

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
 Data File : BN031792.D
 Acq On : 05 Jun 2024 01:26
 Operator : MA/JU
 Sample : P2591-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH5S8

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0.1 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BN031792.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.852	647	657	675	rVB	1660880	2999190	3.09%	0.199%
2	7.211	711	718	726	rVB	1659471	2710631	2.79%	0.180%
3	7.681	789	798	805	rBV	1975847	3263385	3.36%	0.217%
4	8.387	911	918	924	rVV	2100788	3417129	3.52%	0.227%
5	8.834	987	994	1002	rVV	1570249	2645300	2.72%	0.176%
6	10.087	1199	1207	1217	rVV	2068847	3531931	3.63%	0.235%
7	10.463	1261	1271	1275	rVV	2786157	5008903	5.15%	0.333%
8	10.516	1275	1280	1287	rVV	6562607	11260473	11.58%	0.749%
9	12.128	1547	1554	1561	rBV	4194608	6889896	7.09%	0.458%
10	12.352	1582	1592	1603	rVB	3179204	5327929	5.48%	0.354%
11	13.151	1722	1728	1738	rVV	1578728	2505061	2.58%	0.167%
12	13.640	1804	1811	1816	rBV	2730615	4889928	5.03%	0.325%
13	13.693	1816	1820	1824	rVV	1771564	2673106	2.75%	0.178%
14	13.740	1824	1828	1833	rVB	3131838	4374655	4.50%	0.291%
15	13.881	1843	1852	1855	rBV2	1404458	2357492	2.43%	0.157%
16	14.016	1869	1875	1878	rBV	3830545	6299021	6.48%	0.419%
17	14.322	1918	1927	1932	rVV2	3914218	7615390	7.83%	0.507%
18	14.387	1932	1938	1946	rVV	10779996	17288549	17.78%	1.150%
19	14.546	1956	1965	1969	rBV2	1432416	3128679	3.22%	0.208%
20	14.722	1984	1995	2003	rVV	10911716	18270676	18.79%	1.215%
21	15.316	2089	2096	2101	rVV	4430493	7565679	7.78%	0.503%
22	15.375	2101	2106	2117	rVB	11948625	19081468	19.63%	1.269%
23	15.534	2130	2133	2138	rVV	1914387	2837377	2.92%	0.189%
24	15.669	2151	2156	2165	rVB	4710192	7067891	7.27%	0.470%
25	15.816	2176	2181	2189	rVB	5164512	10125958	10.42%	0.674%
26	15.904	2189	2196	2203	rVB2	1263192	2380590	2.45%	0.158%
27	16.045	2214	2220	2227	rVB3	1608424	3171396	3.26%	0.211%
28	16.351	2266	2272	2274	rBV2	1751515	2962649	3.05%	0.197%
29	16.375	2274	2276	2281	rVV2	2401060	3537125	3.64%	0.235%
30	16.740	2332	2338	2344	rVB	11433915	19000756	19.55%	1.264%
31	16.804	2344	2349	2356	rBV2	2315835	5224366	5.37%	0.348%
32	16.892	2359	2364	2374	rVB	8522312	13104267	13.48%	0.872%
33	17.145	2391	2407	2411	rBV2	29825517	92891861	95.56%	6.179%
34	17.187	2411	2414	2416	rVV2	5919214	8387339	8.63%	0.558%
35	17.222	2416	2420	2424	rVV	20160791	32760513	33.70%	2.179%
36	17.269	2424	2428	2433	rVB	2871179	4467660	4.60%	0.297%

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Integrator: RTE

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Sampling : 1

Min Area: 0.1 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

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Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Title : SVOA CALIBRATION

37	17.487	2455	2465	2477	rBV2	14014635	30075574	30.94%	2.000%
38	17.592	2479	2483	2489	rVV3	2477493	4489203	4.62%	0.299%
39	17.657	2489	2494	2502	rVB5	3219067	6504320	6.69%	0.433%
40	17.951	2538	2544	2548	rVV	11363731	19209248	19.76%	1.278%
41	18.004	2548	2553	2558	rVB	15287991	25482465	26.21%	1.695%
42	18.081	2561	2566	2571	rVB	5878083	8680039	8.93%	0.577%
43	18.151	2571	2578	2581	rBV2	13562930	26007187	26.75%	1.730%
44	18.186	2581	2584	2590	rVB	7719552	10359392	10.66%	0.689%
45	18.257	2591	2596	2600	rBV2	2096631	3727528	3.83%	0.248%
46	18.304	2600	2604	2608	rVV2	2413419	3364707	3.46%	0.224%
47	18.457	2625	2630	2634	rVV	9310234	13594393	13.98%	0.904%
48	18.510	2634	2639	2647	rVV	10517064	15738252	16.19%	1.047%
49	18.698	2667	2671	2676	rBV4	2056779	3139866	3.23%	0.209%
50	18.751	2676	2680	2683	rVB	2808704	3362047	3.46%	0.224%
51	18.792	2683	2687	2692	rVB2	2735960	3653168	3.76%	0.243%
52	18.875	2695	2701	2705	rBV	4860893	8798177	9.05%	0.585%
53	18.916	2705	2708	2715	rVV3	2688530	5477326	5.63%	0.364%
54	19.039	2721	2729	2737	rVB2	8658157	16609694	17.09%	1.105%
55	19.175	2741	2752	2756	rVV2	31153953	88254114	90.79%	5.870%
56	19.245	2761	2764	2770	rVB2	3001184	4815132	4.95%	0.320%
57	19.386	2777	2788	2793	rBV3	4453665	12785034	13.15%	0.850%
58	19.533	2800	2813	2817	rBV5	27308066	90333720	92.92%	6.009%
59	19.581	2817	2821	2827	rVB2	6755833	9792315	10.07%	0.651%
60	19.686	2834	2839	2844	rVB	7827226	11070130	11.39%	0.736%
61	19.757	2845	2851	2856	rVB	7254450	11734258	12.07%	0.781%
62	19.839	2857	2865	2870	rBV2	7343402	20275735	20.86%	1.349%
63	19.969	2881	2887	2890	rBV3	7228872	15166372	15.60%	1.009%
64	20.004	2890	2893	2897	rVB	8379360	11429383	11.76%	0.760%
65	20.104	2906	2910	2913	rBV	3351251	4447087	4.57%	0.296%
66	20.163	2913	2920	2923	rBV2	8840814	17364623	17.86%	1.155%
67	20.198	2923	2926	2929	rVB	3038925	3389327	3.49%	0.225%
68	20.239	2929	2933	2938	rVB2	2488022	3172533	3.26%	0.211%
69	20.298	2939	2943	2947	rBV	4059982	5800330	5.97%	0.386%
70	20.345	2947	2951	2955	rVV	4505730	5994555	6.17%	0.399%
71	20.586	2983	2992	2994	rBV7	1970078	4979986	5.12%	0.331%
72	20.763	3016	3022	3027	rVV	15289633	24569326	25.27%	1.634%
73	20.922	3043	3049	3053	rBV2	12849666	22526818	23.17%	1.498%
74	20.963	3053	3056	3060	rVV	9600761	14230214	14.64%	0.947%
75	21.010	3060	3064	3069	rVV2	9312032	18493379	19.02%	1.230%
76	21.080	3071	3076	3086	rVB	14056431	26491689	27.25%	1.762%

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77	21.180	3086	3093	3097	rBV	3461673	8061669	8.29%	0.536%
78	21.222	3097	3100	3104	rVB	3204328	4099875	4.22%	0.273%
79	21.322	3104	3117	3122	rBV3	24676035	82872049	85.25%	5.512%
80	21.386	3122	3128	3136	rVB	23760289	57492827	59.14%	3.824%
81	21.510	3144	3149	3155	rBV2	4381848	8080916	8.31%	0.538%
82	21.575	3156	3160	3164	rVV4	2960010	6318221	6.50%	0.420%
83	21.639	3168	3171	3175	rVB	4257277	6353233	6.54%	0.423%
84	21.692	3175	3180	3187	rBV3	4340148	8579901	8.83%	0.571%
85	21.757	3187	3191	3195	rBV2	3115715	4477980	4.61%	0.298%
86	21.927	3214	3220	3224	rBV2	4814860	9103483	9.36%	0.606%
87	21.998	3224	3232	3237	rVV	8876293	18750905	19.29%	1.247%
88	22.057	3238	3242	3250	rVB3	5002800	10185471	10.48%	0.677%
89	22.245	3269	3274	3278	rBV2	4439204	7821683	8.05%	0.520%
90	22.375	3290	3296	3301	rBV3	2845674	6247204	6.43%	0.416%
91	22.627	3334	3339	3344	rBV3	3293091	6266423	6.45%	0.417%
92	23.004	3395	3403	3418	rVB2	5259153	17311111	17.81%	1.151%
93	23.398	3453	3470	3475	rBV3	20042852	97211614	100.00%	6.466%
94	23.598	3496	3504	3509	rBV	7135519	15029650	15.46%	1.000%
95	23.769	3527	3533	3536	rBV2	2723586	6105209	6.28%	0.406%
96	24.021	3568	3576	3590	rVV2	7407239	27463423	28.25%	1.827%
97	24.174	3591	3602	3609	rVB2	15299313	45444292	46.75%	3.023%
98	24.280	3616	3620	3625	rBV2	1108110	2513744	2.59%	0.167%
99	24.357	3627	3633	3646	rVB7	3485249	13370006	13.75%	0.889%
100	27.692	4188	4200	4213	rVB3	9447255	47831856	49.20%	3.182%

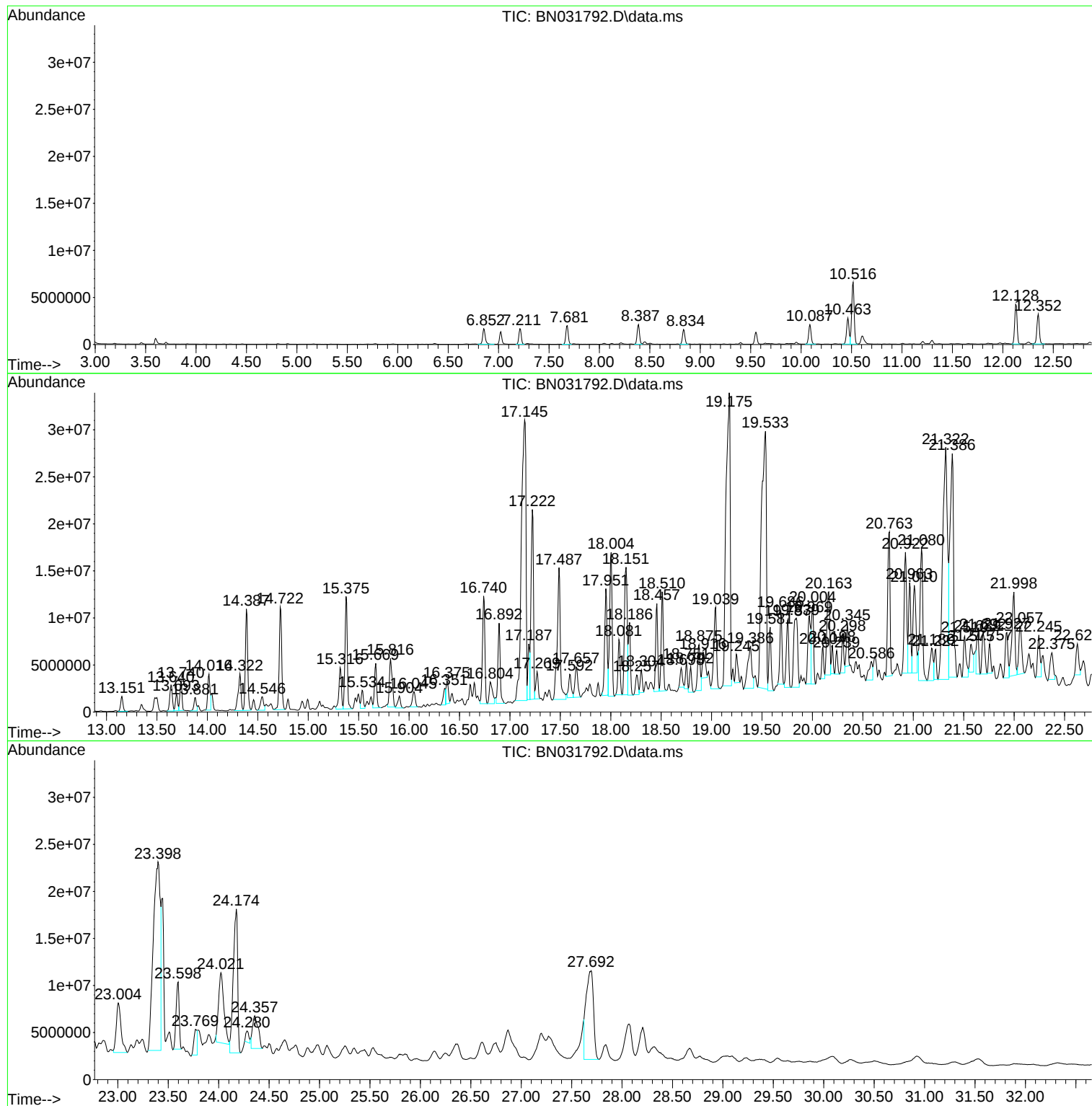
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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ALS Vial : 15 Sample Multiplier: 1

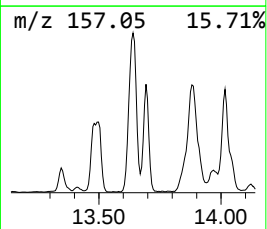
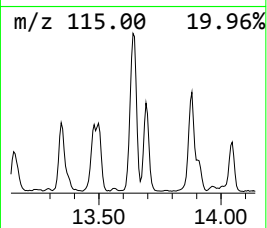
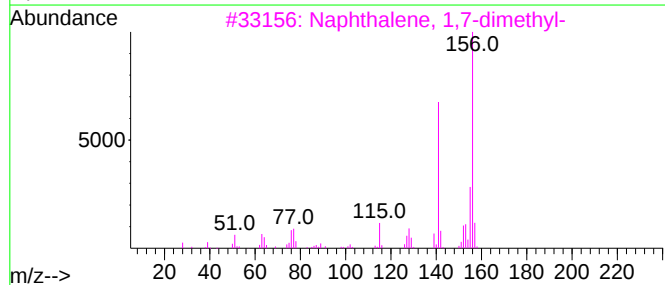
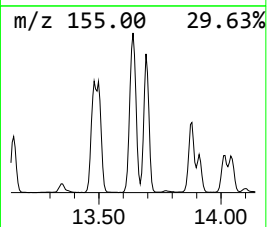
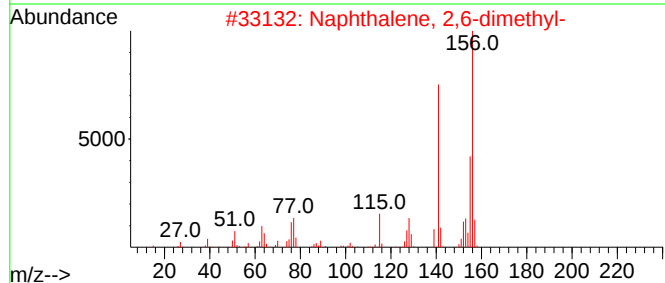
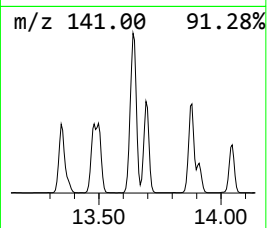
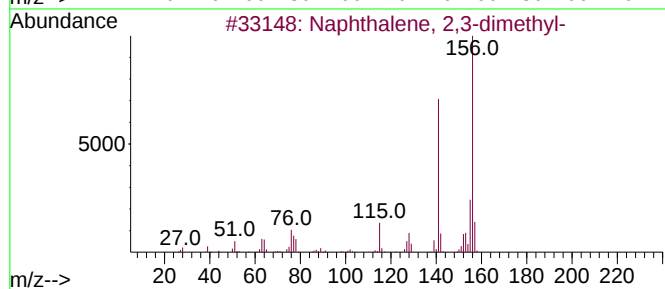
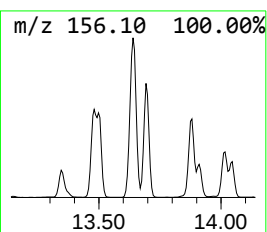
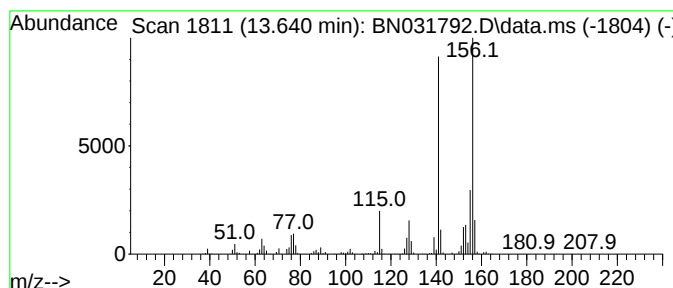
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Naphthalene, 2,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.640	12.84 ng/ul	4889930	Acenaphthene-d10		14.322	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-		156	C12H12	000581-40-8	97
2	Naphthalene, 2,6-dimethyl-		156	C12H12	000581-42-0	97
3	Naphthalene, 1,7-dimethyl-		156	C12H12	000575-37-1	97
4	Naphthalene, 2,6-dimethyl-		156	C12H12	000581-42-0	97
5	Naphthalene, 2,3-dimethyl-		156	C12H12	000581-40-8	97



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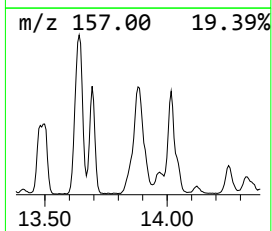
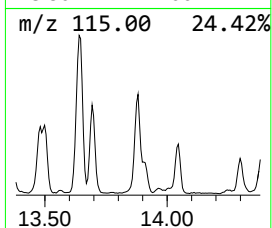
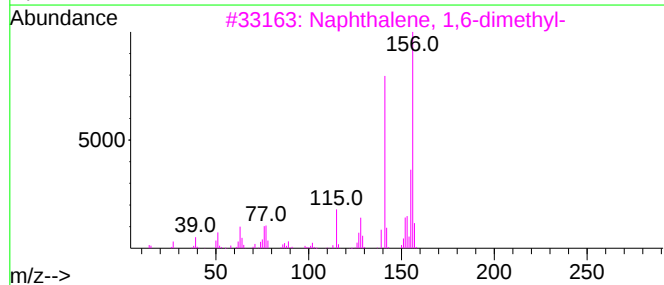
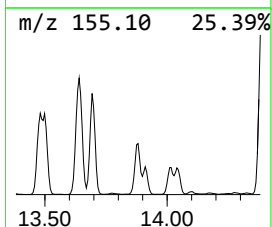
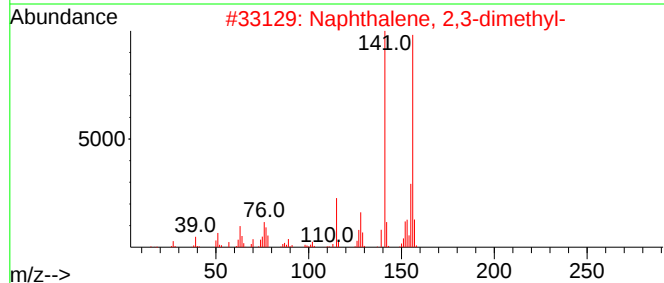
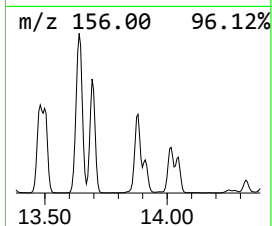
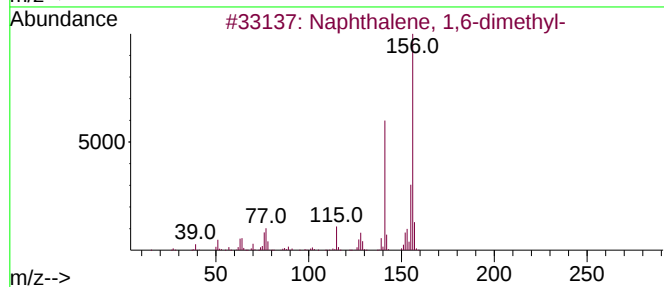
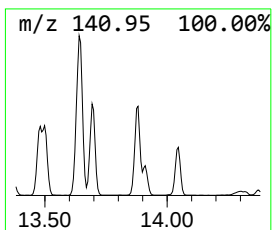
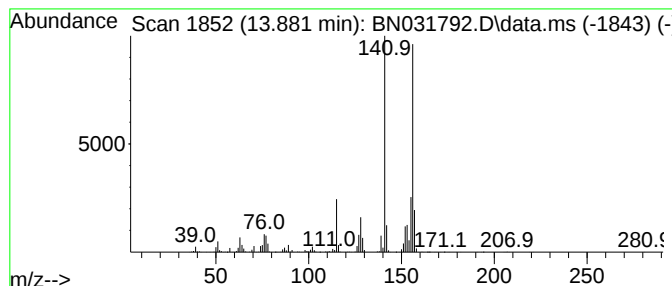
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Naphthalene, 1,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.881	6.19 ng/ul	2357490	Acenaphthene-d10	14.322

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
4			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
5			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95



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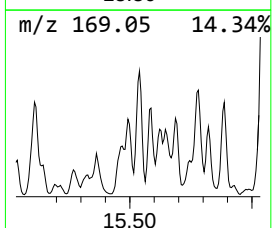
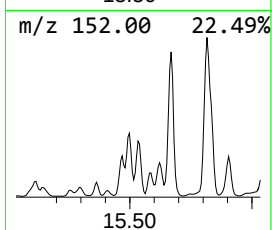
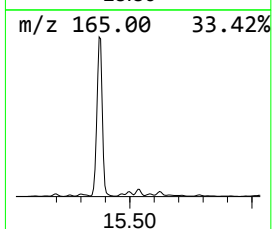
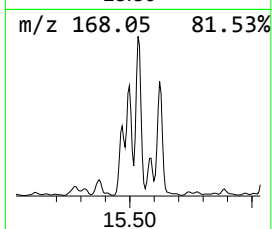
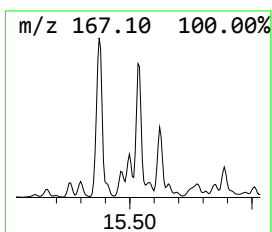
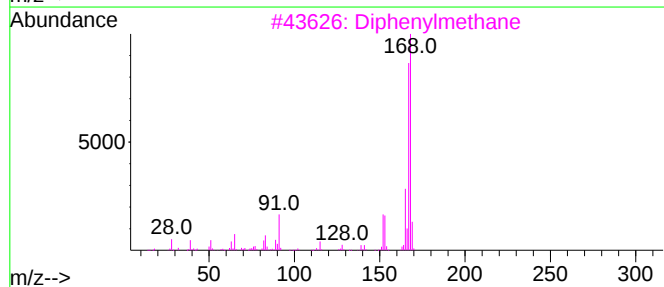
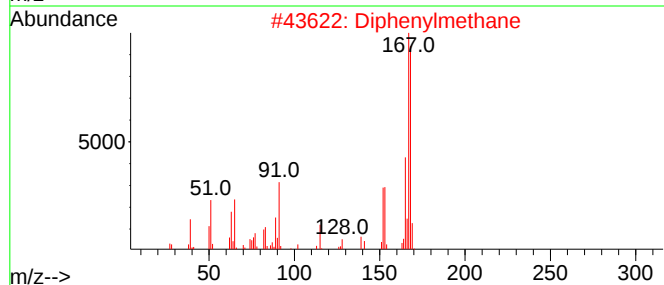
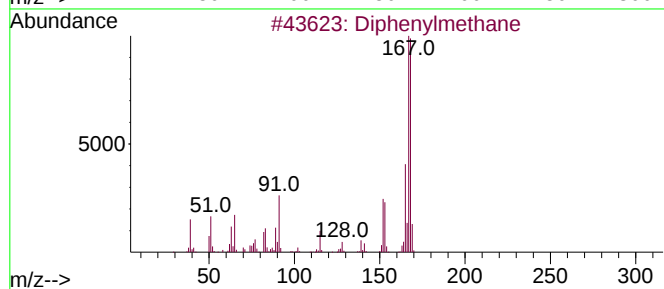
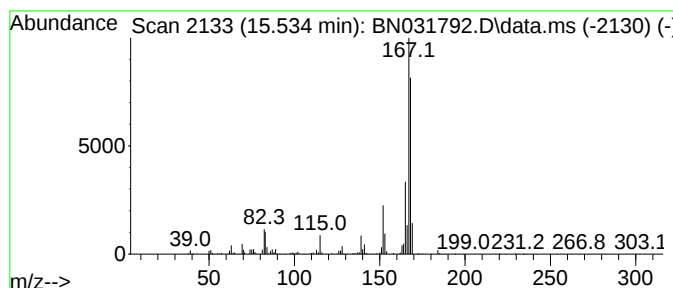
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Diphenylmethane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.534	7.45 ng/ul	2837380	Acenaphthene-d10	14.322

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Diphenylmethane	168	C13H12	000101-81-5	91
2			Diphenylmethane	168	C13H12	000101-81-5	91
3			Diphenylmethane	168	C13H12	000101-81-5	80
4			Diphenylmethane	168	C13H12	000101-81-5	72
5			1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031792.D
Acq On : 05 Jun 2024 01:26
Operator : MA/JU
Sample : P2591-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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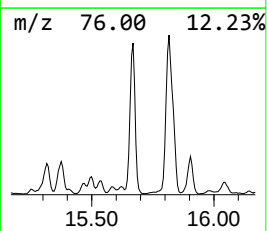
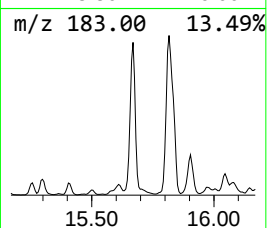
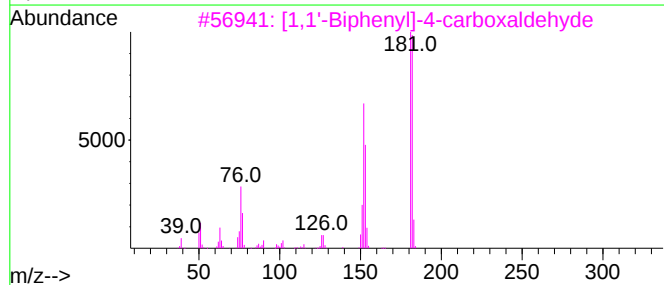
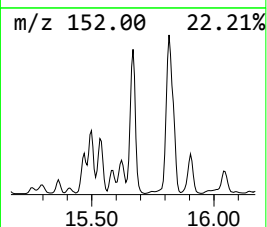
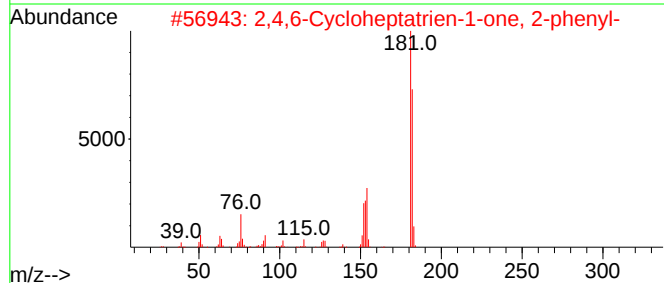
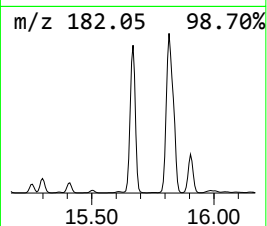
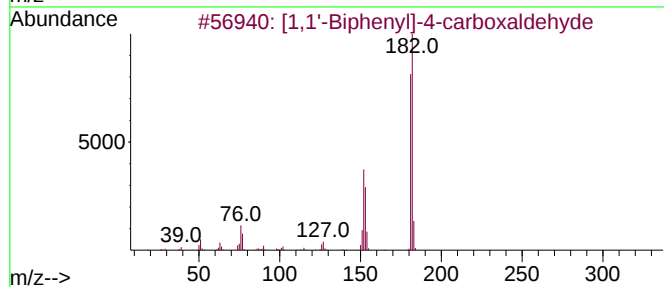
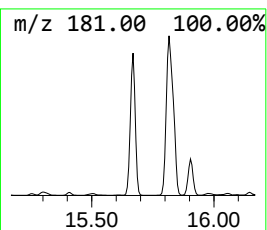
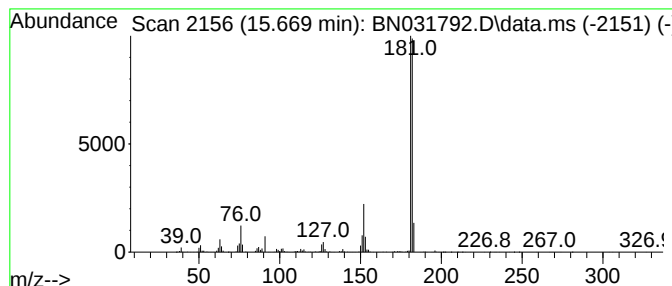
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.669	18.56 ng/ul	7067890	Acenaphthene-d10	14.322

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	91
2		2,4,6-Cycloheptatrien-1-one, 2-phenyl-	182	C13H10O	014562-09-5	86
3		[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	83
4		9H-Fluoren-3-ol	182	C13H10O	006344-67-8	81
5		9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031792.D
Acq On : 05 Jun 2024 01:26
Operator : MA/JU
Sample : P2591-05
Misc :
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Instrument :
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ClientSampleId :
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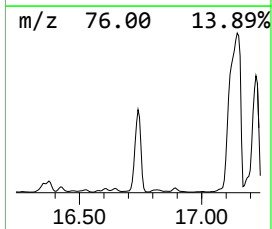
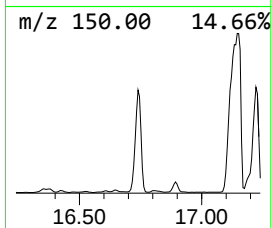
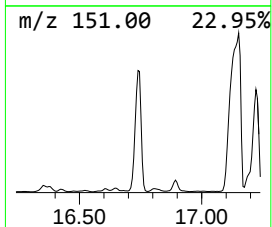
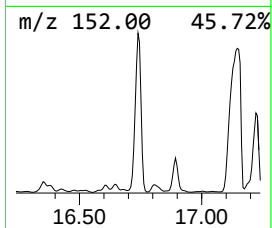
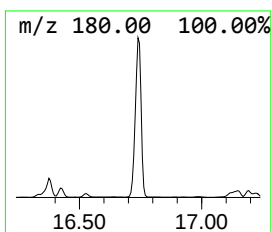
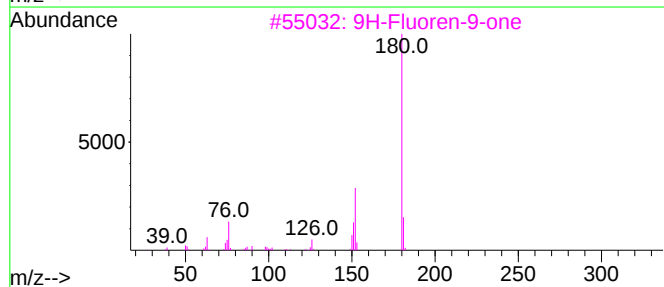
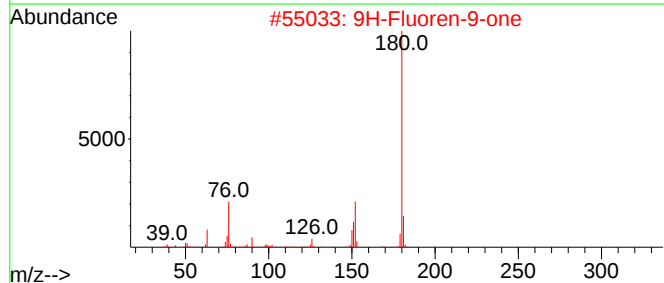
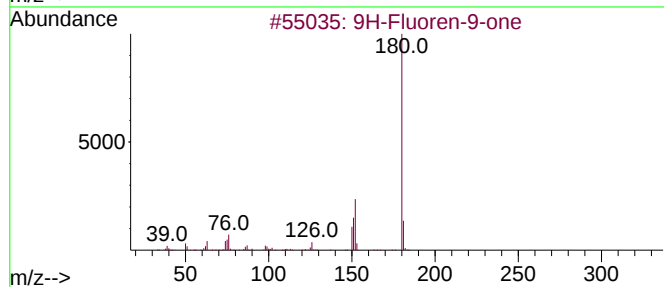
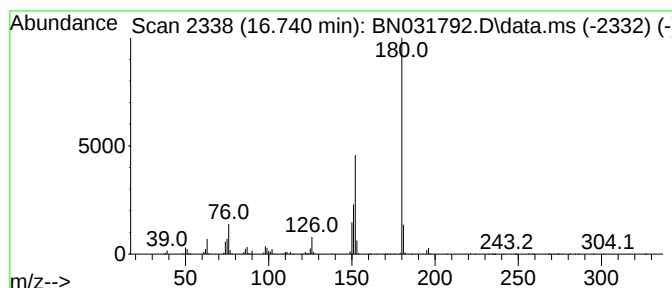
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 9H-Fluoren-9-one Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.740	4.09 ng/ul	19000800	Phenanthrene-d10	17.081

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one			180	C13H8O	000486-25-9	95
2	9H-Fluoren-9-one			180	C13H8O	000486-25-9	94
3	9H-Fluoren-9-one			180	C13H8O	000486-25-9	94
4	9H-Fluoren-9-one			180	C13H8O	000486-25-9	94
5	9H-Fluoren-9-one			180	C13H8O	000486-25-9	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031792.D
Acq On : 05 Jun 2024 01:26
Operator : MA/JU
Sample : P2591-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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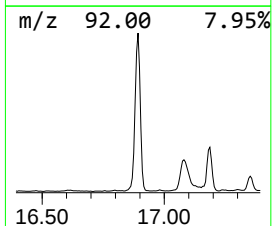
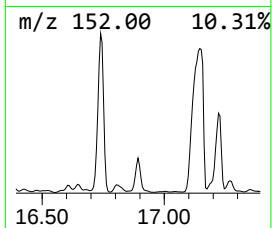
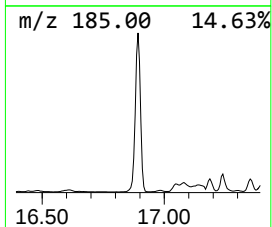
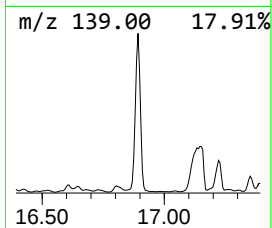
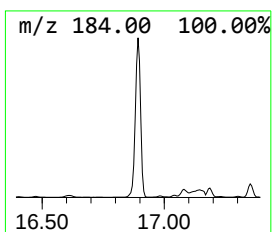
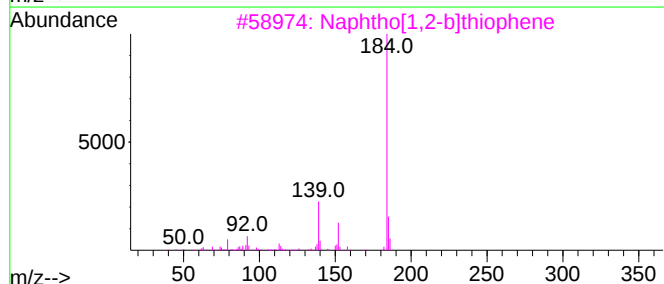
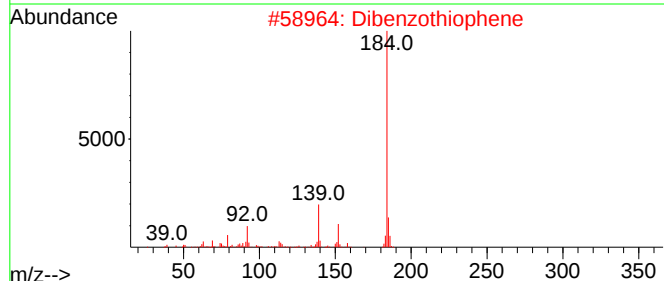
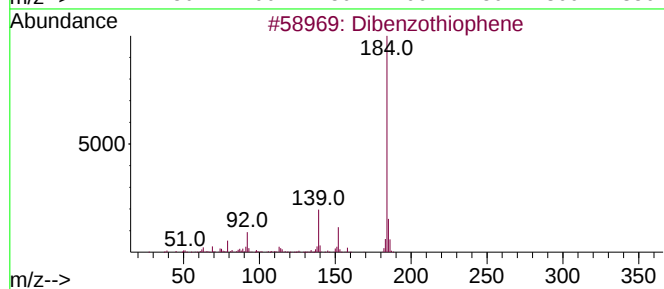
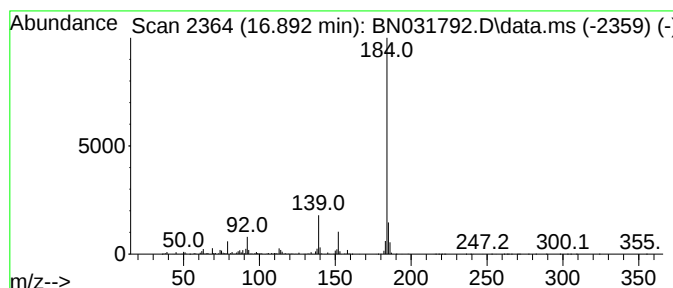
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Dibenzothiophene Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.892	2.82 ng/ul	13104300	Phenanthrene-d10	17.081

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzothiophene	184	C12H8S	000132-65-0	97
2			Dibenzothiophene	184	C12H8S	000132-65-0	97
3			Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	97
4			Dibenzothiophene	184	C12H8S	000132-65-0	96
5			Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031792.D
Acq On : 05 Jun 2024 01:26
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Sample : P2591-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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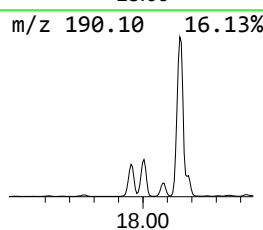
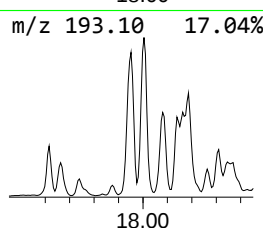
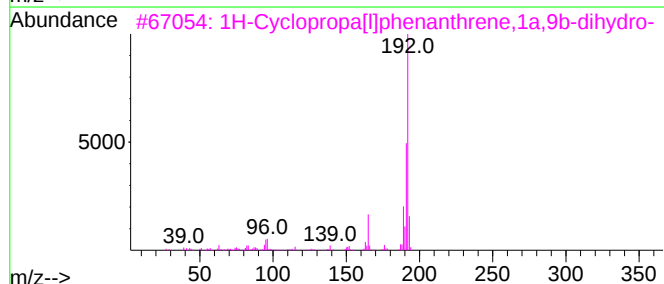
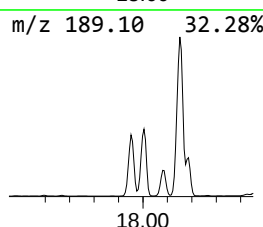
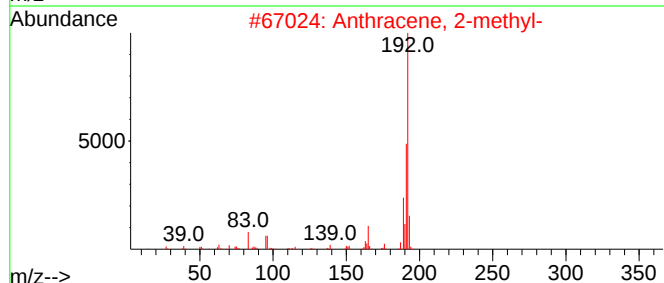
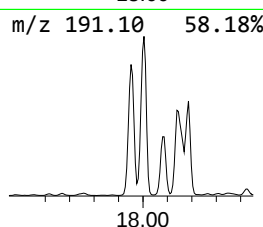
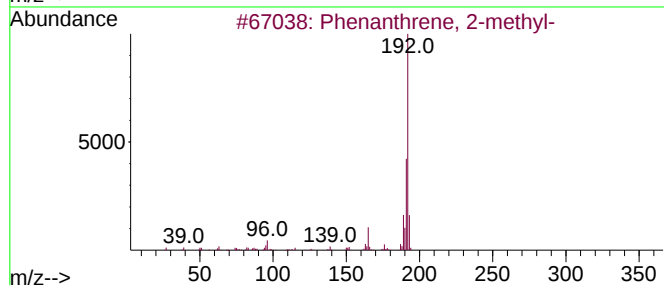
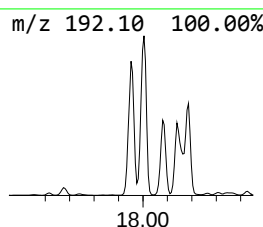
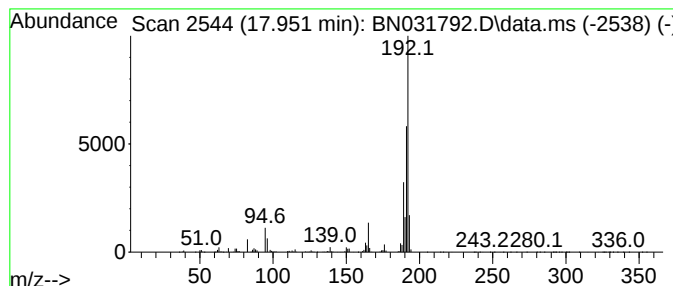
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.951	4.14 ng/ul	19209200	Phenanthrene-d10	17.081

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3			1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031792.D
Acq On : 05 Jun 2024 01:26
Operator : MA/JU
Sample : P2591-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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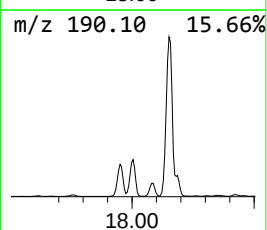
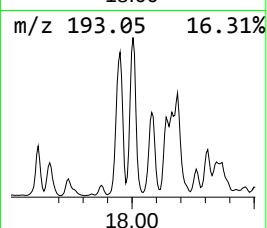
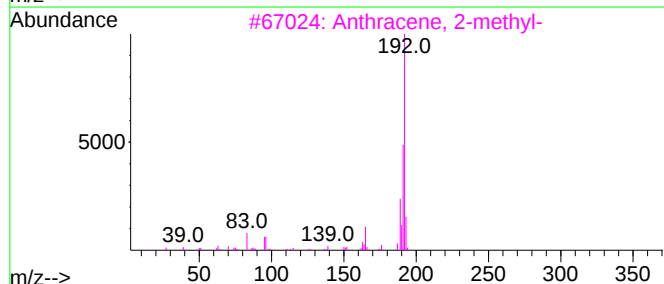
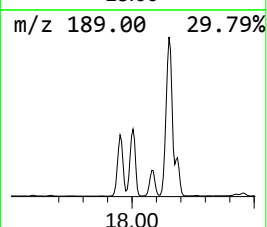
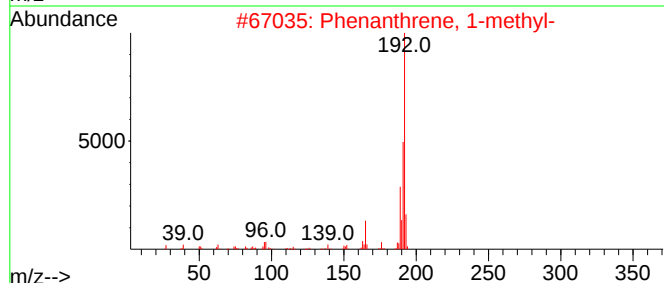
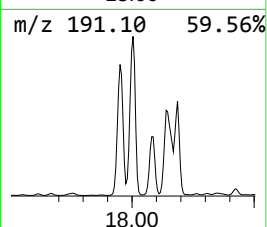
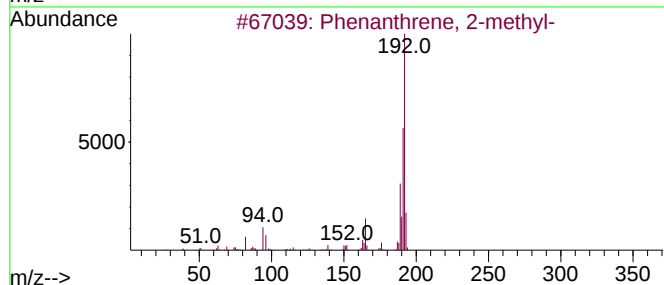
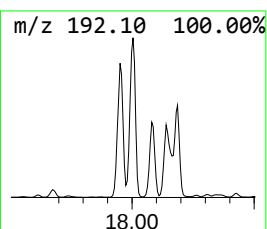
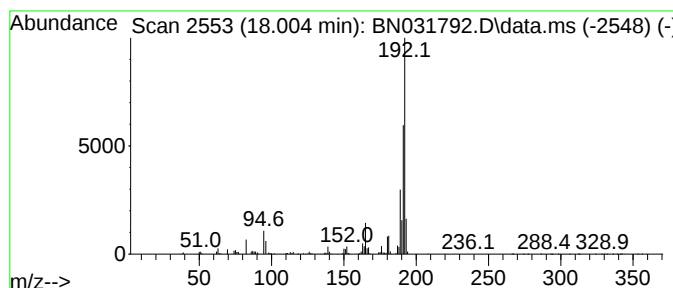
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Phenanthrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.004	5.49 ng/ul	25482500	Phenanthrene-d10	17.081

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
5			Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
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Misc :
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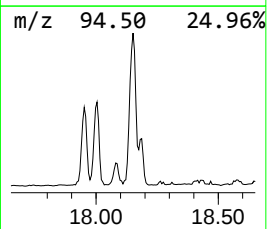
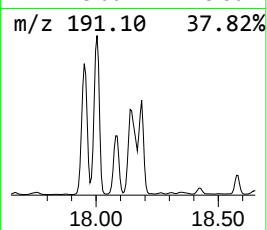
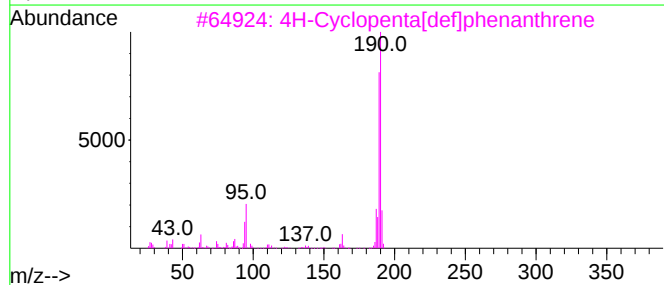
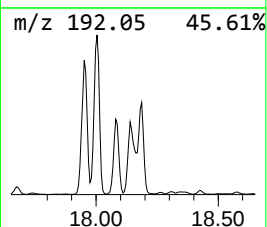
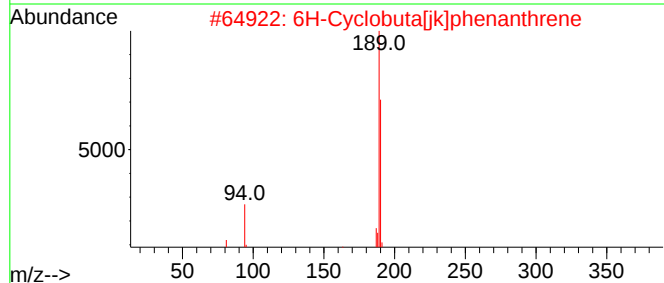
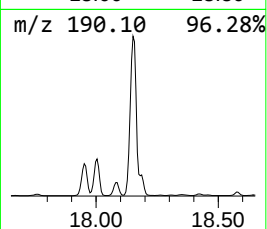
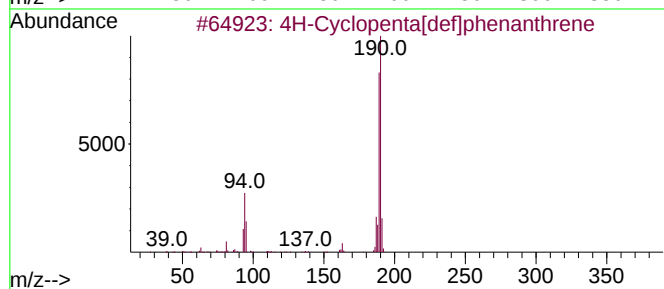
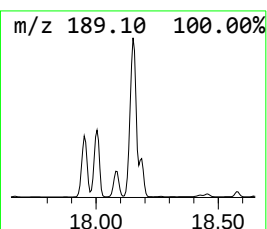
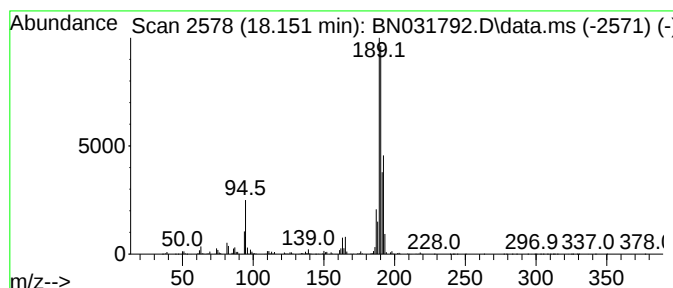
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.151	5.60 ng/ul	26007200	Phenanthrene-d10	17.081	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	59
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
4	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
5	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
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Operator : MA/JU
Sample : P2591-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

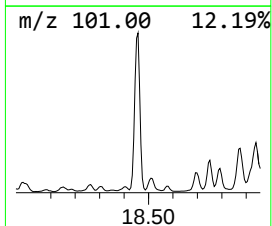
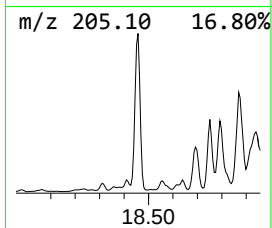
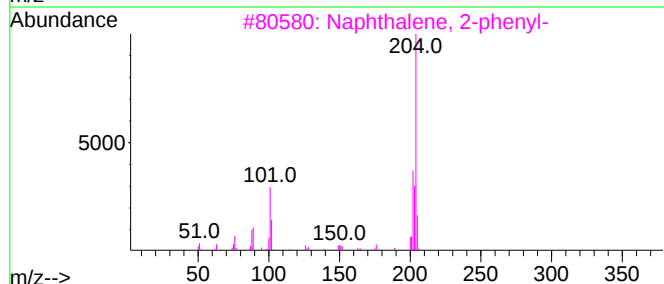
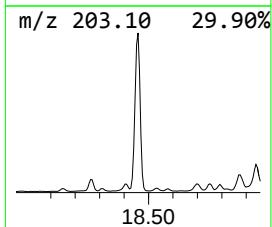
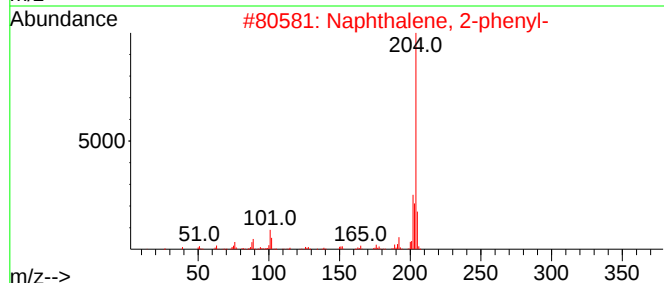
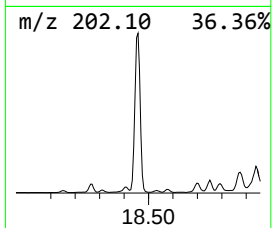
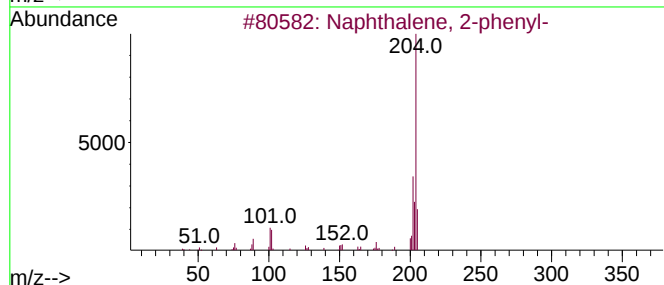
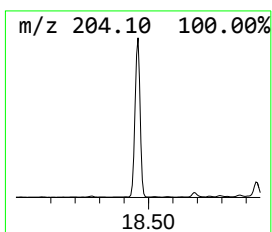
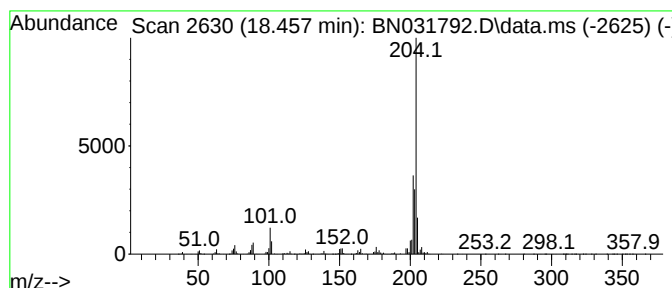
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Naphthalene, 2-phenyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.457	2.93 ng/ul	13594400	Phenanthrene-d10		17.081	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-		204	C16H12	000612-94-2	93
2	Naphthalene, 2-phenyl-		204	C16H12	000612-94-2	91
3	Naphthalene, 2-phenyl-		204	C16H12	000612-94-2	90
4	Naphthalene, 2-phenyl-		204	C16H12	000612-94-2	81
5	Naphthalene, 2-phenyl-		204	C16H12	000612-94-2	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031792.D
Acq On : 05 Jun 2024 01:26
Operator : MA/JU
Sample : P2591-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

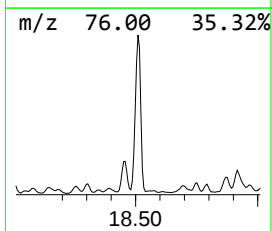
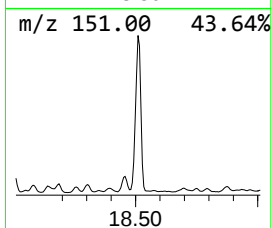
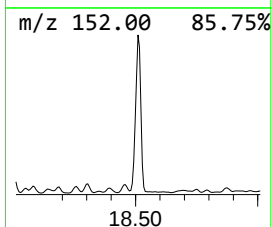
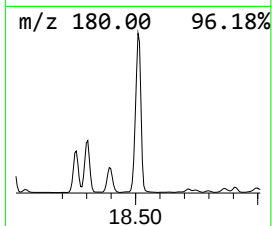
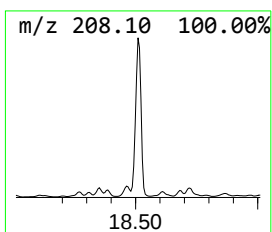
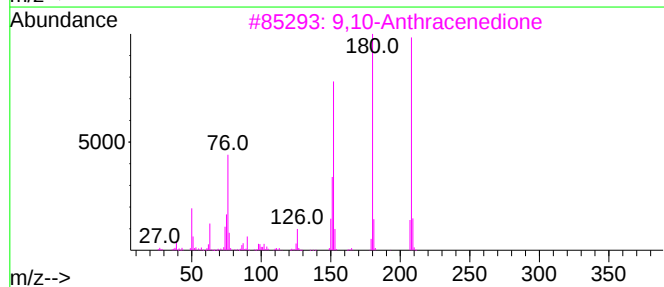
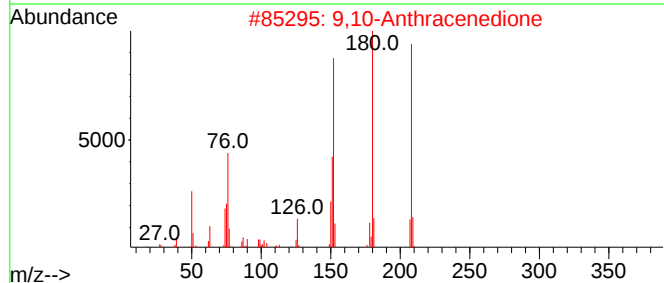
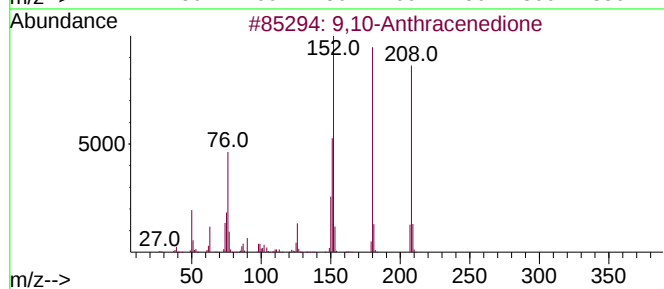
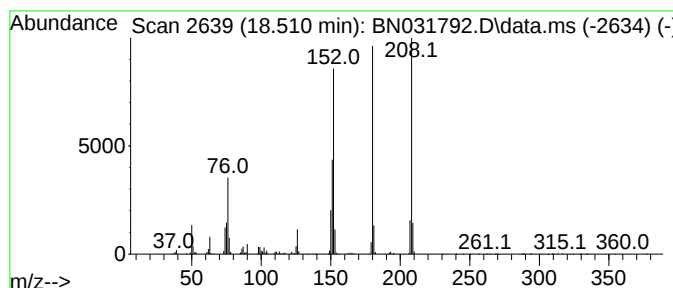
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 9,10-Anthracenedione Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.510	3.39 ng/ul	15738300	Phenanthrene-d10	17.081	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031792.D
Acq On : 05 Jun 2024 01:26
Operator : MA/JU
Sample : P2591-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

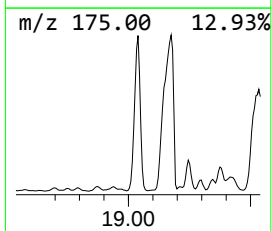
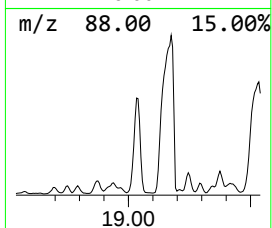
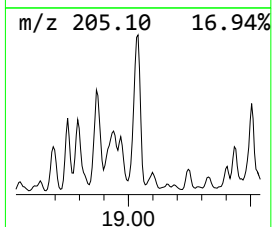
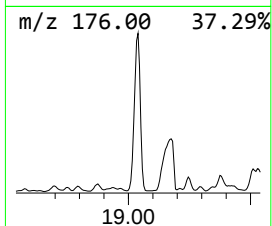
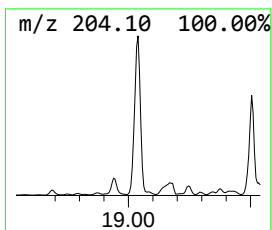
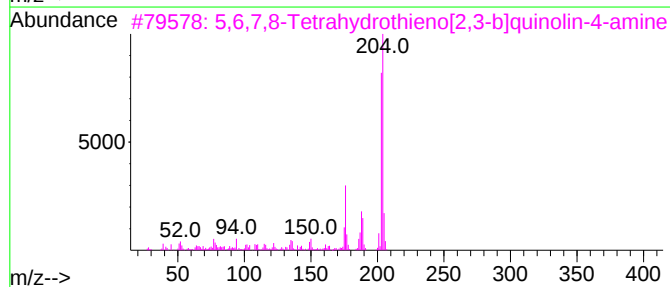
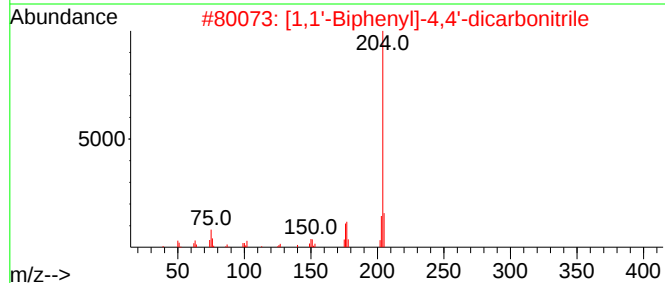
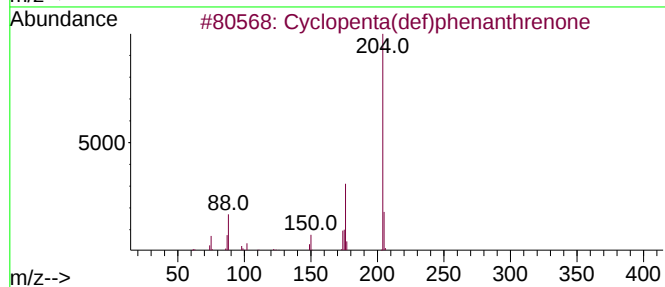
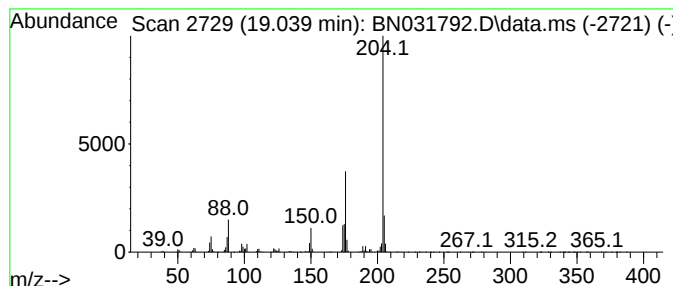
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Cyclopenta(def)phenanthrenone Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.039	3.58 ng/ul	16609700	Phenanthrene-d10	17.081	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	97
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	64
3	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	64
4	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	59
5	3H-pyrazol-3-one, 5-ethoxy-2,4-d...	204	C11H12N2O2	1000400-47-1	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
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Acq On : 05 Jun 2024 01:26
Operator : MA/JU
Sample : P2591-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

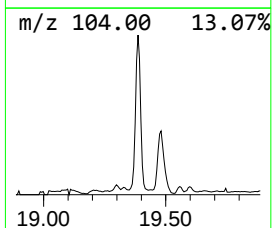
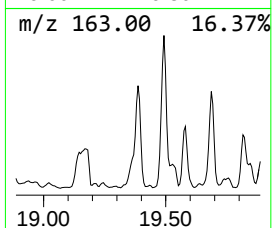
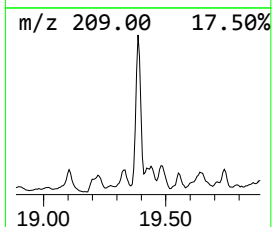
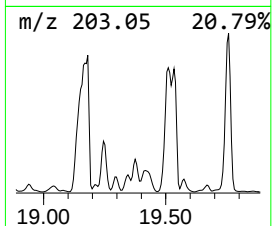
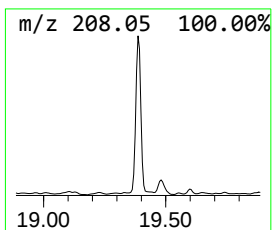
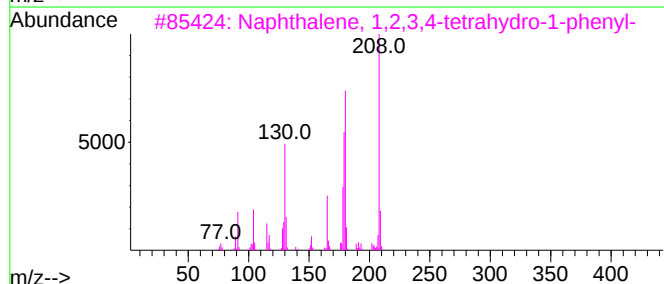
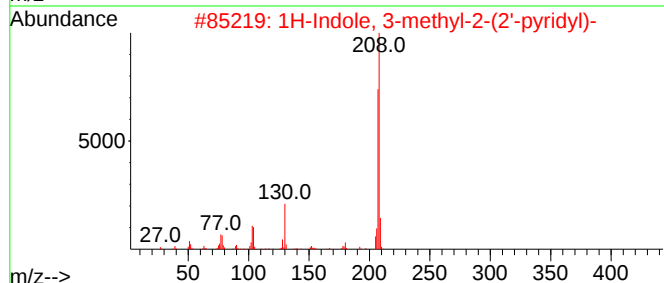
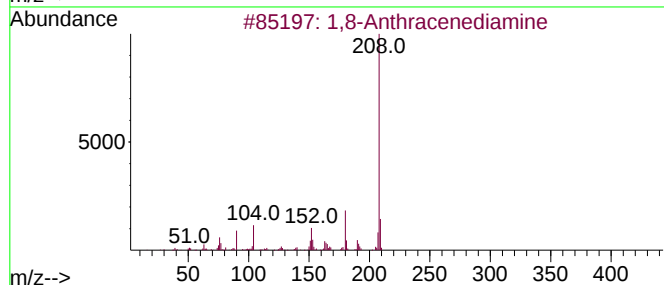
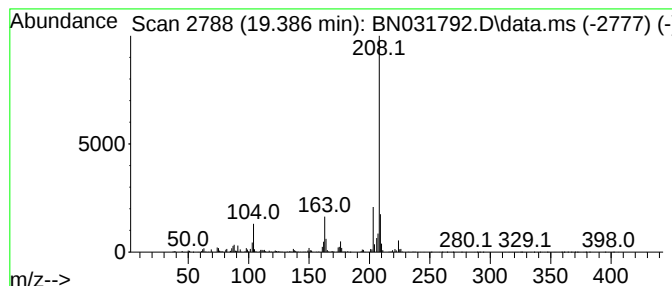
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 1,8-Anthracenediamine Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.386	3.09 ng/ul	12785000	Chrysene-d12	21.339	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,8-Anthracenediamine	208	C14H12N2	139312-39-3	59
2	1H-Indole, 3-methyl-2-(2'-pyridyl)-	208	C14H12N2	000951-25-7	58
3	Naphthalene, 1,2,3,4-tetrahydro-...	208	C16H16	003018-20-0	53
4	4,7-Dimethyl-1,10-phenanthroline	208	C14H12N2	003248-05-3	53
5	Neocuproine	208	C14H12N2	000484-11-7	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
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Sample : P2591-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

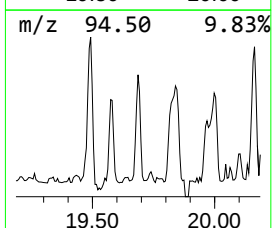
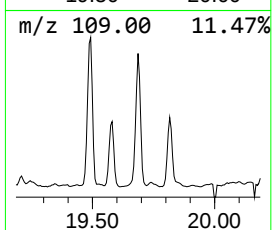
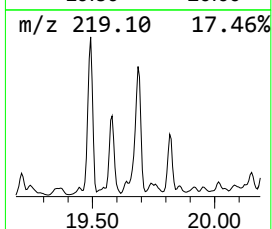
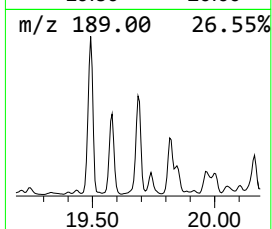
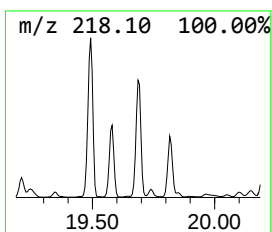
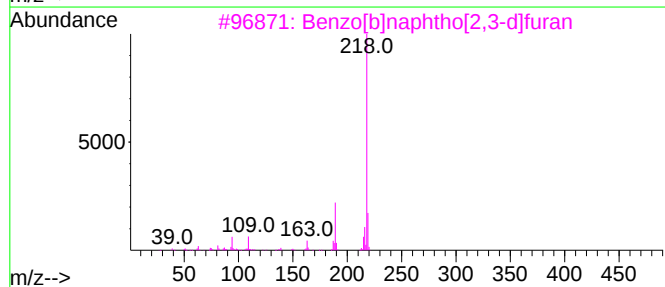
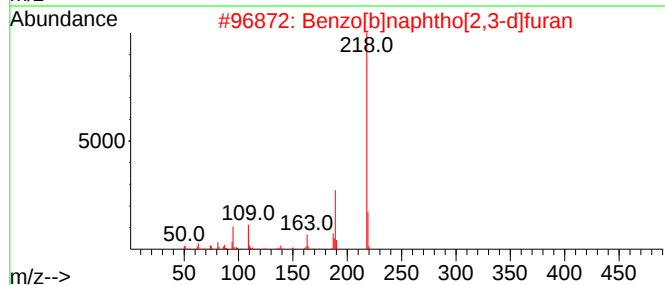
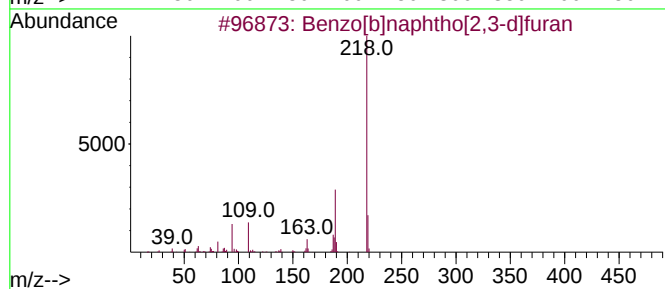
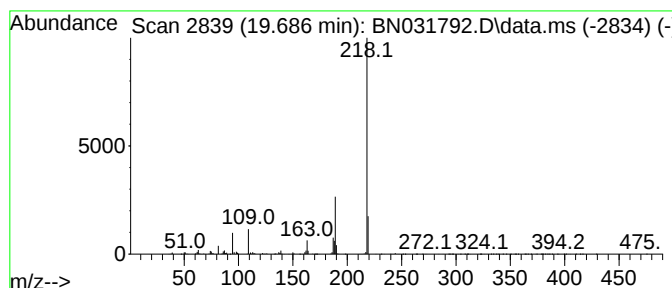
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Benzo[b]naphtho[2,3-d]furan Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.686	2.67 ng/ul	11070100	Chrysene-d12	21.339	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	97
2	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	94
3	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	94
4	Benzo[k]xanthene	218	C16H10O	000200-23-7	93
5	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031792.D
Acq On : 05 Jun 2024 01:26
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Sample : P2591-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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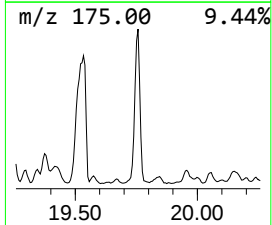
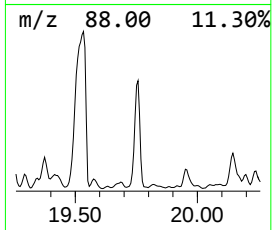
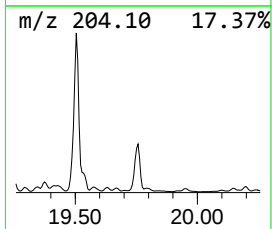
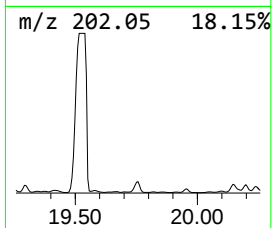
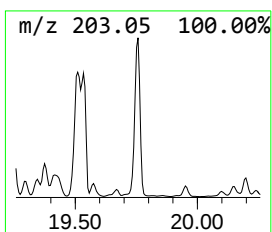
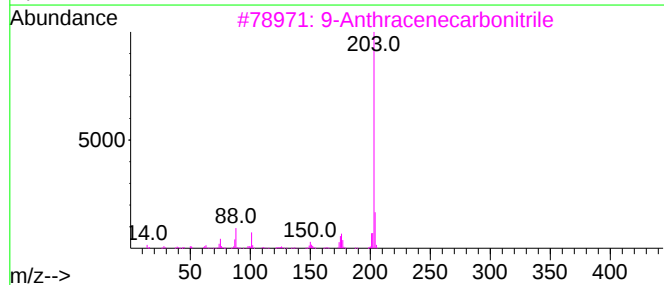
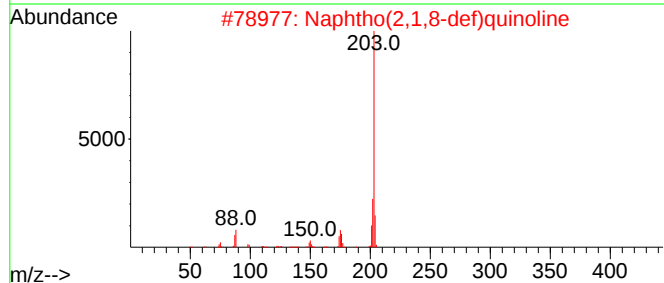
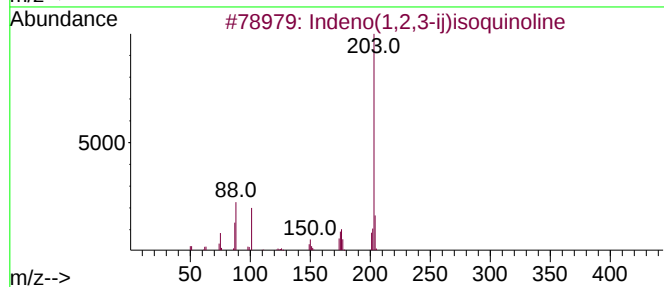
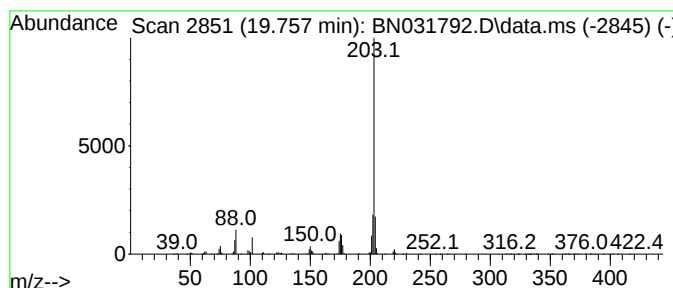
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 18 Indeno(1,2,3-ij)isoquinoline Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.757	2.83 ng/ul	11734300	Chrysene-d12	21.339	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indeno(1,2,3-ij)isoquinoline	203	C15H9N	000206-56-4	96
2	Naphtho(2,1,8-def)quinoline	203	C15H9N	000313-80-4	96
3	9-Anthracenecarbonitrile	203	C15H9N	001210-12-4	96
4	Acenaphtho(1,2-b)pyridine	203	C15H9N	000206-49-5	95
5	Indeno(1,2,3-ij)isoquinoline	203	C15H9N	000206-56-4	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031792.D
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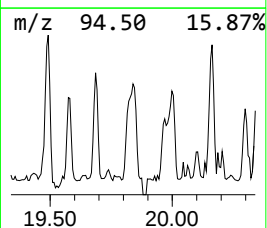
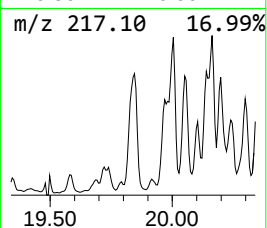
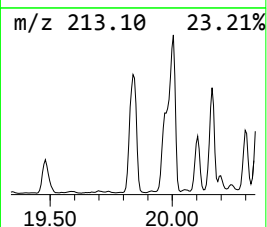
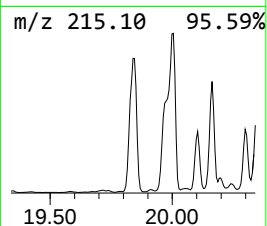
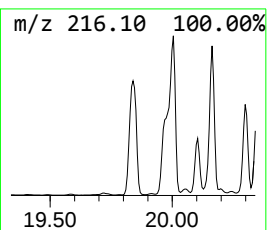
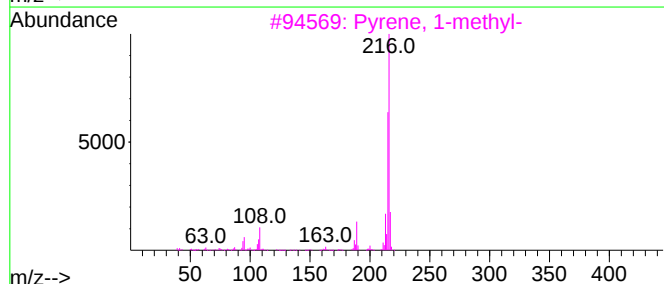
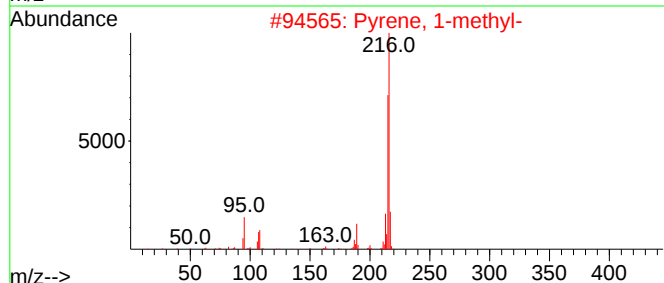
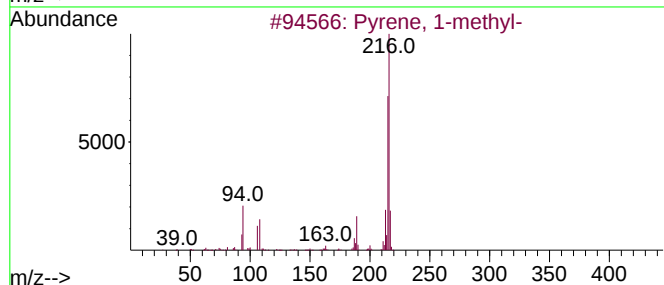
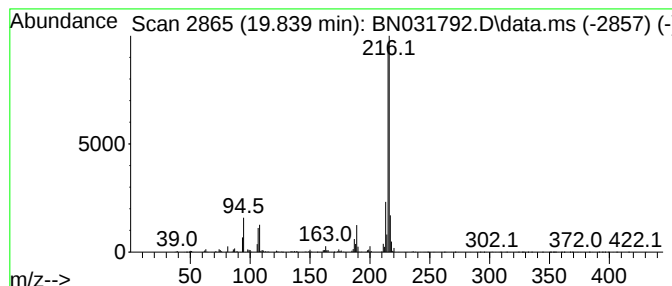
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Pyrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.839	4.89 ng/ul	20275700	Chrysene-d12	21.339

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	98
2			Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
3			Pyrene, 1-methyl-	216	C17H12	002381-21-7	92
4			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
5			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
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Acq On : 05 Jun 2024 01:26
Operator : MA/JU
Sample : P2591-05
Misc :
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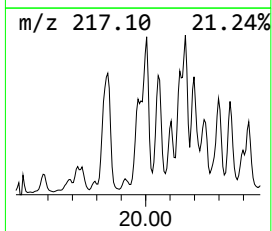
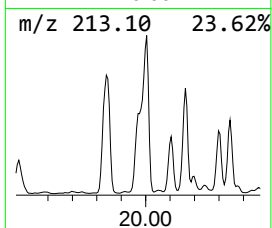
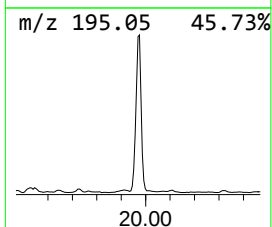
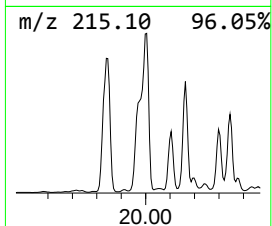
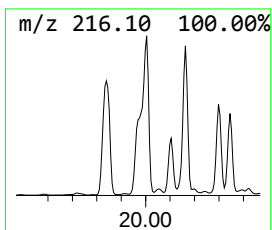
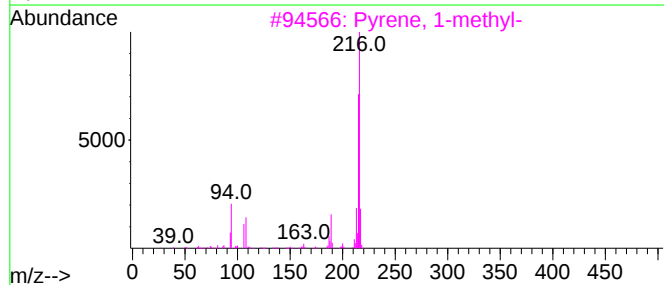
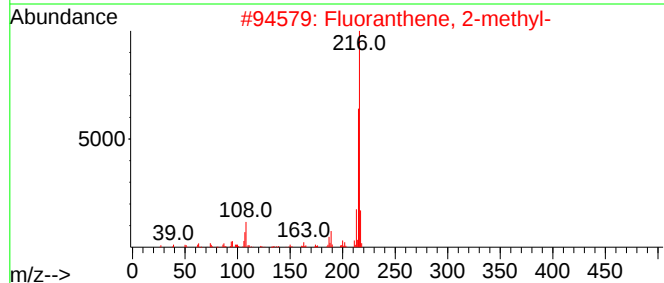
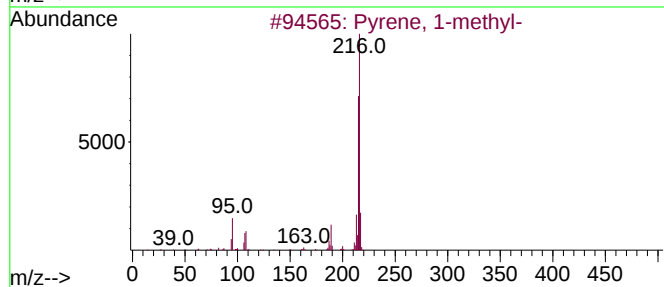
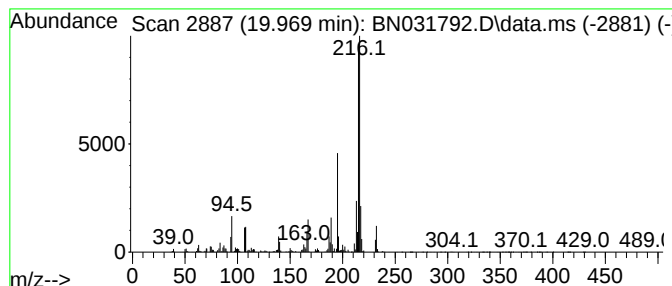
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Fluoranthene, 2-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.969	3.66 ng/ul	15166400	Chrysene-d12	21.339	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	89
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	86
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031792.D
Acq On : 05 Jun 2024 01:26
Operator : MA/JU
Sample : P2591-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

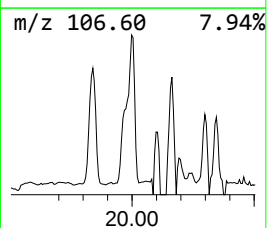
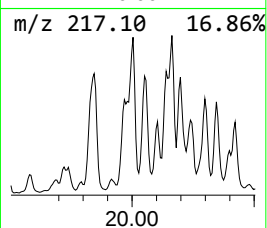
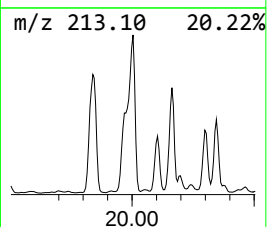
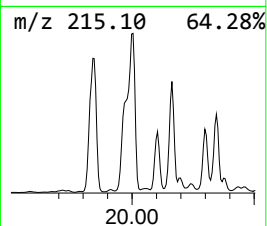
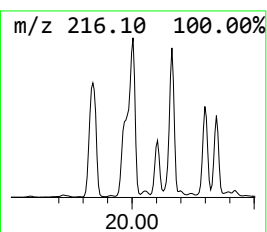
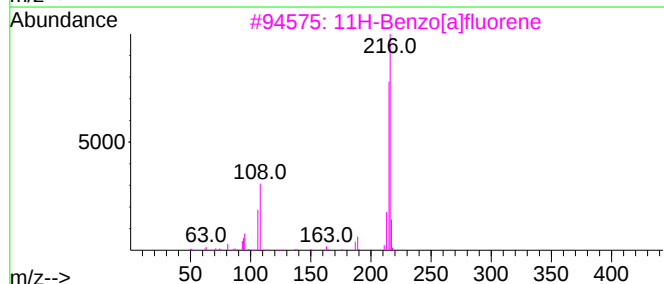
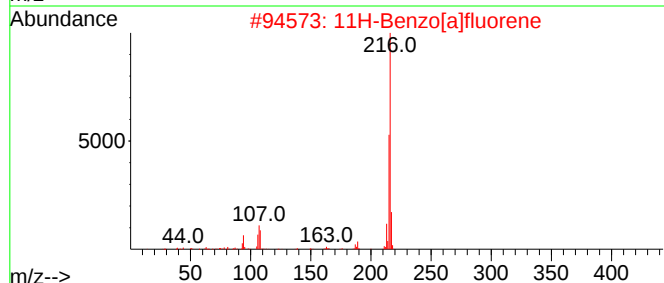
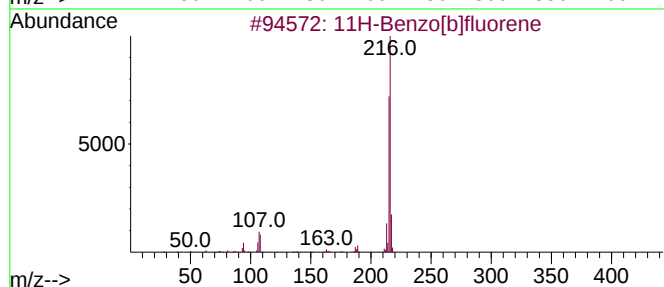
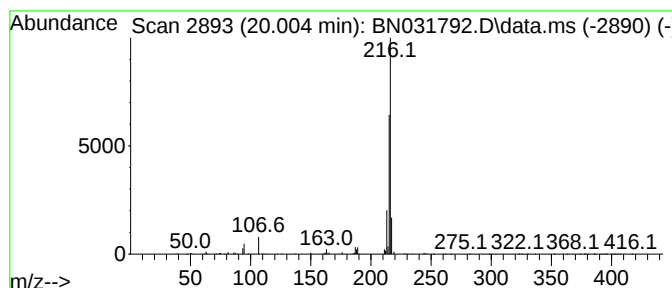
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 21 11H-Benzo[b]fluorene Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.004	2.76 ng/ul	11429400	Chrysene-d12	21.339	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	80
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031792.D
Acq On : 05 Jun 2024 01:26
Operator : MA/JU
Sample : P2591-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

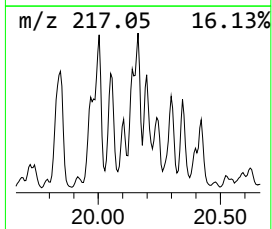
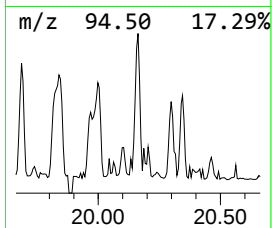
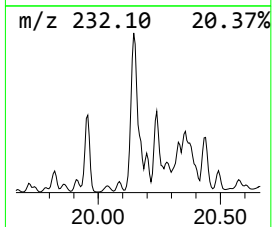
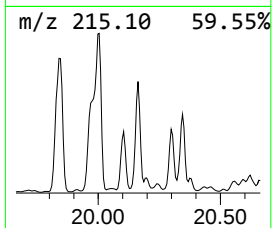
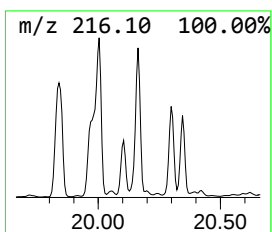
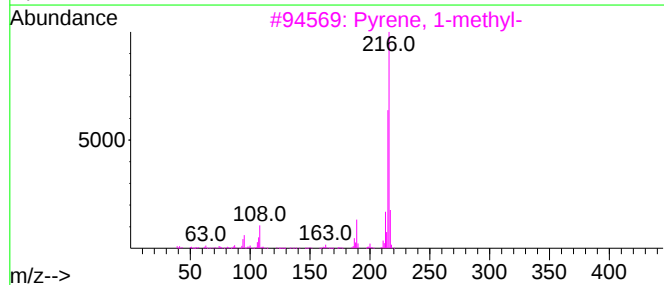
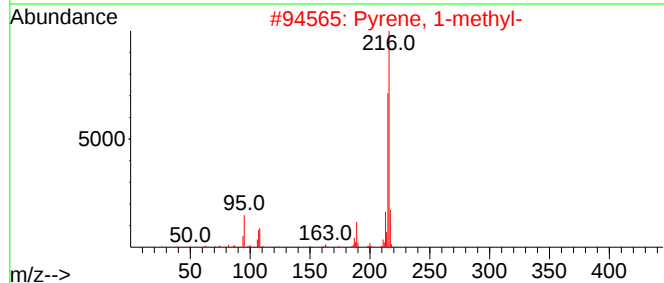
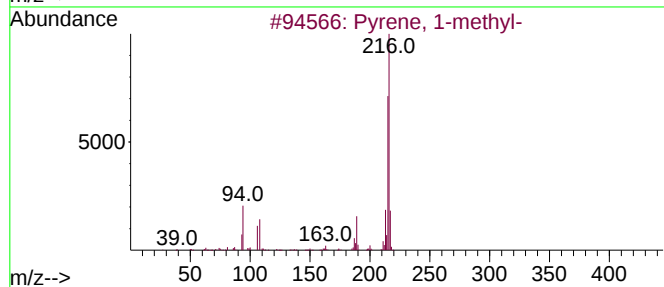
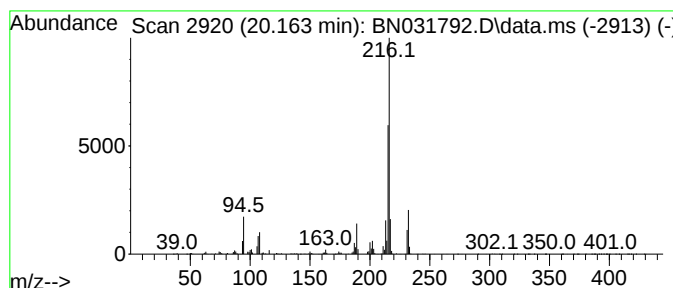
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 22 Pyrene, 4-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.163	4.19 ng/ul	17364600	Chrysene-d12	21.339	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	98
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	95
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031792.D
Acq On : 05 Jun 2024 01:26
Operator : MA/JU
Sample : P2591-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

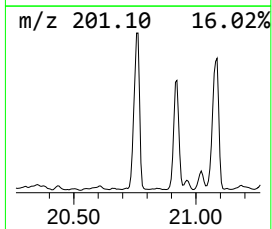
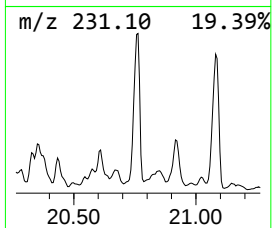
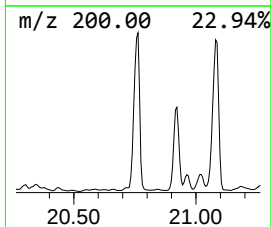
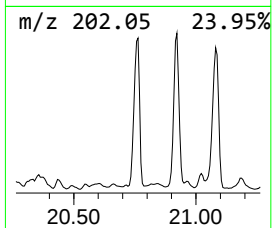
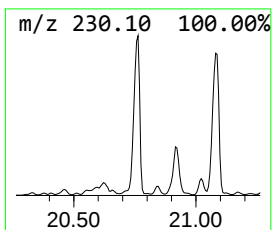
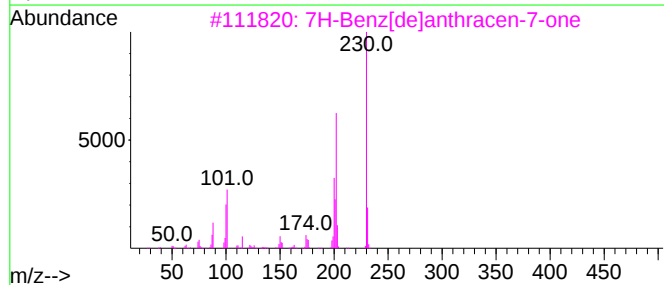
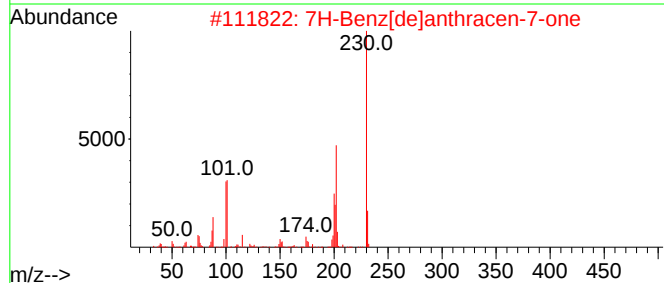
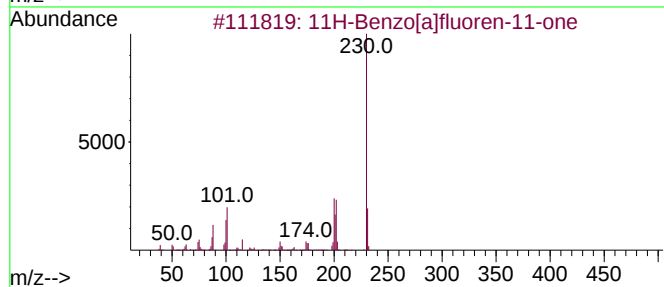
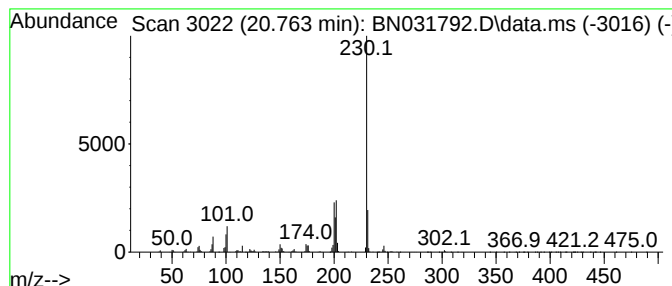
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 23 11H-Benzo[a]fluoren-11-one Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.763	5.93 ng/ul	24569300	Chrysene-d12	21.339	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031792.D
Acq On : 05 Jun 2024 01:26
Operator : MA/JU
Sample : P2591-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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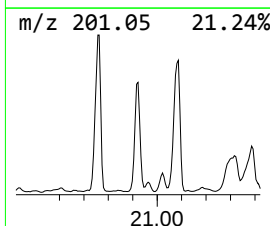
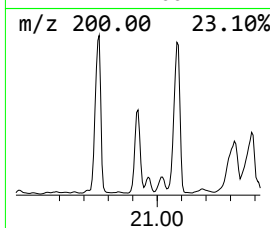
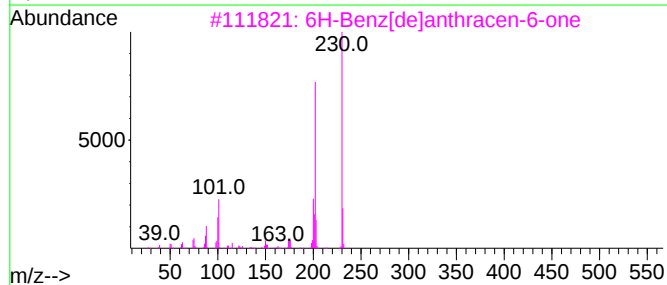
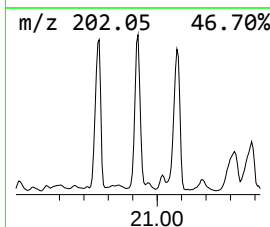
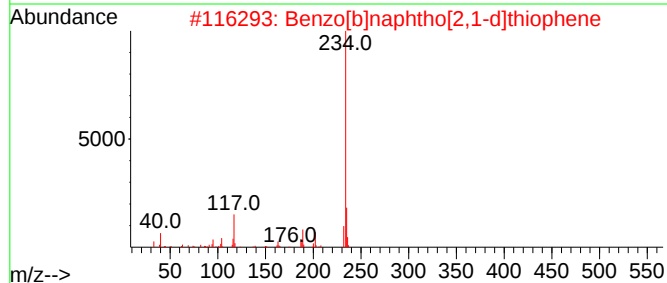
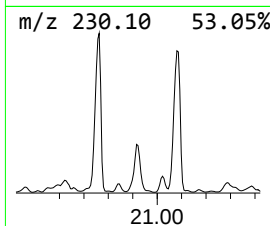
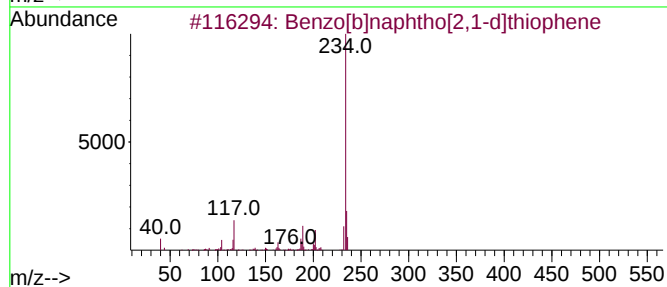
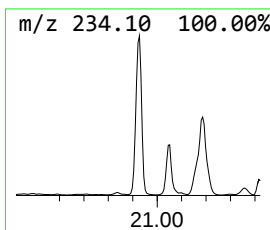
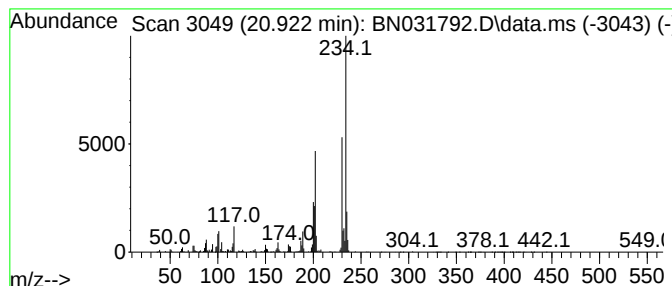
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 24 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.922	5.44 ng/ul	22526800	Chrysene-d12	21.339

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	93
2			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	86
3			6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	86
4			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	81
5			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031792.D
Acq On : 05 Jun 2024 01:26
Operator : MA/JU
Sample : P2591-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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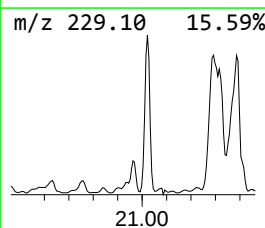
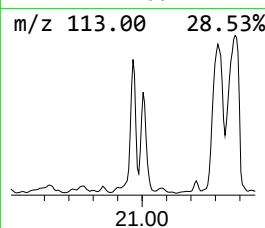
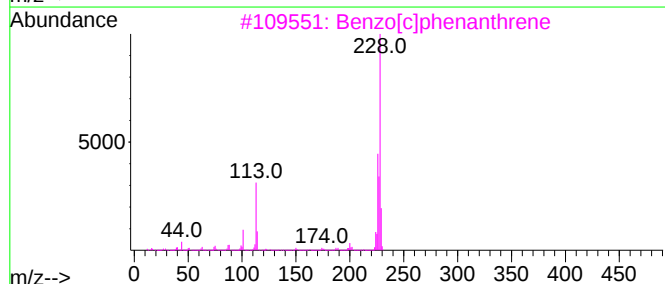
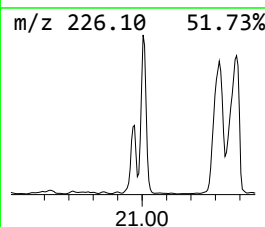
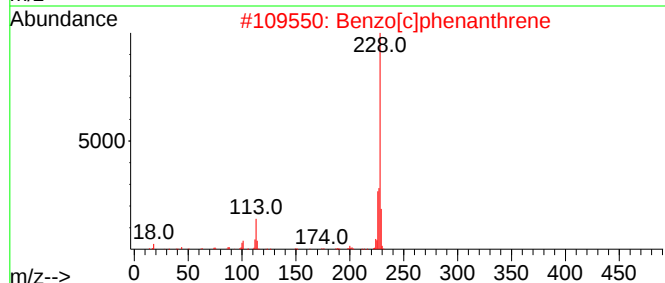
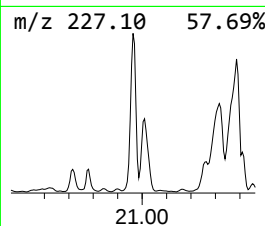
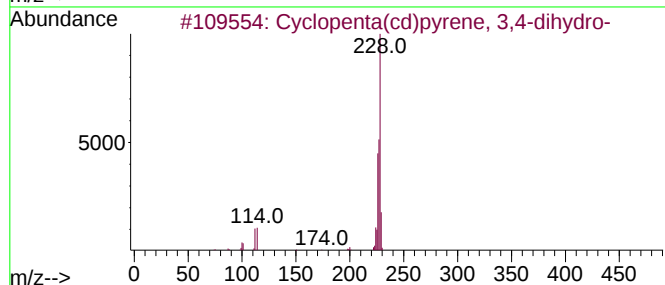
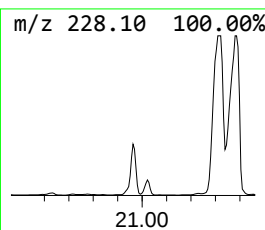
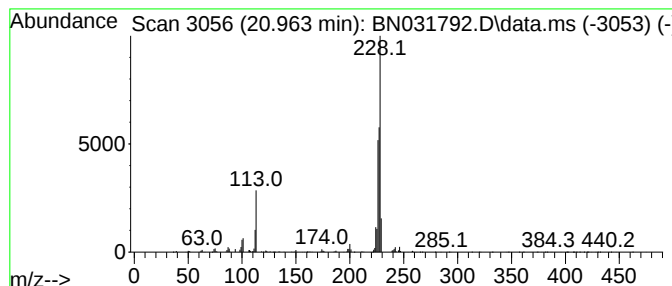
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 25 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.963	3.43 ng/ul	14230200	Chrysene-d12	21.339

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	78
2			Benzo[c]phenanthrene	228	C18H12	000195-19-7	62
3			Benzo[c]phenanthrene	228	C18H12	000195-19-7	53
4			Triphenylene	228	C18H12	000217-59-4	49
5			Benz[a]anthracene	228	C18H12	000056-55-3	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031792.D
Acq On : 05 Jun 2024 01:26
Operator : MA/JU
Sample : P2591-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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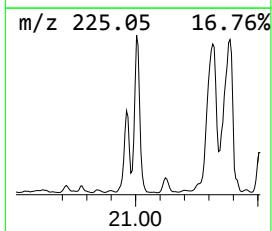
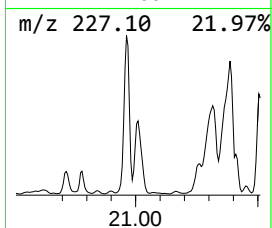
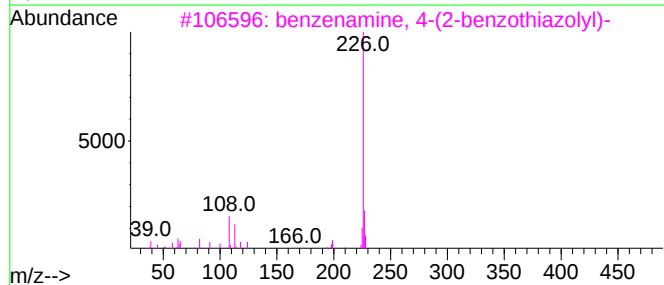
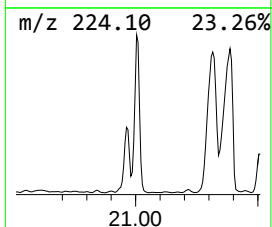
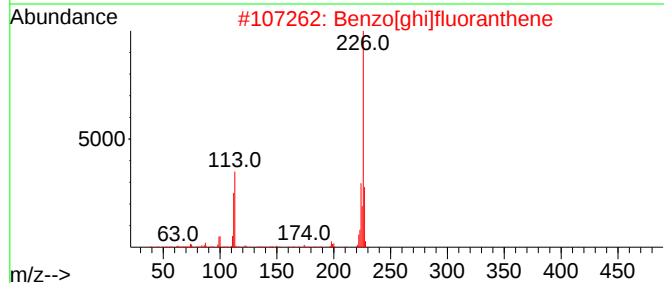
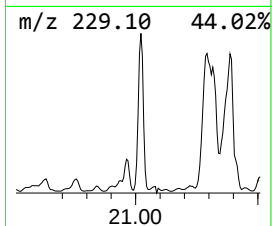
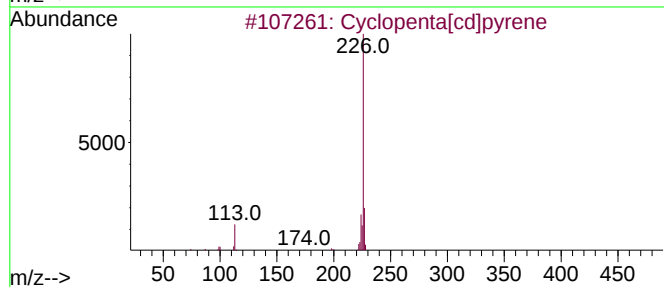
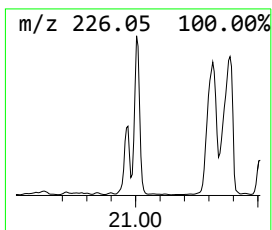
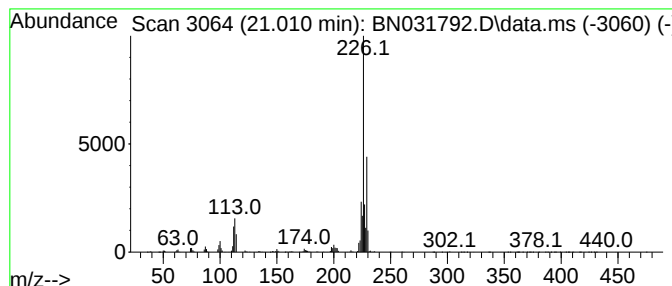
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 26 Cyclopenta[cd]pyrene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.010	4.46 ng/ul	18493400	Chrysene-d12	21.339

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	60
2			Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	53
3			benzenamine, 4-(2-benzothiazolyl)-	226	C13H10N2S	1000400-93-4	50
4			.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	49
5			1,1,3,3-Tetrachloro-1,3-disilacy...	224	C2H4Cl4Si2	002146-97-6	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031792.D
Acq On : 05 Jun 2024 01:26
Operator : MA/JU
Sample : P2591-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

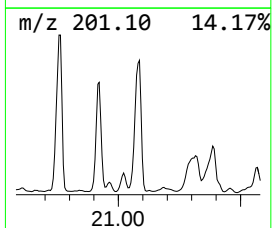
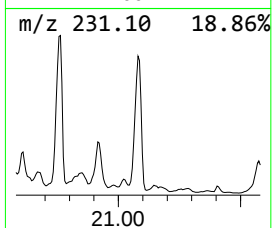
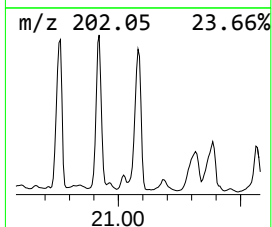
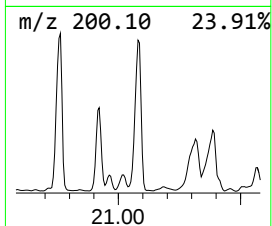
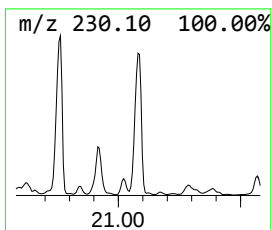
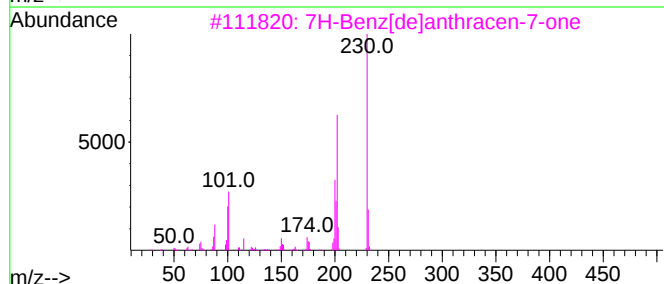
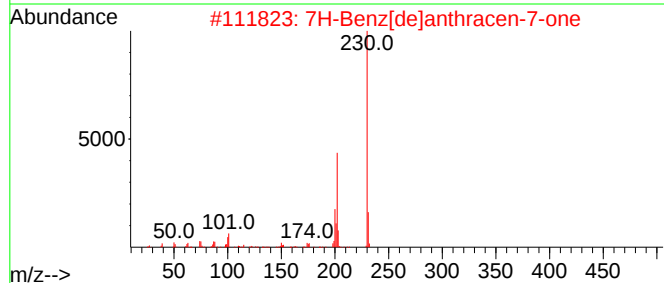
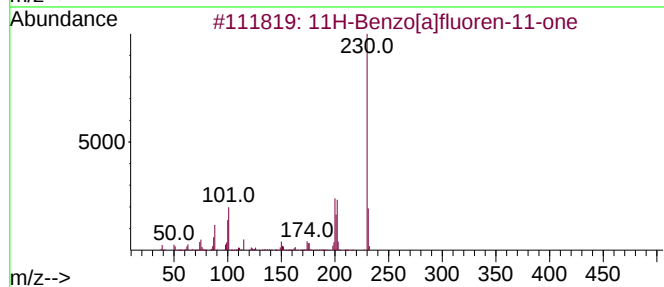
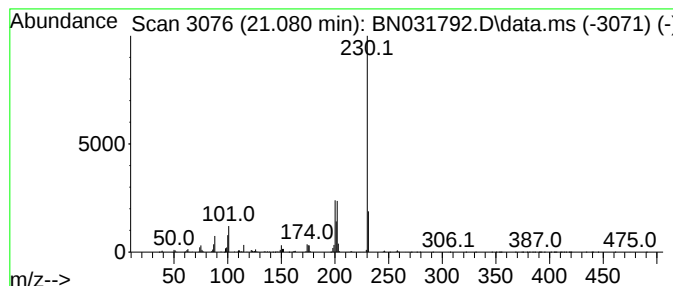
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 27 7H-Benz[de]anthracen-7-one Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.081	6.39 ng/ul	26491700	Chrysene-d12	21.339	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	91
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031792.D
Acq On : 05 Jun 2024 01:26
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Sample : P2591-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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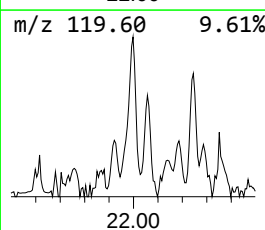
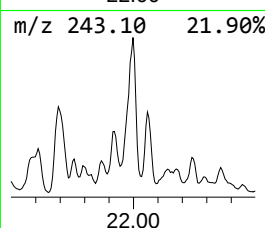
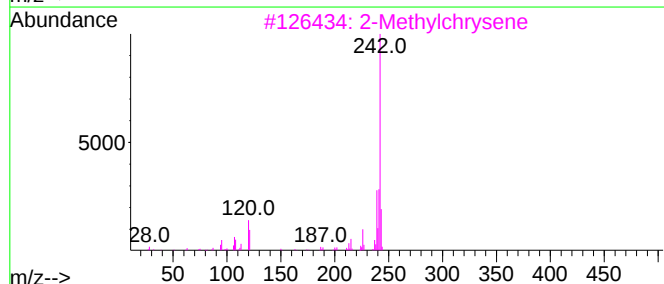
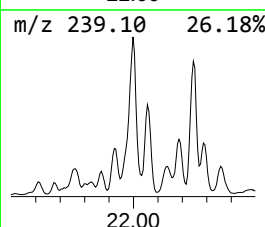
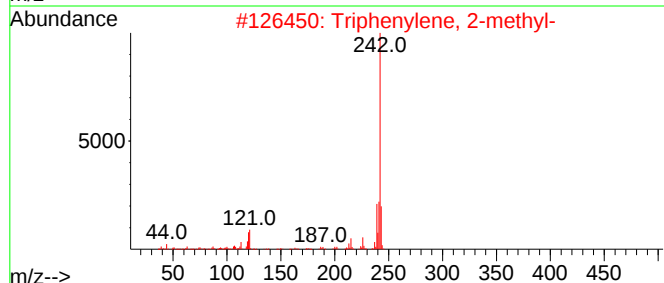
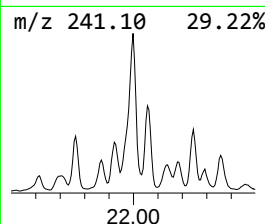
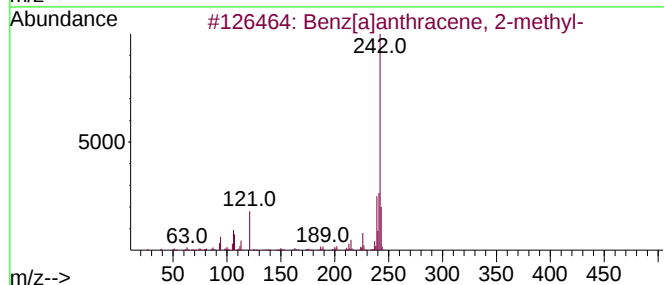
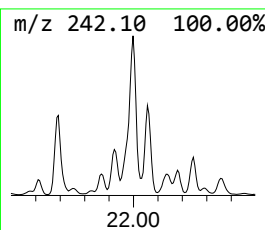
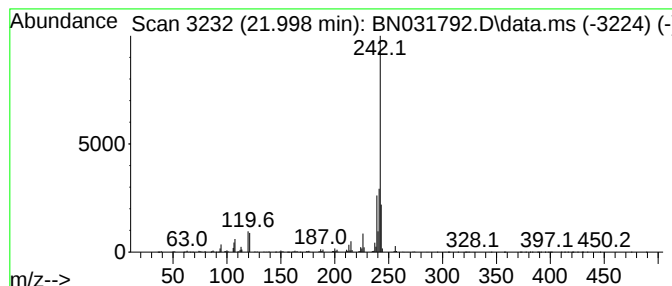
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 30 Benz[a]anthracene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.998	4.53 ng/ul	18750900	Chrysene-d12	21.339

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	96
2			Triphenylene, 2-methyl-	242	C19H14	001705-84-6	96
3			2-Methylchrysene	242	C19H14	003351-32-4	96
4			Chrysene, 3-methyl-	242	C19H14	003351-31-3	95
5			Chrysene, 1-methyl-	242	C19H14	003351-28-8	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031792.D
Acq On : 05 Jun 2024 01:26
Operator : MA/JU
Sample : P2591-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

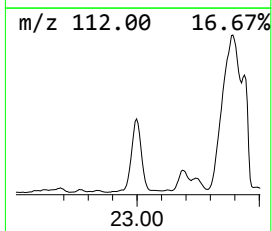
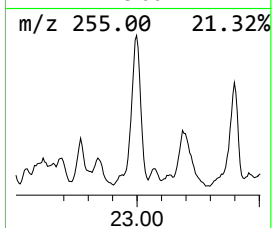
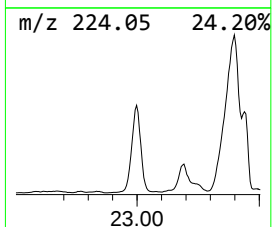
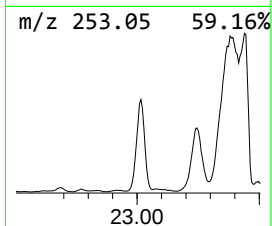
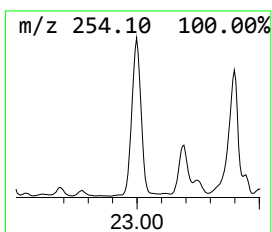
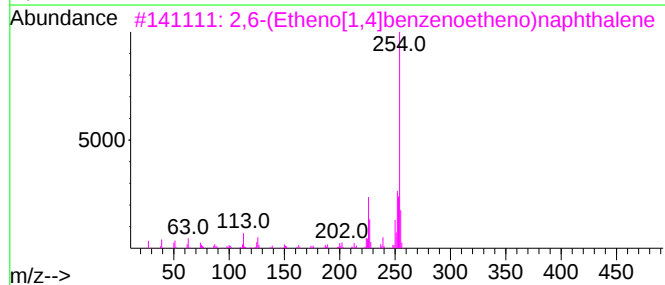
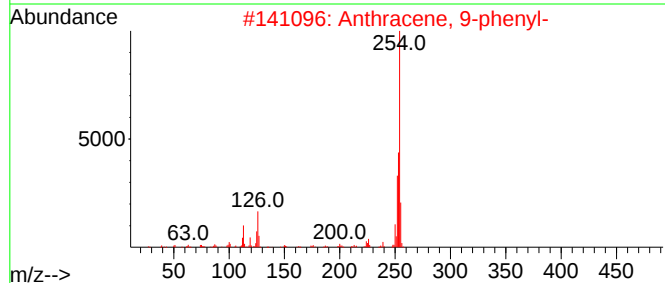
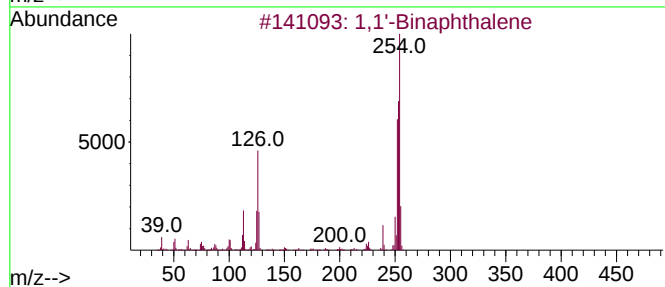
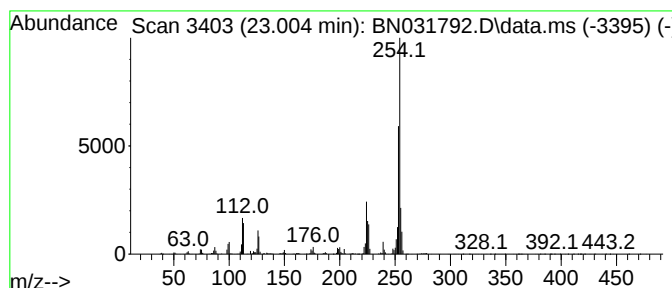
Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 32 1,1'-Binaphthalene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
23.004	137.73 ng/ul	17311100	Perylene-d12	24.280	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Binaphthalene	254	C20H14	000604-53-5	86
2	Anthracene, 9-phenyl-	254	C20H14	000602-55-1	70
3	2,6-(Etheno[1,4]benzenoetheno)na...	254	C20H14	117054-70-3	62
4	Anthracene, 9-phenyl-	254	C20H14	000602-55-1	62
5	9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031792.D
Acq On : 05 Jun 2024 01:26
Operator : MA/JU
Sample : P2591-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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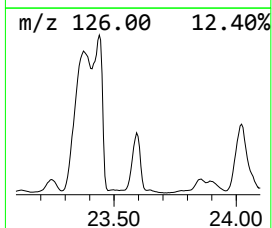
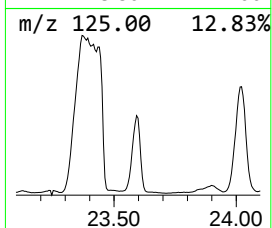
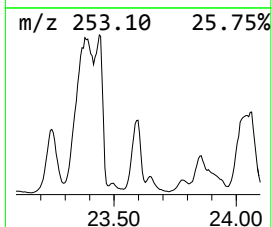
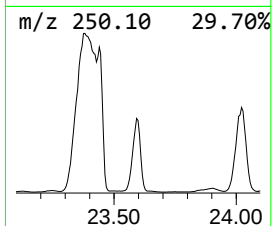
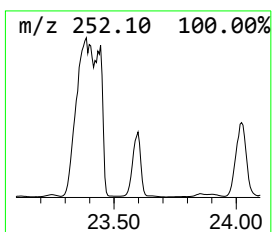
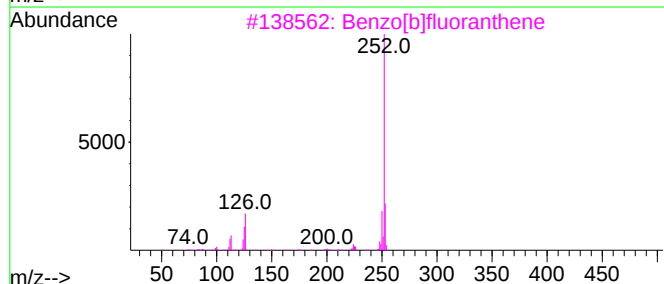
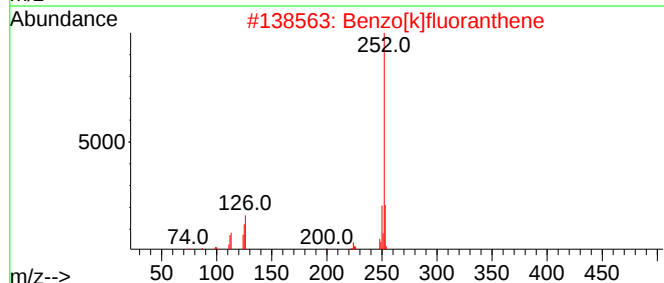
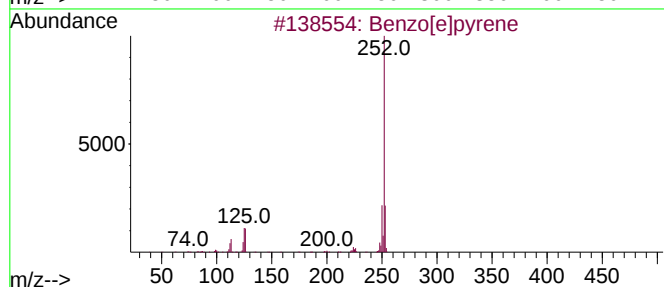
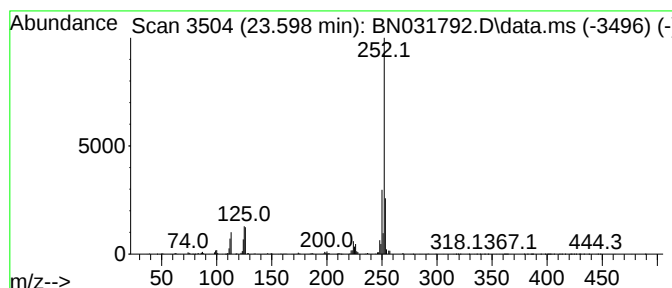
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 33 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.598	119.58 ng/ul	15029700	Perylene-d12	24.280

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	98
2			Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
3			Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
4			Benzo[j]fluoranthene	252	C20H12	000205-82-3	94
5			Benzo[b]fluoranthene	252	C20H12	000205-99-2	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031792.D
Acq On : 05 Jun 2024 01:26
Operator : MA/JU
Sample : P2591-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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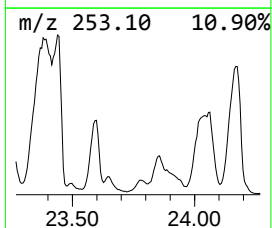
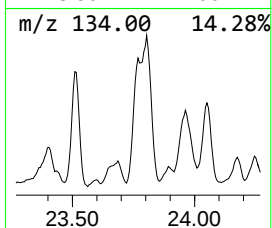
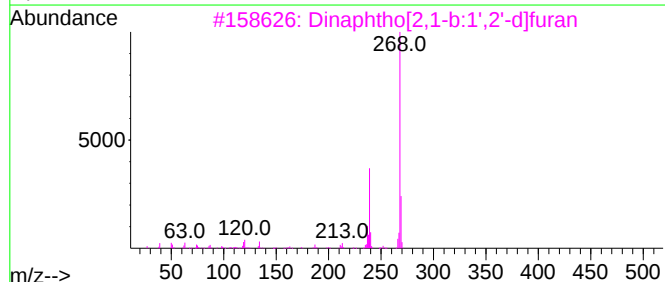
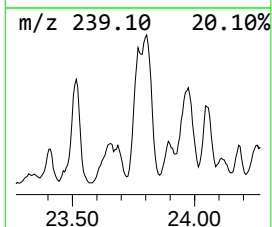
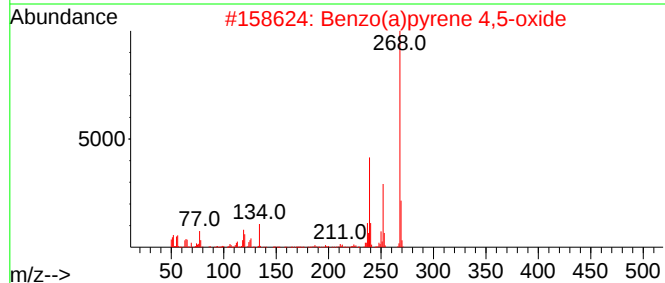
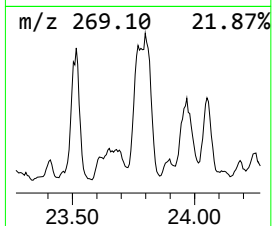
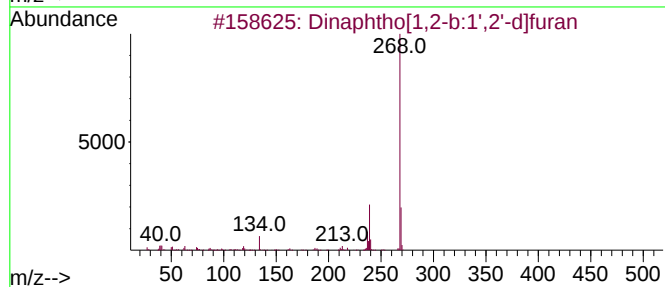
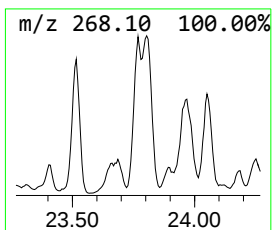
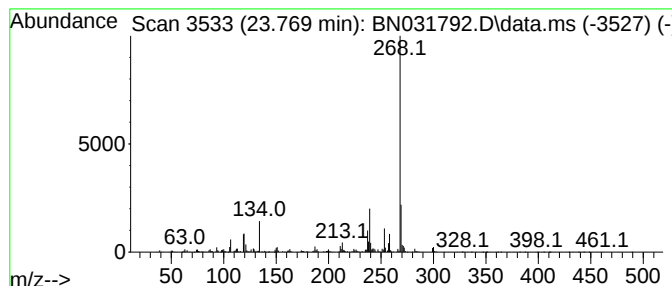
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 34 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.769	48.57 ng/ul	6105210	Perylene-d12	24.280

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	87
2			Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	86
3			Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	83
4			Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	76
5			Disperse Red 11	268	C15H12N2O3	002872-48-2	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031792.D
Acq On : 05 Jun 2024 01:26
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Sample : P2591-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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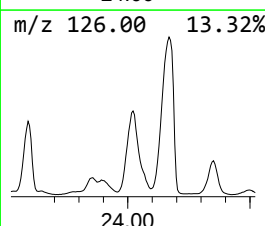
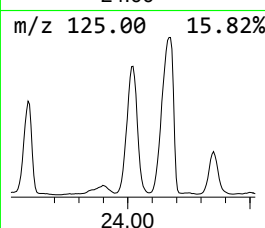
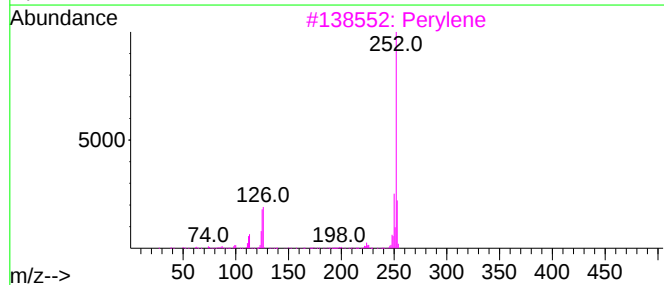
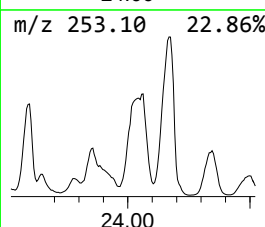
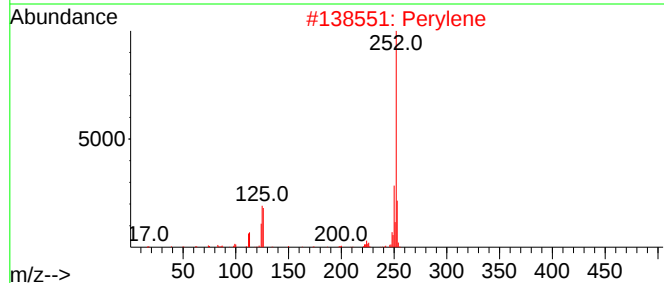
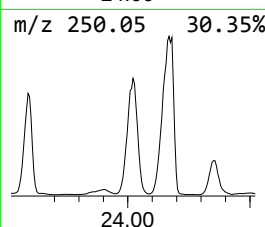
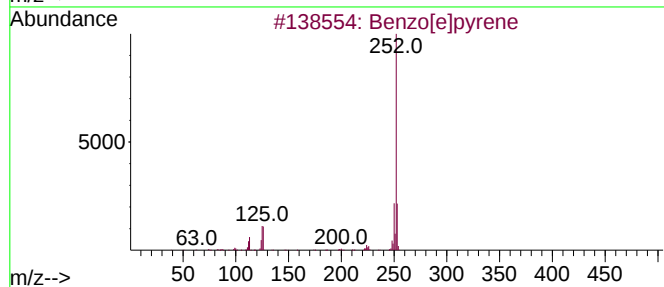
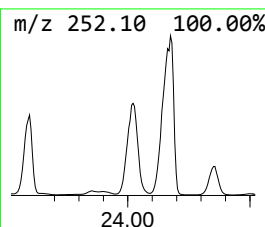
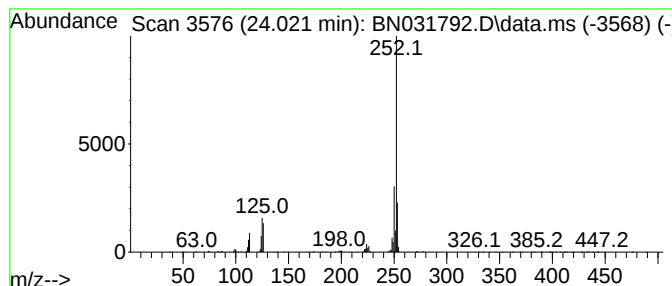
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 35 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.022	218.51 ng/ul	27463400	Perylene-d12	24.280

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	99
2			Perylene	252	C20H12	000198-55-0	98
3			Perylene	252	C20H12	000198-55-0	98
4			Benzo[a]pyrene	252	C20H12	000050-32-8	98
5			Benzo[k]fluoranthene	252	C20H12	000207-08-9	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031792.D
Acq On : 05 Jun 2024 01:26
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Sample : P2591-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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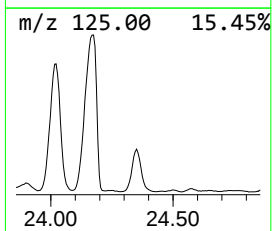
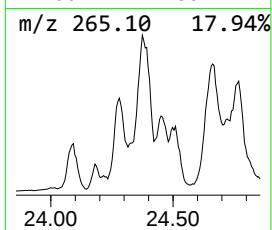
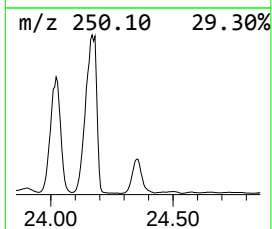
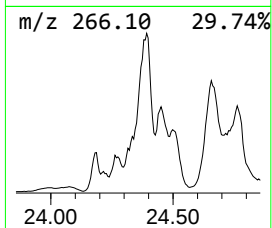
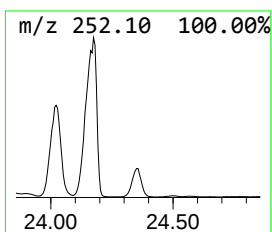
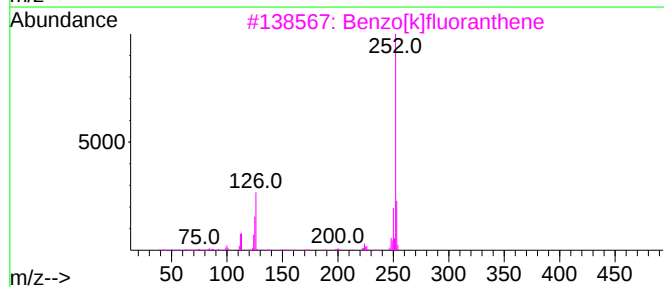
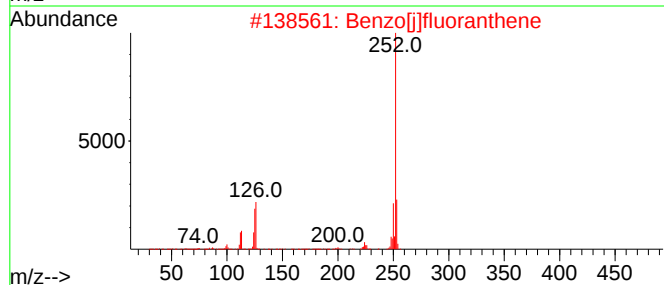
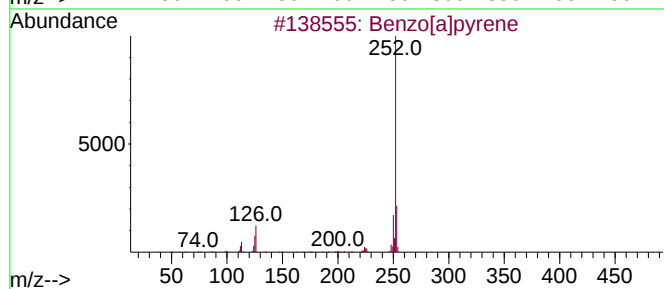
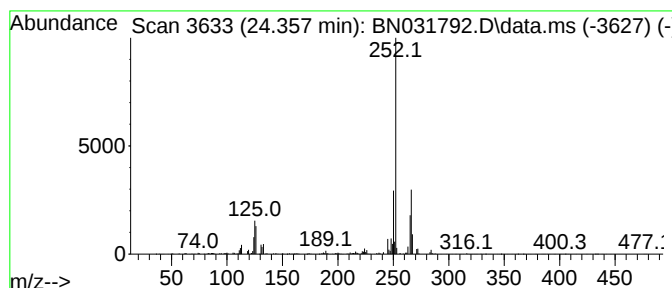
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 36 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.357	106.38 ng/ul	13370000	Perylene-d12	24.280

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[a]pyrene	252	C20H12	000050-32-8	49
2			Benzo[j]fluoranthene	252	C20H12	000205-82-3	49
3			Benzo[k]fluoranthene	252	C20H12	000207-08-9	49
4			Benzo[b]fluoranthene	252	C20H12	000205-99-2	46
5			Benzo[e]pyrene	252	C20H12	000192-97-2	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
 Data File : BN031792.D
 Acq On : 05 Jun 2024 01:26
 Operator : MA/JU
 Sample : P2591-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH5S8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST0.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Naphthalene, 2,...	13.640	12.8	ng/ul	4889930	3	14.322	7615390	20.0
Naphthalene, 1,...	13.881	6.2	ng/ul	2357490	3	14.322	7615390	20.0
Diphenylmethane	15.534	7.5	ng/ul	2837380	3	14.322	7615390	20.0
[1,1'-Biphenyl]...	15.669	18.6	ng/ul	7067890	3	14.322	7615390	20.0
9H-Fluoren-9-one	16.740	4.1	ng/ul	19000800	4	17.081	92891900	20.0
Dibenzothiophene	16.892	2.8	ng/ul	13104300	4	17.081	92891900	20.0
Phenanthrene, 2...	17.951	4.1	ng/ul	19209200	4	17.081	92891900	20.0
Phenanthrene, 1...	18.004	5.5	ng/ul	25482500	4	17.081	92891900	20.0
4H-Cyclopenta[d]...	18.151	5.6	ng/ul	26007200	4	17.081	92891900	20.0
Naphthalene, 2-...	18.457	2.9	ng/ul	13594400	4	17.081	92891900	20.0
9,10-Anthracene...	18.510	3.4	ng/ul	15738300	4	17.081	92891900	20.0
Cyclopenta(def)...	19.039	3.6	ng/ul	16609700	4	17.081	92891900	20.0
1,8-Anthracened...	19.386	3.1	ng/ul	12785000	5	21.339	82872000	20.0
Benzo[b]naphtho...	19.686	2.7	ng/ul	11070100	5	21.339	82872000	20.0
Indeno(1,2,3-ij...	19.757	2.8	ng/ul	11734300	5	21.339	82872000	20.0
Pyrene, 1-methyl-	19.839	4.9	ng/ul	20275700	5	21.339	82872000	20.0
Fluoranthene, 2...	19.969	3.7	ng/ul	15166400	5	21.339	82872000	20.0
11H-Benzo[b]flu...	20.004	2.8	ng/ul	11429400	5	21.339	82872000	20.0
Pyrene, 4-methyl-	20.163	4.2	ng/ul	17364600	5	21.339	82872000	20.0
11H-Benzo[a]flu...	20.763	5.9	ng/ul	24569300	5	21.339	82872000	20.0
Benzo[b]naphtho...	20.922	5.4	ng/ul	22526800	5	21.339	82872000	20.0
Cyclopenta(cd)p...	20.963	3.4	ng/ul	14230200	5	21.339	82872000	20.0
Cyclopenta[cd]p...	21.010	4.5	ng/ul	18493400	5	21.339	82872000	20.0
7H-Benz[de]anth...	21.081	6.4	ng/ul	26491700	5	21.339	82872000	20.0
Benz[a]anthrace...	21.998	4.5	ng/ul	18750900	5	21.339	82872000	20.0
1,1'-Binaphthalene	23.004	137.7	ng/ul	17311100	6	24.280	2513740	20.0
Benzo[e]pyrene	23.598	119.6	ng/ul	15029700	6	24.280	2513740	20.0
Dinaphtho[1,2-b...	23.769	48.6	ng/ul	6105210	6	24.280	2513740	20.0
Perylene	24.022	218.5	ng/ul	27463400	6	24.280	2513740	20.0
unknown-01	24.357	106.4	ng/ul	13370000	6	24.280	2513740	20.0