

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053124\
 Data File : BN031742.D
 Acq On : 31 May 2024 14:59
 Operator : MA/JU
 Sample : P2549-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH619

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: BN031742.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.193	31	35	42	rVB	76442	104923	1.22%	0.068%
2	3.599	100	104	117	rBV2	518973	838365	9.71%	0.542%
3	3.699	117	121	130	rVV	348592	482694	5.59%	0.312%
4	6.852	647	657	665	rBV	1481681	2365464	27.40%	1.531%
5	7.022	678	686	698	rVB	1261004	1958769	22.69%	1.267%
6	7.216	712	719	727	rVV	1479081	2405601	27.86%	1.557%
7	7.681	789	798	805	rBV	1707451	2713463	31.43%	1.756%
8	8.387	911	918	925	rVV	1478590	2434643	28.20%	1.575%
9	8.840	987	995	1002	rVV	1404402	2382913	27.60%	1.542%
10	9.404	1084	1091	1098	rVB	98003	156038	1.81%	0.101%
11	9.551	1108	1116	1123	rBV	1151995	1919679	22.24%	1.242%
12	10.087	1199	1207	1217	rVB	1885313	3120102	36.14%	2.019%
13	10.463	1263	1271	1278	rBV	2365509	4149223	48.06%	2.685%
14	10.604	1286	1295	1318	rVV	689978	1331571	15.42%	0.862%
15	11.210	1391	1398	1410	rVV	223490	460334	5.33%	0.298%
16	12.128	1549	1554	1563	rVB	59845	106590	1.23%	0.069%
17	12.351	1586	1592	1601	rVB	60694	99468	1.15%	0.064%
18	13.151	1723	1728	1735	rVB2	82458	128326	1.49%	0.083%
19	13.645	1806	1812	1816	rBV	84704	142042	1.65%	0.092%
20	13.740	1822	1828	1834	rBV	3204476	4334654	50.21%	2.805%
21	14.016	1863	1875	1888	rBV2	3629928	6175206	71.53%	3.996%
22	14.322	1918	1927	1934	rBV	3485127	5299833	61.39%	3.429%
23	14.387	1934	1938	1947	rVB3	94107	173792	2.01%	0.112%
24	14.528	1955	1962	1971	rBV	1004442	1724489	19.98%	1.116%
25	14.681	1983	1988	1992	rBV	107204	161656	1.87%	0.105%
26	14.722	1992	1995	2003	rVB2	87701	187538	2.17%	0.121%
27	14.939	2024	2032	2037	rBV4	71090	163099	1.89%	0.106%
28	15.116	2055	2062	2066	rBV6	51701	126542	1.47%	0.082%
29	15.322	2090	2097	2102	rVV	4367886	6586892	76.30%	4.262%
30	15.375	2102	2106	2113	rVV3	143308	258731	3.00%	0.167%
31	15.439	2113	2117	2124	rVV	638945	885592	10.26%	0.573%
32	15.586	2131	2142	2150	rVB7	51792	148611	1.72%	0.096%
33	15.669	2150	2156	2161	rBV2	71212	134032	1.55%	0.087%
34	15.816	2177	2181	2188	rVB2	63620	136784	1.58%	0.089%
35	16.045	2215	2220	2228	rBV2	170160	304757	3.53%	0.197%
36	16.381	2270	2277	2281	rVV4	64335	125976	1.46%	0.082%

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Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
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37	16.728	2331	2336	2343	rVB2	176778	297657	3.45%	0.193%
38	16.886	2359	2363	2372	rVB	154166	238945	2.77%	0.155%
39	16.980	2375	2379	2386	rBV4	94526	188840	2.19%	0.122%
40	17.069	2387	2394	2398	rBV	3589277	5457941	63.22%	3.532%
41	17.116	2398	2402	2406	rVV	2722959	3866516	44.79%	2.502%
42	17.169	2406	2411	2416	rVV	4307224	6377287	73.87%	4.126%
43	17.204	2416	2417	2422	rVB	500075	401462	4.65%	0.260%
44	17.257	2422	2426	2432	rBV3	110950	197445	2.29%	0.128%
45	17.380	2445	2447	2453	rVB2	78085	101457	1.18%	0.066%
46	17.451	2454	2459	2460	rBV2	95988	134151	1.55%	0.087%
47	17.475	2460	2463	2467	rVB	205178	272546	3.16%	0.176%
48	17.592	2478	2483	2488	rVV2	103634	171800	1.99%	0.111%
49	17.651	2489	2493	2500	rVB	171114	263812	3.06%	0.171%
50	17.792	2513	2517	2522	rVB	64998	120233	1.39%	0.078%
51	17.863	2525	2529	2534	rBV3	91257	127680	1.48%	0.083%
52	17.945	2538	2543	2545	rBV	700638	912808	10.57%	0.591%
53	17.980	2545	2549	2557	rVV2	1337662	2962475	34.32%	1.917%
54	18.045	2557	2560	2563	rVV	189490	248084	2.87%	0.161%
55	18.075	2563	2565	2570	rVB	139493	159224	1.84%	0.103%
56	18.139	2570	2576	2580	rBV2	845778	1554966	18.01%	1.006%
57	18.175	2580	2582	2590	rVB	508513	638029	7.39%	0.413%
58	18.269	2594	2598	2600	rBV4	116590	162330	1.88%	0.105%
59	18.339	2607	2610	2615	rVB4	91420	135947	1.57%	0.088%
60	18.451	2624	2629	2632	rBV	402246	551102	6.38%	0.357%
61	18.492	2632	2636	2642	rVB2	527918	724575	8.39%	0.469%
62	18.698	2668	2671	2675	rVV2	209024	255502	2.96%	0.165%
63	18.745	2675	2679	2683	rVV	269067	361436	4.19%	0.234%
64	18.786	2683	2686	2690	rVB	203830	260184	3.01%	0.168%
65	18.875	2692	2701	2705	rBV	644534	1165469	13.50%	0.754%
66	18.927	2705	2710	2713	rVV4	269695	564362	6.54%	0.365%
67	18.963	2713	2716	2720	rVB	190783	232088	2.69%	0.150%
68	19.010	2720	2724	2731	rBV	430289	797382	9.24%	0.516%
69	19.133	2739	2745	2752	rBV	6475824	8633108	100.00%	5.586%
70	19.198	2753	2756	2759	rBV	108833	128774	1.49%	0.083%
71	19.233	2759	2762	2764	rBV3	147657	170293	1.97%	0.110%
72	19.263	2764	2767	2774	rVB2	407050	831250	9.63%	0.538%
73	19.380	2783	2787	2790	rBV	182866	231584	2.68%	0.150%
74	19.469	2797	2802	2804	rBV2	4912196	6573129	76.14%	4.253%
75	19.498	2804	2807	2815	rVB	5694576	7847528	90.90%	5.078%
76	19.574	2815	2820	2823	rBV2	322033	511596	5.93%	0.331%

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77	19.610	2823	2826	2831	rVB	515702	637126	7.38%	0.412%
78	19.680	2834	2838	2842	rVB	197364	301938	3.50%	0.195%
79	19.739	2844	2848	2853	rVB2	238683	419132	4.85%	0.271%
80	19.827	2857	2863	2869	rBV2	468740	1159260	13.43%	0.750%
81	19.957	2881	2885	2888	rBV5	355137	650522	7.54%	0.421%
82	19.992	2888	2891	2895	rVB	760588	991650	11.49%	0.642%
83	20.098	2905	2909	2912	rBV	448625	602583	6.98%	0.390%
84	20.151	2915	2918	2923	rVB2	551560	829316	9.61%	0.537%
85	20.292	2939	2942	2946	rBV2	410402	507014	5.87%	0.328%
86	20.339	2947	2950	2955	rVV	398901	580991	6.73%	0.376%
87	20.404	2959	2961	2966	rVB	449554	503489	5.83%	0.326%
88	20.563	2984	2988	2991	rBV	359923	507764	5.88%	0.329%
89	20.745	3015	3019	3025	rBV	608672	929281	10.76%	0.601%
90	20.957	3052	3055	3058	rBV	409639	500602	5.80%	0.324%
91	20.998	3058	3062	3068	rVV2	1133437	1904371	22.06%	1.232%
92	21.057	3069	3072	3080	rVB	582982	889407	10.30%	0.575%
93	21.221	3096	3100	3104	rVV	1584959	1913019	22.16%	1.238%
94	21.304	3107	3114	3119	rVV3	3538296	8553754	99.08%	5.535%
95	21.351	3119	3122	3133	rVB	2549659	3738566	43.30%	2.419%
96	23.321	3450	3457	3464	rBV2	1880632	5849680	67.76%	3.785%
97	23.974	3563	3568	3574	rBV	939862	2084185	24.14%	1.349%
98	24.045	3575	3580	3586	rVV2	1677910	3794098	43.95%	2.455%
99	24.110	3586	3591	3604	rVB	1727997	4071642	47.16%	2.635%
100	24.251	3608	3615	3622	rBV	1378214	3567463	41.32%	2.308%

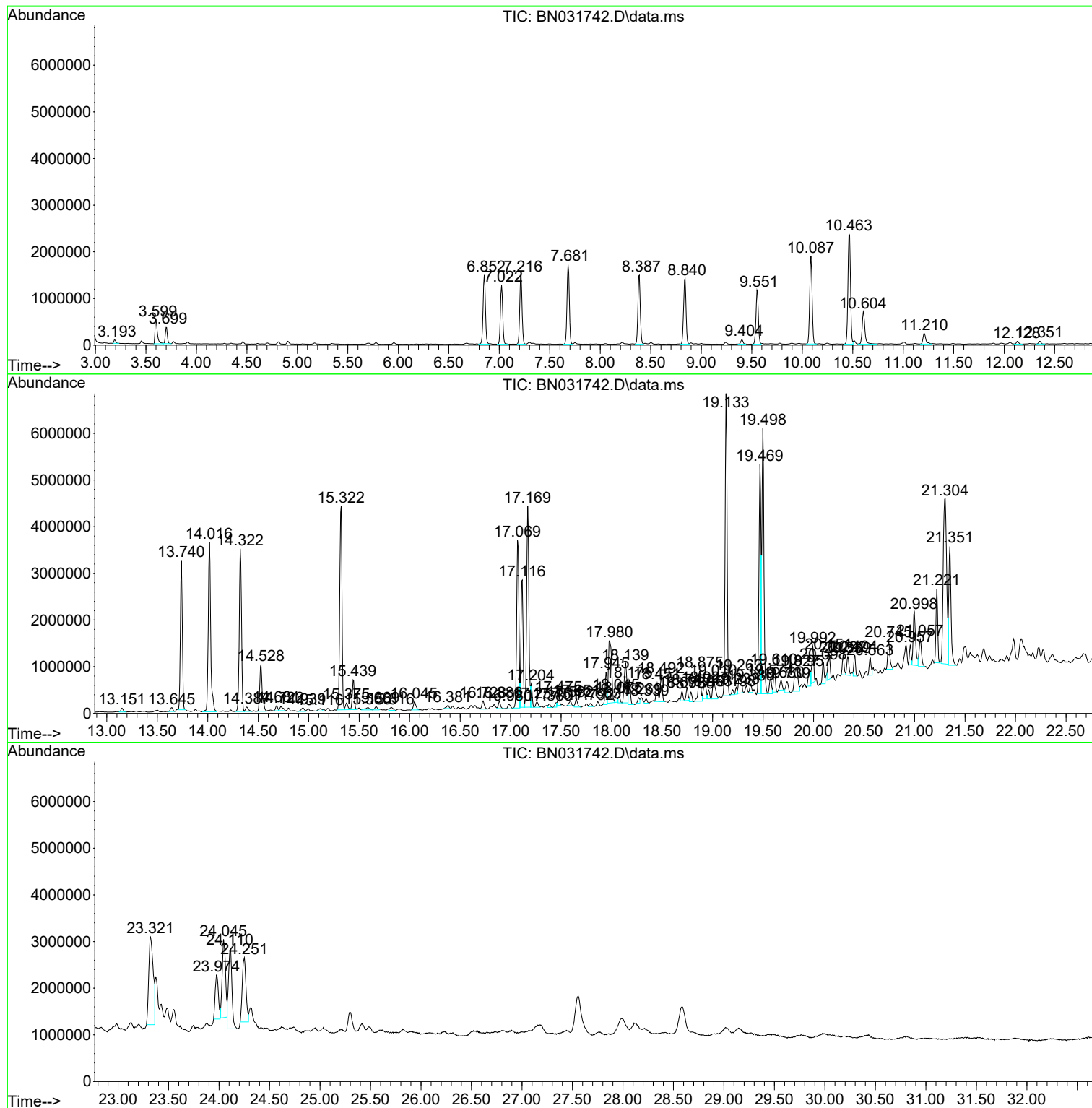
Sum of corrected areas: 154546242

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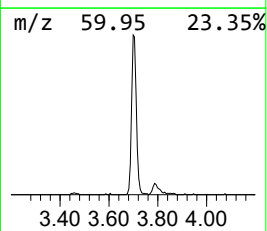
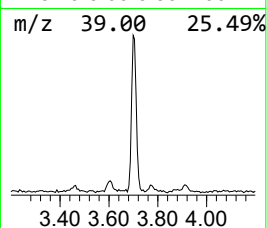
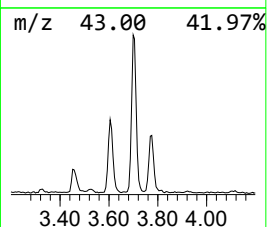
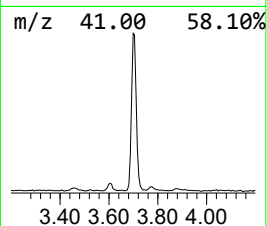
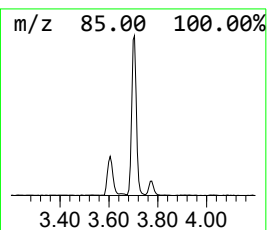
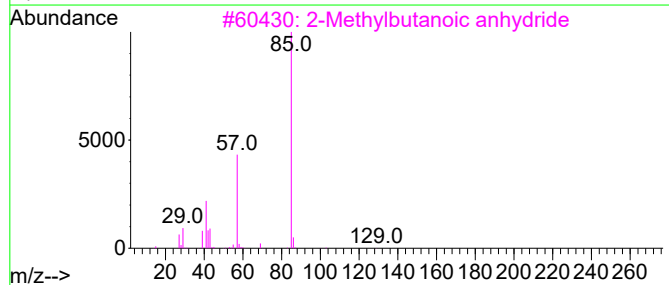
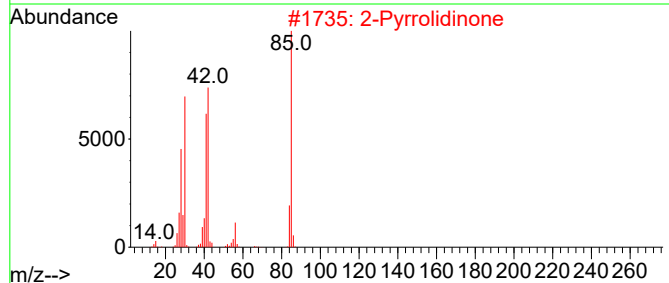
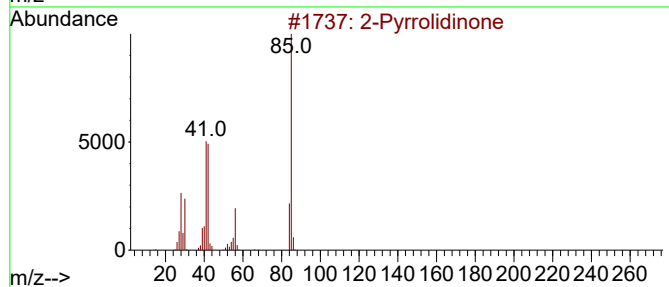
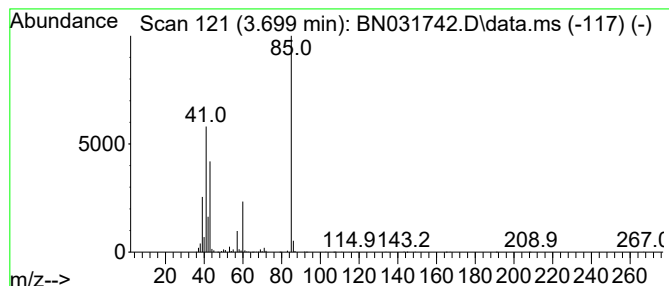
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.699	3.56 ng/ul	482694	1,4-Dichlorobenzene-d4	7.681

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pyrrolidinone			85	C4H7NO	000616-45-5	33
2	2-Pyrrolidinone			85	C4H7NO	000616-45-5	9
3	2-Methylbutanoic anhydride			186	C10H18O3	001468-39-9	9
4	Butane, 1-isocyano-			83	C5H9N	002769-64-4	9
5	2-Furanmethanol, tetrahydro-5-me...			116	C6H12O2	054774-28-6	9



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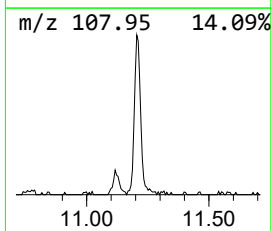
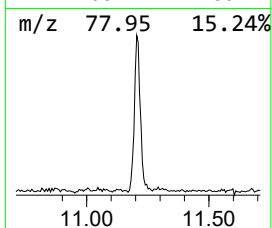
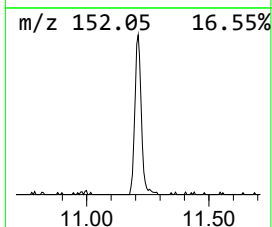
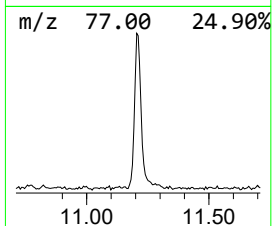
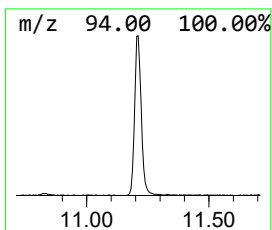
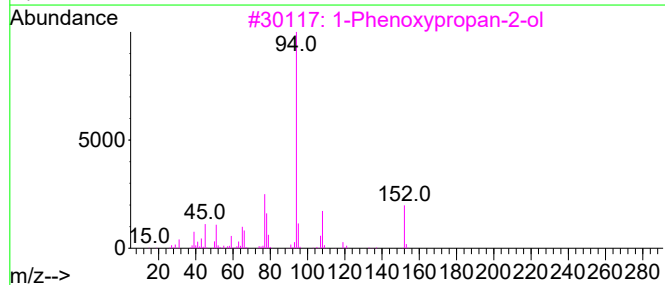
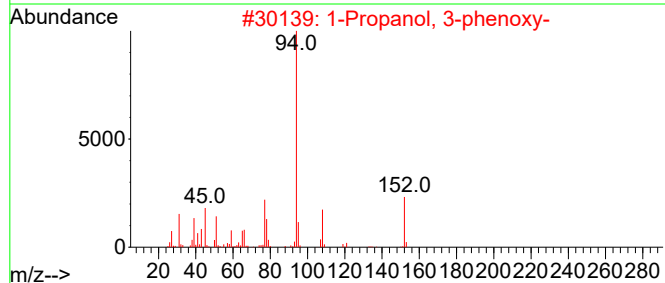
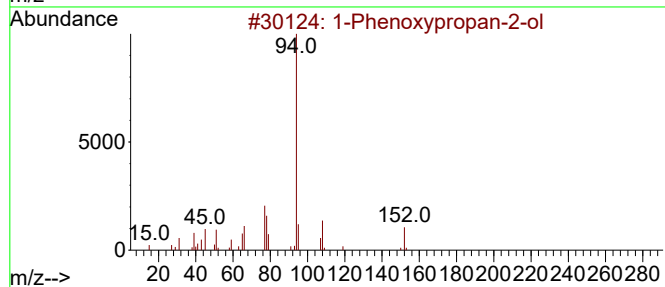
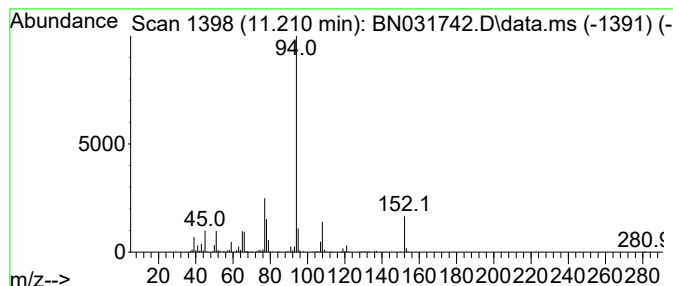
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 1-Phenoxypropan-2-ol Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.210	2.22 ng/ul	460334	Naphthalene-d8	10.469

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	96
2			1-Propanol, 3-phenoxy-	152	C9H12O2	006180-61-6	83
3			1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	70
4			1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	64
5			Ethanol, 2-phenoxy-	138	C8H10O2	000122-99-6	64



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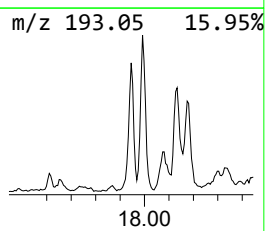
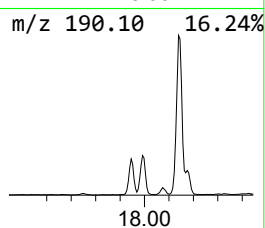
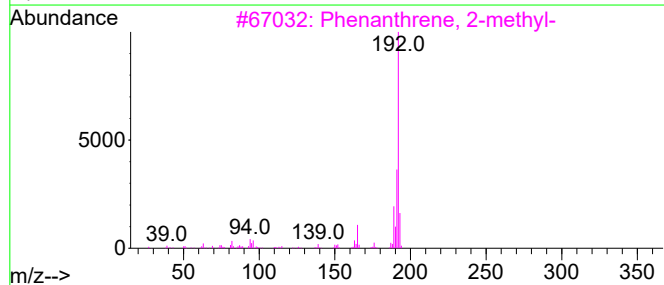
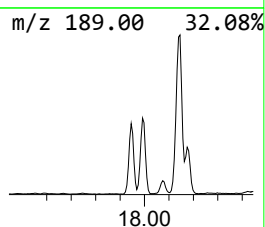
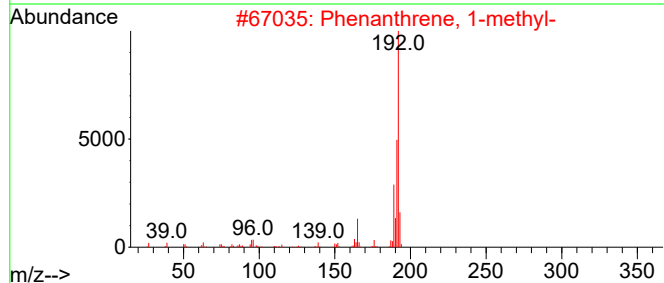
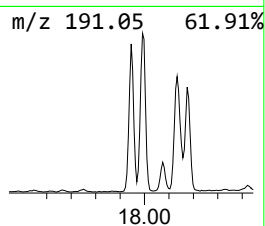
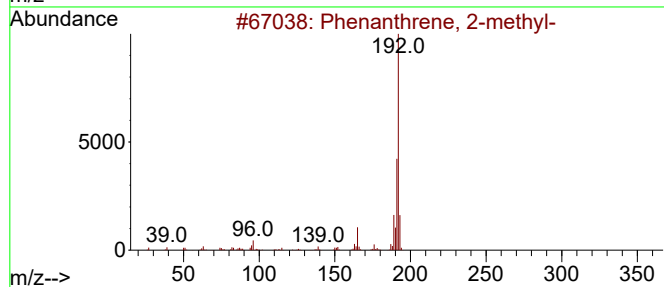
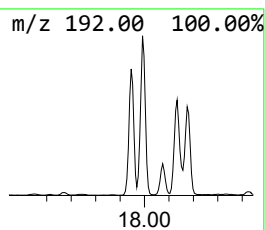
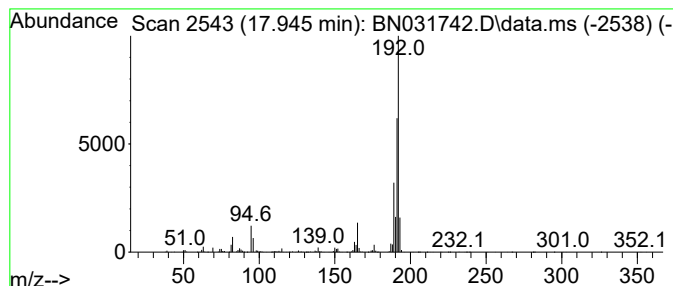
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.945	3.34 ng/ul	912808	Phenanthrene-d10	17.069

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
4			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5			Anthracene, 1-methyl-	192	C15H12	000610-48-0	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053124\
Data File : BN031742.D
Acq On : 31 May 2024 14:59
Operator : MA/JU
Sample : P2549-02
Misc :
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Instrument :
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ClientSampleId :
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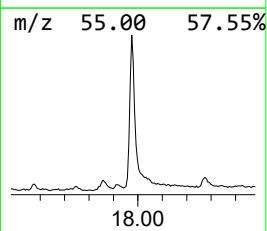
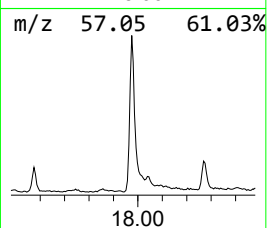
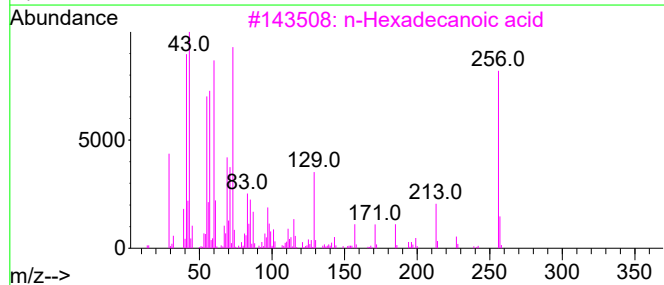
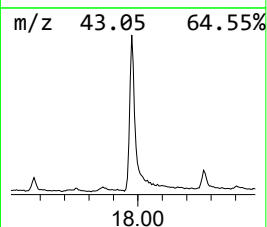
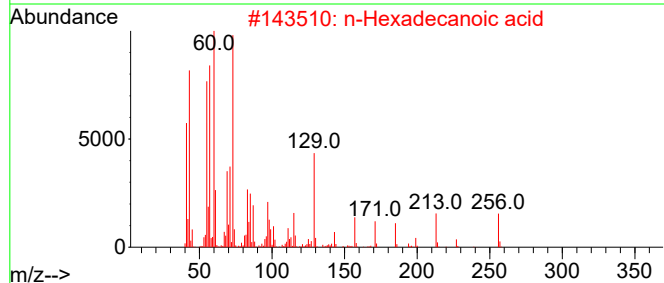
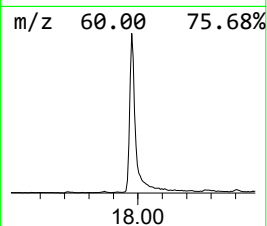
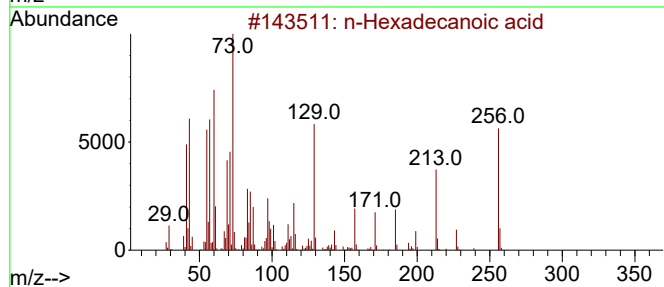
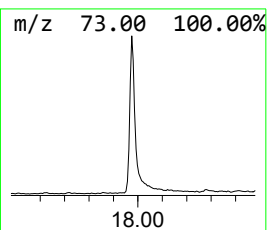
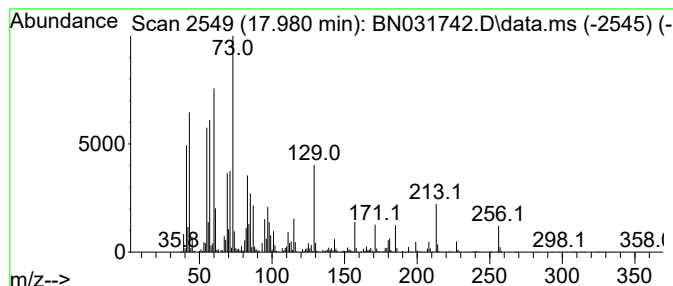
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.980	10.86 ng/ul	2962480	Phenanthrene-d10	17.069

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
4			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
5			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053124\
Data File : BN031742.D
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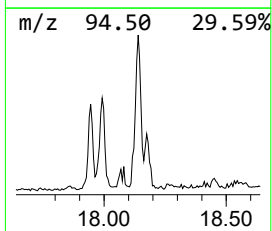
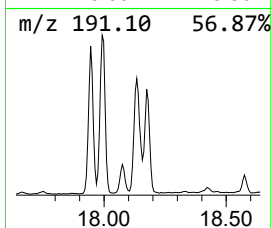
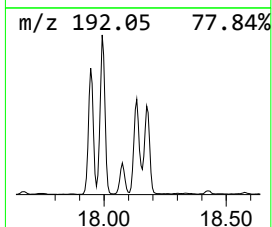
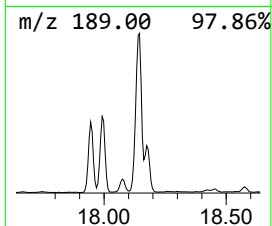
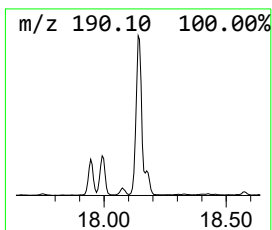
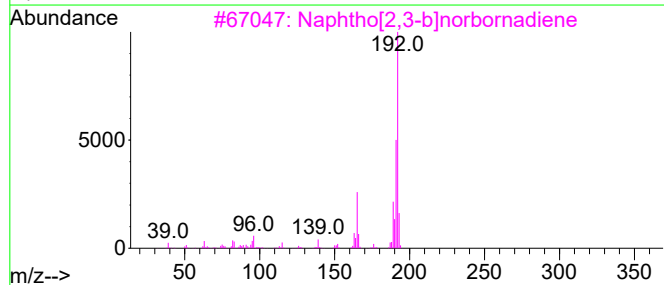
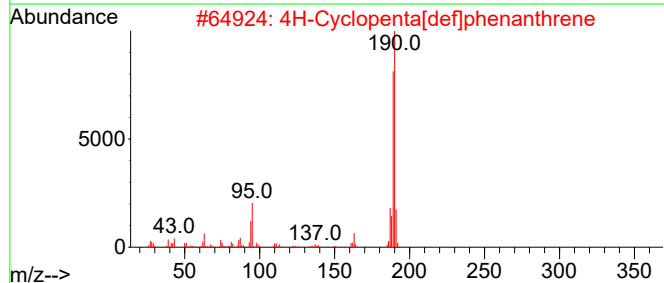
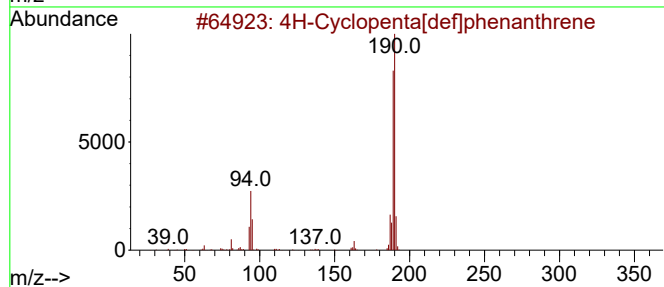
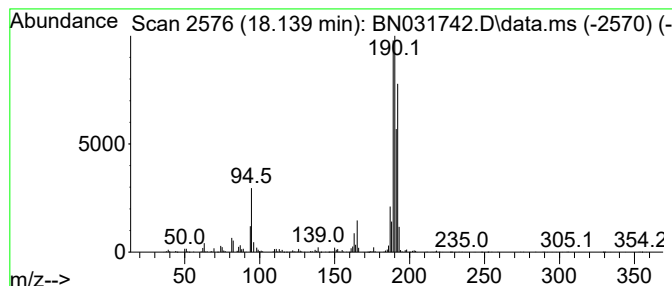
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.139	5.70 ng/ul	1554970	Phenanthrene-d10	17.069

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50
3			Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	38
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	38
5			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053124\
Data File : BN031742.D
Acq On : 31 May 2024 14:59
Operator : MA/JU
Sample : P2549-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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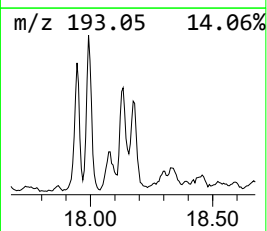
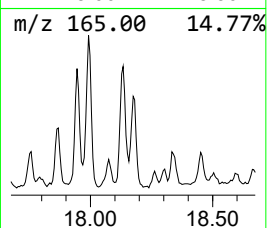
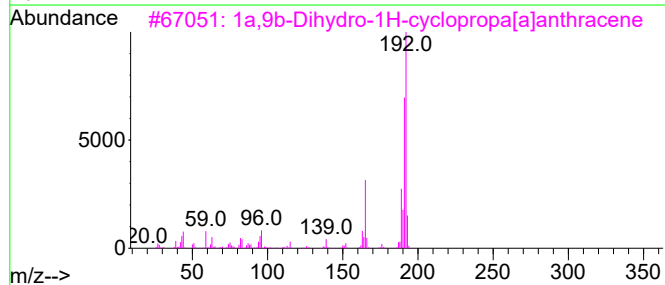
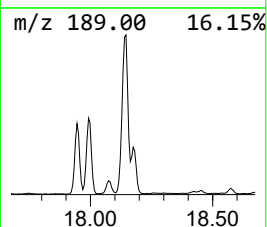
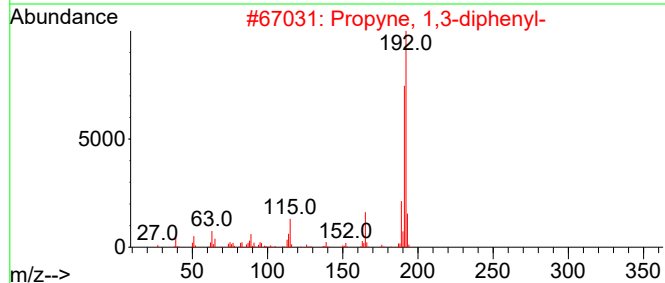
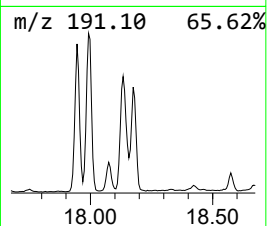
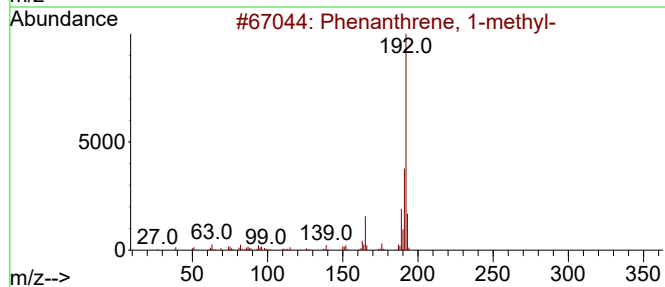
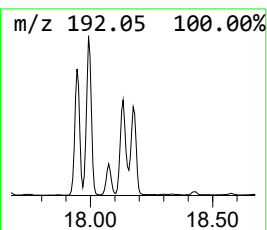
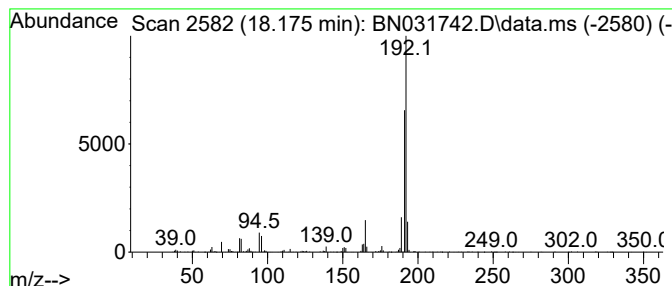
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.175	2.34 ng/ul	638029	Phenanthrene-d10	17.069

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2			Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	90
3			1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	90
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
5			Anthracene, 9-methyl-	192	C15H12	000779-02-2	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053124\
Data File : BN031742.D
Acq On : 31 May 2024 14:59
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Sample : P2549-02
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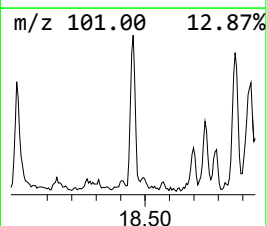
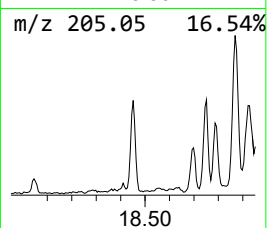
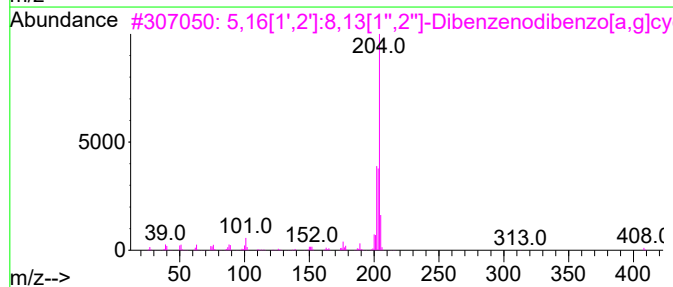
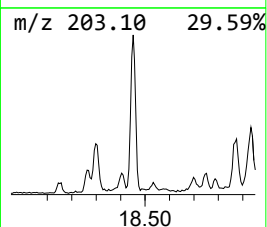
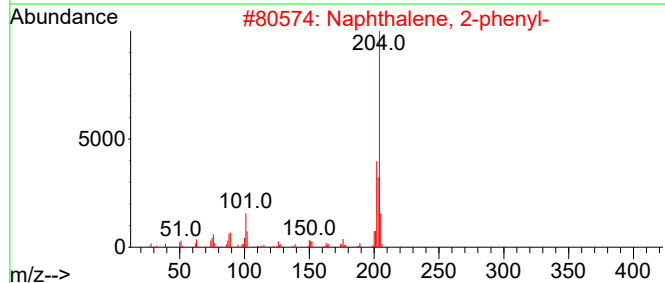
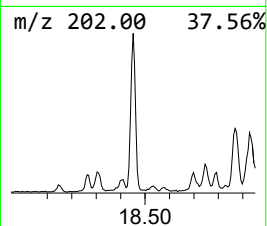
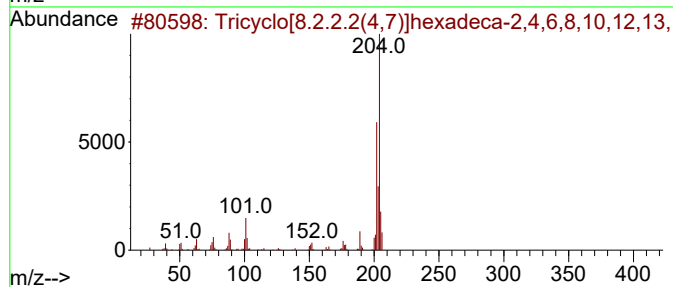
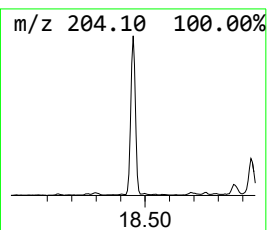
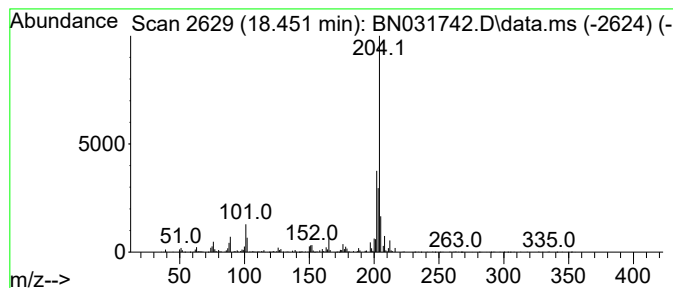
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Tricyclo[8.2.2.2(4,7)]hexad... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.451	2.02 ng/ul	551102	Phenanthrene-d10	17.069

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	90
2			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
3			5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
4			6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	86
5			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053124\
Data File : BN031742.D
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Misc :
ALS Vial : 8 Sample Multiplier: 1

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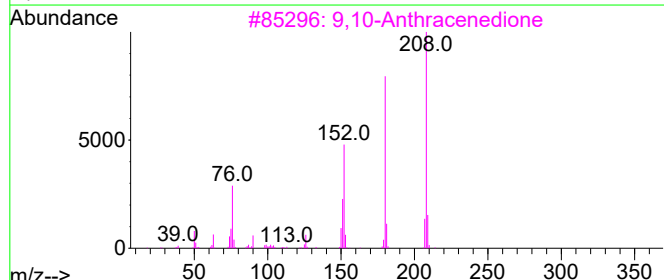
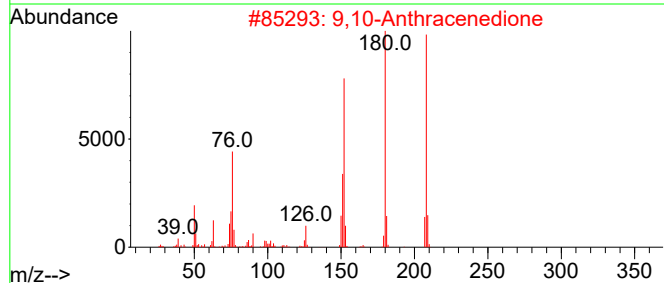
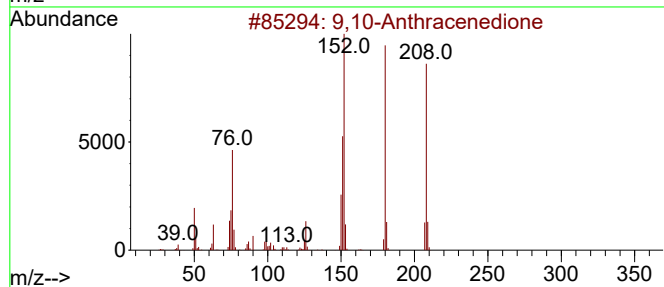
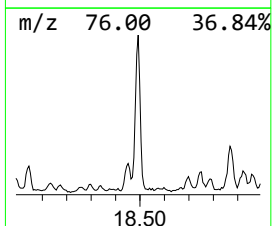
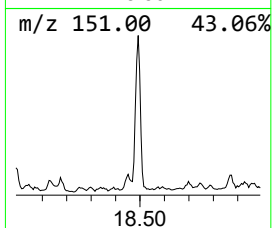
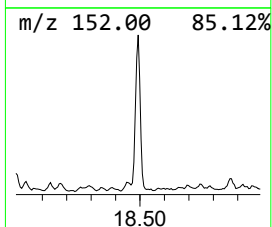
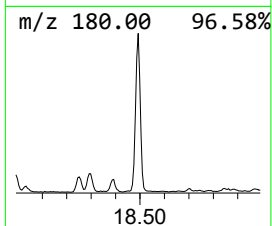
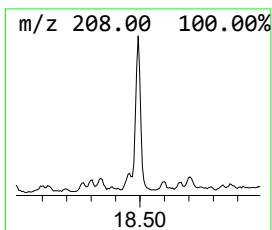
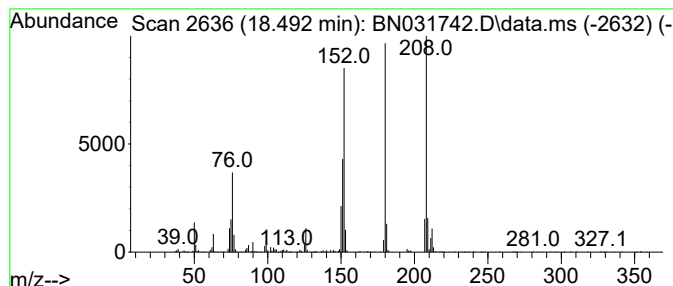
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 9,10-Anthracenedione Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.492	2.66 ng/ul	724575	Phenanthrene-d10	17.069

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	96
3	9,10-Anthracenedione			208	C14H8O2	000084-65-1	95
4	9,10-Anthracenedione			208	C14H8O2	000084-65-1	95
5	9H-Fluoren-9-one			180	C13H8O	000486-25-9	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053124\
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ClientSampleId :
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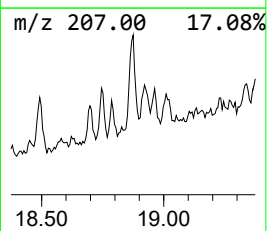
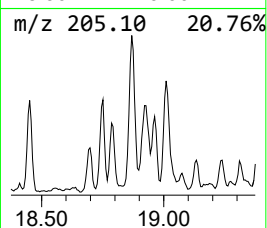
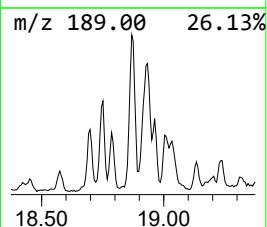
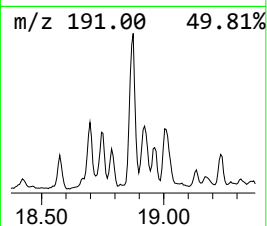
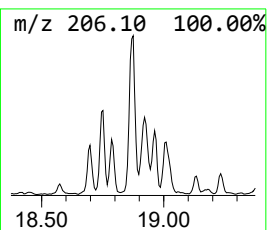
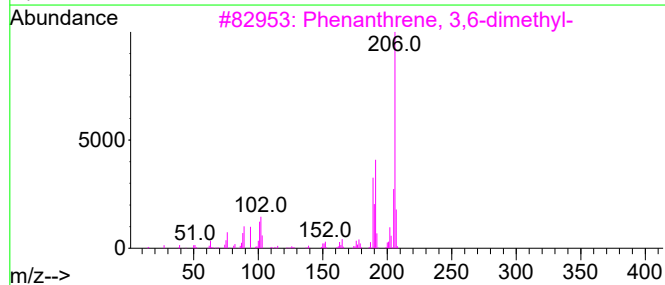
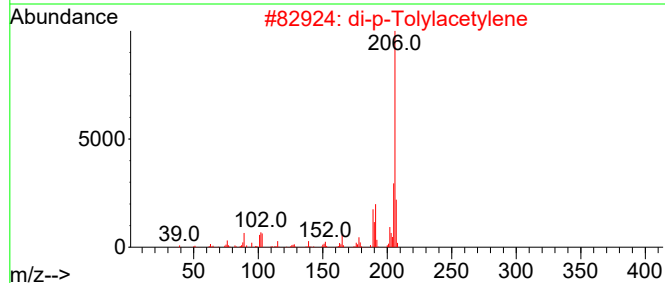
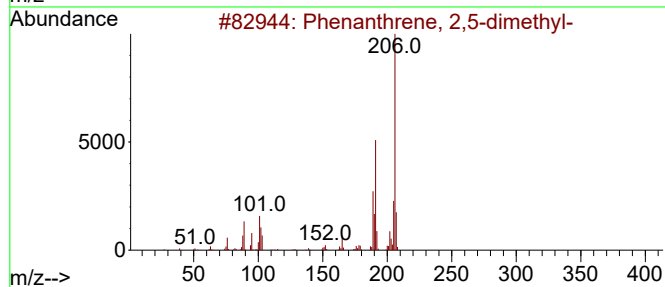
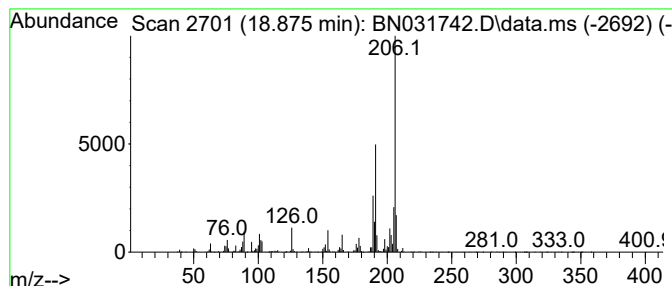
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Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

Peak Number 9 Phenanthrene, 2,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.875	4.27 ng/ul	1165470	Phenanthrene-d10	17.069

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2			di-p-Tolylacetylene	206	C16H14	002789-88-0	96
3			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
4			9,10-Dimethylantracene	206	C16H14	000781-43-1	92
5			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	92



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053124\
Data File : BN031742.D
Acq On : 31 May 2024 14:59
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Sample : P2549-02
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ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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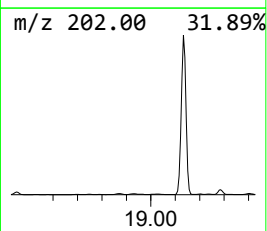
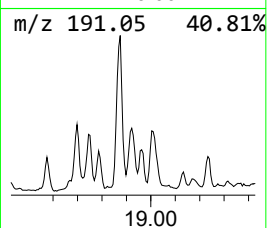
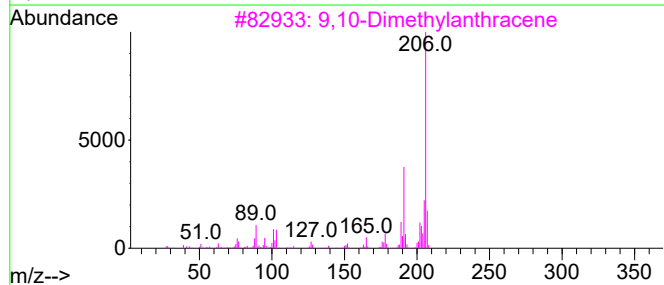
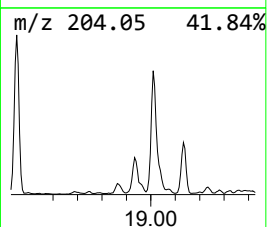
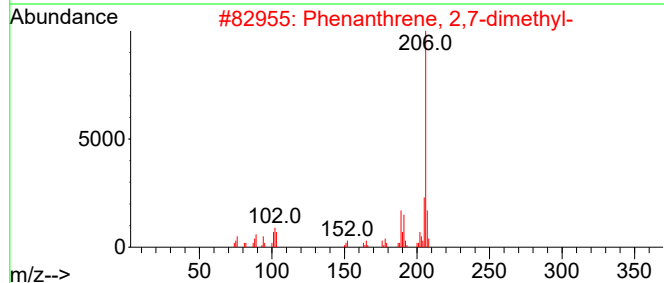
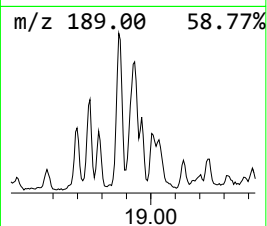
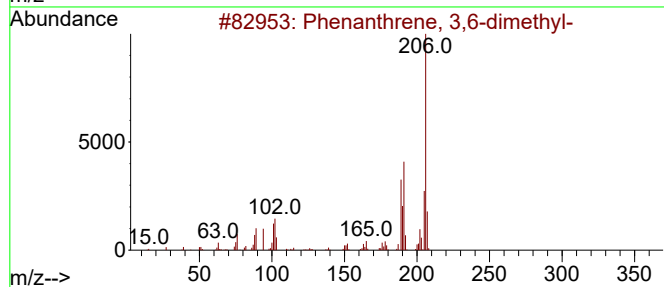
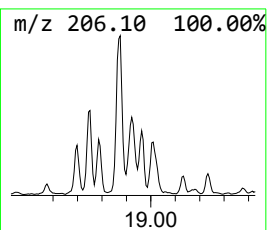
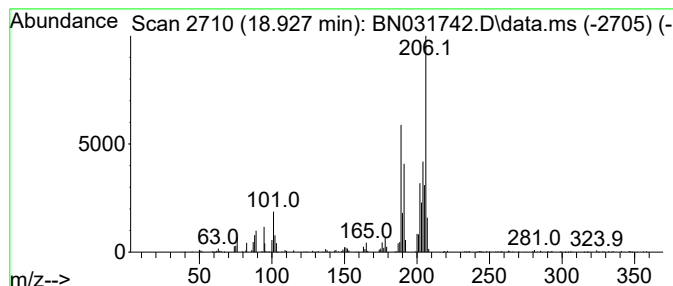
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 Phenanthrene, 3,6-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.927	2.07 ng/ul	564362	Phenanthrene-d10	17.069

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
2			Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	64
3			9,10-Dimethylanthracene	206	C16H14	000781-43-1	60
4			Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	58
5			Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053124\
Data File : BN031742.D
Acq On : 31 May 2024 14:59
Operator : MA/JU
Sample : P2549-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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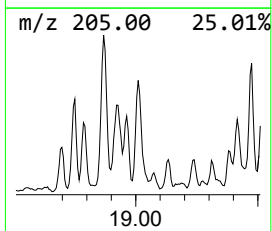
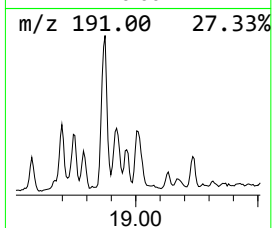
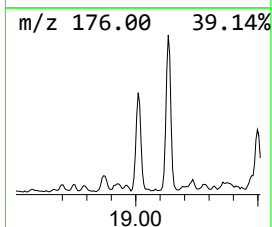
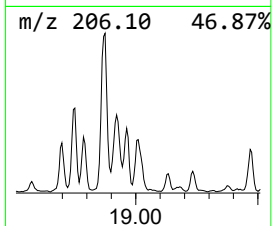
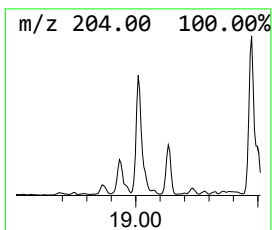
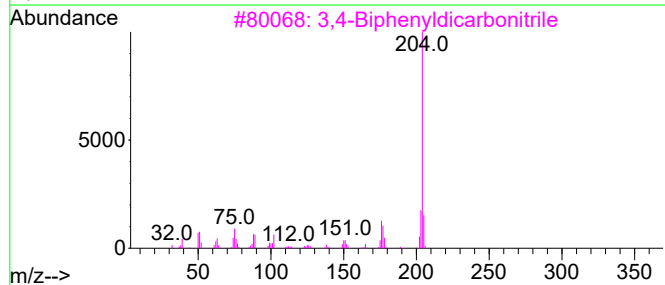
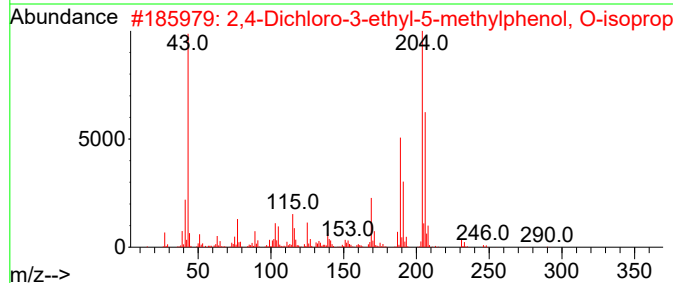
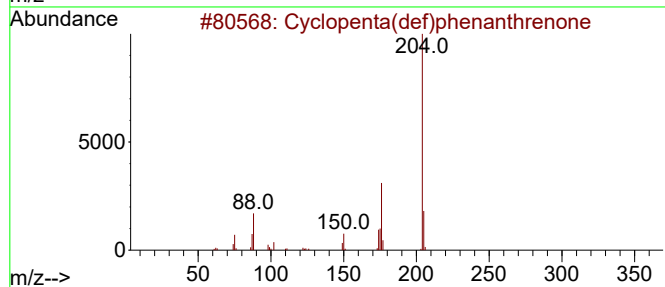
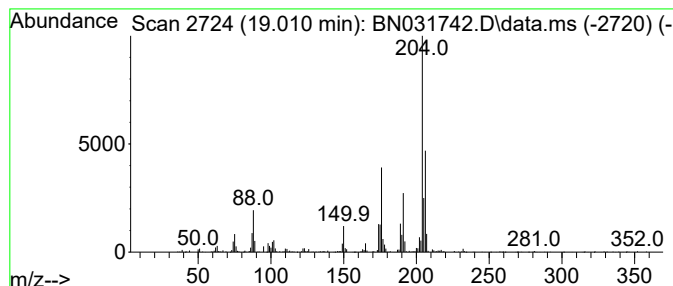
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 Cyclopenta(def)phenanthrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.010	2.92 ng/ul	797382	Phenanthrene-d10	17.069

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta(def)phenanthrene	204	C15H8O	005737-13-3	98
2			2,4-Dichloro-3-ethyl-5-methylphe...	290	C13H16Cl2O3	1000487-42-9	43
3			3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	43
4			L-Rhamnose, 4TMS derivative	452	C18H44O5Si4	019127-15-2	43
5			2,4-Dichloro-3,5,6-trimethylphen...	290	C13H16Cl2O3	1000487-29-0	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053124\
Data File : BN031742.D
Acq On : 31 May 2024 14:59
Operator : MA/JU
Sample : P2549-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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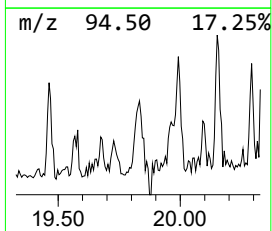
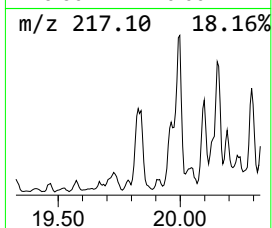
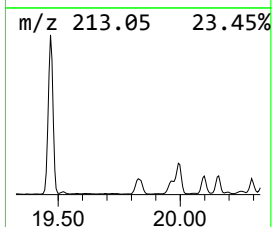
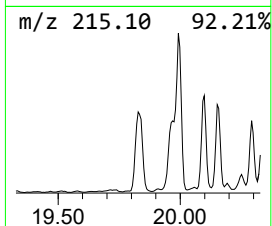
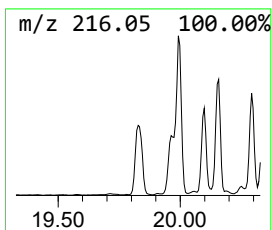
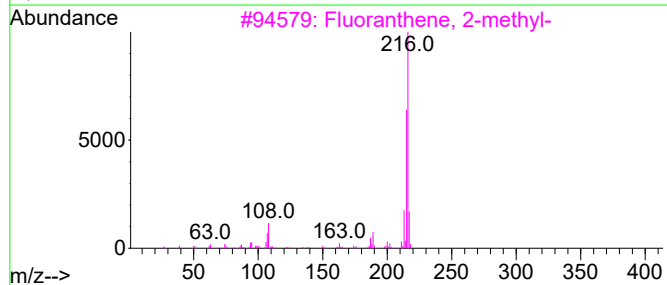
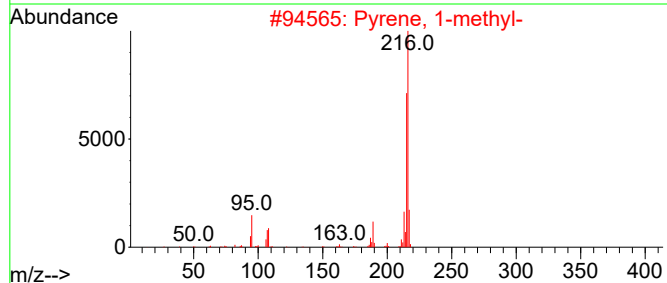
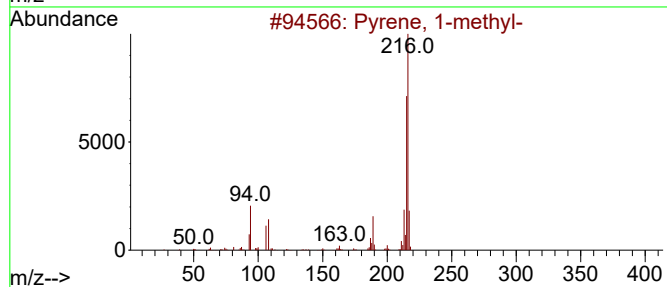
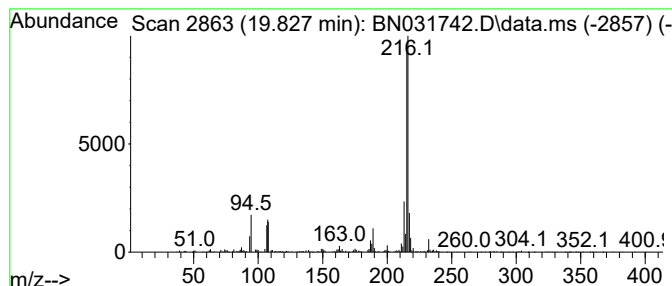
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 Pyrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.827	2.71 ng/ul	1159260	Chrysene-d12	21.310

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			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
4			Pyrene, 1-methyl-	216	C17H12	002381-21-7	92
5			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053124\
Data File : BN031742.D
Acq On : 31 May 2024 14:59
Operator : MA/JU
Sample : P2549-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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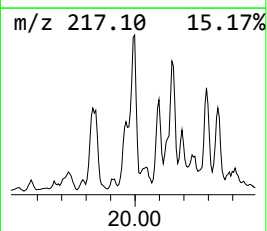
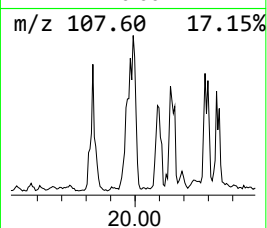
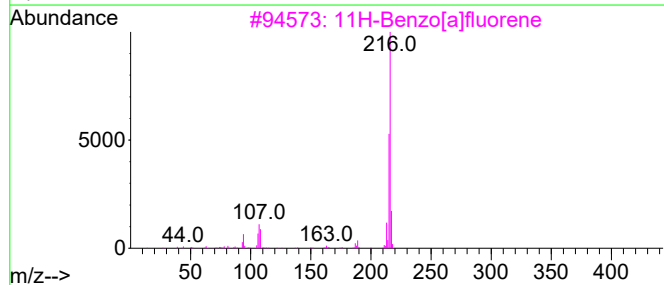
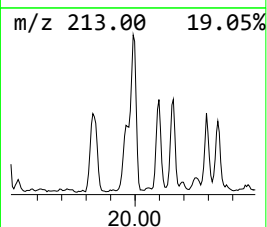
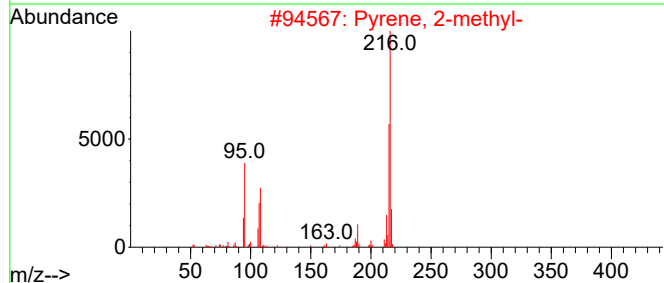
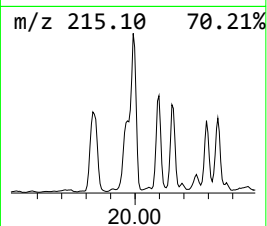
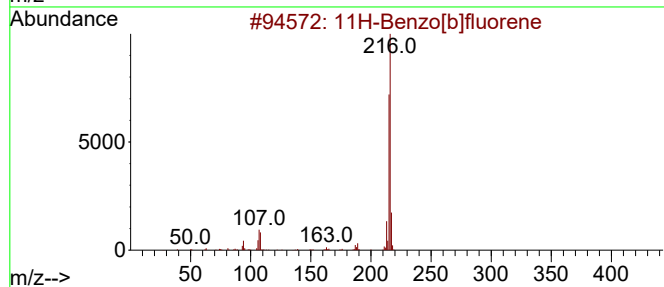
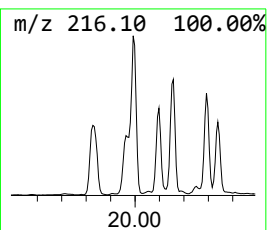
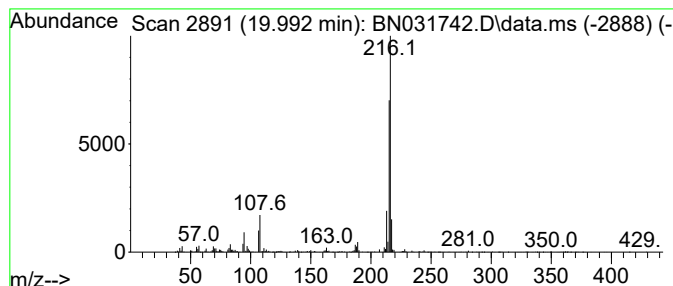
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 11H-Benzo[b]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.992	2.32 ng/ul	991650	Chrysene-d12	21.310

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2		Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
3		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
5		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053124\
Data File : BN031742.D
Acq On : 31 May 2024 14:59
Operator : MA/JU
Sample : P2549-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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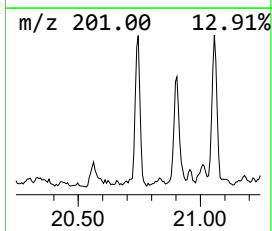
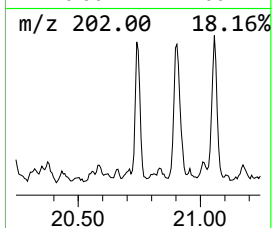
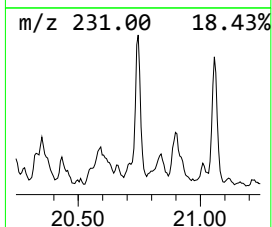
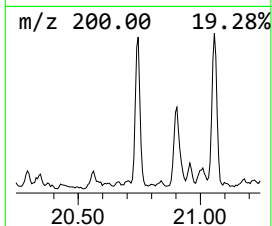
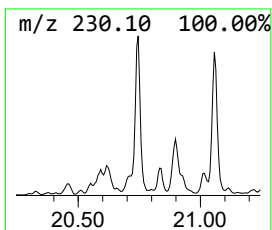
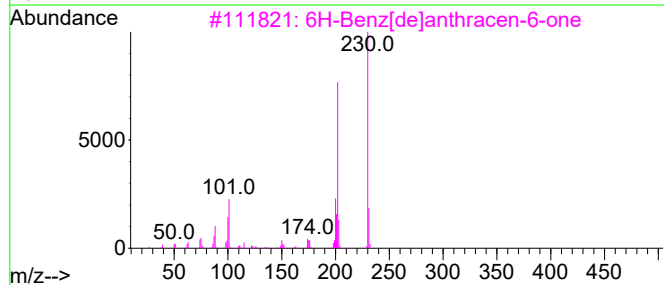
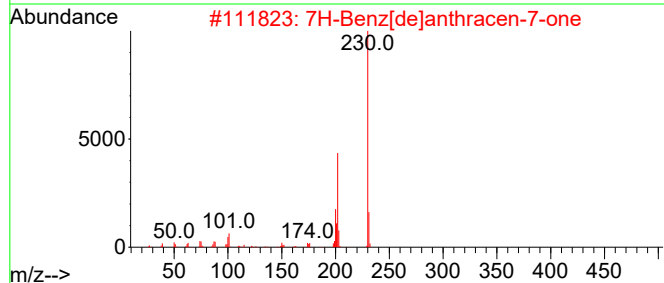
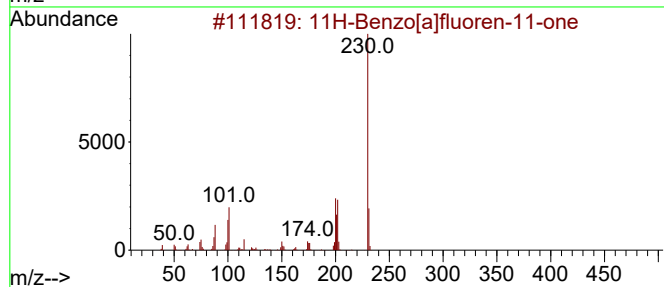
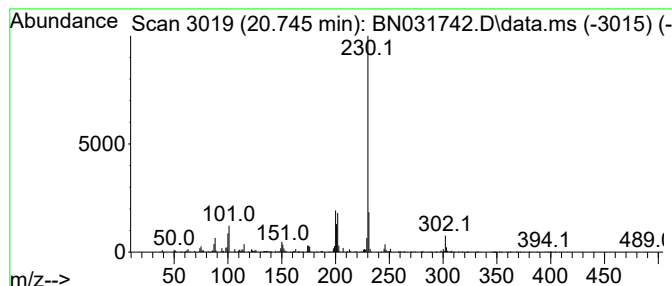
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 11H-Benzo[a]fluoren-11-one Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.745	2.17 ng/ul	929281	Chrysene-d12	21.310

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			6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	90
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	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053124\
Data File : BN031742.D
Acq On : 31 May 2024 14:59
Operator : MA/JU
Sample : P2549-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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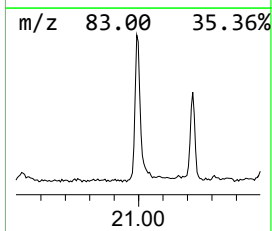
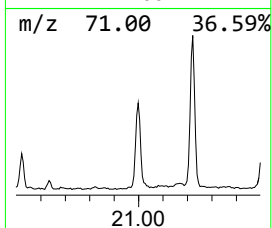
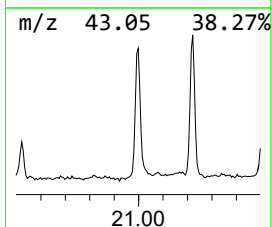
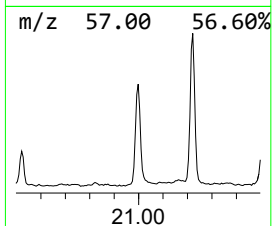
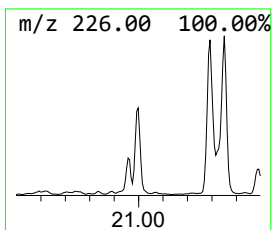
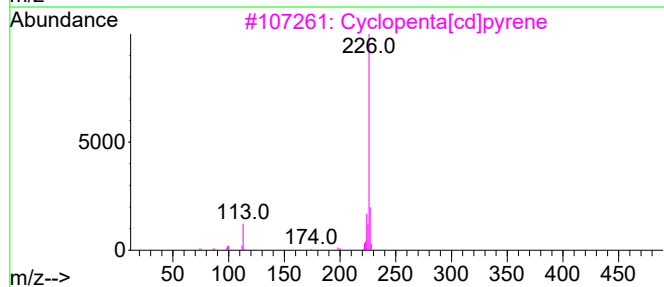
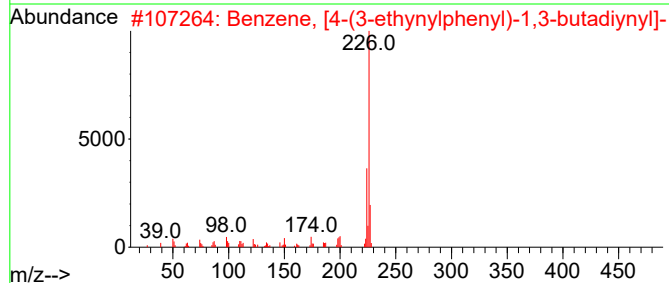
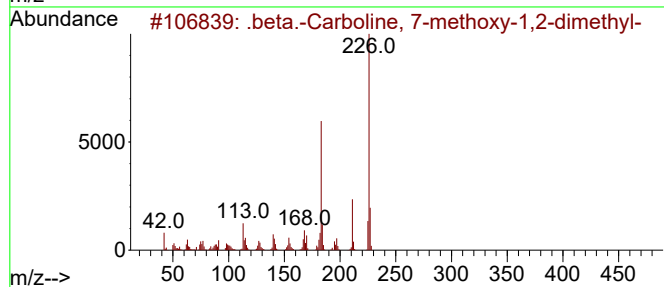
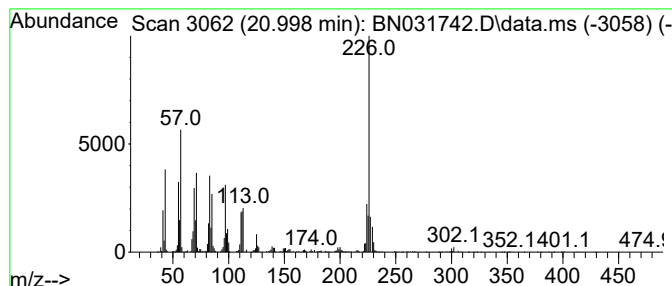
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 unknown-02 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.998	4.45 ng/ul	1904370	Chrysene-d12	21.310

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	.	beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	49	
2	Benzene, [4-(3-ethynylphenyl)-1,...	226	C18H10	1000115-87-3	38		
3	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	38		
4	Trihexadecyl borate	735	C48H99B03	002665-11-4	15		
5	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	15		



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053124\
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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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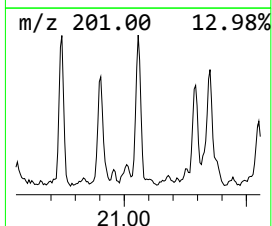
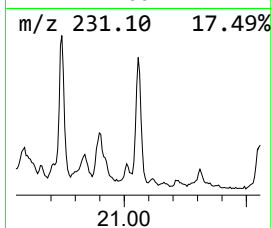
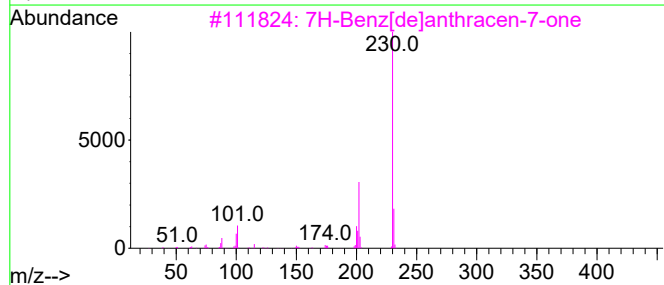
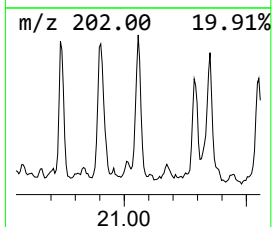
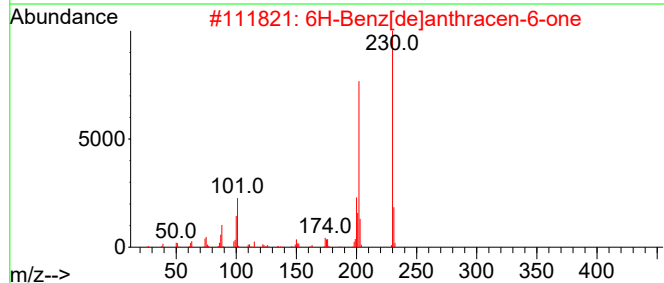
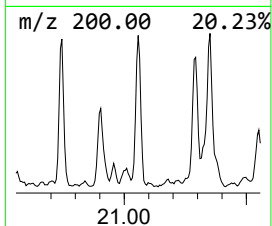
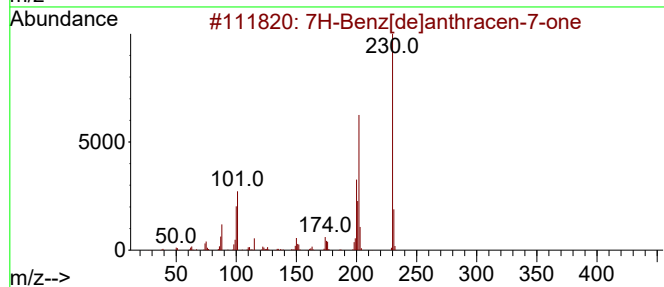
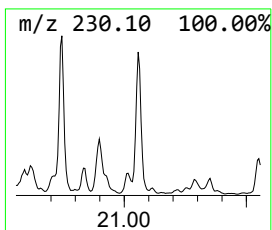
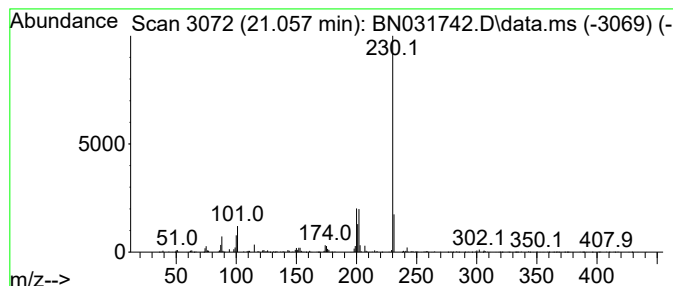
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 7H-Benz[de]anthracen-7-one Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.057	2.08 ng/ul	889407	Chrysene-d12	21.310

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
2			6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	87
3			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	81
4			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	81
5			4-Isothiazolecarbonitrile, 3,5-b...	230	C8H10N2S3	024135-13-5	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053124\
Data File : BN031742.D
Acq On : 31 May 2024 14:59
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Sample : P2549-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH619

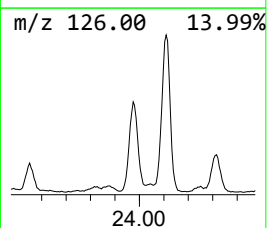
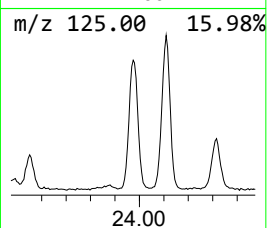
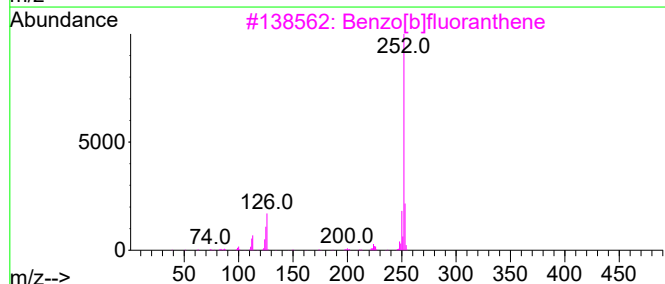
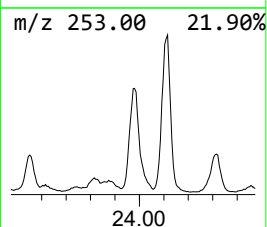
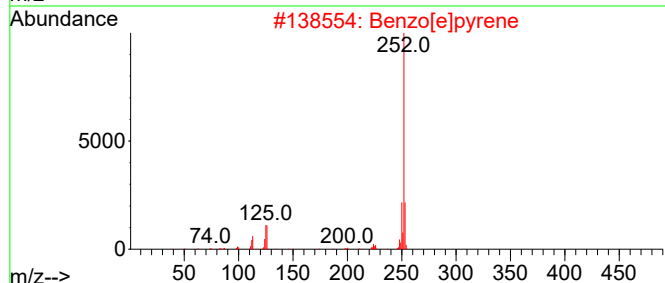
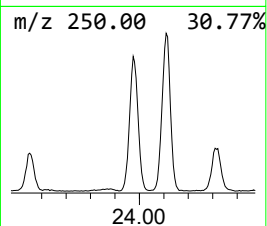
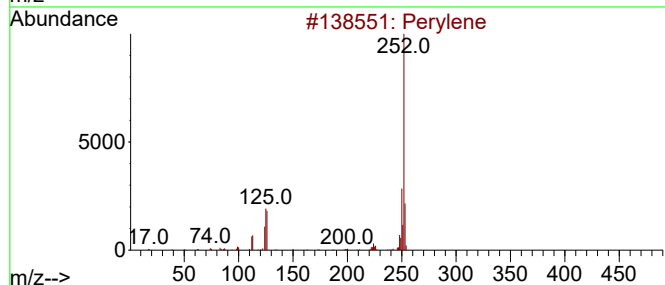
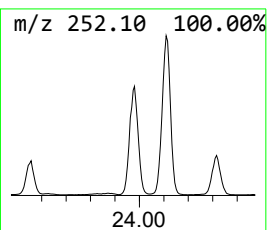
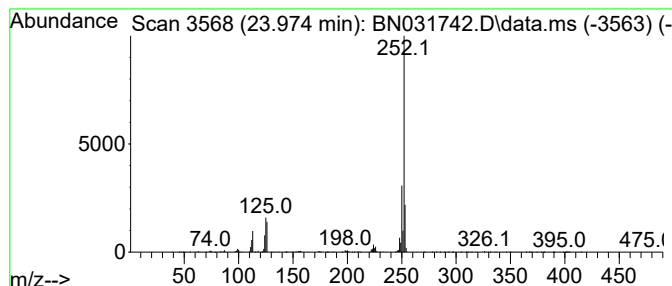
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.974	11.68 ng/ul	2084190	Perylene-d12	24.251

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Perylene	252	C20H12	000198-55-0	99
2		Benzo[e]pyrene	252	C20H12	000192-97-2	99
3		Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
4		Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5		Benzo[a]pyrene	252	C20H12	000050-32-8	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053124\
Data File : BN031742.D
Acq On : 31 May 2024 14:59
Operator : MA/JU
Sample : P2549-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH619

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown-01	3.699	3.6	ng/ul	482694	1	7.681	2713460	20.0
1-Phenoxypropan...	11.210	2.2	ng/ul	460334	2	10.469	4149220	20.0
Phenanthrene, 2...	17.945	3.3	ng/ul	912808	4	17.069	5457940	20.0
n-Hexadecanoic ...	17.980	10.9	ng/ul	2962480	4	17.069	5457940	20.0
4H-Cyclopenta[d...	18.139	5.7	ng/ul	1554970	4	17.069	5457940	20.0
Phenanthrene, 1...	18.175	2.3	ng/ul	638029	4	17.069	5457940	20.0
Tricyclo[8.2.2....	18.451	2.0	ng/ul	551102	4	17.069	5457940	20.0
9,10-Anthracene...	18.492	2.7	ng/ul	724575	4	17.069	5457940	20.0
Phenanthrene, 2...	18.875	4.3	ng/ul	1165470	4	17.069	5457940	20.0
Phenanthrene, 3...	18.927	2.1	ng/ul	564362	4	17.069	5457940	20.0
Cyclopenta(def)...	19.010	2.9	ng/ul	797382	4	17.069	5457940	20.0
Pyrene, 1-methyl-	19.827	2.7	ng/ul	1159260	5	21.310	8553750	20.0
11H-Benzo[b]flu...	19.992	2.3	ng/ul	991650	5	21.310	8553750	20.0
11H-Benzo[a]flu...	20.745	2.2	ng/ul	929281	5	21.310	8553750	20.0
unknown-02	20.998	4.5	ng/ul	1904370	5	21.310	8553750	20.0
7H-Benz[de]anth...	21.057	2.1	ng/ul	889407	5	21.310	8553750	20.0
Perylene	23.974	11.7	ng/ul	2084190	6	24.251	3567460	20.0