

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121622\
 Data File : BN023271.D
 Acq On : 17 Dec 2022 10:56
 Operator : CG/JU
 Sample : N5925-16
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBYA3

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-BN121522.M
 Title : SVOA CALIBRATION

Signal : TIC: BN023271.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.781	115	118	132	rBV	173198	300230	2.60%	0.176%
2	3.887	132	136	143	rVV	64410	97453	0.84%	0.057%
3	5.069	331	337	345	rVB	308803	444733	3.84%	0.260%
4	7.158	684	692	701	rBV	1063129	1693267	14.64%	0.992%
5	7.322	714	720	732	rVB	849026	1328997	11.49%	0.778%
6	7.522	747	754	765	rBV	1087660	1700395	14.70%	0.996%
7	7.999	827	835	842	rBV	1103780	1692316	14.63%	0.991%
8	8.710	948	956	966	rVV	1302276	2016747	17.43%	1.181%
9	8.828	970	976	983	rVB	71642	117823	1.02%	0.069%
10	9.169	1027	1034	1042	rVV	1078459	1753877	15.16%	1.027%
11	9.893	1143	1157	1164	rBV	933239	1551610	13.41%	0.909%
12	10.434	1240	1249	1259	rVB	1443420	2331951	20.16%	1.366%
13	10.816	1304	1314	1320	rBV	1636218	2748251	23.75%	1.610%
14	10.863	1320	1322	1331	rVV2	50266	94271	0.81%	0.055%
15	10.957	1331	1338	1348	rVV	788215	1384001	11.96%	0.811%
16	12.340	1564	1573	1580	rBV	137079	227148	1.96%	0.133%
17	13.645	1790	1795	1799	rVV	86562	123770	1.07%	0.072%
18	13.822	1818	1825	1832	rVB3	58591	117991	1.02%	0.069%
19	13.969	1844	1850	1855	rBV	72159	117466	1.02%	0.069%
20	14.057	1855	1865	1871	rVV	2811157	3754085	32.45%	2.199%
21	14.345	1907	1914	1925	rVB	2876545	4354349	37.64%	2.550%
22	14.651	1956	1966	1972	rBV	2634400	3949395	34.14%	2.313%
23	14.710	1972	1976	1983	rVB	280728	400841	3.46%	0.235%
24	14.840	1992	1998	2010	rBV	1290436	1817946	15.71%	1.065%
25	15.045	2028	2033	2041	rVB	173240	326046	2.82%	0.191%
26	15.639	2125	2134	2139	rBV	3966861	5572162	48.16%	3.264%
27	15.692	2139	2143	2148	rVV	329902	443320	3.83%	0.260%
28	15.751	2148	2153	2161	rVV	1161820	1548379	13.38%	0.907%
29	16.004	2189	2196	2203	rVB2	279354	473780	4.10%	0.278%
30	16.134	2214	2218	2226	rVB	101546	187727	1.62%	0.110%
31	16.334	2247	2252	2256	rBV	80147	148908	1.29%	0.087%
32	16.369	2256	2258	2264	rVB3	69634	93006	0.80%	0.054%
33	16.698	2302	2314	2319	rBV3	93451	260985	2.26%	0.153%
34	16.928	2345	2353	2356	rBV2	61707	118861	1.03%	0.070%
35	17.045	2368	2373	2381	rVB	265664	388508	3.36%	0.228%
36	17.122	2381	2386	2388	rBV2	72226	114493	0.99%	0.067%

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Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN121522.M
 Title : SVOA CALIBRATION

37	17.210	2397	2401	2409	rVB	194535	304770	2.63%	0.179%
38	17.286	2410	2414	2421	rBV4	51134	91445	0.79%	0.054%
39	17.398	2427	2433	2436	rVV	3420603	4925139	42.57%	2.885%
40	17.439	2436	2440	2445	rVV	3820153	5236154	45.26%	3.067%

41	17.498	2445	2450	2453	rVV	3951736	5759543	49.78%	3.374%
42	17.528	2453	2455	2460	rVV	778751	958800	8.29%	0.562%
43	17.586	2460	2465	2470	rVB2	167574	261581	2.26%	0.153%
44	17.798	2491	2501	2505	rBV2	435555	762469	6.59%	0.447%
45	17.916	2518	2521	2527	rBV2	63605	85237	0.74%	0.050%

46	17.975	2528	2531	2539	rVB2	72901	112999	0.98%	0.066%
47	18.233	2571	2575	2577	rBV2	61148	87989	0.76%	0.052%
48	18.292	2577	2585	2588	rVV2	1718378	2751855	23.79%	1.612%
49	18.322	2588	2590	2599	rVV	715619	894062	7.73%	0.524%
50	18.404	2599	2604	2609	rVB	183364	273414	2.36%	0.160%

51	18.469	2609	2615	2619	rBV3	617572	1110552	9.60%	0.650%
52	18.504	2619	2621	2626	rVB	267322	298604	2.58%	0.175%
53	18.581	2629	2634	2637	rBV4	91635	153502	1.33%	0.090%
54	18.616	2637	2640	2645	rVB3	91387	125415	1.08%	0.073%
55	18.710	2653	2656	2662	rVB2	185432	238828	2.06%	0.140%

56	18.775	2662	2667	2670	rBV	357417	489976	4.24%	0.287%
57	18.810	2670	2673	2680	rVB	322678	442443	3.82%	0.259%
58	19.016	2705	2708	2712	rBV2	108241	125537	1.09%	0.074%
59	19.104	2720	2723	2727	rVB2	103033	130602	1.13%	0.076%
60	19.186	2733	2737	2743	rBV2	287008	511281	4.42%	0.299%

61	19.328	2757	2761	2771	rVB	341398	612209	5.29%	0.359%
62	19.457	2777	2783	2789	rVB	6625724	8981284	77.63%	5.261%
63	19.563	2796	2801	2811	rVV3	731990	1164721	10.07%	0.682%
64	19.645	2812	2815	2818	rVV4	109758	176107	1.52%	0.103%
65	19.698	2821	2824	2833	rVV	228372	412177	3.56%	0.241%

66	19.786	2834	2839	2842	rVV2	5354767	8019514	69.32%	4.697%
67	19.822	2842	2845	2851	rVV	4874357	6224015	53.80%	3.646%
68	19.886	2851	2856	2862	rVB2	248817	408119	3.53%	0.239%
69	19.992	2870	2874	2880	rVB	256201	342900	2.96%	0.201%
70	20.057	2881	2885	2890	rBV	247717	335683	2.90%	0.197%

71	20.133	2893	2898	2905	rBV4	361407	953209	8.24%	0.558%
72	20.192	2905	2908	2911	rBV	126416	153146	1.32%	0.090%
73	20.310	2917	2928	2934	rVB2	625161	1574971	13.61%	0.923%
74	20.410	2941	2945	2948	rBV	271508	341317	2.95%	0.200%
75	20.469	2948	2955	2959	rVV2	445291	811793	7.02%	0.475%

76	20.504	2959	2961	2965	rVB	173868	196346	1.70%	0.115%
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77	20.545	2966	2968	2974	rVB2	105102	139610	1.21%	0.082%
78	20.610	2975	2979	2982	rBV	216242	290025	2.51%	0.170%
79	20.657	2982	2987	2990	rBV2	261227	367664	3.18%	0.215%
80	20.816	3011	3014	3018	rVB4	178422	224920	1.94%	0.132%
81	20.863	3019	3022	3025	rBV4	86752	143861	1.24%	0.084%
82	21.057	3051	3055	3062	rBV	743665	980771	8.48%	0.574%
83	21.227	3077	3084	3086	rBV2	1023503	1879465	16.25%	1.101%
84	21.280	3086	3093	3102	rVV4	2710189	8064165	69.70%	4.723%
85	21.351	3102	3105	3113	rVB	890824	1404555	12.14%	0.823%
86	21.463	3122	3124	3132	rVB3	151317	208346	1.80%	0.122%
87	21.580	3137	3144	3148	rVV3	4804883	10769980	93.09%	6.308%
88	21.622	3148	3151	3167	rVV	3331044	6719763	58.08%	3.936%
89	21.739	3168	3171	3177	rVB2	374274	629704	5.44%	0.369%
90	21.916	3196	3201	3205	rBV2	531469	1088419	9.41%	0.638%
91	23.286	3427	3434	3439	rBV2	2037993	5033553	43.51%	2.948%
92	23.474	3462	3466	3472	rVB	334875	562169	4.86%	0.329%
93	23.821	3519	3525	3529	rBV	864967	1719204	14.86%	1.007%
94	23.874	3529	3534	3539	rVV2	2342694	4747637	41.04%	2.781%
95	23.927	3539	3543	3551	rVB	1566879	2871458	24.82%	1.682%
96	24.039	3555	3562	3568	rBV2	2084355	4227246	36.54%	2.476%
97	24.657	3662	3667	3676	rVB2	552824	1165646	10.08%	0.683%
98	24.757	3678	3684	3695	rVB2	781937	1842475	15.93%	1.079%
99	26.586	3985	3995	4010	rVB3	715963	3442739	29.76%	2.017%
100	28.604	4325	4338	4356	rVB3	2954138	11569266	100.00%	6.776%

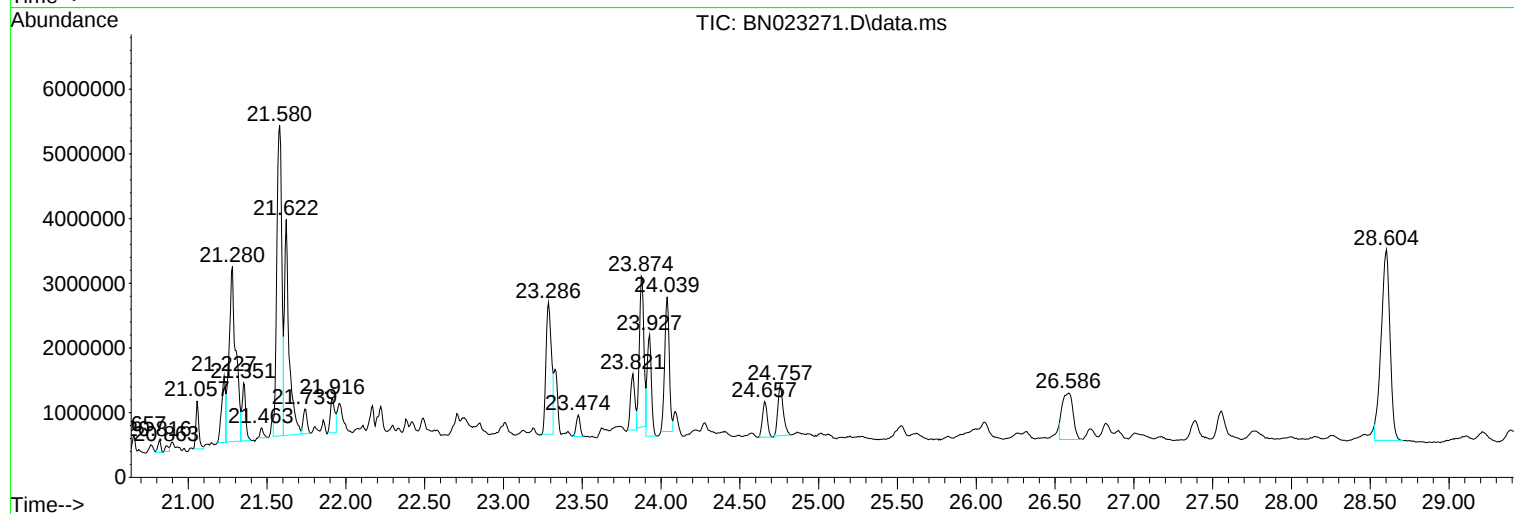
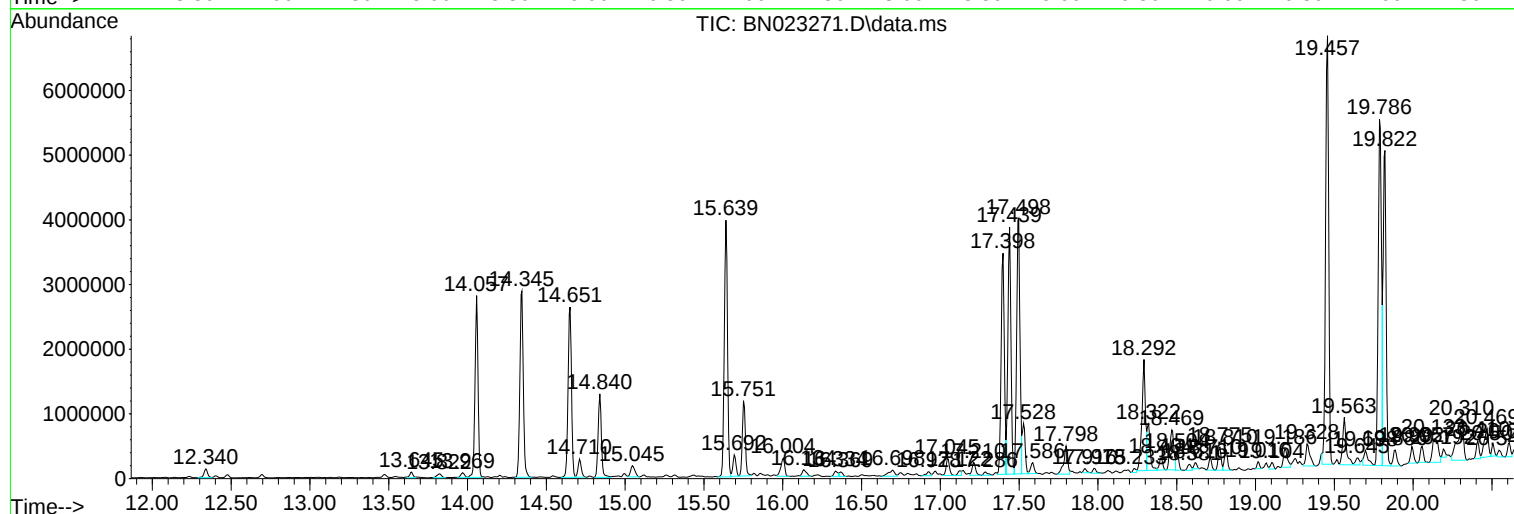
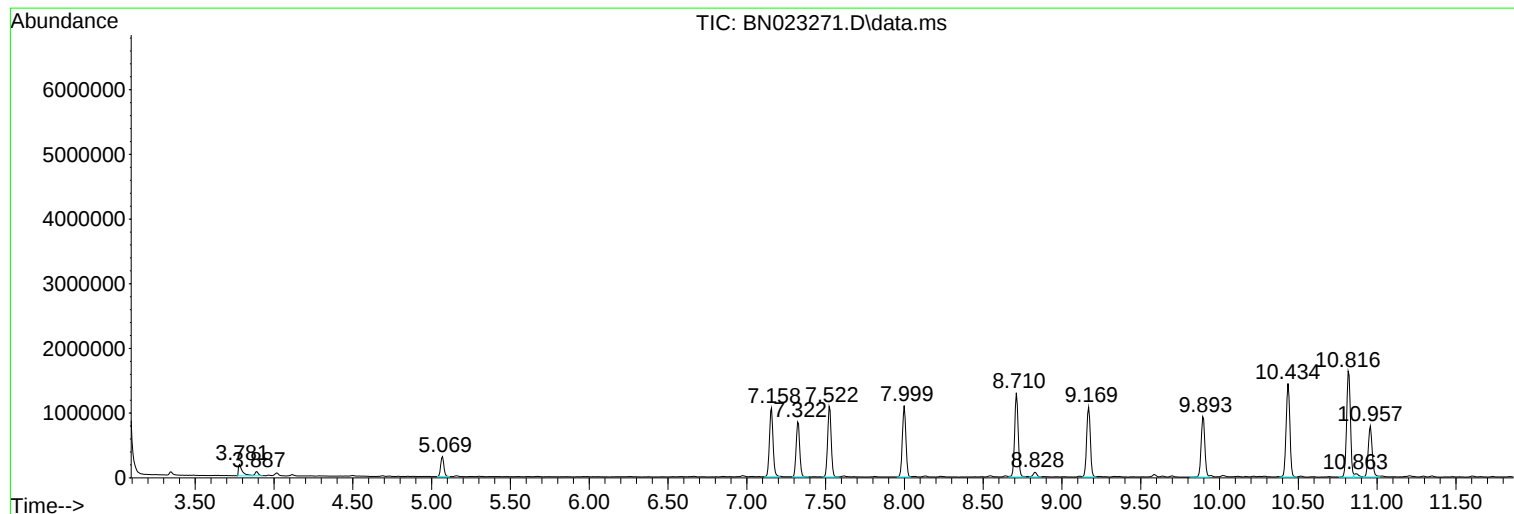
Sum of corrected areas: 170727437

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ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN121522.M
Quant Title : SVOA CALIBRATION

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



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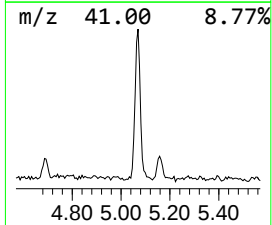
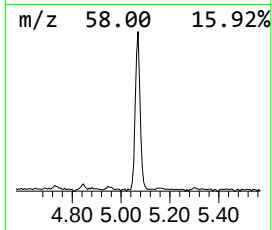
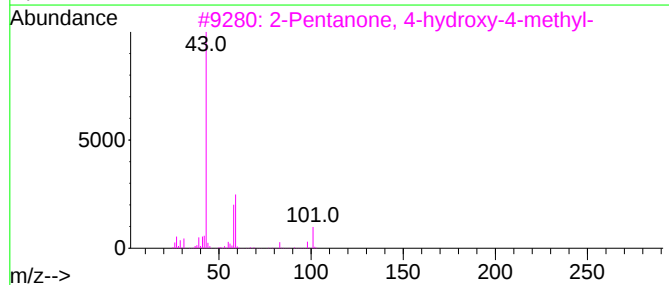
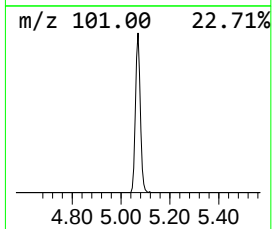
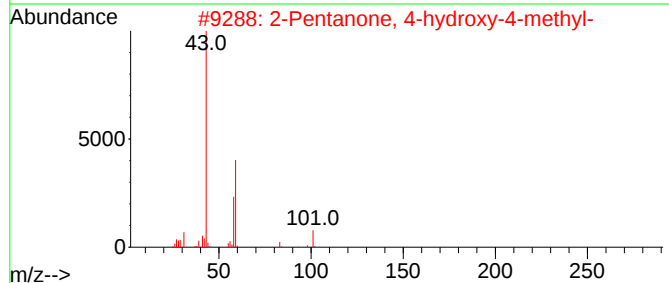
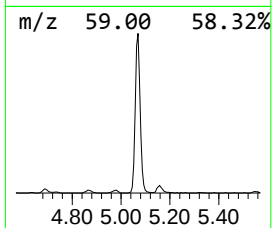
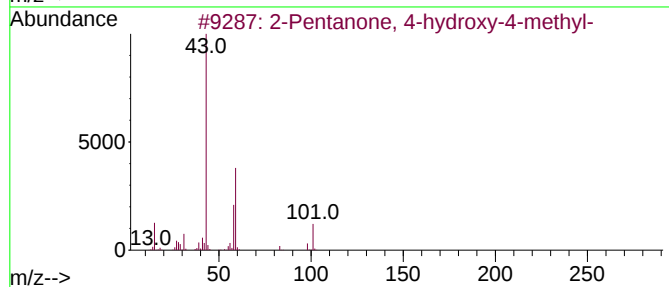
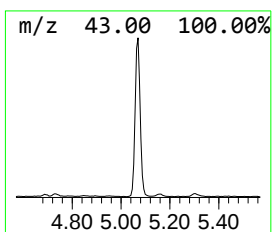
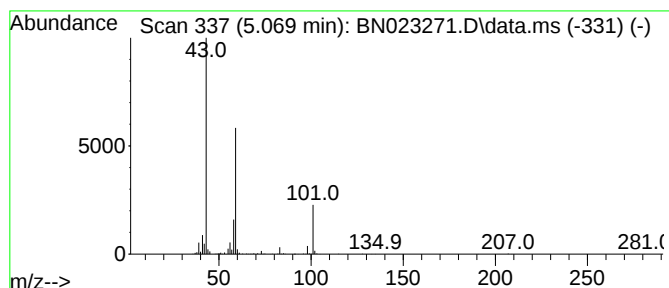
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN121522.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.069	5.26 ng/ul	444733	1,4-Dichlorobenzene-d4	7.999

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50	
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40	
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38	
4	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	37	
5	1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	25	



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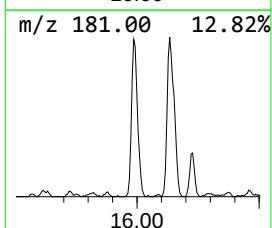
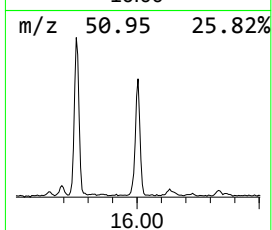
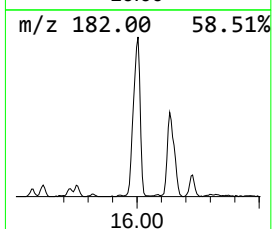
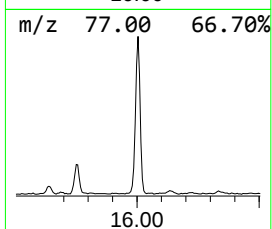
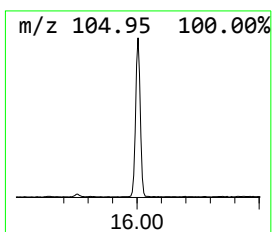
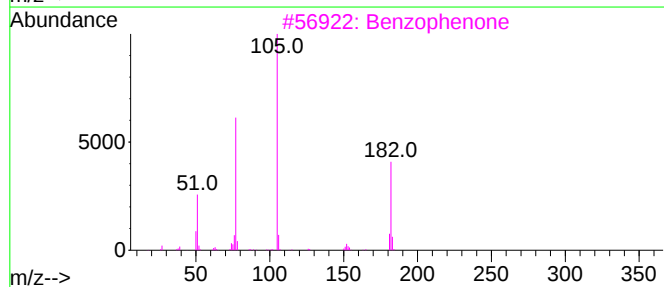
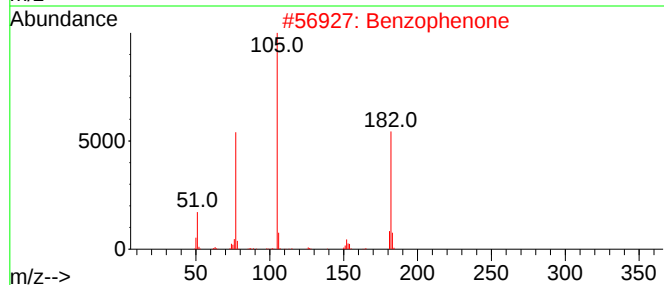
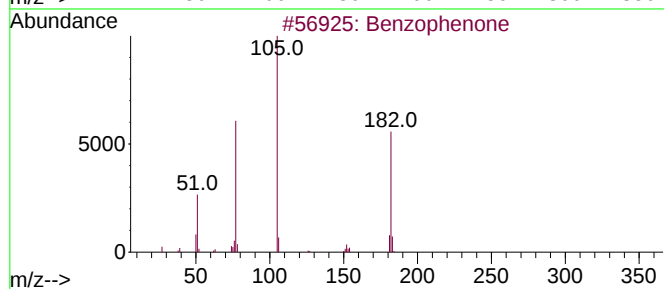
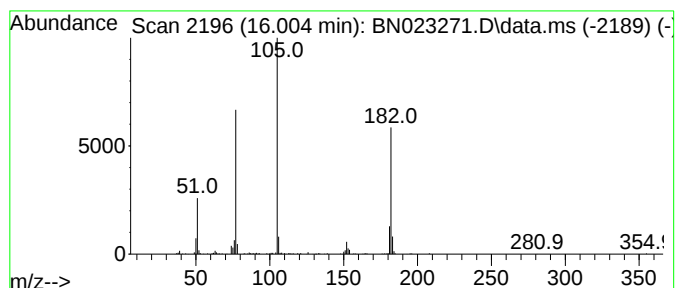
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN121522.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Benzophenone Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.004	2.40 ng/ul	473780	Acenaphthene-d10	14.645

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			Benzophenone	182	C13H10O	000119-61-9	95
3			Benzophenone	182	C13H10O	000119-61-9	94
4			Benzophenone	182	C13H10O	000119-61-9	91
5			Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	53



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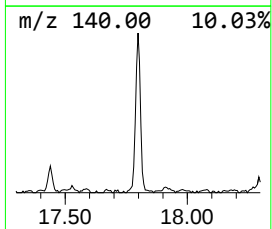
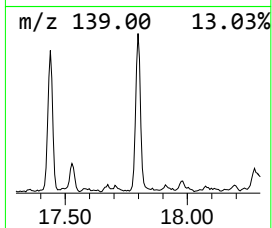
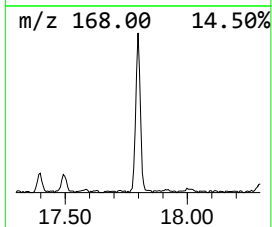
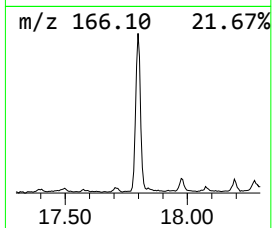
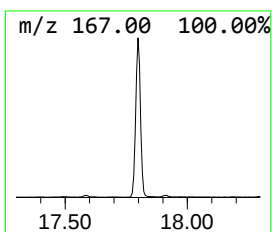
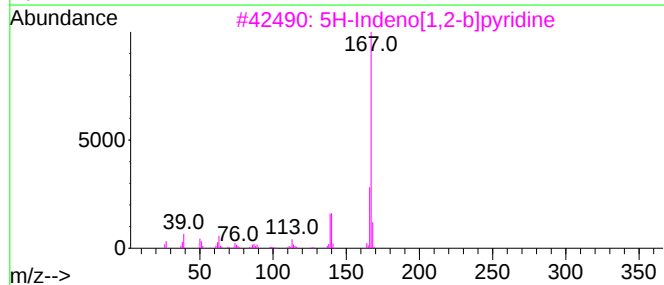
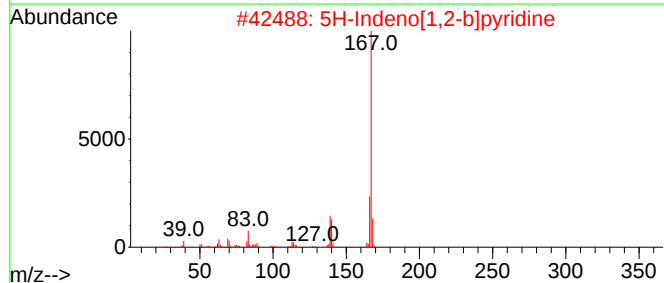
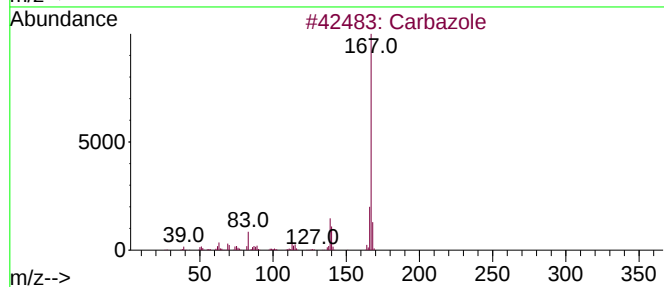
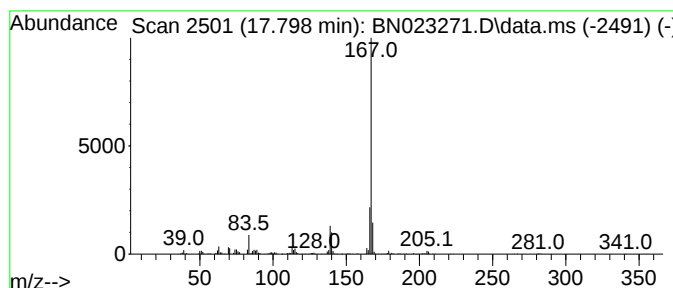
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 Carba zole Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.798	3.10 ng/ul	762469	Phenanthrene-d10		17.398	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Carbazole		167	C12H9N	000086-74-8	96
2	5H-Indeno[1,2-b]pyridine		167	C12H9N	000244-99-5	95
3	5H-Indeno[1,2-b]pyridine		167	C12H9N	000244-99-5	90
4	Carbazole		167	C12H9N	000086-74-8	87
5	ethanone, 1-(9H-carbazol-9-yl)-		209	C14H11NO	1000400-59-5	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121622\
Data File : BN023271.D
Acq On : 17 Dec 2022 10:56
Operator : CG/JU
Sample : N5925-16
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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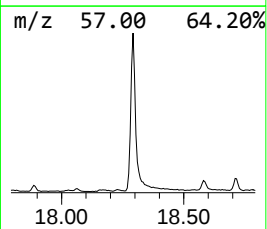
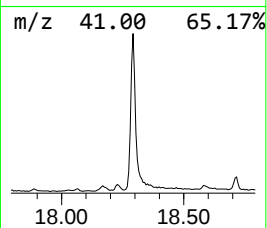
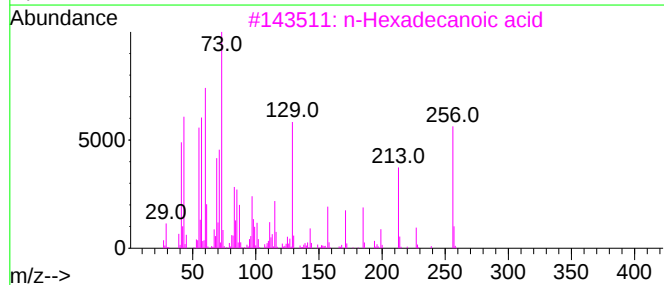
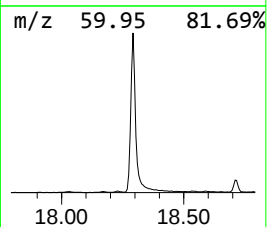
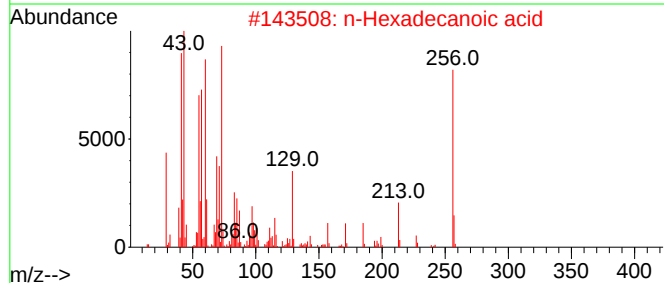
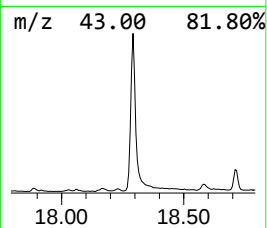
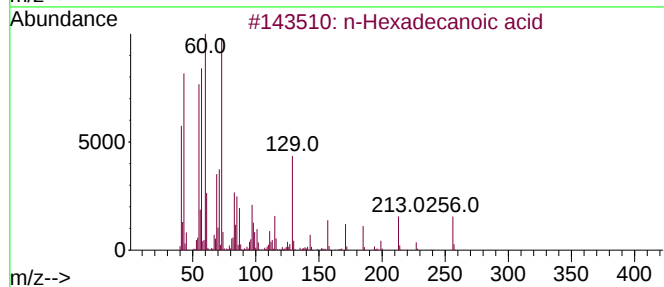
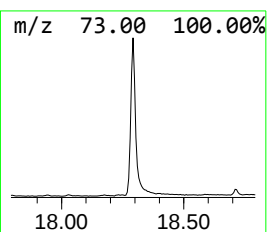
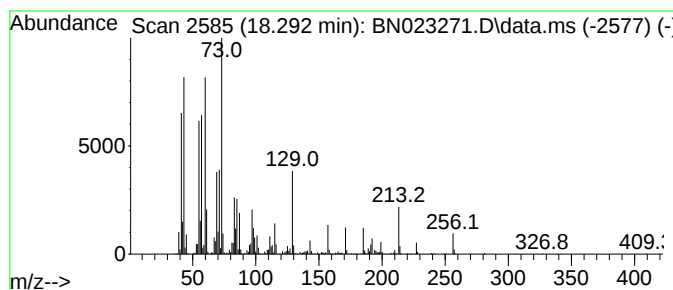
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.292	11.17 ng/ul	2751860	Phenanthrene-d10	17.398

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	99
4			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121622\
Data File : BN023271.D
Acq On : 17 Dec 2022 10:56
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Sample : N5925-16
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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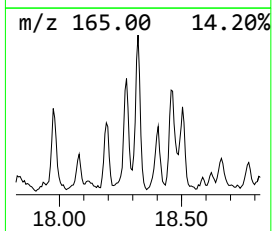
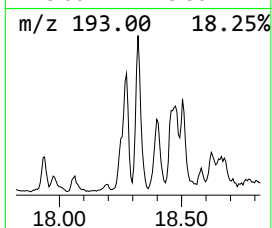
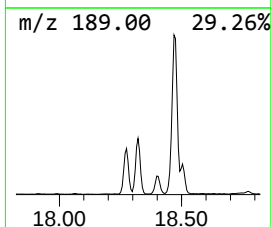
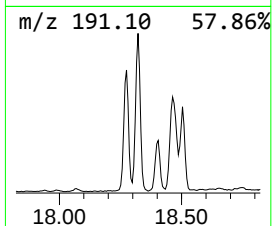
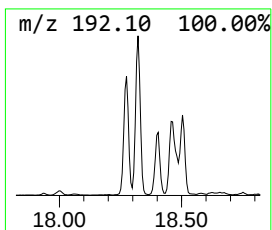
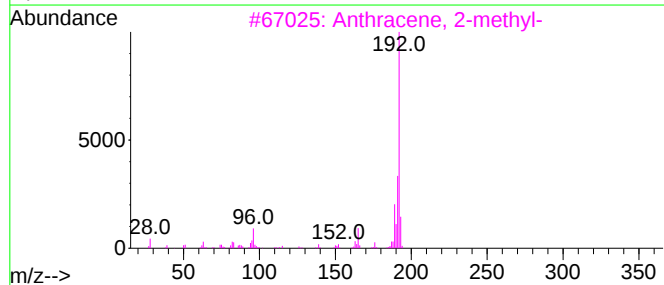
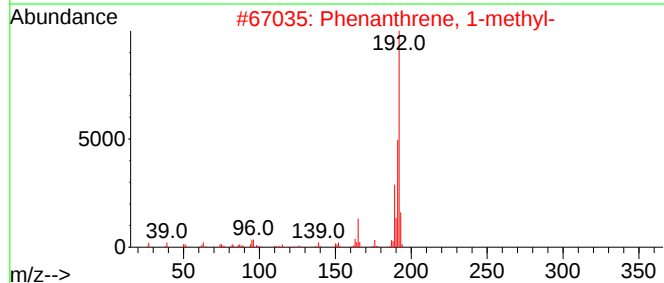
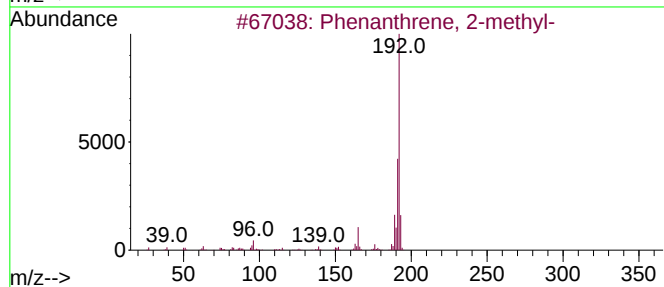
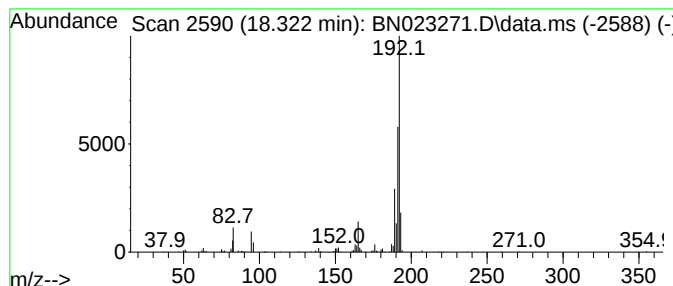
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.322	3.63 ng/ul	894062	Phenanthrene-d10	17.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5			Anthracene, 1-methyl-	192	C15H12	000610-48-0	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121622\
Data File : BN023271.D
Acq On : 17 Dec 2022 10:56
Operator : CG/JU
Sample : N5925-16
Misc :
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Instrument :
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ClientSampleId :
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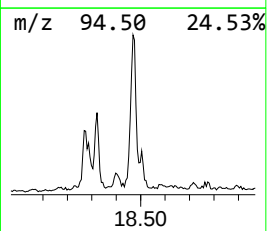
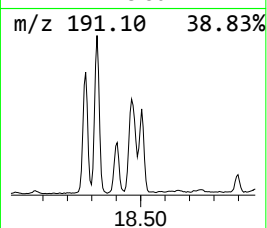
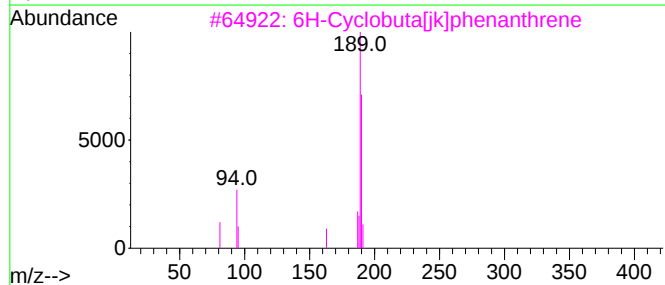
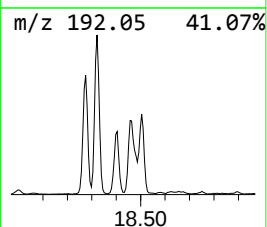
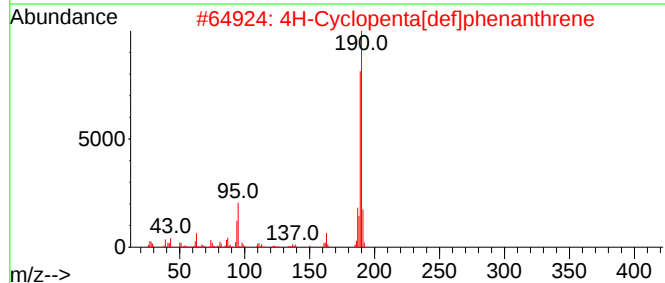
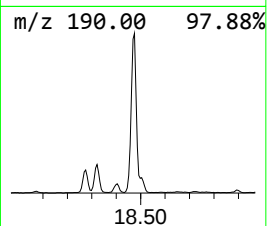
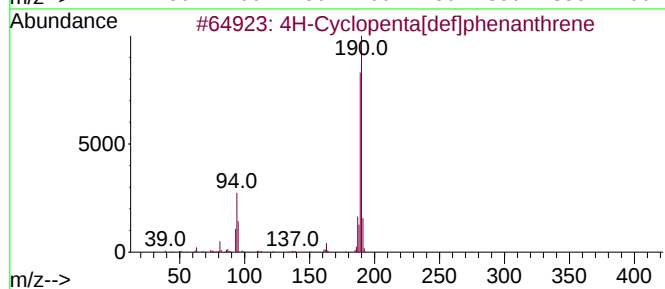
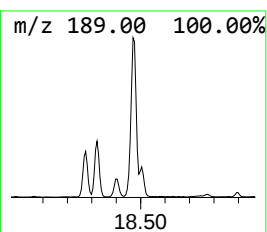
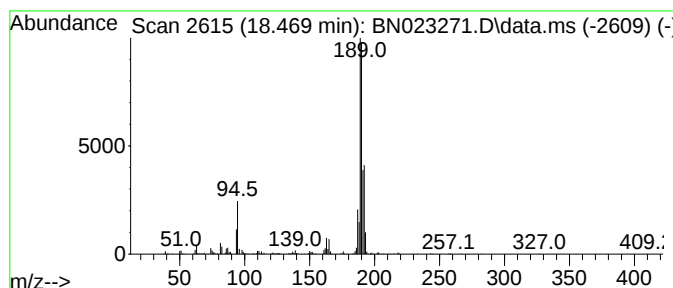
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.469	4.51 ng/ul	1110550	Phenanthrene-d10	17.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
3			6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
4			Methyl diselenide	190	C2H6Se2	007101-31-7	43
5			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121622\
Data File : BN023271.D
Acq On : 17 Dec 2022 10:56
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Sample : N5925-16
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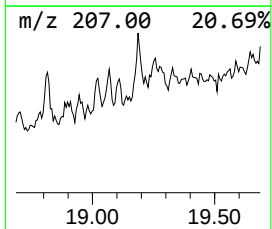
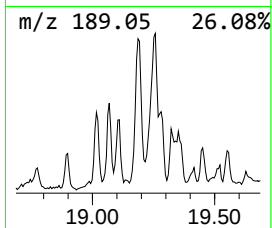
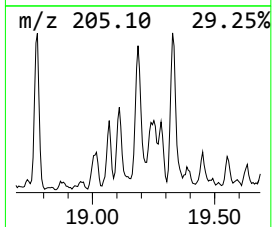
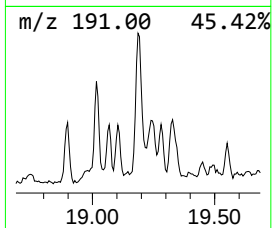
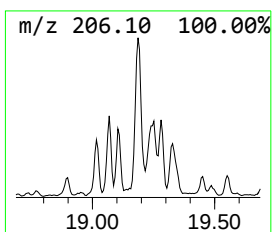
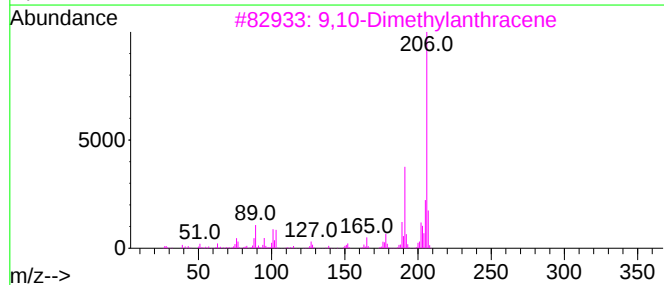
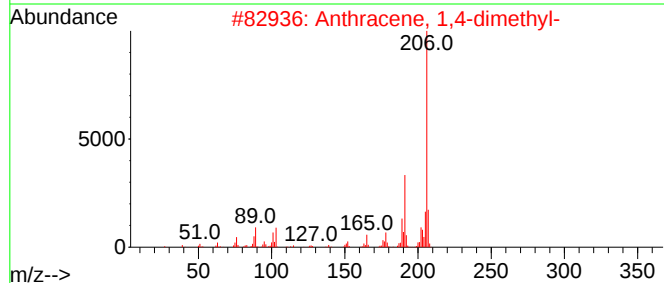
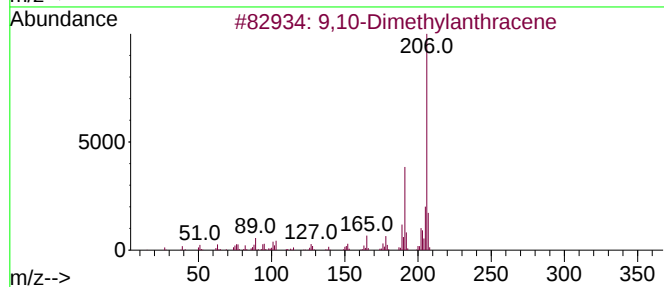
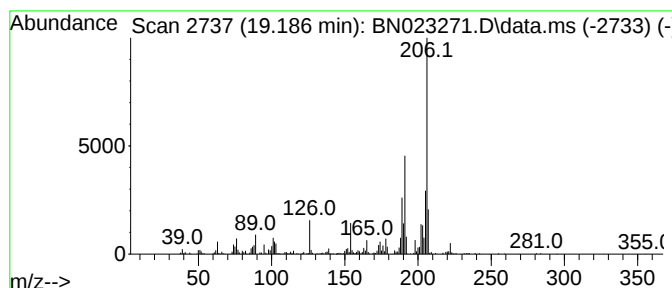
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 9,10-Dimethylantracene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.186	2.08 ng/ul	511281	Phenanthrene-d10	17.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Dimethylantracene	206	C16H14	000781-43-1	91
2			Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	90
3			9,10-Dimethylantracene	206	C16H14	000781-43-1	90
4			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90
5			9,10-Dimethylantracene	206	C16H14	000781-43-1	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121622\
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Acq On : 17 Dec 2022 10:56
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Sample : N5925-16
Misc :
ALS Vial : 39 Sample Multiplier: 1

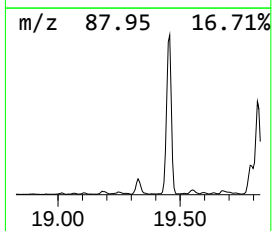
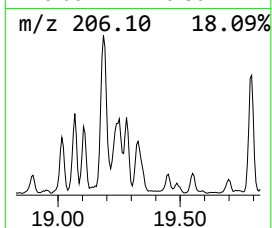
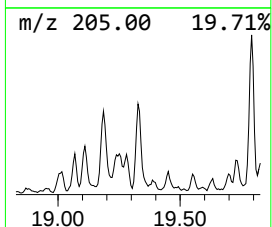
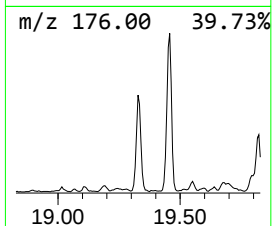
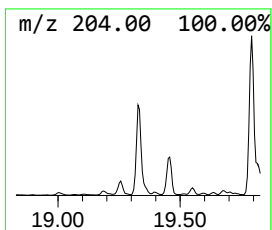
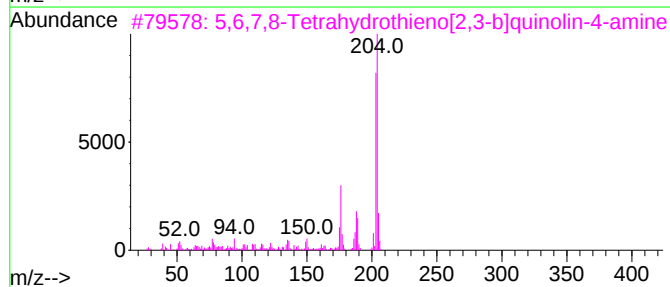
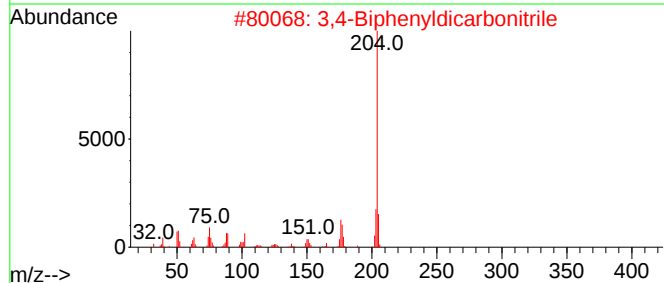
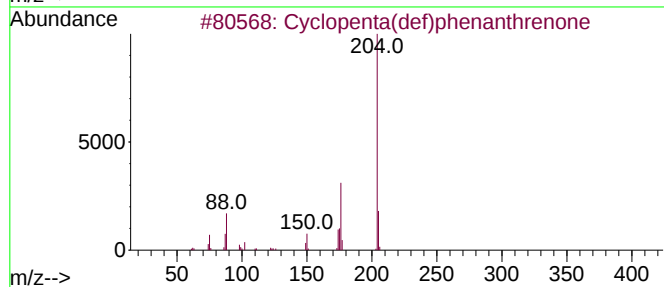
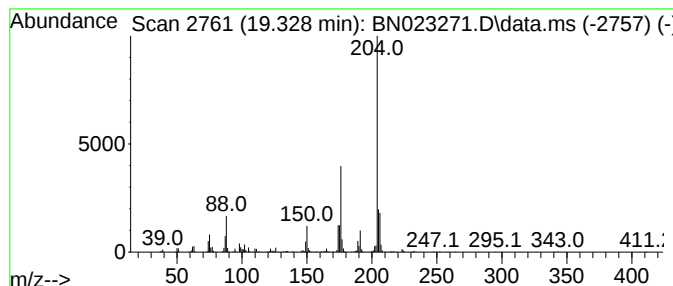
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN121522.M
Quant Title : SVOA CALIBRATION

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

Peak Number 8 Cyclopenta(def)phenanthrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.328	2.49 ng/ul	612209	Phenanthrene-d10	17.398	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	59
3	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	53
4	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	46
5	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121622\
Data File : BN023271.D
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ALS Vial : 39 Sample Multiplier: 1

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ClientSampleId :
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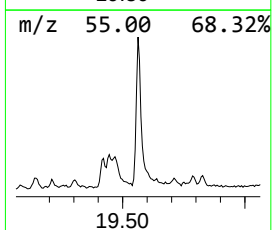
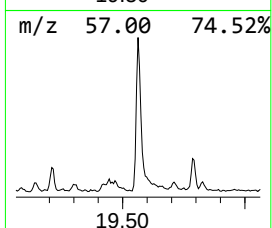
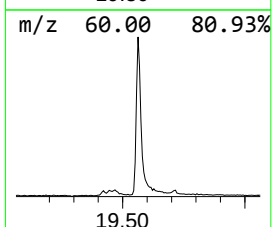
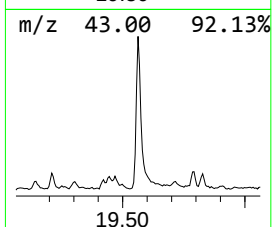
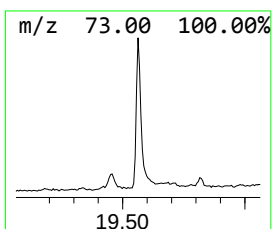
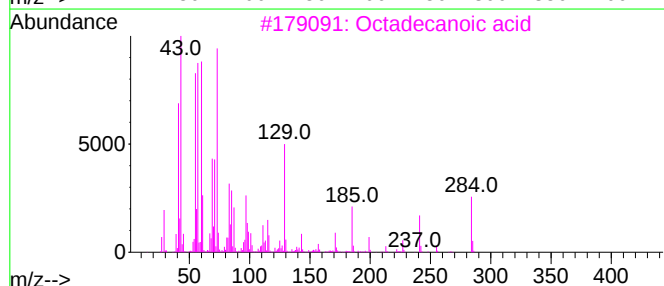
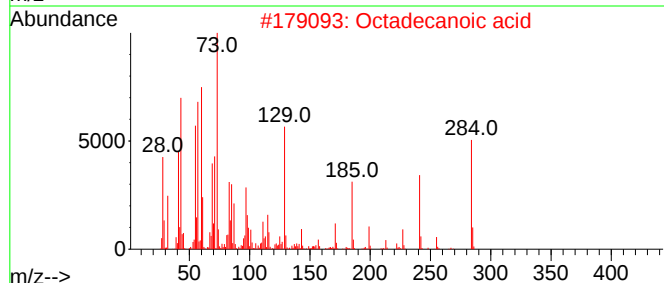
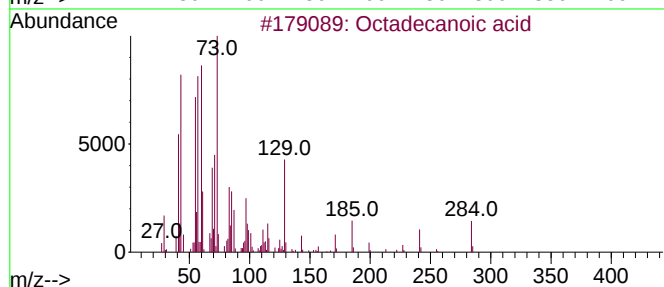
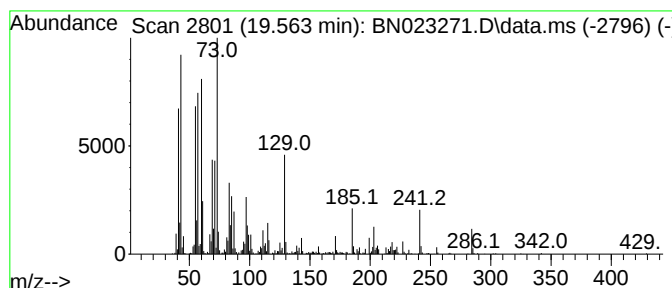
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Octadecanoic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.563	2.16 ng/ul	1164720	Chrysene-d12	21.586

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Octadecanoic acid	284	C18H36O2	000057-11-4	99
3			Octadecanoic acid	284	C18H36O2	000057-11-4	99
4			Octadecanoic acid	284	C18H36O2	000057-11-4	94
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121622\
Data File : BN023271.D
Acq On : 17 Dec 2022 10:56
Operator : CG/JU
Sample : N5925-16
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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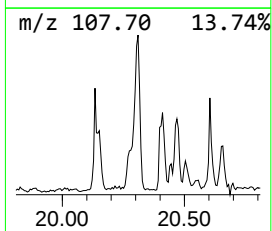
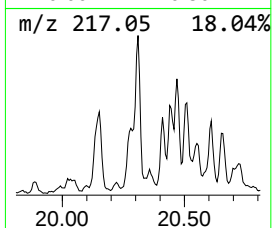
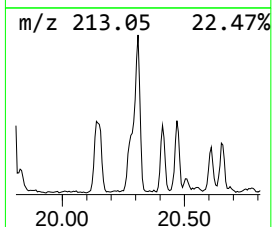
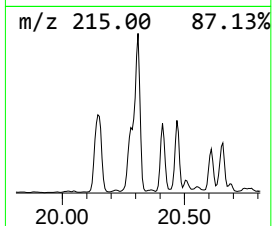
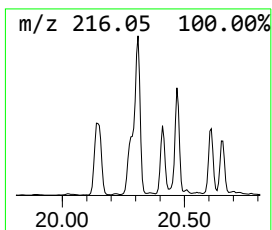
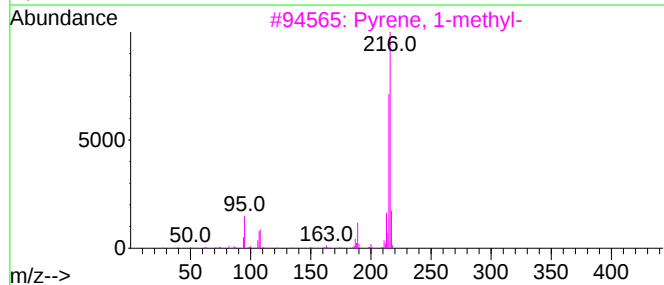
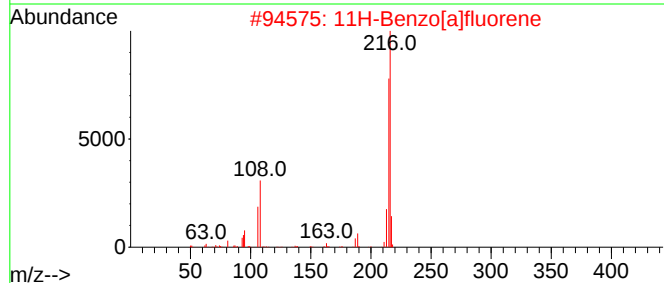
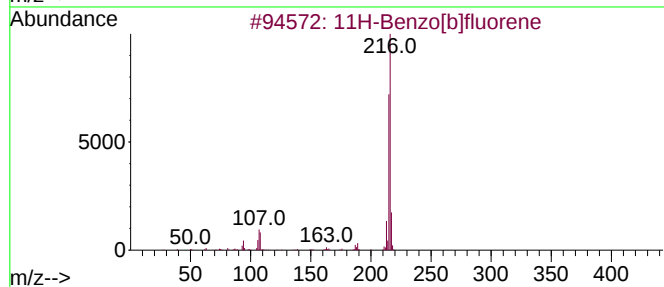
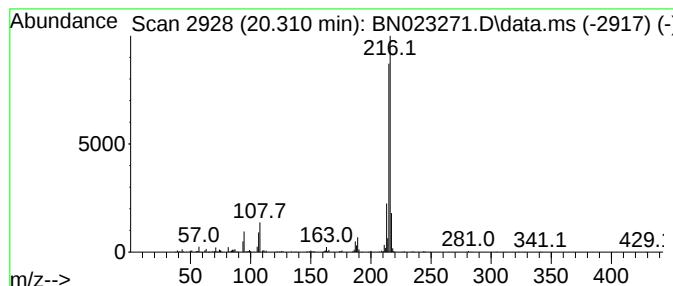
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 11H-Benzo[b]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.310	2.92 ng/ul	1574970	Chrysene-d12	21.586

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
3		Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
4		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	92
5		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121622\
Data File : BN023271.D
Acq On : 17 Dec 2022 10:56
Operator : CG/JU
Sample : N5925-16
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DBYA3

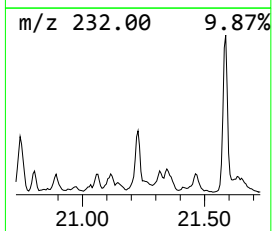
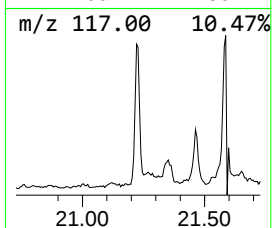
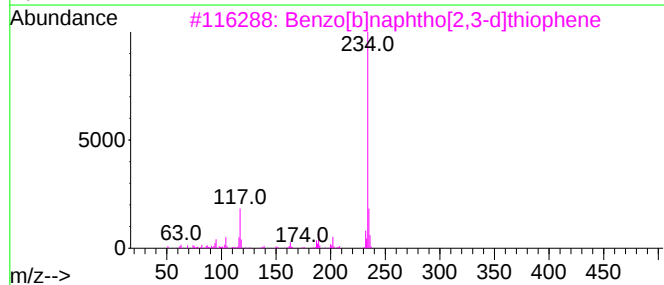
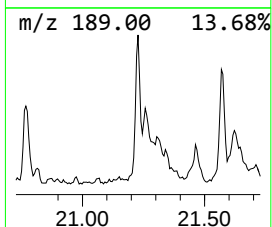
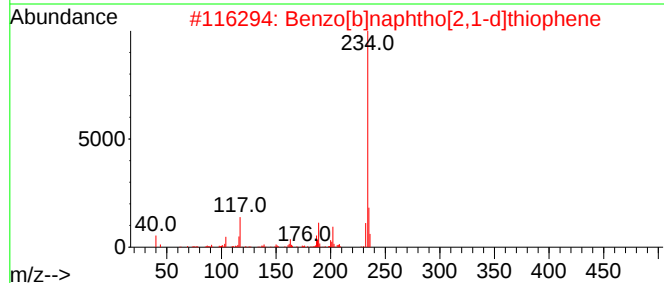
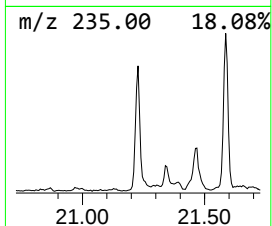
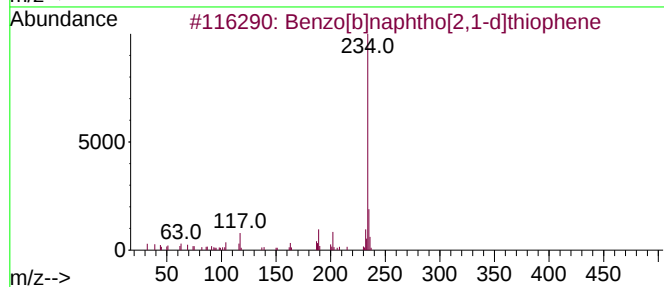
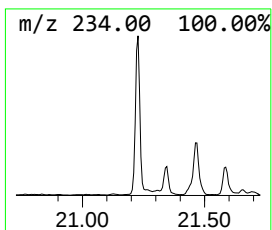
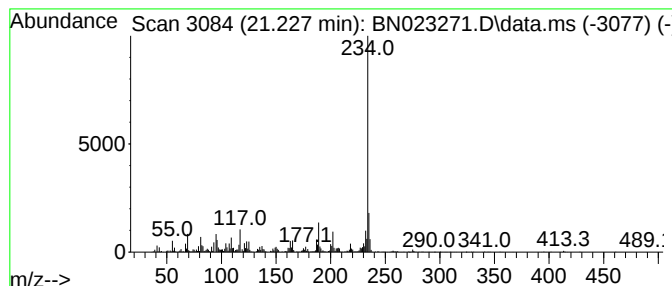
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.227	3.49 ng/ul	1879470	Chrysene-d12	21.586

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	97
2			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	97
3			Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	96
4			Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	95
5			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121622\
Data File : BN023271.D
Acq On : 17 Dec 2022 10:56
Operator : CG/JU
Sample : N5925-16
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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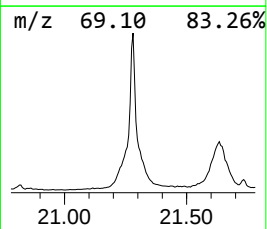
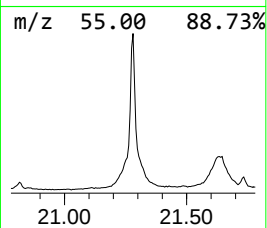
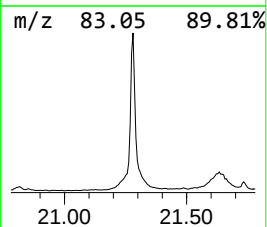
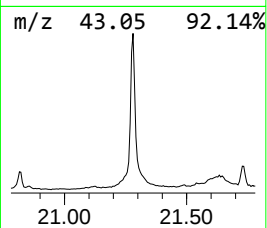
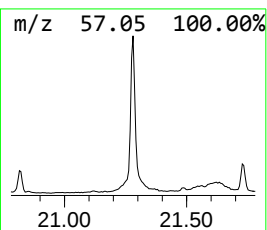
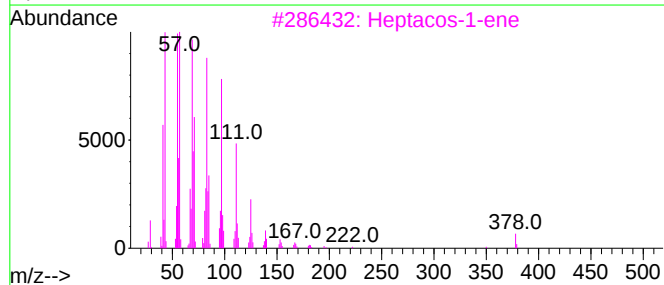
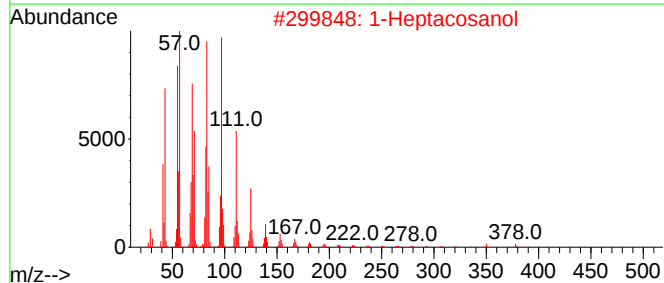
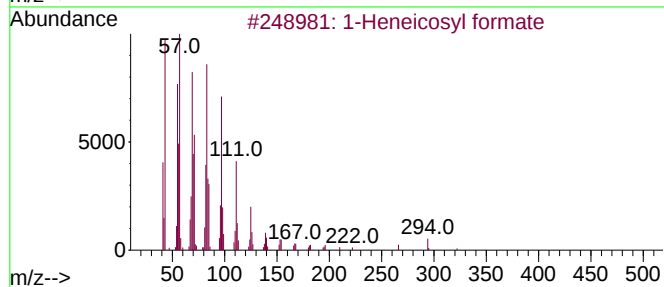
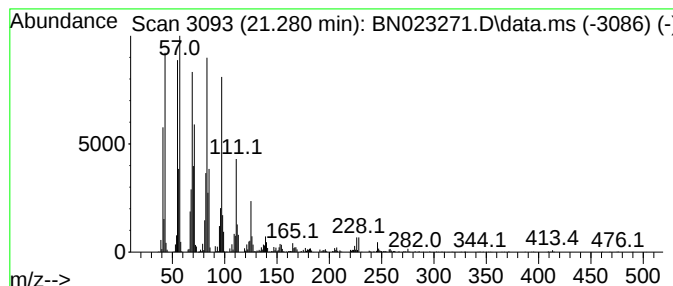
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 1-Heneicosyl formate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.280	14.98 ng/ul	8064170	Chrysene-d12	21.586

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
2			1-Heptacosanol	396	C27H56O	002004-39-9	94
3			Heptacos-1-ene	378	C27H54	015306-27-1	94
4			1-Hexacosene	364	C26H52	018835-33-1	94
5			Nonacos-1-ene	406	C29H58	018835-35-3	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121622\
Data File : BN023271.D
Acq On : 17 Dec 2022 10:56
Operator : CG/JU
Sample : N5925-16
Misc :
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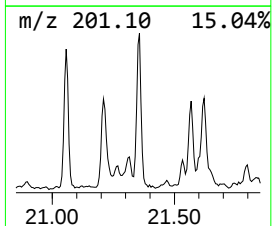
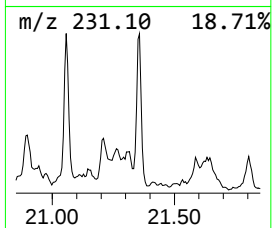
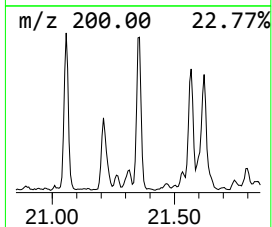
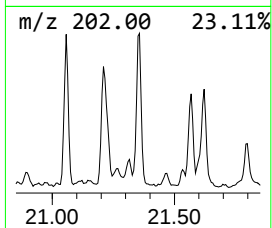
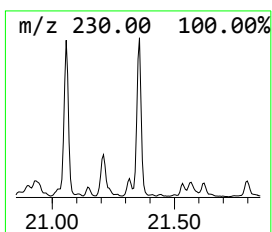
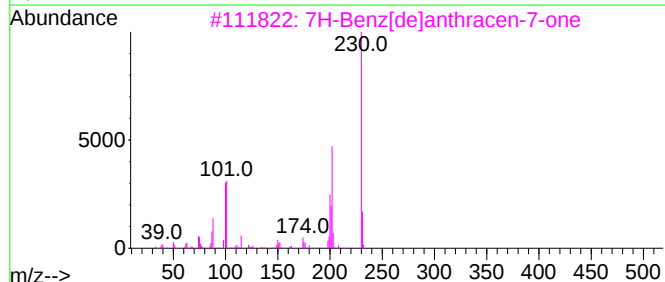
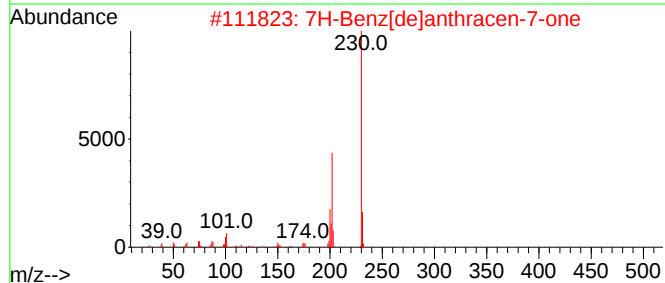
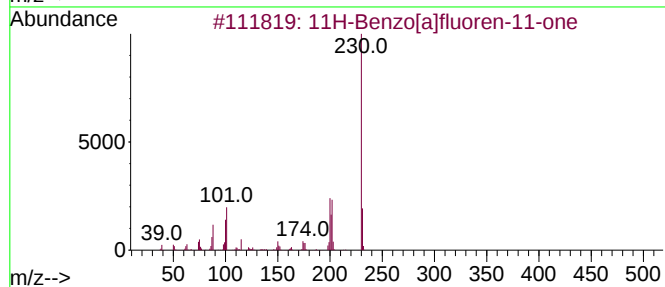
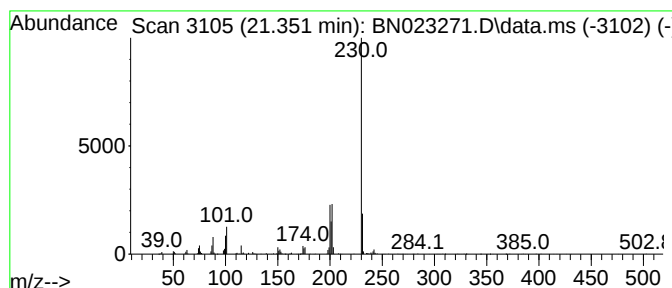
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN121522.M
Quant Title : SVOA CALIBRATION

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

Peak Number 13 11H-Benzo[a]fluoren-11-one Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.351	2.61 ng/ul	1404560	Chrysene-d12	21.586	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	94
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	64
5	9-Chloro-1-phenazinol	230	C12H7C1N2O	091268-03-0	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121622\
Data File : BN023271.D
Acq On : 17 Dec 2022 10:56
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Sample : N5925-16
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
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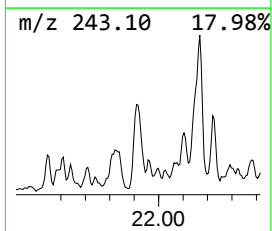
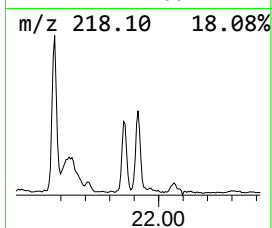
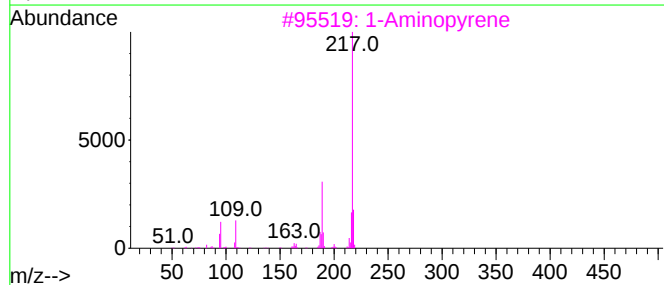
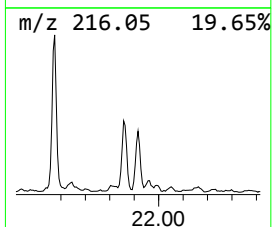
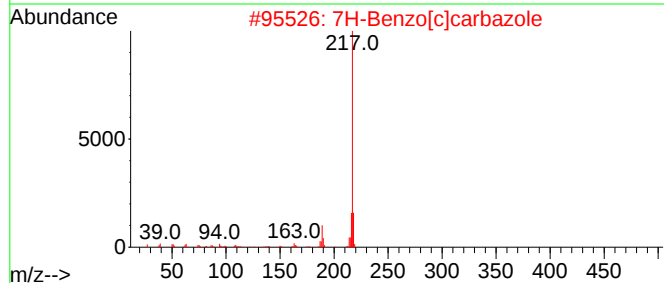
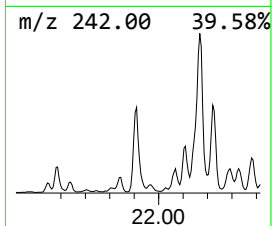
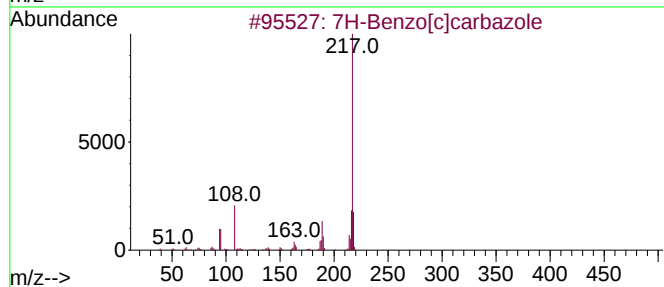
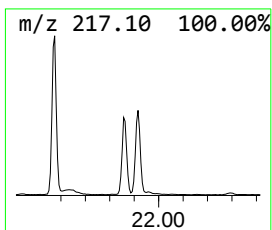
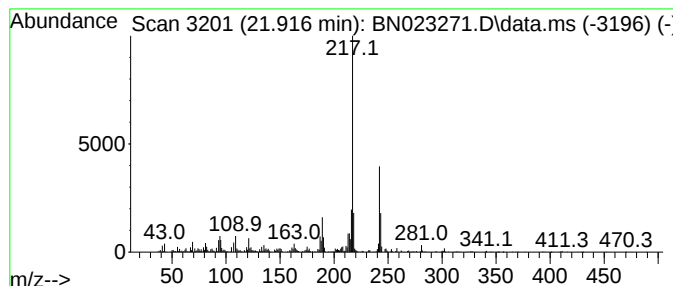
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 7H-Benzo[c]carbazole Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.916	2.02 ng/ul	1088420	Chrysene-d12	21.586

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			7H-Benzo[c]carbazole	217	C16H11N	000205-25-4	92
2			7H-Benzo[c]carbazole	217	C16H11N	000205-25-4	70
3			1-Aminopyrene	217	C16H11N	001606-67-3	70
4			Benzo(b)carbazole	217	C16H11N	000243-28-7	64
5			11H-Benzo[a]carbazole	217	C16H11N	000239-01-0	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121622\
Data File : BN023271.D
Acq On : 17 Dec 2022 10:56
Operator : CG/JU
Sample : N5925-16
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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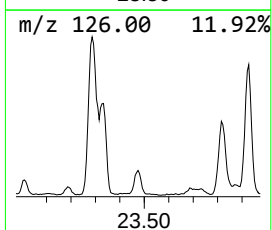
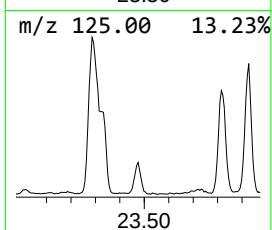
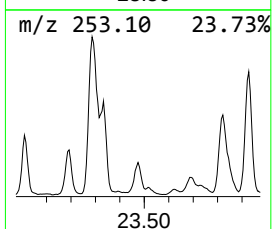
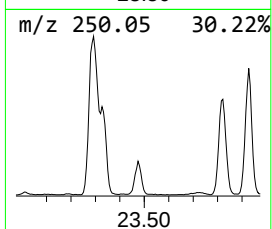
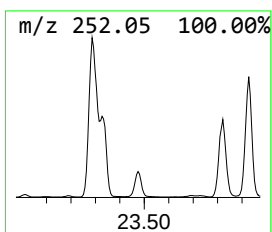
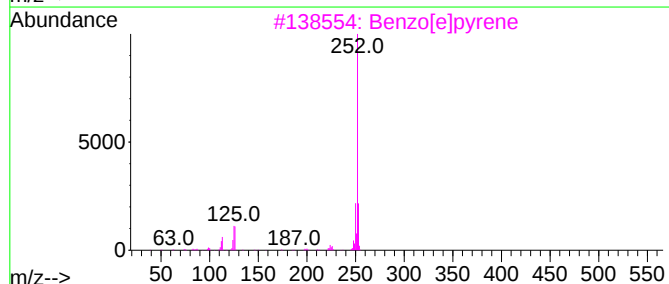
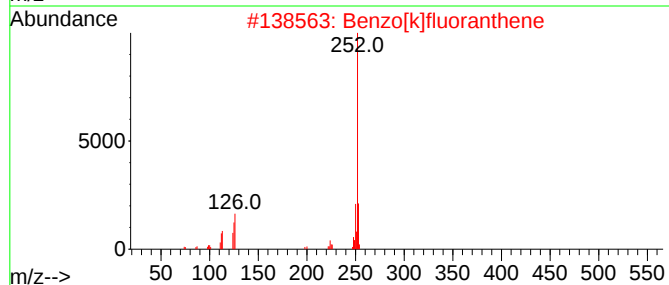
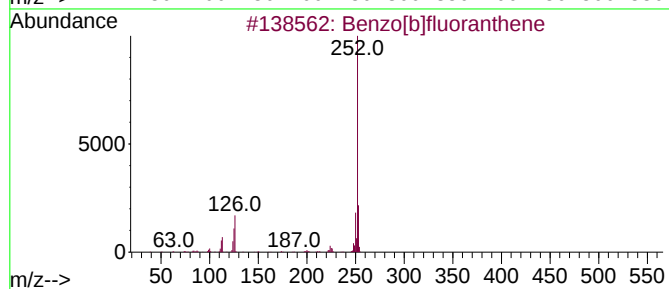
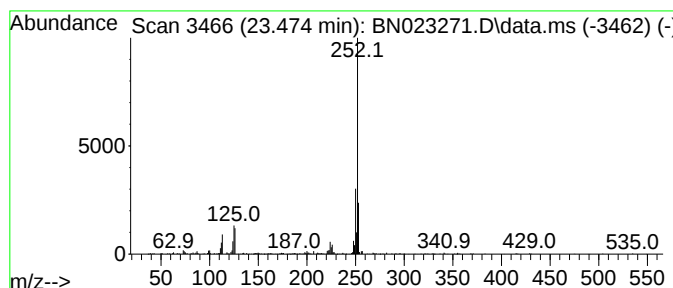
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 Benzo[e]pyrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.474	2.66 ng/ul	562169	Perylene-d12	24.039

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
2			Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
3			Benzo[e]pyrene	252	C20H12	000192-97-2	91
4			Benzo[a]pyrene	252	C20H12	000050-32-8	91
5			Benzo[a]pyrene	252	C20H12	000050-32-8	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121622\
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Misc :
ALS Vial : 39 Sample Multiplier: 1

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ClientSampleId :
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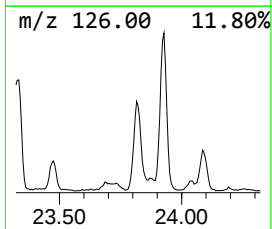
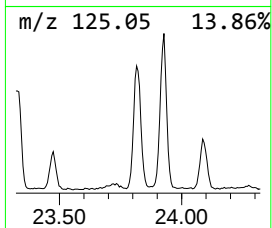
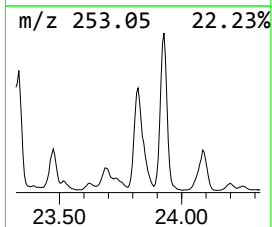
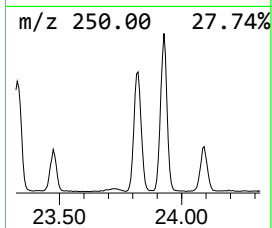
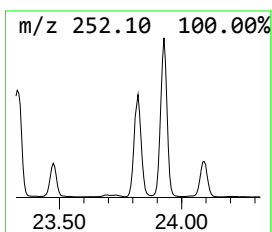
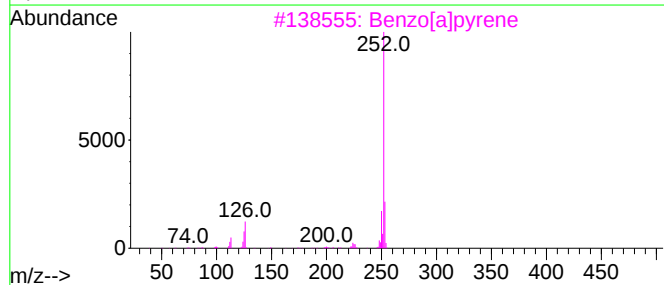
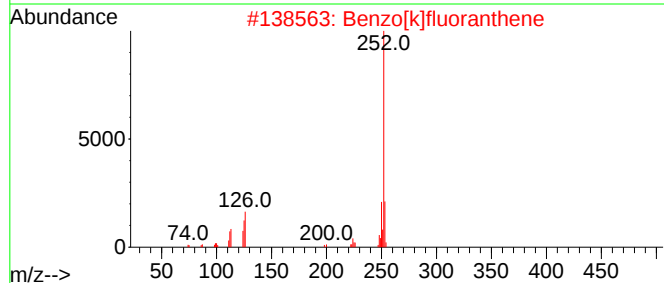
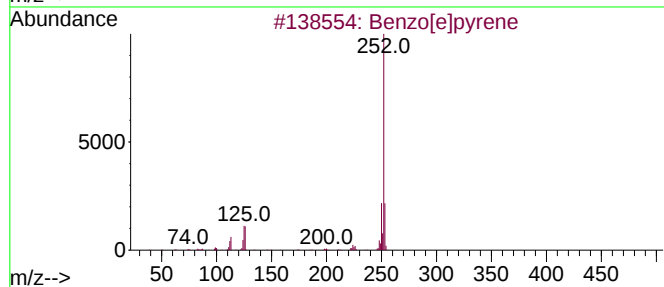
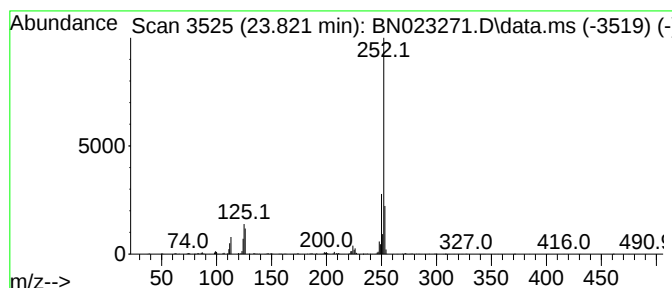
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 Perylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.821	8.13 ng/ul	1719200	Perylene-d12	24.039

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[e]pyrene	252	C20H12	000192-97-2	99
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3		Benzo[a]pyrene	252	C20H12	000050-32-8	97
4		Perylene	252	C20H12	000198-55-0	95
5		Benzo[j]fluoranthene	252	C20H12	000205-82-3	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121622\
Data File : BN023271.D
Acq On : 17 Dec 2022 10:56
Operator : CG/JU
Sample : N5925-16
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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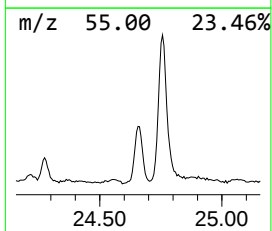
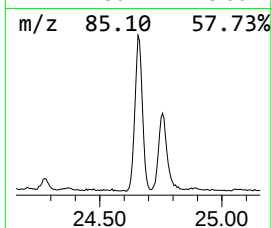
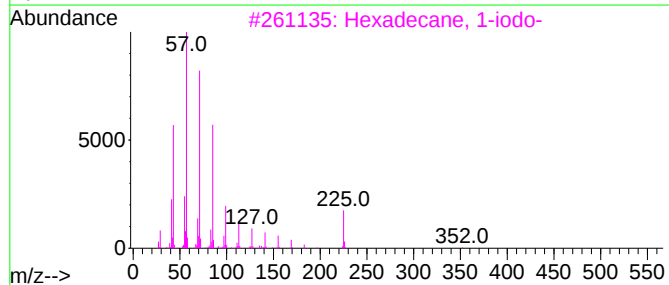
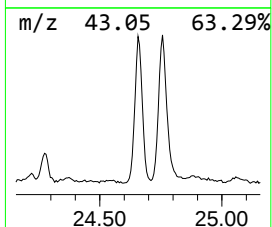
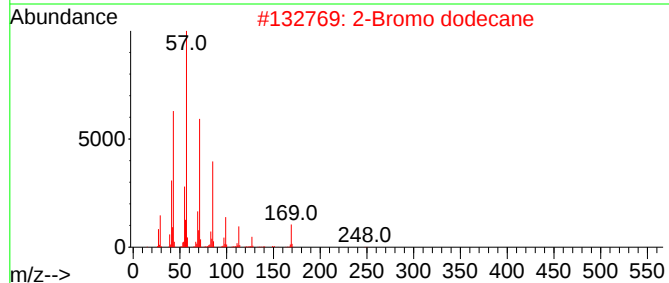
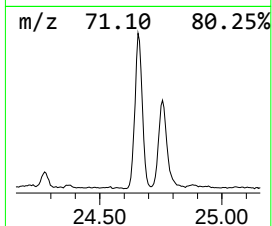
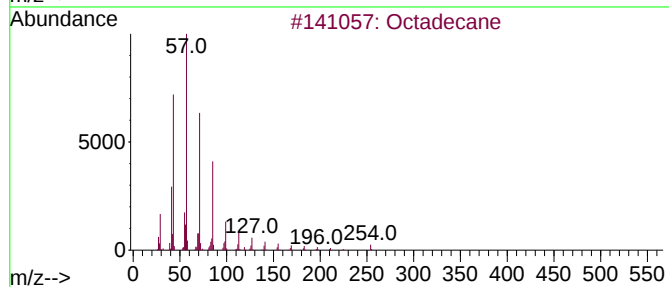
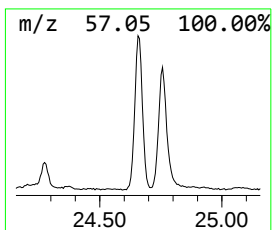
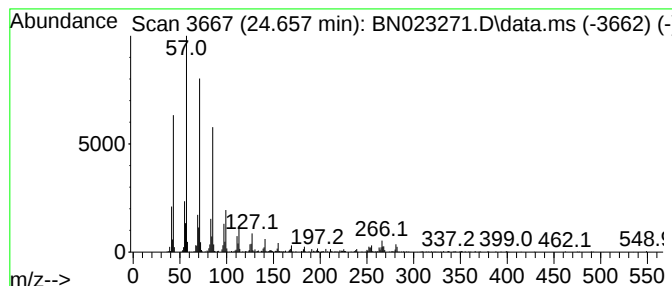
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.657	5.51 ng/ul	1165650	Perylene-d12	24.039

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecane	254	C18H38	000593-45-3	95
2		2-Bromo dodecane	248	C12H25Br	013187-99-0	93
3		Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	93
4		Heptacosane	380	C27H56	000593-49-7	90
5		Octacosane, 2-methyl-	408	C29H60	001560-98-1	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121622\
Data File : BN023271.D
Acq On : 17 Dec 2022 10:56
Operator : CG/JU
Sample : N5925-16
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DBYA3

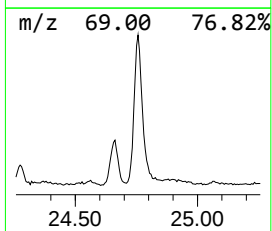
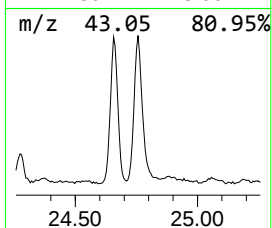
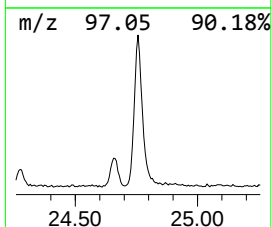
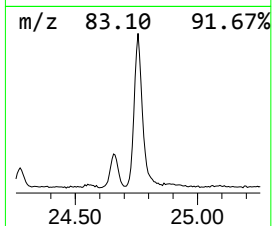
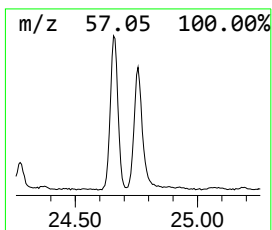
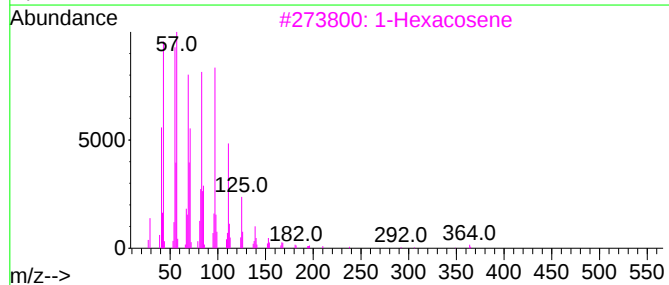
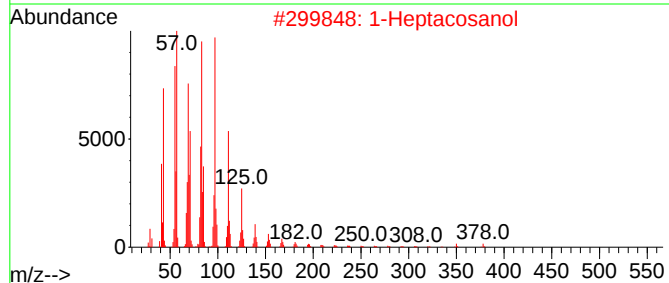
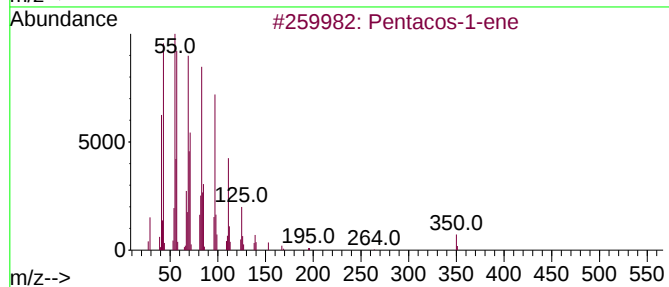
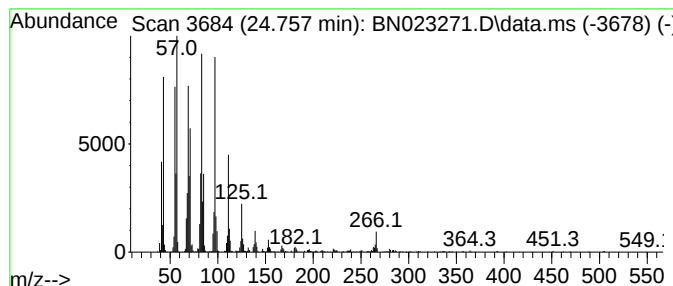
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.757	8.72 ng/ul	1842480	Perylene-d12	24.039

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentacos-1-ene	350	C25H50	016980-85-1	96
2		1-Heptacosanol	396	C27H56O	002004-39-9	94
3		1-Hexacosene	364	C26H52	018835-33-1	94
4		1-Heneicosanol	312	C21H44O	015594-90-8	93
5		Octacosanol	410	C28H58O	000557-61-9	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121622\
Data File : BN023271.D
Acq On : 17 Dec 2022 10:56
Operator : CG/JU
Sample : N5925-16
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DBYA3

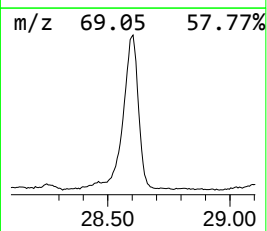
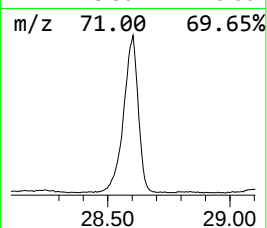
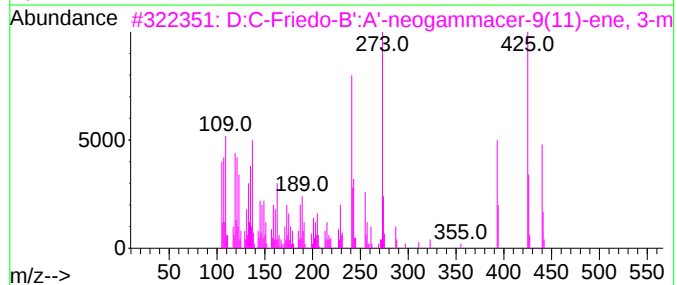
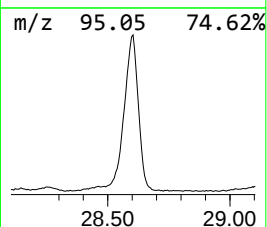
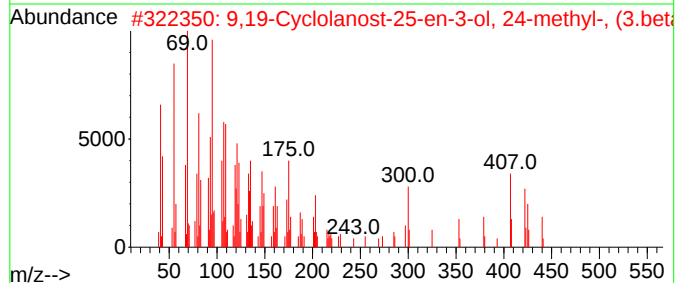
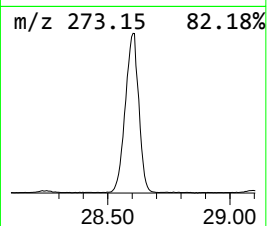
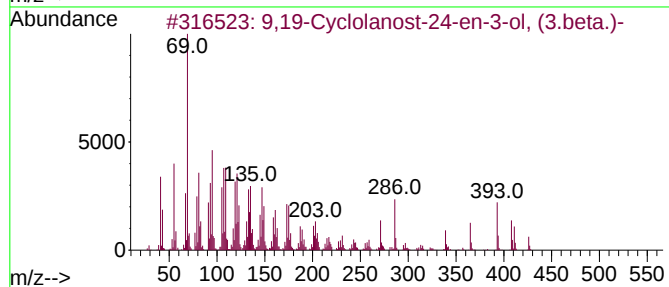
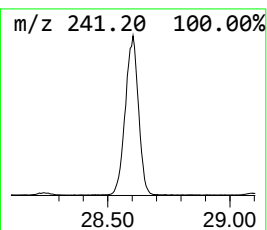
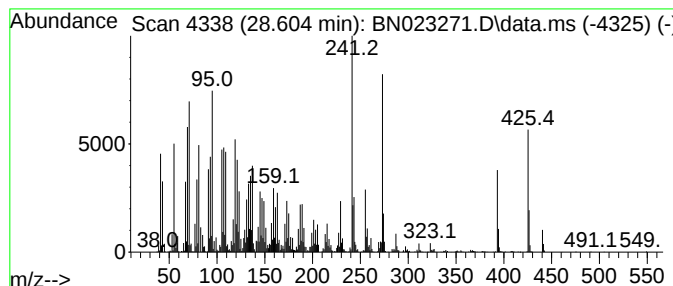
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.604	54.74 ng/ul	11569300	Perylene-d12	24.039

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,19-Cyclolanost-24-en-3-ol, (3...	426	C30H50O	000469-38-5	38		
2	9,19-Cyclolanost-25-en-3-ol, 24-...	440	C31H52O	000511-61-5	35		
3	D:C-Friedo-B':A'-neogammacer-9(1...	440	C31H52O	004555-56-0	27		
4	5-(2-Butenyl)-17-oxo-4-nor-3,5-s...	360	C23H36O3	1000074-89-7	22		
5	Undec-10-ynoic acid, 2,7-dimethy...	316	C21H32O2	1000406-96-7	14		



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121622\
 Data File : BN023271.D
 Acq On : 17 Dec 2022 10:56
 Operator : CG/JU
 Sample : N5925-16
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBYA3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN121522.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
2-Pentanone, 4-...	5.069	5.3	ng/ul	444733	1	7.999	1692320	20.0
Benzophenone	16.004	2.4	ng/ul	473780	3	14.645	3949400	20.0
Carba zole	17.798	3.1	ng/ul	762469	4	17.398	4925140	20.0
n-Hexadecanoic ...	18.292	11.2	ng/ul	2751860	4	17.398	4925140	20.0
Phenanthrene, 2...	18.322	3.6	ng/ul	894062	4	17.398	4925140	20.0
4H-Cyclopenta[d...	18.469	4.5	ng/ul	1110550	4	17.398	4925140	20.0
9,10-Dimethylan...	19.186	2.1	ng/ul	511281	4	17.398	4925140	20.0
Cyclopenta(def)...	19.328	2.5	ng/ul	612209	4	17.398	4925140	20.0
Octadecanoic acid	19.563	2.2	ng/ul	1164720	5	21.586	10770000	20.0
11H-Benzo[b]flu...	20.310	2.9	ng/ul	1574970	5	21.586	10770000	20.0
Benzo[b]naphtho...	21.227	3.5	ng/ul	1879470	5	21.586	10770000	20.0
1-Heneicosyl fo...	21.280	15.0	ng/ul	8064170	5	21.586	10770000	20.0
11H-Benzo[a]flu...	21.351	2.6	ng/ul	1404560	5	21.586	10770000	20.0
7H-Benzo[c]carb...	21.916	2.0	ng/ul	1088420	5	21.586	10770000	20.0
Benzo[e]pyrene	23.474	2.7	ng/ul	562169	6	24.039	4227250	20.0
Perylene	23.821	8.1	ng/ul	1719200	6	24.039	4227250	20.0
(DEL) Alkane: S...	24.657	5.5	ng/ul	1165650	6	24.039	4227250	20.0
(DEL) Alkane: S...	24.757	8.7	ng/ul	1842480	6	24.039	4227250	20.0
unknown-01	28.604	54.7	ng/ul	11569300	6	24.039	4227250	20.0