

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100724\
 Data File : BN034438.D
 Acq On : 07 Oct 2024 14:59
 Operator : RC/JU
 Sample : P4109-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4EH7

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 0.1 % of largest Peak

Max Peaks: 100

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-BN091124.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BN034438.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.999	15	19	28	rVB	15977	29282	0.82%	0.079%
2	3.405	83	88	93	rBV4	8728	18511	0.52%	0.050%
3	3.481	97	101	110	rVB	37431	47121	1.33%	0.128%
4	3.687	132	136	144	rVB	12598	18746	0.53%	0.051%
5	4.575	281	287	294	rVB2	32614	58647	1.65%	0.159%
6	6.581	621	628	639	rVB	208693	372338	10.47%	1.011%
7	6.734	647	654	663	rBV	189054	299875	8.43%	0.814%
8	6.916	679	685	695	rBV	248641	393328	11.06%	1.067%
9	7.375	755	763	771	rBV	532100	814399	22.90%	2.210%
10	8.093	879	885	897	rBV	234654	397078	11.17%	1.078%
11	8.193	897	902	911	rVB	73529	118449	3.33%	0.321%
12	8.516	950	957	968	rBV	203883	340554	9.58%	0.924%
13	9.234	1072	1079	1089	rBV	166579	285107	8.02%	0.774%
14	9.593	1135	1140	1146	rVB4	8602	15548	0.44%	0.042%
15	9.769	1163	1170	1188	rBV	271175	472484	13.29%	1.282%
16	10.134	1225	1232	1237	rBV	681922	1134819	31.92%	3.080%
17	10.181	1237	1240	1248	rVB	51071	78127	2.20%	0.212%
18	10.287	1248	1258	1268	rBV	116094	247168	6.95%	0.671%
19	11.804	1511	1516	1524	rBV	20556	37122	1.04%	0.101%
20	12.034	1549	1555	1563	rVB	16671	28001	0.79%	0.076%
21	12.857	1691	1695	1702	rBV4	6969	14808	0.42%	0.040%
22	13.346	1773	1778	1783	rBV3	16168	28361	0.80%	0.077%
23	13.404	1783	1788	1791	rVV2	8539	13711	0.39%	0.037%
24	13.457	1791	1797	1808	rVB	490203	702278	19.75%	1.906%
25	13.581	1815	1818	1823	rBV3	8295	13643	0.38%	0.037%
26	13.716	1834	1841	1853	rBV	589015	918803	25.84%	2.494%
27	14.028	1888	1894	1901	rBV	1076575	1527000	42.94%	4.144%
28	14.093	1901	1905	1910	rVB	68826	96259	2.71%	0.261%
29	14.169	1914	1918	1923	rVB5	9319	15426	0.43%	0.042%
30	14.269	1926	1935	1944	rBV	88156	208193	5.86%	0.565%
31	14.434	1957	1963	1969	rBV	49912	85299	2.40%	0.231%
32	14.522	1975	1978	1982	rVB3	12417	17470	0.49%	0.047%
33	14.657	1997	2001	2006	rBV6	8592	14090	0.40%	0.038%
34	14.863	2034	2036	2043	rVB7	11362	14506	0.41%	0.039%
35	15.034	2058	2065	2070	rBV	780351	1119759	31.49%	3.039%
36	15.087	2070	2074	2080	rVV	83870	128159	3.60%	0.348%

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Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Title : SVOA CALIBRATION

37	15.169	2082	2088	2094	rVV	159694	240894	6.77%	0.654%
38	15.216	2094	2096	2099	rVV2	15556	18479	0.52%	0.050%
39	15.251	2099	2102	2106	rVV3	17071	26389	0.74%	0.072%
40	15.304	2108	2111	2115	rVV4	24032	32772	0.92%	0.089%
41	15.410	2121	2129	2136	rVB	189589	288137	8.10%	0.782%
42	15.534	2146	2150	2159	rVB	25488	54953	1.55%	0.149%
43	15.622	2159	2165	2170	rBV9	11724	24754	0.70%	0.067%
44	15.769	2186	2190	2192	rBV5	14257	18252	0.51%	0.050%
45	15.975	2219	2225	2230	rVV3	30101	47732	1.34%	0.130%
46	16.028	2232	2234	2238	rVV3	16533	20637	0.58%	0.056%
47	16.081	2239	2243	2244	rVV4	17212	22490	0.63%	0.061%
48	16.098	2244	2246	2251	rVV2	21748	32937	0.93%	0.089%
49	16.151	2251	2255	2260	rVB3	15047	25906	0.73%	0.070%
50	16.239	2267	2270	2277	rVB6	12164	26939	0.76%	0.073%
51	16.328	2277	2285	2289	rBV5	63215	105938	2.98%	0.288%
52	16.445	2301	2305	2314	rVB2	57163	93949	2.64%	0.255%
53	16.545	2316	2322	2325	rBV5	26106	49873	1.40%	0.135%
54	16.604	2326	2332	2336	rVV	41966	71603	2.01%	0.194%
55	16.681	2341	2345	2348	rBV2	56942	77492	2.18%	0.210%
56	16.716	2348	2351	2355	rVB	75703	89484	2.52%	0.243%
57	16.787	2357	2363	2367	rBV	1395008	1941211	54.59%	5.268%
58	16.828	2367	2370	2375	rVV	996022	1297268	36.48%	3.521%
59	16.887	2375	2380	2384	rVV2	904856	1275390	35.87%	3.461%
60	16.922	2384	2386	2391	rVV	175751	197527	5.56%	0.536%
61	16.981	2391	2396	2404	rVB2	124450	195938	5.51%	0.532%
62	17.169	2424	2428	2429	rBV	25011	30225	0.85%	0.082%
63	17.198	2430	2433	2438	rVB	72831	98278	2.76%	0.267%
64	17.257	2438	2443	2446	rBV2	69512	97906	2.75%	0.266%
65	17.322	2452	2454	2459	rVB4	31119	30632	0.86%	0.083%
66	17.404	2459	2468	2474	rBV	291424	505787	14.22%	1.373%
67	17.516	2483	2487	2492	rVB3	75705	119776	3.37%	0.325%
68	17.592	2497	2500	2504	rVB4	30261	40316	1.13%	0.109%
69	17.663	2506	2512	2516	rBV2	120966	239844	6.75%	0.651%
70	17.722	2516	2522	2530	rVV2	398798	703123	19.77%	1.908%
71	17.792	2530	2534	2539	rVV3	71782	120753	3.40%	0.328%
72	17.869	2540	2547	2555	rVV4	276969	684140	19.24%	1.857%
73	17.934	2555	2558	2561	rVB	141363	162522	4.57%	0.441%
74	17.975	2561	2565	2569	rBV	124656	152274	4.28%	0.413%
75	18.163	2592	2597	2602	rBV2	163033	352057	9.90%	0.955%
76	18.210	2602	2605	2610	rVB2	138777	189063	5.32%	0.513%

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77	18.269	2611	2615	2618	rBV4	56086	100599	2.83%	0.273%
78	18.339	2623	2627	2633	rVB	110883	152668	4.29%	0.414%
79	18.428	2639	2642	2647	rVB4	63355	91439	2.57%	0.248%
80	18.516	2654	2657	2661	rBV3	47530	61220	1.72%	0.166%
81	18.598	2667	2671	2676	rBV2	96924	146213	4.11%	0.397%
82	18.657	2677	2681	2685	rVV3	119923	189423	5.33%	0.514%
83	18.704	2686	2689	2692	rVV2	110099	174058	4.90%	0.472%
84	18.739	2692	2695	2703	rVB5	187675	333499	9.38%	0.905%
85	18.863	2711	2716	2721	rVB	1512085	1952998	54.93%	5.300%
86	19.022	2739	2743	2748	rBV3	196712	292886	8.24%	0.795%
87	19.198	2768	2773	2776	rBV	1159232	1727288	48.58%	4.688%
88	19.228	2776	2778	2782	rVB	928389	988414	27.80%	2.683%
89	19.475	2817	2820	2825	rVB	116744	136927	3.85%	0.372%
90	19.733	2861	2864	2870	rVB	205571	271451	7.63%	0.737%
91	19.798	2872	2875	2878	rBV2	90580	103337	2.91%	0.280%
92	19.839	2879	2882	2885	rBV	130748	137849	3.88%	0.374%
93	19.892	2888	2891	2895	rVB2	123217	165753	4.66%	0.450%
94	20.169	2935	2938	2942	rBV	175790	185395	5.21%	0.503%
95	20.763	3036	3039	3049	rVB4	462906	824809	23.20%	2.239%
96	20.975	3071	3075	3078	rBV	950354	1156268	32.52%	3.138%
97	21.027	3078	3084	3088	rVV2	1830541	3555742	100.00%	9.650%
98	21.063	3088	3090	3100	rVB	713908	1014801	28.54%	2.754%
99	22.892	3396	3401	3407	rBV	459130	1129819	31.77%	3.066%
100	23.733	3538	3544	3551	rBV	924583	2025431	56.96%	5.497%

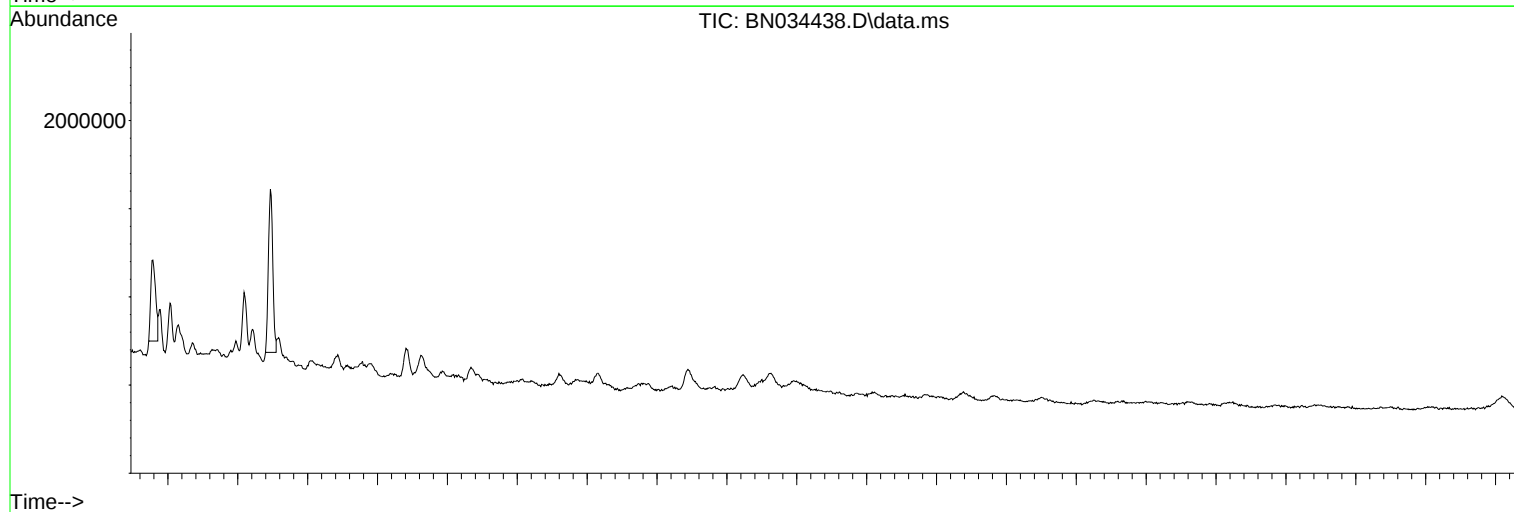
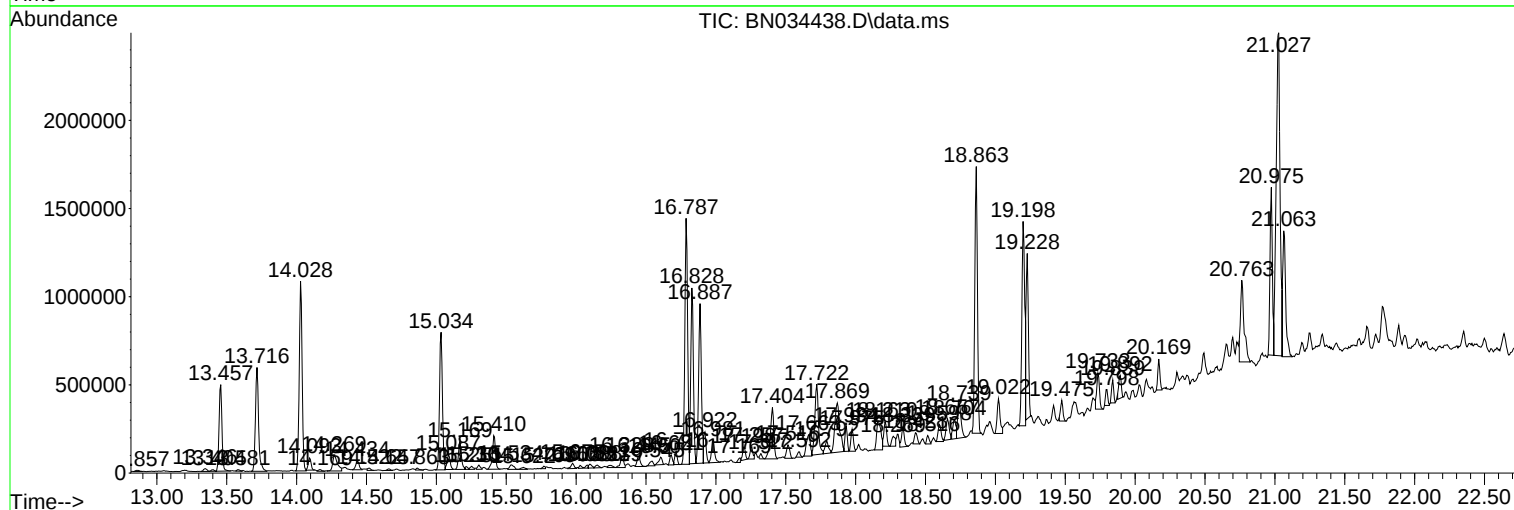
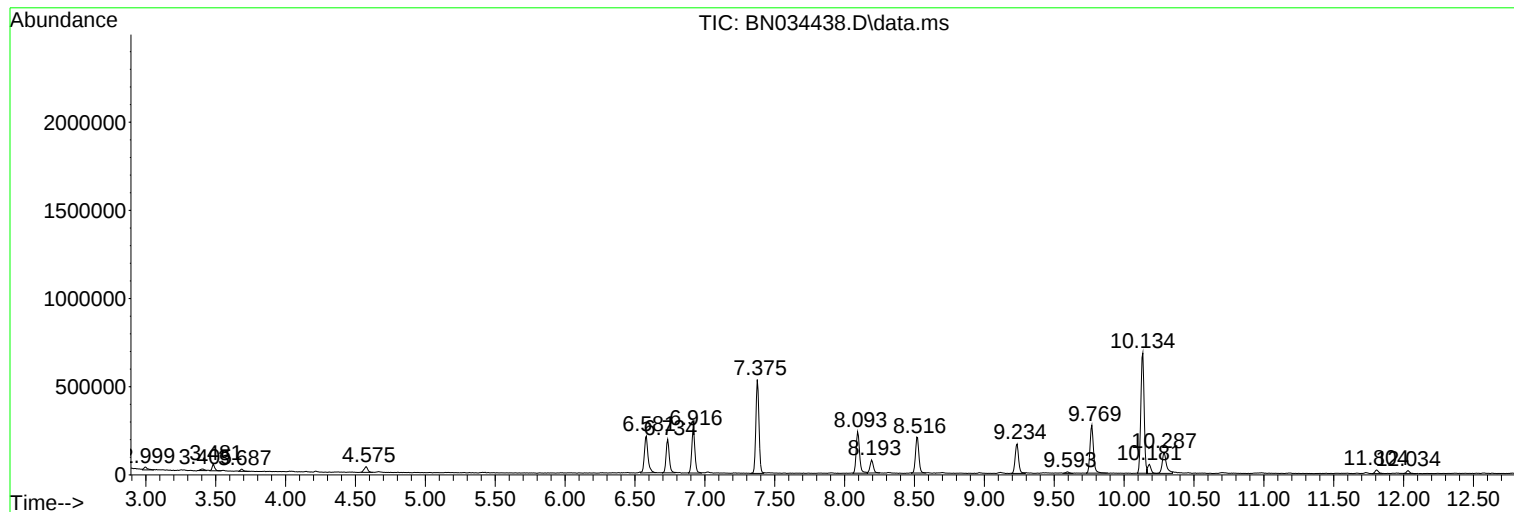
Sum of corrected areas: 36846396

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION

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



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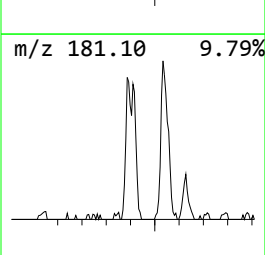
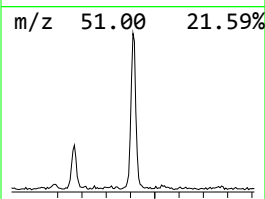
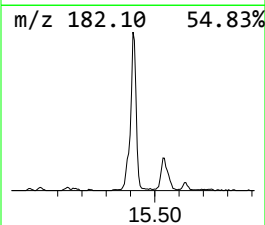
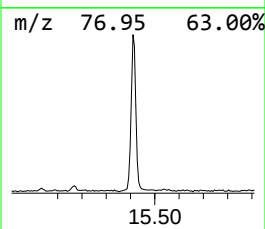
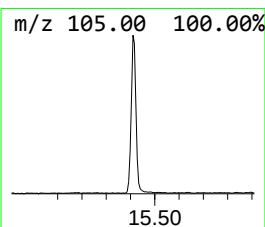
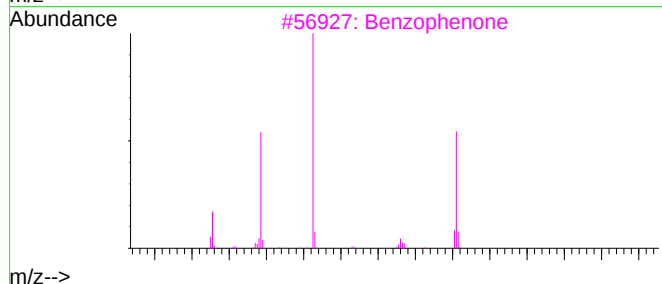
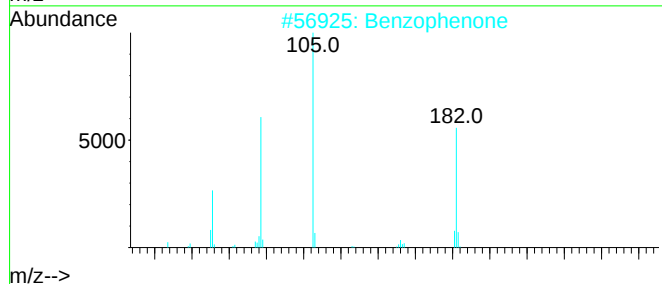
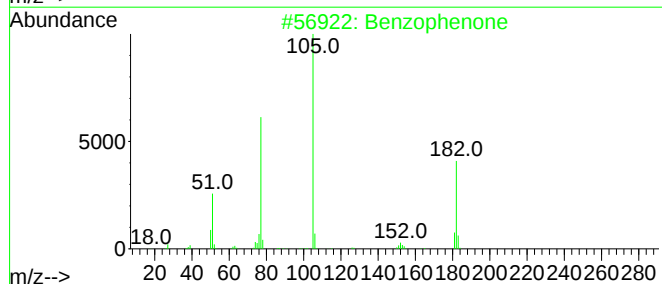
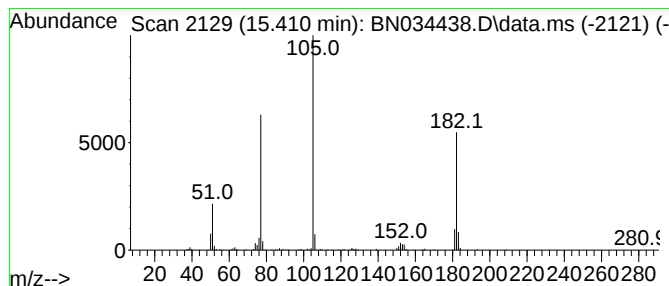
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Benzophenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.410	2.97 ng/ul	288137	Phenanthrene-d10	16.787

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzophenone	182	C13H10O	000119-61-9	96
3	Benzophenone	182	C13H10O	000119-61-9	95
4	Benzophenone	182	C13H10O	000119-61-9	93
5	Benzophenone	182	C13H10O	000119-61-9	91



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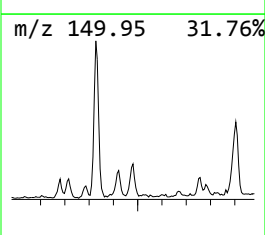
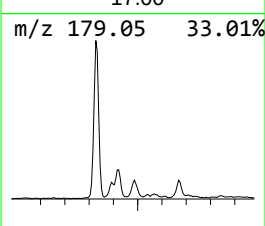
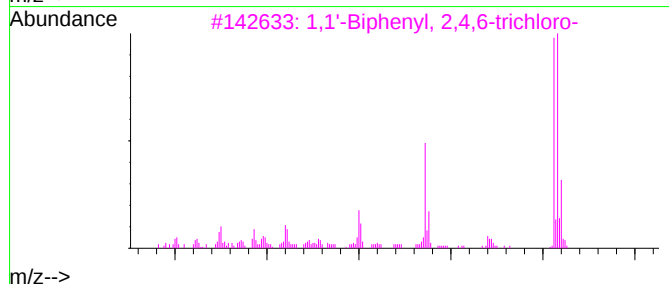
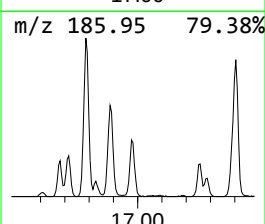
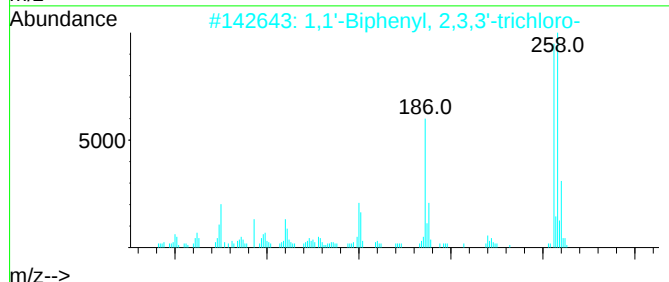
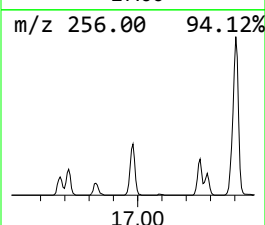
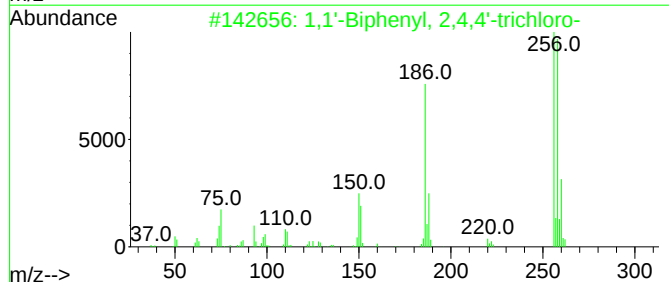
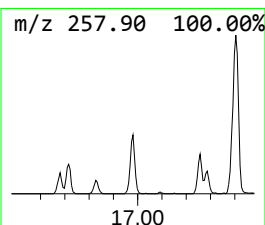
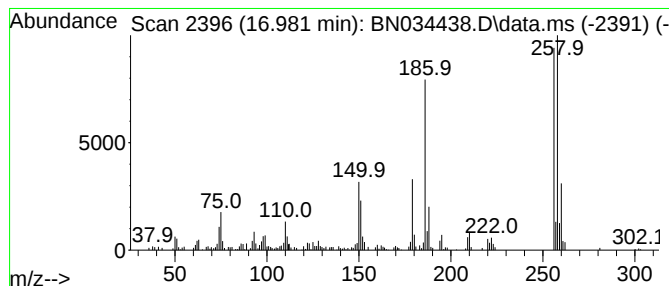
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 2 1,1'-Biphenyl, 2,4,4'-trich... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.	
16.981	2.02 ng/ul	195938	Phenanthrene-d10		16.787	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4,4'-trichloro-		256	C12H7Cl3	007012-37-5	99
2	1,1'-Biphenyl, 2,3,3'-trichloro-		256	C12H7Cl3	038444-84-7	97
3	1,1'-Biphenyl, 2,4,6-trichloro-		256	C12H7Cl3	035693-92-6	96
4	1,1'-Biphenyl, 2,4,4'-trichloro-		256	C12H7Cl3	007012-37-5	95
5	1,1'-Biphenyl, 3,4,4'-Trichloro-		256	C12H7Cl3	038444-90-5	95



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Quant Title : SVOA CALIBRATION

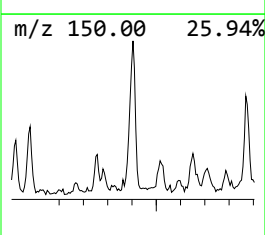
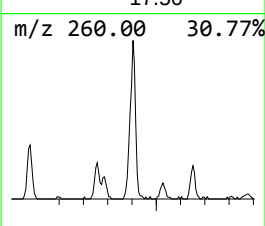
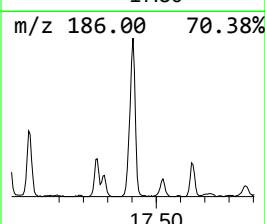
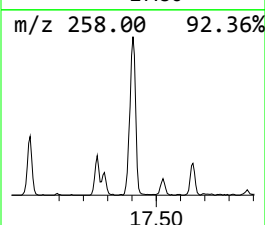
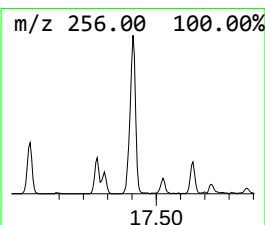
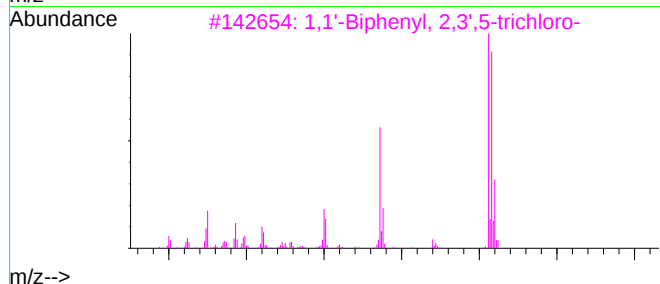
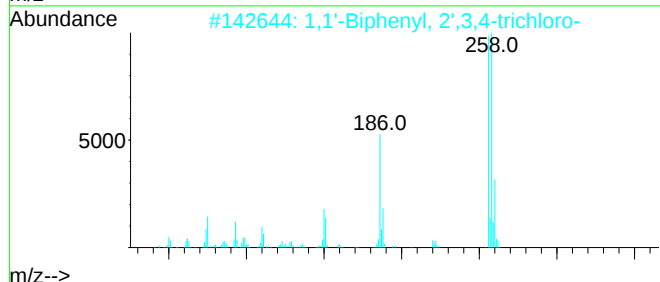
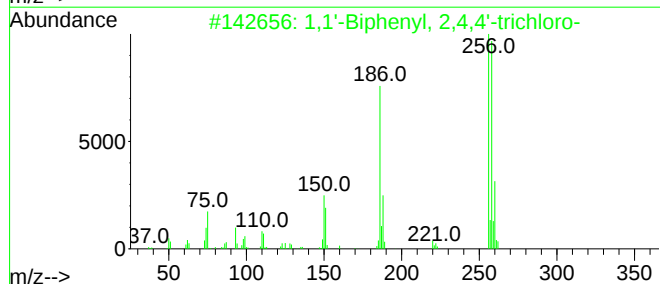
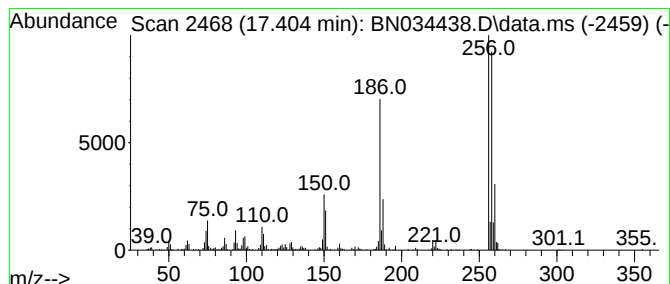
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TIC Integration Parameters: LSCINT.P

Peak Number 3 1,1'-Biphenyl, 2',3,4-trich... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.404	5.21 ng/ul	505787	Phenanthrene-d10	16.787

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99
2	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	99
3	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	99
4	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	99
5	1,1'-Biphenyl, 3,3',5-trichloro-	256	C12H7Cl3	038444-87-0	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100724\
Data File : BN034438.D
Acq On : 07 Oct 2024 14:59
Operator : RC/JU
Sample : P4109-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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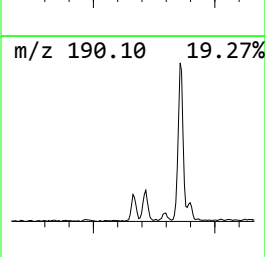
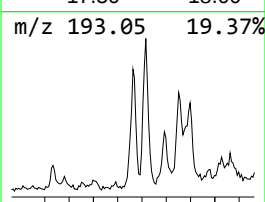
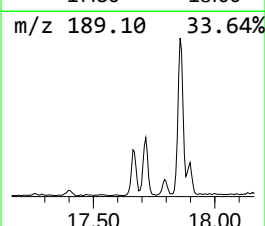
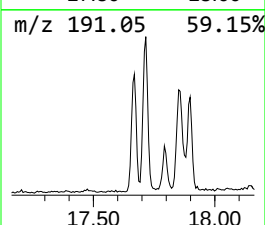
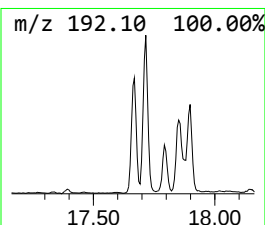
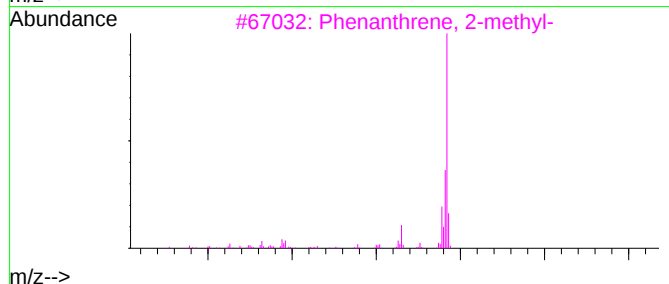
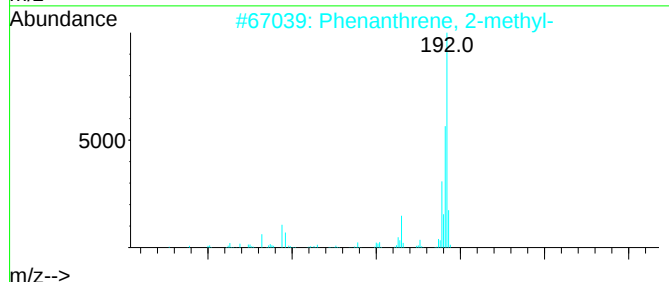
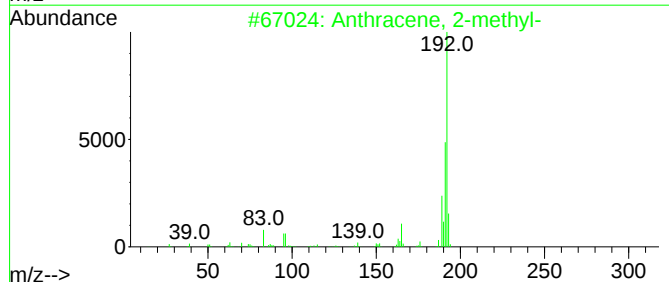
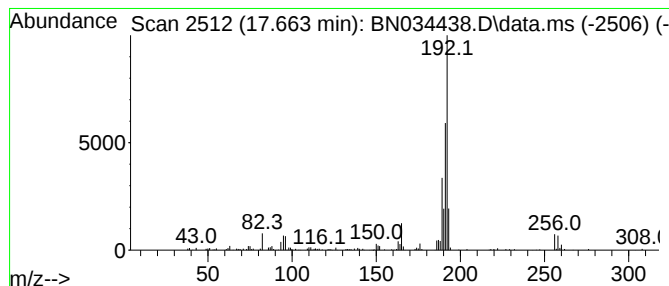
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 4 Anthracene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.663	2.47 ng/ul	239844	Phenanthrene-d10	16.787	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90



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Data File : BN034438.D
Acq On : 07 Oct 2024 14:59
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Sample : P4109-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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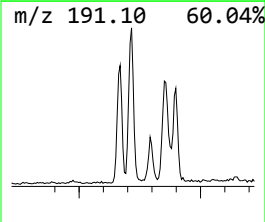
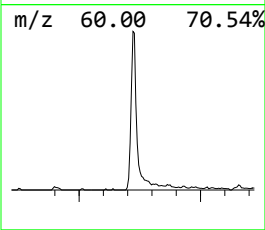
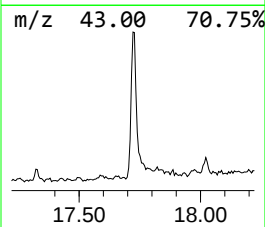
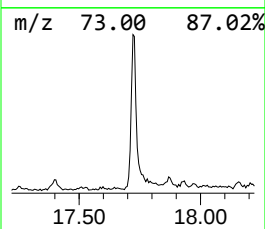
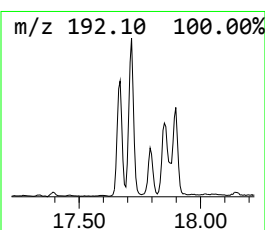
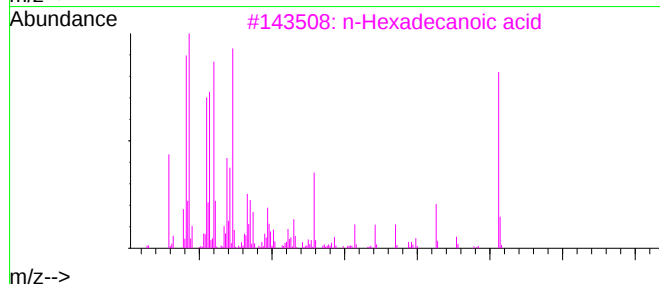
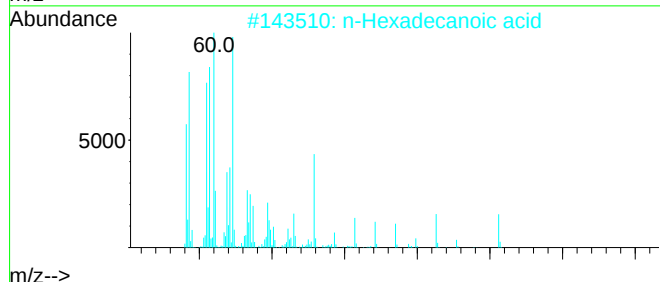
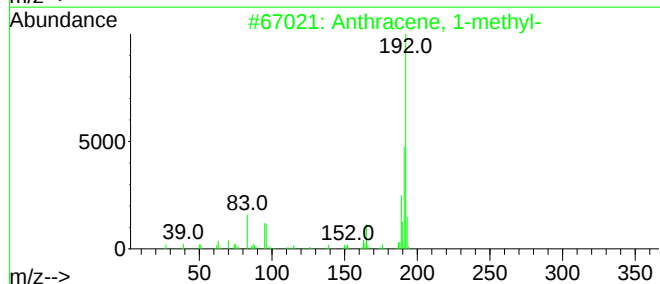
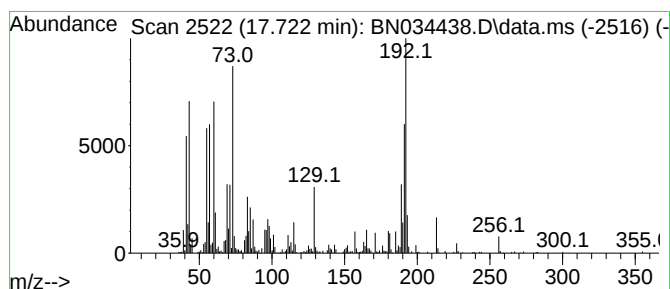
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Anthracene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.722	7.24 ng/ul	703123	Phenanthrene-d10	16.787

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100724\
Data File : BN034438.D
Acq On : 07 Oct 2024 14:59
Operator : RC/JU
Sample : P4109-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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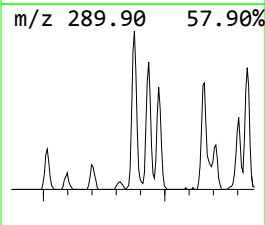
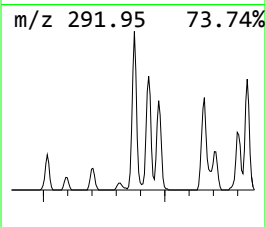
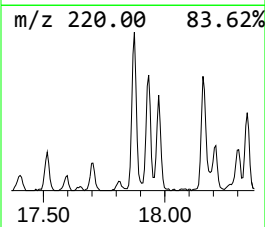
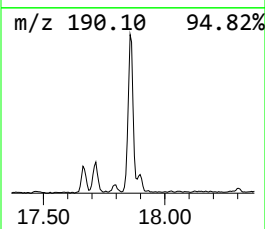
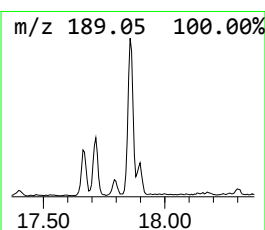
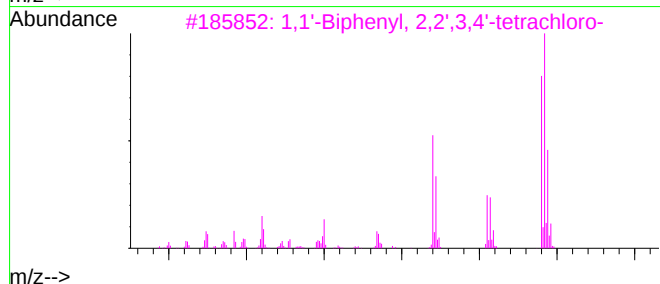
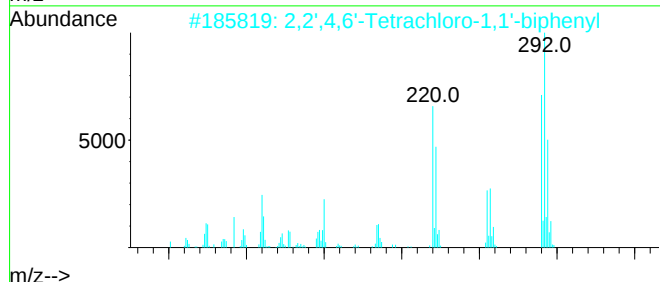
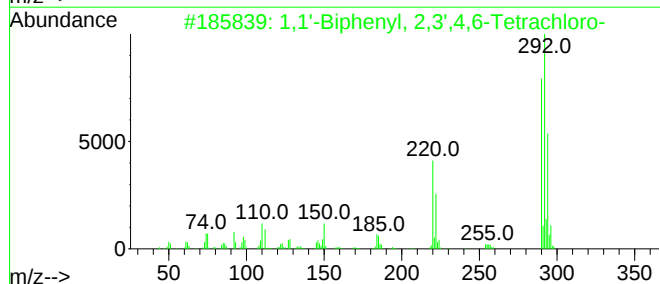
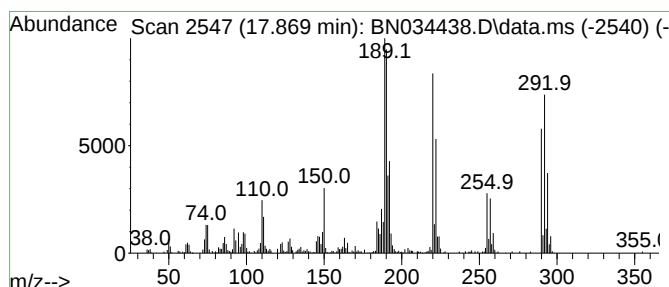
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 1,1'-Biphenyl, 2,3',4,6-Tet... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.869	7.05 ng/ul	684140	Phenanthrene-d10	16.787

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3',4,6-Tetrachl...	290	C12H6Cl4	060233-24-1	97
2	2,2',4,6'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	068194-04-7	97
3	1,1'-Biphenyl, 2,2',3,4'-tetrach...	290	C12H6Cl4	036559-22-5	97
4	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	97
5	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	97



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100724\
Data File : BN034438.D
Acq On : 07 Oct 2024 14:59
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Sample : P4109-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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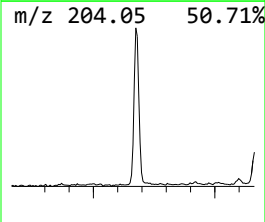
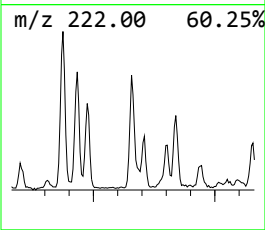
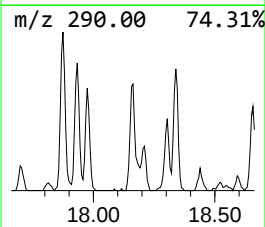
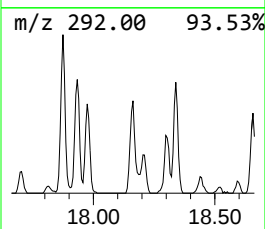
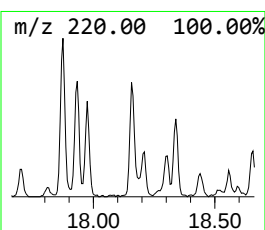
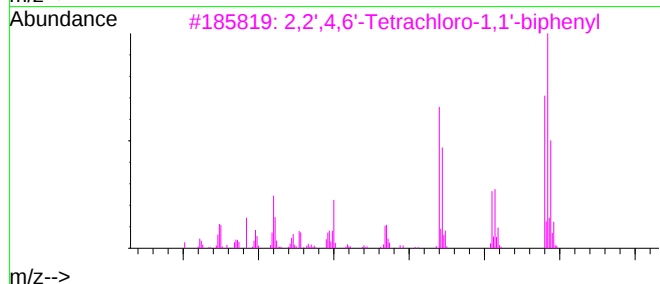
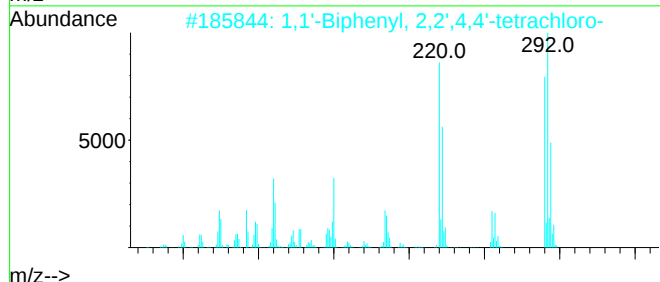
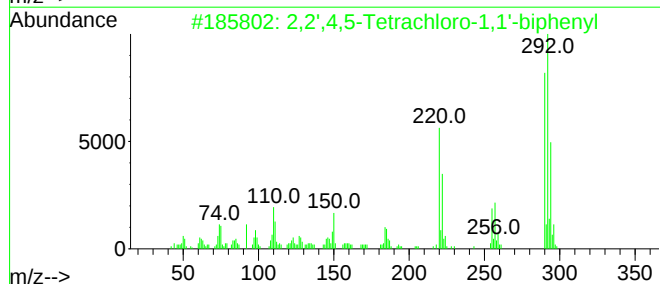
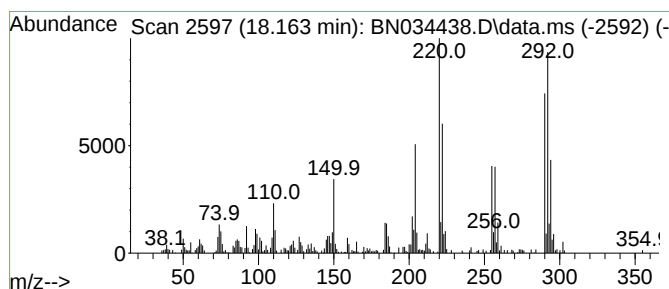
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 7 2,2',4,5-Tetrachloro-1,1'-b... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.163	3.63 ng/ul	352057	Phenanthrene-d10	16.787	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99
2	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
3	2,2',4,6'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	068194-04-7	99
4	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
5	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100724\
Data File : BN034438.D
Acq On : 07 Oct 2024 14:59
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Sample : P4109-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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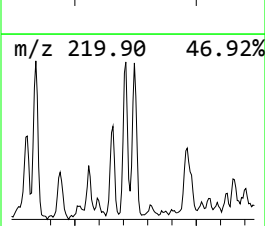
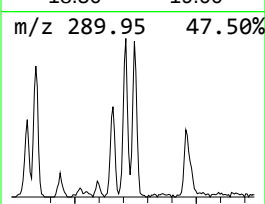
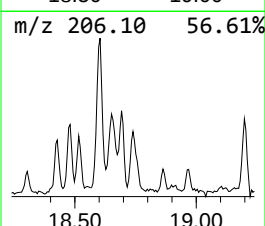
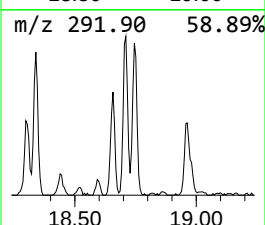
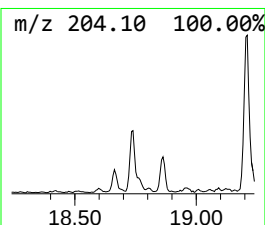
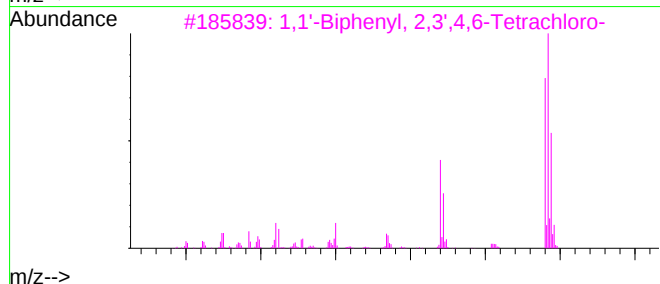
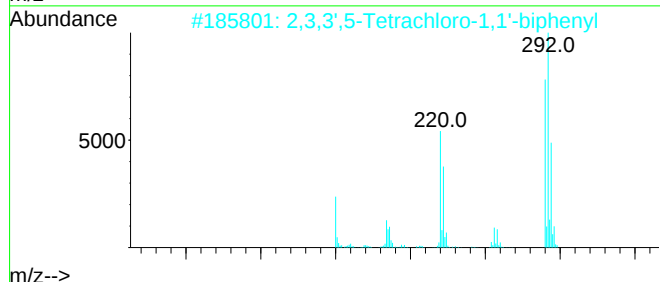
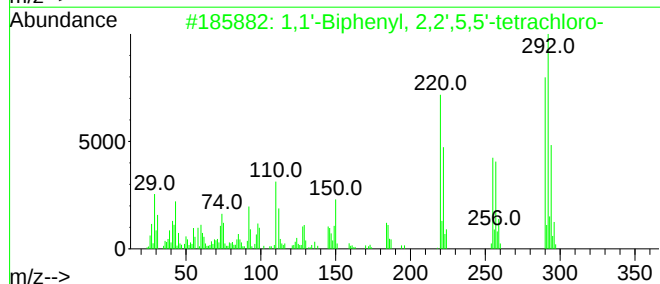
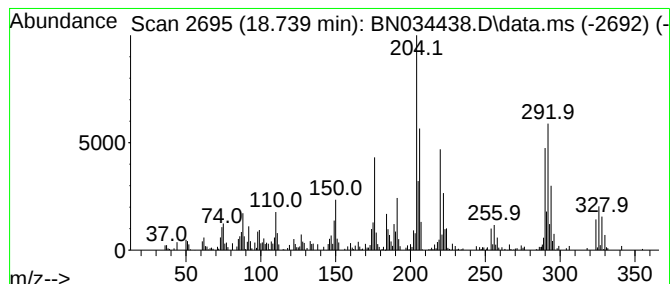
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 8 1,1'-Biphenyl, 2,2',5,5'-te... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.739	3.44 ng/ul	333499	Phenanthrene-d10		16.787	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',5,5'-tetrach...		290	C12H6Cl4	035693-99-3	96
2	2,3,3',5-Tetrachloro-1,1'-biphenyl		290	C12H6Cl4	070424-67-8	95
3	1,1'-Biphenyl, 2,3',4,6-Tetrachl...		290	C12H6Cl4	060233-24-1	95
4	2,3',4,5'-Tetrachloro-1,1'-biphenyl		290	C12H6Cl4	073575-52-7	95
5	3,4,4',5-Tetrachloro-1,1'-biphenyl		290	C12H6Cl4	070362-50-4	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100724\
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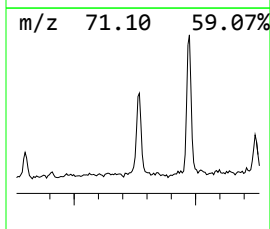
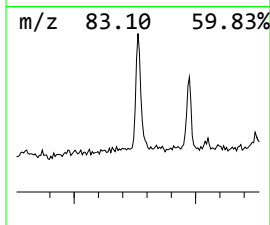
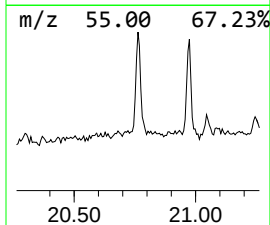
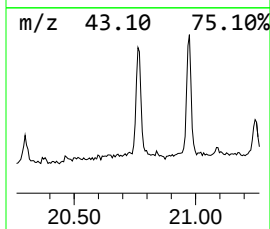
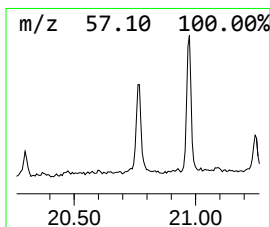
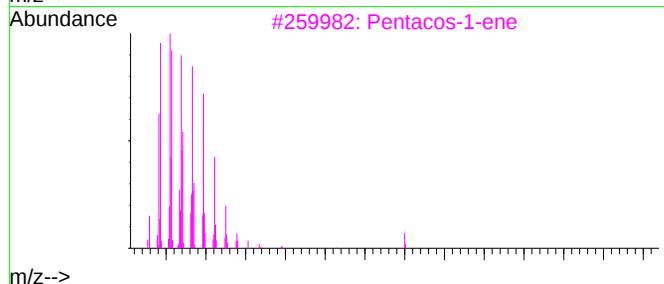
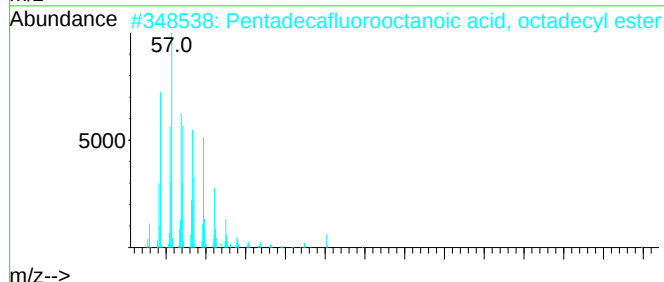
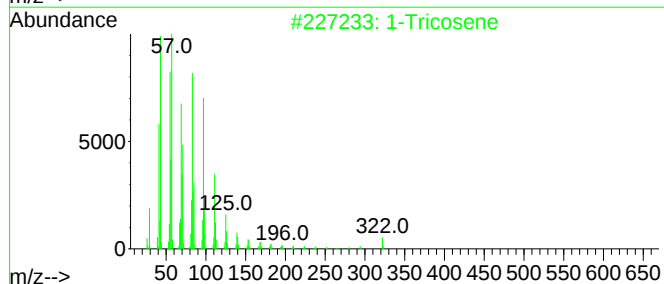
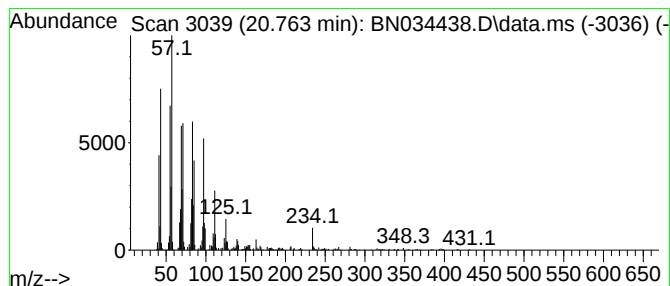
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.763	4.64 ng/ul	824809	Chrysene-d12	21.028	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tricosene	322	C23H46	018835-32-0	96
2	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	94
3	Pentacos-1-ene	350	C25H50	016980-85-1	93
4	9-Tricosene, (Z)-	322	C23H46	027519-02-4	92
5	1-Heneicosanol	312	C21H44O	015594-90-8	92



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100724\
Data File : BN034438.D
Acq On : 07 Oct 2024 14:59
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Sample : P4109-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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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
Benzophenone	15.410	3.0	ng/u1	288137	4	16.787	1941210	20.0
1,1'-Biphenyl, ...	16.981	2.0	ng/u1	195938	4	16.787	1941210	20.0
1,1'-Biphenyl, ...	17.404	5.2	ng/u1	505787	4	16.787	1941210	20.0
Anthracene, 2-m...	17.663	2.5	ng/u1	239844	4	16.787	1941210	20.0
Anthracene, 1-m...	17.722	7.2	ng/u1	703123	4	16.787	1941210	20.0
1,1'-Biphenyl, ...	17.869	7.0	ng/u1	684140	4	16.787	1941210	20.0
2,2',4,5-Tetrac...	18.163	3.6	ng/u1	352057	4	16.787	1941210	20.0
1,1'-Biphenyl, ...	18.739	3.4	ng/u1	333499	4	16.787	1941210	20.0
(DEL) Alkane: S...	20.763	4.6	ng/u1	824809	5	21.028	3555740	20.0