

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100424\
 Data File : BP022247.D
 Acq On : 05 Oct 2024 04:01
 Operator : RC/JU
 Sample : P4083-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4ES2

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_P\Methods\SFAM-EPA-BP092424.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BP022247.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.216	35	39	42	rVB2	6354	8356	0.25%	0.036%
2	3.640	107	111	122	rBV2	14496	27398	0.81%	0.117%
3	3.728	122	126	132	rVB	25185	34871	1.03%	0.149%
4	3.799	135	138	143	rVB5	4744	6137	0.18%	0.026%
5	3.946	159	163	171	rVB	16112	25377	0.75%	0.108%
6	4.493	253	256	261	rVB5	4464	4932	0.15%	0.021%
7	4.858	310	318	326	rBV3	23491	42209	1.24%	0.180%
8	4.946	328	333	338	rBV8	2792	4983	0.15%	0.021%
9	5.710	460	463	468	rBV5	3270	5400	0.16%	0.023%
10	6.875	652	661	673	rBV	107373	209371	6.17%	0.893%
11	7.028	681	687	696	rBV	79240	131978	3.89%	0.563%
12	7.234	715	722	730	rBV	109818	180210	5.31%	0.769%
13	7.687	789	799	808	rBV	493004	768301	22.66%	3.279%
14	8.393	913	919	927	rBV2	70088	126196	3.72%	0.539%
15	8.499	930	937	946	rVB	67207	114511	3.38%	0.489%
16	8.616	953	957	967	rVB4	4129	9055	0.27%	0.039%
17	8.828	986	993	1001	rBV	106381	181833	5.36%	0.776%
18	9.251	1060	1065	1072	rVB10	3403	6395	0.19%	0.027%
19	9.393	1084	1089	1095	rBV5	5011	8558	0.25%	0.037%
20	9.546	1107	1115	1121	rBV	91035	149791	4.42%	0.639%
21	9.710	1138	1143	1149	rBV2	15433	30755	0.91%	0.131%
22	9.781	1152	1155	1157	rVV4	3851	4612	0.14%	0.020%
23	9.898	1168	1175	1181	rVV2	9621	17858	0.53%	0.076%
24	10.087	1198	1207	1220	rBV	143423	269363	7.94%	1.149%
25	10.316	1240	1246	1251	rVB10	2942	4627	0.14%	0.020%
26	10.451	1258	1269	1275	rBV	588620	1035452	30.53%	4.419%
27	10.593	1284	1293	1304	rBV2	37217	84013	2.48%	0.359%
28	10.993	1354	1361	1368	rBV2	8024	17991	0.53%	0.077%
29	11.240	1397	1403	1404	rBV5	4165	5226	0.15%	0.022%
30	11.475	1438	1443	1449	rBV9	2425	5347	0.16%	0.023%
31	11.951	1517	1524	1527	rBV7	3370	6730	0.20%	0.029%
32	12.034	1533	1538	1542	rBV4	2662	4940	0.15%	0.021%
33	12.104	1545	1550	1558	rVB2	8950	16407	0.48%	0.070%
34	12.328	1585	1588	1592	rVB4	6772	8996	0.27%	0.038%
35	13.034	1702	1708	1711	rBV7	1960	4175	0.12%	0.018%
36	13.122	1720	1723	1731	rVB9	4805	8956	0.26%	0.038%

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37	13.328	1753	1758	1762	rBV7	2460	4228	0.12%	0.018%
38	13.469	1776	1782	1789	rVB9	5122	12638	0.37%	0.054%
39	13.622	1802	1808	1814	rBV7	8304	16513	0.49%	0.070%
40	13.710	1814	1823	1832	rVV	309756	446732	13.17%	1.906%
41	13.851	1841	1847	1852	rBV10	4138	8545	0.25%	0.036%
42	13.998	1862	1872	1885	rBV	306232	500638	14.76%	2.136%
43	14.310	1915	1925	1931	rBV	1117590	1518920	44.79%	6.482%
44	14.369	1931	1935	1943	rVB	29222	46875	1.38%	0.200%
45	14.434	1943	1946	1954	rVB10	4897	9357	0.28%	0.040%
46	14.534	1957	1963	1975	rBV	53429	133452	3.94%	0.569%
47	14.681	1984	1988	1989	rBV3	5216	7766	0.23%	0.033%
48	14.710	1989	1993	2000	rVB	18375	37715	1.11%	0.161%
49	14.939	2028	2032	2037	rBV8	3920	8836	0.26%	0.038%
50	14.992	2038	2041	2045	rVB6	4590	6767	0.20%	0.029%
51	15.104	2056	2060	2065	rBV8	7535	13707	0.40%	0.058%
52	15.322	2090	2097	2102	rBV	494370	685938	20.23%	2.927%
53	15.369	2102	2105	2110	rVB	33691	43463	1.28%	0.185%
54	15.433	2111	2116	2124	rVV	85676	119032	3.51%	0.508%
55	15.533	2129	2133	2136	rVV6	4175	6534	0.19%	0.028%
56	15.581	2136	2141	2148	rVB7	11735	22370	0.66%	0.095%
57	15.692	2153	2160	2165	rBV	207665	276326	8.15%	1.179%
58	15.816	2177	2181	2189	rVB2	11410	23086	0.68%	0.099%
59	16.057	2216	2222	2228	rBV2	12297	26166	0.77%	0.112%
60	16.198	2241	2246	2249	rBV7	8133	13980	0.41%	0.060%
61	16.269	2254	2258	2262	rVB4	12134	17098	0.50%	0.073%
62	16.322	2263	2267	2272	rBV3	13023	19207	0.57%	0.082%
63	16.381	2272	2277	2278	rBV5	7066	11877	0.35%	0.051%
64	16.433	2284	2286	2291	rVB4	7763	10614	0.31%	0.045%
65	16.628	2313	2319	2324	rBV3	44986	73098	2.16%	0.312%
66	16.751	2336	2340	2346	rVB	28982	41224	1.22%	0.176%
67	16.816	2348	2351	2353	rBV3	8456	10305	0.30%	0.044%
68	16.910	2364	2367	2374	rVB2	16689	24170	0.71%	0.103%
69	16.980	2374	2379	2382	rBV3	43908	64697	1.91%	0.276%
70	17.016	2382	2385	2392	rVB	57849	78000	2.30%	0.333%
71	17.104	2393	2400	2403	rBV	1475780	2016569	59.47%	8.605%
72	17.139	2403	2406	2411	rVB	432589	527811	15.56%	2.252%
73	17.198	2411	2416	2421	rBV2	424180	687726	20.28%	2.935%
74	17.286	2426	2431	2438	rVB2	68898	122584	3.61%	0.523%
75	17.486	2463	2465	2466	rBV2	7956	6529	0.19%	0.028%
76	17.516	2467	2470	2473	rVB	25756	29858	0.88%	0.127%

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77	17.563	2473	2478	2481	rBV2	41554	64784	1.91%	0.276%
78	17.733	2499	2507	2513	rBV2	99434	227797	6.72%	0.972%
79	17.833	2521	2524	2532	rVB6	45385	75181	2.22%	0.321%
80	18.004	2546	2553	2556	rBV2	53215	104983	3.10%	0.448%
81	18.045	2556	2560	2569	rVB2	202917	318891	9.40%	1.361%
82	18.204	2582	2587	2591	rBV2	171820	256843	7.57%	1.096%
83	18.239	2591	2593	2594	rVV	36665	32179	0.95%	0.137%
84	18.269	2595	2598	2603	rVB	70985	93773	2.77%	0.400%
85	18.322	2603	2607	2611	rBV3	49891	71073	2.10%	0.303%
86	18.498	2634	2637	2640	rBV2	48990	67459	1.99%	0.288%
87	18.686	2667	2669	2675	rVB3	25138	36546	1.08%	0.156%
88	19.022	2721	2726	2729	rBV5	43670	75343	2.22%	0.322%
89	19.110	2737	2741	2749	rBV5	71244	129530	3.82%	0.553%
90	19.233	2757	2762	2768	rVB	727443	990132	29.20%	4.225%
91	19.380	2783	2787	2794	rBV8	57064	130145	3.84%	0.555%
92	19.586	2817	2822	2824	rBV2	719401	980110	28.90%	4.182%
93	19.610	2824	2826	2831	rVB	501251	562933	16.60%	2.402%
94	20.133	2913	2915	2919	rVB	111100	110752	3.27%	0.473%
95	21.198	3092	3096	3103	rBV6	180631	375402	11.07%	1.602%
96	21.451	3136	3139	3145	rVB	105137	127389	3.76%	0.544%
97	21.533	3145	3153	3158	rVV2	1836001	3391079	100.00%	14.471%
98	21.574	3158	3160	3168	rVB	335001	480108	14.16%	2.049%
99	23.762	3528	3532	3539	rBV	201578	477367	14.08%	2.037%
100	24.798	3699	3708	3719	rVB2	1073460	2952124	87.06%	12.598%

Sum of corrected areas: 23434184

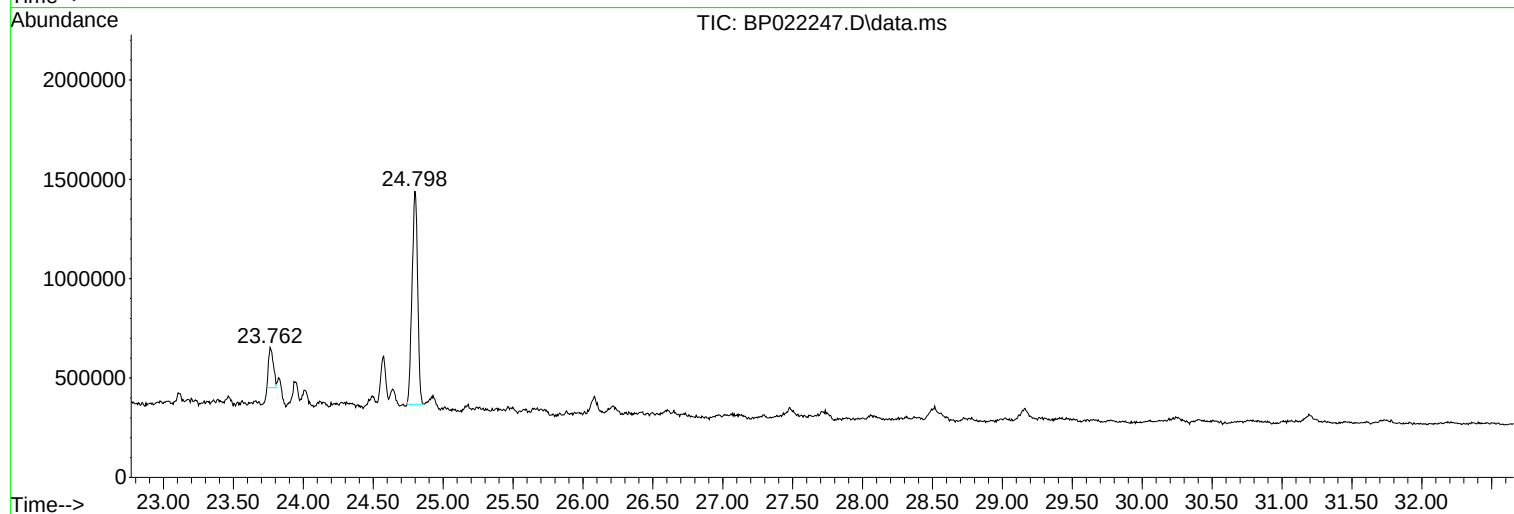
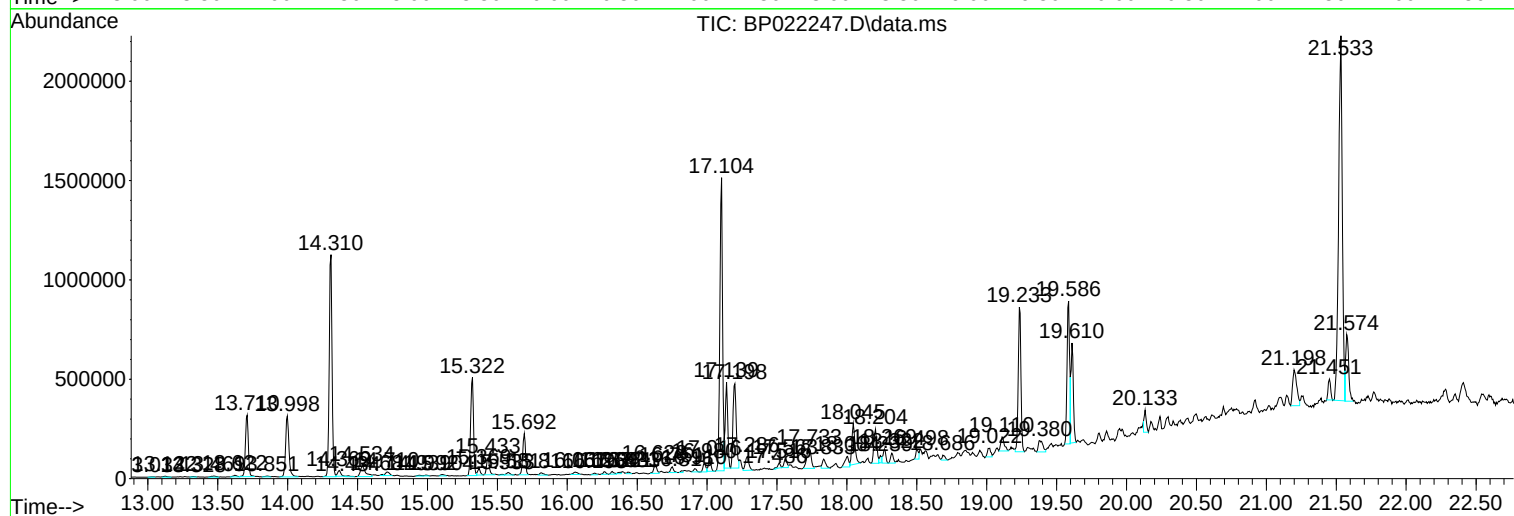
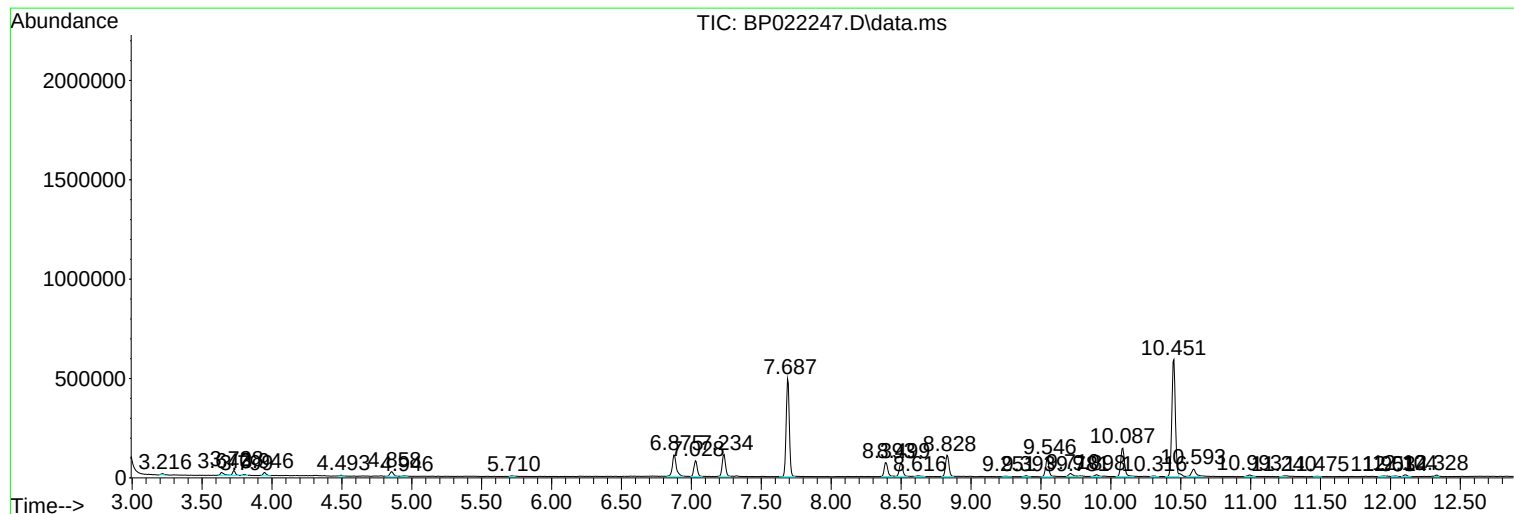
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L

TIC Integration Parameters: LSCINT.P



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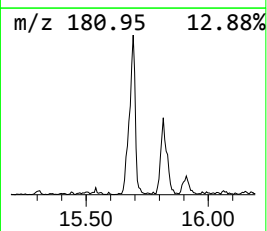
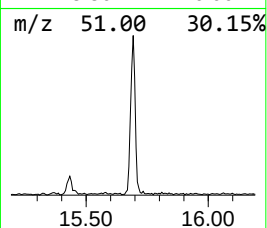
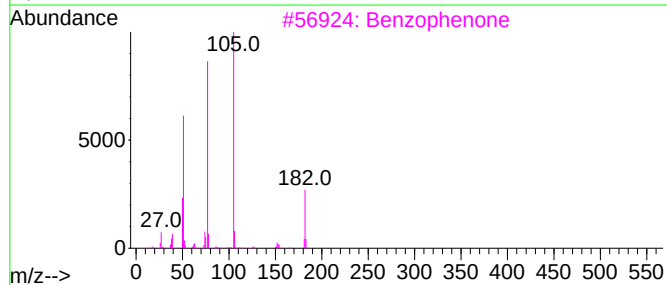
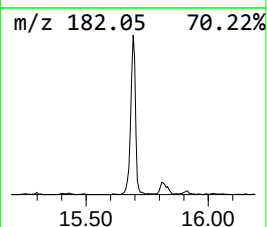
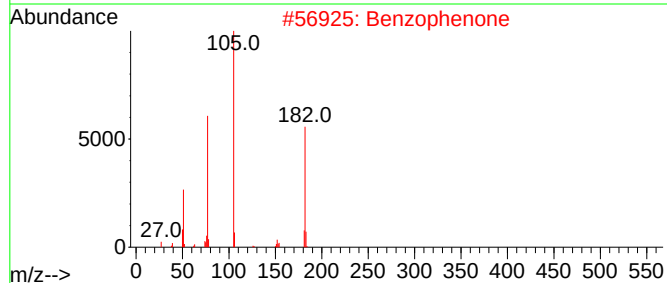
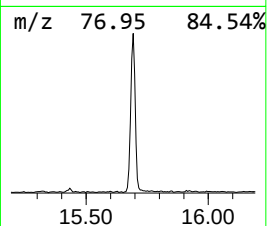
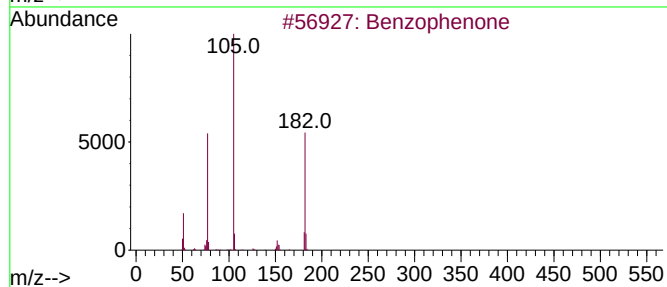
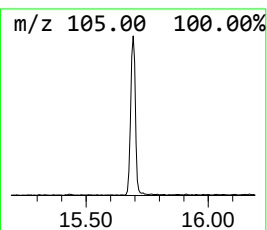
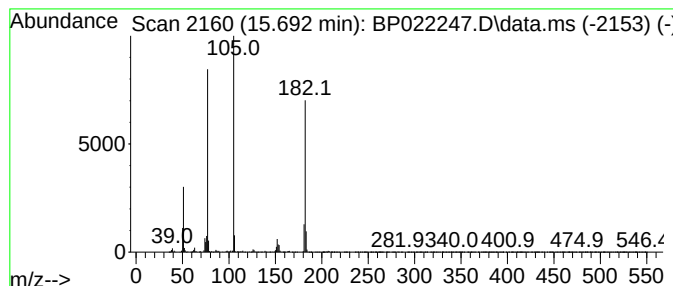
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.692	3.64 ng/ul	276326	Acenaphthene-d10	14.310

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	97
2			Benzophenone	182	C13H10O	000119-61-9	95
3			Benzophenone	182	C13H10O	000119-61-9	93
4			Benzophenone	182	C13H10O	000119-61-9	91
5			Benzophenone	182	C13H10O	000119-61-9	76



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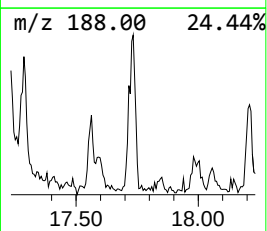
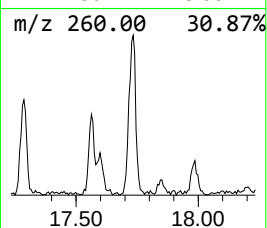
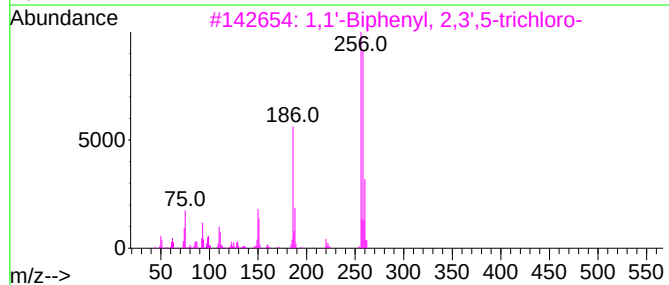
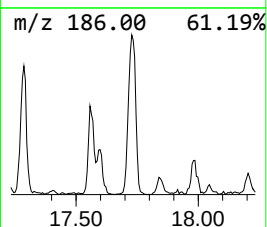
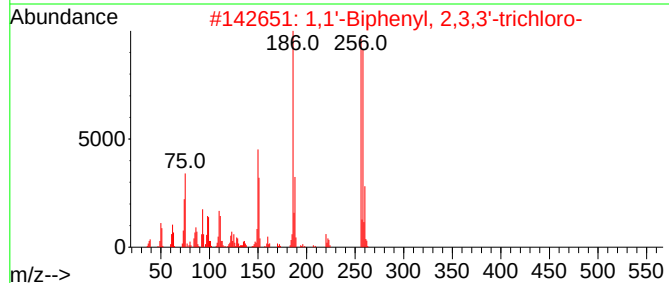
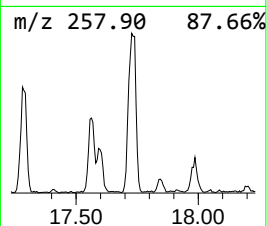
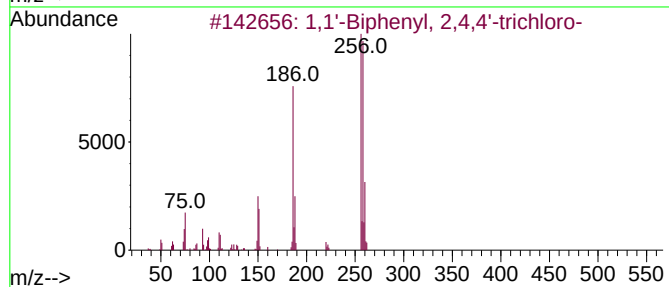
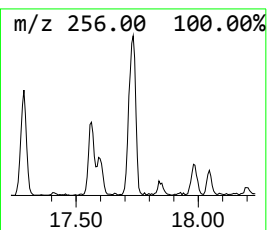
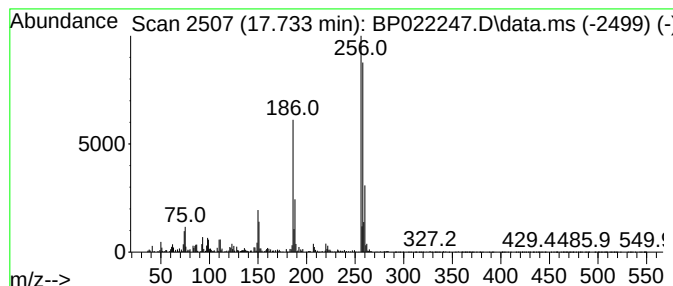
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.733	2.26 ng/ul	227797	Phenanthrene-d10	17.104

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	99		
3	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	98		
4	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	98		
5	1,1'-Biphenyl, 2',3,5-trichloro-	256	C12H7Cl3	037680-68-5	98		



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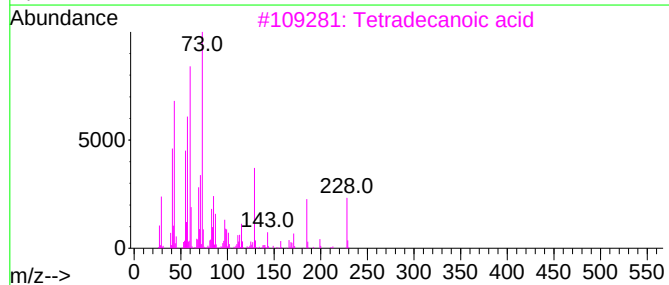
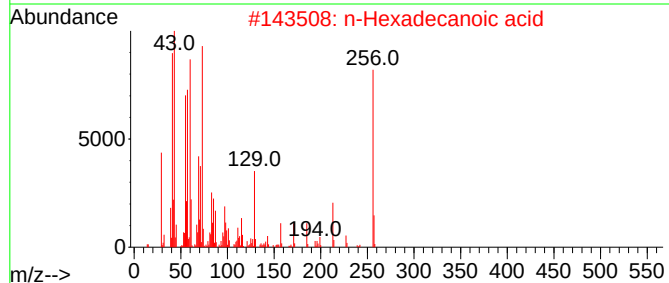
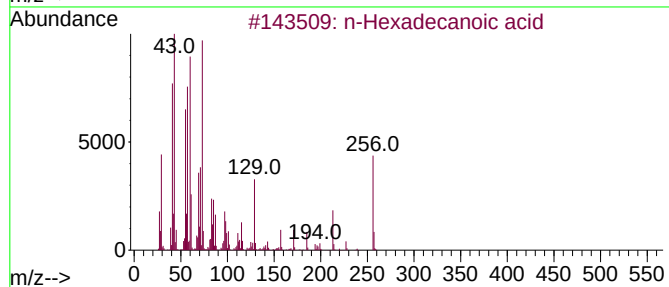
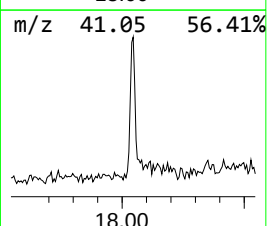
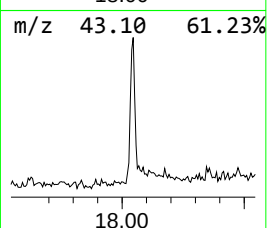
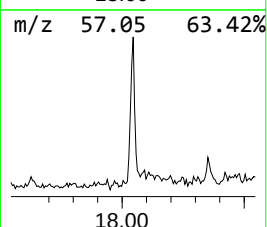
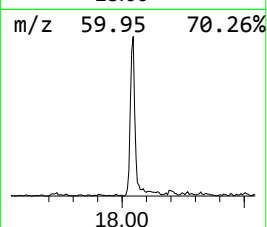
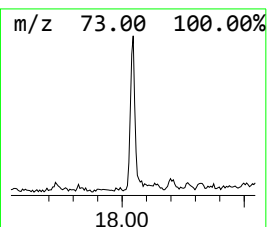
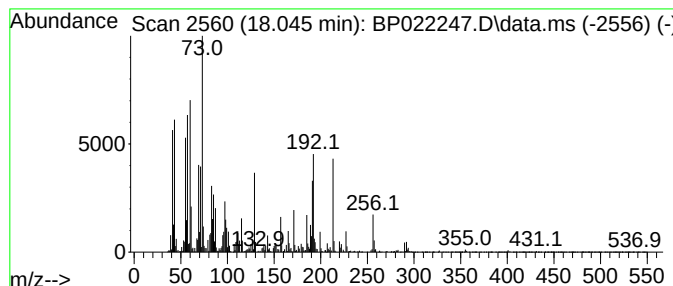
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.045	3.16 ng/ul	318891	Phenanthrene-d10	17.104

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	90
4			Tridecanoic acid	214	C13H26O2	000638-53-9	70
5			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100424\
Data File : BP022247.D
Acq On : 05 Oct 2024 04:01
Operator : RC/JU
Sample : P4083-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4ES2

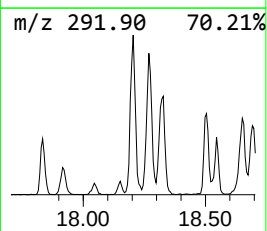
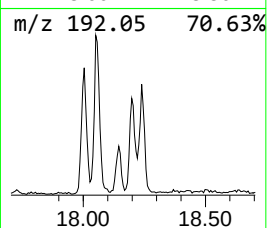
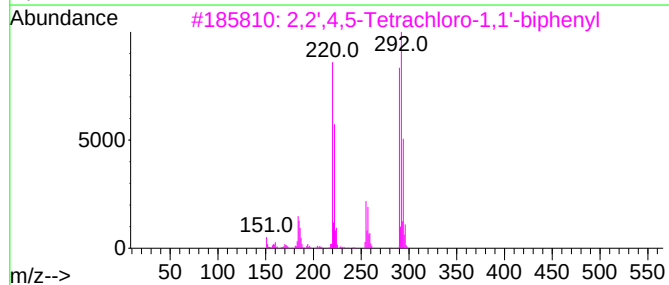
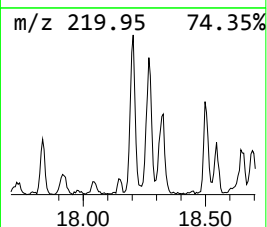
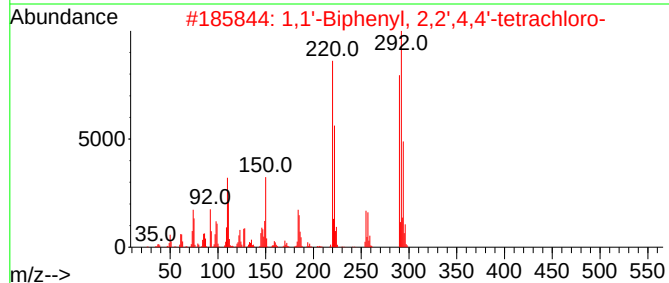
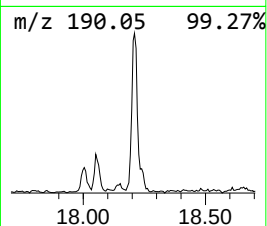
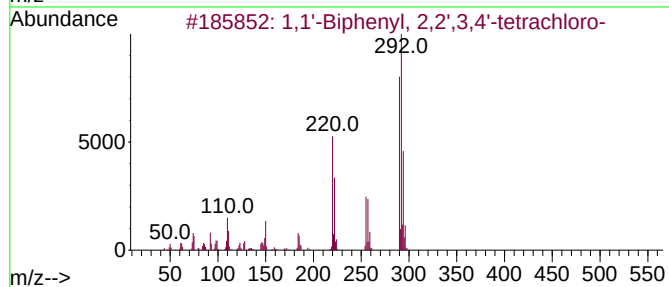
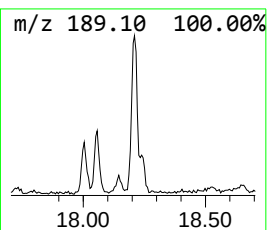
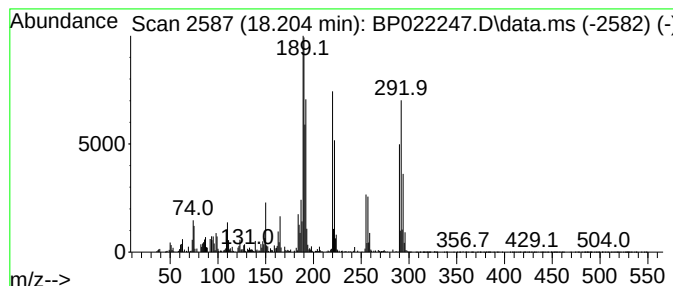
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.204	2.55 ng/ul	256843	Phenanthrene-d10	17.104

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4'-tetrach...	290	C12H6Cl4	036559-22-5	96		
2	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	95		
3	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	93		
4	2,3',4,5'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	073575-52-7	91		
5	1,1'-Biphenyl, 2,2',3,5'-tetrach...	290	C12H6Cl4	041464-39-5	91		



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100424\
Data File : BP022247.D
Acq On : 05 Oct 2024 04:01
Operator : RC/JU
Sample : P4083-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4ES2

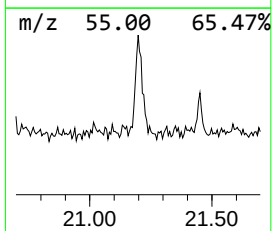
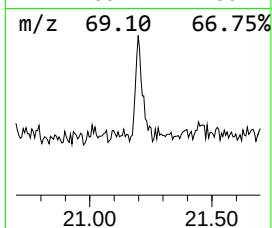
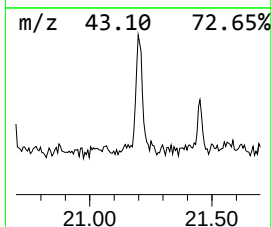
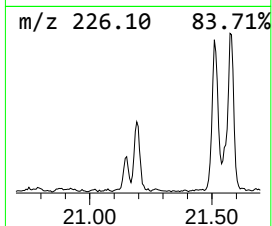
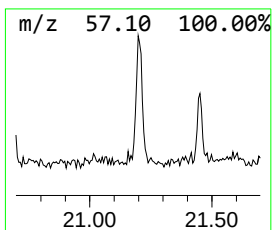
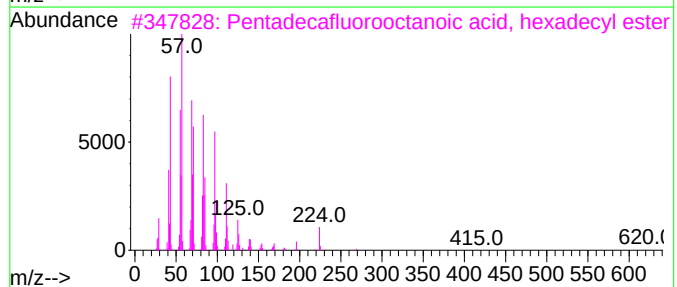
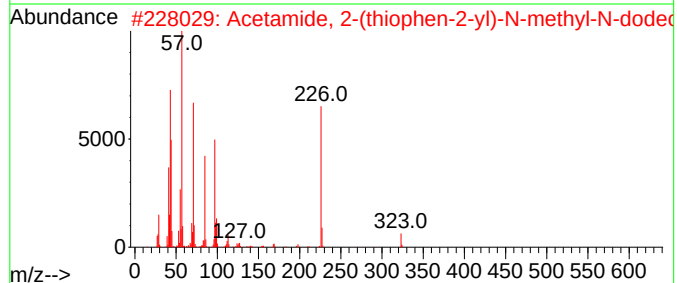
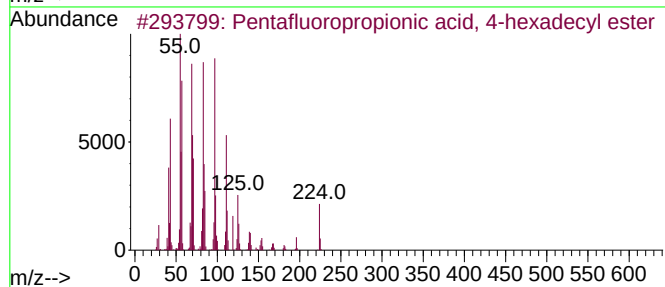
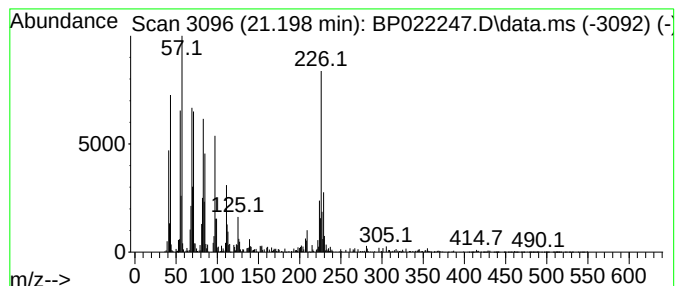
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Pentafluoropropionic acid, ... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.198	2.21 ng/ul	375402	Chrysene-d12	21.533

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentafluoropropionic acid, 4-hex...	388	C19H33F5O2	1000283-04-1	50
2			Acetamide, 2-(thiophen-2-yl)-N-m...	323	C19H33NOS	1000421-20-9	49
3			Pentadecafluorooctanoic acid, he...	638	C24H33F15O2	1000406-04-6	46
4			Cyclohexadecane	224	C16H32	000295-65-8	46
5			Chloroacetic acid, 4-hexadecyl e...	318	C18H35ClO2	1000282-93-2	45



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ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4ES2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.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
Benzophenone	15.692	3.6	ng/ul	276326	3	14.310	1518920	20.0
1,1'-Biphenyl, ...	17.733	2.3	ng/ul	227797	4	17.104	2016570	20.0
n-Hexadecanoic ...	18.045	3.2	ng/ul	318891	4	17.104	2016570	20.0
1,1'-Biphenyl, ...	18.204	2.5	ng/ul	256843	4	17.104	2016570	20.0
Pentafluoroprop...	21.198	2.2	ng/ul	375402	5	21.533	3391080	20.0