LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042623\
Data File : BP014862.D
Acq On : 27 Apr 2023 03:15
Operator : CG/JU
Sample : 02447-20
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : EW938

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-BP042523.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP014862.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.428	3	7	12	rVB	5201138	5555911	100.00%	9.320%
2	3.758	59	63	65	rBV	20095	25323	0.46%	0.042%
3	3.787	65	68	75	rVB	189566	221646	3.99%	0.372%
4	4.287	148	153	159	rVB	40204	56775	1.02%	0.095%
5	5.163	298	302	310	rVB	34470	48542	0.87%	0.081%
6	5.658	380	386	394	rVB	1109200	1537358	27.67%	2.579%
7	5.793	404	409	421	rVB	35094	70960	1.28%	0.119%
8	6.175	466	474	479	rVB	36723	57907	1.04%	0.097%
9	6.428	508	517	524	rBV2	22544	40406	0.73%	0.068%
10	6.663	551	557	563	rBV	337185	487611	8.78%	0.818%
11	6.728	563	568	571	rVV	17258	25792	0.46%	0.043%
12	6.928	596	602	608	rVB	76894	112434	2.02%	0.189%
13	6.999	608	614	621	rBV3	34494	59375	1.07%	0.100%
14	7.087	622	629	635	rVV7	11030	28912	0.52%	0.049%
15	7.163	635	642	650	rVV	157814	267544	4.82%	0.449%
16	7.275	656	661	665	rVV2	86043	128871	2.32%	0.216%
17	7.334	665	671	679	rVB3	51032	108488	1.95%	0.182%
18	7.575	706	712	717	rBV3	27092	45285	0.82%	0.076%
19	7.675	724	729	735	rBV	36962	57752	1.04%	0.097%
20	8.099	797	801	809	rVB	41321	66295	1.19%	0.111%
21	8.199	809	818	828	rBV	1409304	2249810	40.49%	3.774%
22	8.963	942	948	952	rBV	19764	32841	0.59%	0.055%
23	10.846	1261	1268	1273	rVV	34414	60086	1.08%	0.101%
24	11.034	1289	1300	1307	rVV	1957798	3287569	59.17%	5.515%
25	11.081	1307	1308	1317	rVV2	23060	32912	0.59%	0.055%
26	11.181	1317	1325	1332	rVB9	16828	33244	0.60%	0.056%
27	12.428	1531	1537	1542	rBV2	16137	27270	0.49%	0.046%
28	12.675	1573	1579	1585	rVB	23968	40813	0.73%	0.068%
29	12.893	1609	1616	1624	rBV	18093	33016	0.59%	0.055%
30	13.075	1636	1647	1653	rBV	32007	56370	1.01%	0.095%
31	13.363	1690	1696	1705	rVB6	18379	29442	0.53%	0.049%
32	13.651	1738	1745	1753	rBV4	26783	57303	1.03%	0.096%
33	14.157	1826	1831	1835	rVV3	25301	42083	0.76%	0.071%
34	14.210	1835	1840	1844	rVV	22364	31509	0.57%	0.053%
35	14.298	1852	1855	1858	rVV3	19704	26812	0.48%	0.045%
36	14.563	1895	1900	1905	rBV8	14923	27115	0.49%	0.045%

LSC Area Percent Report

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Sample : 02447-20
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW938

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-BP042523.MA.M
Title : SVOA CALIBRATION

37	14.710	1921	1925	1929	rBV	29866	42035	0.76%	0.071%
38	14.834	1934	1946	1954	rBV2	2964709	5083841	91.50%	8.528%
39	15.222	2007	2012	2016	rVB2	32007	50738	0.91%	0.085%
40	15.616	2073	2079	2082	rBV7	19391	35646	0.64%	0.060%
41	15.657	2082	2086	2091	rVB2	35002	48847	0.88%	0.082%
42	15.875	2119	2123	2127	rBV2	28223	38091	0.69%	0.064%
43	16.081	2149	2158	2165	rBV2	143722	234963	4.23%	0.394%
44	16.163	2169	2172	2178	rVB5	19246	30509	0.55%	0.051%
45	16.369	2203	2207	2212	rBV3	46372	63543	1.14%	0.107%
46	16.522	2229	2233	2235	rBV3	72354	104289	1.88%	0.175%
47	16.545	2235	2237	2239	rVV	99499	122225	2.20%	0.205%
48	16.575	2239	2242	2251	rVB2	317508	519479	9.35%	0.871%
49	16.686	2257	2261	2269	rVB2	53497	88805	1.60%	0.149%
50	16.763	2269	2274	2277	rBV	284045	401046	7.22%	0.673%
51	16.804	2277	2281	2286	rVB	243855	320366	5.77%	0.537%
52	16.875	2288	2293	2297	rVB	111574	161685	2.91%	0.271%
53	17.104	2328	2332	2337	rBV3	82723	126807	2.28%	0.213%
54	17.175	2339	2344	2350	rVB	974831	1238028	22.28%	2.077%
55	17.316	2366	2368	2372	rVB	37560	40709	0.73%	0.068%
56	17.380	2374	2379	2386	rVB3	80429	164049	2.95%	0.275%
57	17.451	2387	2391	2395	rVV	378758	509029	9.16%	0.854%
58	17.486	2395	2397	2403	rVB	163672	209677	3.77%	0.352%
59	17.580	2405	2413	2418	rBV	2630202	3992654	71.86%	6.698%
60	17.622	2418	2420	2428	rVB	327869	396968	7.14%	0.666%
61	17.751	2437	2442	2448	rBV	402909	567360	10.21%	0.952%
62	18.022	2484	2488	2490	rBV	101684	133432	2.40%	0.224%
63	18.051	2490	2493	2497	rVB	119069	137629	2.48%	0.231%
64	18.169	2506	2513	2518	rVB	1156247	2255806	40.60%	3.784%
65	18.286	2528	2533	2538	rBV2	315471	479954	8.64%	0.805%
66	18.404	2549	2553	2560	rBV2	323212	518027	9.32%	0.869%
67	18.463	2560	2563	2570	rVB2	128302	246658	4.44%	0.414%
68	18.563	2578	2580	2584	rBV4	43388	51224	0.92%	0.086%
69	18.616	2584	2589	2593	rVV	724773	926987	16.68%	1.555%
70	18.669	2594	2598	2602	rVV2	388755	524068	9.43%	0.879%
71	18.716	2602	2606	2610	rVB	283812	345286	6.21%	0.579%
72	18.886	2631	2635	2640	rBV2	509344	716739	12.90%	1.202%
73	18.933	2640	2643	2647	rVV	149817	191742	3.45%	0.322%
74	18.980	2648	2651	2655	rVV	219438	280559	5.05%	0.471%
75	19.022	2655	2658	2660	rVV	136101	158947	2.86%	0.267%
76	19.057	2660	2664	2670	rVB	330217	395103	7.11%	0.663%

LSC Area Percent Report

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Operator : CG/JU
Sample : 02447-20
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : EW938

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
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Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042523.MA.M
Title : SVOA CALIBRATION

77	19.151	2677	2680	2685	rVB2	125789	155111	2.79%	0.260%
78	19.351	2710	2714	2718	rVB	204315	229709	4.13%	0.385%
79	19.398	2718	2722	2725	rBV	474205	637256	11.47%	1.069%
80	19.433	2725	2728	2733	rVB2	512635	693324	12.48%	1.163%
81	19.569	2746	2751	2755	rBV	604450	780047	14.04%	1.309%
82	19.645	2760	2764	2769	rVV2	204051	404210	7.28%	0.678%
83	19.698	2769	2773	2777	rVV	437979	541305	9.74%	0.908%
84	19.757	2780	2783	2786	rVV	136399	164256	2.96%	0.276%
85	19.792	2786	2789	2797	rVB	574979	672994	12.11%	1.129%
86	19.916	2807	2810	2813	rBV	173471	207885	3.74%	0.349%
87	20.027	2826	2829	2832	rBV2	139332	146855	2.64%	0.246%
88	20.127	2843	2846	2850	rVB	359321	405162	7.29%	0.680%
89	20.386	2887	2890	2894	rVB4	197547	252502	4.54%	0.424%
90	20.427	2894	2897	2904	rBV	268999	325861	5.87%	0.547%
91	20.810	2958	2962	2969	rBV	1088877	1219166	21.94%	2.045%
92	21.651	3099	3105	3109	rBV	1832092	2663966	47.95%	4.469%
93	21.727	3114	3118	3123	rVB	632133	780721	14.05%	1.310%
94	21.786	3125	3128	3132	rVV	827600	1093298	19.68%	1.834%
95	21.827	3132	3135	3140	rVV	1796872	2301328	41.42%	3.861%
96	21.886	3140	3145	3149	rVV	2592535	3322475	59.80%	5.574%
97	21.933	3149	3153	3156	rVV	920739	1289811	23.22%	2.164%
98	21.963	3156	3158	3164	rVB	848544	1069124	19.24%	1.794%
99	22.457	3239	3242	3248	rVB	295188	410235	7.38%	0.688%
100	24.251	3541	3547	3555	rVB2	1278968	2818760	50.73%	4.729%

Sum of corrected areas: 59610293

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Sample : 02447-20
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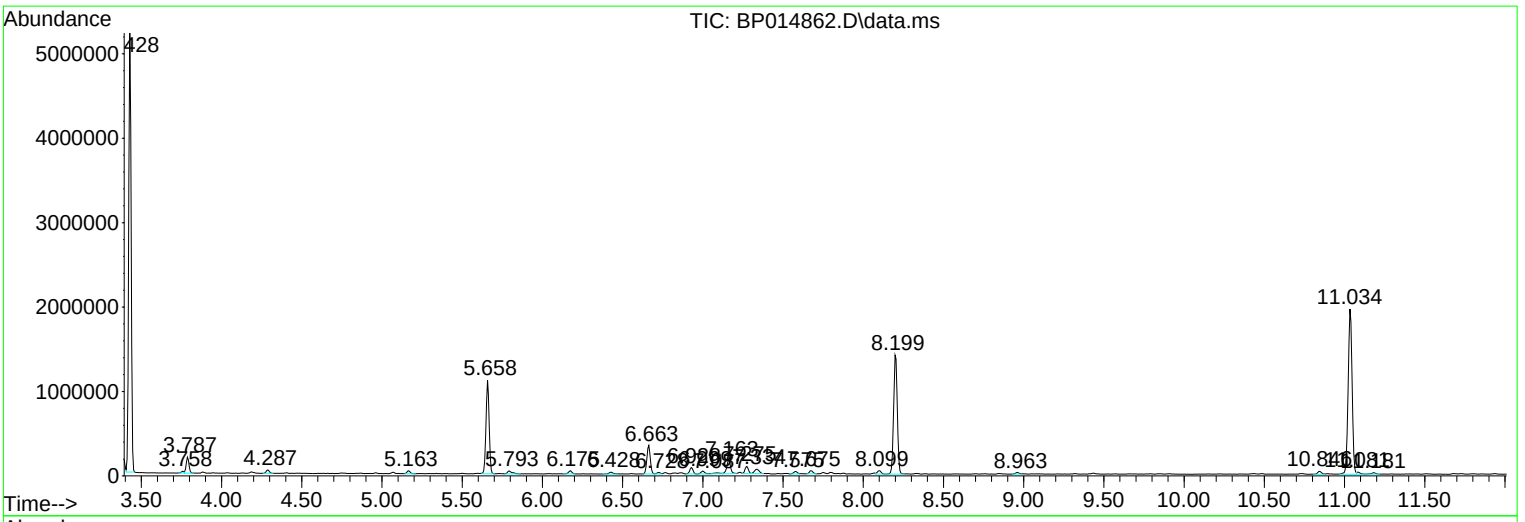
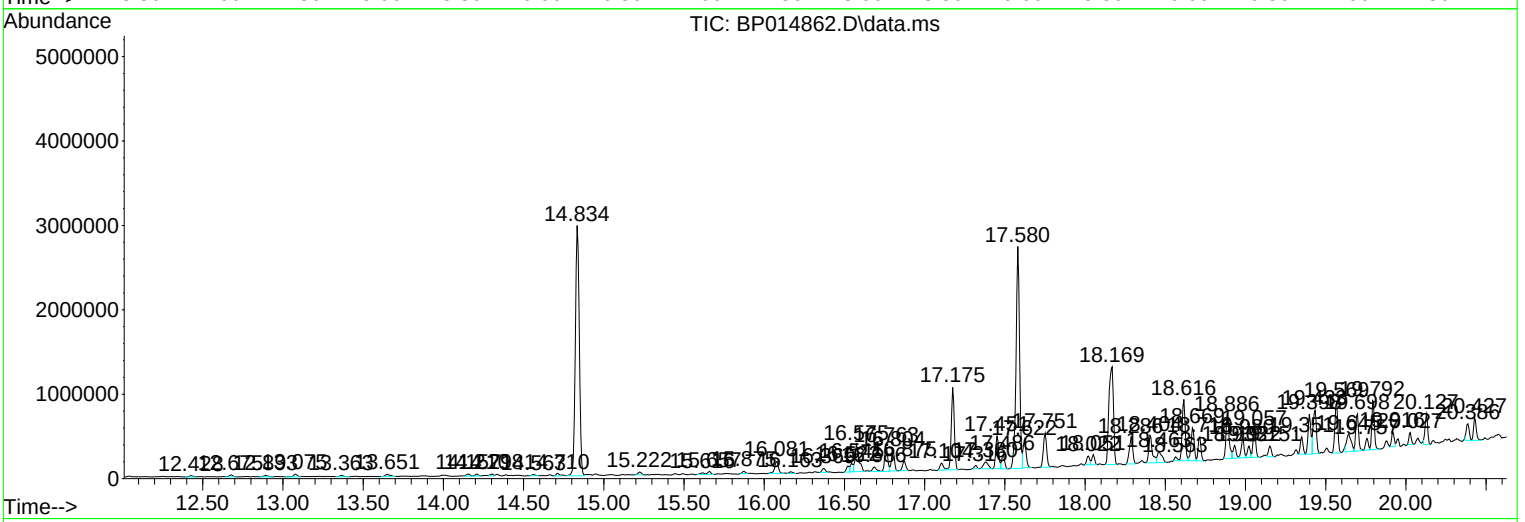
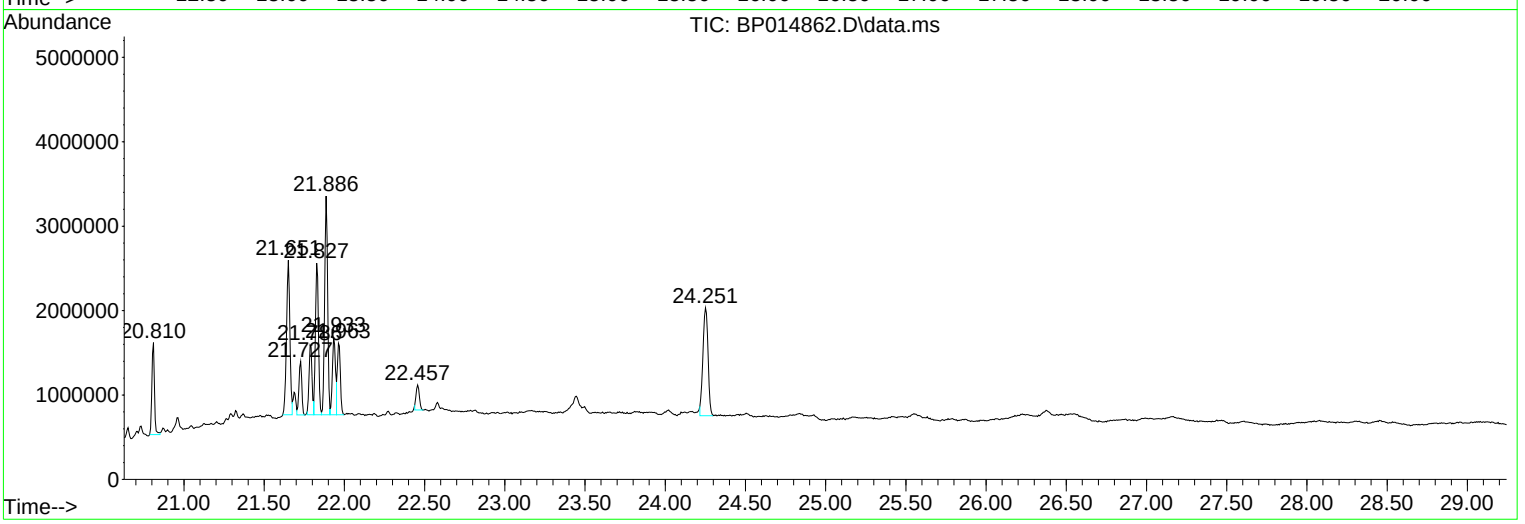
Instrument :
BNA_P
ClientSampleId :
EW938

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042523.MA.M
Quant Title : SVOA CALIBRATION

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







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Data File : BP014862.D
Acq On : 27 Apr 2023 03:15
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ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW938

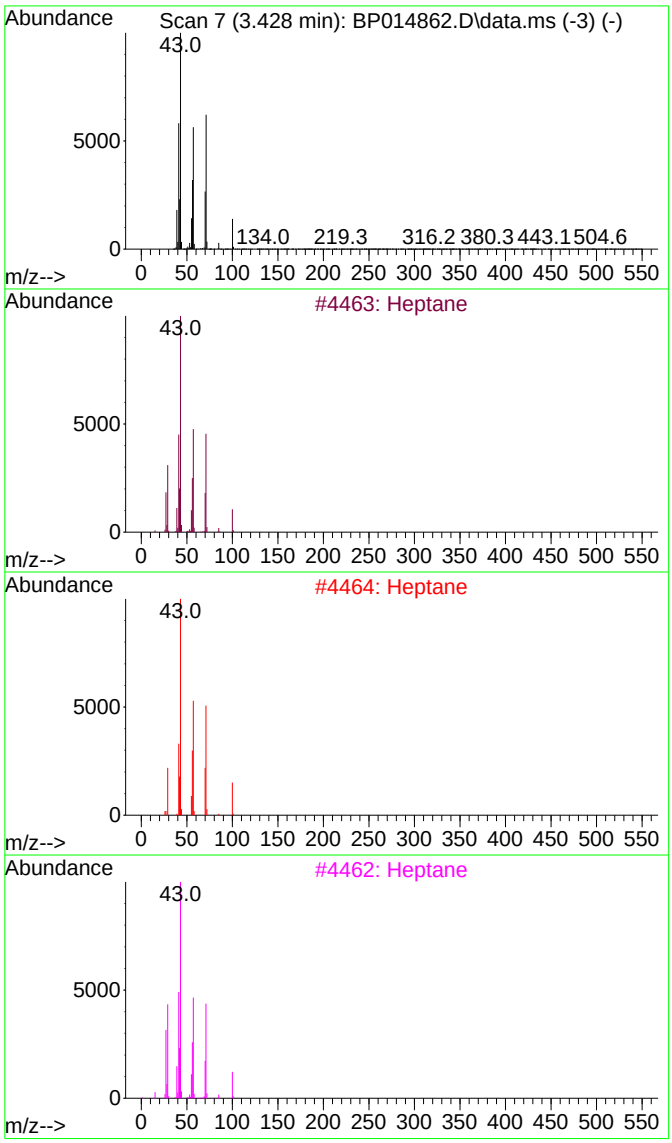
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042523.MA.M
Quant Title : SVOA CALIBRATION

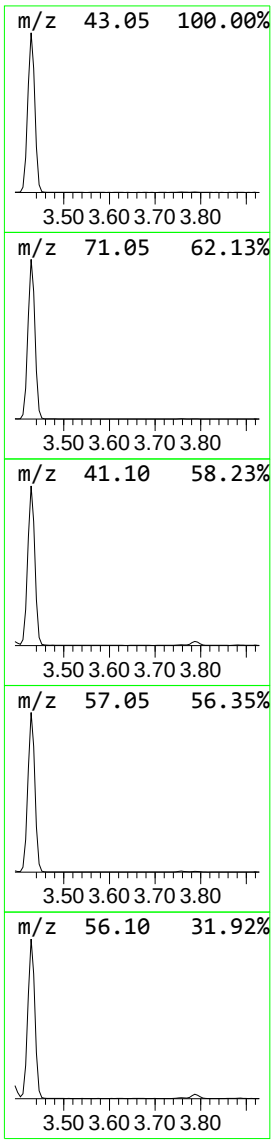
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.428	49.39 ng/ul	5555910	1,4-Dichlorobenzene-d4	8.204

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	94
2	Heptane	100	C7H16	000142-82-5	91
3	Heptane	100	C7H16	000142-82-5	90
4	Heptane	100	C7H16	000142-82-5	86
5	Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	59





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Sample : 02447-20
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ALS Vial : 33 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EW938

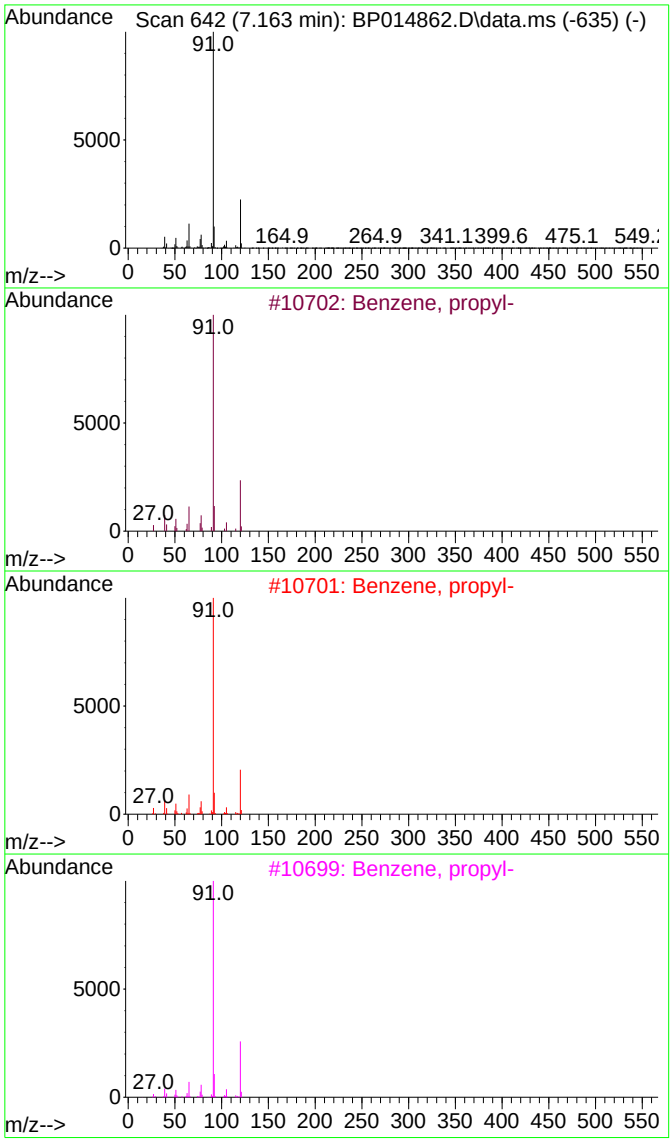
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042523.MA.M
Quant Title : SVOA CALIBRATION

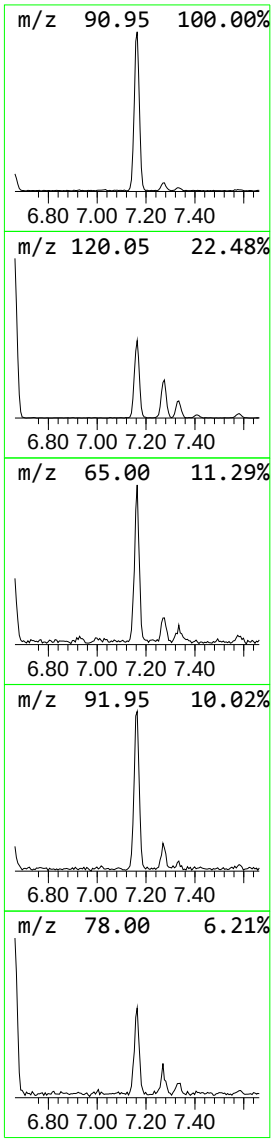
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, propyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.163	2.38 ng/ul	267544	1,4-Dichlorobenzene-d4	8.204

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	91
2	Benzene, propyl-	120	C9H12	000103-65-1	91
3	Benzene, propyl-	120	C9H12	000103-65-1	91
4	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	72
5	Propanenitrile, 3-[(phenylmethyl...	160	C10H12N2	000706-03-6	72





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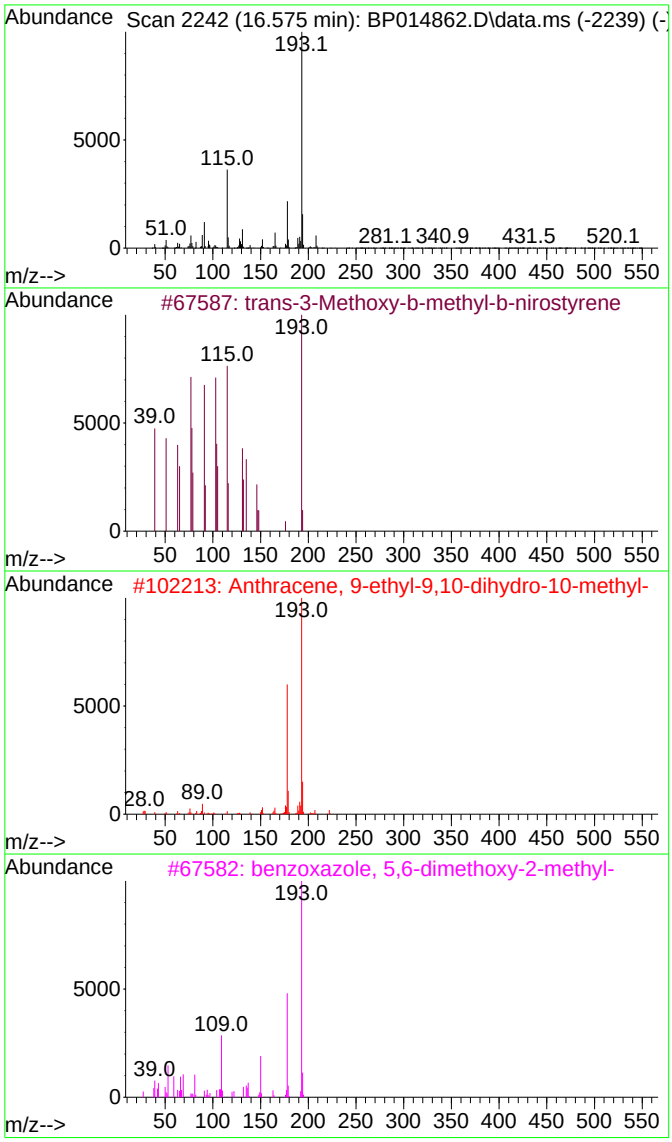
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042523.MA.M
Quant Title : SVOA CALIBRATION

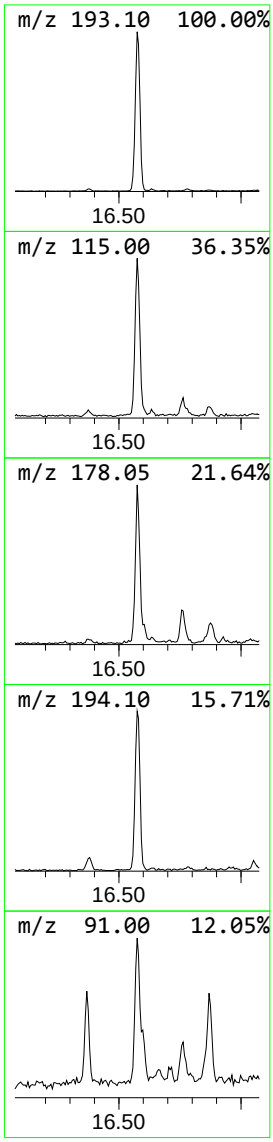
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 trans-3-Methoxy-b-methyl-b-... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.575	2.60 ng/ul	519479	Phenanthrene-d10	17.581

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-3-Methoxy-b-methyl-b-niros...	193	C10H11NO3	018738-95-9	70
2	Anthracene, 9-ethyl-9,10-dihydro...	222	C17H18	036778-20-8	64
3	benzoxazole, 5,6-dimethoxy-2-met...	193	C10H11NO3	1000395-98-9	64
4	Desoxy-minoxidyl	193	C9H15N5	024867-26-3	49
5	9-Phenanthrenamine	193	C14H11N	000947-73-9	49





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Operator : CG/JU
Sample : 02447-20
Misc :
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Instrument :
BNA_P
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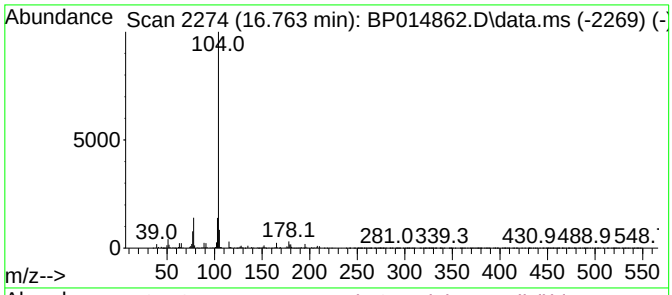
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042523.MA.M
Quant Title : SVOA CALIBRATION

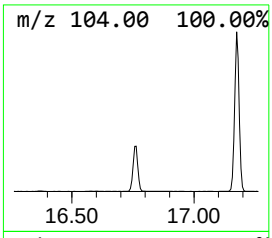
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

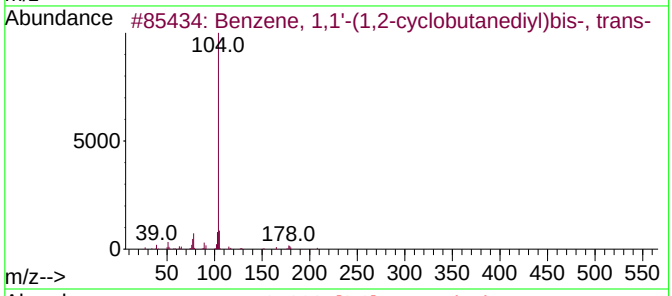
****
Peak Number 6 Benzene, 1,1'-(1,2-cyclobut... Concentration Rank 29

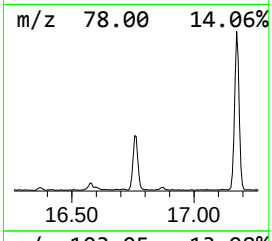
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.763	2.01 ng/ul	401046	Phenanthrene-d10	17.581

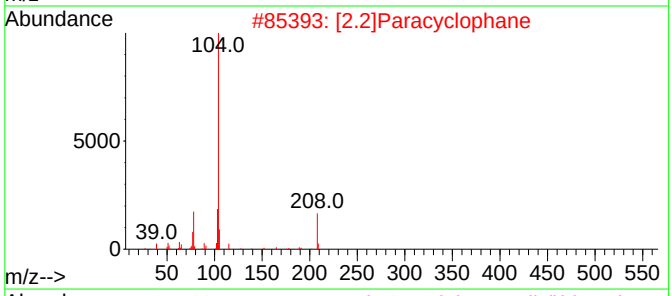
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-(1,2-cyclobutanedi...	208	C16H16	020071-09-4	90
2	[2.2]Paracyclophane	208	C16H16	001633-22-3	87
3	Benzene, 1,1'-(1,2-cyclobutanedi...	208	C16H16	007694-30-6	86
4	[2.2]Paracyclophane	208	C16H16	001633-22-3	83
5	Cyclobutane, 1,2-diphenyl-	208	C16H16	003018-21-1	78

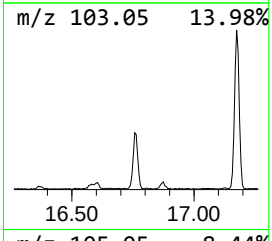


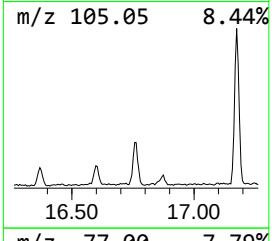


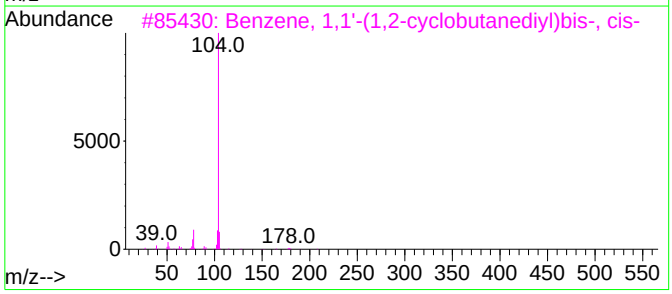


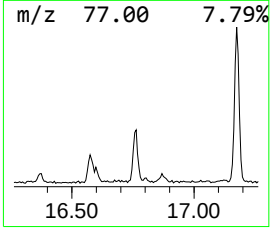












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Acq On : 27 Apr 2023 03:15
Operator : CG/JU
Sample : 02447-20
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW938

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042523.MA.M
Quant Title : SVOA CALIBRATION

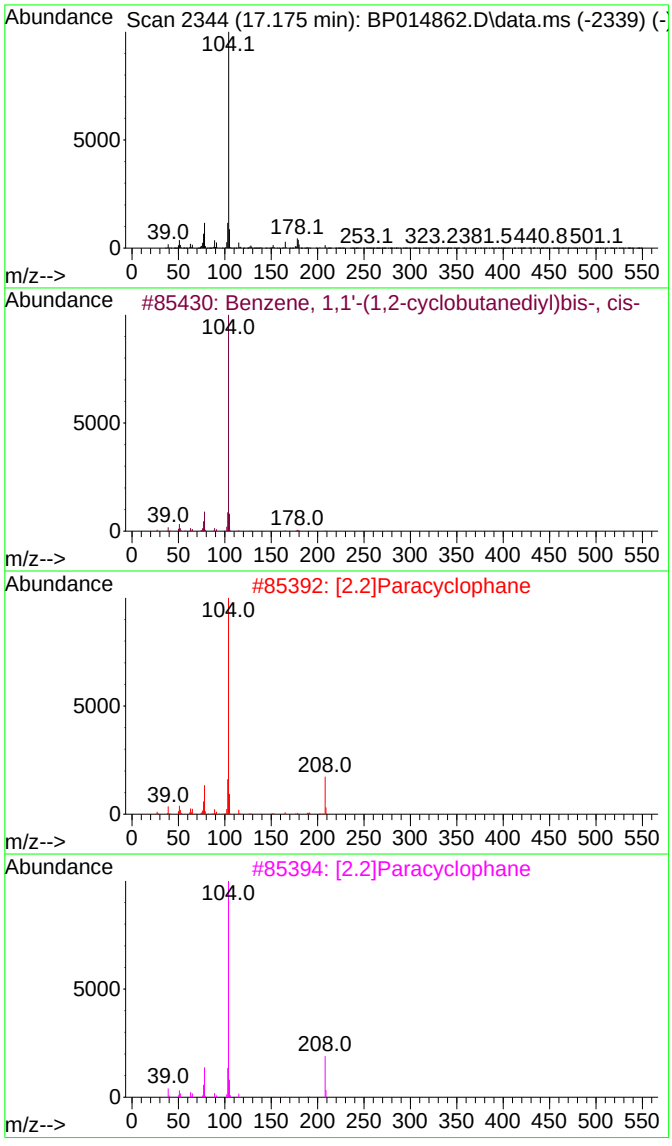
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

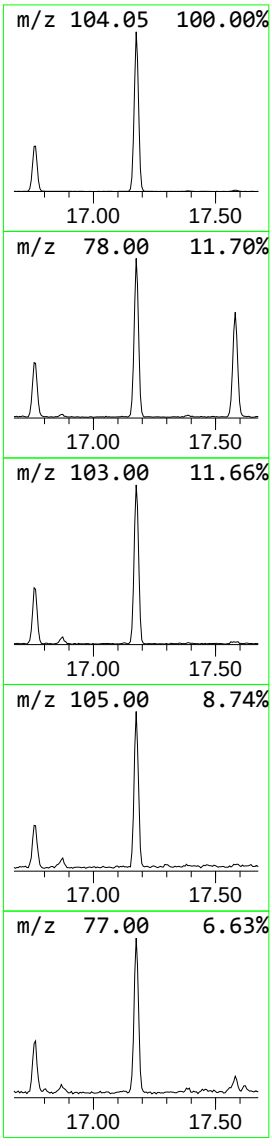
****

Peak Number 7 [2.2]Paracyclophane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.175	6.20 ng/ul	1238030	Phenanthrene-d10	17.581

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-(1,2-cyclobutanedi...	208	C16H16	007694-30-6	87
2	[2.2]Paracyclophane	208	C16H16	001633-22-3	74
3	[2.2]Paracyclophane	208	C16H16	001633-22-3	64
4	Phensuximide	189	C11H11NO2	000086-34-0	64
5	5,5-Dimethyl-4-phenyldihydrofura...	190	C12H14O2	013133-96-5	64





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Operator : CG/JU
Sample : 02447-20
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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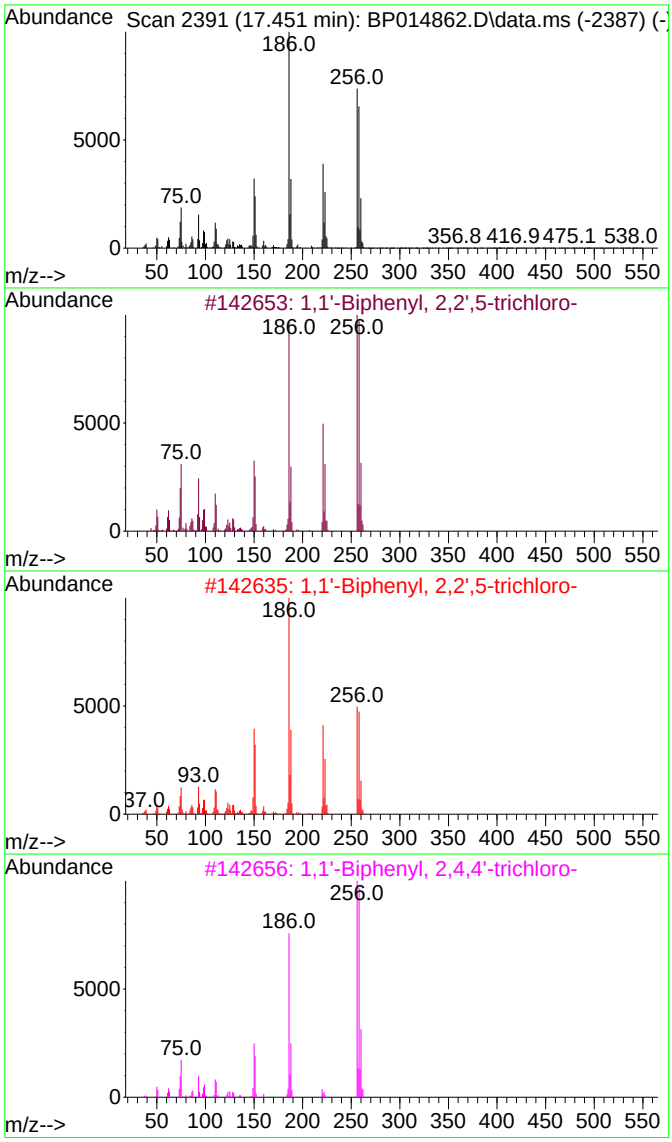
Quant Title : SVOA CALIBRATION

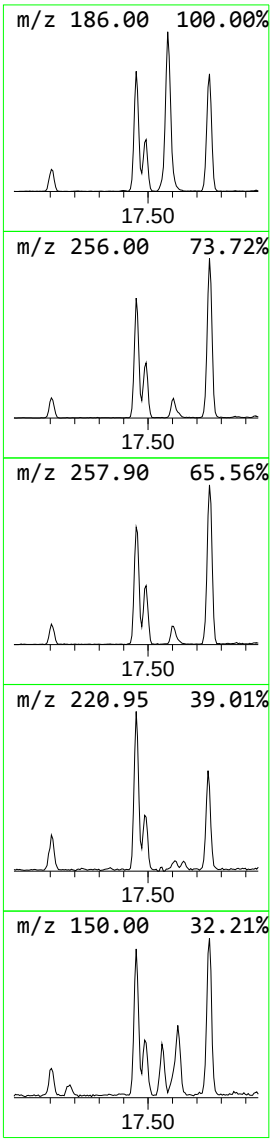
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 1,1'-Biphenyl, 2,2',5-trich... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.451	2.55 ng/ul	509029	Phenanthrene-d10	17.581

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	99
2	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	99
3	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99
4	1,1'-Biphenyl, 2,2',6-trichloro-	256	C12H7Cl3	038444-73-4	99
5	2,2',3-Trichloro-1,1'-biphenyl	256	C12H7Cl3	038444-78-9	99





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Operator : CG/JU
Sample : 02447-20
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW938

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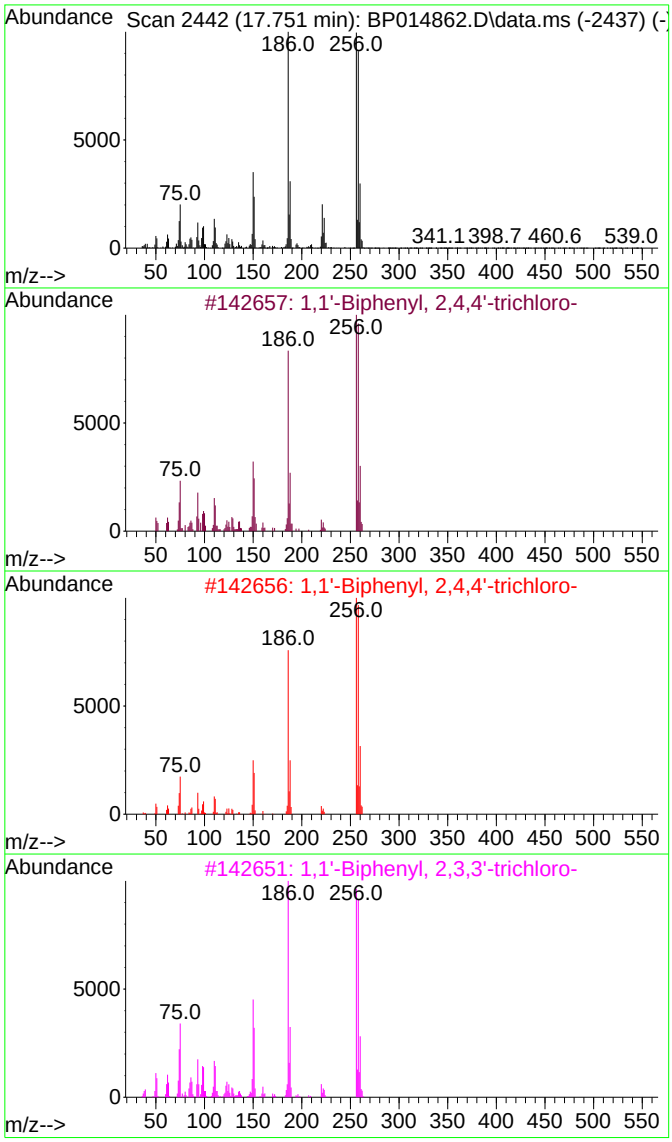
Quant Title : SVOA CALIBRATION

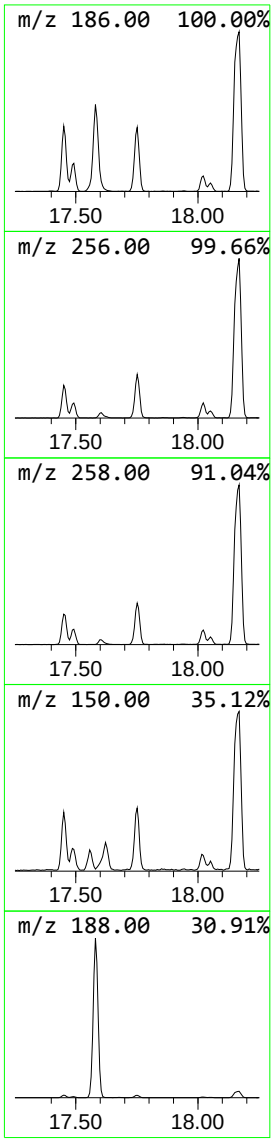
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 1,1'-Biphenyl, 2,4,4'-trich... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.751	2.84 ng/ul	567360	Phenanthrene-d10	17.581

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, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99
3	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	99
4	1,1'-Biphenyl, 2,3,4'-Trichloro-	256	C12H7Cl3	038444-85-8	98
5	1,1'-Biphenyl, 2,4,5-trichloro-	256	C12H7Cl3	015862-07-4	98





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Sample : 02447-20
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ALS Vial : 33 Sample Multiplier: 1

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BNA_P
ClientSampleId :
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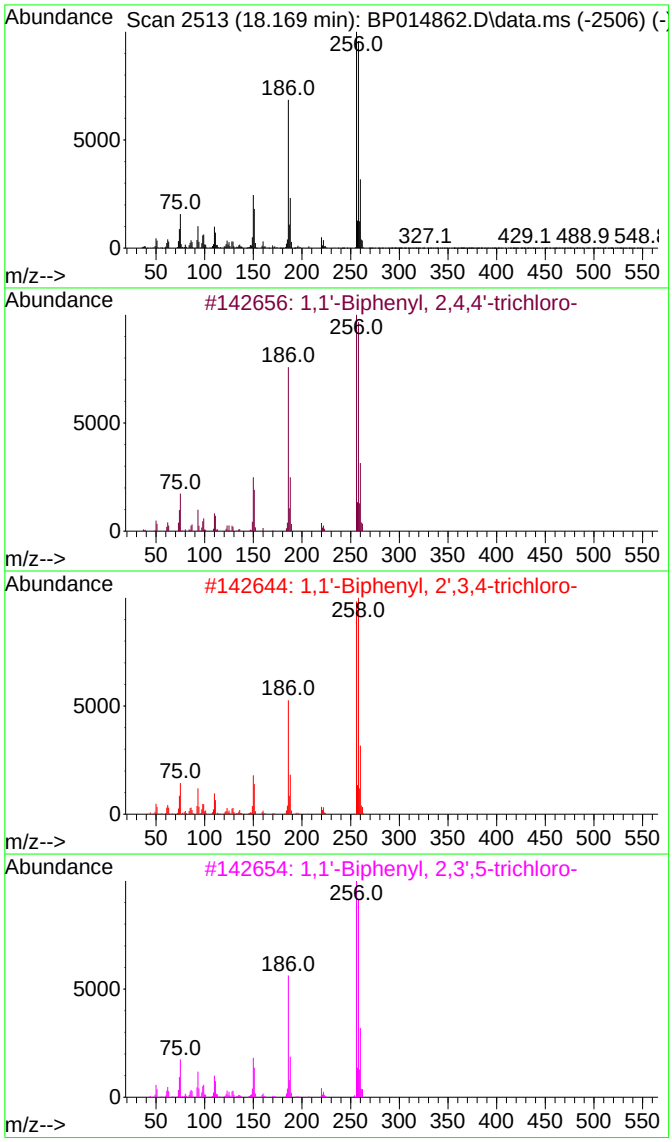
Quant Title : SVOA CALIBRATION

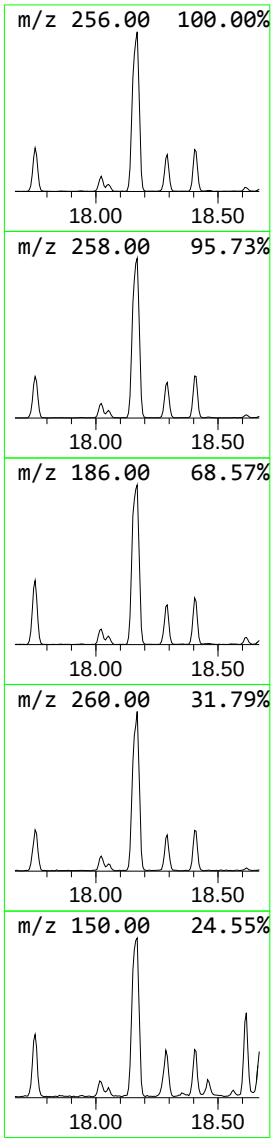
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 1,1'-Biphenyl, 2',3,4-trich... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.169	11.30 ng/ul	2255810	Phenanthrene-d10	17.581

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, 3,3',5-trichloro-	256	C12H7Cl3	038444-87-0	99
5	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99





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Operator : CG/JU
Sample : 02447-20
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ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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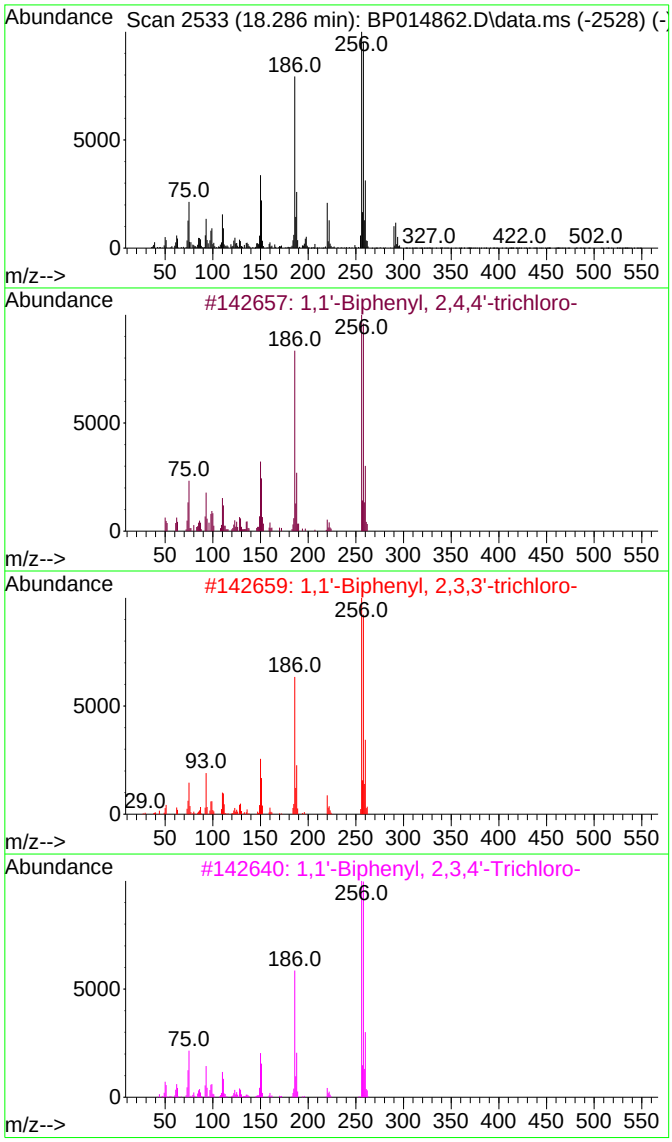
Quant Title : SVOA CALIBRATION

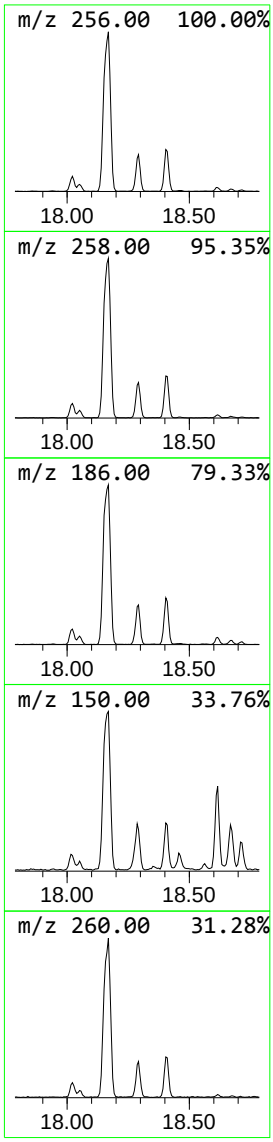
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 1,1'-Biphenyl, 2,3,3'-trich... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.286	2.40 ng/ul	479954	Phenanthrene-d10	17.581

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, 2,3,4'-Trichloro-	256	C12H7Cl3	038444-85-8	99
4	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	99
5	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	99





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Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EW938

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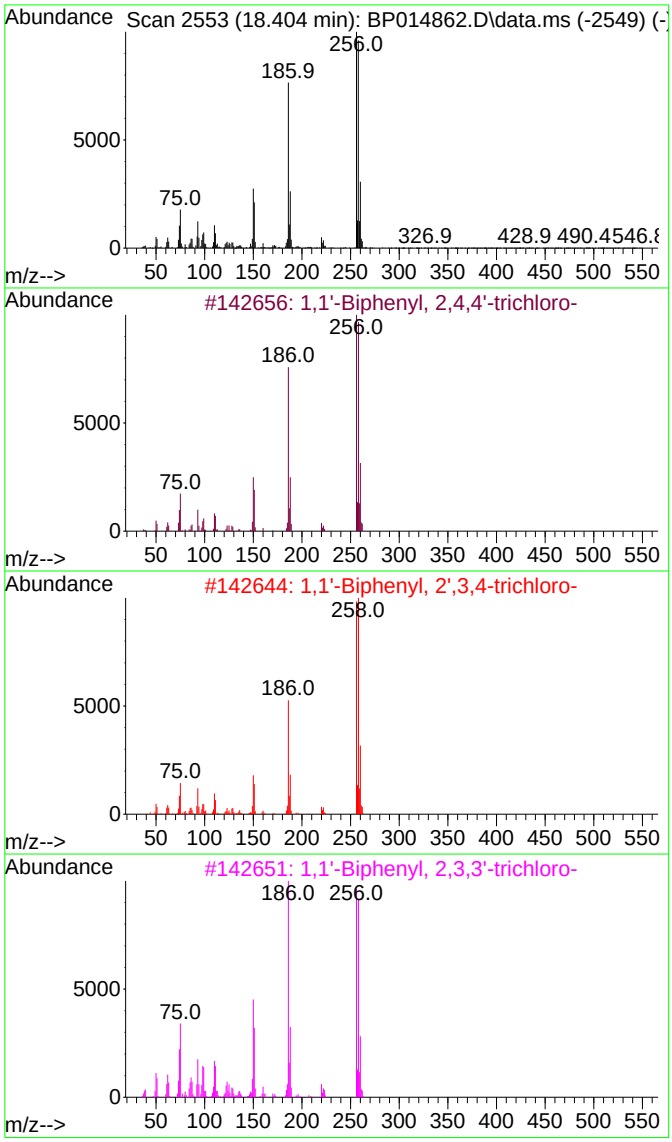
Quant Title : SVOA CALIBRATION

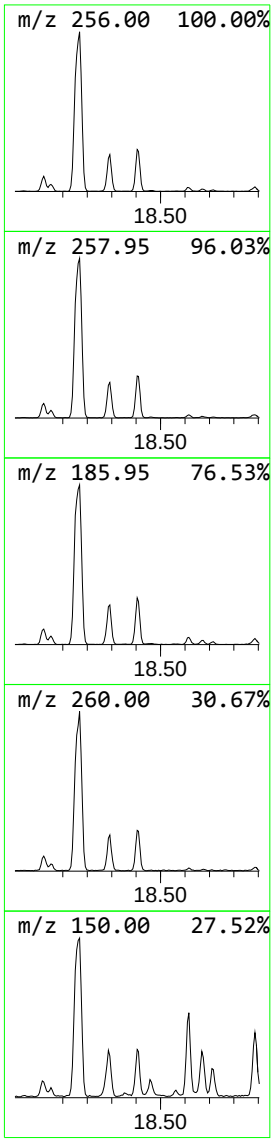
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 1,1'-Biphenyl, 2,3',5-trich... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.404	2.59 ng/ul	518027	Phenanthrene-d10	17.581

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, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	99
4	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	99
5	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	99





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Acq On : 27 Apr 2023 03:15
Operator : CG/JU
Sample : 02447-20
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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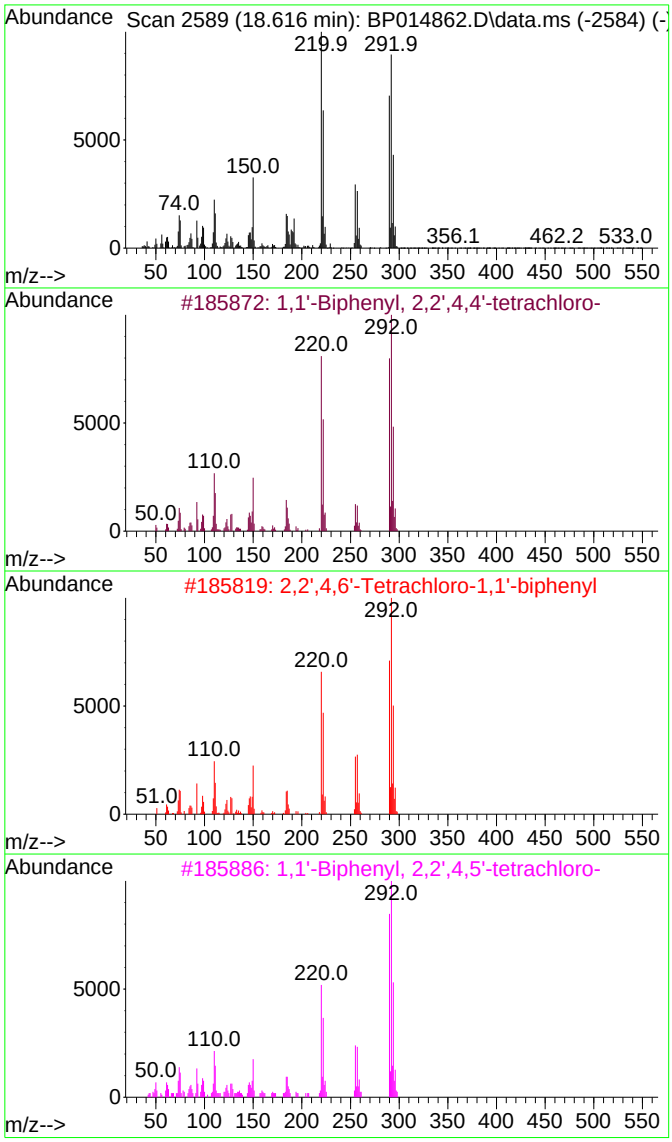
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042523.MA.M
Quant Title : SVOA CALIBRATION

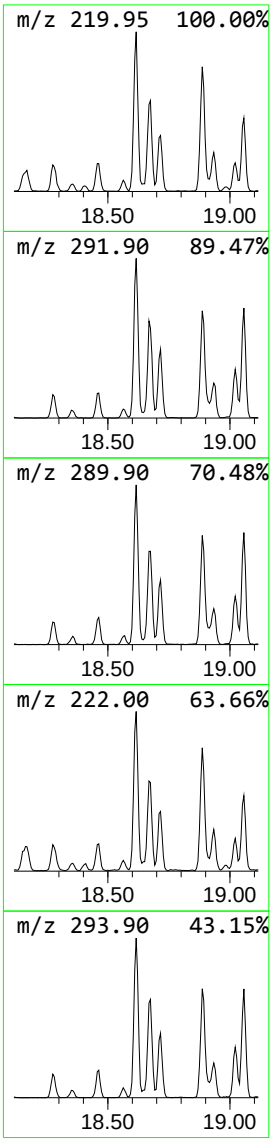
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 1,1'-Biphenyl, 2,2',4,4'-te... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.616	4.64 ng/ul	926987	Phenanthrene-d10	17.581

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
2	2,2',4,6'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	068194-04-7	99
3	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	99
4	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
5	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99





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Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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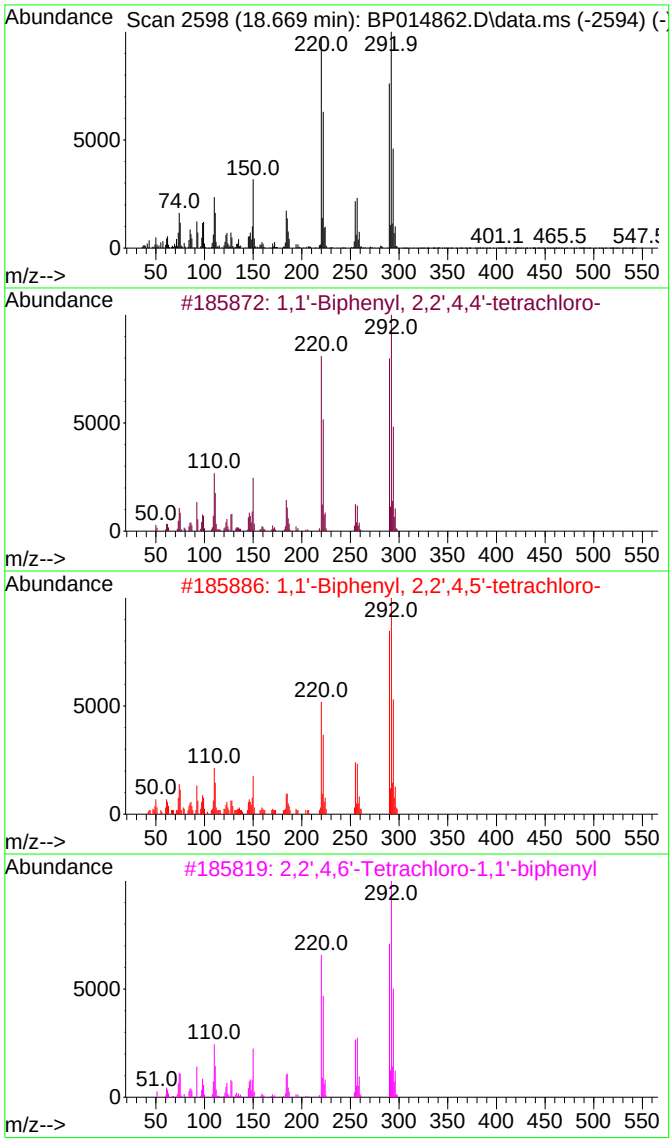
Quant Title : SVOA CALIBRATION

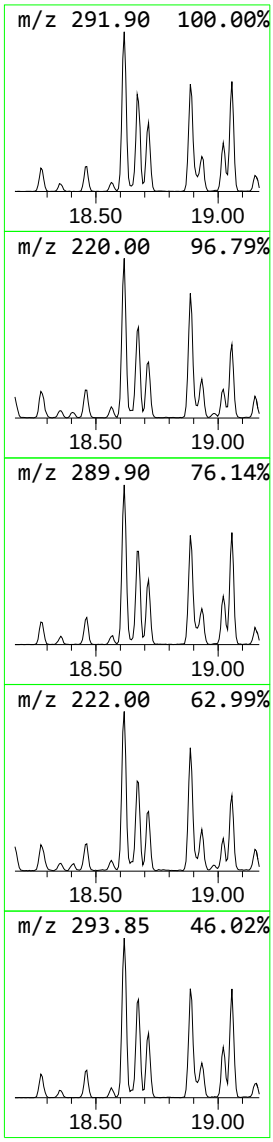
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 1,1'-Biphenyl, 2,2',4,5'-te... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.669	2.63 ng/ul	524068	Phenanthrene-d10	17.581

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
2	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	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





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ALS Vial : 33 Sample Multiplier: 1

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ClientSampleId :
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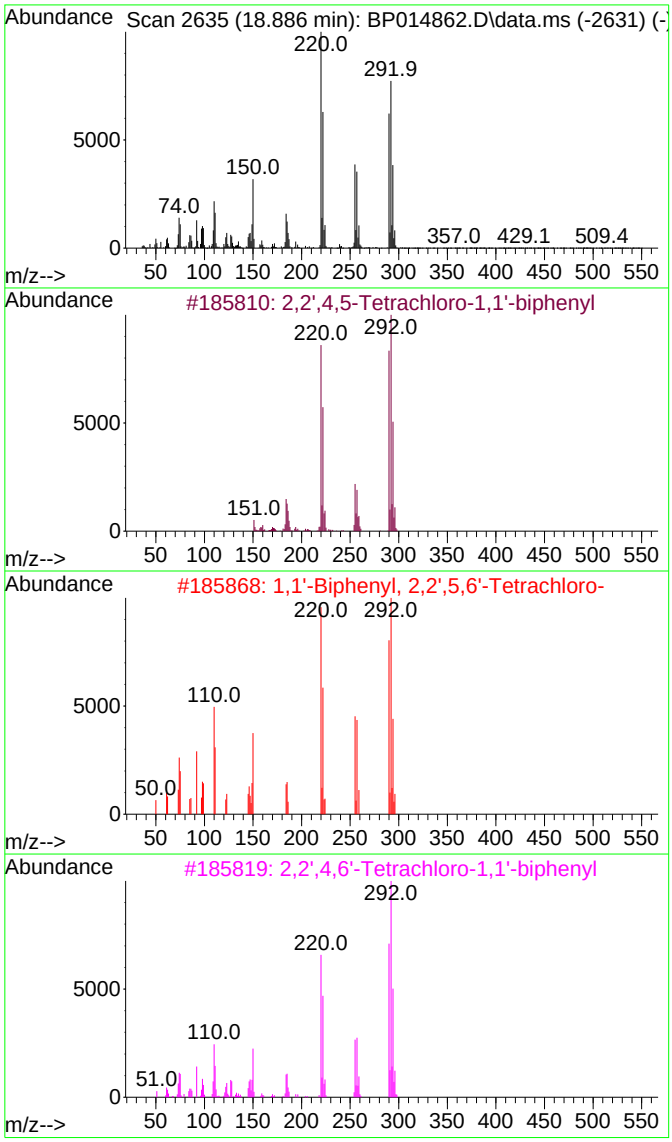
Quant Title : SVOA CALIBRATION

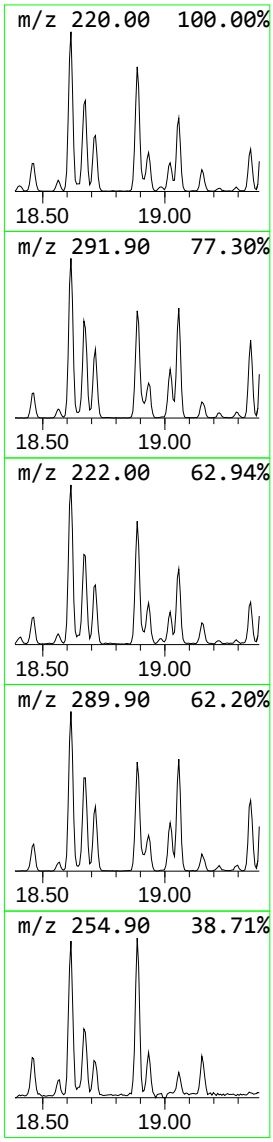
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 2,2',4,5-Tetrachloro-1,1'-b... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.886	3.59 ng/ul	716739	Phenanthrene-d10	17.581

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',5,6'-Tetrach...	290	C12H6Cl4	041464-41-9	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





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Data File : BP014862.D
Acq On : 27 Apr 2023 03:15
Operator : CG/JU
Sample : 02447-20
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ALS Vial : 33 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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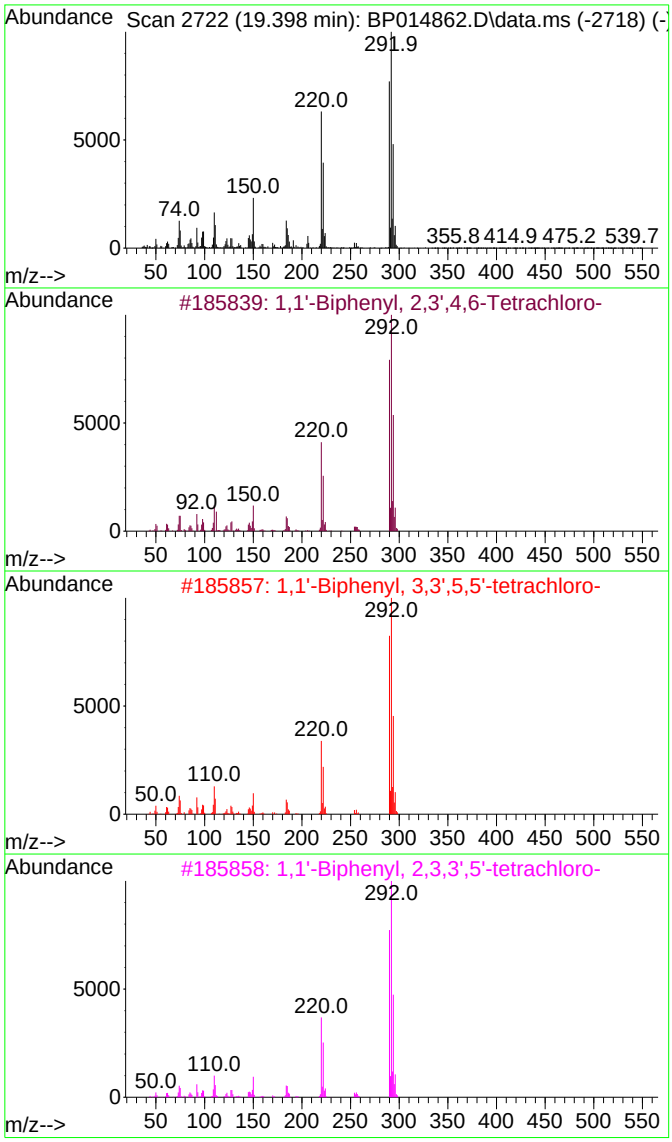
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042523.MA.M
Quant Title : SVOA CALIBRATION

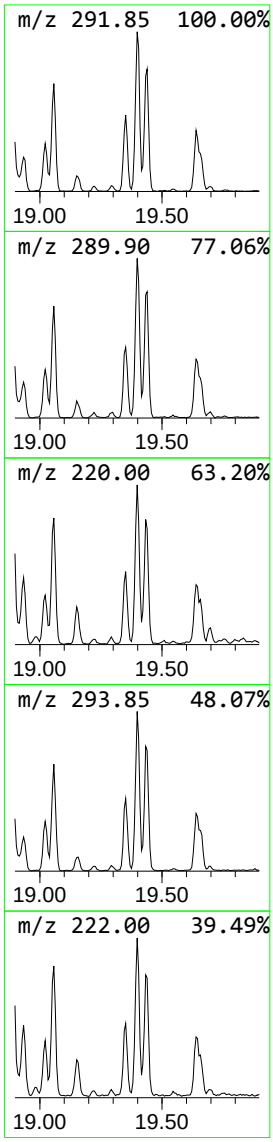
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 1,1'-Biphenyl, 2,3',4,6-Tet... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.398	3.19 ng/ul	637256	Phenanthrene-d10	17.581

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3',4,6-Tetrachl...	290	C12H6Cl4	060233-24-1	99
2	1,1'-Biphenyl, 3,3',5,5'-tetrach...	290	C12H6Cl4	033284-52-5	99
3	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99
4	3,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-49-1	99
5	2,3,3',4-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074338-24-2	99





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Acq On : 27 Apr 2023 03:15
Operator : CG/JU
Sample : 02447-20
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW938

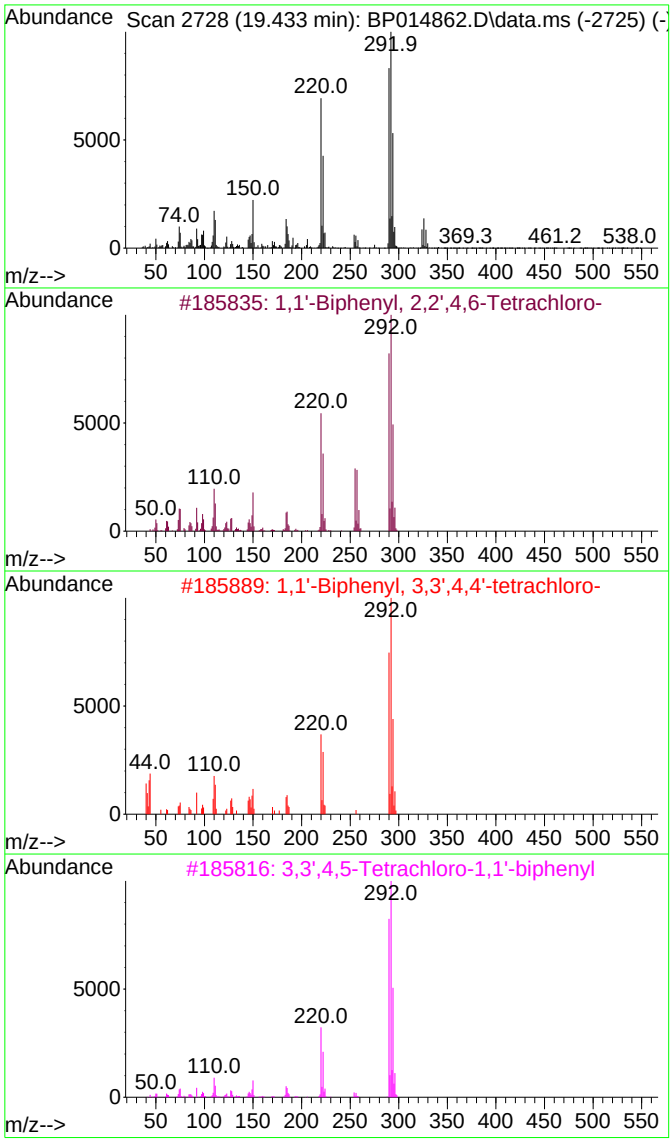
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042523.MA.M
Quant Title : SVOA CALIBRATION

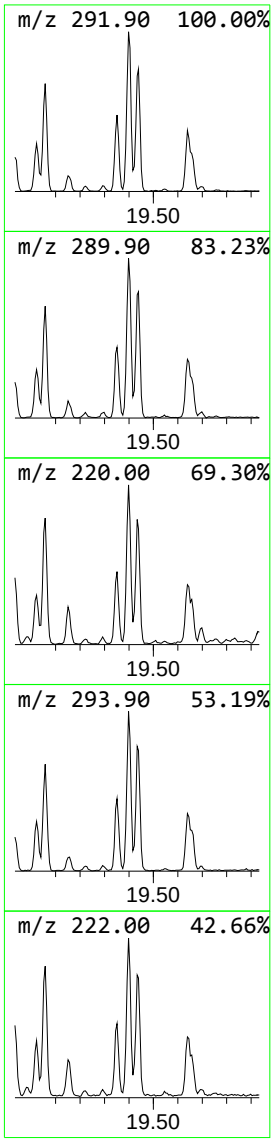
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 1,1'-Biphenyl, 2,2',4,6-Tet... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.433	3.47 ng/ul	693324	Phenanthrene-d10	17.581

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	99
2	1,1'-Biphenyl, 3,3',4,4'-tetrach...	290	C12H6Cl4	032598-13-3	99
3	3,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-49-1	99
4	Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	99
5	1,1'-Biphenyl, 2,3,3',4'-tetrach...	290	C12H6Cl4	041464-43-1	99





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Sample : 02447-20
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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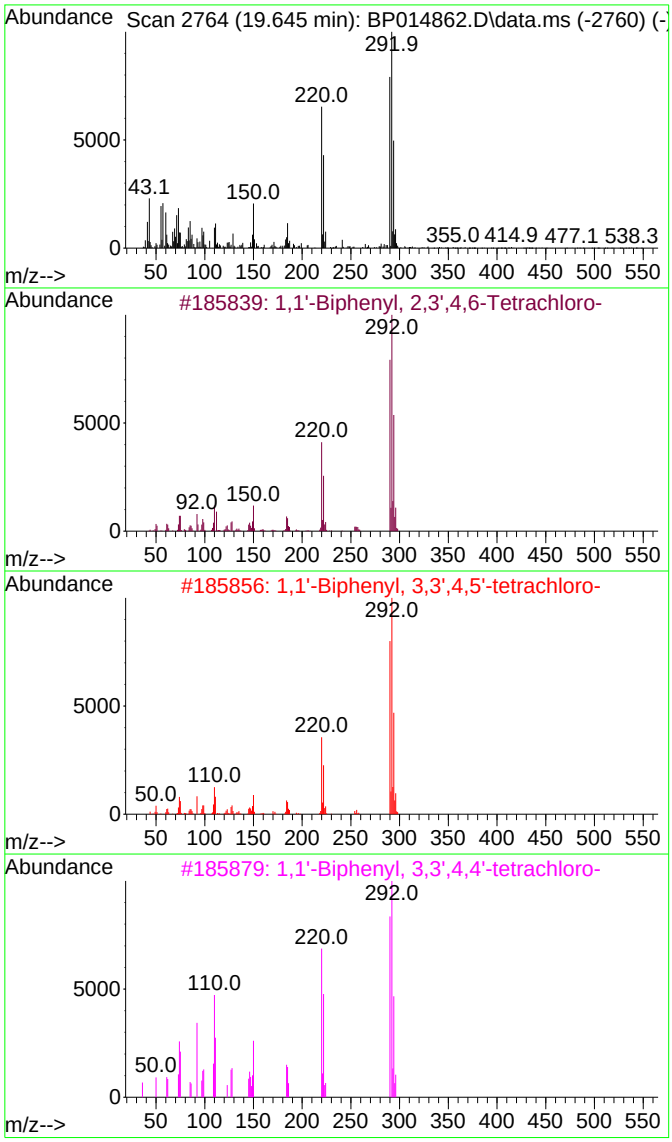
Quant Title : SVOA CALIBRATION

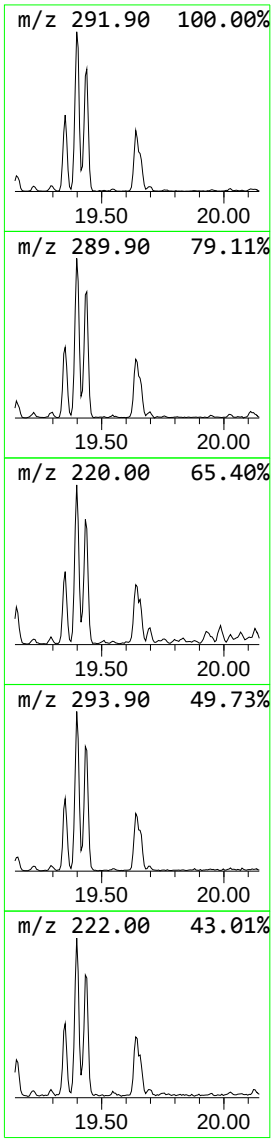
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 1,1'-Biphenyl, 3,3',4,5'-te... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.645	3.03 ng/ul	404210	Chrysene-d12	21.651

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3',4,6-Tetrachl...	290	C12H6Cl4	060233-24-1	94
2	1,1'-Biphenyl, 3,3',4,5'-tetrach...	290	C12H6Cl4	041464-48-6	94
3	1,1'-Biphenyl, 3,3',4,4'-tetrach...	290	C12H6Cl4	032598-13-3	94
4	1,1'-Biphenyl, 3,3',4,5'-tetrach...	290	C12H6Cl4	041464-48-6	94
5	1,1'-Biphenyl, 2,3,3',4'-tetrach...	290	C12H6Cl4	041464-43-1	94





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Sample : 02447-20
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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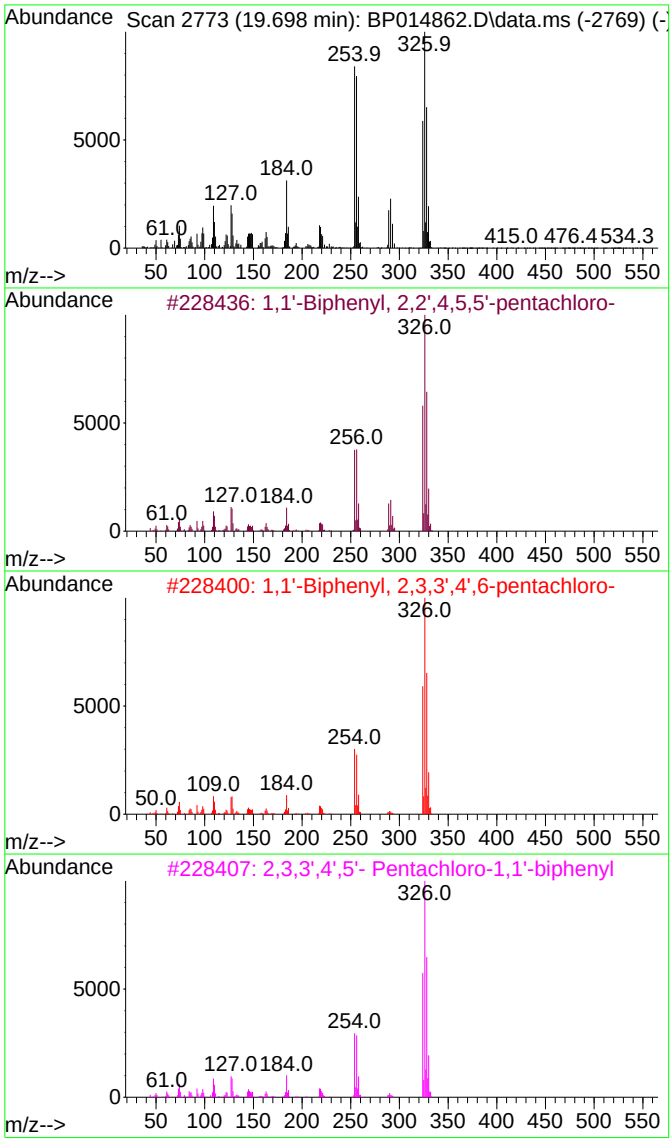
Quant Title : SVOA CALIBRATION

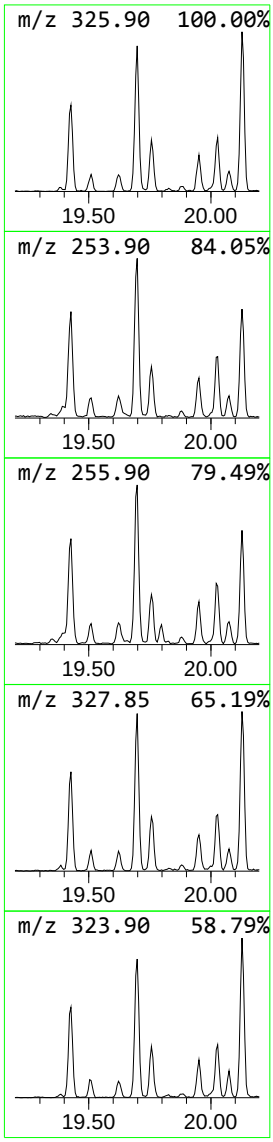
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 1,1'-Biphenyl, 2,2',4,5,5'-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.698	4.06 ng/ul	541305	Chrysene-d12	21.651

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	99
2	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
3	2,3,3',4',5'- Pentachloro-1,1'-b...	324	C12H5Cl5	076842-07-4	99
4	1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	99
5	2,3,3',4,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	070362-41-3	99





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Acq On : 27 Apr 2023 03:15
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Sample : 02447-20
Misc :
ALS Vial : 33 Sample Multiplier: 1

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BNA_P
ClientSampleId :
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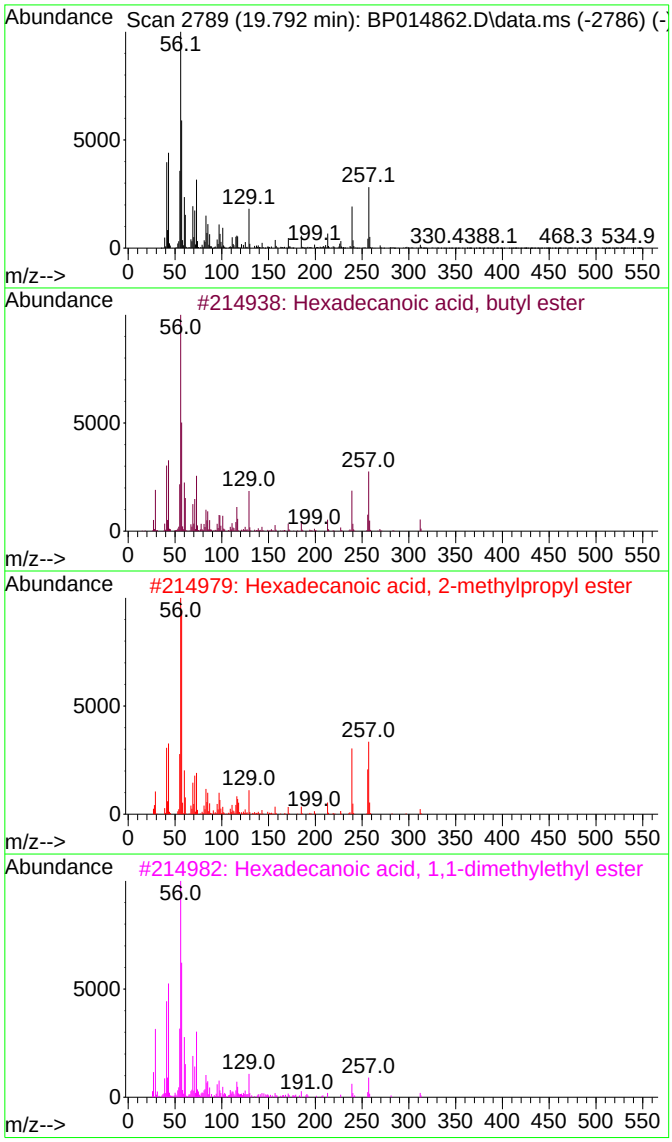
Quant Title : SVOA CALIBRATION

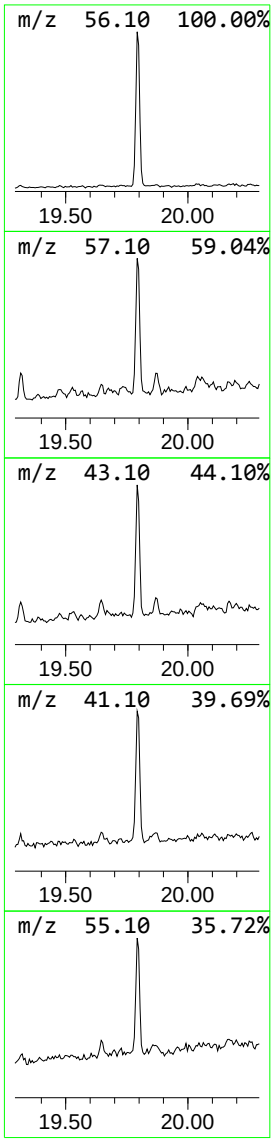
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Hexadecanoic acid, butyl ester Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.792	5.05 ng/ul	672994	Chrysene-d12	21.651

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	91
2	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	90
3	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	76
4	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	49
5	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	43





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BNA_P
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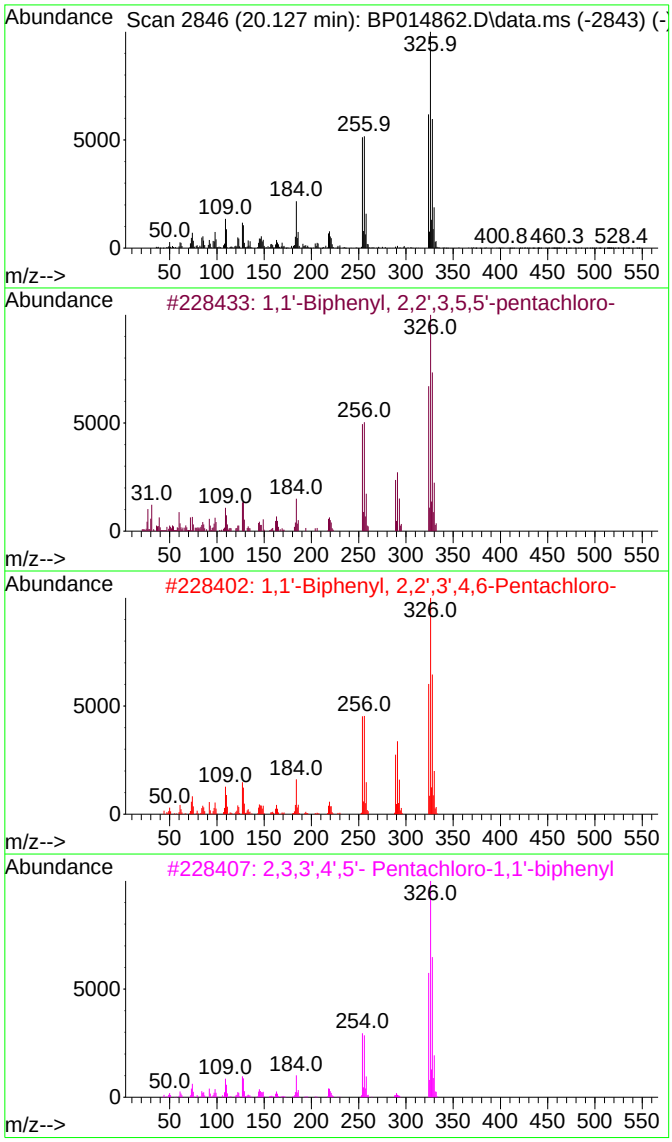
Quant Title : SVOA CALIBRATION

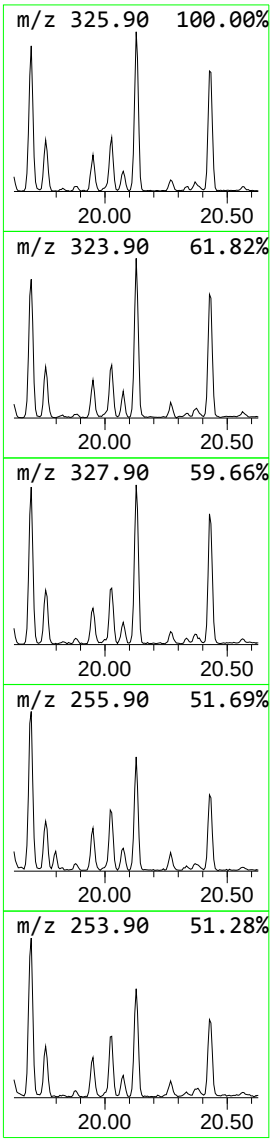
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 1,1'-Biphenyl, 2,2',3,5,5'-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.127	3.04 ng/ul	405162	Chrysene-d12	21.651

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	99
2	1,1'-Biphenyl, 2,2',3',4,6-Penta...	324	C12H5Cl5	060233-25-2	99
3	2,3,3',4',5'- Pentachloro-1,1'-b...	324	C12H5Cl5	076842-07-4	99
4	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	99
5	3,3',4,5,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	039635-33-1	99





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Operator : CG/JU
Sample : 02447-20
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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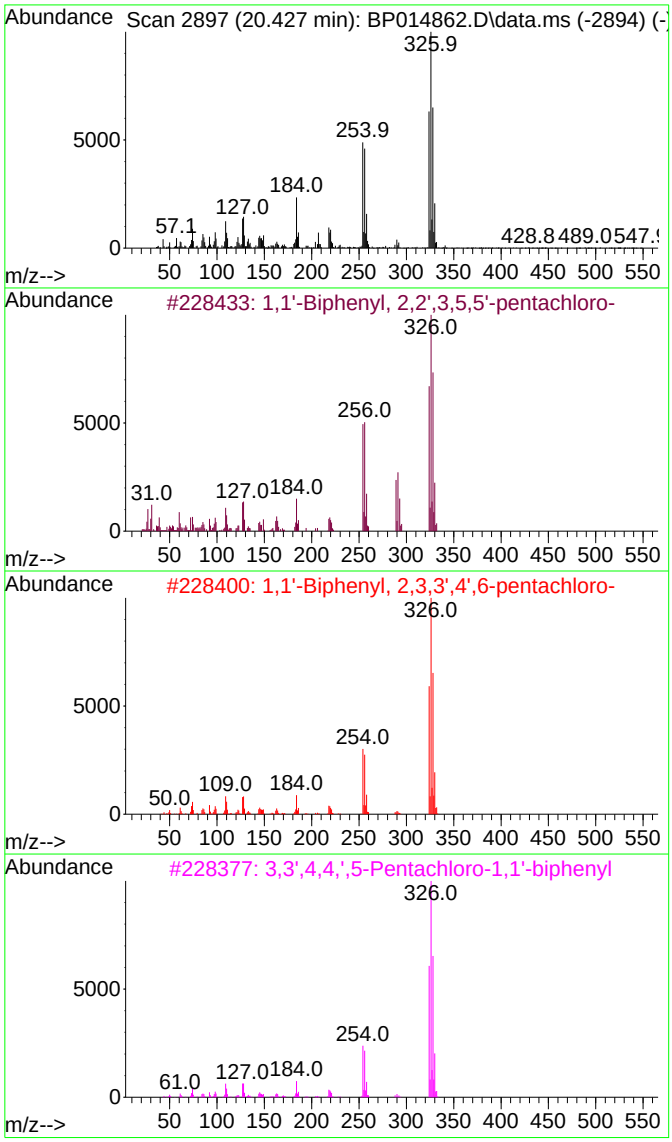
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042523.MA.M
Quant Title : SVOA CALIBRATION

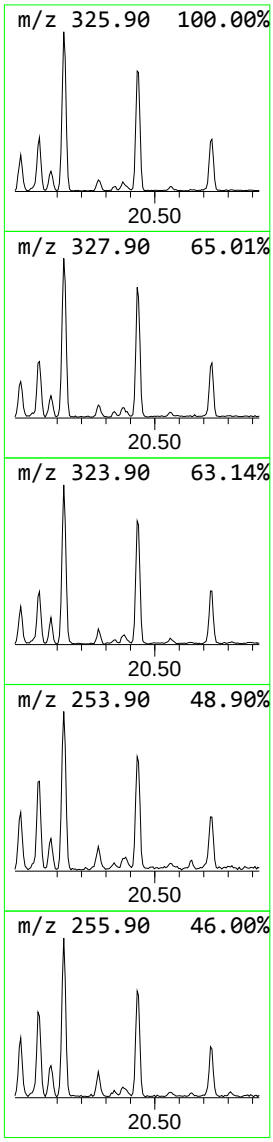
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 1,1'-Biphenyl, 2,3,3',4',6-... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.427	2.45 ng/ul	325861	Chrysene-d12	21.651

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	99
2	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
3	3,3',4,4,',5-Pentachloro-1,1'-bi...	324	C12H5Cl5	057465-28-8	99
4	2,3,3',4,5-Pentachloro-1,1'-biph...	324	C12H5Cl5	070424-69-0	99
5	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	99





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Operator : CG/JU
Sample : 02447-20
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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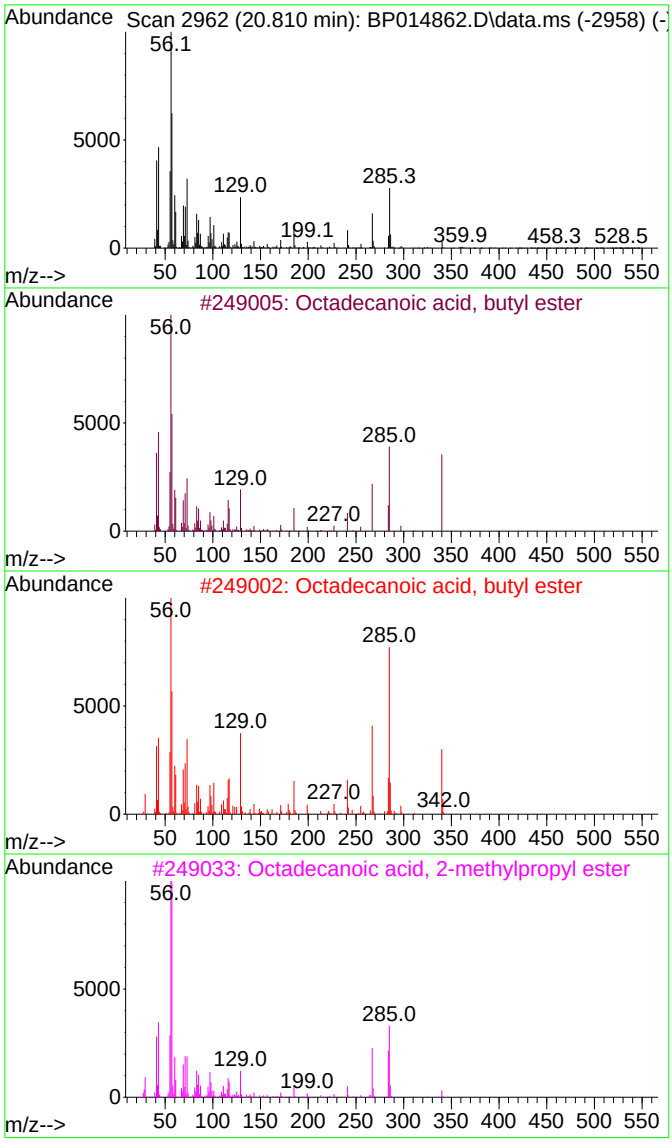
Quant Title : SVOA CALIBRATION

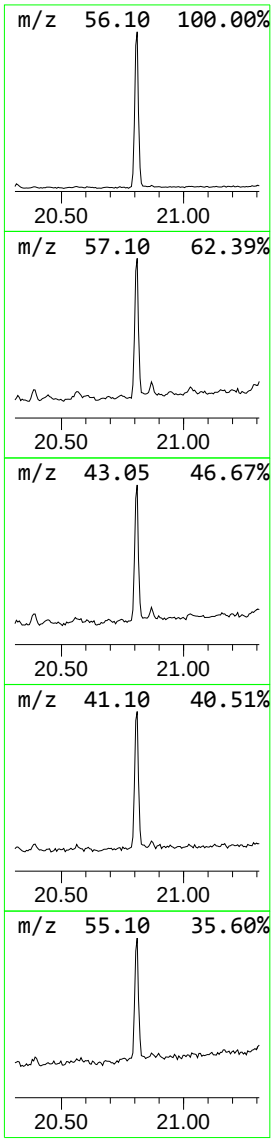
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Octadecanoic acid, butyl ester Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.810	9.15 ng/ul	1219170	Chrysene-d12	21.651

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	90
2	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	90
3	Octadecanoic acid, 2-methylpropy...	340	C22H44O2	000646-13-9	89
4	Butyl myristate	284	C18H36O2	000110-36-1	59
5	Nipecotic acid	129	C6H11NO2	000498-95-3	47





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Operator : CG/JU
Sample : 02447-20
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW938

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Quant Title : SVOA CALIBRATION

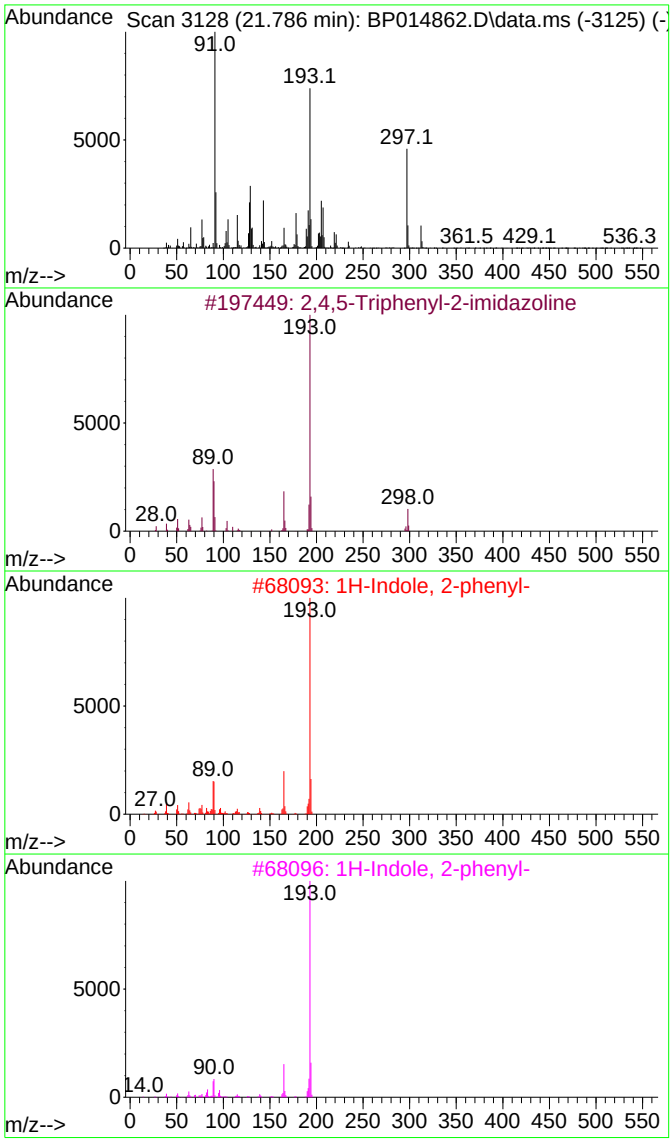
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

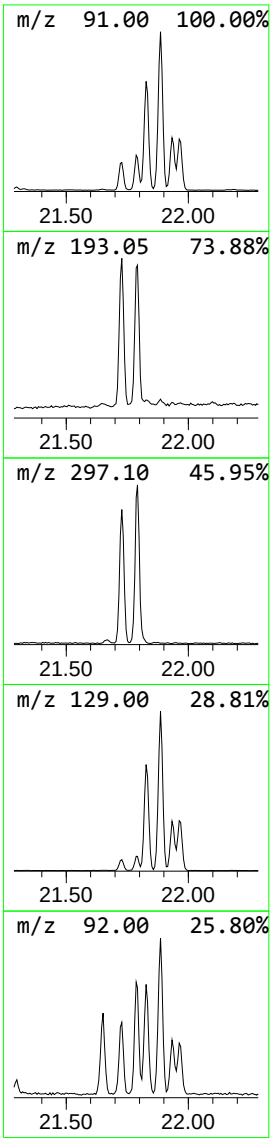
****

Peak Number 24 unknown-01 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.786	8.21 ng/ul	1093300	Chrysene-d12	21.651

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,5-Triphenyl-2-imidazoline	298	C21H18N2	1010326-01-1	41
2	1H-Indole, 2-phenyl-	193	C14H11N	000948-65-2	38
3	1H-Indole, 2-phenyl-	193	C14H11N	000948-65-2	38
4	5H-Dibenzo[a,d]cycloheptene, 5-c...	228	C15H13Cl	001210-33-9	30
5	Benzo[f]quinoline, 2-methyl-	193	C14H11N	039258-30-5	30





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Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

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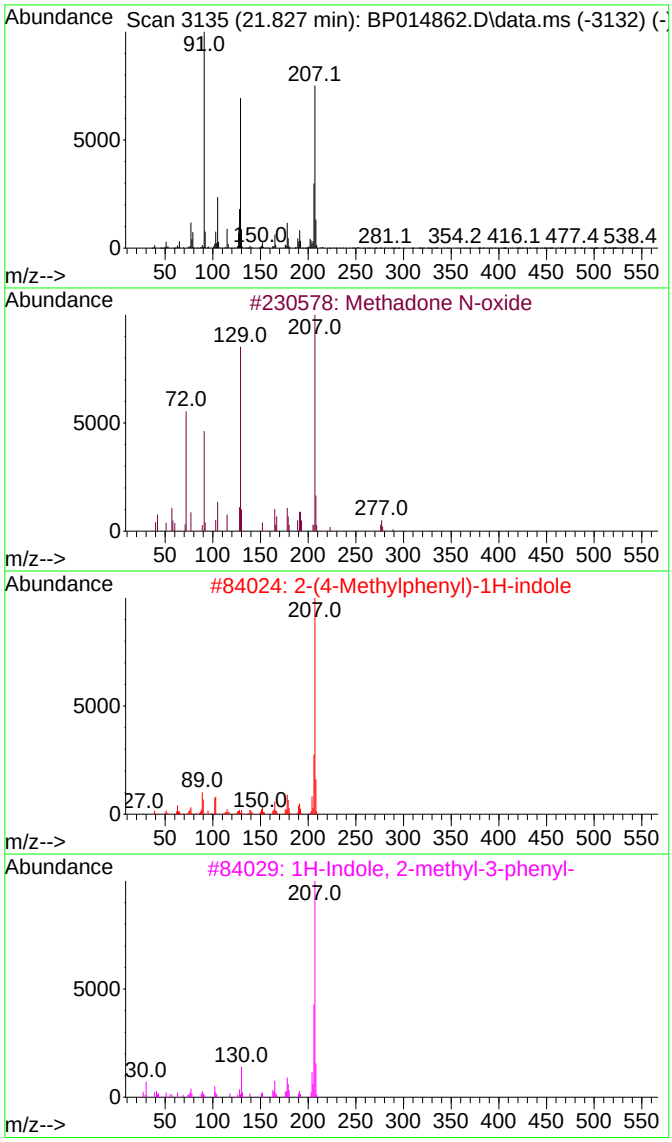
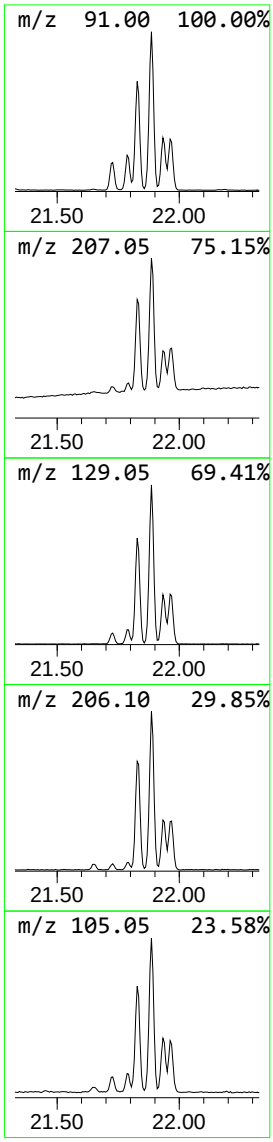
Peak Number 25 Methadone N-oxide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.827	17.28 ng/ul	2301330	Chrysene-d12	21.651

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methadone N-oxide	325	C21H27NO2	1000120-80-7	53
2	2-(4-Methylphenyl)-1H-indole	207	C15H13N	055577-25-8	49
3	1H-Indole, 2-methyl-3-phenyl-	207	C15H13N	004757-69-1	49
4	1H-Indole, 2-methyl-3-phenyl-	207	C15H13N	004757-69-1	49
5	1-Propene, 3-(2-cyclopentenyl)-2...	274	C21H22	1010154-23-3	43





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Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW938

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042523.MA.M
Quant Title : SVOA CALIBRATION

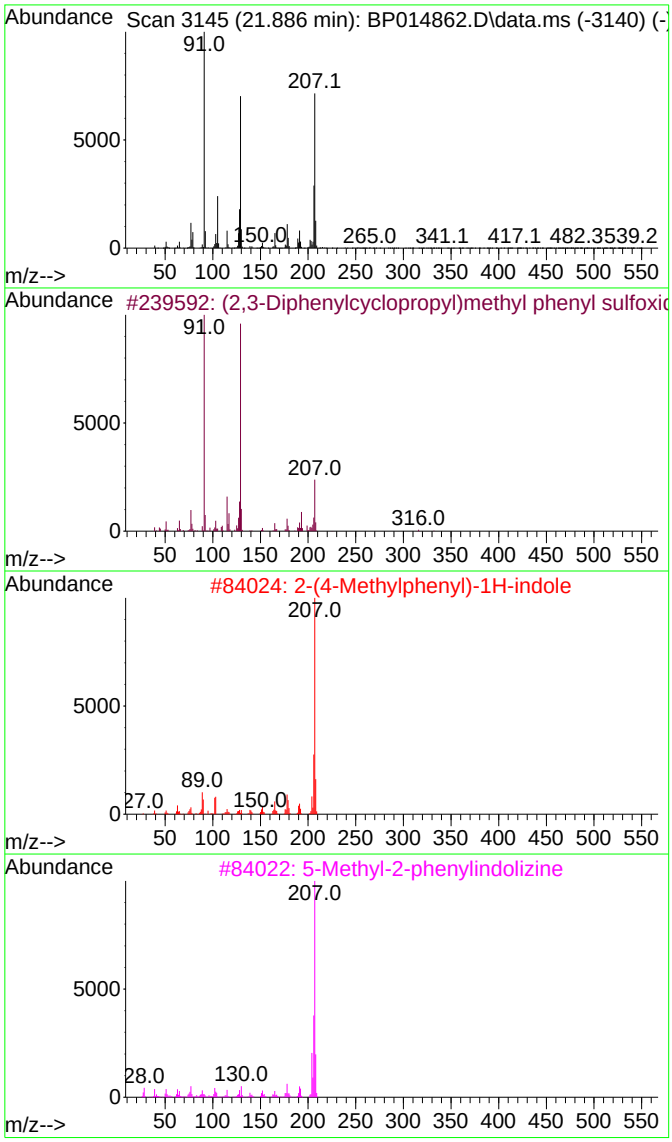
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

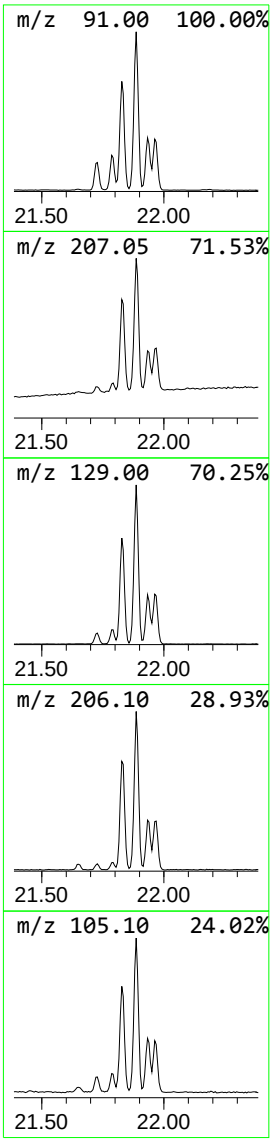
****

Peak Number 26 unknown-02 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.886	24.94 ng/ul	3322480	Chrysene-d12	21.651

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(2,3-Diphenylcyclopropyl)methyl ...	332	C22H20OS	131758-71-9	45
2	2-(4-Methylphenyl)-1H-indole	207	C15H13N	055577-25-8	42
3	5-Methyl-2-phenylindolizine	207	C15H13N	036944-99-7	41
4	4-Methyl-3-phenyl-1H-indole	207	C15H13N	180271-54-9	38
5	1H-Indole, 2-methyl-3-phenyl-	207	C15H13N	004757-69-1	30





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ALS Vial : 33 Sample Multiplier: 1

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BNA_P
ClientSampleId :
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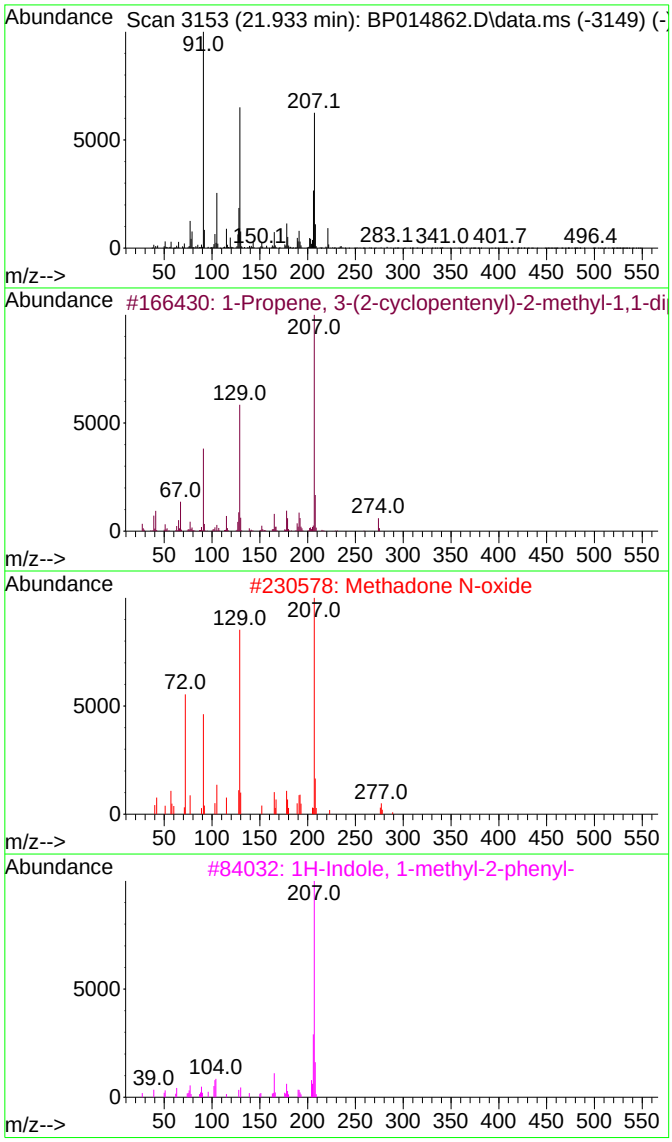
Quant Title : SVOA CALIBRATION

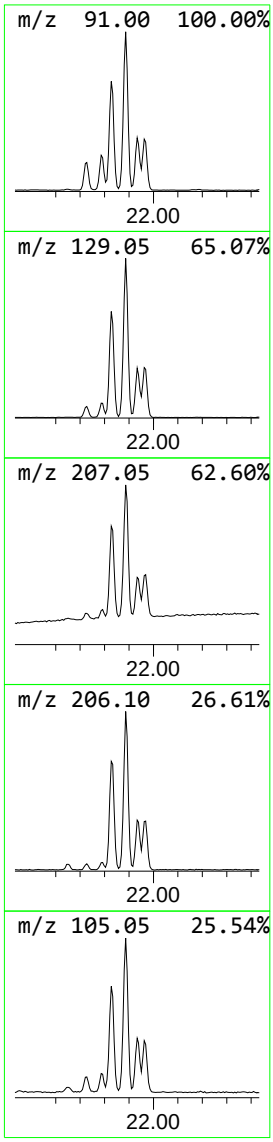
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 1-Propene, 3-(2-cyclopenten... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.933	9.68 ng/ul	1289810	Chrysene-d12	21.651

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 3-(2-cyclopentenyl)-2...	274	C21H22	1010154-23-3	50
2	Methadone N-oxide	325	C21H27NO2	1000120-80-7	47
3	1H-Indole, 1-methyl-2-phenyl-	207	C15H13N	003558-24-5	38
4	4-Methyl-3-phenyl-1H-indole	207	C15H13N	180271-54-9	38
5	1H-Indole, 2-methyl-3-phenyl-	207	C15H13N	004757-69-1	38





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Data File : BP014862.D
Acq On : 27 Apr 2023 03:15
Operator : CG/JU
Sample : 02447-20
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW938

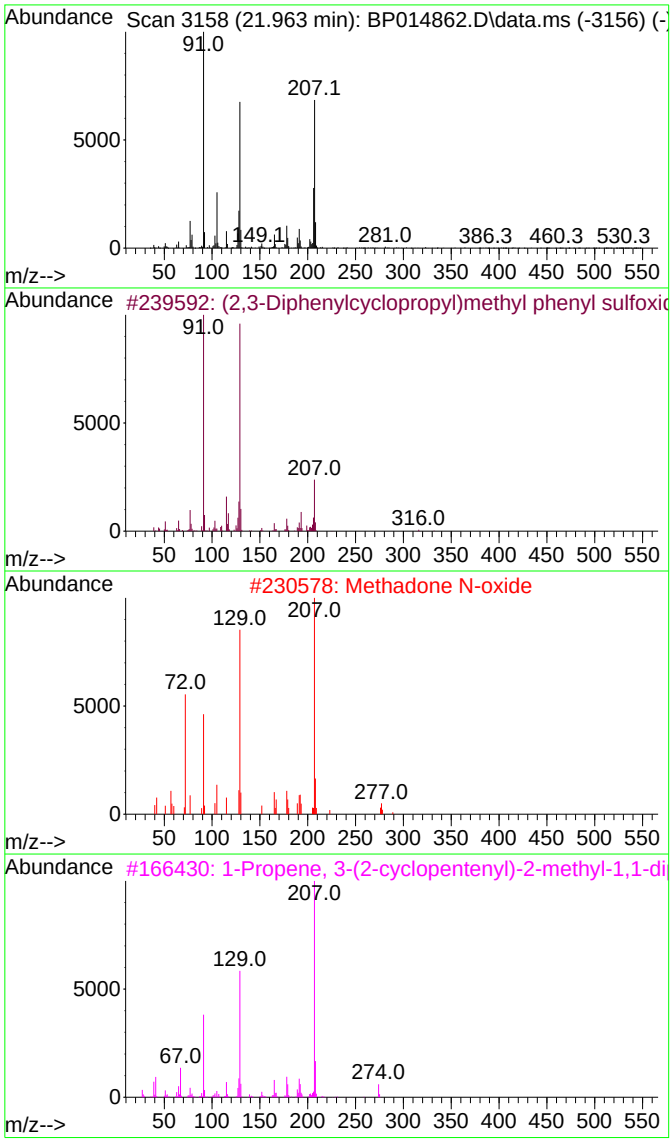
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042523.MA.M
Quant Title : SVOA CALIBRATION

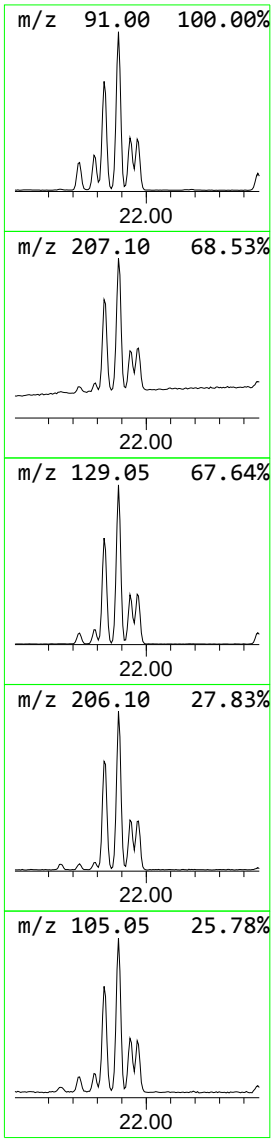
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 (2,3-Diphenylcyclopropyl)me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.963	8.03 ng/ul	1069120	Chrysene-d12	21.651

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(2,3-Diphenylcyclopropyl)methyl ...	332	C22H20OS	131758-71-9	59
2	Methadone N-oxide	325	C21H27NO2	1000120-80-7	47
3	1-Propene, 3-(2-cyclopentenyl)-2...	274	C21H22	1010154-23-3	43
4	1H-Indole, 2-methyl-3-phenyl-	207	C15H13N	004757-69-1	41
5	1H-Indole, 2-methyl-3-phenyl-	207	C15H13N	004757-69-1	41





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042623\
Data File : BP014862.D
Acq On : 27 Apr 2023 03:15
Operator : CG/JU
Sample : 02447-20
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW938

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042523.MA.M
Quant Title : SVOA CALIBRATION

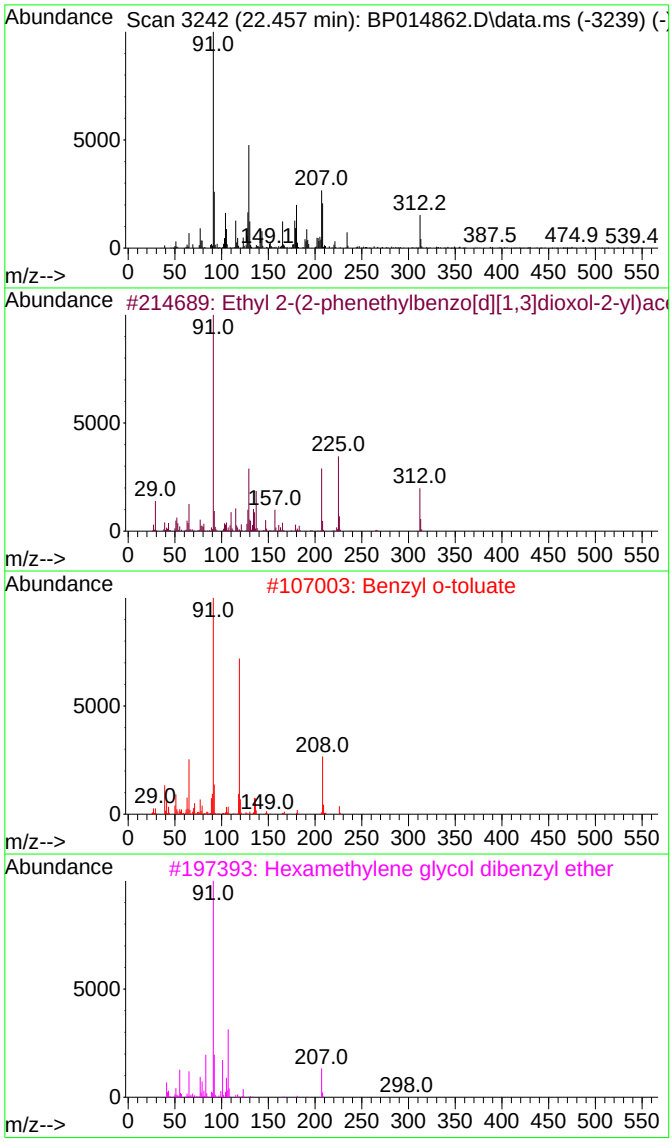
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

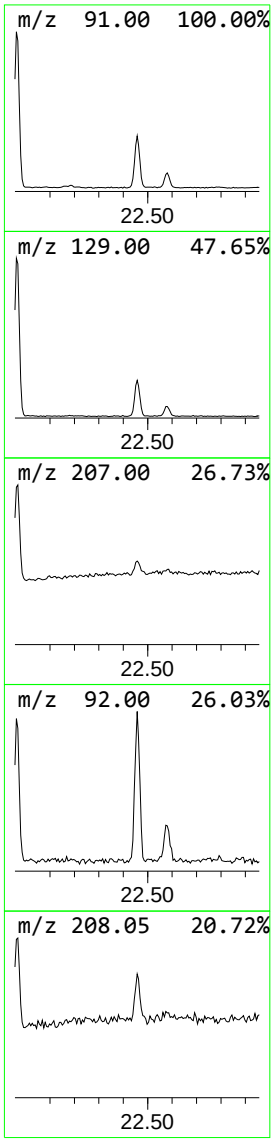
****

Peak Number 29 unknown-03 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.457	3.08 ng/ul	410235	Chrysene-d12	21.651

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl 2-(2-phenethylbenzo[d][1,3...	312	C19H20O4	1000481-34-6	16
2	Benzyl o-toluate	226	C15H14O2	067157-60-2	9
3	Hexamethylene glycol dibenzyl ether	298	C20H26O2	123826-83-5	9
4	2-Benzylsulfanyl-N-(5-bromo-pyri...	398	C19H15BrN2OS	1000295-34-2	9
5	1-Benzyl-2-hydroxymethyl-cis-3-(...	312	C18H20N2O3	023112-05-2	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042623\
Data File : BP014862.D
Acq On : 27 Apr 2023 03:15
Operator : CG/JU
Sample : 02447-20
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW938

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042523.MA.M
Quant Title : SVOA CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: S...	3.428	49.4	ng/ul	5555910	1	8.204	2249810	20.0
Benzene, propyl-	7.163	2.4	ng/ul	267544	1	8.204	2249810	20.0
trans-3-Methoxy...	16.575	2.6	ng/ul	519479	4	17.581	3992650	20.0
Benzene, 1,1'-(...	16.763	2.0	ng/ul	401046	4	17.581	3992650	20.0
[2.2]Paracyclop...	17.175	6.2	ng/ul	1238030	4	17.581	3992650	20.0
1,1'-Biphenyl, ...	17.451	2.5	ng/ul	509029	4	17.581	3992650	20.0
1,1'-Biphenyl, ...	17.751	2.8	ng/ul	567360	4	17.581	3992650	20.0
1,1'-Biphenyl, ...	18.169	11.3	ng/ul	2255810	4	17.581	3992650	20.0
1,1'-Biphenyl, ...	18.286	2.4	ng/ul	479954	4	17.581	3992650	20.0
1,1'-Biphenyl, ...	18.404	2.6	ng/ul	518027	4	17.581	3992650	20.0
1,1'-Biphenyl, ...	18.616	4.6	ng/ul	926987	4	17.581	3992650	20.0
1,1'-Biphenyl, ...	18.669	2.6	ng/ul	524068	4	17.581	3992650	20.0
2,2',4,5-Tetrac...	18.886	3.6	ng/ul	716739	4	17.581	3992650	20.0
1,1'-Biphenyl, ...	19.398	3.2	ng/ul	637256	4	17.581	3992650	20.0
1,1'-Biphenyl, ...	19.433	3.5	ng/ul	693324	4	17.581	3992650	20.0
1,1'-Biphenyl, ...	19.645	3.0	ng/ul	404210	5	21.651	2663970	20.0
1,1'-Biphenyl, ...	19.698	4.1	ng/ul	541305	5	21.651	2663970	20.0
Hexadecanoic ac...	19.792	5.0	ng/ul	672994	5	21.651	2663970	20.0
1,1'-Biphenyl, ...	20.127	3.0	ng/ul	405162	5	21.651	2663970	20.0
1,1'-Biphenyl, ...	20.427	2.5	ng/ul	325861	5	21.651	2663970	20.0
Octadecanoic ac...	20.810	9.2	ng/ul	1219170	5	21.651	2663970	20.0
unknown-01	21.786	8.2	ng/ul	1093300	5	21.651	2663970	20.0
Methadone N-oxide	21.827	17.3	ng/ul	2301330	5	21.651	2663970	20.0
unknown-02	21.886	24.9	ng/ul	3322480	5	21.651	2663970	20.0
1-Propene, 3-(2...	21.933	9.7	ng/ul	1289810	5	21.651	2663970	20.0
(2,3-Diphenylcy...	21.963	8.0	ng/ul	1069120	5	21.651	2663970	20.0
unknown-03	22.457	3.1	ng/ul	410235	5	21.651	2663970	20.0