LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032223\
Data File : BP014272.D
Acq On : 23 Mar 2023 23:51
Operator : CG/JU
Sample : 01991-03
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E0279

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-BP030723.M
Title : SVOA CALIBRATION

Signal : TIC: BP014272.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.217	3	5	8	rVV	26257	22475	0.58%	0.042%
2	3.270	12	14	16	rVV2	17983	16378	0.43%	0.031%
3	3.311	16	21	33	rVB	891138	1165099	30.32%	2.193%
4	3.664	77	81	93	rVB	30470	47721	1.24%	0.090%
5	3.893	116	120	126	rBV8	6825	14382	0.37%	0.027%
6	5.311	354	361	371	rVB	105284	169495	4.41%	0.319%
7	7.781	773	781	790	rBV2	22116	43205	1.12%	0.081%
8	8.034	818	824	837	rBV	256425	451551	11.75%	0.850%
9	8.852	956	963	968	rBV7	7972	16762	0.44%	0.032%
10	9.252	1025	1031	1036	rBV	29407	43106	1.12%	0.081%
11	9.316	1036	1042	1050	rBV5	14043	32136	0.84%	0.060%
12	9.540	1074	1080	1094	rBV	315561	577590	15.03%	1.087%
13	9.858	1127	1134	1151	rBV	493818	886194	23.06%	1.668%
14	10.675	1266	1273	1281	rBV	47893	92638	2.41%	0.174%
15	10.805	1290	1295	1298	rBV	43060	65422	1.70%	0.123%
16	10.858	1298	1304	1320	rVV	378320	697329	18.15%	1.313%
17	12.252	1535	1541	1552	rBV	60473	91040	2.37%	0.171%
18	12.581	1590	1597	1605	rVB	98478	141524	3.68%	0.266%
19	12.746	1620	1625	1631	rVB	40855	60334	1.57%	0.114%
20	12.887	1643	1649	1653	rBV	18215	29561	0.77%	0.056%
21	13.199	1697	1702	1708	rVV5	9296	15836	0.41%	0.030%
22	13.422	1730	1740	1746	rBV2	44794	118354	3.08%	0.223%
23	13.481	1746	1750	1757	rVB	83272	122097	3.18%	0.230%
24	13.869	1810	1816	1821	rBV10	6624	16161	0.42%	0.030%
25	14.140	1859	1862	1865	rVV2	11848	14886	0.39%	0.028%
26	14.175	1865	1868	1875	rVB8	8095	14113	0.37%	0.027%
27	14.257	1877	1882	1887	rVB7	8682	11647	0.30%	0.022%
28	14.551	1927	1932	1938	rBV	99854	136959	3.56%	0.258%
29	14.681	1948	1954	1964	rVB	767432	1160054	30.19%	2.184%
30	14.804	1970	1975	1986	rVB2	47770	84821	2.21%	0.160%
31	15.169	2032	2037	2043	rBV7	13947	26762	0.70%	0.050%
32	15.504	2089	2094	2100	rBV	75701	95756	2.49%	0.180%
33	15.934	2156	2167	2175	rBV5	29338	80128	2.09%	0.151%
34	16.063	2185	2189	2196	rBV8	8473	17220	0.45%	0.032%
35	16.140	2196	2202	2205	rBV4	49989	84171	2.19%	0.158%
36	16.181	2205	2209	2218	rVB3	41146	77658	2.02%	0.146%

LSC Area Percent Report

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Acq On : 23 Mar 2023 23:51
Operator : CG/JU
Sample : 01991-03
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E0279

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-BP030723.M
Title : SVOA CALIBRATION

37	16.369	2237	2241	2249	rBV	92081	139715	3.64%	0.263%
38	16.657	2285	2290	2297	rBV	109970	158119	4.11%	0.298%
39	16.957	2333	2341	2349	rBV2	69948	115906	3.02%	0.218%
40	17.063	2356	2359	2363	rBV6	11630	17381	0.45%	0.033%
41	17.110	2364	2367	2372	rVV7	14353	25041	0.65%	0.047%
42	17.169	2372	2377	2381	rVV	63911	79615	2.07%	0.150%
43	17.222	2382	2386	2390	rVB4	18012	26374	0.69%	0.050%
44	17.304	2395	2400	2404	rVV	1338495	1823212	47.44%	3.432%
45	17.345	2404	2407	2415	rVB	338381	443677	11.55%	0.835%
46	17.440	2416	2423	2437	rBV	1156139	1892479	49.25%	3.563%
47	17.604	2445	2451	2457	rBV2	626116	935814	24.35%	1.762%
48	17.663	2457	2461	2466	rVV7	18906	38984	1.01%	0.073%
49	17.710	2466	2469	2476	rVB7	10040	16169	0.42%	0.030%
50	17.810	2484	2486	2493	rVB7	7669	12726	0.33%	0.024%
51	17.881	2493	2498	2501	rBV	141732	213882	5.57%	0.403%
52	17.910	2501	2503	2510	rVB2	84435	92722	2.41%	0.175%
53	18.016	2515	2521	2530	rBV	1964561	3842972	100.00%	7.235%
54	18.151	2536	2544	2550	rBV2	926917	1538264	40.03%	2.896%
55	18.216	2550	2555	2559	rVV	105170	138700	3.61%	0.261%
56	18.269	2559	2564	2568	rVV	488687	621405	16.17%	1.170%
57	18.322	2568	2573	2583	rVB	362437	500463	13.02%	0.942%
58	18.422	2586	2590	2594	rVV	156256	205949	5.36%	0.388%
59	18.481	2594	2600	2605	rVV	2020879	2683295	69.82%	5.052%
60	18.534	2605	2609	2613	rVV	1295536	1655688	43.08%	3.117%
61	18.575	2613	2616	2622	rVB	1045455	1285690	33.46%	2.420%
62	18.751	2641	2646	2651	rBV	1968044	2495207	64.93%	4.698%
63	18.798	2651	2654	2659	rVV	553316	692758	18.03%	1.304%
64	18.851	2659	2663	2666	rVV	226132	310923	8.09%	0.585%
65	18.887	2666	2669	2672	rVV	578231	753272	19.60%	1.418%
66	18.922	2672	2675	2680	rVB	1223460	1442812	37.54%	2.716%
67	18.981	2683	2685	2687	rVV2	18567	19973	0.52%	0.038%
68	19.016	2687	2691	2698	rVV2	379268	639693	16.65%	1.204%
69	19.086	2700	2703	2709	rVB3	39288	51845	1.35%	0.098%
70	19.157	2712	2715	2717	rBV	72398	88288	2.30%	0.166%
71	19.216	2721	2725	2729	rVV	962189	1181172	30.74%	2.224%
72	19.269	2729	2734	2737	rVV	2082968	2895456	75.34%	5.451%
73	19.304	2737	2740	2747	rVB	1904454	2393249	62.28%	4.506%
74	19.375	2748	2752	2756	rVV	147057	171200	4.45%	0.322%
75	19.510	2768	2775	2781	rBV	938711	1970124	51.27%	3.709%
76	19.563	2781	2784	2791	rVV	810575	1003017	26.10%	1.888%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032223\
Data File : BP014272.D
Acq On : 23 Mar 2023 23:51
Operator : CG/JU
Sample : 01991-03
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E0279

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

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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Title : SVOA CALIBRATION

77	19.628	2791	2795	2799	rVB	290262	355881	9.26%	0.670%
78	19.739	2811	2814	2819	rVB2	70269	105258	2.74%	0.198%
79	19.816	2823	2827	2833	rVB	242986	315387	8.21%	0.594%
80	19.892	2833	2840	2844	rBV2	404190	639905	16.65%	1.205%
81	19.939	2845	2848	2852	rVV	176121	222429	5.79%	0.419%
82	19.998	2852	2858	2863	rVV	608079	807562	21.01%	1.520%
83	20.045	2863	2866	2873	rVB	110379	137867	3.59%	0.260%
84	20.116	2875	2878	2880	rVV3	79648	104323	2.71%	0.196%
85	20.139	2880	2882	2890	rVB2	145366	192994	5.02%	0.363%
86	20.251	2897	2901	2905	rVB2	310235	373019	9.71%	0.702%
87	20.304	2905	2910	2915	rVB	377482	472953	12.31%	0.890%
88	20.381	2919	2923	2927	rBV	122966	155351	4.04%	0.292%
89	20.522	2943	2947	2953	rBV2	262373	311530	8.11%	0.586%
90	20.575	2953	2956	2958	rBV4	72038	89222	2.32%	0.168%
91	20.604	2958	2961	2969	rVB	258830	309009	8.04%	0.582%
92	20.675	2969	2973	2980	rBV6	103064	188356	4.90%	0.355%
93	20.739	2981	2984	2987	rBV	65732	74759	1.95%	0.141%
94	20.810	2992	2996	2998	rVV2	162194	249658	6.50%	0.470%
95	20.833	2998	3000	3005	rVB3	158699	179001	4.66%	0.337%
96	20.975	3021	3024	3027	rBV2	147081	154295	4.01%	0.290%
97	21.039	3032	3035	3038	rVB3	62479	70061	1.82%	0.132%
98	21.239	3066	3069	3074	rBV3	147780	166845	4.34%	0.314%
99	21.516	3111	3116	3128	rBV	1926740	3118052	81.14%	5.870%
100	24.033	3538	3544	3556	rVB2	1389221	2970134	77.29%	5.592%

Sum of corrected areas: 53117647

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032223\
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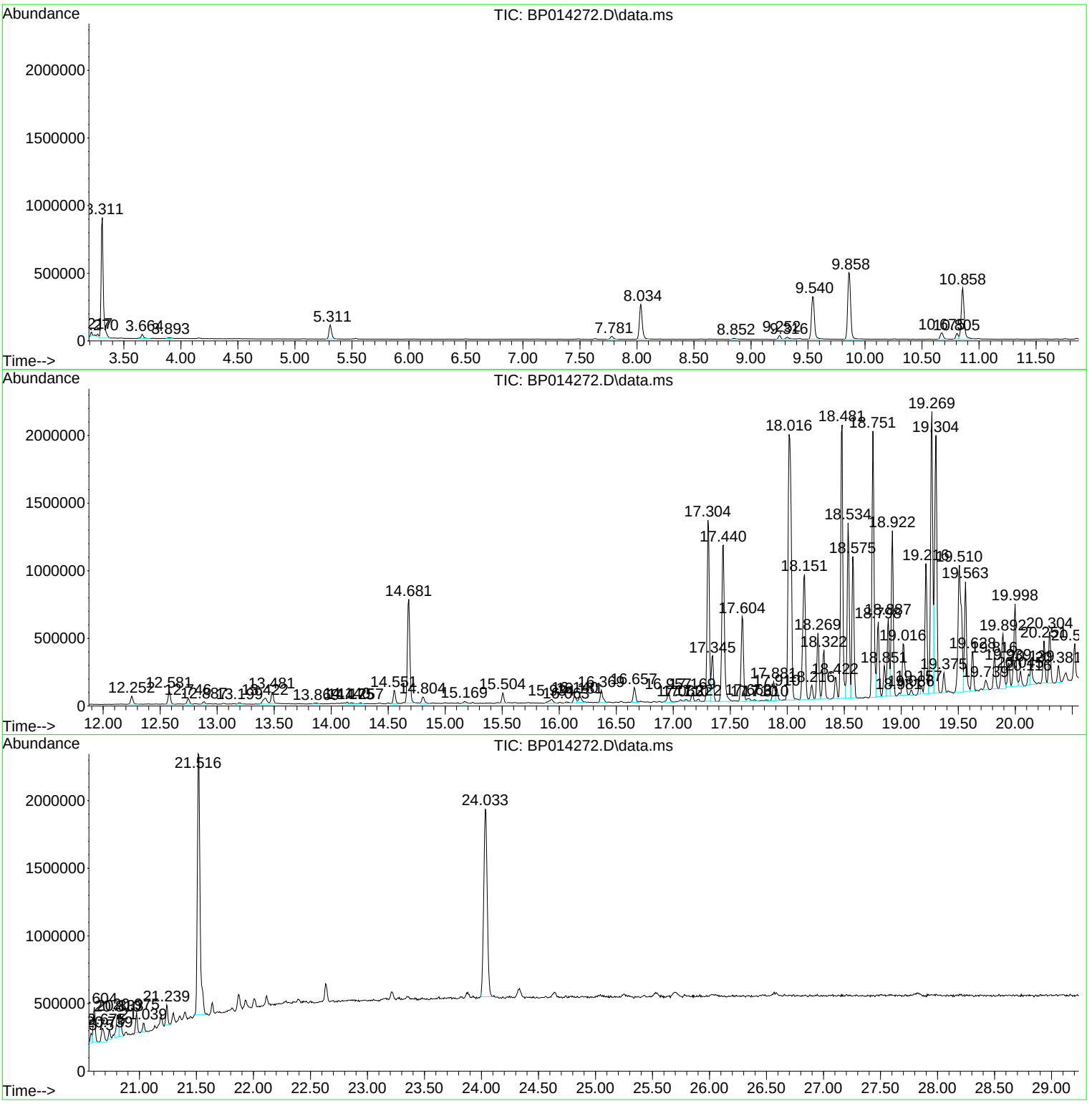
Sample : 01991-03
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E0279

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032223\
Data File : BP014272.D
Acq On : 23 Mar 2023 23:51
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Sample : 01991-03
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Instrument :
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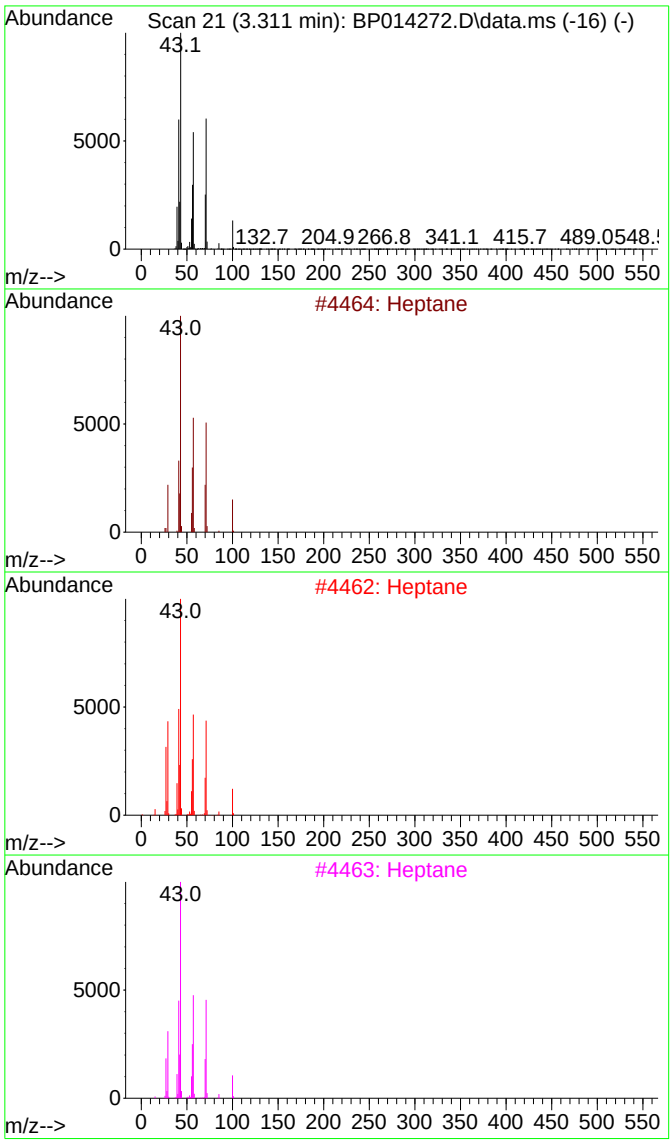
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

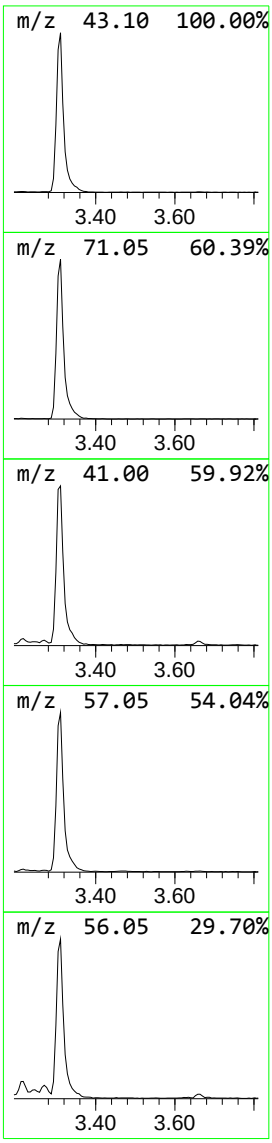
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.311	51.60 ng/ul	1165100	1,4-Dichlorobenzene-d4	8.034

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	91
2	Heptane	100	C7H16	000142-82-5	90
3	Heptane	100	C7H16	000142-82-5	87
4	Heptane	100	C7H16	000142-82-5	86
5	Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032223\
Data File : BP014272.D
Acq On : 23 Mar 2023 23:51
Operator : CG/JU
Sample : 01991-03
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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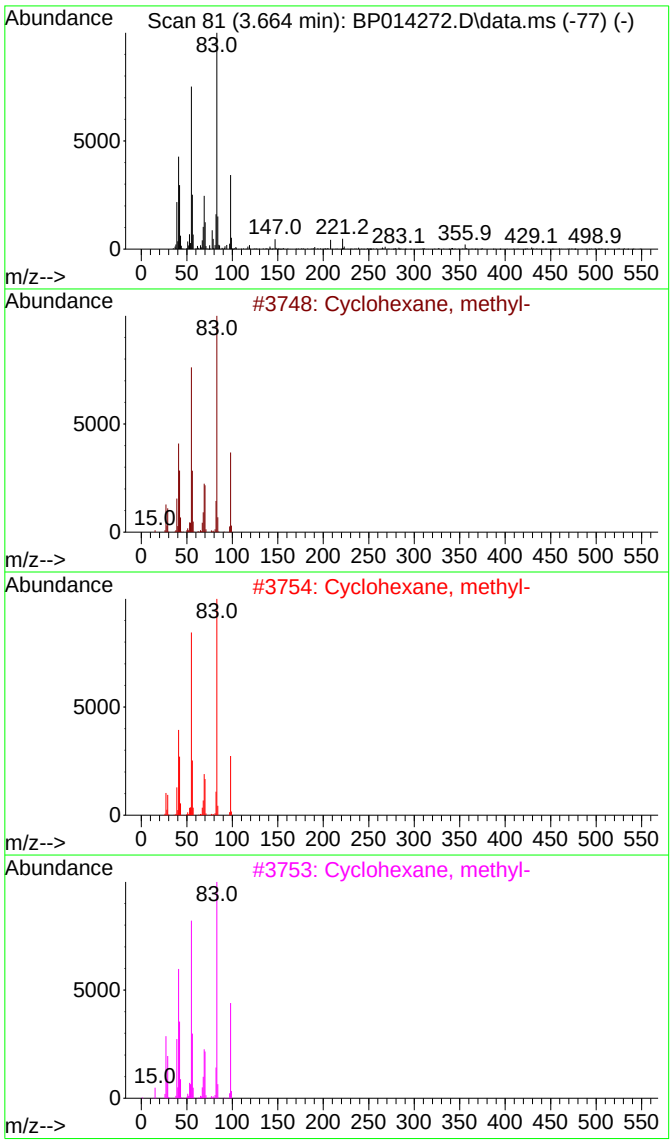
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

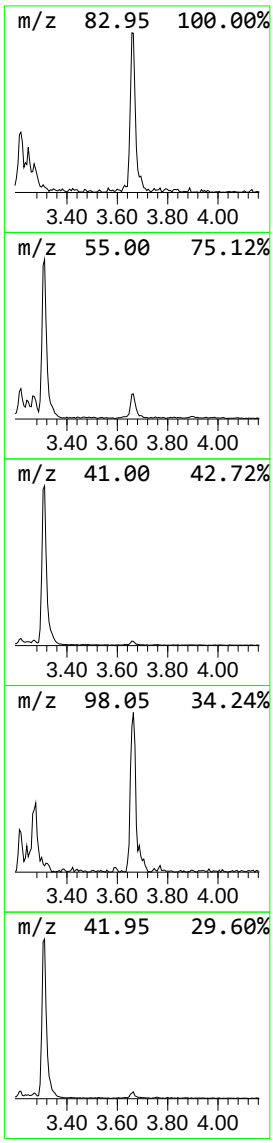
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Cyclic3.664 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.664	2.11 ng/ul	47721	1,4-Dichlorobenzene-d4	8.034

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, methyl-	98	C7H14	000108-87-2	91
2	Cyclohexane, methyl-	98	C7H14	000108-87-2	87
3	Cyclohexane, methyl-	98	C7H14	000108-87-2	83
4	Cyclohexane, methyl-	98	C7H14	000108-87-2	80
5	1H-Pyrazole, 4,5-dihydro-5,5-dim...	98	C5H10N2	004320-85-8	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032223\
Data File : BP014272.D
Acq On : 23 Mar 2023 23:51
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Sample : 01991-03
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_P
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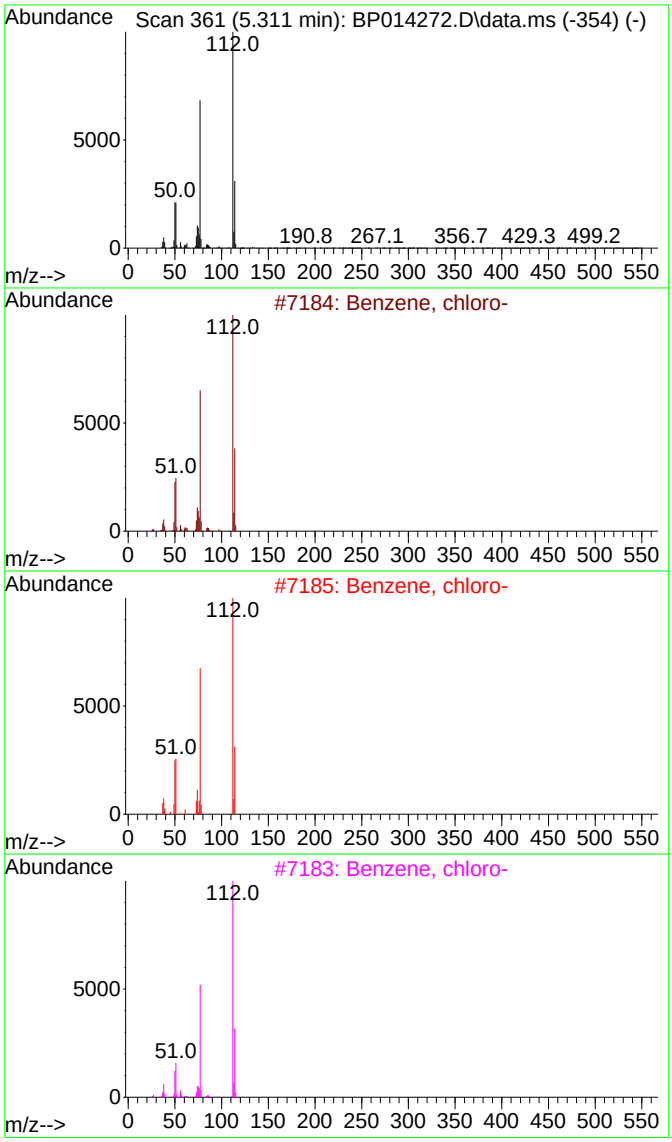
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

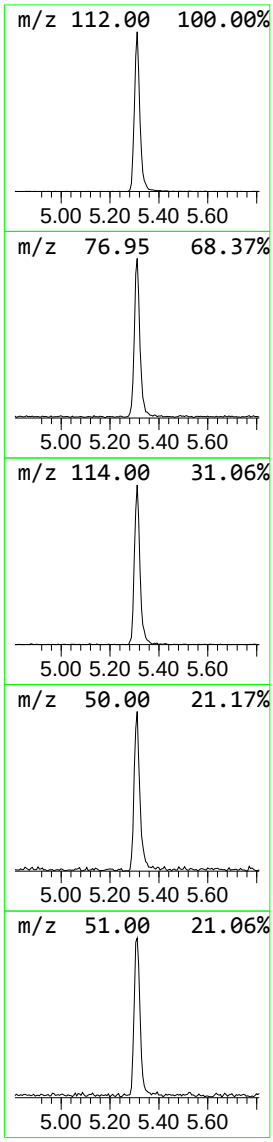
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, chloro- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.311	7.51 ng/ul	169495	1,4-Dichlorobenzene-d4	8.034

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, chloro-	112	C6H5Cl	000108-90-7	96
2	Benzene, chloro-	112	C6H5Cl	000108-90-7	95
3	Benzene, chloro-	112	C6H5Cl	000108-90-7	94
4	Benzene, chloro-	112	C6H5Cl	000108-90-7	94
5	Benzene, chloro-	112	C6H5Cl	000108-90-7	91





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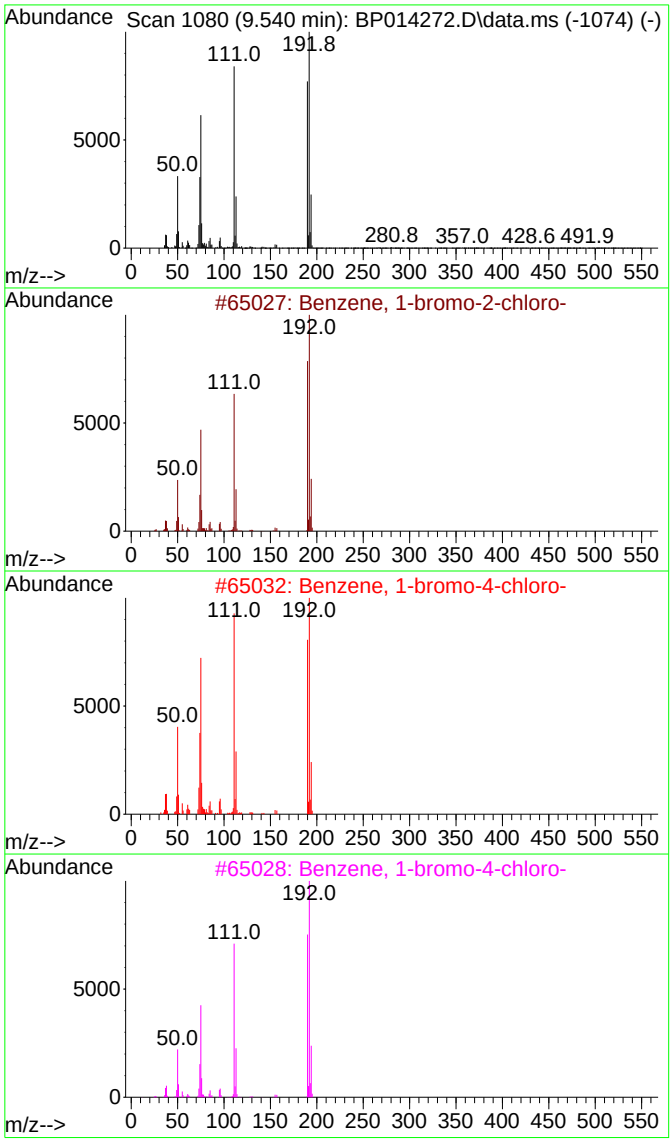
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

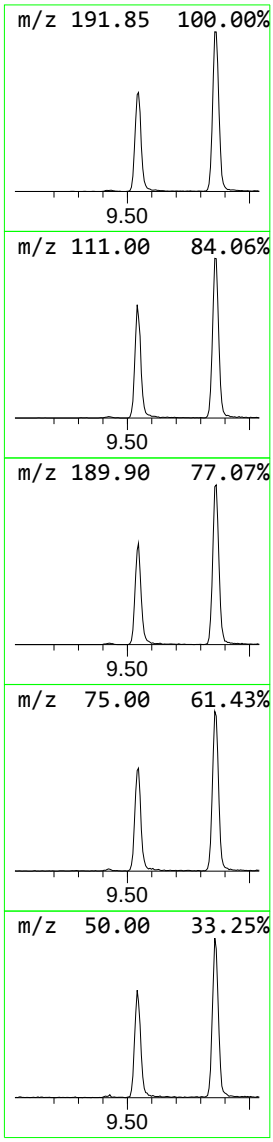
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1-bromo-2-chloro- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.540	16.57 ng/ul	577590	Naphthalene-d8	10.858

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	98
2	Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	98
3	Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	97
4	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	95
5	4-Chlorophenylselenol	192	C6H5ClSe	016645-10-6	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032223\
Data File : BP014272.D
Acq On : 23 Mar 2023 23:51
Operator : CG/JU
Sample : 01991-03
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E0279

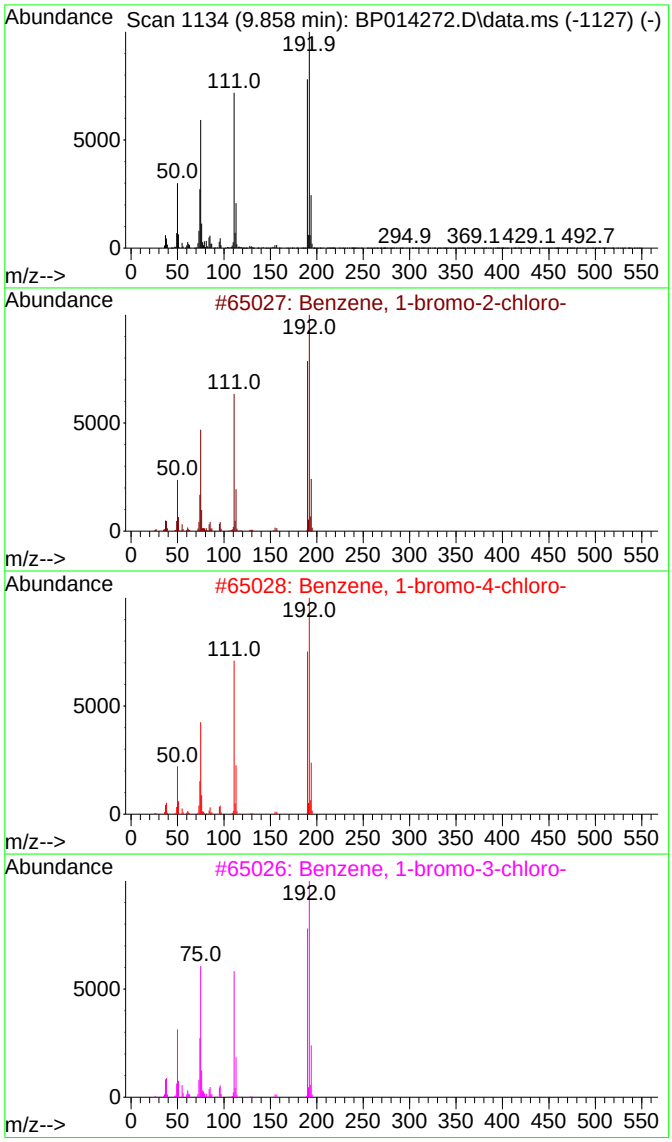
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

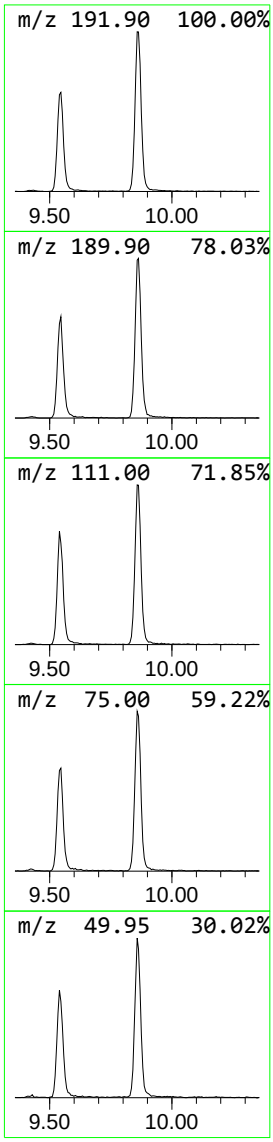
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1-bromo-4-chloro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.858	25.42 ng/ul	886194	Naphthalene-d8	10.858

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	98
2	Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	96
3	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	95
4	Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	95
5	Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	94





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Acq On : 23 Mar 2023 23:51
Operator : CG/JU
Sample : 01991-03
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E0279

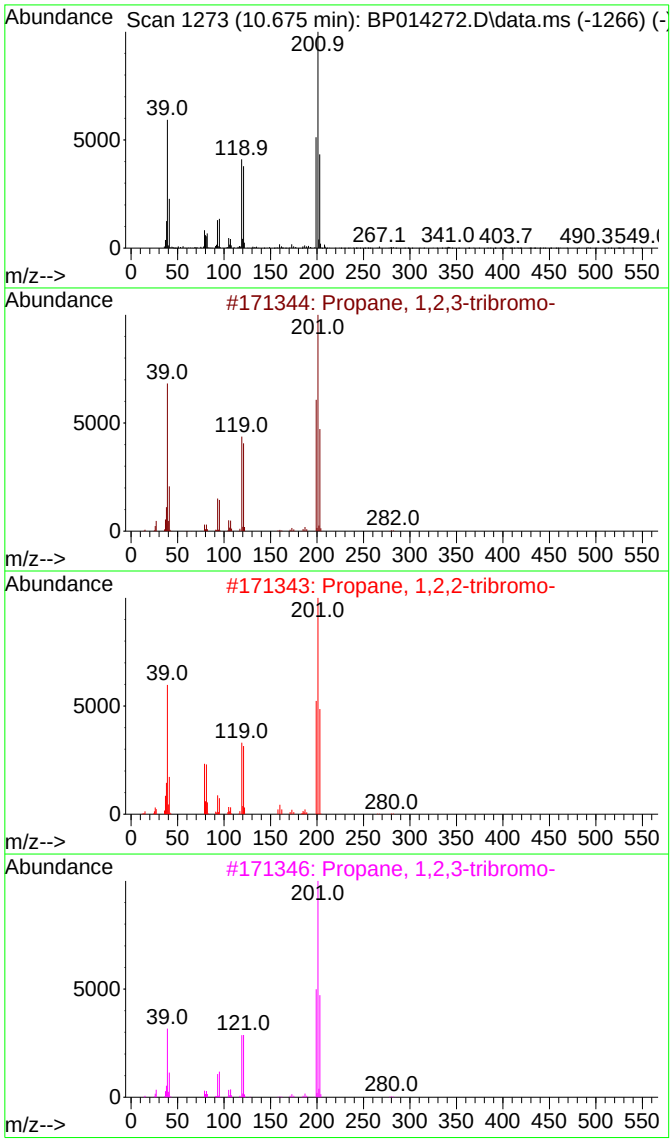
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

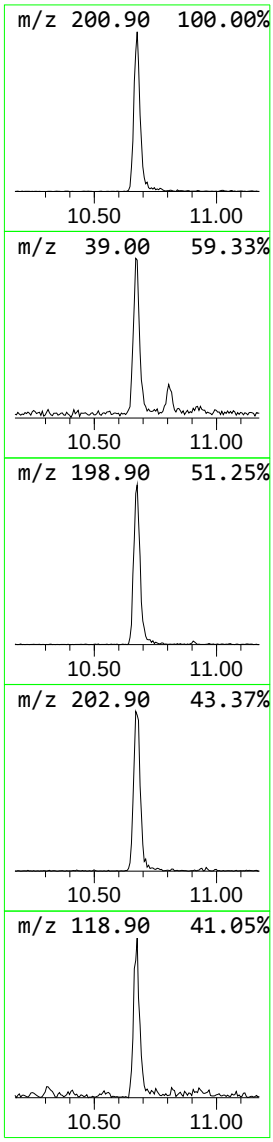
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Propane, 1,2,3-tribromo- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.675	2.66 ng/ul	92638	Naphthalene-d8	10.858

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,2,3-tribromo-	278	C3H5Br3	000096-11-7	98
2	Propane, 1,2,2-tribromo-	278	C3H5Br3	014476-30-3	94
3	Propane, 1,2,3-tribromo-	278	C3H5Br3	000096-11-7	93
4	Propane, 1,2,3-tribromo-	278	C3H5Br3	000096-11-7	83
5	1-Propanol, 2,3-dibromo-, phosph...	692	C9H15Br6O4P	000126-72-7	39





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Sample : 01991-03
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ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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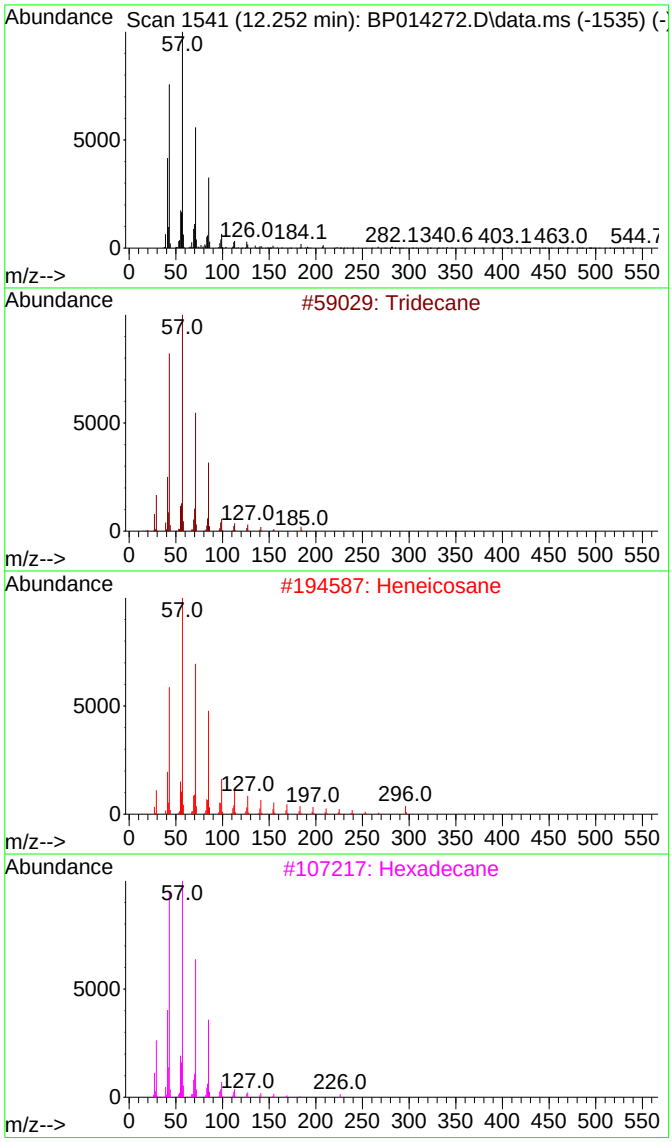
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

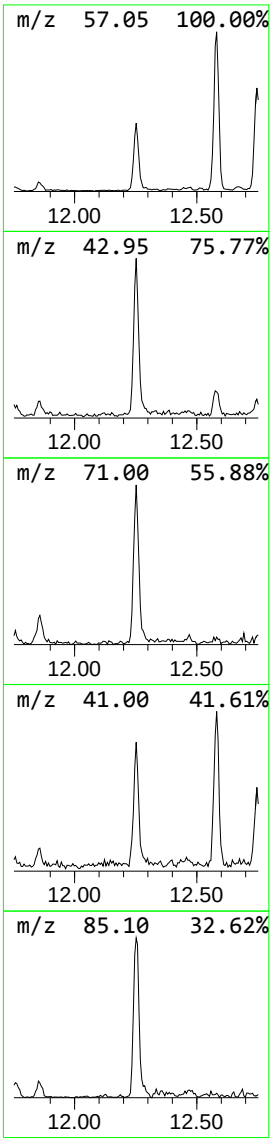
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.252	2.61 ng/ul	91040	Naphthalene-d8	10.858

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	93
2	Heneicosane	296	C21H44	000629-94-7	91
3	Hexadecane	226	C16H34	000544-76-3	90
4	Hexadecane	226	C16H34	000544-76-3	90
5	Tridecane	184	C13H28	000629-50-5	87





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Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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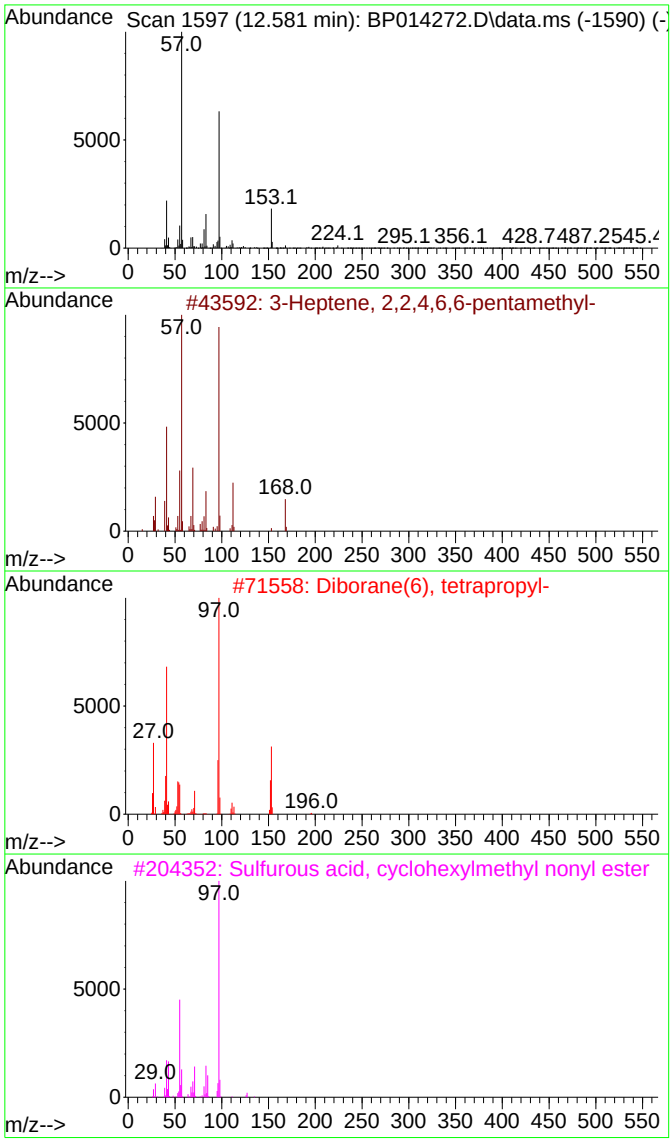
Quant Title : SVOA CALIBRATION

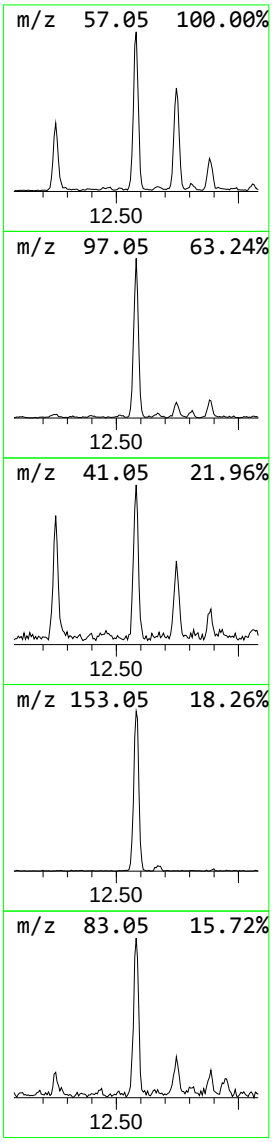
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.581	4.06 ng/ul	141524	Naphthalene-d8	10.858

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Heptene, 2,2,4,6,6-pentamethyl-	168	C12H24	000123-48-8	59
2	Diborane(6), tetrapropyl-	196	C12H30B2	022784-01-6	43
3	Sulfurous acid, cyclohexylmethyl...	304	C16H32O3S	1000309-21-8	38
4	Cyclohexane, (bromomethyl)-	176	C7H13Br	002550-36-9	38
5	Methyl tetratriacontyl ether	509	C35H72O	1000406-30-1	38





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Instrument :
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ClientSampleId :
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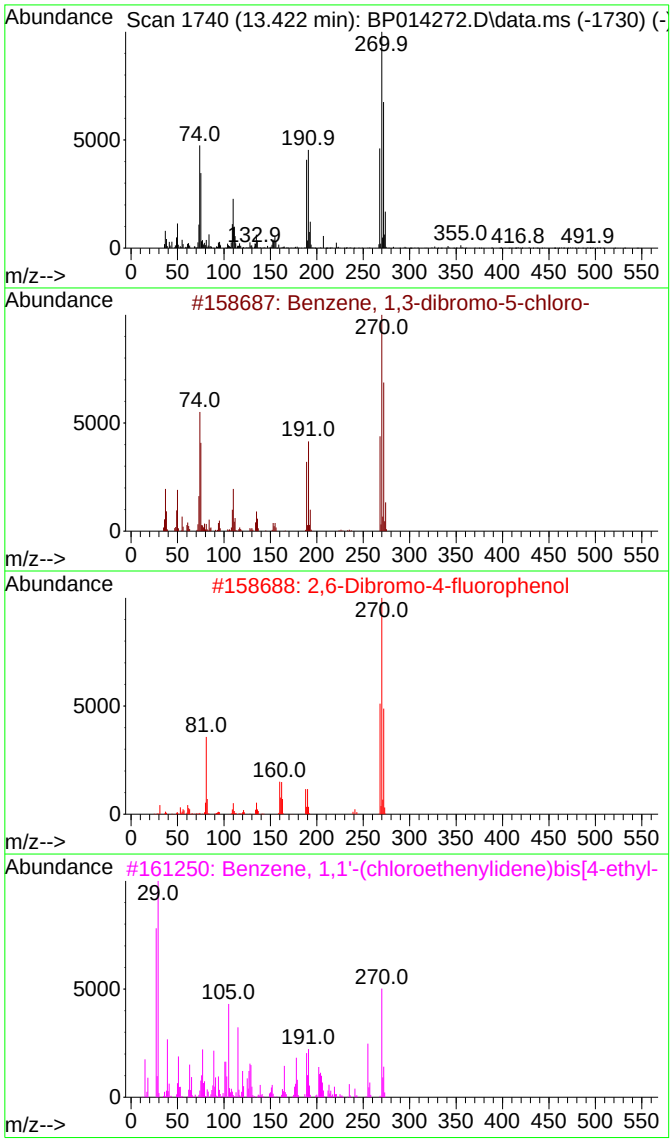
Quant Title : SVOA CALIBRATION

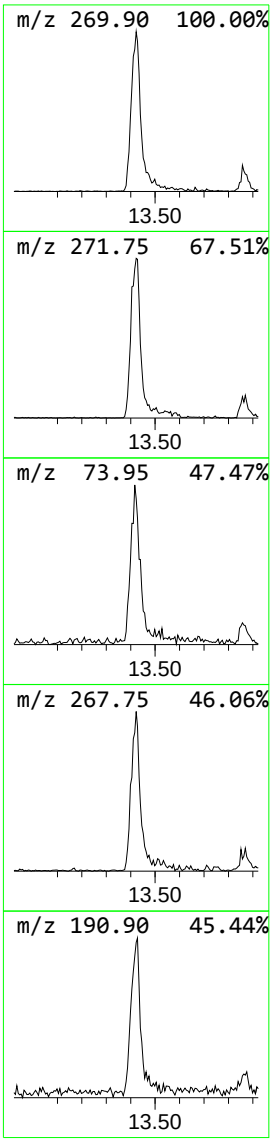
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 1,3-dibromo-5-chloro- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.422	2.04 ng/ul	118354	Acenaphthene-d10	14.681

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dibromo-5-chloro-	268	C6H3Br2Cl	014862-52-3	93
2	2,6-Dibromo-4-fluorophenol	268	C6H3Br2FO	000344-20-7	32
3	Benzene, 1,1'-(chloroethenyliden...	270	C18H19Cl	014720-90-2	25
4	5-Bromo-7-methoxy-1-benzofuran-2...	270	C10H7BrO4	020037-37-0	12
5	5,7-Dichloro-8-[(trimethylsilyl)...	285	C12H13Cl2NOSi	1000408-12-3	12





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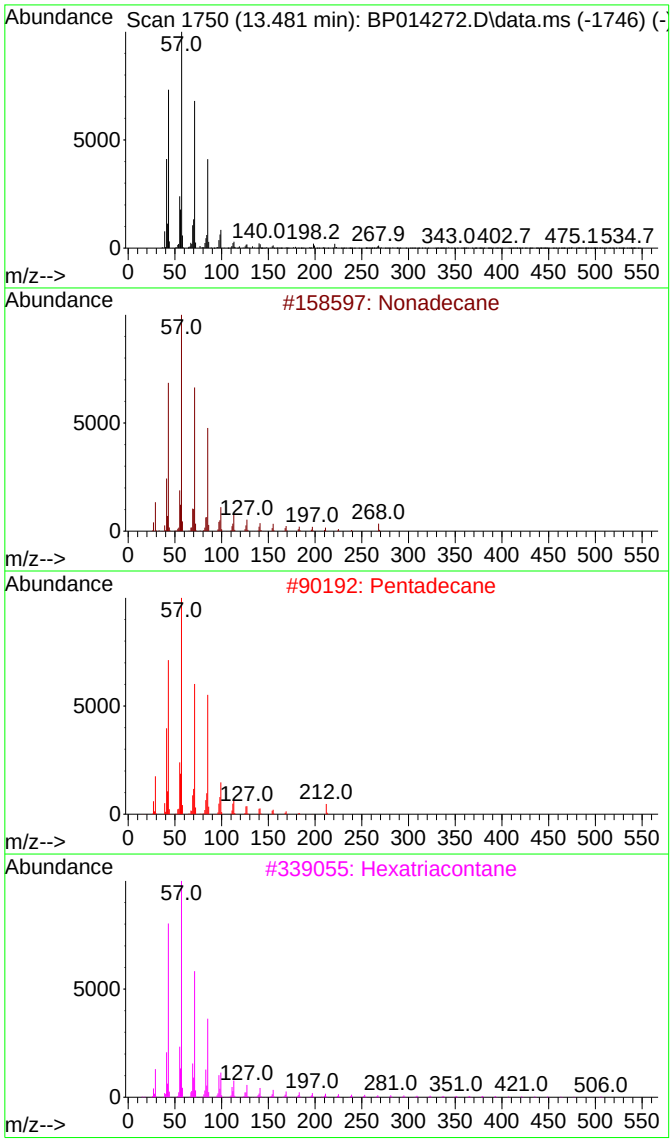
Quant Title : SVOA CALIBRATION

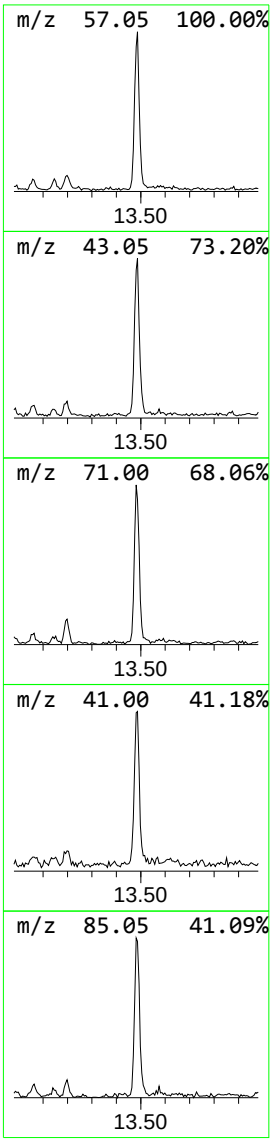
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.481	2.11 ng/ul	122097	Acenaphthene-d10	14.681

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Pentadecane	212	C15H32	000629-62-9	90
3	Hexatriacontane	507	C36H74	000630-06-8	83
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83
5	Tetracosane	338	C24H50	000646-31-1	80





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ALS Vial : 52 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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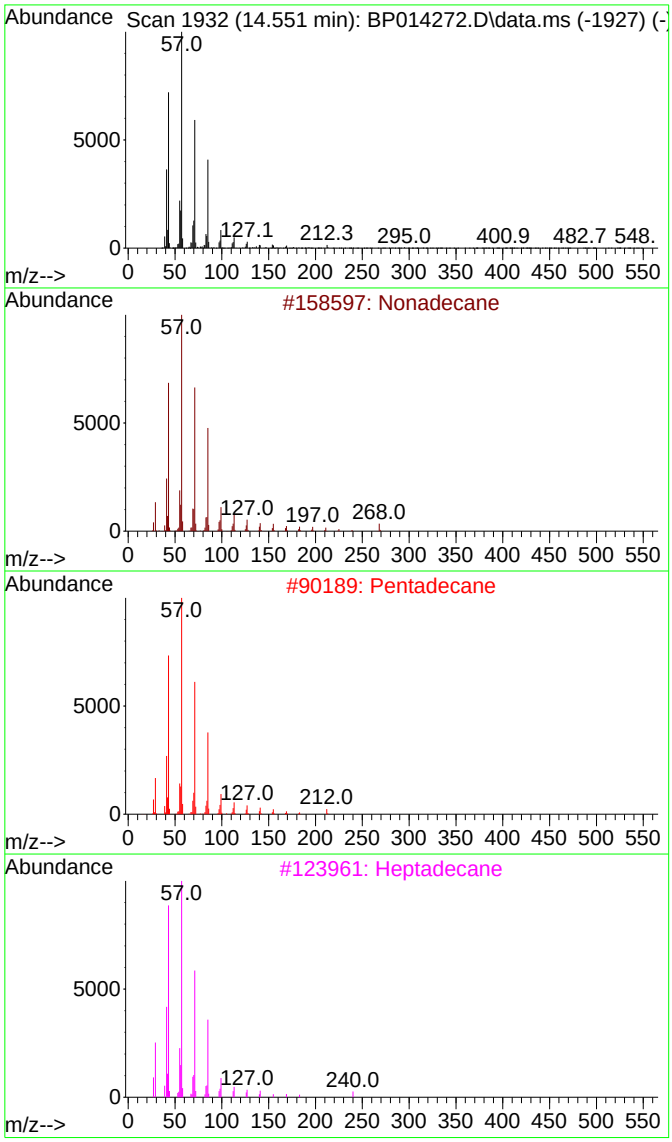
Quant Title : SVOA CALIBRATION

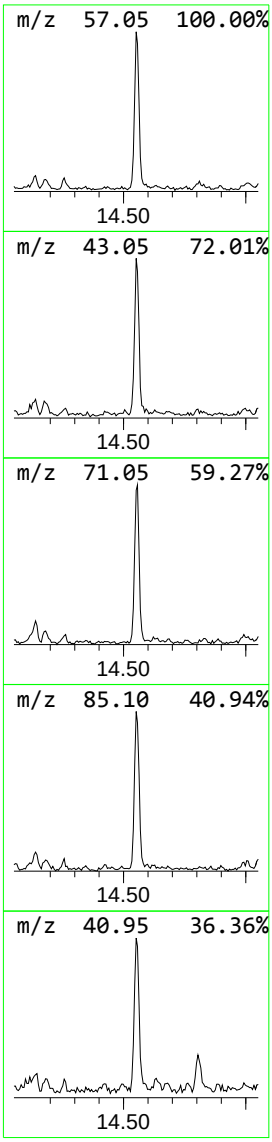
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.551	2.36 ng/ul	136959	Acenaphthene-d10	14.681

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	94
2	Pentadecane	212	C15H32	000629-62-9	90
3	Heptadecane	240	C17H36	000629-78-7	90
4	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	86
5	Hexadecane	226	C16H34	000544-76-3	83





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ALS Vial : 52 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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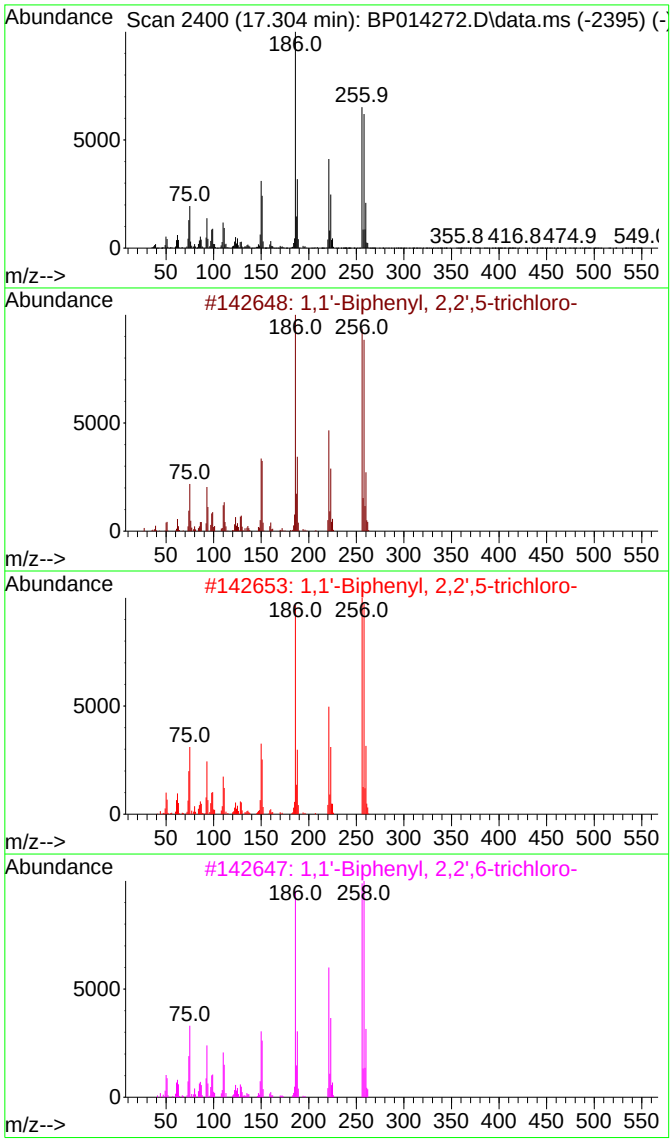
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

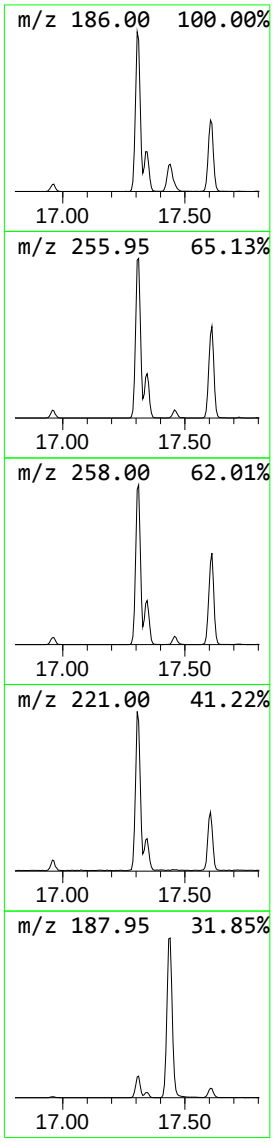
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 1,1'-Biphenyl, 2,2',5-trich... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.304	19.27 ng/ul	1823210	Phenanthrene-d10	17.439

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, 2,2',6-trichloro-	256	C12H7Cl3	038444-73-4	99
4	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	99
5	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99





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Sample : 01991-03
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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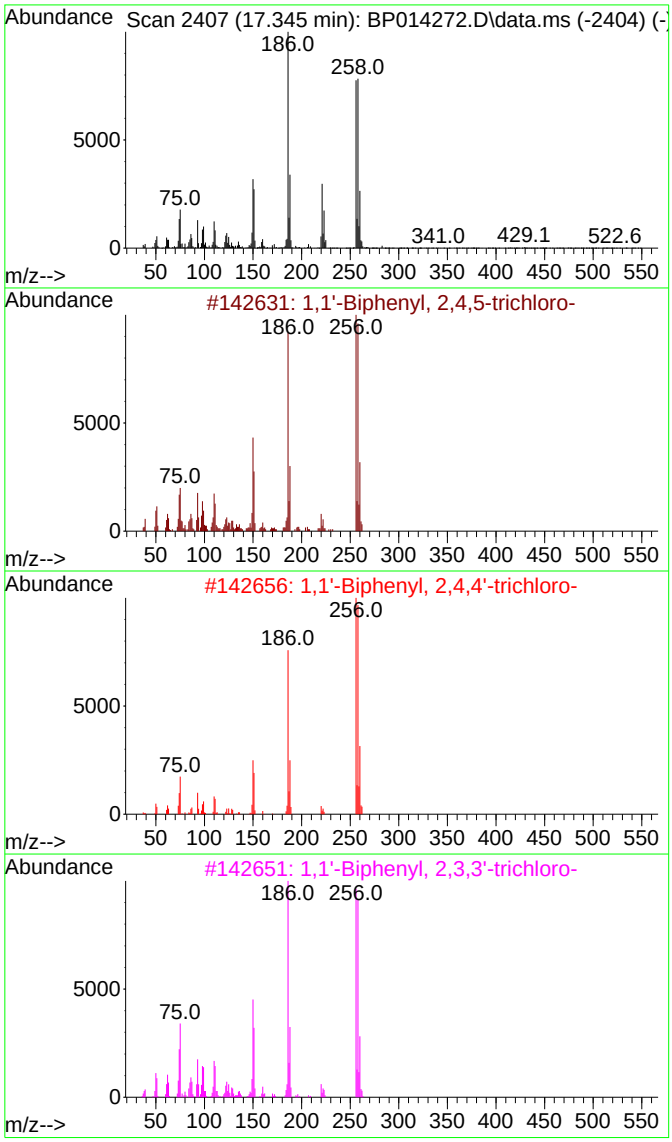
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

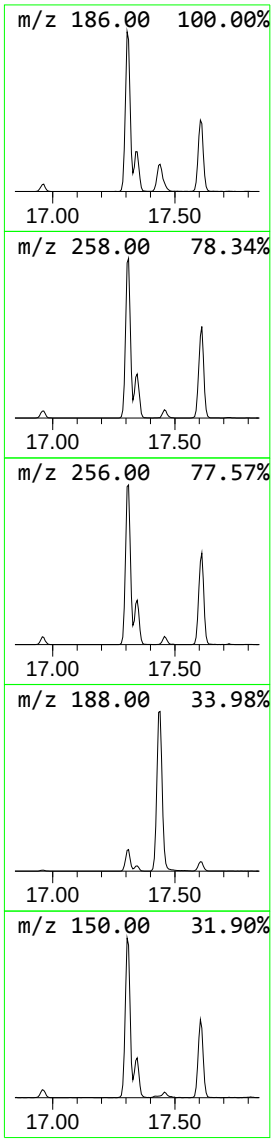
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 1,1'-Biphenyl, 2,4,5-trichl... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.345	4.69 ng/ul	443677	Phenanthrene-d10	17.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4,5-trichloro-	256	C12H7Cl3	015862-07-4	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, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	98
5	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	98





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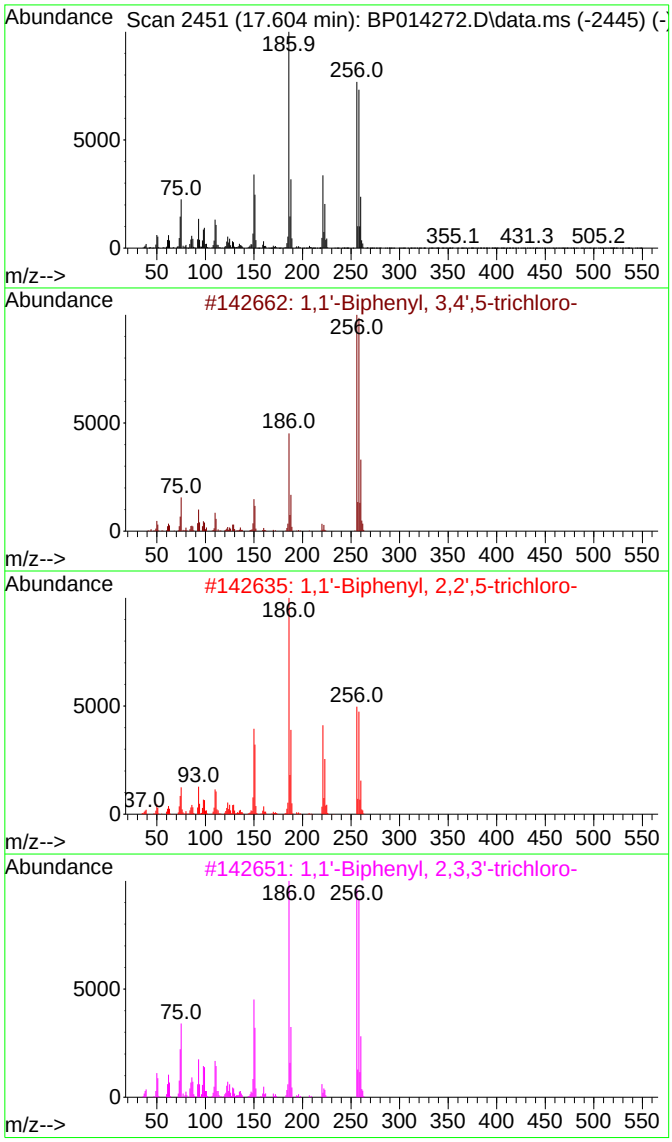
Quant Title : SVOA CALIBRATION

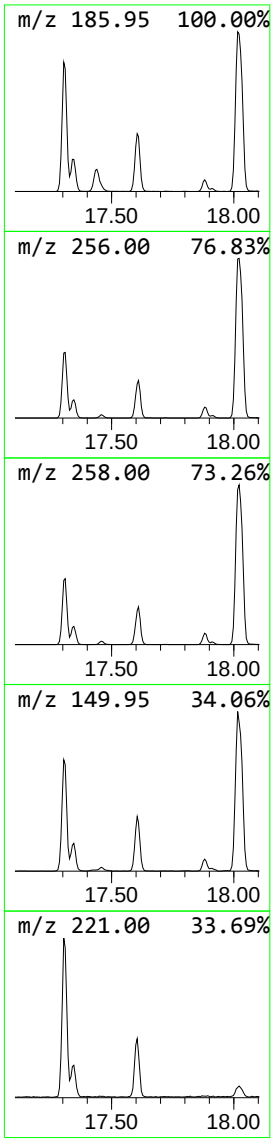
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 1,1'-Biphenyl, 3,4',5-trich... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.604	9.89 ng/ul	935814	Phenanthrene-d10	17.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3,4',5-trichloro-	256	C12H7Cl3	038444-88-1	99
2	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	99
3	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	99
4	1,1'-Biphenyl, 3,3',5-trichloro-	256	C12H7Cl3	038444-87-0	99
5	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	99





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ALS Vial : 52 Sample Multiplier: 1

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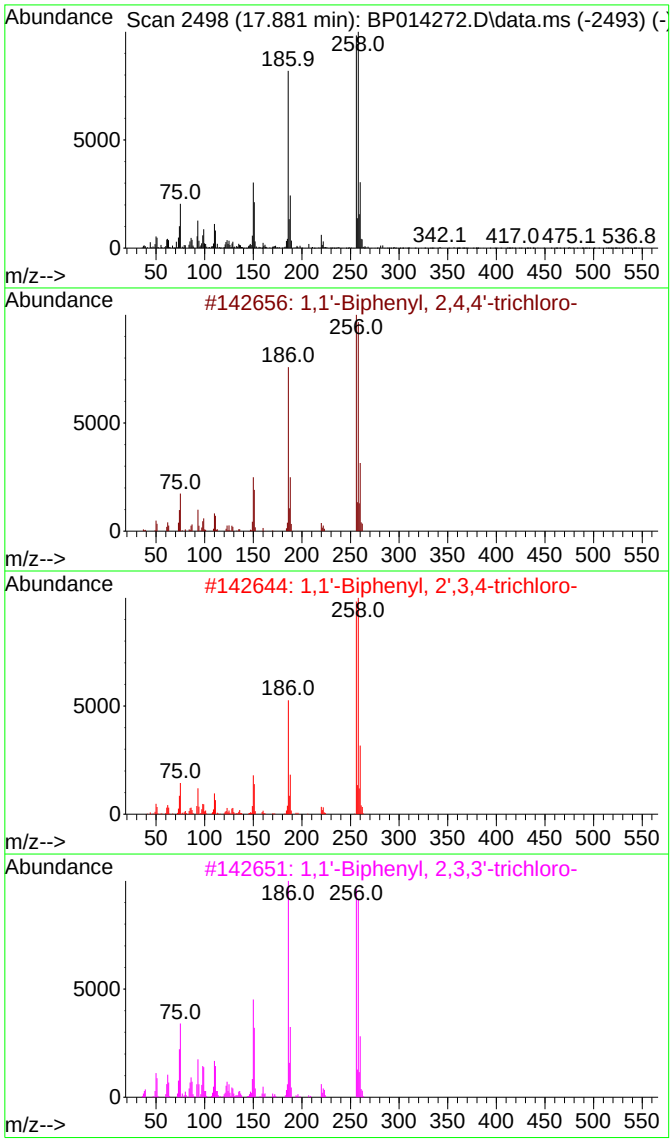
Quant Title : SVOA CALIBRATION

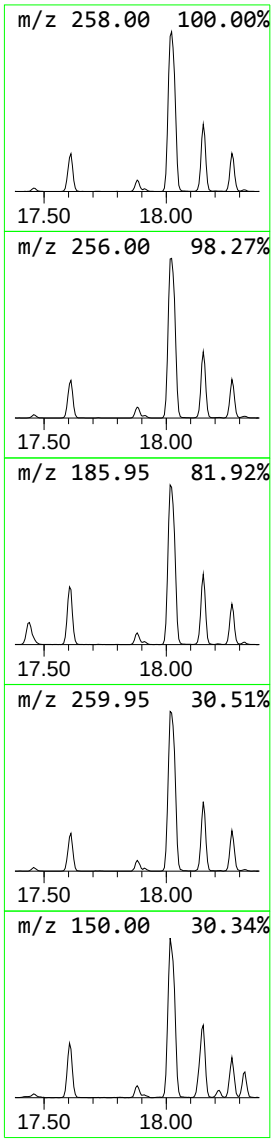
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 1,1'-Biphenyl, 2,4,4'-trich... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.881	2.26 ng/ul	213882	Phenanthrene-d10	17.439

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, 3,4',5-trichloro-	256	C12H7Cl3	038444-88-1	99
5	1,1'-Biphenyl, 3,3',5-trichloro-	256	C12H7Cl3	038444-87-0	99





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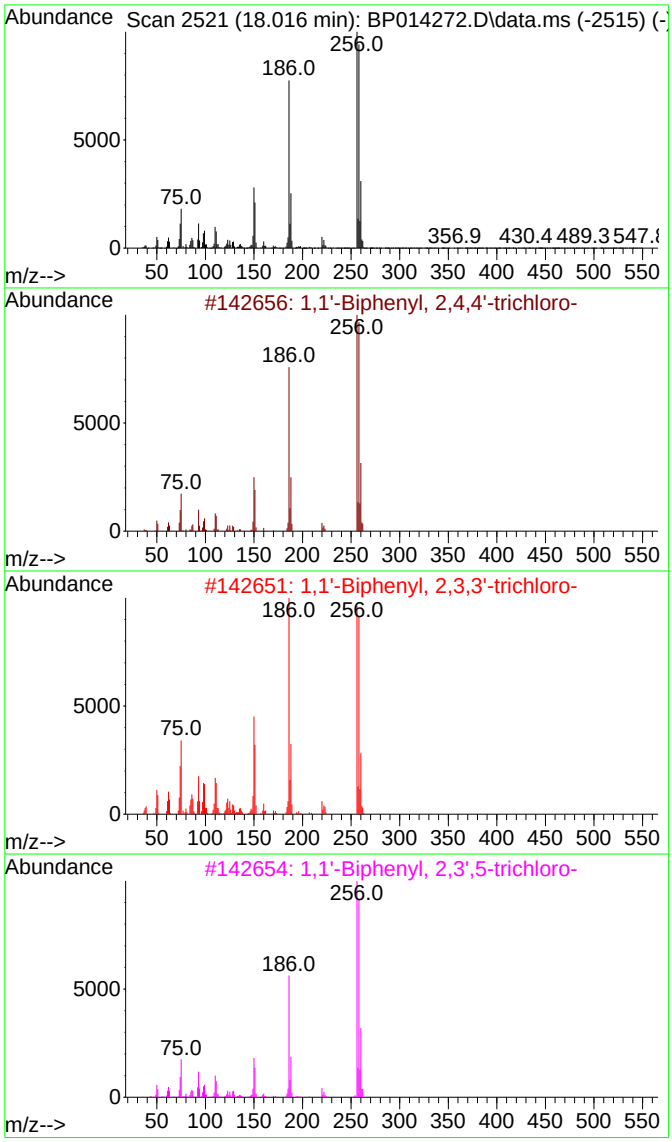
Quant Title : SVOA CALIBRATION

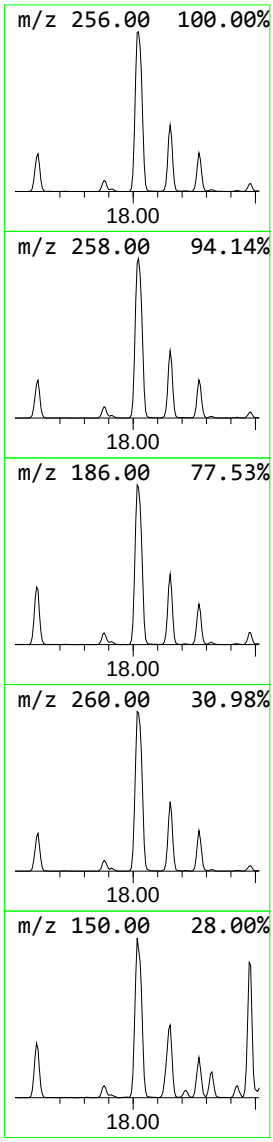
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 1,1'-Biphenyl, 2,3,3'-trich... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.016	40.61 ng/ul	3842970	Phenanthrene-d10	17.439

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	99
4	1,1'-Biphenyl, 3,4',5-trichloro-	256	C12H7Cl3	038444-88-1	99
5	1,1'-Biphenyl, 3,3',5-trichloro-	256	C12H7Cl3	038444-87-0	99





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Acq On : 23 Mar 2023 23:51
Operator : CG/JU
Sample : 01991-03
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E0279

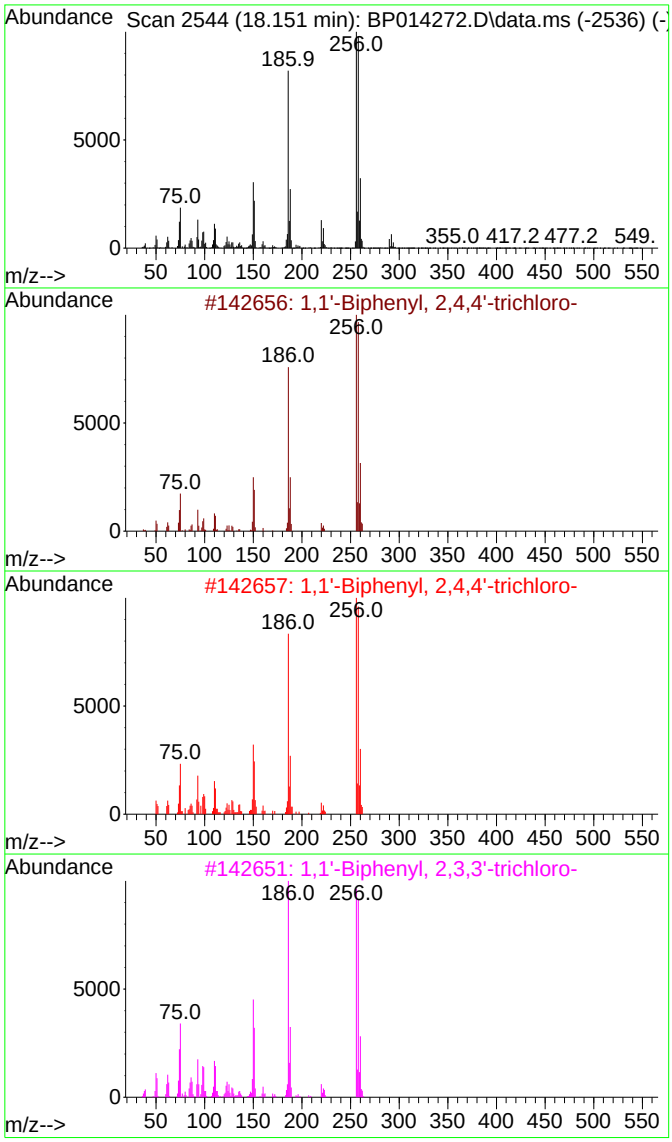
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

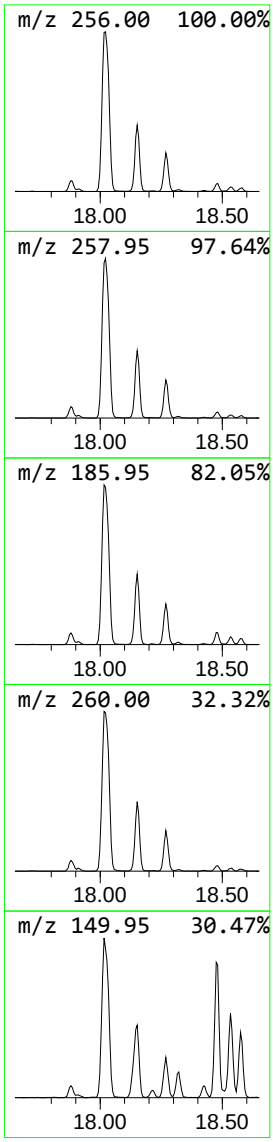
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 1,1'-Biphenyl, 2,3',5-trich... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.151	16.26 ng/ul	1538260	Phenanthrene-d10	17.439

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





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Acq On : 23 Mar 2023 23:51
Operator : CG/JU
Sample : 01991-03
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E0279

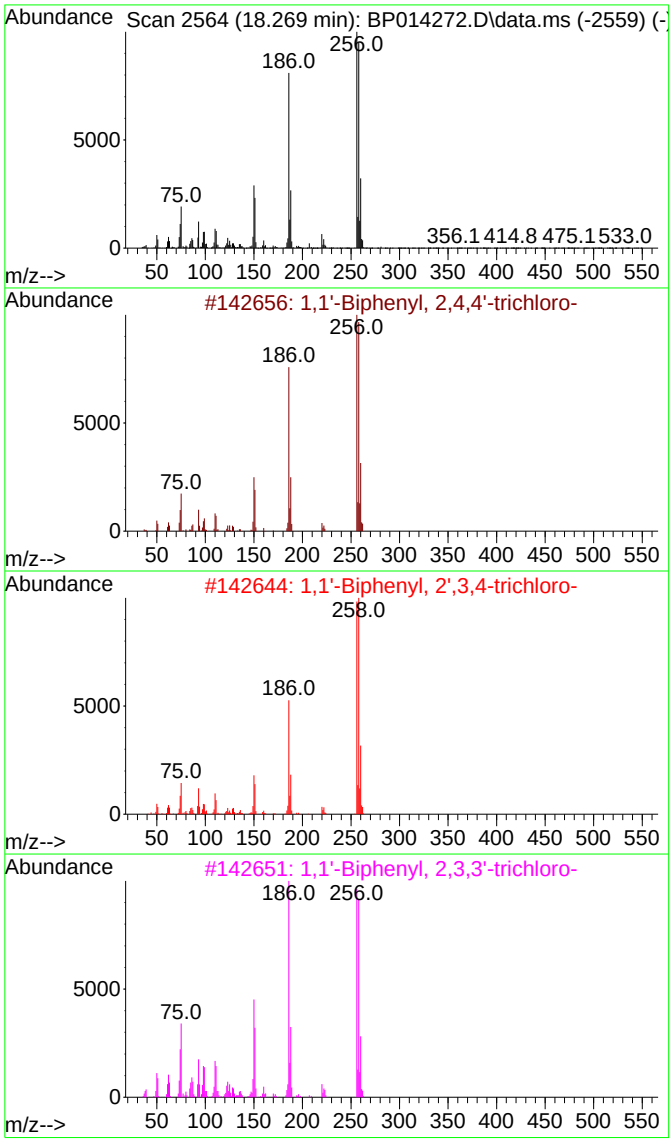
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

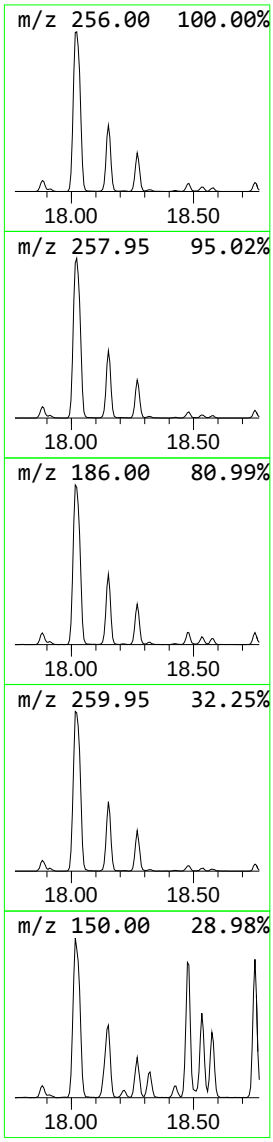
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 1,1'-Biphenyl, 2',3,4-trich... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.269	6.57 ng/ul	621405	Phenanthrene-d10	17.439

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





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Acq On : 23 Mar 2023 23:51
Operator : CG/JU
Sample : 01991-03
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E0279

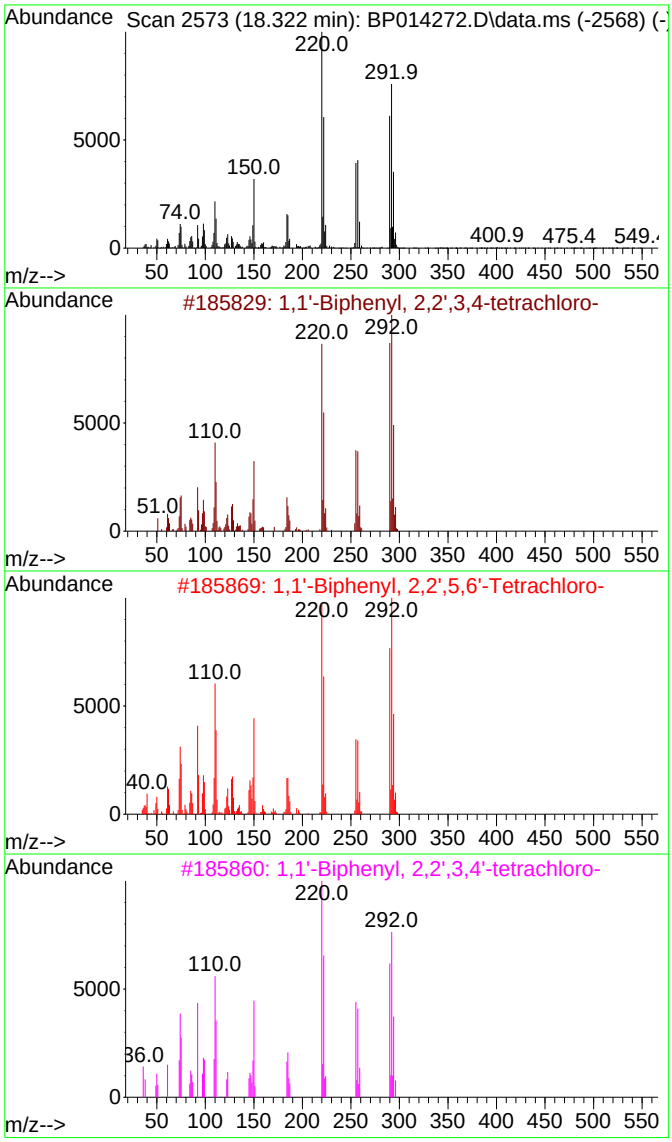
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

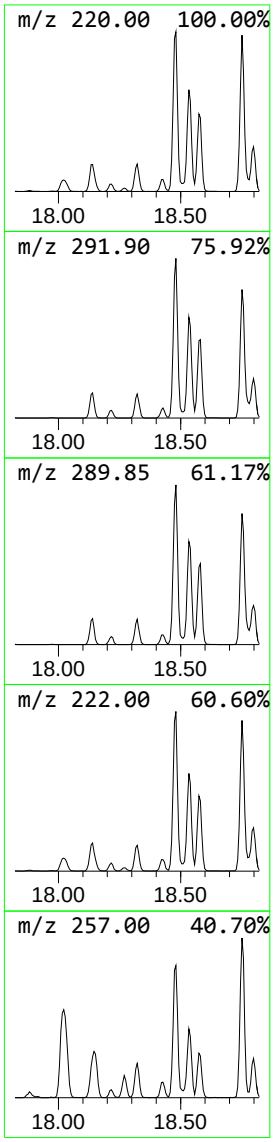
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 1,1'-Biphenyl, 2,2',3,4-tet... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.322	5.29 ng/ul	500463	Phenanthrene-d10	17.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4-tetrachl...	290	C12H6Cl4	052663-59-9	99
2	1,1'-Biphenyl, 2,2',5,6'-Tetrach...	290	C12H6Cl4	041464-41-9	99
3	1,1'-Biphenyl, 2,2',3,4'-tetrach...	290	C12H6Cl4	036559-22-5	99
4	1,1'-Biphenyl, 2,2',3,6'-tetrach...	290	C12H6Cl4	041464-47-5	99
5	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99





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Acq On : 23 Mar 2023 23:51
Operator : CG/JU
Sample : 01991-03
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E0279

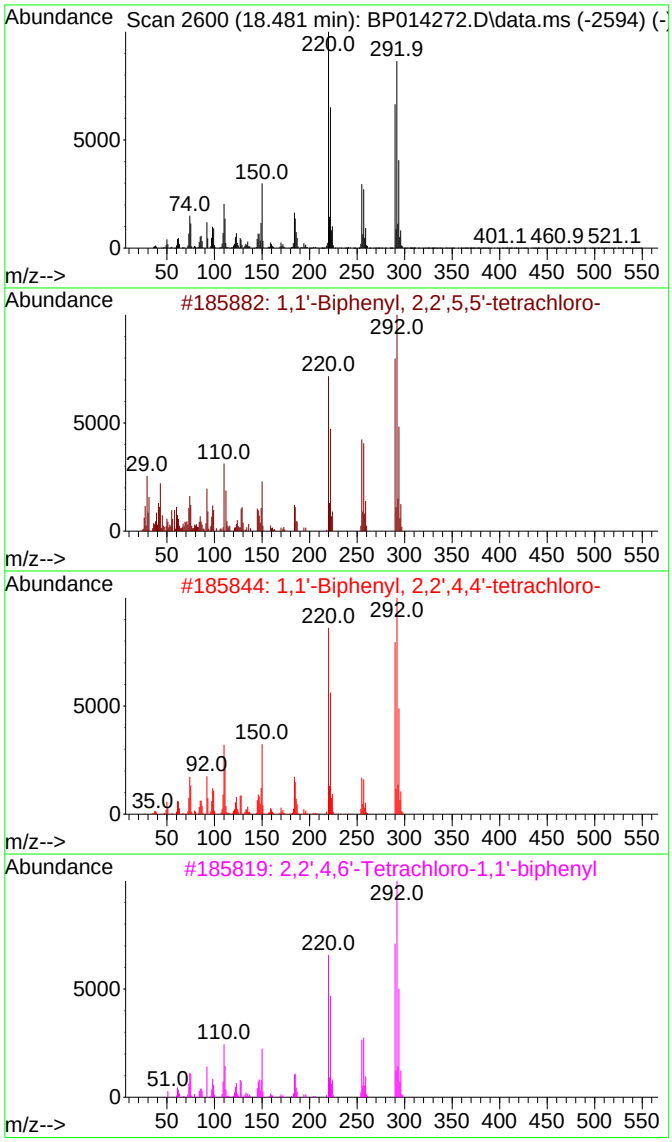
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

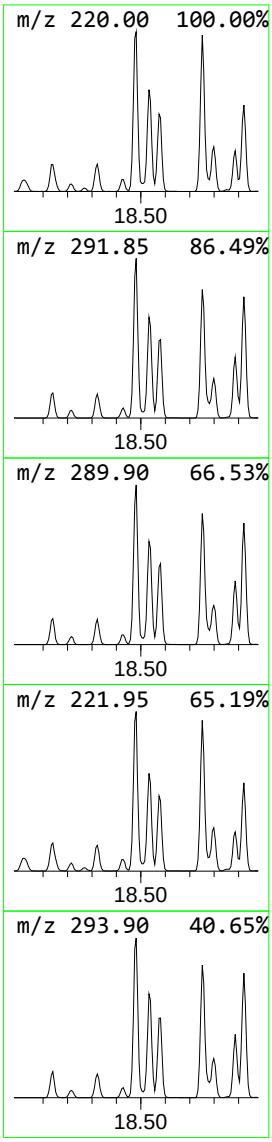
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 1,1'-Biphenyl, 2,2',5,5'-te... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.481	28.36 ng/ul	2683300	Phenanthrene-d10	17.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	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	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99





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Sample : 01991-03
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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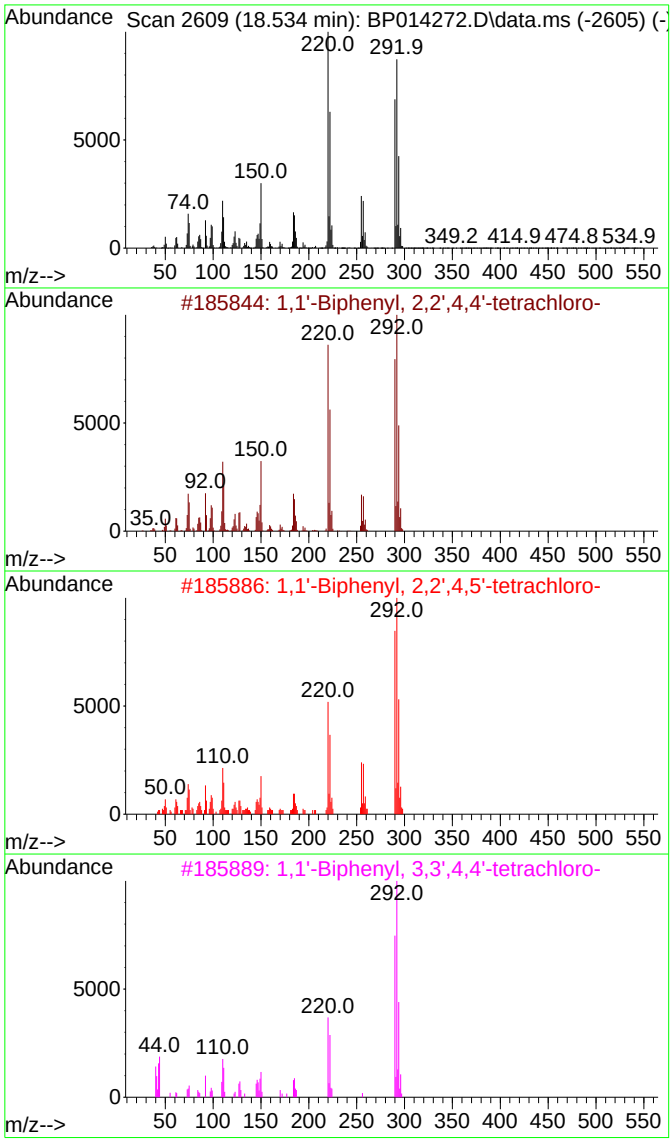
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

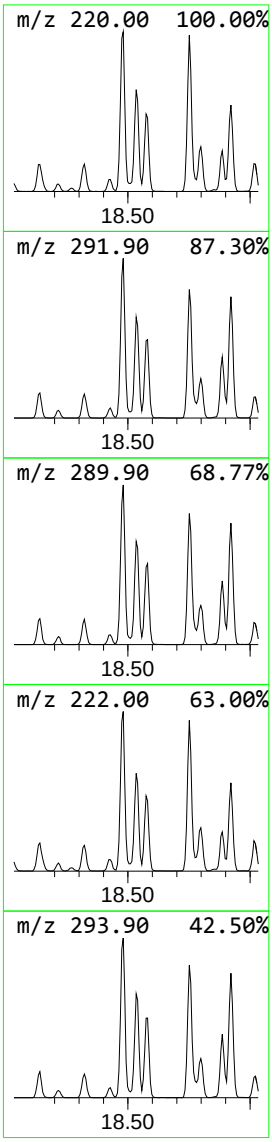
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 1,1'-Biphenyl, 2,2',4,4'-te... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.534	17.50 ng/ul	1655690	Phenanthrene-d10	17.439

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	1,1'-Biphenyl, 3,3',4,4'-tetrach...	290	C12H6Cl4	032598-13-3	99
4	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99
5	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99





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Operator : CG/JU
Sample : 01991-03
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E0279

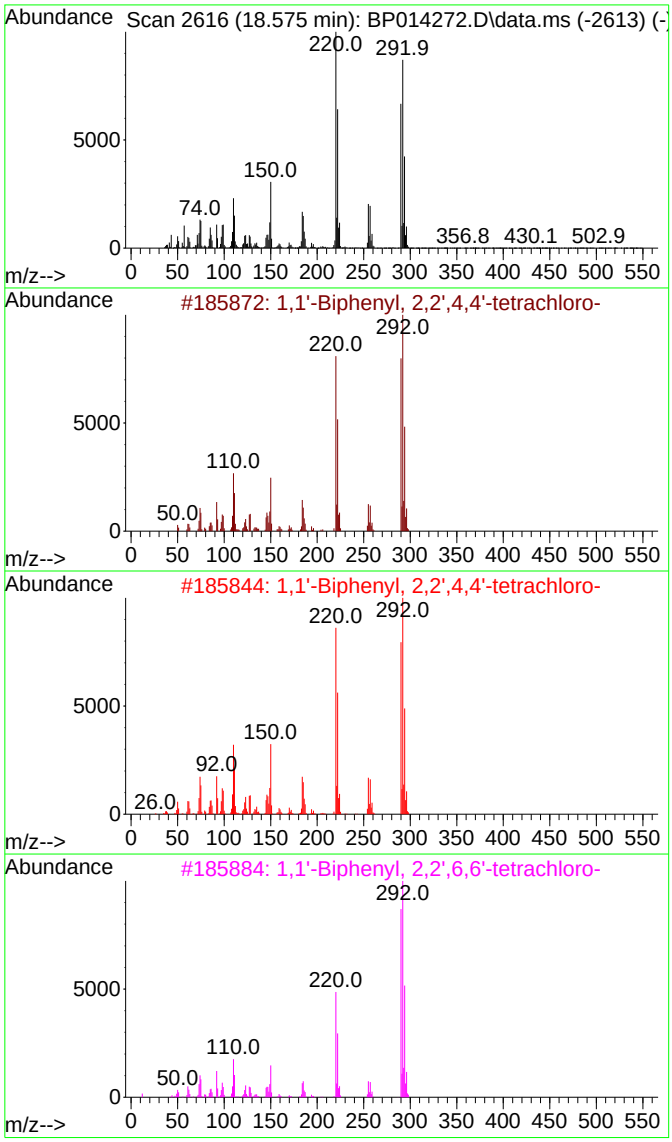
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

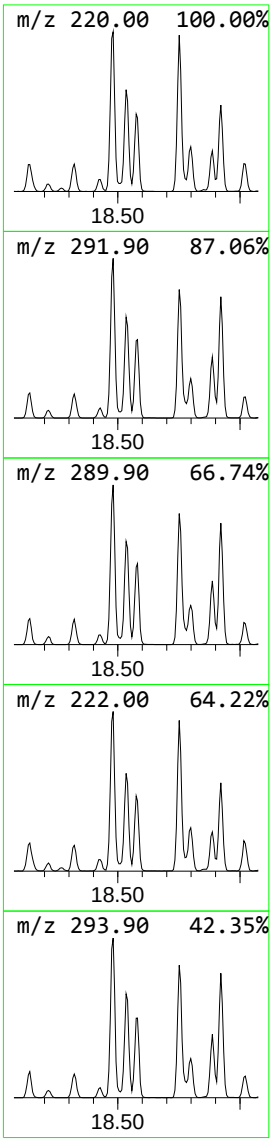
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 1,1'-Biphenyl, 2,2',6,6'-te... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.575	13.59 ng/ul	1285690	Phenanthrene-d10	17.439

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',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
3	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
4	2,3,3',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-33-6	99
5	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	99





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Operator : CG/JU
Sample : 01991-03
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E0279

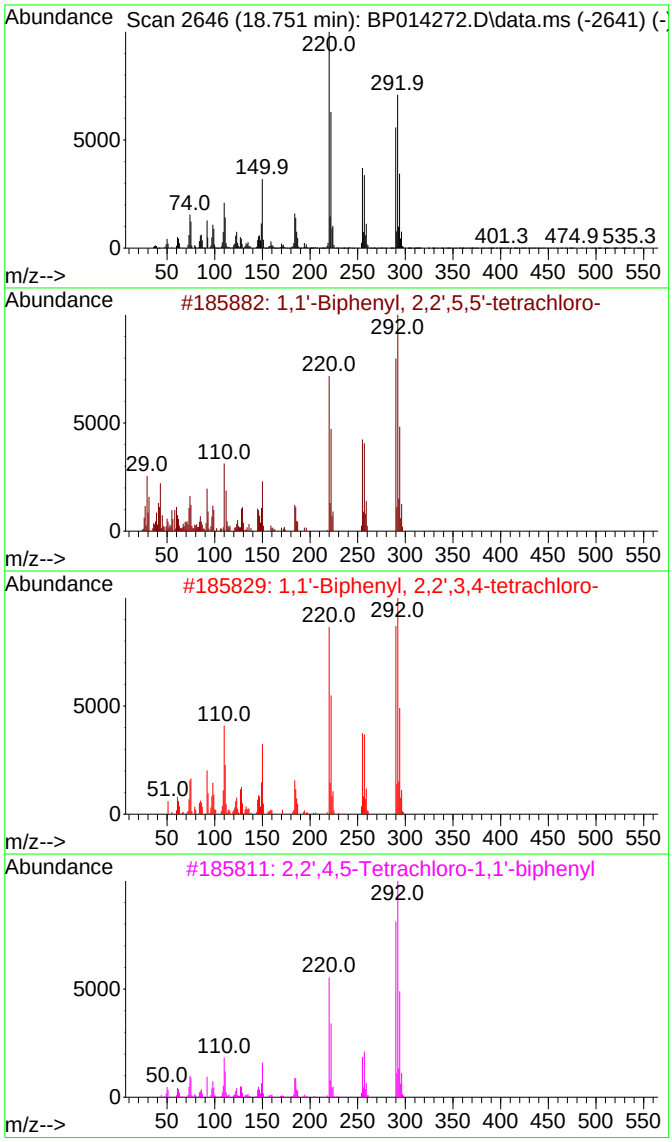
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

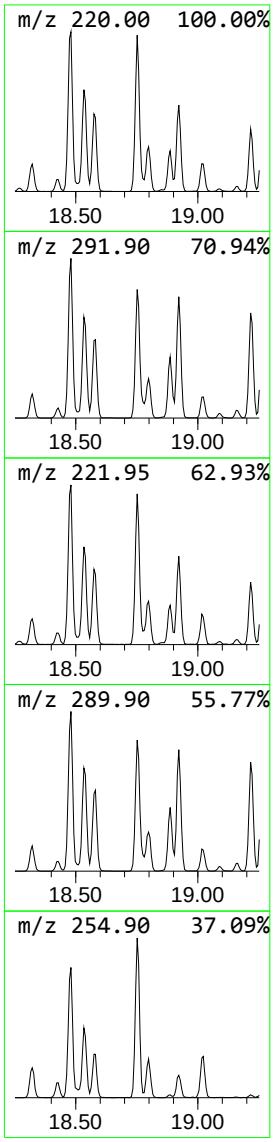
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 2,2',4,5-Tetrachloro-1,1'-b... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.751	26.37 ng/ul	2495210	Phenanthrene-d10	17.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	99
2	1,1'-Biphenyl, 2,2',3,4-tetrachl...	290	C12H6Cl4	052663-59-9	99
3	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99
4	1,1'-Biphenyl, 2,2',3,5'-tetrach...	290	C12H6Cl4	041464-39-5	99
5	1,1'-Biphenyl, 2,2',5,6'-Tetrach...	290	C12H6Cl4	041464-41-9	99





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Acq On : 23 Mar 2023 23:51
Operator : CG/JU
Sample : 01991-03
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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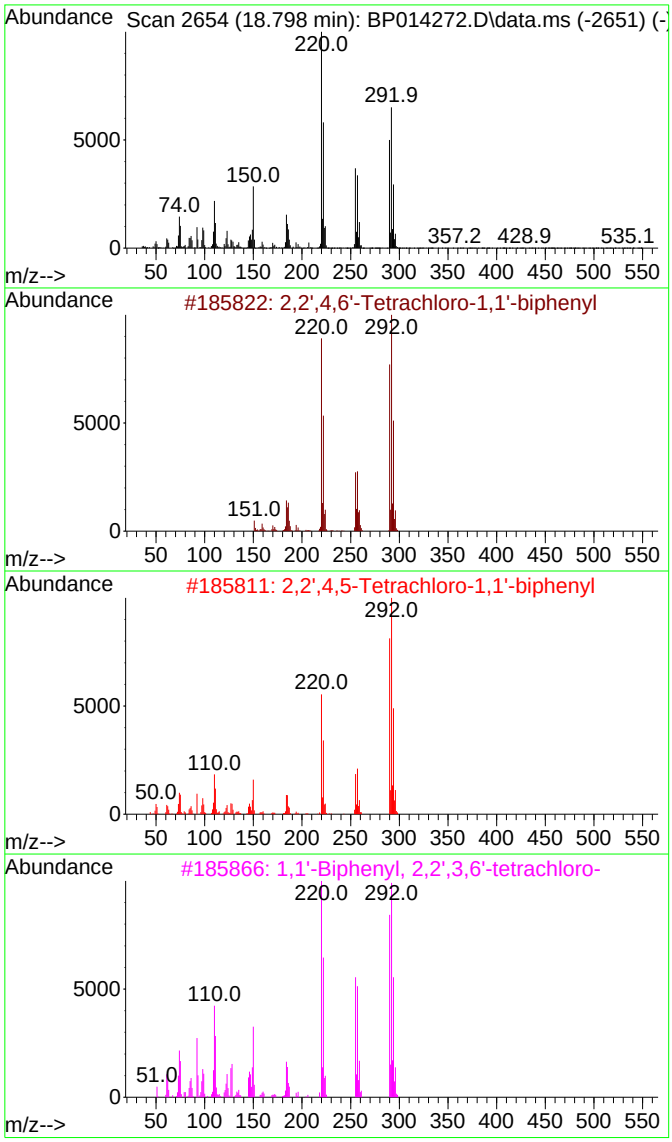
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

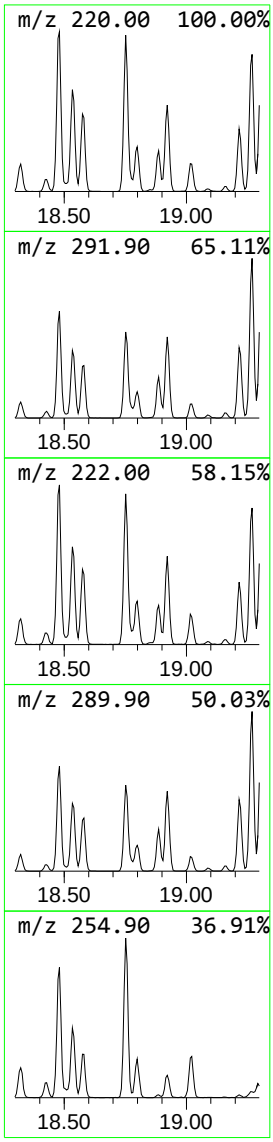
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 2,2',4,6'-Tetrachloro-1,1'-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.798	7.32 ng/ul	692758	Phenanthrene-d10	17.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',4,6'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	068194-04-7	99
2	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99
3	1,1'-Biphenyl, 2,2',3,6'-tetrach...	290	C12H6Cl4	041464-47-5	99
4	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
5	1,1'-Biphenyl, 2,2',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	99





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Acq On : 23 Mar 2023 23:51
Operator : CG/JU
Sample : 01991-03
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E0279

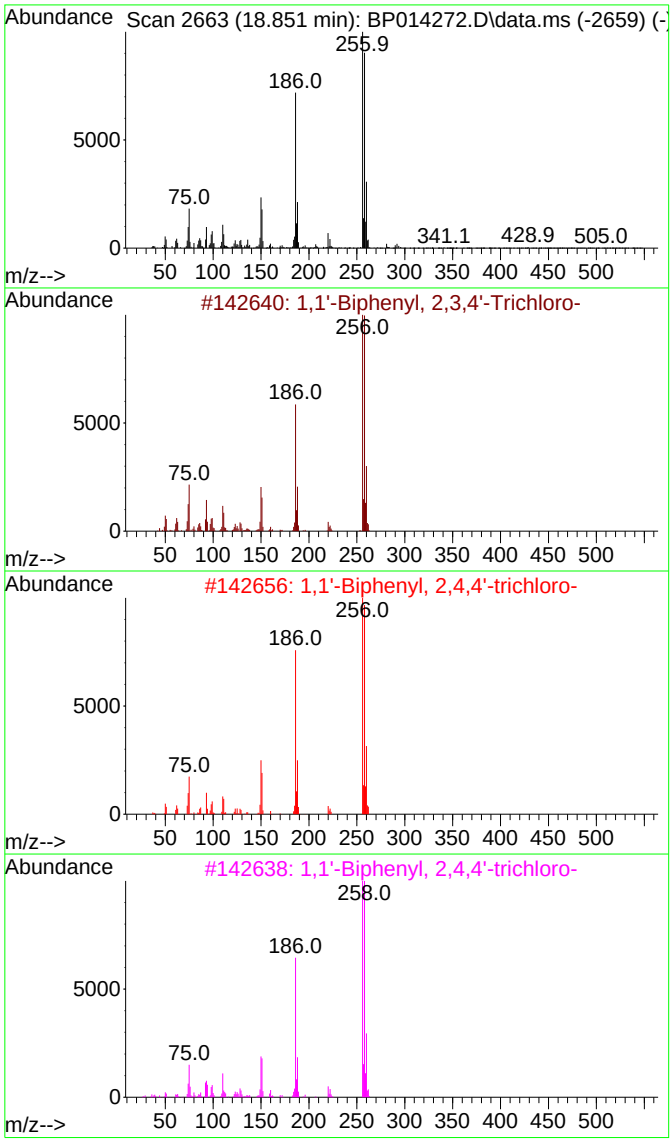
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

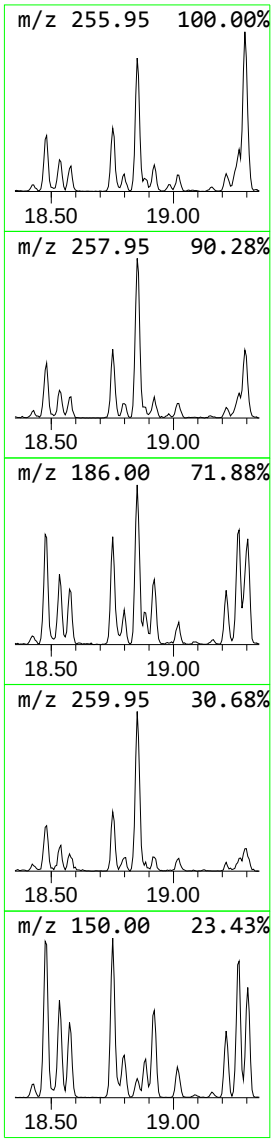
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 unknown-01 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.851	3.29 ng/ul	310923	Phenanthrene-d10	17.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,4'-Trichloro-	256	C12H7Cl3	038444-85-8	99
2	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99
3	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99
4	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	99
5	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	99





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Operator : CG/JU
Sample : 01991-03
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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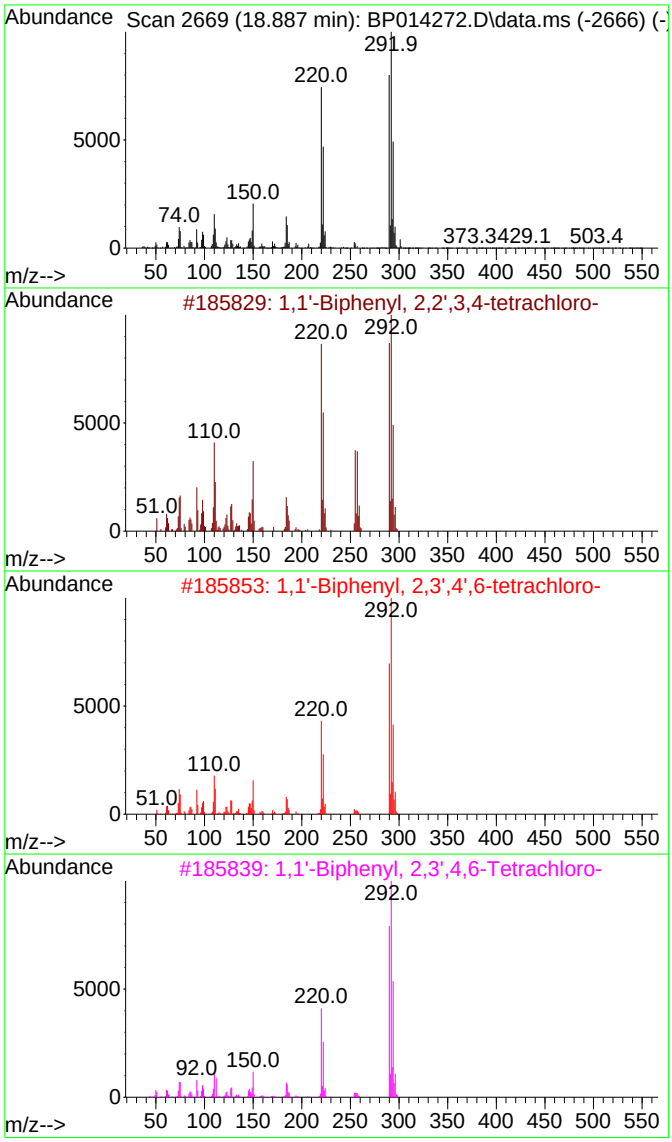
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

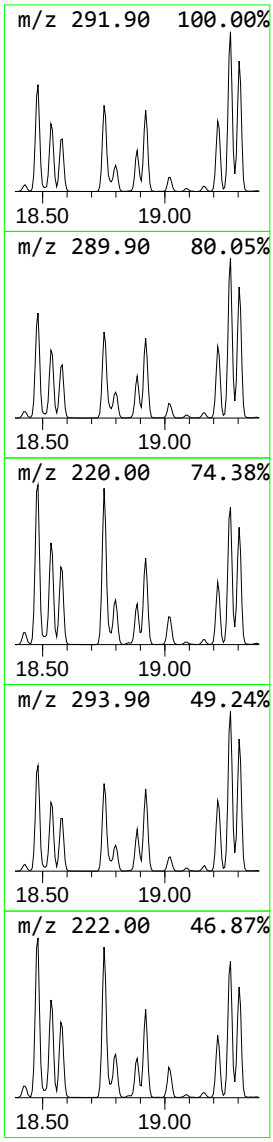
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 1,1'-Biphenyl, 2,3',4',6-te... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.887	7.96 ng/ul	753272	Phenanthrene-d10	17.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4-tetrachl...	290	C12H6Cl4	052663-59-9	99
2	1,1'-Biphenyl, 2,3',4',6-tetrach...	290	C12H6Cl4	041464-46-4	99
3	1,1'-Biphenyl, 2,3',4,6-Tetrachl...	290	C12H6Cl4	060233-24-1	99
4	1,1'-Biphenyl, 2,2',5,6'-Tetrach...	290	C12H6Cl4	041464-41-9	99
5	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	98





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032223\
Data File : BP014272.D
Acq On : 23 Mar 2023 23:51
Operator : CG/JU
Sample : 01991-03
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E0279

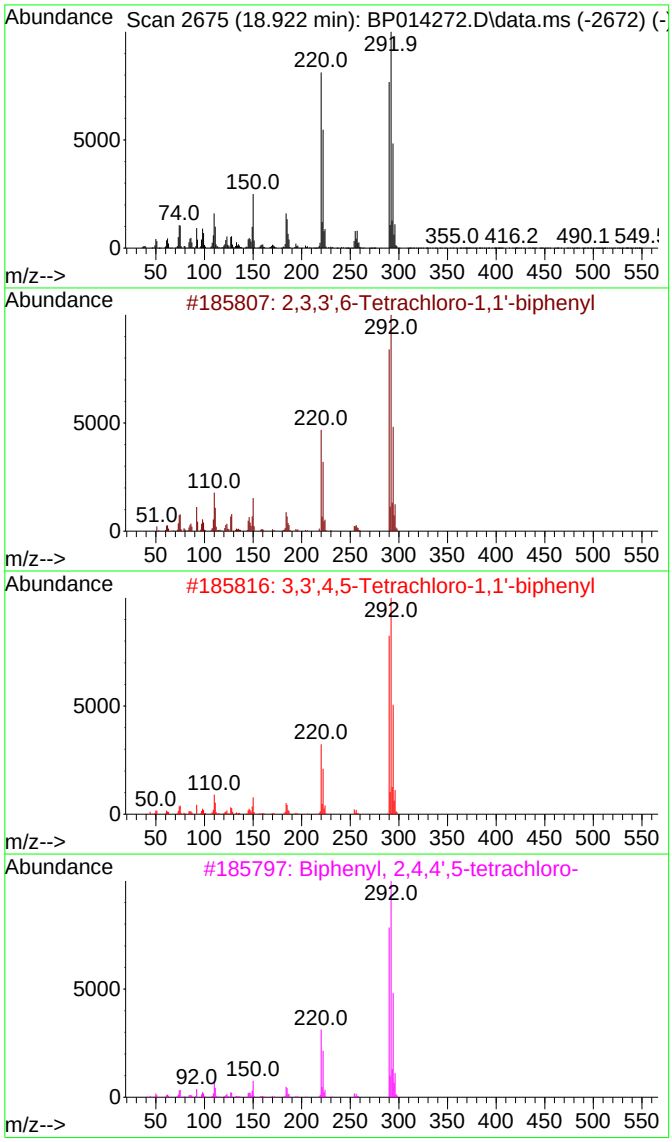
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

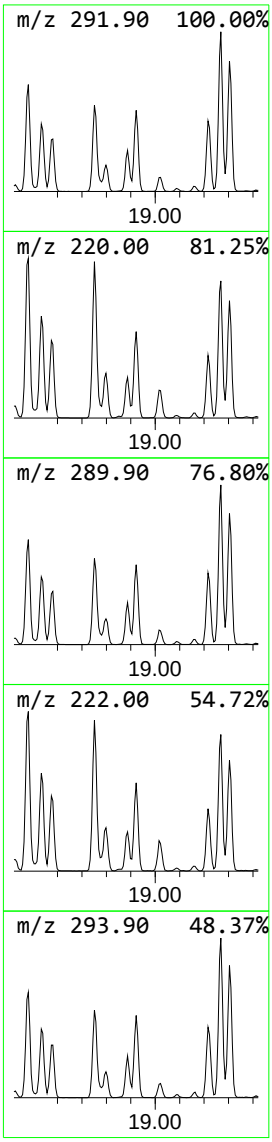
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 2,3,3',6-Tetrachloro-1,1'-b... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.922	15.25 ng/ul	1442810	Phenanthrene-d10	17.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-33-6	99
2	3,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-49-1	99
3	Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	99
4	1,1'-Biphenyl, 3,3',5,5'-tetrach...	290	C12H6Cl4	033284-52-5	99
5	1,1'-Biphenyl, 2,3,3',4'-tetrach...	290	C12H6Cl4	041464-43-1	99





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Data File : BP014272.D
Acq On : 23 Mar 2023 23:51
Operator : CG/JU
Sample : 01991-03
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E0279

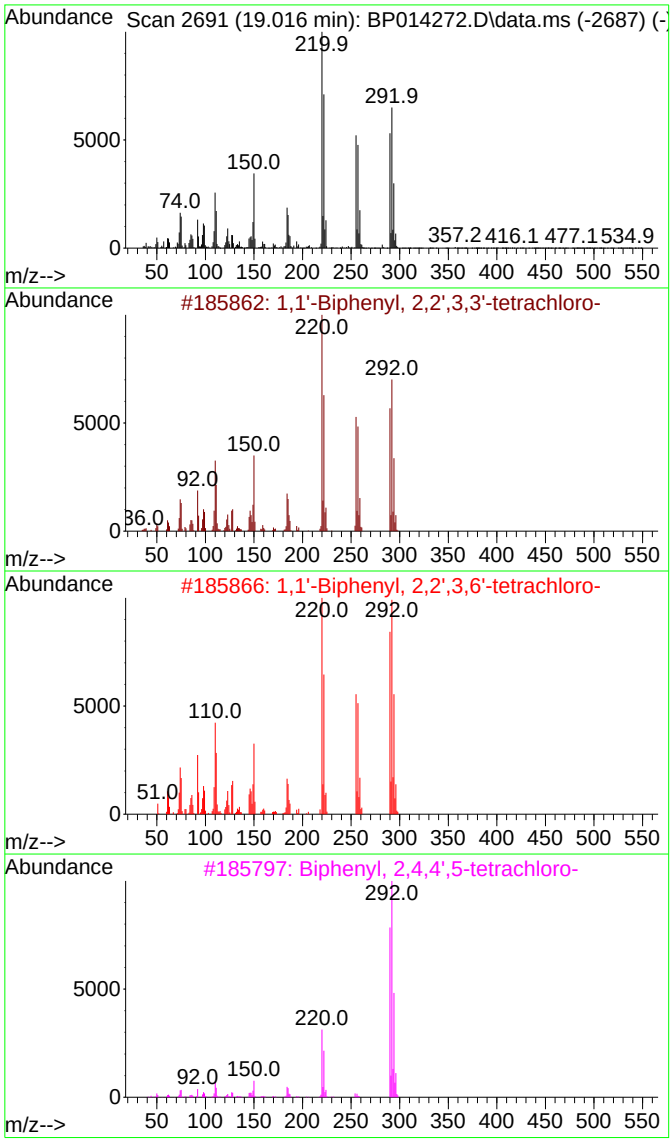
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

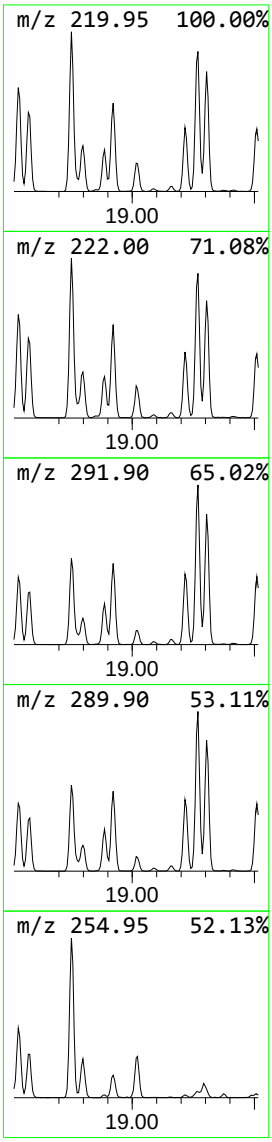
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 1,1'-Biphenyl, 2,2',3,3'-te... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.016	6.76 ng/ul	639693	Phenanthrene-d10	17.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3'-tetrach...	290	C12H6Cl4	038444-93-8	99
2	1,1'-Biphenyl, 2,2',3,6'-tetrach...	290	C12H6Cl4	041464-47-5	99
3	Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	99
4	3,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-49-1	99
5	1,1'-Biphenyl, 2,2',3,5'-tetrach...	290	C12H6Cl4	041464-39-5	99





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Acq On : 23 Mar 2023 23:51
Operator : CG/JU
Sample : 01991-03
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E0279

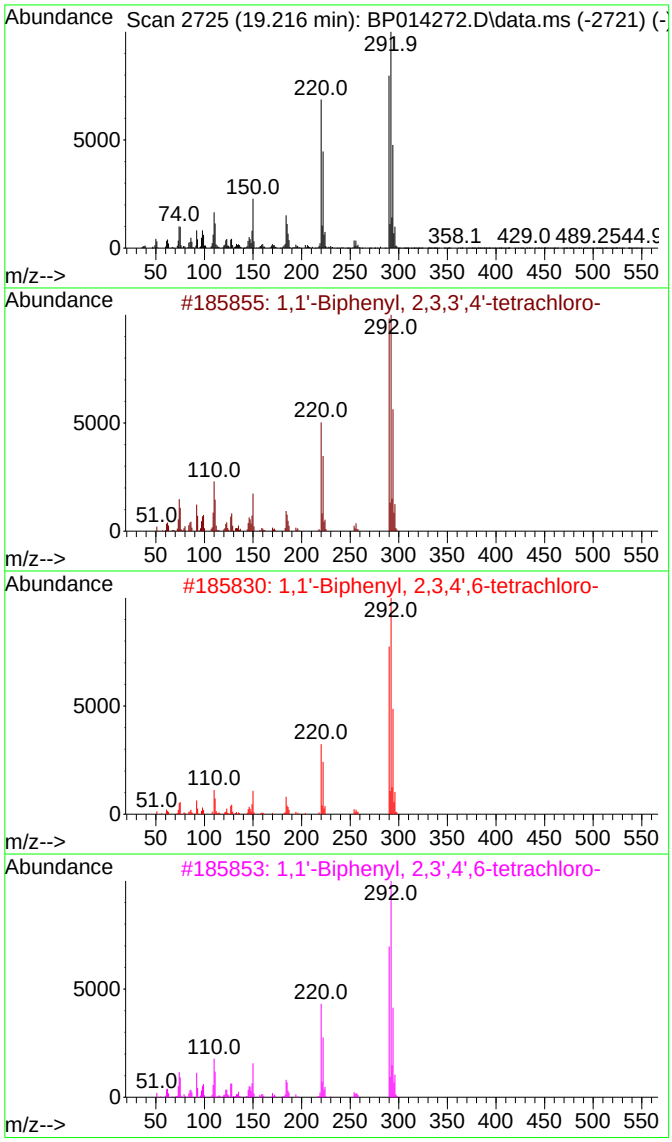
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

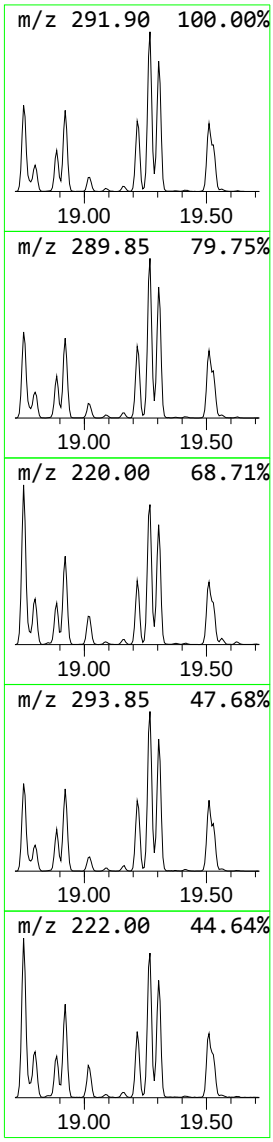
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 1,1'-Biphenyl, 2,3,3',4'-te... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.216	12.48 ng/ul	1181170	Phenanthrene-d10	17.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4'-tetrach...	290	C12H6Cl4	041464-43-1	99
2	1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	99
3	1,1'-Biphenyl, 2,3',4',6-tetrach...	290	C12H6Cl4	041464-46-4	99
4	2,3',4',5'-Tetrachloro-1,1'-biph...	290	C12H6Cl4	070362-48-0	99
5	2,3,3',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-33-6	99





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Acq On : 23 Mar 2023 23:51
Operator : CG/JU
Sample : 01991-03
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E0279

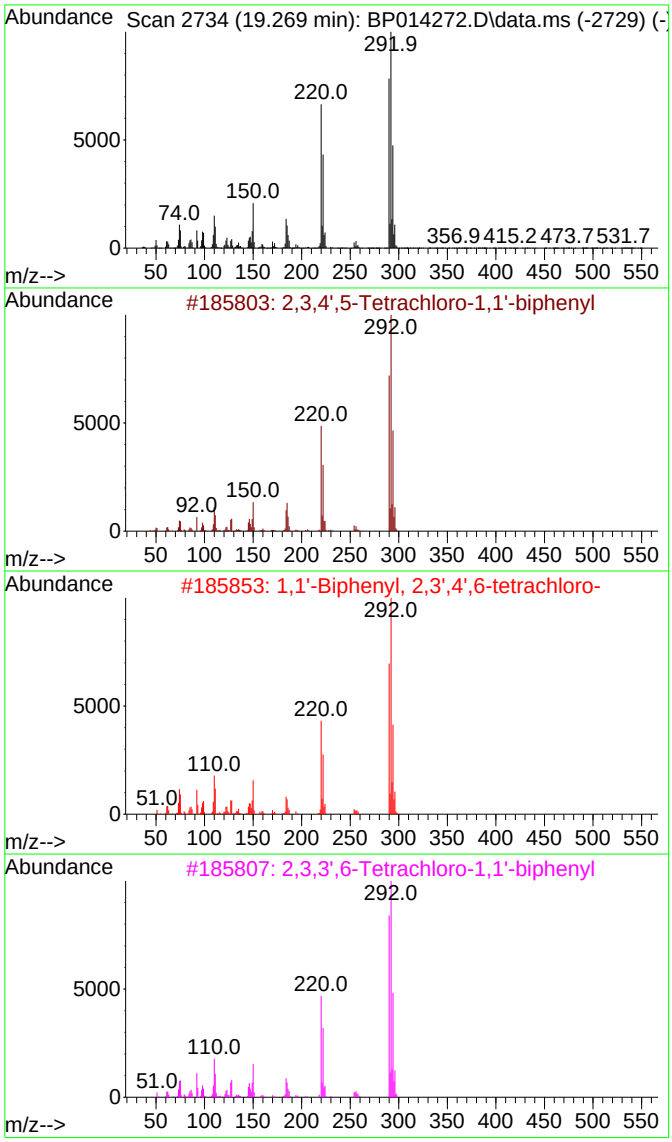
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

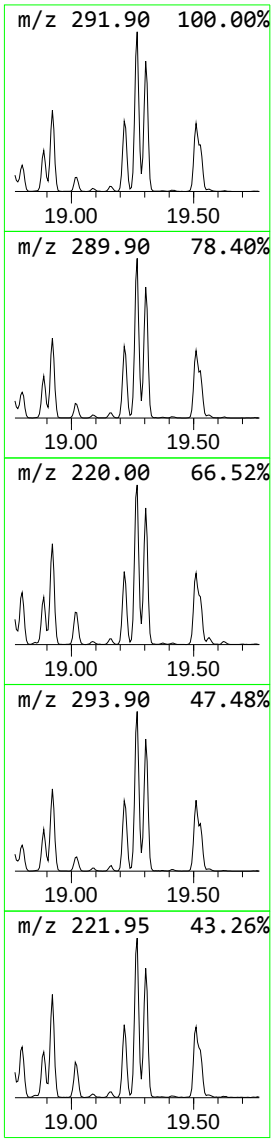
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 2,3,4',5-Tetrachloro-1,1'-b... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.269	30.60 ng/ul	2895460	Phenanthrene-d10	17.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,4',5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-34-7	99
2	1,1'-Biphenyl, 2,3',4',6-tetrach...	290	C12H6Cl4	041464-46-4	99
3	2,3,3',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-33-6	99
4	1,1'-Biphenyl, 2,3,3',4'-tetrach...	290	C12H6Cl4	041464-43-1	99
5	Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	99





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Acq On : 23 Mar 2023 23:51
Operator : CG/JU
Sample : 01991-03
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E0279

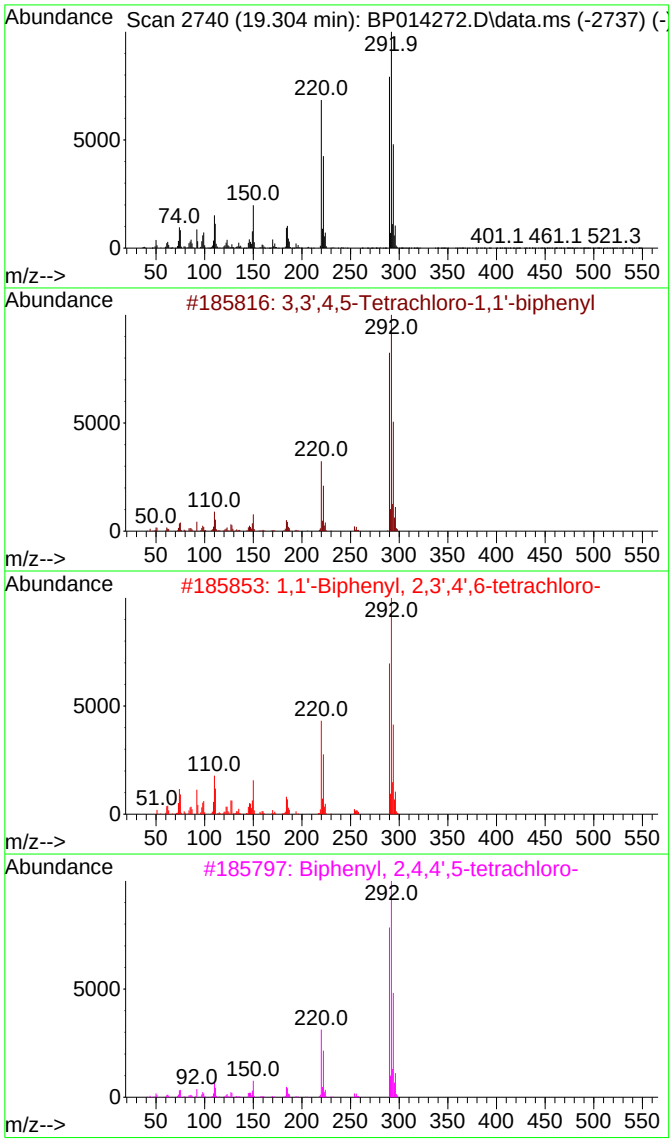
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

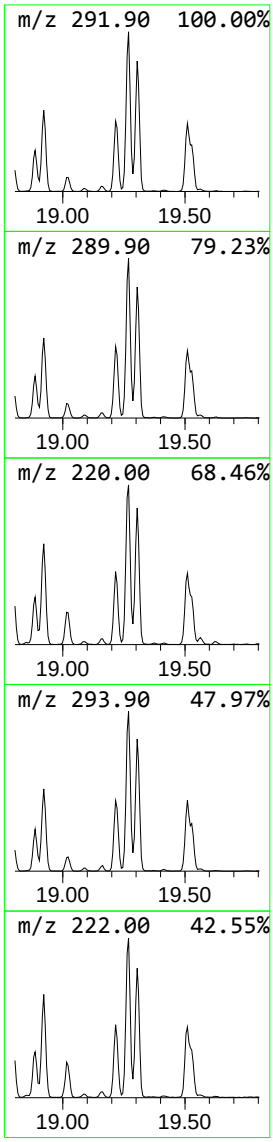
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 3,3',4,5-Tetrachloro-1,1'-b... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.304	25.29 ng/ul	2393250	Phenanthrene-d10	17.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-49-1	99
2	1,1'-Biphenyl, 2,3',4',6-tetrach...	290	C12H6Cl4	041464-46-4	98
3	Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	98
4	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	98
5	1,1'-Biphenyl, 2,2',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	97





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Operator : CG/JU
Sample : 01991-03
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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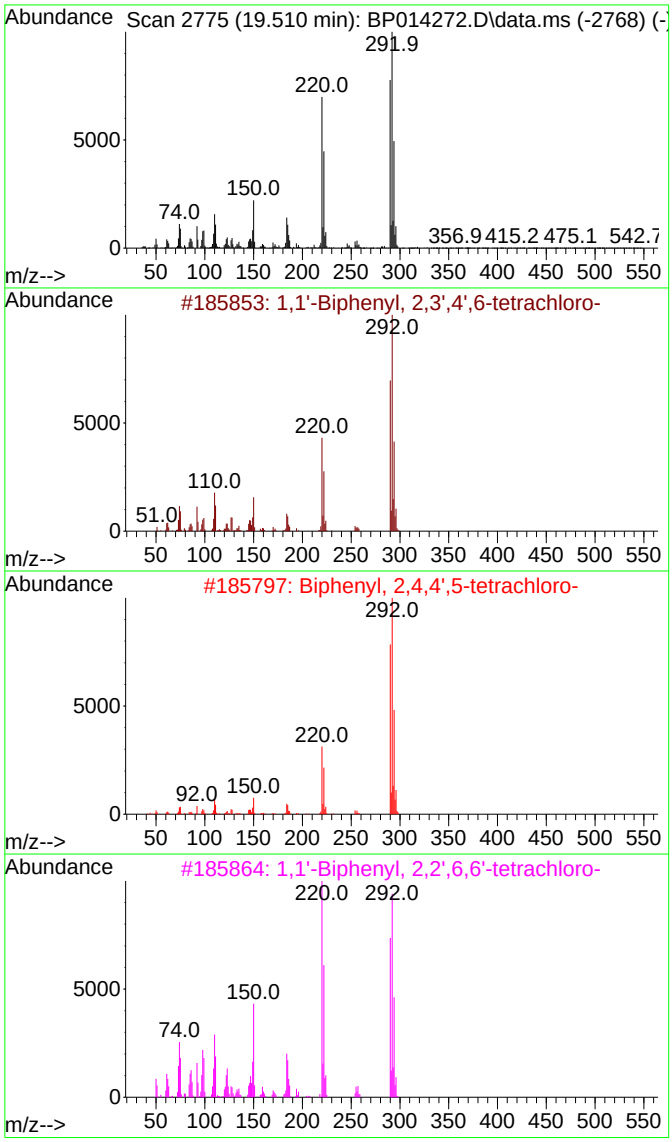
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

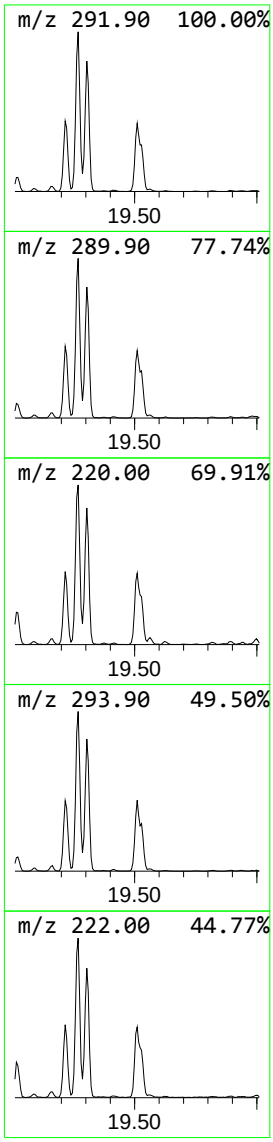
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 Biphenyl, 2,4,4',5-tetrachl... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.510	12.64 ng/ul	1970120	Chrysene-d12	21.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3',4',6-tetrach...	290	C12H6Cl4	041464-46-4	99
2	Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	99
3	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
4	1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	99
5	2,3,3',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-33-6	99





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Acq On : 23 Mar 2023 23:51
Operator : CG/JU
Sample : 01991-03
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E0279

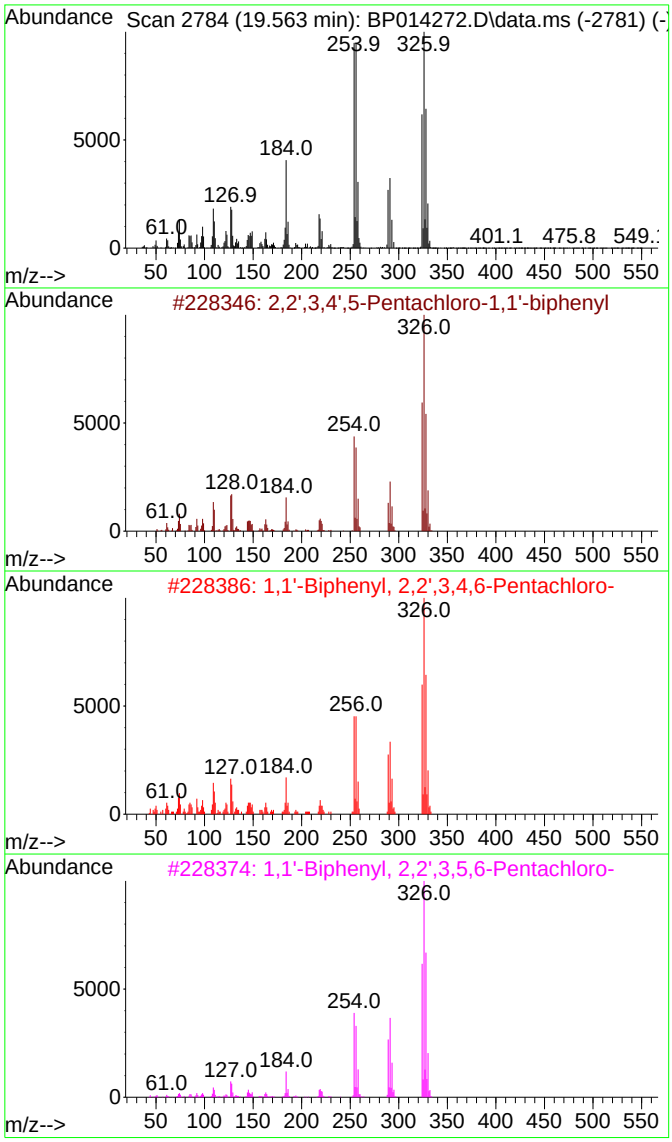
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

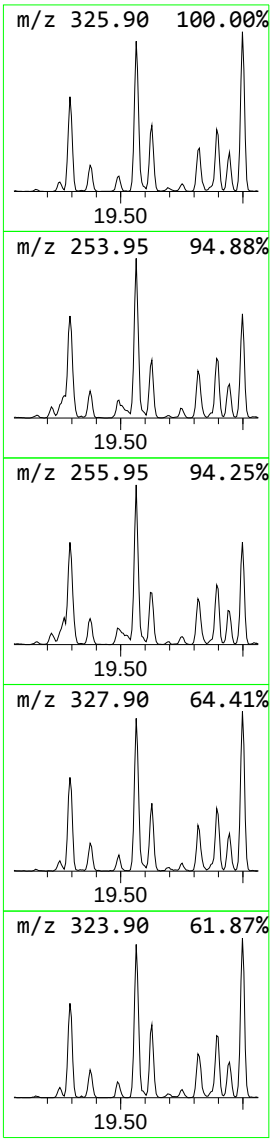
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 2,2',3,4',5-Pentachloro-1,1... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.563	6.43 ng/ul	1003020	Chrysene-d12	21.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,4',5-Pentachloro-1,1'-bip...	324	C12H5Cl5	068194-07-0	98
2	1,1'-Biphenyl, 2,2',3,4,6-Pentac...	324	C12H5Cl5	055215-17-3	97
3	1,1'-Biphenyl, 2,2',3,5,6-Pentac...	324	C12H5Cl5	073575-56-1	96
4	2,3,3',5,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	039635-32-0	96
5	2,2',3,4',6-Pentachloro-1,1'-bip...	324	C12H5Cl5	068194-05-8	96





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Acq On : 23 Mar 2023 23:51
Operator : CG/JU
Sample : 01991-03
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E0279

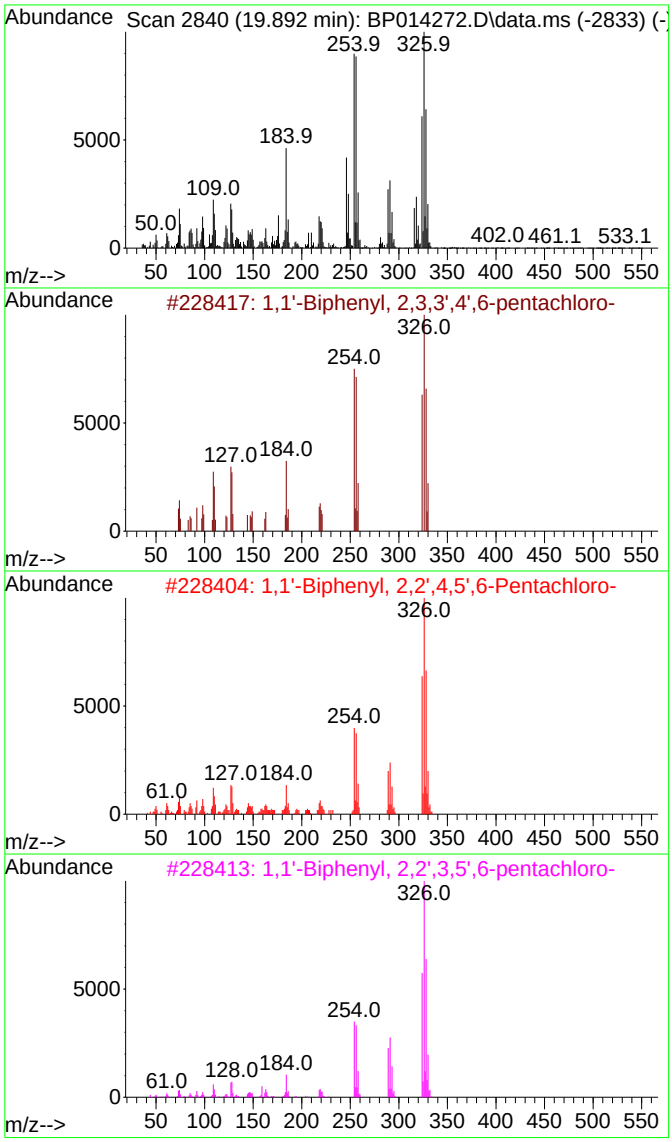
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

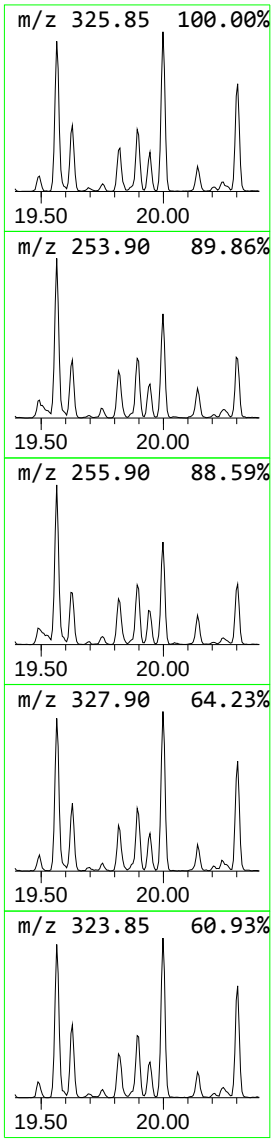
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 1,1'-Biphenyl, 2,3,3',4',6-... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.892	4.10 ng/ul	639905	Chrysene-d12	21.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
2	1,1'-Biphenyl, 2,2',4,5',6-Penta...	324	C12H5Cl5	060145-21-3	99
3	1,1'-Biphenyl, 2,2',3,5',6-penta...	324	C12H5Cl5	038379-99-6	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'-biph...	324	C12H5Cl5	070424-69-0	99





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Operator : CG/JU
Sample : 01991-03
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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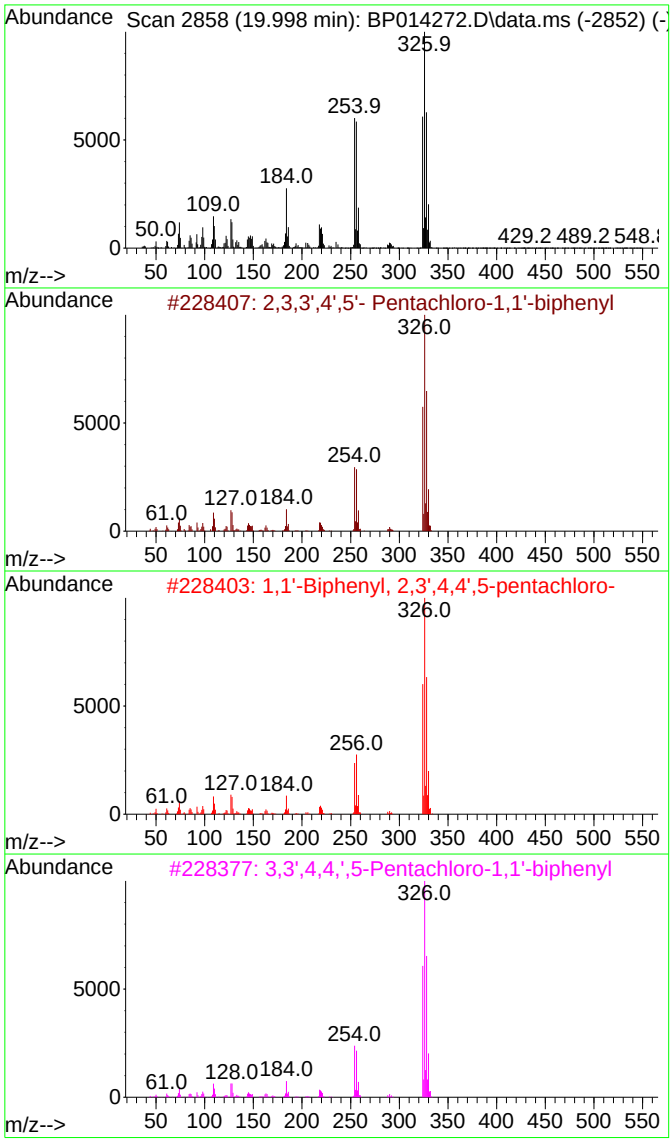
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

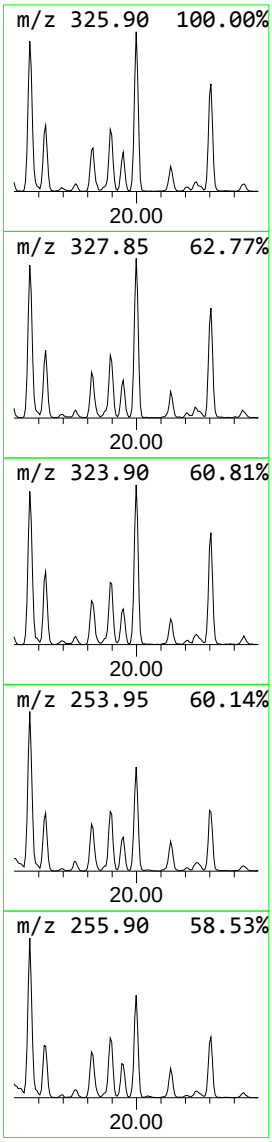
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 2,3,3',4',5'- Pentachloro-1... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.998	5.18 ng/ul	807562	Chrysene-d12	21.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',4',5'- Pentachloro-1,1'-b...	324	C12H5Cl5	076842-07-4	99
2	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	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'-bip...	324	C12H5Cl5	070362-41-3	99
5	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99





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Data File : BP014272.D
Acq On : 23 Mar 2023 23:51
Operator : CG/JU
Sample : 01991-03
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E0279

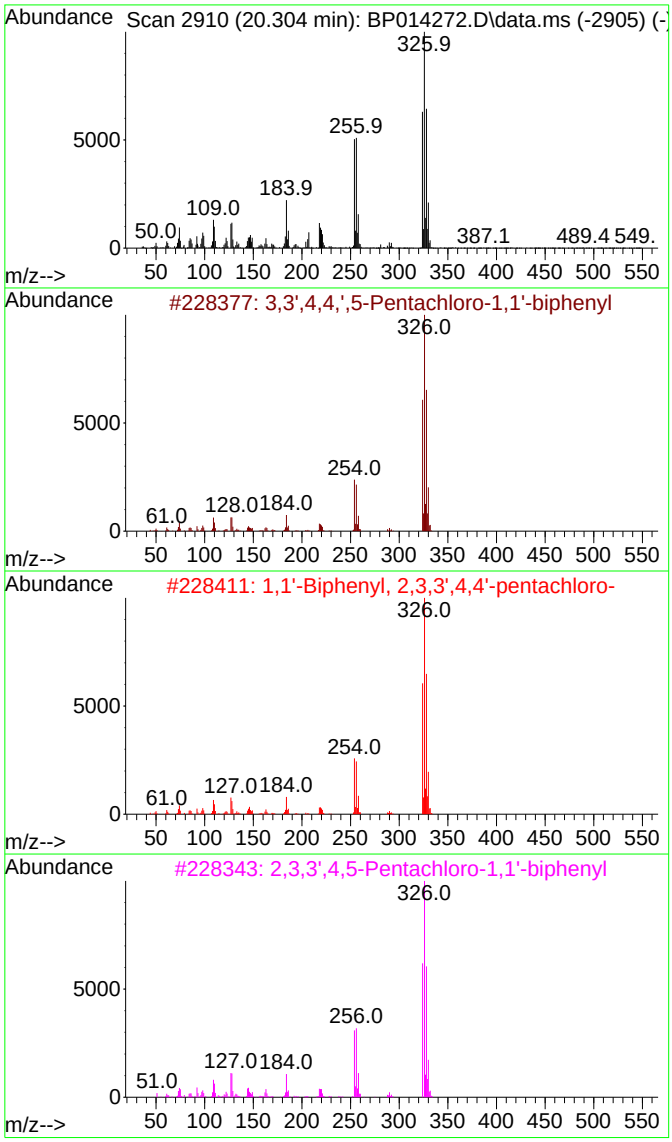
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

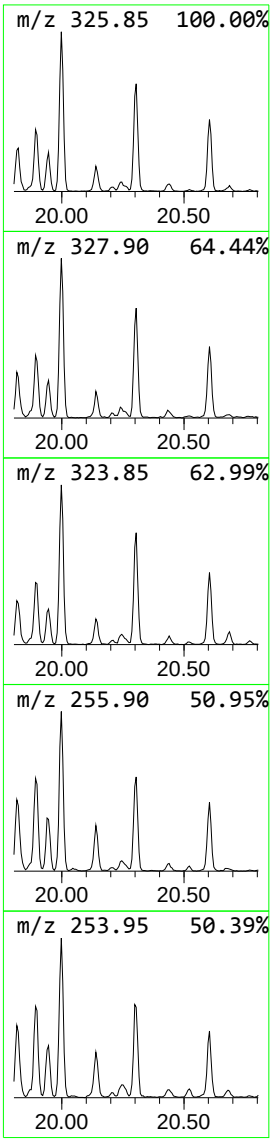
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 40 3,3',4,4',5-Pentachloro-1,... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.304	3.03 ng/ul	472953	Chrysene-d12	21.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,3',4,4',5-Pentachloro-1,1'-bi...	324	C12H5Cl5	057465-28-8	99
2	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99
3	2,3,3',4,5-Pentachloro-1,1'-biph...	324	C12H5Cl5	070424-69-0	99
4	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
5	1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	99





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032223\
Data File : BP014272.D
Acq On : 23 Mar 2023 23:51
Operator : CG/JU
Sample : 01991-03
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E0279

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.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...	3.311	51.6	ng/ul	1165100	1	8.034	451551	20.0
(DEL) Alkane: C...	3.664	2.1	ng/ul	47721	1	8.034	451551	20.0
Benzene, chloro-	5.311	7.5	ng/ul	169495	1	8.034	451551	20.0
Benzene, 1-brom...	9.540	16.6	ng/ul	577590	2	10.858	697329	20.0
Benzene, 1-brom...	9.858	25.4	ng/ul	886194	2	10.858	697329	20.0
Propane, 1,2,3-...	10.675	2.7	ng/ul	92638	2	10.858	697329	20.0
(DEL) Alkane: S...	12.252	2.6	ng/ul	91040	2	10.858	697329	20.0
(DEL) Alkane: S...	12.581	4.1	ng/ul	141524	2	10.858	697329	20.0
Benzene, 1,3-di...	13.422	2.0	ng/ul	118354	3	14.681	1160050	20.0
(DEL) Alkane: S...	13.481	2.1	ng/ul	122097	3	14.681	1160050	20.0
(DEL) Alkane: S...	14.551	2.4	ng/ul	136959	3	14.681	1160050	20.0
1,1'-Biphenyl, ...	17.304	19.3	ng/ul	1823210	4	17.439	1892480	20.0
1,1'-Biphenyl, ...	17.345	4.7	ng/ul	443677	4	17.439	1892480	20.0
1,1'-Biphenyl, ...	17.604	9.9	ng/ul	935814	4	17.439	1892480	20.0
1,1'-Biphenyl, ...	17.881	2.3	ng/ul	213882	4	17.439	1892480	20.0
1,1'-Biphenyl, ...	18.016	40.6	ng/ul	3842970	4	17.439	1892480	20.0
1,1'-Biphenyl, ...	18.151	16.3	ng/ul	1538260	4	17.439	1892480	20.0
1,1'-Biphenyl, ...	18.269	6.6	ng/ul	621405	4	17.439	1892480	20.0
1,1'-Biphenyl, ...	18.322	5.3	ng/ul	500463	4	17.439	1892480	20.0
1,1'-Biphenyl, ...	18.481	28.4	ng/ul	2683300	4	17.439	1892480	20.0
1,1'-Biphenyl, ...	18.534	17.5	ng/ul	1655690	4	17.439	1892480	20.0
1,1'-Biphenyl, ...	18.575	13.6	ng/ul	1285690	4	17.439	1892480	20.0
2,2',4,5-Tetrac...	18.751	26.4	ng/ul	2495210	4	17.439	1892480	20.0
2,2',4,6'-Tetra...	18.798	7.3	ng/ul	692758	4	17.439	1892480	20.0
unknown-01	18.851	3.3	ng/ul	310923	4	17.439	1892480	20.0
1,1'-Biphenyl, ...	18.887	8.0	ng/ul	753272	4	17.439	1892480	20.0
2,3,3',6-Tetrac...	18.922	15.3	ng/ul	1442810	4	17.439	1892480	20.0
1,1'-Biphenyl, ...	19.016	6.8	ng/ul	639693	4	17.439	1892480	20.0
1,1'-Biphenyl, ...	19.216	12.5	ng/ul	1181170	4	17.439	1892480	20.0
2,3,4',5-Tetrac...	19.269	30.6	ng/ul	2895460	4	17.439	1892480	20.0
3,3',4,5-Tetrac...	19.304	25.3	ng/ul	2393250	4	17.439	1892480	20.0
Biphenyl, 2,4,4...	19.510	12.6	ng/ul	1970120	5	21.516	3118050	20.0
2,2',3,4',5-Pen...	19.563	6.4	ng/ul	1003020	5	21.516	3118050	20.0
1,1'-Biphenyl, ...	19.892	4.1	ng/ul	639905	5	21.516	3118050	20.0
2,3,3',4',5'- P...	19.998	5.2	ng/ul	807562	5	21.516	3118050	20.0
3,3',4,4,',5-Pe...	20.304	3.0	ng/ul	472953	5	21.516	3118050	20.0