LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032223\
Data File : BP014273.D
Acq On : 24 Mar 2023 00:25
Operator : CG/JU
Sample : 01991-08
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E0284

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: BP014273.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.223	3	6	8	rBV	80762	84398	3.03%	0.302%
2	3.252	8	11	13	rVV	33261	39214	1.41%	0.140%
3	3.276	13	15	17	rVV	55509	49782	1.79%	0.178%
4	3.311	17	21	31	rVB	2032624	2231900	80.21%	7.985%
5	3.634	72	76	77	rBV4	5889	5824	0.21%	0.021%
6	3.664	77	81	89	rVB	70862	85386	3.07%	0.305%
7	3.758	92	97	100	rBV6	5334	8742	0.31%	0.031%
8	3.893	118	120	127	rBV7	4105	7399	0.27%	0.026%
9	4.158	160	165	170	rBV	14299	19691	0.71%	0.070%
10	5.311	355	361	370	rBV	89857	140666	5.06%	0.503%
11	7.634	751	756	761	rBV7	5216	8316	0.30%	0.030%
12	7.781	775	781	786	rBV2	11413	22589	0.81%	0.081%
13	8.034	814	824	839	rBV	436573	765411	27.51%	2.738%
14	8.869	962	966	969	rBV6	3364	6082	0.22%	0.022%
15	9.252	1026	1031	1038	rBV2	17547	27040	0.97%	0.097%
16	9.422	1054	1060	1066	rVB8	3879	7669	0.28%	0.027%
17	9.546	1074	1081	1090	rBV	221401	403926	14.52%	1.445%
18	9.863	1127	1135	1145	rBV	304017	548012	19.70%	1.961%
19	10.675	1266	1273	1281	rBV3	9799	19649	0.71%	0.070%
20	10.810	1291	1296	1298	rBV	26073	40435	1.45%	0.145%
21	10.858	1298	1304	1323	rVV	574300	1059771	38.09%	3.792%
22	11.675	1439	1443	1450	rVB10	2476	5599	0.20%	0.020%
23	11.752	1454	1456	1465	rVB9	3966	7168	0.26%	0.026%
24	11.852	1470	1473	1478	rVB6	5098	7827	0.28%	0.028%
25	12.252	1537	1541	1549	rBV	30936	52758	1.90%	0.189%
26	12.581	1591	1597	1603	rVB	40631	60445	2.17%	0.216%
27	12.746	1620	1625	1631	rVB2	18843	29087	1.05%	0.104%
28	12.887	1643	1649	1652	rBV3	7149	10431	0.37%	0.037%
29	13.057	1675	1678	1682	rBV6	4153	7046	0.25%	0.025%
30	13.193	1698	1701	1705	rVV5	4770	6844	0.25%	0.024%
31	13.422	1731	1740	1746	rBV4	21039	59319	2.13%	0.212%
32	13.487	1746	1751	1759	rVV	50871	84193	3.03%	0.301%
33	13.863	1812	1815	1821	rVB8	4425	7203	0.26%	0.026%
34	14.057	1845	1848	1851	rVV5	5428	7234	0.26%	0.026%
35	14.081	1851	1852	1854	rVV2	5216	5088	0.18%	0.018%
36	14.134	1857	1861	1866	rVV7	8872	17585	0.63%	0.063%

LSC Area Percent Report

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Data File : BP014273.D
Acq On : 24 Mar 2023 00:25
Operator : CG/JU
Sample : 01991-08
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : E0284

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	14.181	1866	1869	1874	rVV6	6176	10028	0.36%	0.036%
38	14.263	1877	1883	1889	rVB6	4531	9666	0.35%	0.035%
39	14.428	1908	1911	1917	rVB8	4076	5479	0.20%	0.020%
40	14.498	1919	1923	1926	rBV6	5592	8231	0.30%	0.029%
41	14.551	1926	1932	1940	rBV	50633	78447	2.82%	0.281%
42	14.640	1943	1947	1948	rBV4	5165	6038	0.22%	0.022%
43	14.681	1948	1954	1964	rVV	1053312	1621845	58.29%	5.803%
44	14.804	1971	1975	1982	rBV3	33251	51169	1.84%	0.183%
45	15.175	2033	2038	2043	rVV8	7281	15444	0.56%	0.055%
46	15.240	2046	2049	2052	rVB5	4266	5625	0.20%	0.020%
47	15.504	2089	2094	2099	rBV	40686	52667	1.89%	0.188%
48	15.904	2157	2162	2165	rBV7	7492	14226	0.51%	0.051%
49	15.934	2165	2167	2175	rVB7	12115	17612	0.63%	0.063%
50	16.140	2196	2202	2207	rBV8	15545	30764	1.11%	0.110%
51	16.193	2207	2211	2216	rVV7	11051	18424	0.66%	0.066%
52	16.369	2237	2241	2249	rBV	48612	72396	2.60%	0.259%
53	16.663	2286	2291	2297	rBV	38996	57060	2.05%	0.204%
54	16.834	2314	2320	2324	rBV9	4136	7916	0.28%	0.028%
55	16.881	2324	2328	2332	rBV6	5700	8119	0.29%	0.029%
56	16.957	2333	2341	2348	rBV8	29498	52609	1.89%	0.188%
57	17.169	2372	2377	2381	rVB	30806	40236	1.45%	0.144%
58	17.222	2382	2386	2390	rVV4	10793	16124	0.58%	0.058%
59	17.304	2395	2400	2404	rBV	497378	676331	24.31%	2.420%
60	17.345	2404	2407	2415	rVB	133360	170593	6.13%	0.610%
61	17.434	2416	2422	2436	rBV	1579182	2335592	83.94%	8.356%
62	17.604	2446	2451	2457	rBV2	224429	337501	12.13%	1.207%
63	17.704	2466	2468	2474	rVB7	7452	11296	0.41%	0.040%
64	17.881	2493	2498	2500	rBV3	50096	69067	2.48%	0.247%
65	17.904	2500	2502	2507	rVB	37766	48551	1.74%	0.174%
66	18.016	2515	2521	2530	rBV	710308	1369515	49.22%	4.900%
67	18.145	2537	2543	2551	rBV2	305305	543931	19.55%	1.946%
68	18.216	2551	2555	2559	rVV3	37284	47780	1.72%	0.171%
69	18.269	2559	2564	2568	rVV2	162371	216644	7.79%	0.775%
70	18.322	2568	2573	2581	rVB	127134	185873	6.68%	0.665%
71	18.422	2586	2590	2594	rVV2	58666	74689	2.68%	0.267%
72	18.475	2594	2599	2605	rVV	728396	928255	33.36%	3.321%
73	18.534	2605	2609	2613	rVV	442561	568308	20.42%	2.033%
74	18.575	2613	2616	2621	rVB	369348	441552	15.87%	1.580%
75	18.751	2640	2646	2650	rBV	636778	832437	29.92%	2.978%
76	18.798	2650	2654	2659	rVV	191978	259200	9.32%	0.927%

LSC Area Percent Report

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Acq On : 24 Mar 2023 00:25
Operator : CG/JU
Sample : 01991-08
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E0284

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

77	18.857	2659	2664	2666	rVV	70663	103327	3.71%	0.370%
78	18.886	2666	2669	2671	rVV	190932	229278	8.24%	0.820%
79	18.922	2671	2675	2681	rVB	401110	505391	18.16%	1.808%
80	19.016	2687	2691	2698	rVB2	122969	177149	6.37%	0.634%
81	19.181	2713	2719	2721	rBV2	30698	55402	1.99%	0.198%
82	19.216	2721	2725	2729	rVV	293684	362527	13.03%	1.297%
83	19.263	2729	2733	2736	rVV	659161	845776	30.40%	3.026%
84	19.304	2736	2740	2745	rVV2	576505	811944	29.18%	2.905%
85	19.375	2749	2752	2755	rVB2	41356	49007	1.76%	0.175%
86	19.510	2769	2775	2781	rBV	295645	614050	22.07%	2.197%
87	19.563	2781	2784	2790	rVV	242218	312023	11.21%	1.116%
88	19.622	2791	2794	2798	rVB	86819	106535	3.83%	0.381%
89	19.739	2811	2814	2819	rVB3	30864	39511	1.42%	0.141%
90	19.816	2823	2827	2833	rBV3	78109	114780	4.13%	0.411%
91	19.892	2835	2840	2845	rVB4	123160	184136	6.62%	0.659%
92	19.945	2845	2849	2852	rBV5	51849	65995	2.37%	0.236%
93	19.998	2853	2858	2863	rVB3	164698	226247	8.13%	0.809%
94	20.251	2897	2901	2905	rBV3	111316	134276	4.83%	0.480%
95	20.304	2906	2910	2915	rVB	110257	135618	4.87%	0.485%
96	20.381	2919	2923	2927	rBV	60612	84420	3.03%	0.302%
97	20.522	2944	2947	2952	rVB2	67017	75673	2.72%	0.271%
98	20.604	2958	2961	2967	rVB2	68297	83503	3.00%	0.299%
99	21.516	3111	3116	3121	rBV	1977821	2782418	100.00%	9.955%
100	24.033	3538	3544	3558	rVB2	1209645	2584480	92.89%	9.247%

Sum of corrected areas: 27950435

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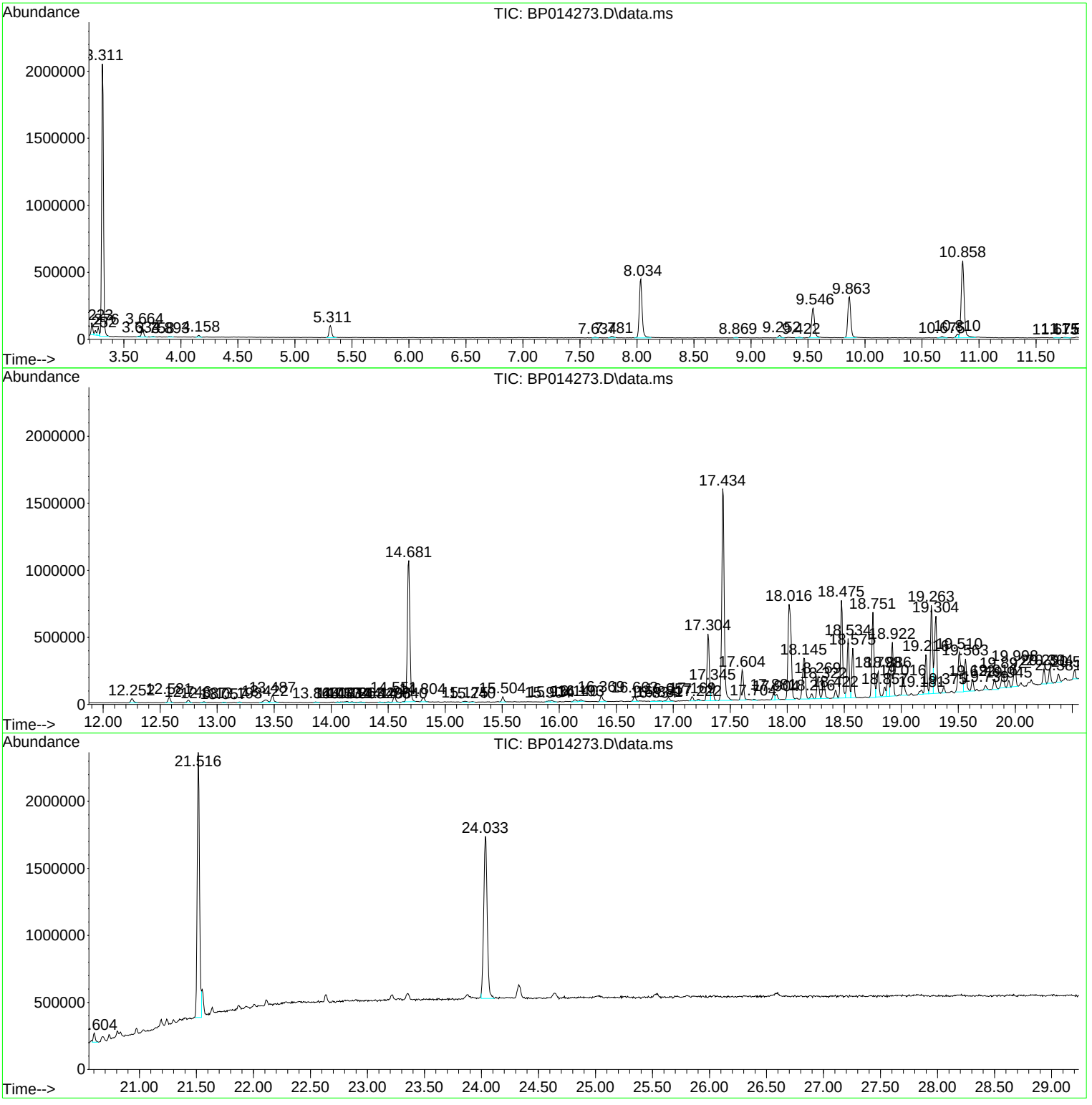
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E0284

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 : BP014273.D
Acq On : 24 Mar 2023 00:25
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Instrument :
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ClientSampleId :
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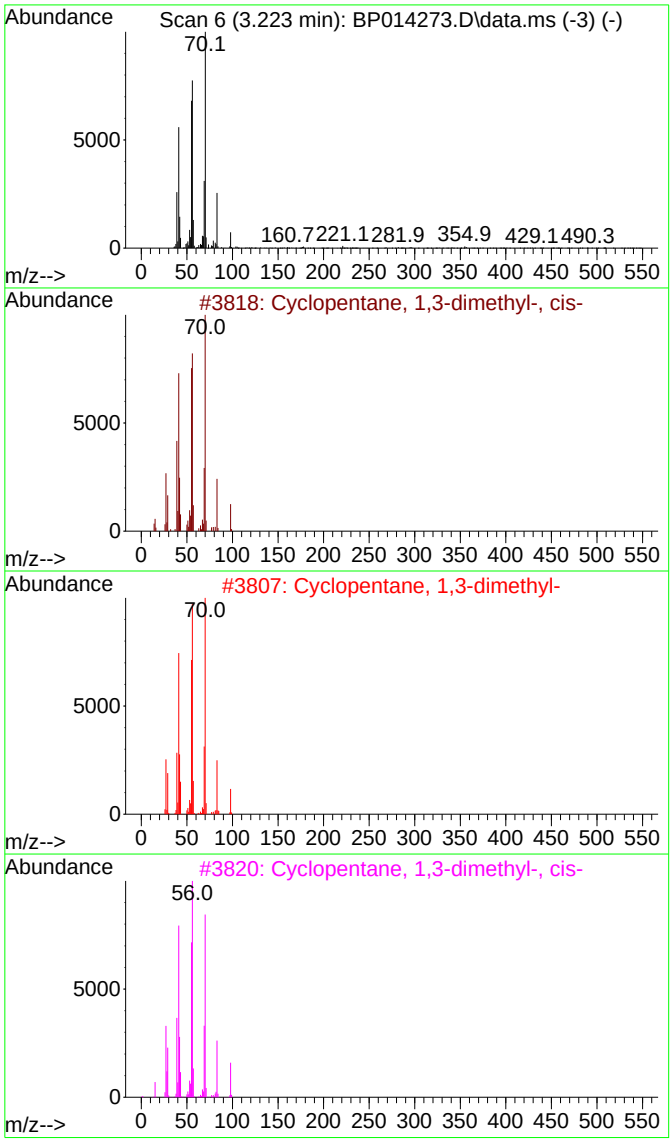
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

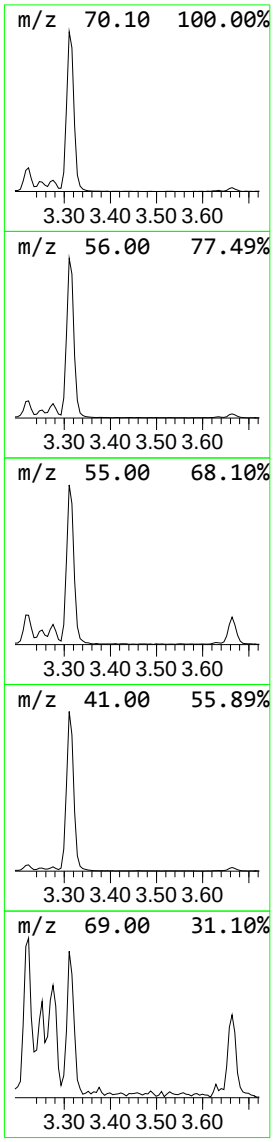
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Cyclic3.223 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.223	2.21 ng/ul	84398	1,4-Dichlorobenzene-d4	8.034

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	91
2	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	91
3	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	83
4	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	76
5	2H-Pyran-2,6(3H)-dione, dihydro-...	142	C7H10O3	004160-82-1	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032223\
Data File : BP014273.D
Acq On : 24 Mar 2023 00:25
Operator : CG/JU
Sample : 01991-08
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E0284

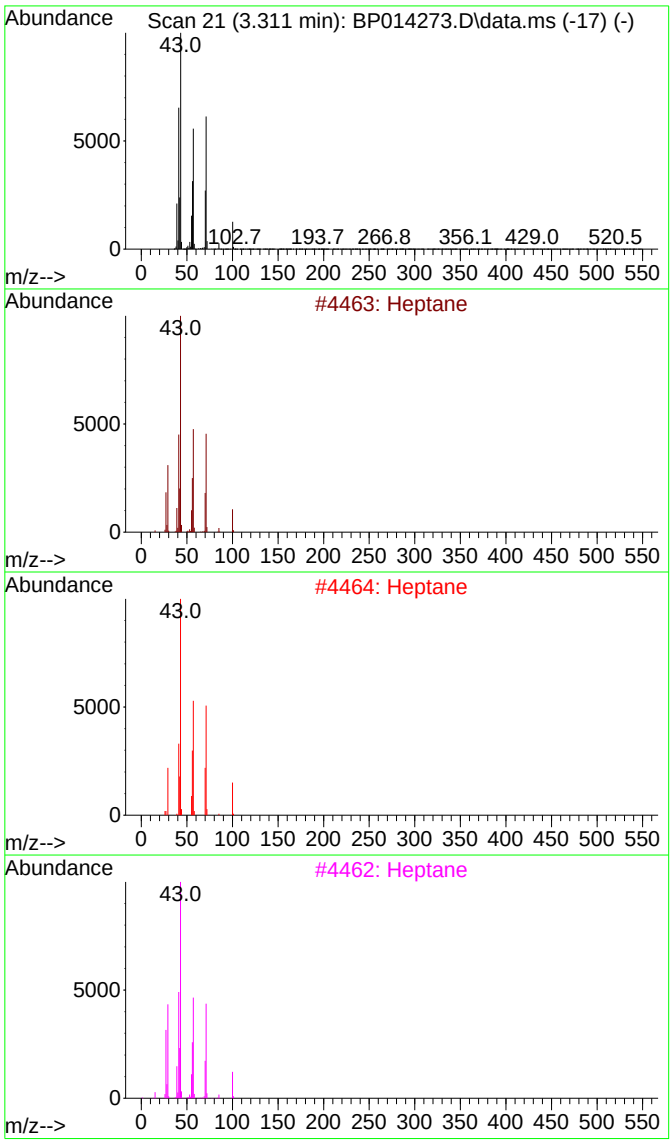
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

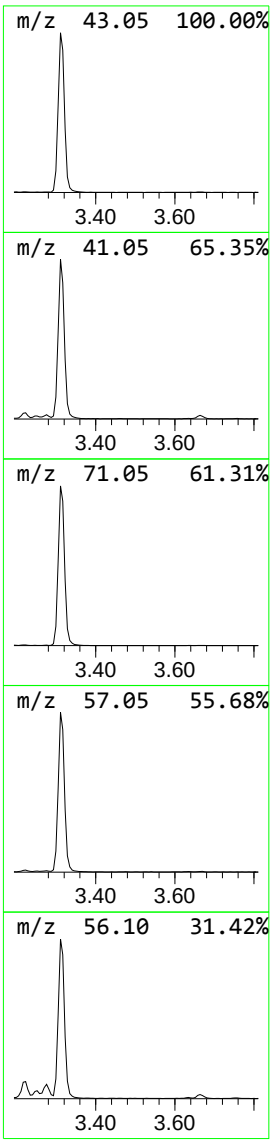
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.311	58.32 ng/ul	2231900	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	91
3	Heptane	100	C7H16	000142-82-5	90
4	Heptane	100	C7H16	000142-82-5	87
5	Pentane, 2-methyl-	86	C6H14	000107-83-5	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032223\
Data File : BP014273.D
Acq On : 24 Mar 2023 00:25
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Sample : 01991-08
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E0284

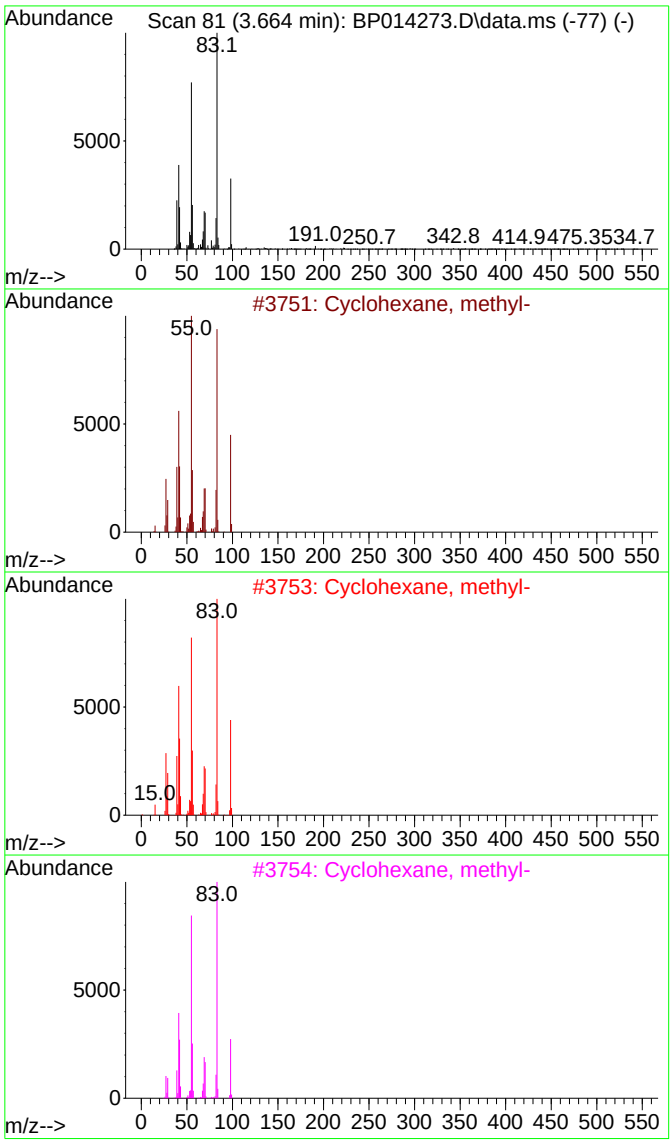
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

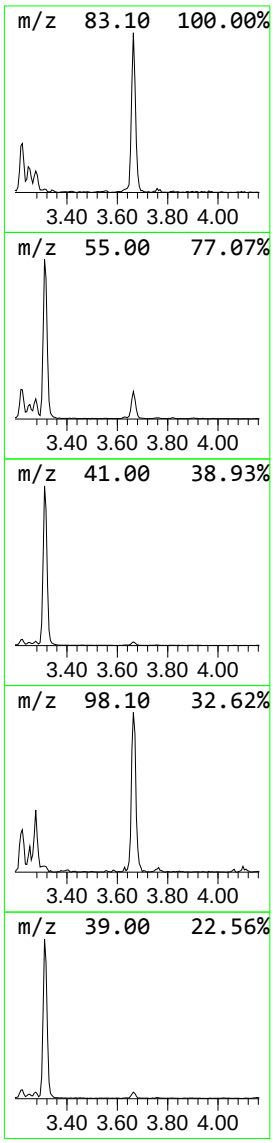
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Cyclic3.664 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.664	2.23 ng/ul	85386	1,4-Dichlorobenzene-d4	8.034

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, methyl-	98	C7H14	000108-87-2	94
2	Cyclohexane, methyl-	98	C7H14	000108-87-2	94
3	Cyclohexane, methyl-	98	C7H14	000108-87-2	91
4	Cyclohexane, methyl-	98	C7H14	000108-87-2	70
5	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032223\
Data File : BP014273.D
Acq On : 24 Mar 2023 00:25
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Sample : 01991-08
Misc :
ALS Vial : 53 Sample Multiplier: 1

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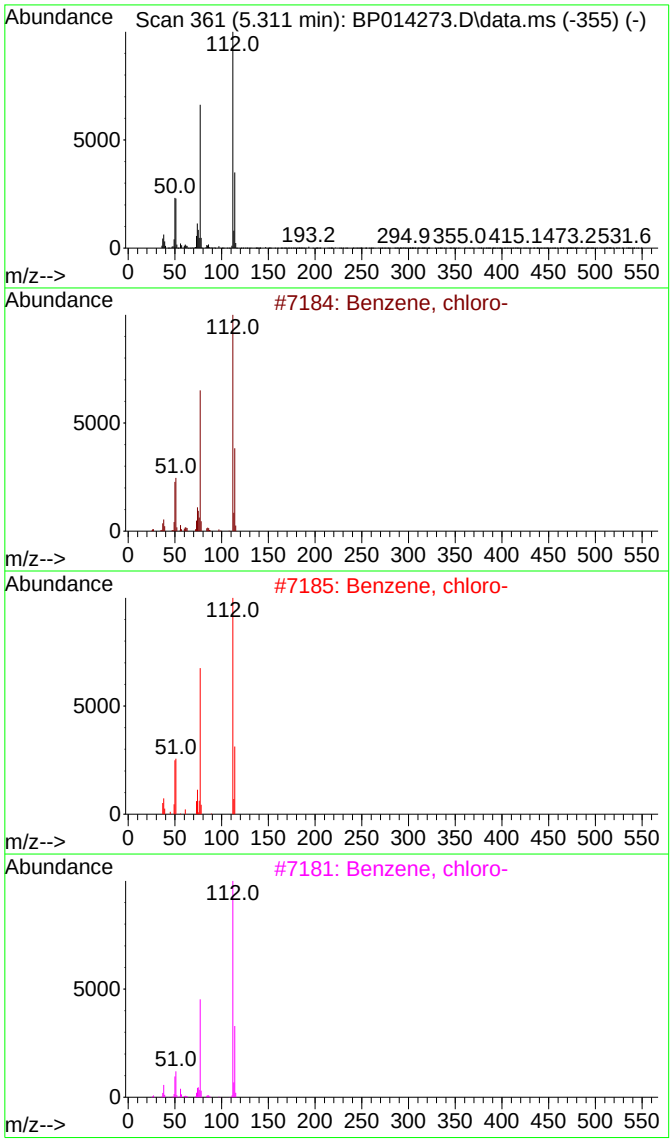
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

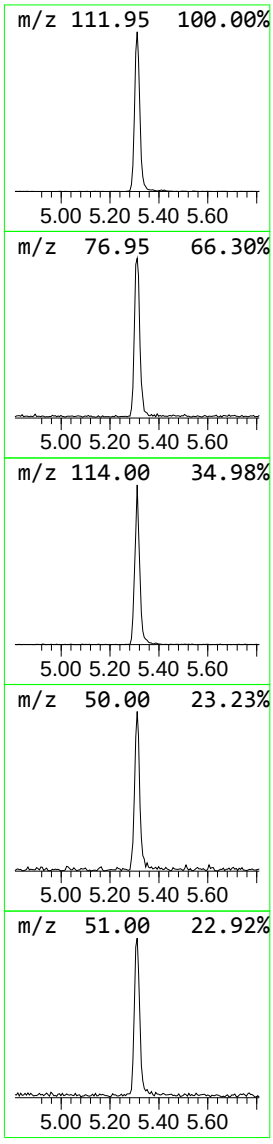
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, chloro- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.311	3.68 ng/ul	140666	1,4-Dichlorobenzene-d4	8.034

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, chloro-	112	C6H5Cl	000108-90-7	97
2	Benzene, chloro-	112	C6H5Cl	000108-90-7	96
3	Benzene, chloro-	112	C6H5Cl	000108-90-7	91
4	Benzene, chloro-	112	C6H5Cl	000108-90-7	91
5	Benzene, chloro-	112	C6H5Cl	000108-90-7	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032223\
Data File : BP014273.D
Acq On : 24 Mar 2023 00:25
Operator : CG/JU
Sample : 01991-08
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E0284

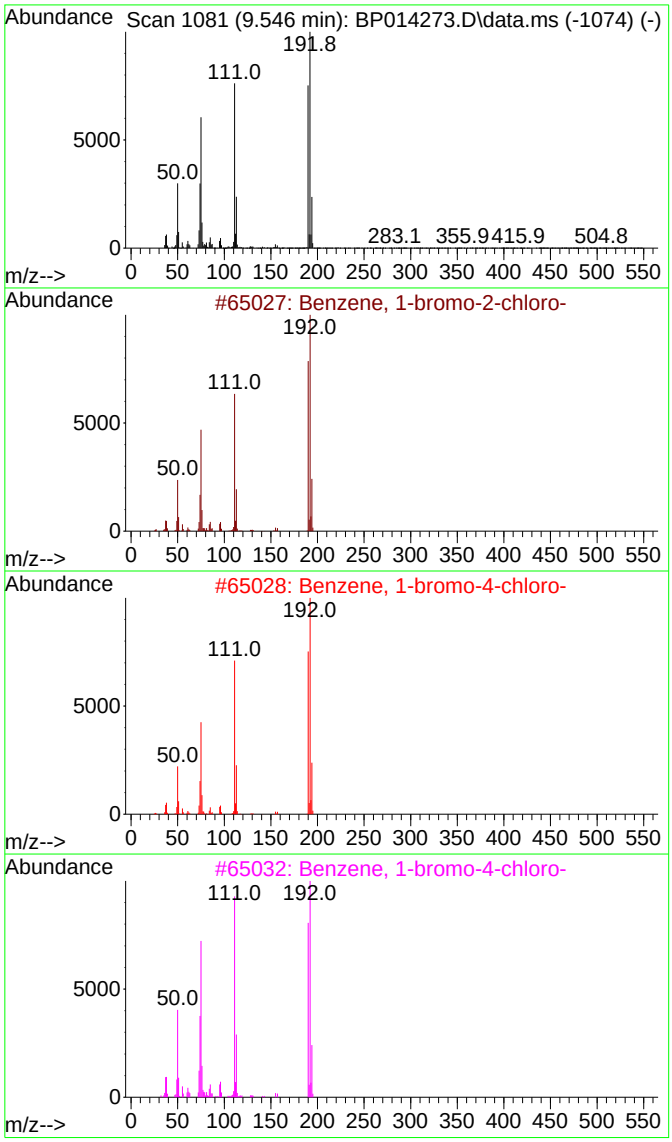
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

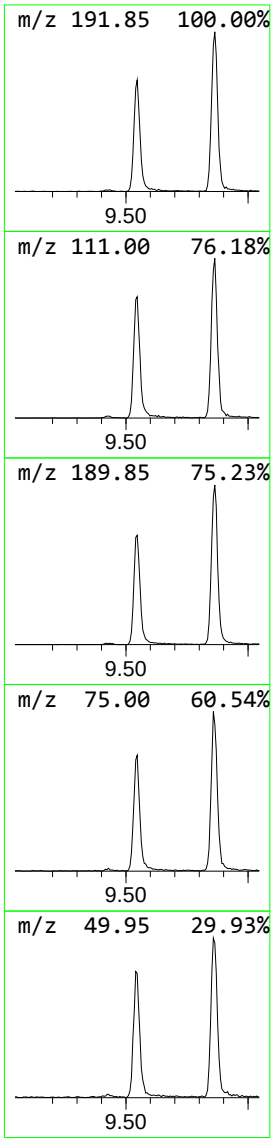
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1-bromo-2-chloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.546	7.62 ng/ul	403926	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	98
4	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	97
5	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	96





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Acq On : 24 Mar 2023 00:25
Operator : CG/JU
Sample : 01991-08
Misc :
ALS Vial : 53 Sample Multiplier: 1

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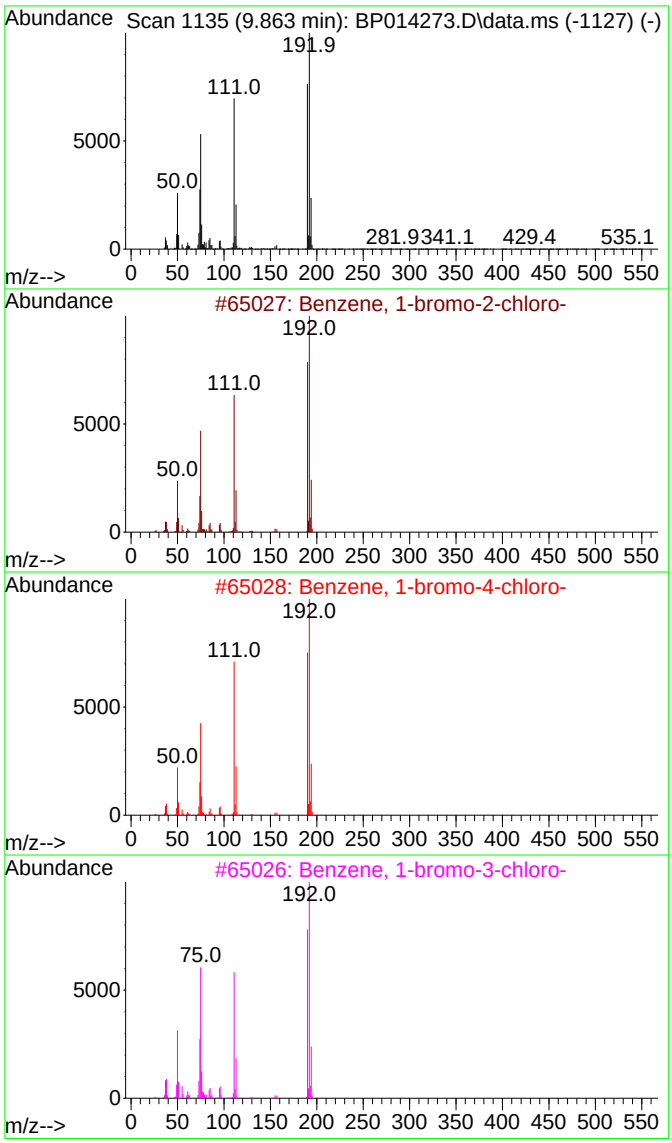
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

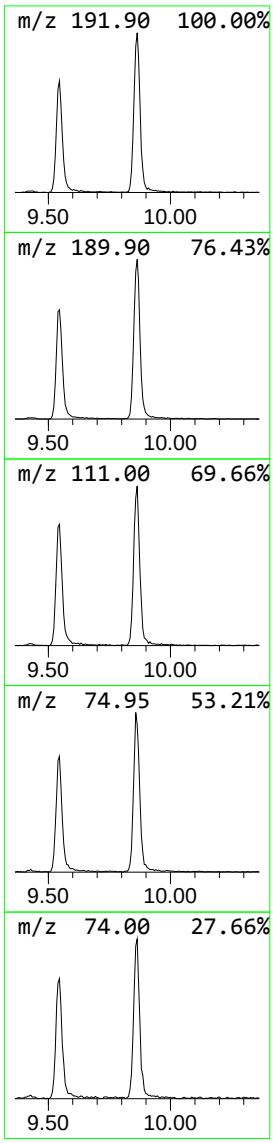
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1-bromo-3-chloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.863	10.34 ng/ul	548012	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-3-chloro-	190	C6H4BrCl	000108-37-2	97
4	Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	95
5	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	95





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Operator : CG/JU
Sample : 01991-08
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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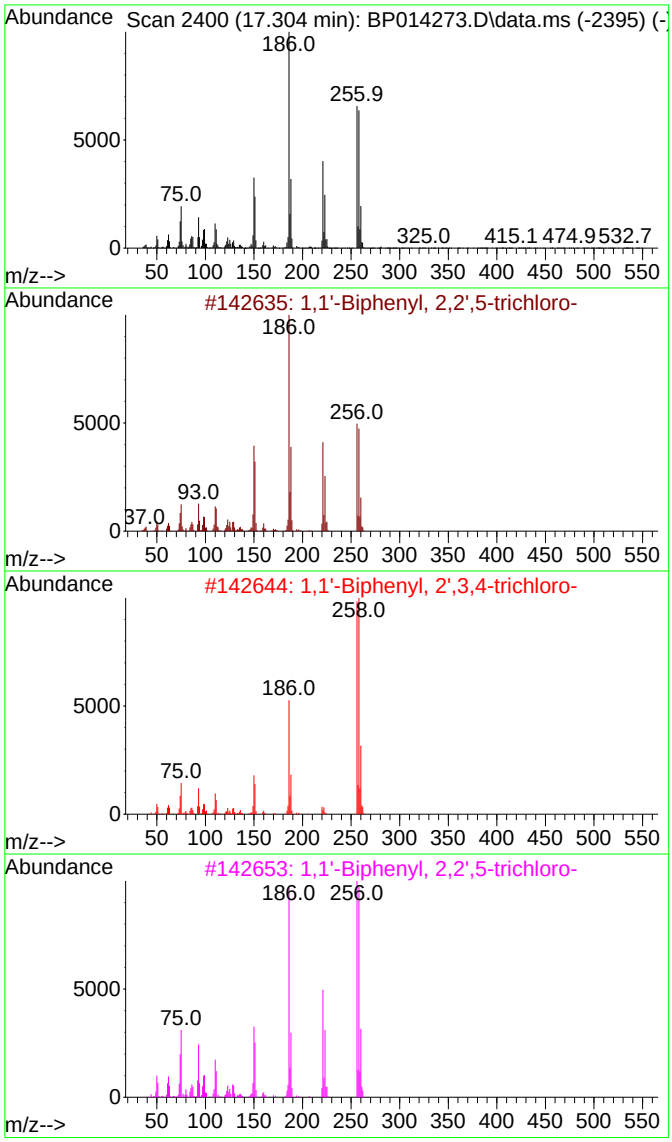
Quant Title : SVOA CALIBRATION

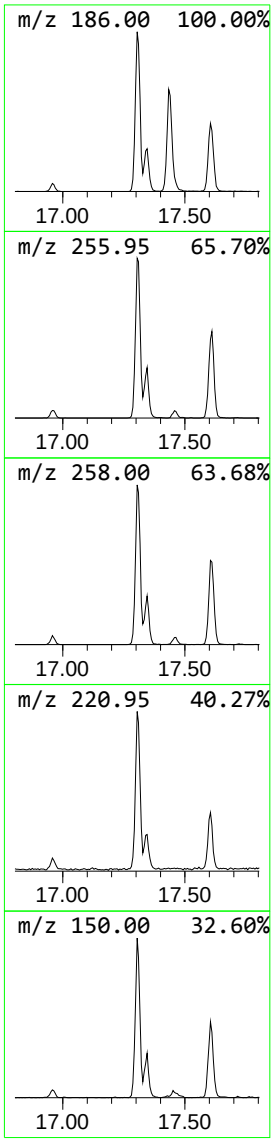
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1,1'-Biphenyl, 2,2',5-trich... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.304	5.79 ng/ul	676331	Phenanthrene-d10	17.434

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',3,4-trichloro-	256	C12H7Cl3	038444-86-9	99
3	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	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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Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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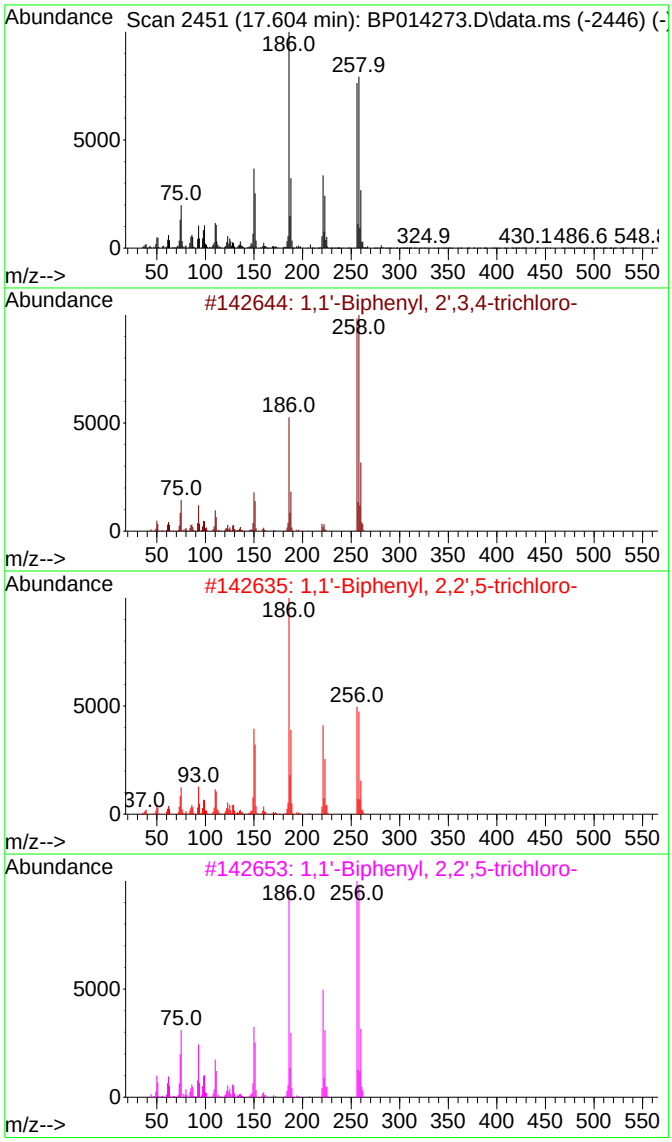
Quant Title : SVOA CALIBRATION

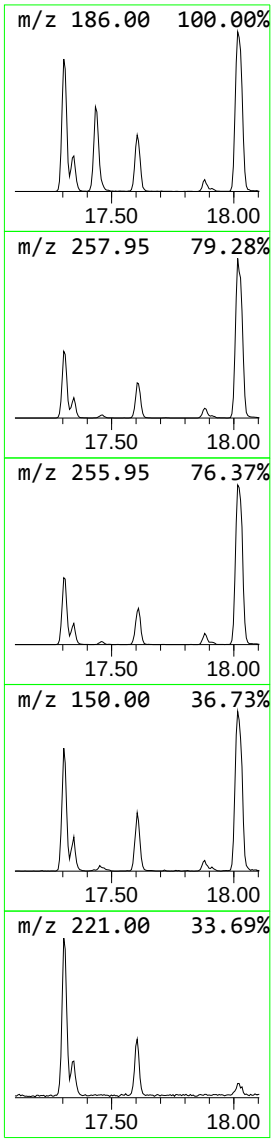
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 1,1'-Biphenyl, 2',3,4-trich... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.604	2.89 ng/ul	337501	Phenanthrene-d10	17.434

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	99
2	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	99
3	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	99
4	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99
5	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	99





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Sample : 01991-08
Misc :
ALS Vial : 53 Sample Multiplier: 1

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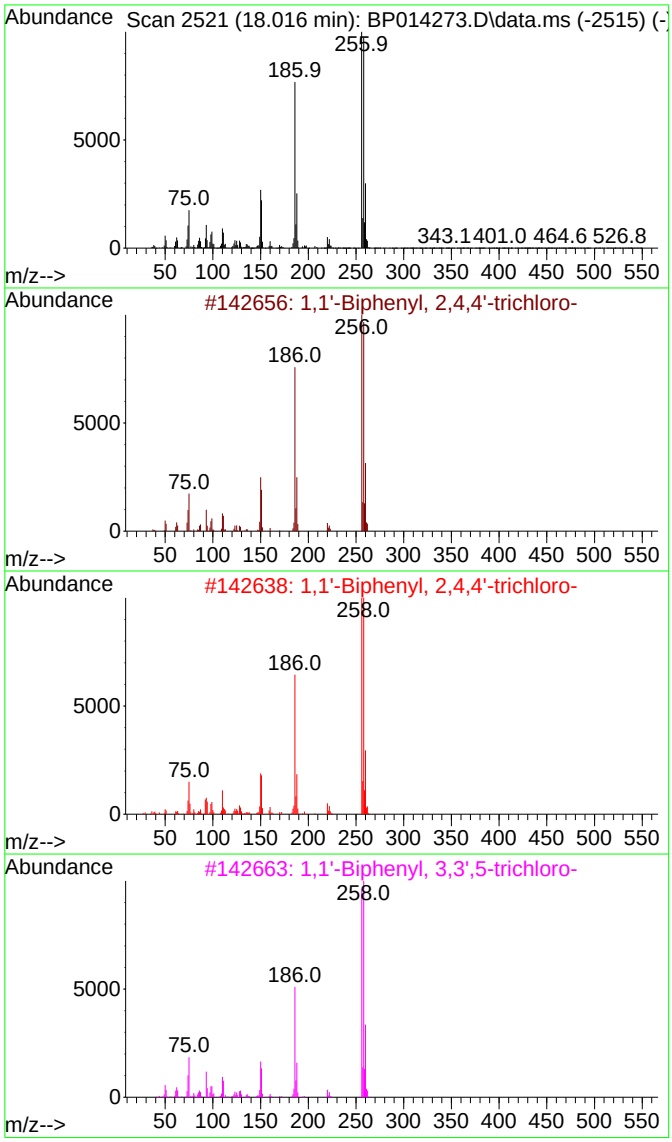
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

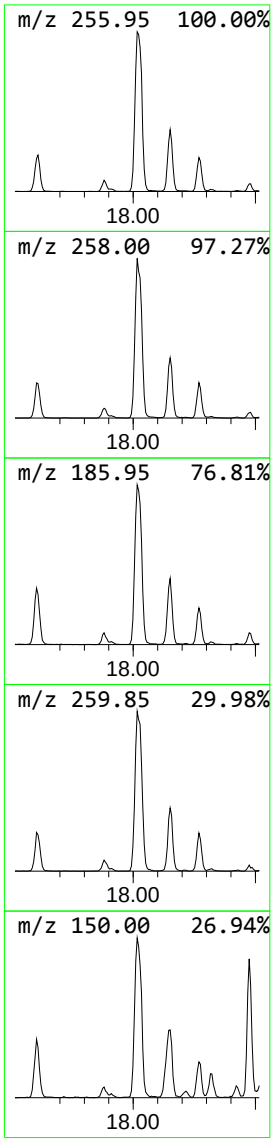
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.016	11.73 ng/ul	1369520	Phenanthrene-d10	17.434

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, 3,3',5-trichloro-	256	C12H7Cl3	038444-87-0	99
4	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	99
5	1,1'-Biphenyl, 3,4',5-trichloro-	256	C12H7Cl3	038444-88-1	99





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Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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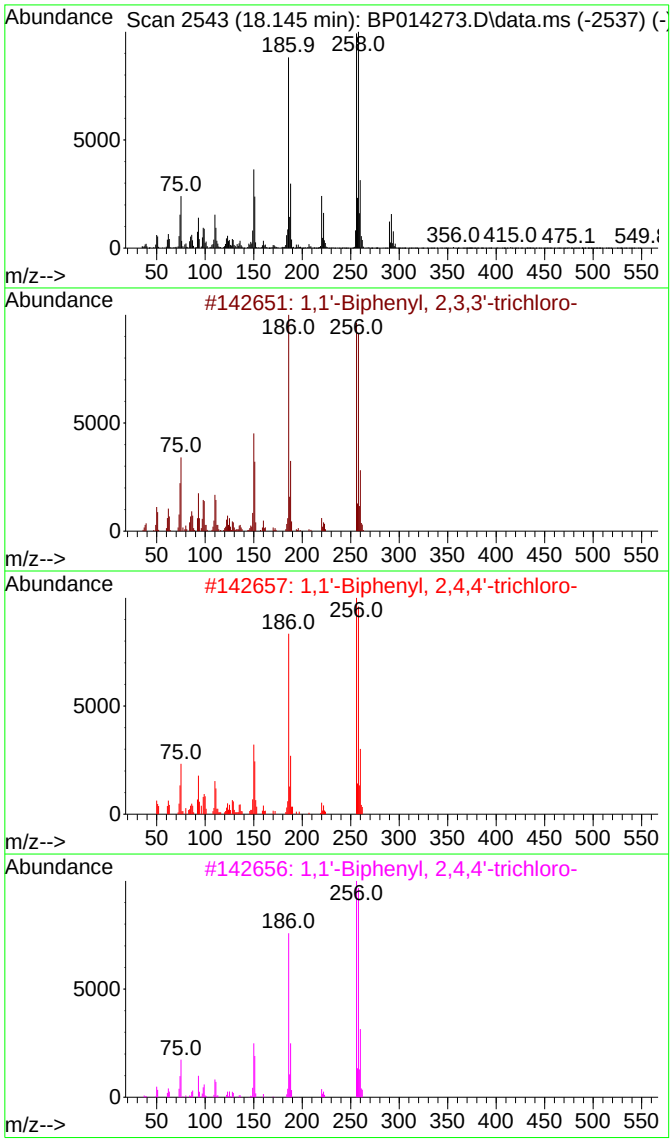
Quant Title : SVOA CALIBRATION

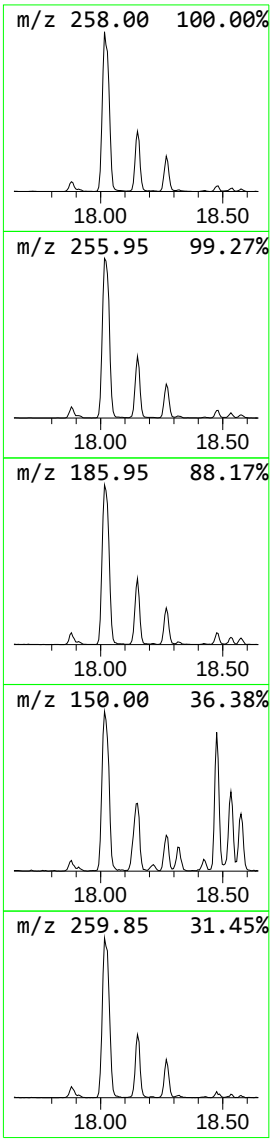
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 1,1'-Biphenyl, 2,3,3'-trich... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.145	4.66 ng/ul	543931	Phenanthrene-d10	17.434

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	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, 2,3,4-trichloro-	256	C12H7Cl3	055702-46-0	98
5	1,1'-Biphenyl, 3,4',5-trichloro-	256	C12H7Cl3	038444-88-1	97





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Operator : CG/JU
Sample : 01991-08
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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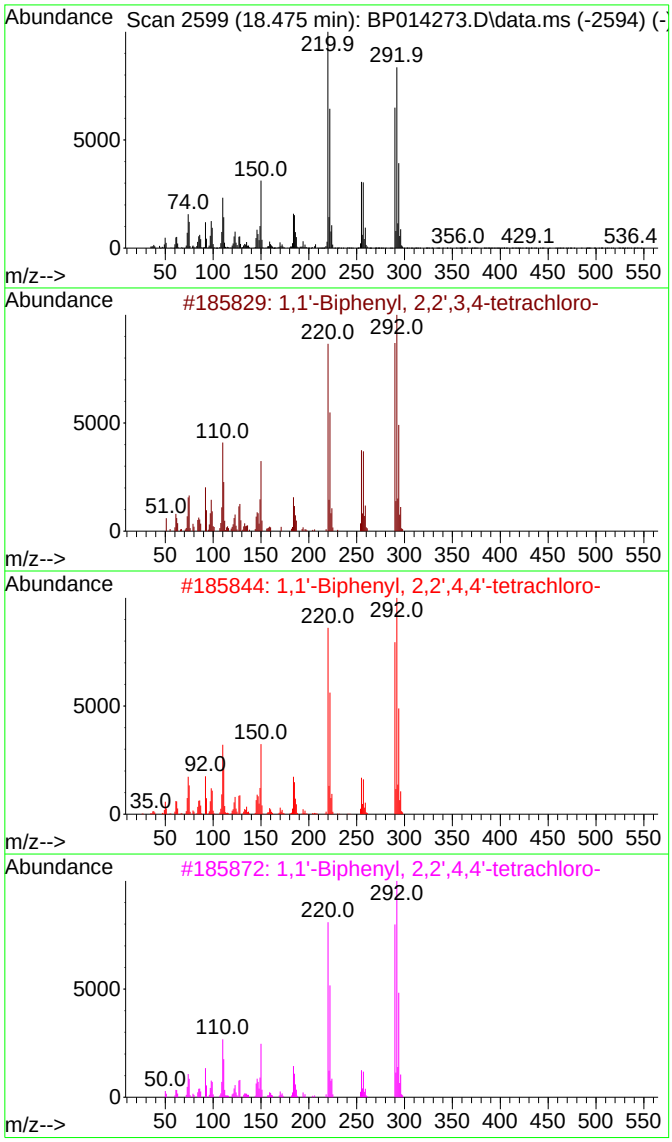
Quant Title : SVOA CALIBRATION

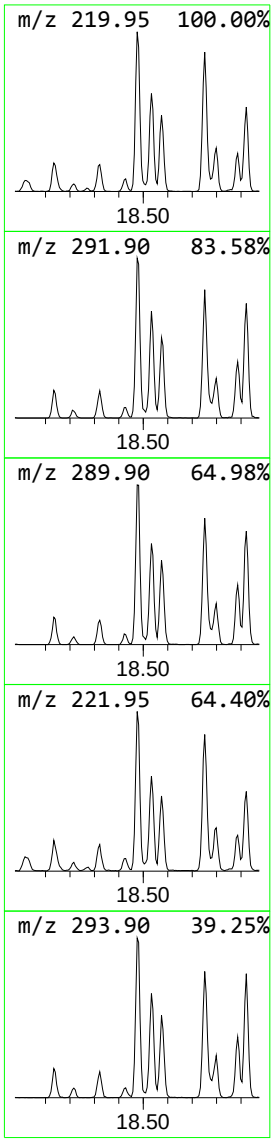
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 1,1'-Biphenyl, 2,2',3,4-tet... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.475	7.95 ng/ul	928255	Phenanthrene-d10	17.434

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',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
3	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	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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Sample : 01991-08
Misc :
ALS Vial : 53 Sample Multiplier: 1

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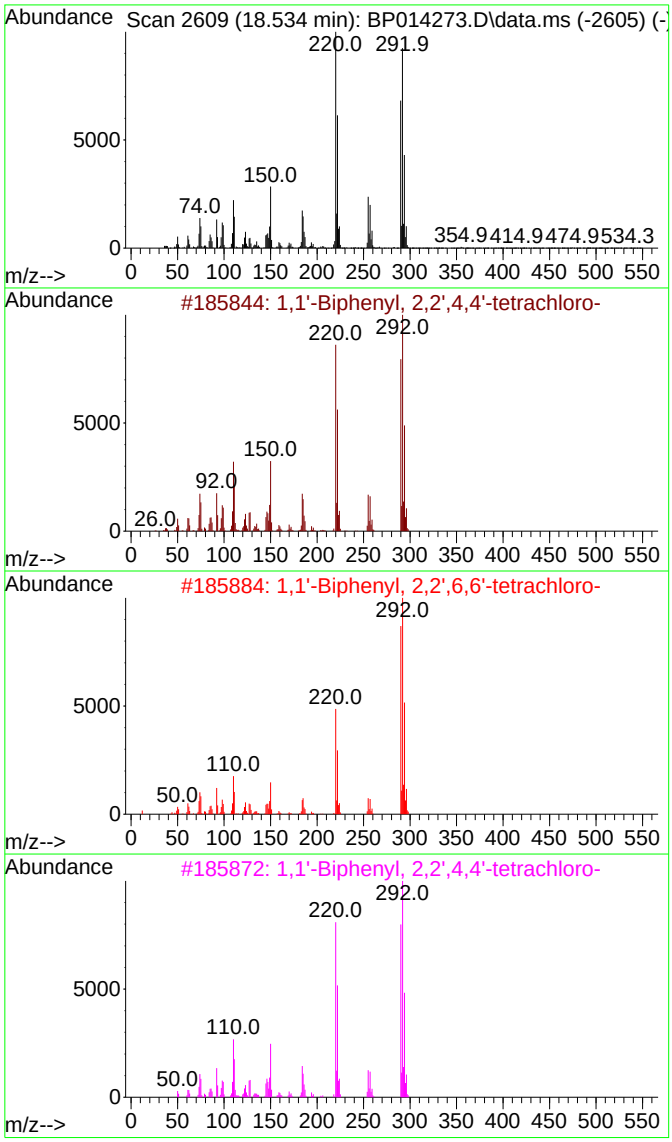
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

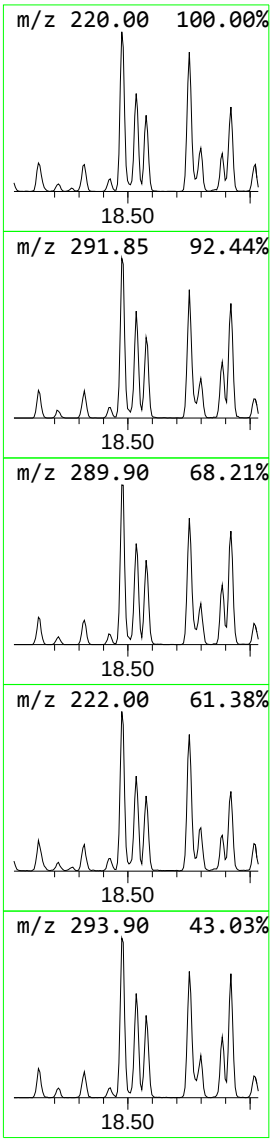
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 1,1'-Biphenyl, 2,2',4,4'-te... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.534	4.87 ng/ul	568308	Phenanthrene-d10	17.434

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',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
3	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
4	2,3,4',5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-34-7	99
5	2,3,3',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-33-6	99





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Operator : CG/JU
Sample : 01991-08
Misc :
ALS Vial : 53 Sample Multiplier: 1

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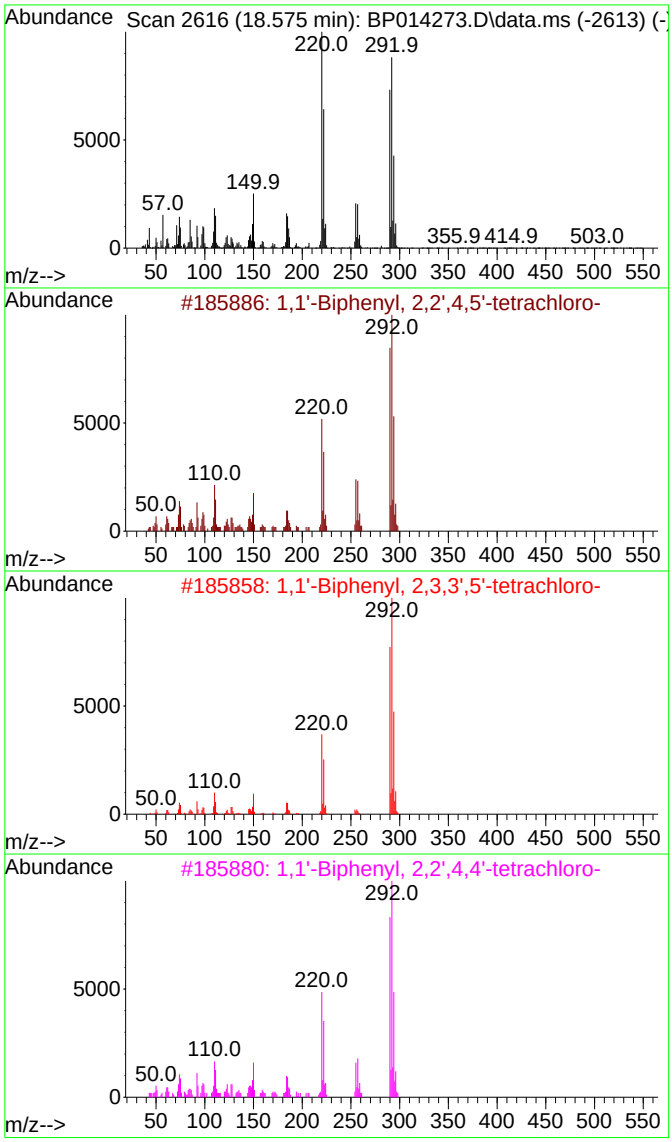
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

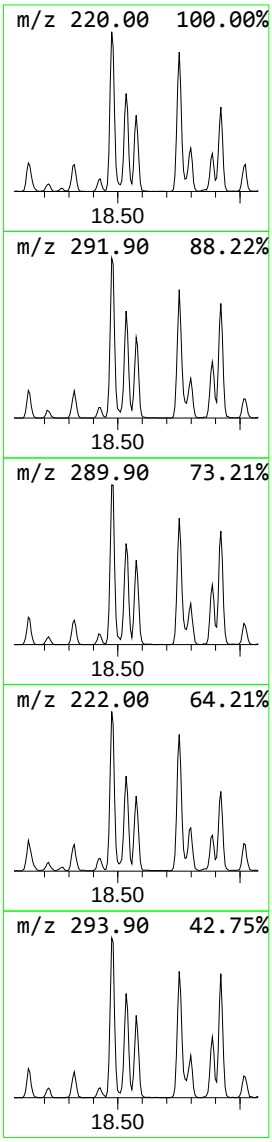
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 1,1'-Biphenyl, 2,2',4,5'-te... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.575	3.78 ng/ul	441552	Phenanthrene-d10	17.434

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	99
2	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99
3	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
4	2,3,3',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-33-6	99
5	2,3',4,5'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	073575-52-7	99





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ALS Vial : 53 Sample Multiplier: 1

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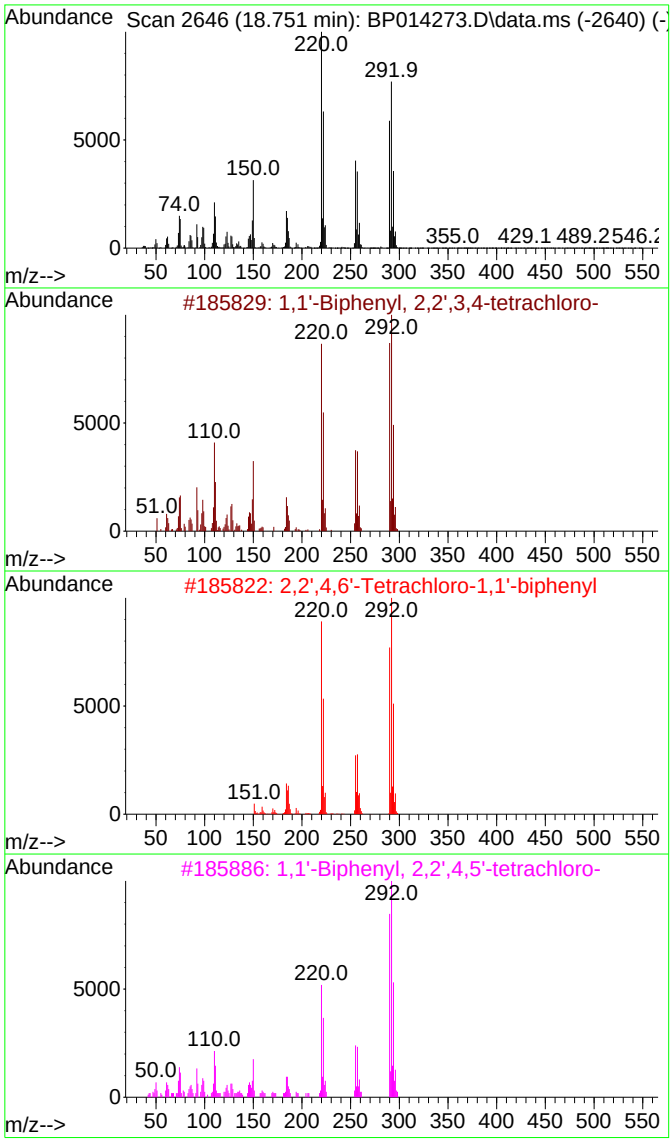
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

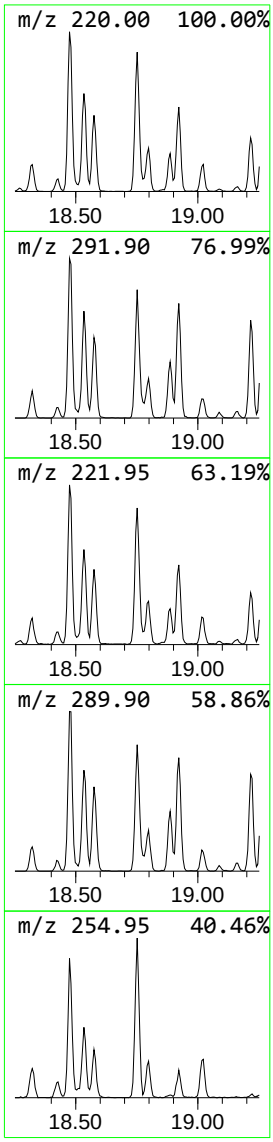
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 2,2',4,6'-Tetrachloro-1,1'-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.751	7.13 ng/ul	832437	Phenanthrene-d10	17.434

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	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	2,2',4,6'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	068194-04-7	99
5	1,1'-Biphenyl, 2,2',3,5'-tetrach...	290	C12H6Cl4	041464-39-5	99





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Sample : 01991-08
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ALS Vial : 53 Sample Multiplier: 1

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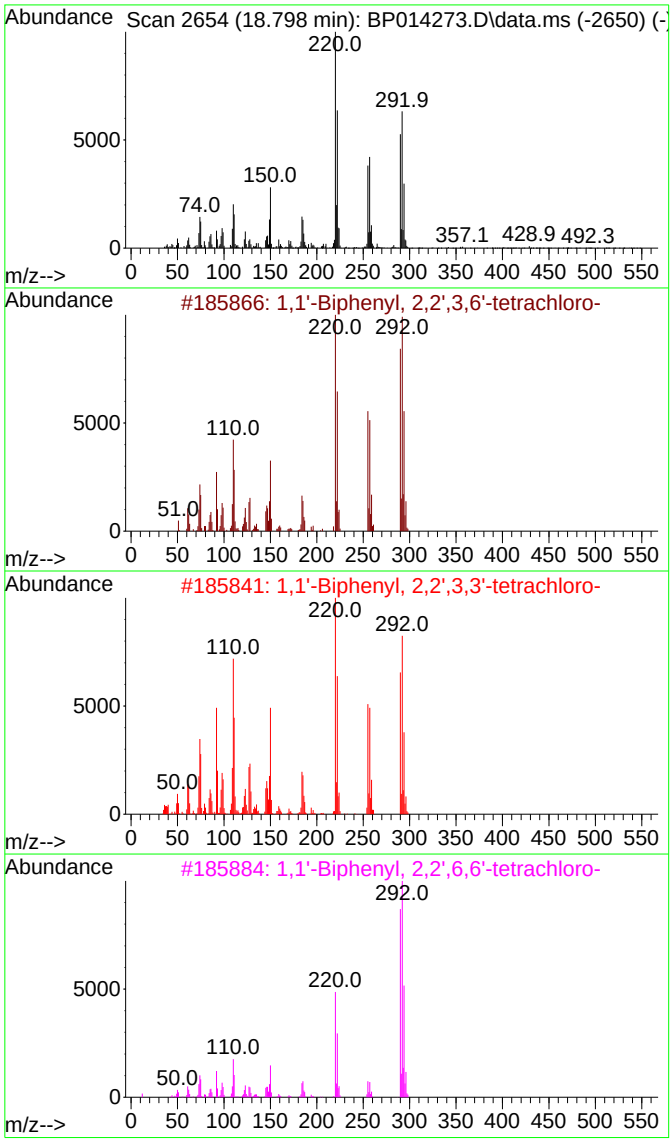
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

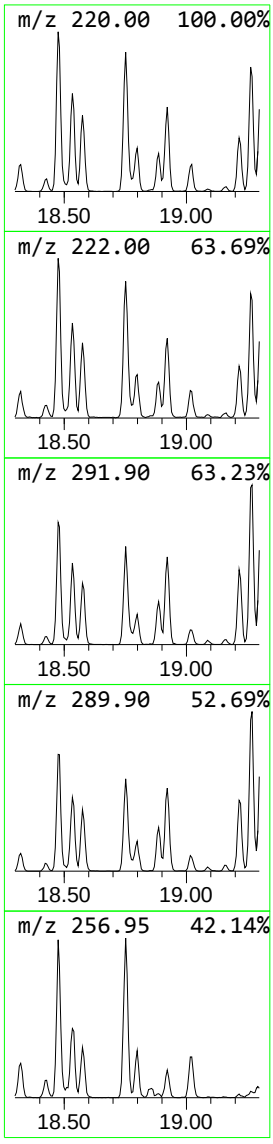
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 1,1'-Biphenyl, 2,2',3,6'-te... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.798	2.22 ng/ul	259200	Phenanthrene-d10	17.434

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,6'-tetrach...	290	C12H6Cl4	041464-47-5	96
2	1,1'-Biphenyl, 2,2',3,3'-tetrach...	290	C12H6Cl4	038444-93-8	96
3	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	95
4	1,1'-Biphenyl, 2,2',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	95
5	2,2',4,6'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	068194-04-7	95





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ALS Vial : 53 Sample Multiplier: 1

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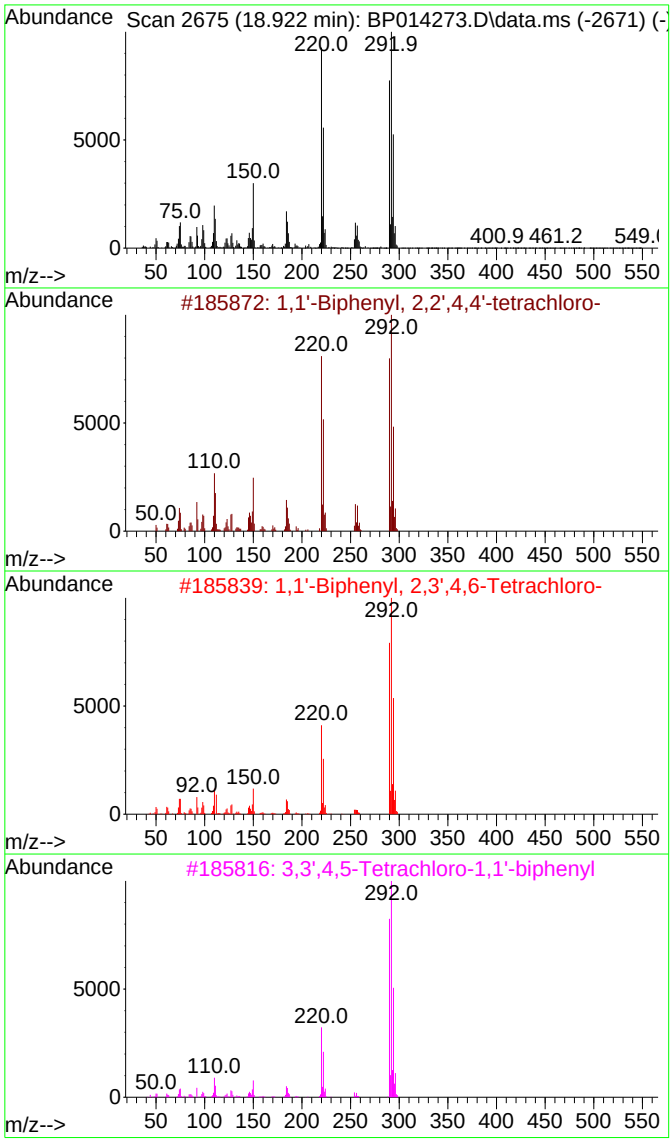
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

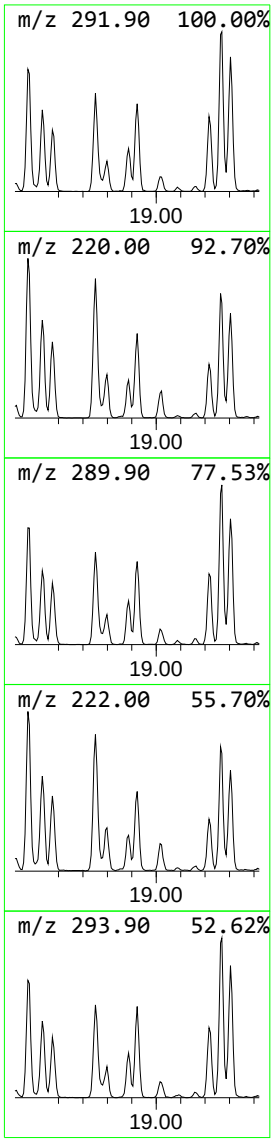
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 1,1'-Biphenyl, 2,2',4,4'-te... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.922	4.33 ng/ul	505391	Phenanthrene-d10	17.434

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, 2,3',4,6-Tetrachl...	290	C12H6Cl4	060233-24-1	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, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99





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Data File : BP014273.D
Acq On : 24 Mar 2023 00:25
Operator : CG/JU
Sample : 01991-08
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E0284

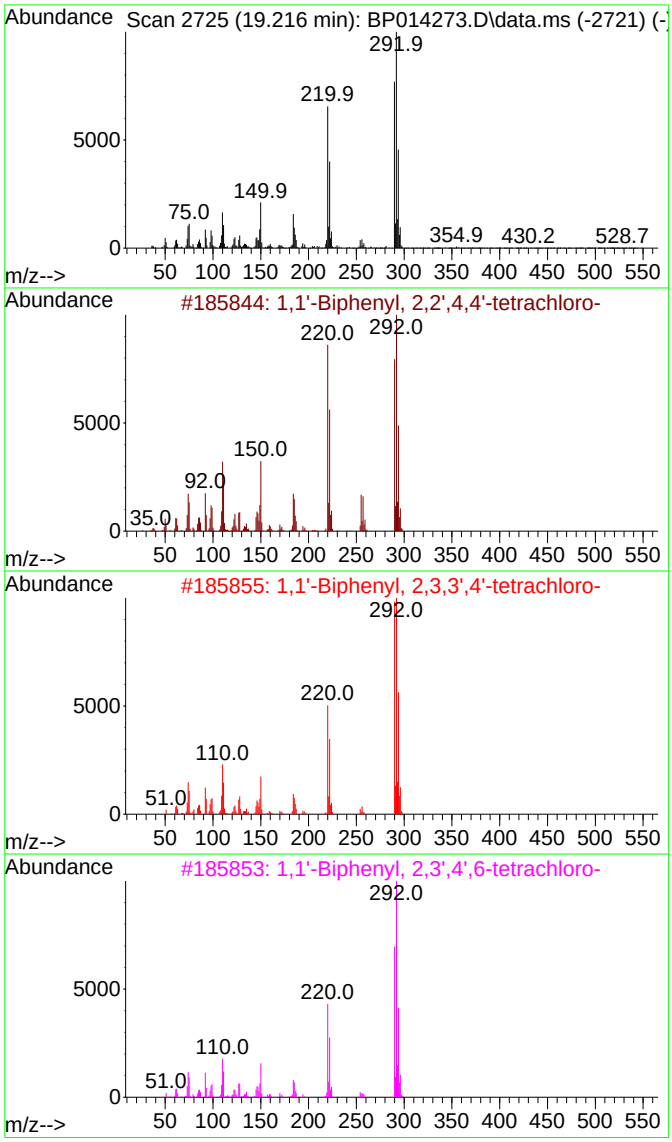
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

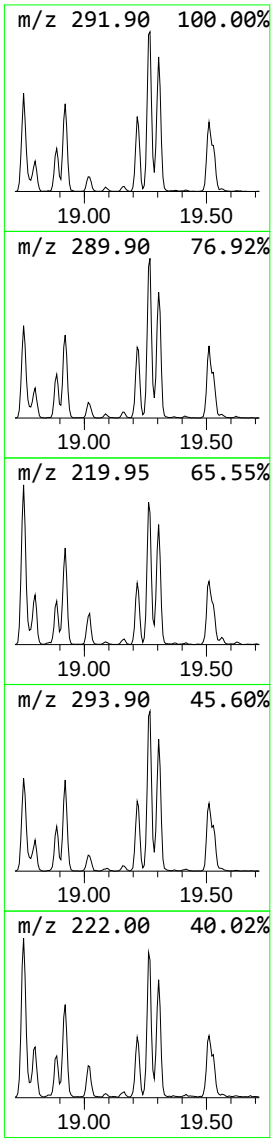
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.216	3.10 ng/ul	362527	Phenanthrene-d10	17.434

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, 2,3,3',4'-tetrach...	290	C12H6Cl4	041464-43-1	99
3	1,1'-Biphenyl, 2,3',4',6-tetrach...	290	C12H6Cl4	041464-46-4	99
4	2,3',5',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074338-23-1	99
5	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99





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Acq On : 24 Mar 2023 00:25
Operator : CG/JU
Sample : 01991-08
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E0284

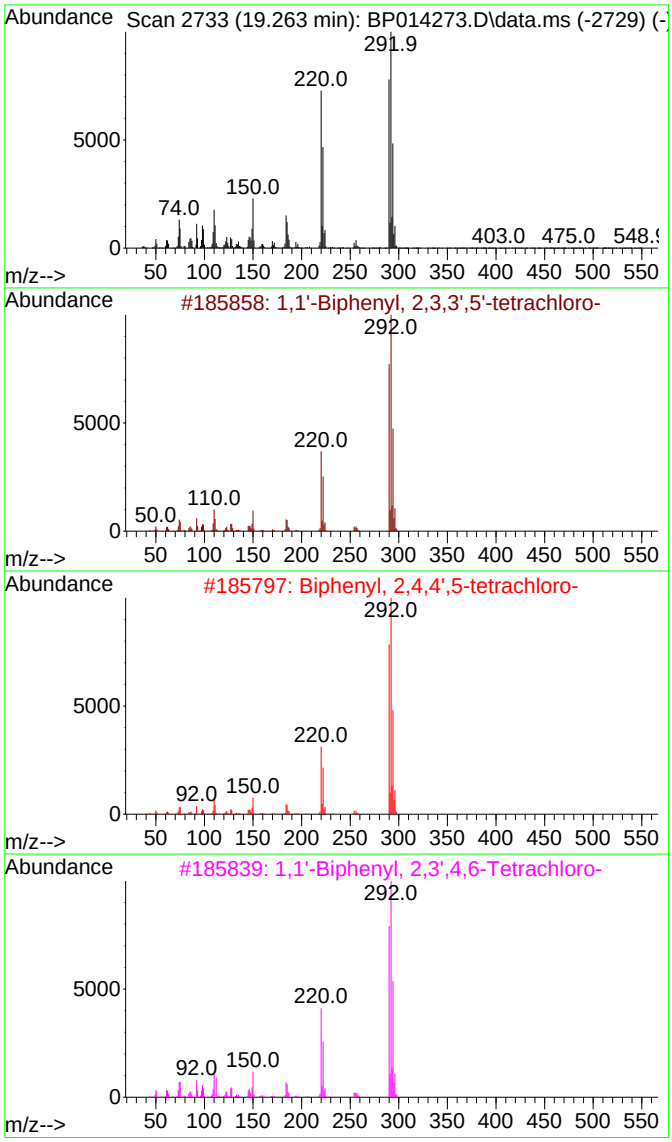
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

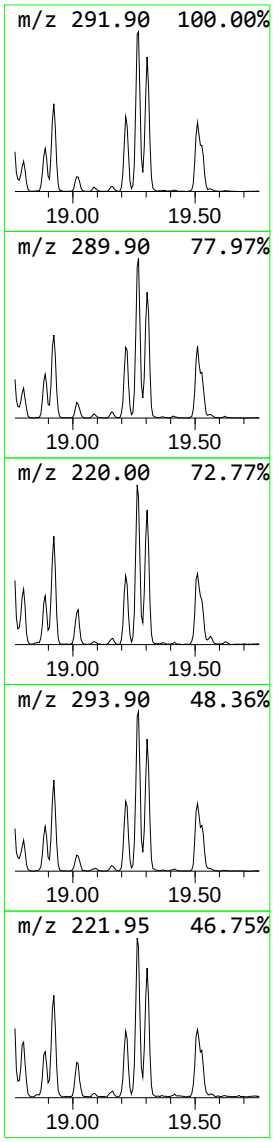
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 1,1'-Biphenyl, 2,3,3',5'-te... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.263	7.24 ng/ul	845776	Phenanthrene-d10	17.434

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99
2	Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	99
3	1,1'-Biphenyl, 2,3',4,6-Tetrachl...	290	C12H6Cl4	060233-24-1	99
4	1,1'-Biphenyl, 2,3,3',4'-tetrach...	290	C12H6Cl4	041464-43-1	99
5	1,1'-Biphenyl, 3,3',4,5'-tetrach...	290	C12H6Cl4	041464-48-6	99





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Acq On : 24 Mar 2023 00:25
Operator : CG/JU
Sample : 01991-08
Misc :
ALS Vial : 53 Sample Multiplier: 1

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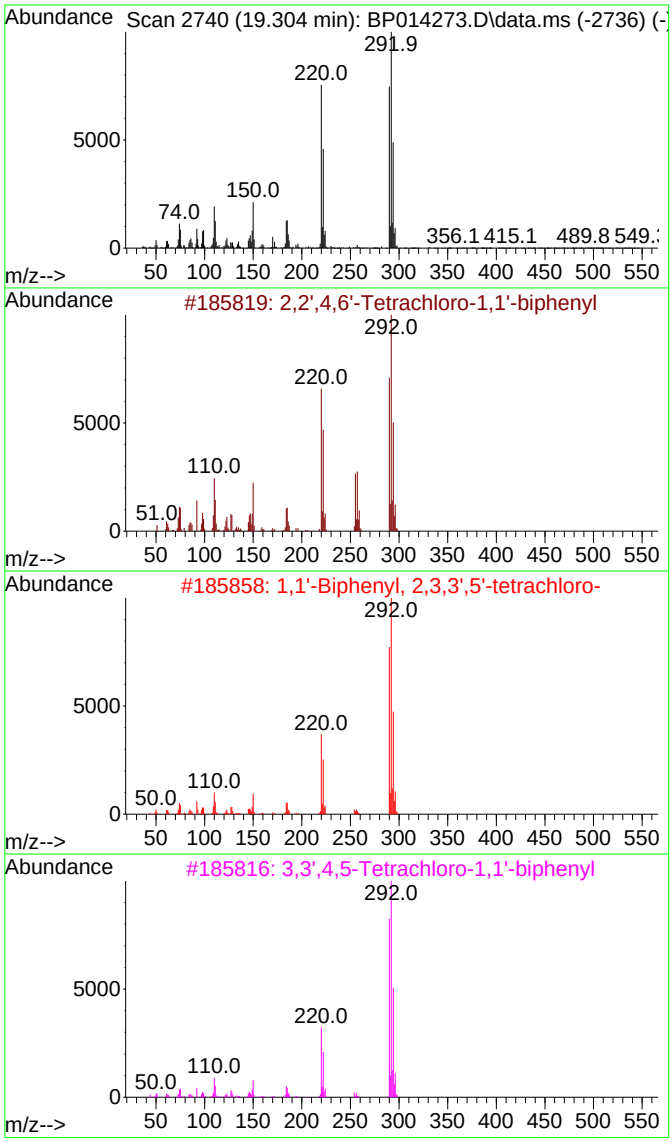
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

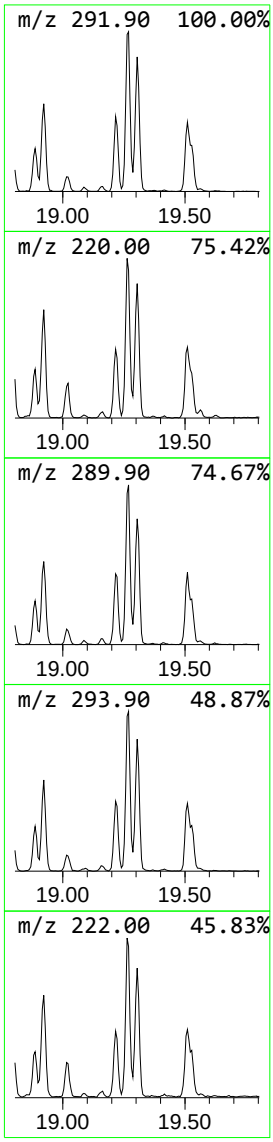
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 3,3',4,5-Tetrachloro-1,1'-b... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.304	6.95 ng/ul	811944	Phenanthrene-d10	17.434

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	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99
3	3,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-49-1	99
4	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99
5	1,1'-Biphenyl, 3,3',4,5'-tetrach...	290	C12H6Cl4	041464-48-6	99





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Acq On : 24 Mar 2023 00:25
Operator : CG/JU
Sample : 01991-08
Misc :
ALS Vial : 53 Sample Multiplier: 1

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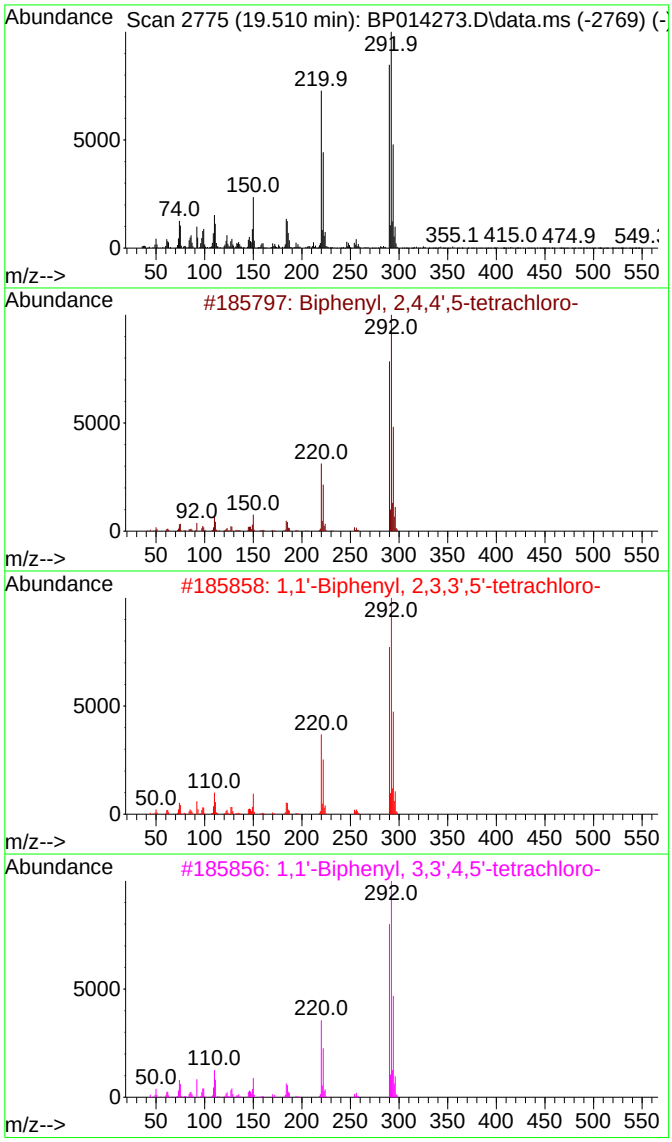
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

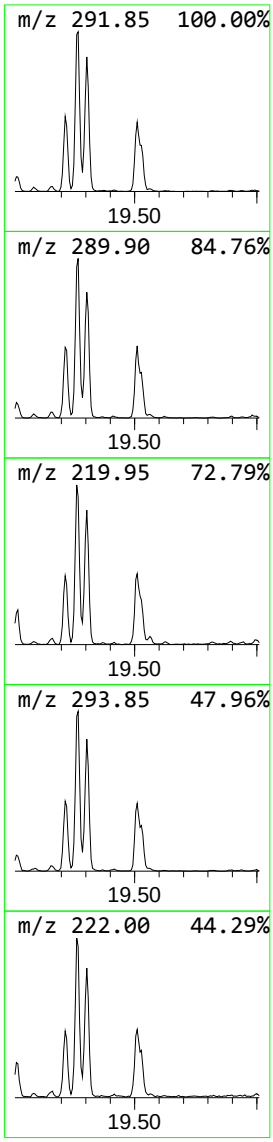
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Biphenyl, 2,4,4',5-tetrachl... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.510	4.41 ng/ul	614050	Chrysene-d12	21.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	99
2	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99
3	1,1'-Biphenyl, 3,3',4,5'-tetrach...	290	C12H6Cl4	041464-48-6	99
4	2,3,3',4-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074338-24-2	99
5	2,3,4',5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-34-7	99





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Data File : BP014273.D
Acq On : 24 Mar 2023 00:25
Operator : CG/JU
Sample : 01991-08
Misc :
ALS Vial : 53 Sample Multiplier: 1

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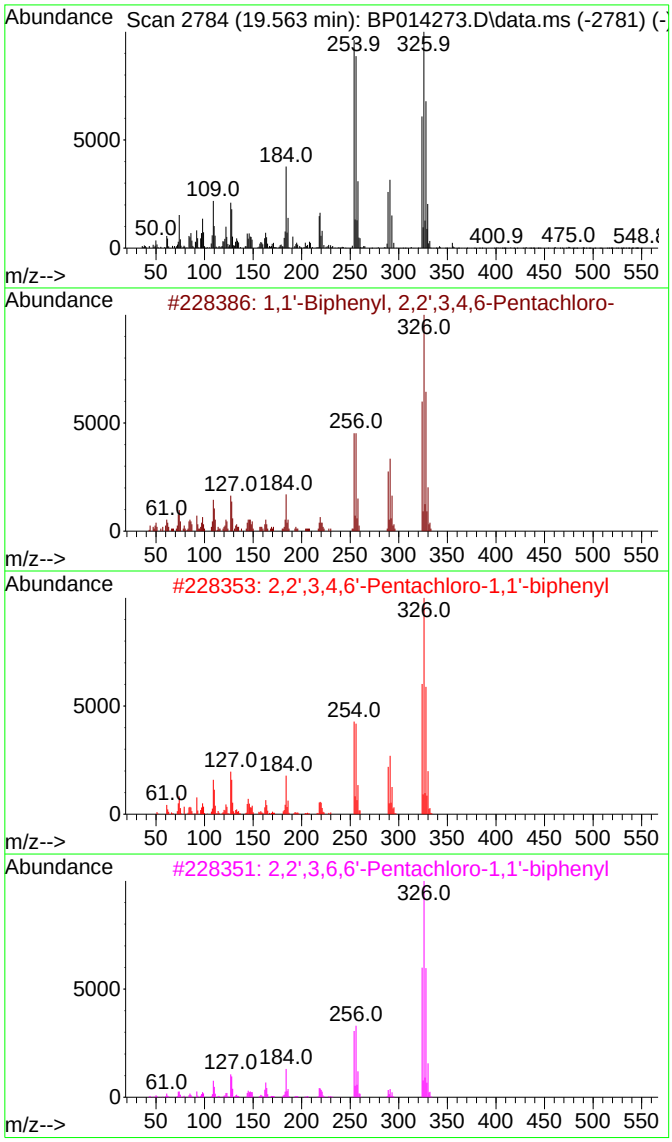
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

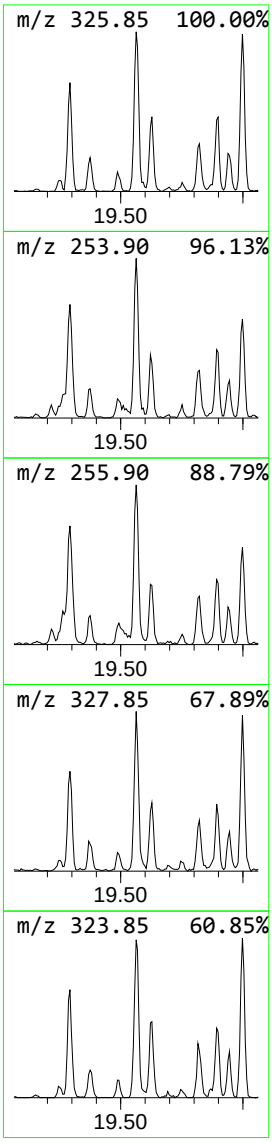
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 1,1'-Biphenyl, 2,2',3,4,6-P... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.563	2.24 ng/ul	312023	Chrysene-d12	21.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,6-Pentac...	324	C12H5Cl5	055215-17-3	99
2	2,2',3,4,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-57-2	99
3	2,2',3,6,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-54-9	99
4	2,2',3,4',5-Pentachloro-1,1'-bip...	324	C12H5Cl5	068194-07-0	98
5	1,1'-Biphenyl, 2,2',3,4,6-Pentac...	324	C12H5Cl5	055215-17-3	98





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032223\
Data File : BP014273.D
Acq On : 24 Mar 2023 00:25
Operator : CG/JU
Sample : 01991-08
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E0284

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: C...	3.223	2.2	ng/ul	84398	1	8.034	765411	20.0
(DEL) Alkane: S...	3.311	58.3	ng/ul	2231900	1	8.034	765411	20.0
(DEL) Alkane: C...	3.664	2.2	ng/ul	85386	1	8.034	765411	20.0
Benzene, chloro-	5.311	3.7	ng/ul	140666	1	8.034	765411	20.0
Benzene, 1-brom...	9.546	7.6	ng/ul	403926	2	10.858	1059770	20.0
Benzene, 1-brom...	9.863	10.3	ng/ul	548012	2	10.858	1059770	20.0
1,1'-Biphenyl, ...	17.304	5.8	ng/ul	676331	4	17.434	2335590	20.0
1,1'-Biphenyl, ...	17.604	2.9	ng/ul	337501	4	17.434	2335590	20.0
1,1'-Biphenyl, ...	18.016	11.7	ng/ul	1369520	4	17.434	2335590	20.0
1,1'-Biphenyl, ...	18.145	4.7	ng/ul	543931	4	17.434	2335590	20.0
1,1'-Biphenyl, ...	18.475	8.0	ng/ul	928255	4	17.434	2335590	20.0
1,1'-Biphenyl, ...	18.534	4.9	ng/ul	568308	4	17.434	2335590	20.0
1,1'-Biphenyl, ...	18.575	3.8	ng/ul	441552	4	17.434	2335590	20.0
2,2',4,6'-Tetra...	18.751	7.1	ng/ul	832437	4	17.434	2335590	20.0
1,1'-Biphenyl, ...	18.798	2.2	ng/ul	259200	4	17.434	2335590	20.0
1,1'-Biphenyl, ...	18.922	4.3	ng/ul	505391	4	17.434	2335590	20.0
1,1'-Biphenyl, ...	19.216	3.1	ng/ul	362527	4	17.434	2335590	20.0
1,1'-Biphenyl, ...	19.263	7.2	ng/ul	845776	4	17.434	2335590	20.0
3,3',4,5-Tetrac...	19.304	7.0	ng/ul	811944	4	17.434	2335590	20.0
Biphenyl, 2,4,4...	19.510	4.4	ng/ul	614050	5	21.516	2782420	20.0
1,1'-Biphenyl, ...	19.563	2.2	ng/ul	312023	5	21.516	2782420	20.0