LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
Data File : BP013535.D
Acq On : 18 Jan 2023 22:46
Operator : CG/JU
Sample : 01146-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4424

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-BP010523.M
Title : SVOA CALIBRATION

Signal : TIC: BP013535.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.293	14	18	29	rVB	131619	207825	1.89%	0.134%
2	3.716	87	90	107	rBV	1356574	2158770	19.64%	1.395%
3	4.040	142	145	149	rVB	32055	45382	0.41%	0.029%
4	4.975	300	304	305	rBV	24873	28979	0.26%	0.019%
5	7.057	651	658	668	rBV	1656704	2593190	23.59%	1.676%
6	7.228	680	687	698	rBV	1318082	2056716	18.71%	1.329%
7	7.422	713	720	730	rBV	1675501	2653504	24.14%	1.715%
8	7.646	754	758	763	rVB8	9553	15482	0.14%	0.010%
9	7.899	793	801	807	rBV	1740434	2747818	25.00%	1.776%
10	7.957	807	811	817	rVB2	25388	39420	0.36%	0.025%
11	8.299	864	869	873	rVB8	6607	11806	0.11%	0.008%
12	8.610	914	922	936	rBV	1929998	3159267	28.74%	2.042%
13	8.799	951	954	965	rVB	8421	19196	0.17%	0.012%
14	9.063	992	999	1008	rBV	1543298	2554638	23.24%	1.651%
15	9.222	1023	1026	1032	rVB8	14197	27299	0.25%	0.018%
16	9.457	1061	1066	1072	rVB2	39107	57213	0.52%	0.037%
17	9.528	1075	1078	1084	rBV8	10323	16335	0.15%	0.011%
18	9.787	1112	1122	1131	rBV	1342731	2194317	19.96%	1.418%
19	10.022	1157	1162	1166	rBV8	8334	16066	0.15%	0.010%
20	10.216	1190	1195	1203	rVB8	10930	25993	0.24%	0.017%
21	10.328	1207	1214	1225	rBV	1984872	3236013	29.44%	2.091%
22	10.704	1271	1278	1287	rBV	2316254	3854693	35.07%	2.491%
23	10.845	1295	1302	1317	rBV	1781122	3143236	28.60%	2.032%
24	11.492	1408	1412	1415	rBV6	8928	15684	0.14%	0.010%
25	12.110	1515	1517	1521	rVB5	11374	13978	0.13%	0.009%
26	12.292	1543	1548	1553	rBV	31758	51390	0.47%	0.033%
27	13.063	1674	1679	1682	rBV7	8155	13443	0.12%	0.009%
28	13.357	1723	1729	1732	rBV4	26627	34048	0.31%	0.022%
29	13.510	1749	1755	1758	rVB8	8404	12119	0.11%	0.008%
30	13.757	1793	1797	1802	rVB6	12667	19333	0.18%	0.012%
31	13.951	1822	1830	1839	rBV	3060346	4211004	38.31%	2.722%
32	14.069	1845	1850	1855	rVB8	19004	29064	0.26%	0.019%
33	14.239	1872	1879	1890	rVV	3587439	5375493	48.91%	3.474%
34	14.428	1907	1911	1915	rVB7	14968	24481	0.22%	0.016%
35	14.545	1922	1931	1941	rBV	3276224	4838445	44.02%	3.127%
36	14.751	1958	1966	1985	rBV	947645	1719556	15.64%	1.111%

LSC Area Percent Report

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Data File : BP013535.D
Acq On : 18 Jan 2023 22:46
Operator : CG/JU
Sample : 01146-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4424

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-BP010523.M
Title : SVOA CALIBRATION

37	14.951	1996	2000	2007	rVB10	18627	36272	0.33%	0.023%
38	15.381	2070	2073	2076	rVB5	13462	15007	0.14%	0.010%
39	15.539	2093	2100	2109	rBV	4559637	6352517	57.80%	4.106%
40	15.663	2115	2121	2132	rBV	1146497	1610187	14.65%	1.041%
41	15.798	2137	2144	2147	rBV	223992	369390	3.36%	0.239%
42	15.904	2156	2162	2167	rBV	368177	496476	4.52%	0.321%
43	16.133	2196	2201	2206	rBV	96053	124545	1.13%	0.080%
44	16.410	2244	2248	2254	rVB5	22021	32001	0.29%	0.021%
45	16.528	2263	2268	2274	rVB	80677	117268	1.07%	0.076%
46	16.686	2292	2295	2301	rVB7	13535	20012	0.18%	0.013%
47	16.827	2313	2319	2325	rVB	783907	1032359	9.39%	0.667%
48	17.051	2354	2357	2358	rBV3	14217	13312	0.12%	0.009%
49	17.175	2373	2378	2381	rBV2	792915	1126515	10.25%	0.728%
50	17.210	2381	2384	2391	rVV	2031487	2710803	24.66%	1.752%
51	17.298	2391	2399	2411	rVV2	3900818	8128573	73.95%	5.254%
52	17.398	2411	2416	2423	rVV	4419498	6228360	56.67%	4.025%
53	17.480	2424	2430	2437	rVB	1856704	2686517	24.44%	1.736%
54	17.675	2458	2463	2471	rBV8	45429	100806	0.92%	0.065%
55	17.751	2471	2476	2479	rBV	560998	761615	6.93%	0.492%
56	17.780	2479	2481	2486	rVB	452295	538044	4.90%	0.348%
57	17.898	2494	2501	2508	rBV	6155943	10991445	100.00%	7.104%
58	18.010	2515	2520	2528	rBV3	793218	1455446	13.24%	0.941%
59	18.086	2529	2533	2537	rBV	205173	249820	2.27%	0.161%
60	18.139	2537	2542	2546	rBV	2287221	2975005	27.07%	1.923%
61	18.192	2546	2551	2557	rVB2	850715	1567988	14.27%	1.013%
62	18.298	2565	2569	2573	rBV	312547	382255	3.48%	0.247%
63	18.351	2573	2578	2584	rVV	2485568	3258560	29.65%	2.106%
64	18.410	2584	2588	2592	rVV	2092323	2577353	23.45%	1.666%
65	18.451	2592	2595	2600	rVB	1793600	2051447	18.66%	1.326%
66	18.586	2615	2618	2620	rBV3	61896	72290	0.66%	0.047%
67	18.627	2620	2625	2630	rVV	2491208	3386207	30.81%	2.189%
68	18.674	2630	2633	2637	rVV	961750	1175468	10.69%	0.760%
69	18.727	2637	2642	2645	rVV	1303857	1729151	15.73%	1.118%
70	18.763	2645	2648	2650	rVV	870124	1027906	9.35%	0.664%
71	18.798	2650	2654	2659	rVB	1956736	2440716	22.21%	1.577%
72	18.892	2666	2670	2676	rVB	508587	639881	5.82%	0.414%
73	18.963	2679	2682	2686	rVV2	85495	110771	1.01%	0.072%
74	19.039	2692	2695	2698	rVB2	80207	88363	0.80%	0.057%
75	19.092	2700	2704	2708	rBV	888387	1121921	10.21%	0.725%
76	19.145	2708	2713	2716	rVV	1423215	1854076	16.87%	1.198%

LSC Area Percent Report

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Acq On : 18 Jan 2023 22:46
Operator : CG/JU
Sample : 01146-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4424

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-BP010523.M
Title : SVOA CALIBRATION

77	19.180	2716	2719	2723	rVB2	1495242	1848633	16.82%	1.195%
78	19.251	2728	2731	2734	rBV3	106639	141481	1.29%	0.091%
79	19.386	2749	2754	2756	rBV	647445	929792	8.46%	0.601%
80	19.439	2760	2763	2768	rVV	379991	519273	4.72%	0.336%
81	19.504	2771	2774	2779	rVB2	149125	196998	1.79%	0.127%
82	19.633	2791	2796	2803	rBV	5210314	7066394	64.29%	4.567%
83	19.774	2817	2820	2824	rBV3	150507	169593	1.54%	0.110%
84	19.880	2834	2838	2842	rBV	262454	312772	2.85%	0.202%
85	20.180	2887	2889	2893	rVB2	216646	238268	2.17%	0.154%
86	21.086	3039	3043	3051	rBV	972665	1529798	13.92%	0.989%
87	21.286	3073	3077	3083	rVB	2460001	2603110	23.68%	1.682%
88	21.392	3090	3095	3102	rVB	4198783	5384228	48.99%	3.480%
89	23.680	3478	3484	3497	rVB2	4002175	8486897	77.21%	5.485%
90	23.839	3505	3511	3522	rVB	3234242	6417818	58.39%	4.148%

Sum of corrected areas: 154722899

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
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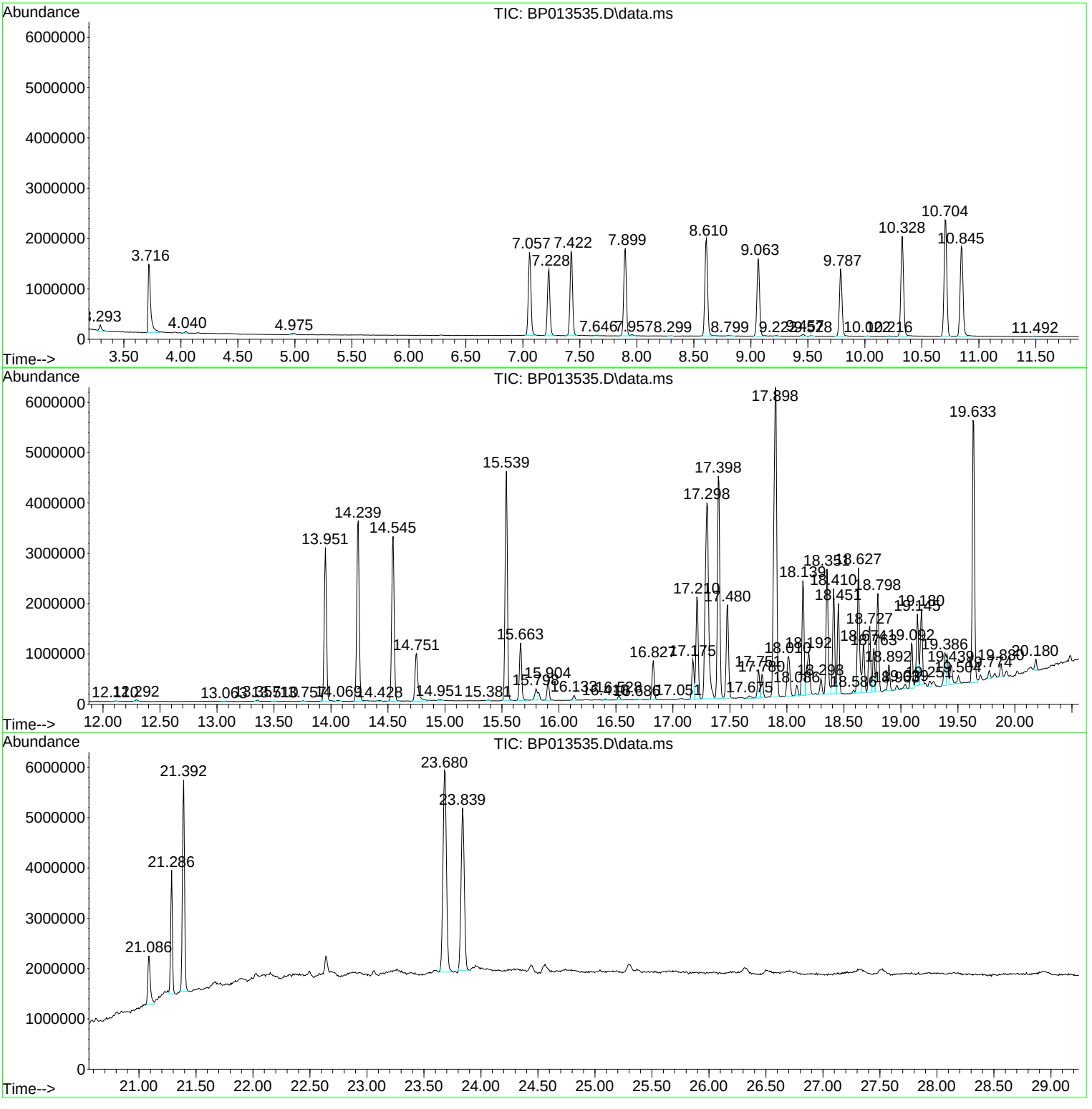
Acq On : 18 Jan 2023 22:46
Operator : CG/JU
Sample : 01146-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4424

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
Data File : BP013535.D
Acq On : 18 Jan 2023 22:46
Operator : CG/JU
Sample : 01146-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

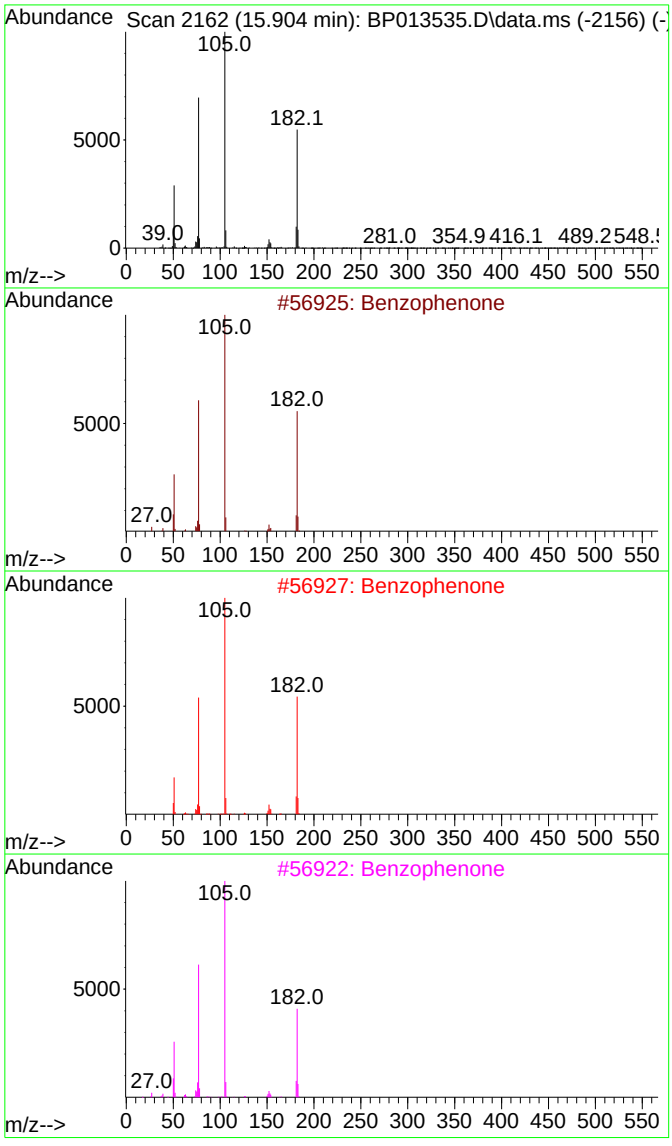
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

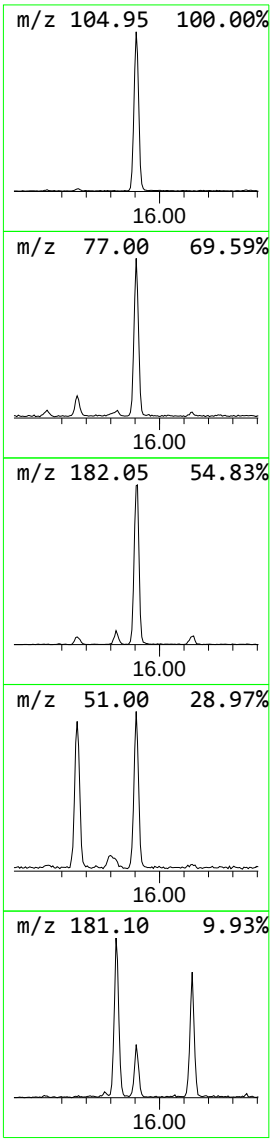
****

Peak Number 1 Benzophenone Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.904	2.05 ng/ul	496476	Acenaphthene-d10	14.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzophenone	182	C13H10O	000119-61-9	95
3	Benzophenone	182	C13H10O	000119-61-9	94
4	Benzophenone	182	C13H10O	000119-61-9	90
5	1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
Data File : BP013535.D
Acq On : 18 Jan 2023 22:46
Operator : CG/JU
Sample : 01146-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4424

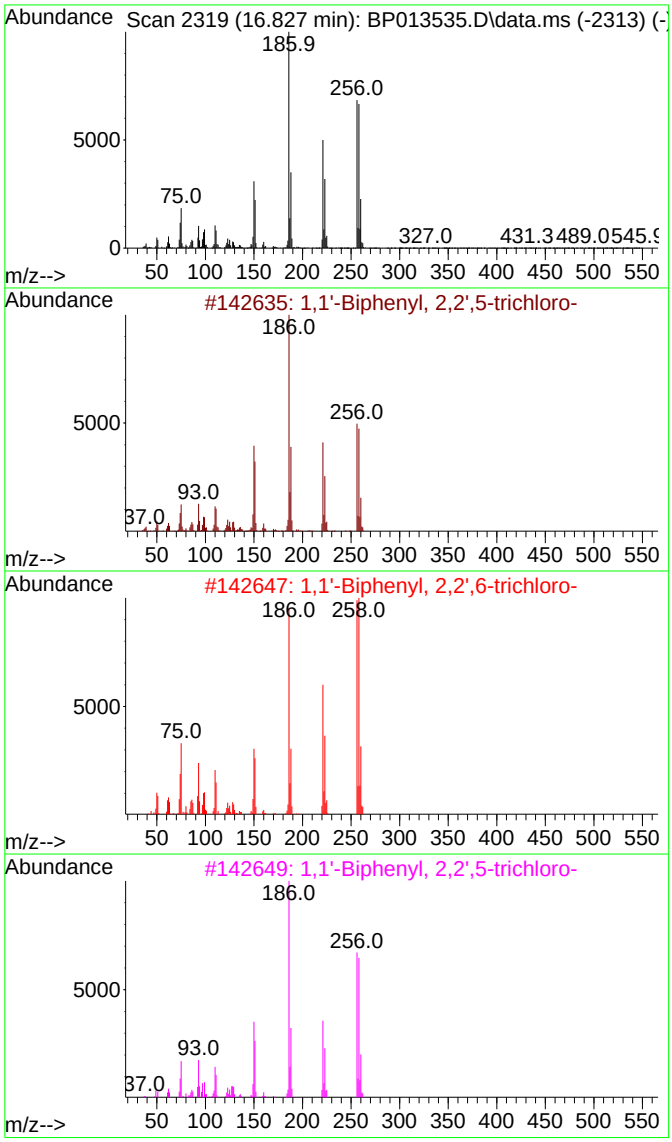
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

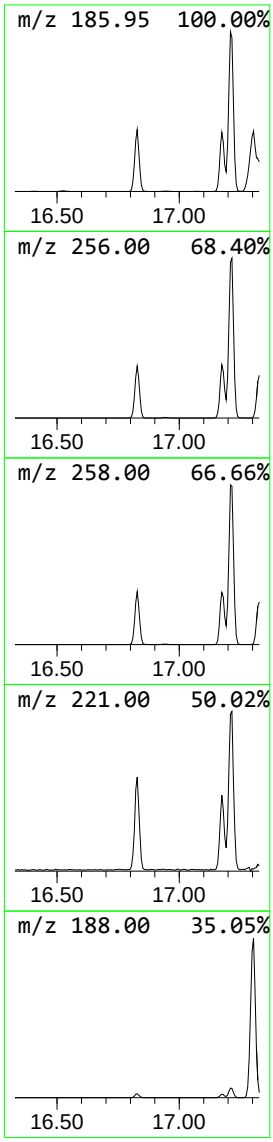
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 1,1'-Biphenyl, 2,2',5-trich... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.828	2.54 ng/ul	1032360	Phenanthrene-d10	17.304

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',6-trichloro-	256	C12H7Cl3	038444-73-4	99
3	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	99
4	2,2',3-Trichloro-1,1'-biphenyl	256	C12H7Cl3	038444-78-9	99
5	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
Data File : BP013535.D
Acq On : 18 Jan 2023 22:46
Operator : CG/JU
Sample : 01146-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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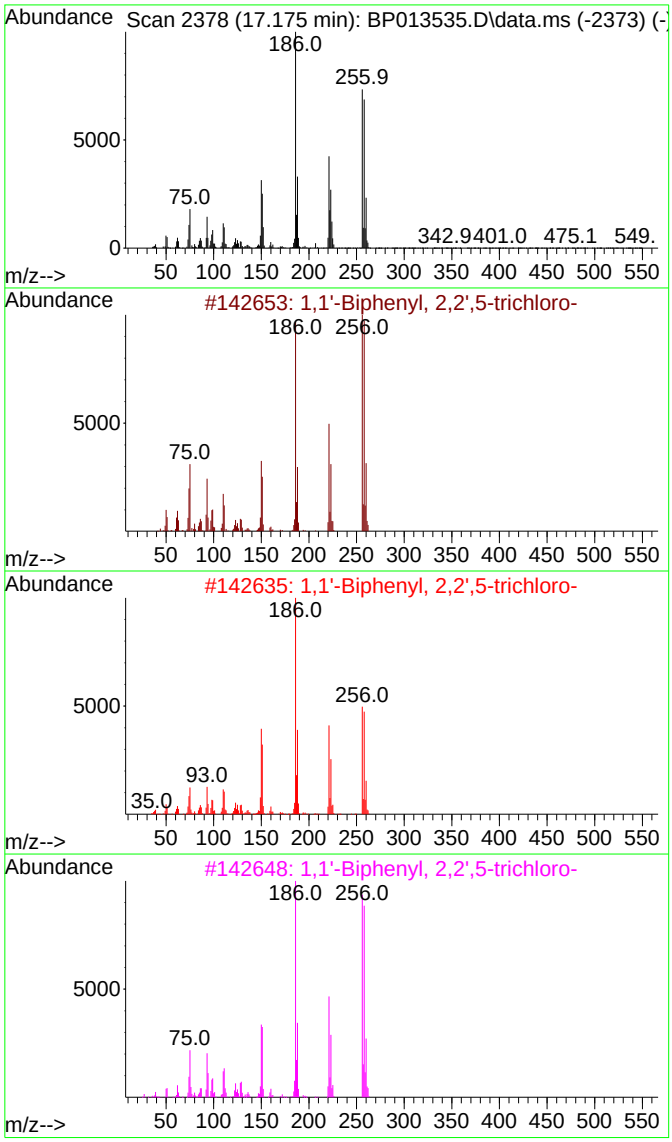
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

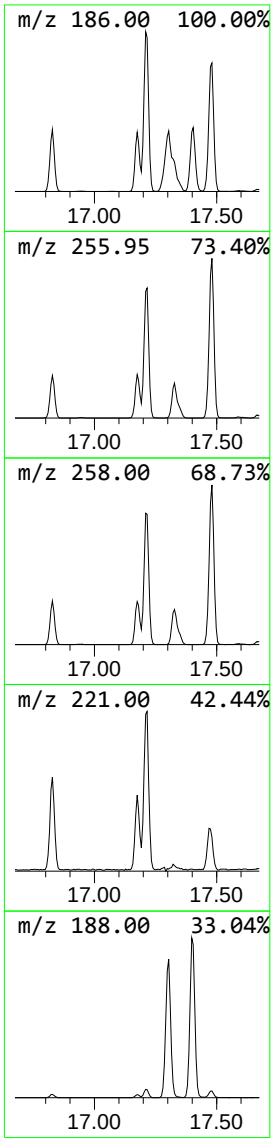
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.174	2.77 ng/ul	1126520	Phenanthrene-d10	17.304

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',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, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
Data File : BP013535.D
Acq On : 18 Jan 2023 22:46
Operator : CG/JU
Sample : 01146-13
Misc :
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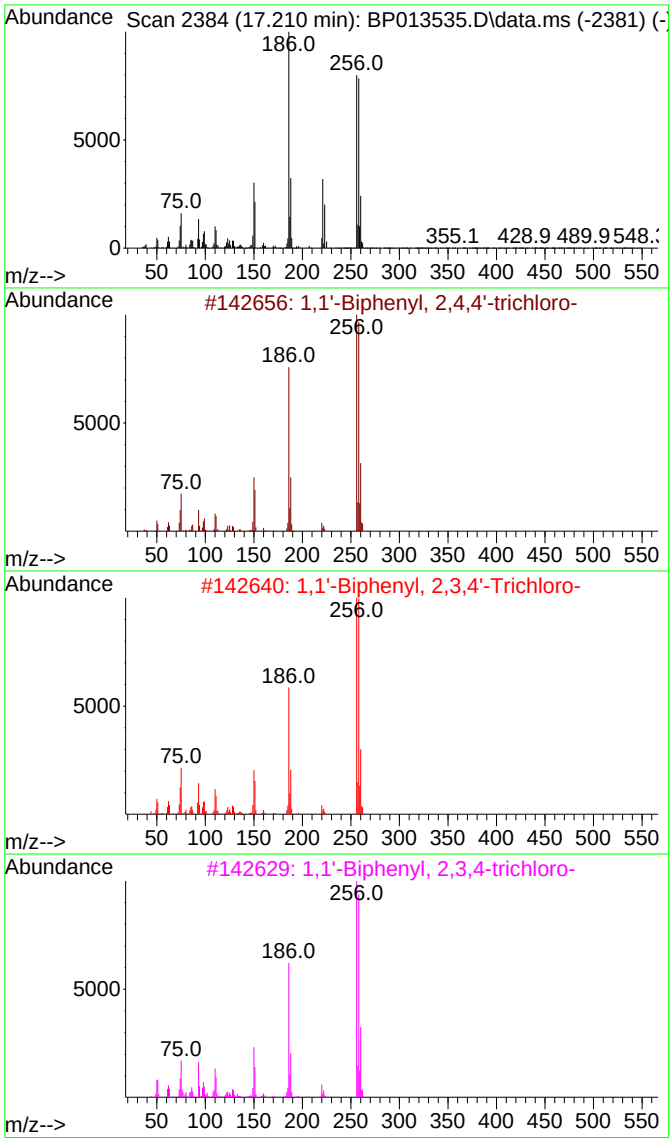
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

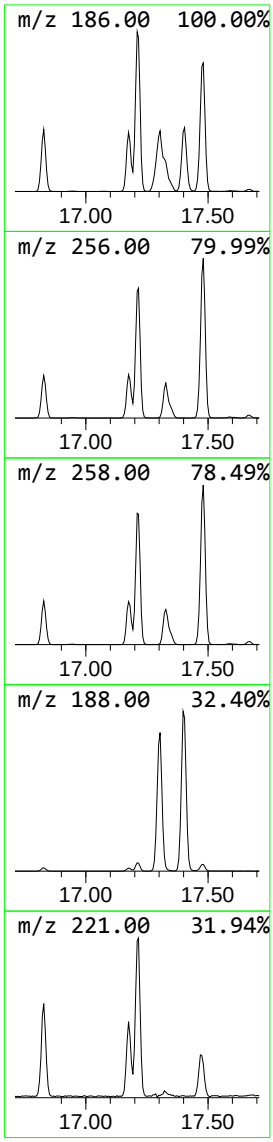
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.210	6.67 ng/ul	2710800	Phenanthrene-d10	17.304

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	038444-85-8	98
3	1,1'-Biphenyl, 2,3,4-trichloro-	256	C12H7Cl3	055702-46-0	98
4	1,1'-Biphenyl, 3,3',5-trichloro-	256	C12H7Cl3	038444-87-0	98
5	1,1'-Biphenyl, 2,3',4-trichloro-	256	C12H7Cl3	055712-37-3	98





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
Data File : BP013535.D
Acq On : 18 Jan 2023 22:46
Operator : CG/JU
Sample : 01146-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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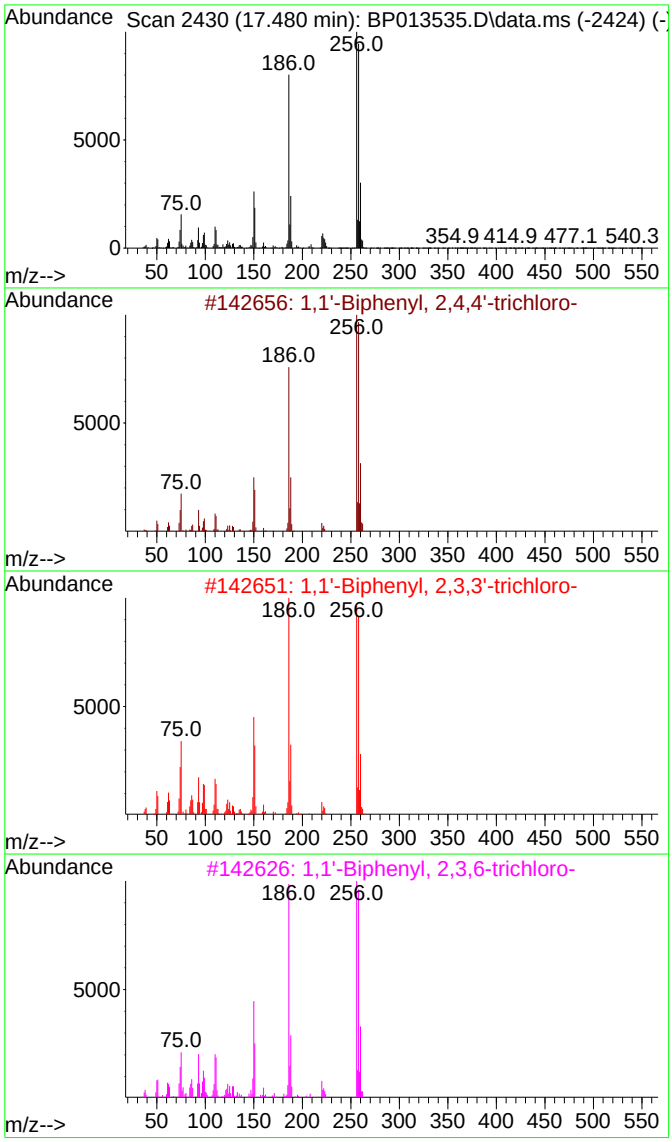
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

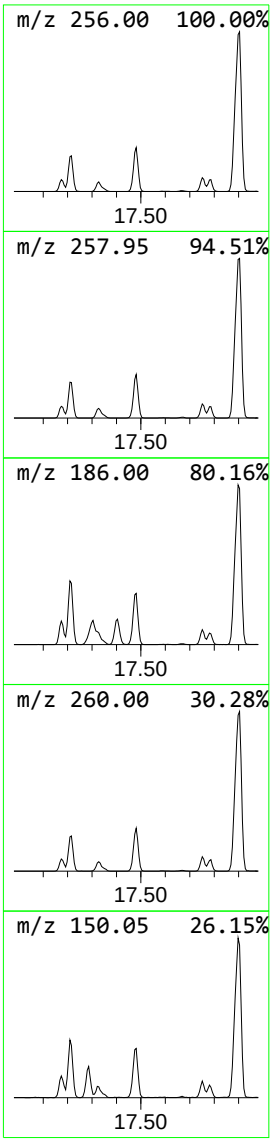
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.480	6.61 ng/ul	2686520	Phenanthrene-d10	17.304

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, 2,3,6-trichloro-	256	C12H7Cl3	055702-45-9	99
4	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	99
5	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
Data File : BP013535.D
Acq On : 18 Jan 2023 22:46
Operator : CG/JU
Sample : 01146-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4424

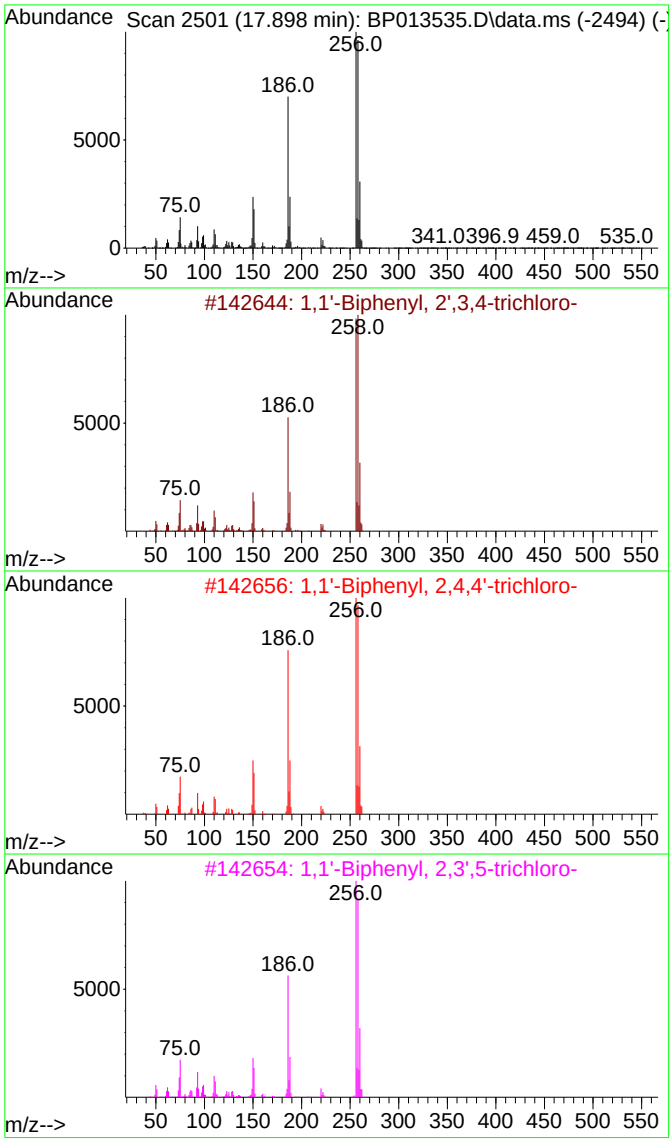
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

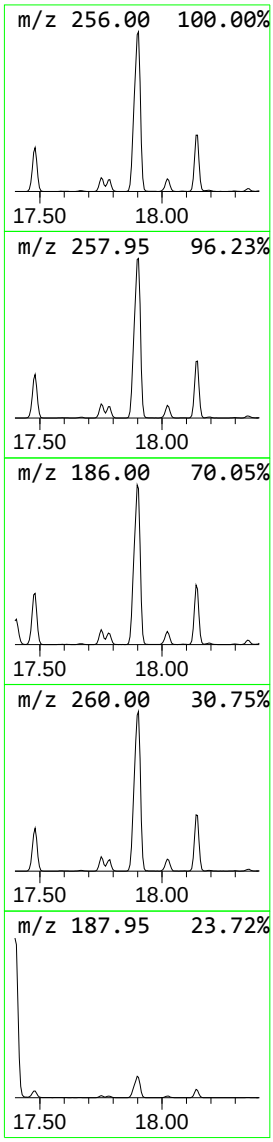
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.898	27.04 ng/ul	10991400	Phenanthrene-d10	17.304

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, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99
3	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	99
4	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	99
5	1,1'-Biphenyl, 3,4',5-trichloro-	256	C12H7Cl3	038444-88-1	99





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Data File : BP013535.D
Acq On : 18 Jan 2023 22:46
Operator : CG/JU
Sample : 01146-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4424

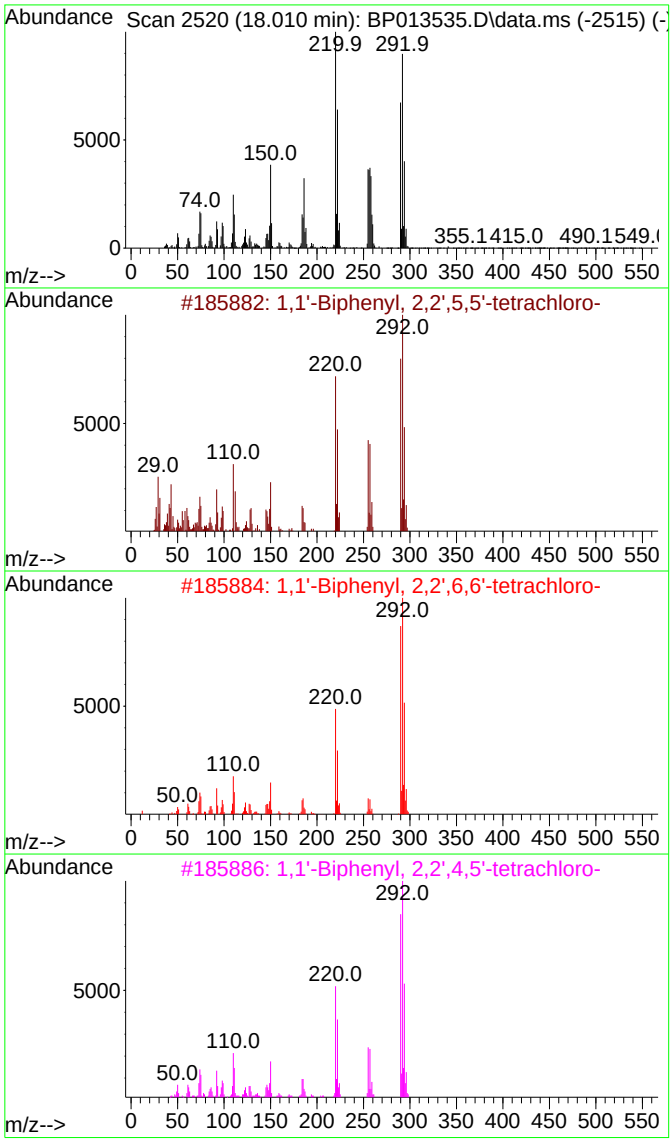
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

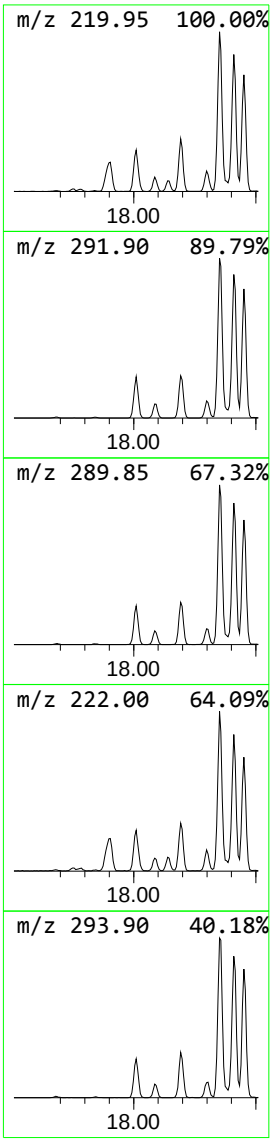
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1,1'-Biphenyl, 2,2',5,5'-te... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.010	3.58 ng/ul	1455450	Phenanthrene-d10	17.304

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',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	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	2,2',3,6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-45-7	99





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Acq On : 18 Jan 2023 22:46
Operator : CG/JU
Sample : 01146-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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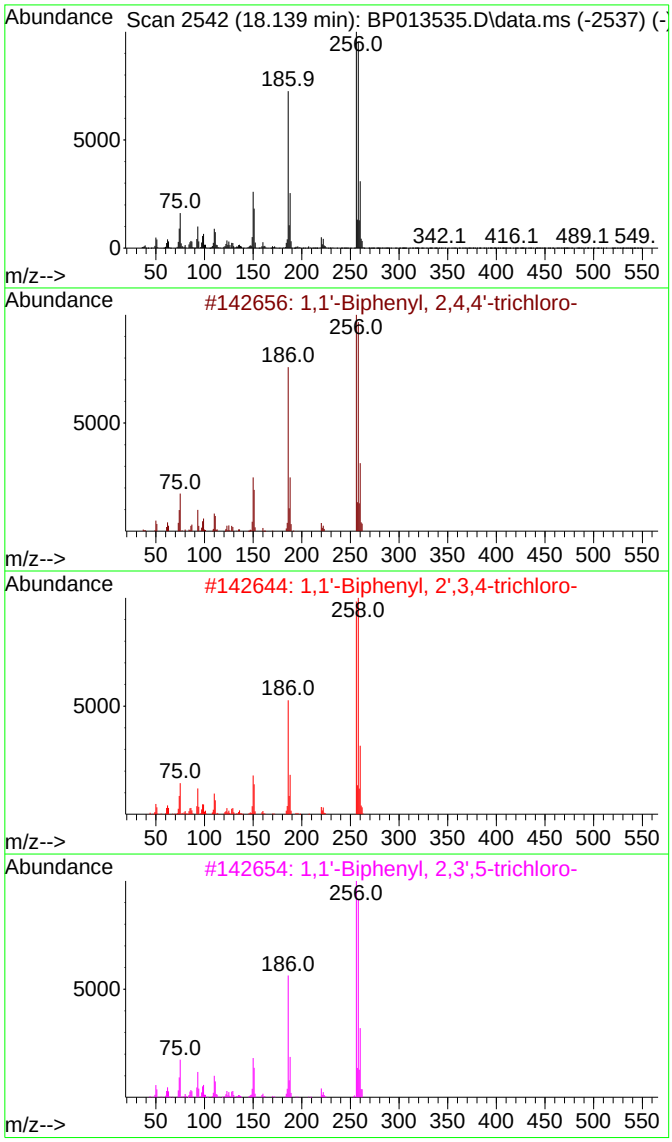
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

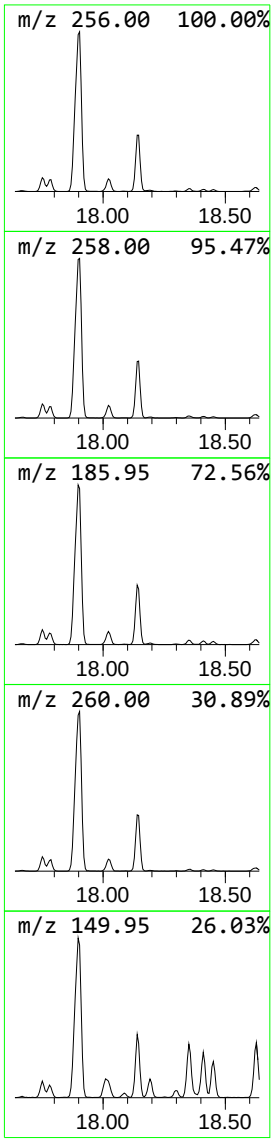
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 1,1'-Biphenyl, 3,4',5-trich... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.139	7.32 ng/ul	2975010	Phenanthrene-d10	17.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99
2	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	99
3	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	99
4	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	99
5	1,1'-Biphenyl, 3,4',5-trichloro-	256	C12H7Cl3	038444-88-1	99





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Acq On : 18 Jan 2023 22:46
Operator : CG/JU
Sample : 01146-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4424

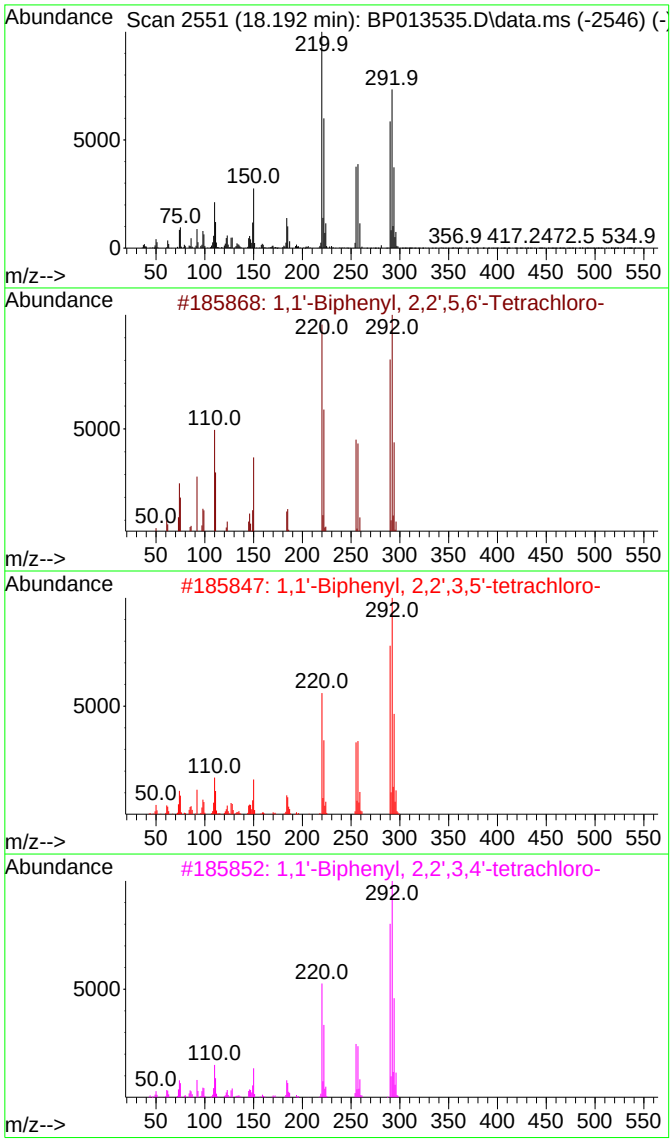
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

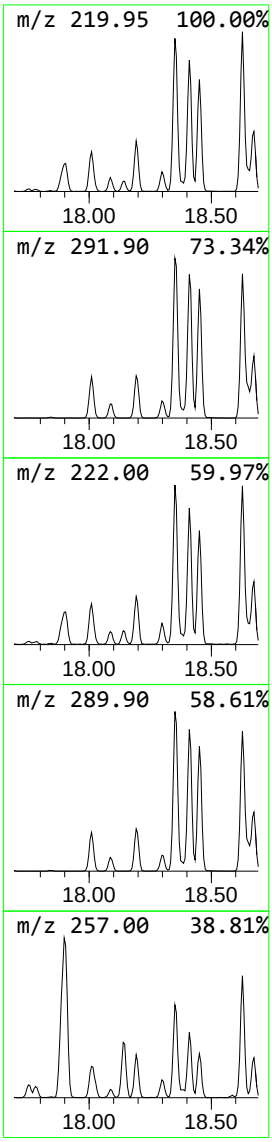
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 1,1'-Biphenyl, 2,2',5,6'-Te... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.192	3.86 ng/ul	1567990	Phenanthrene-d10	17.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',5,6'-Tetrach...	290	C12H6Cl4	041464-41-9	99
2	1,1'-Biphenyl, 2,2',3,5'-tetrach...	290	C12H6Cl4	041464-39-5	99
3	1,1'-Biphenyl, 2,2',3,4'-tetrach...	290	C12H6Cl4	036559-22-5	99
4	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
5	2,2',3,6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-45-7	99





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Data File : BP013535.D
Acq On : 18 Jan 2023 22:46
Operator : CG/JU
Sample : 01146-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4424

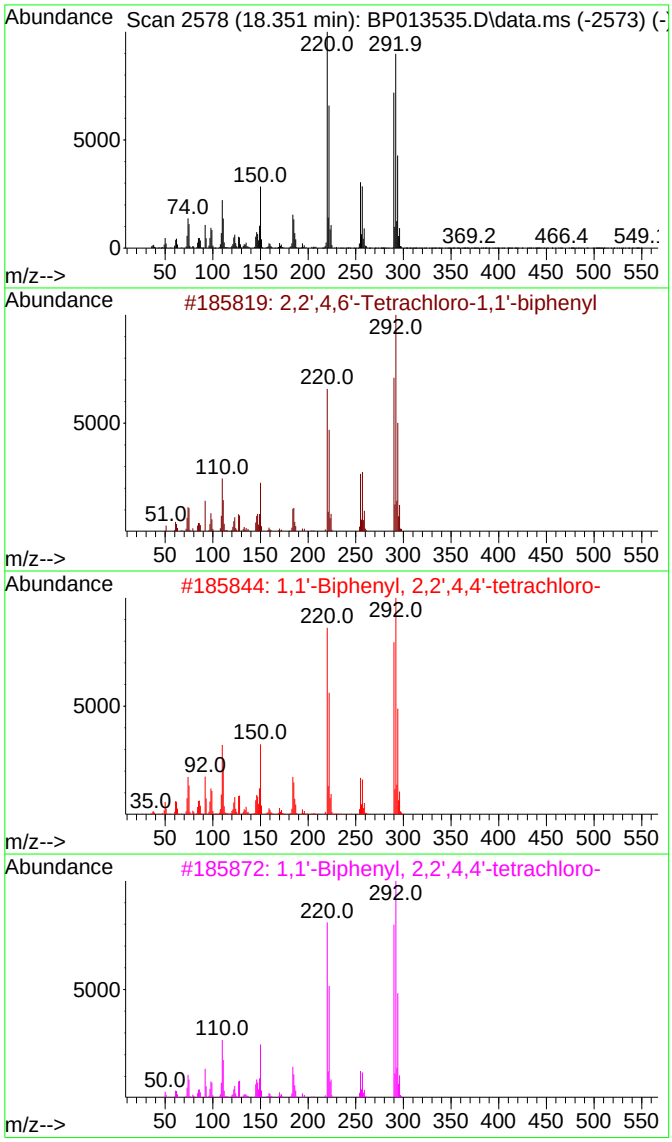
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

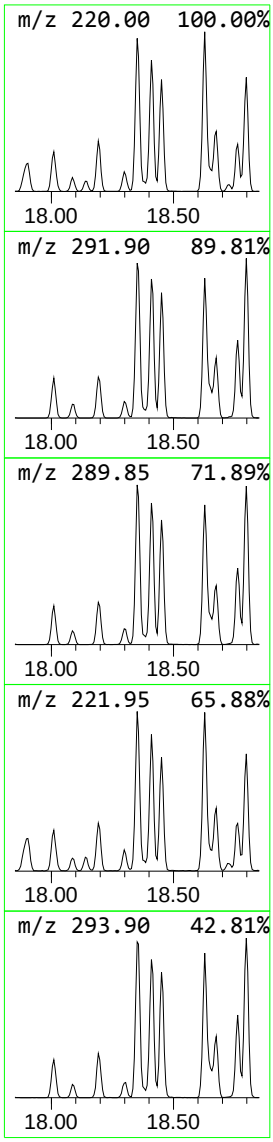
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 2,2',4,6'-Tetrachloro-1,1'-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.351	8.02 ng/ul	3258560	Phenanthrene-d10	17.304

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, 2,2',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	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99





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Acq On : 18 Jan 2023 22:46
Operator : CG/JU
Sample : 01146-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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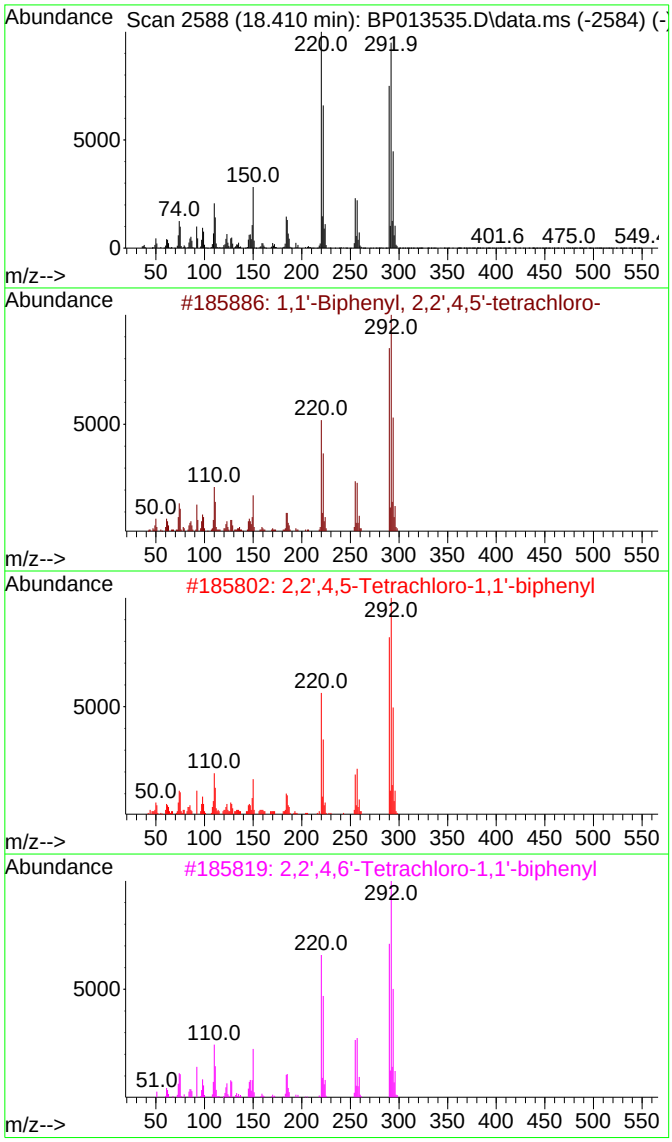
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

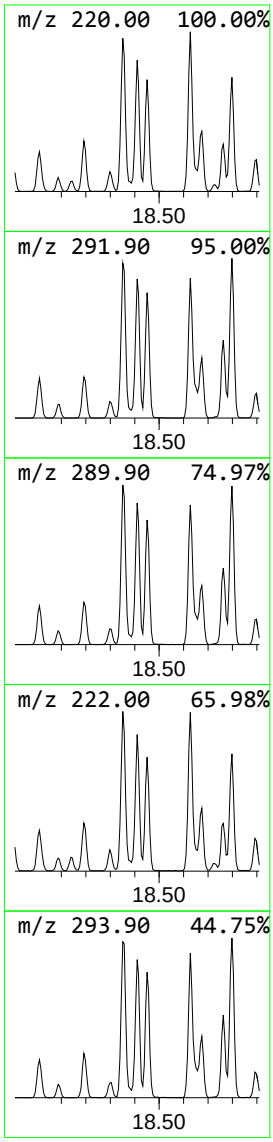
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 1,1'-Biphenyl, 2,2',4,5'-te... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.410	6.34 ng/ul	2577350	Phenanthrene-d10	17.304

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	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99
3	2,2',4,6'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	068194-04-7	99
4	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
5	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99





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Acq On : 18 Jan 2023 22:46
Operator : CG/JU
Sample : 01146-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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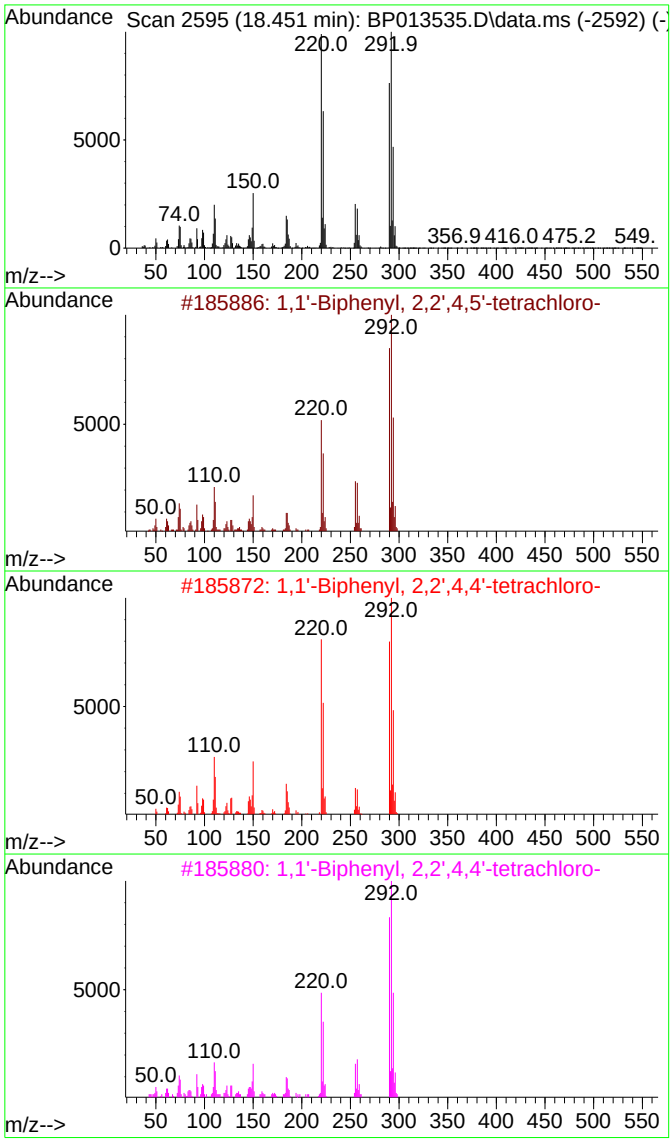
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

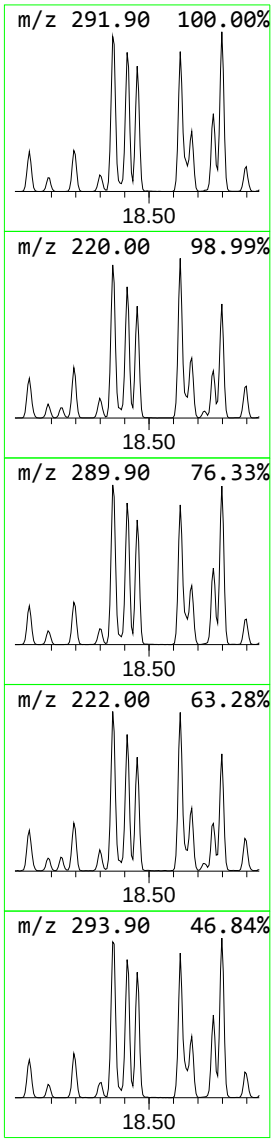
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.451	5.05 ng/ul	2051450	Phenanthrene-d10	17.304

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, 2,2',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	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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Acq On : 18 Jan 2023 22:46
Operator : CG/JU
Sample : 01146-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4424

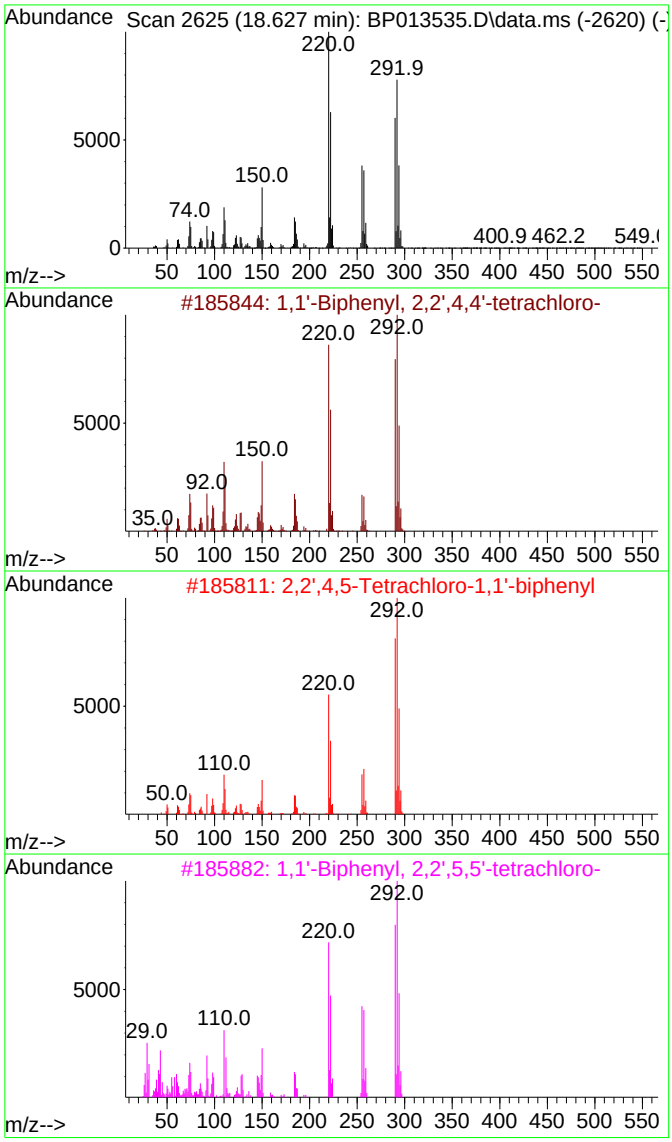
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

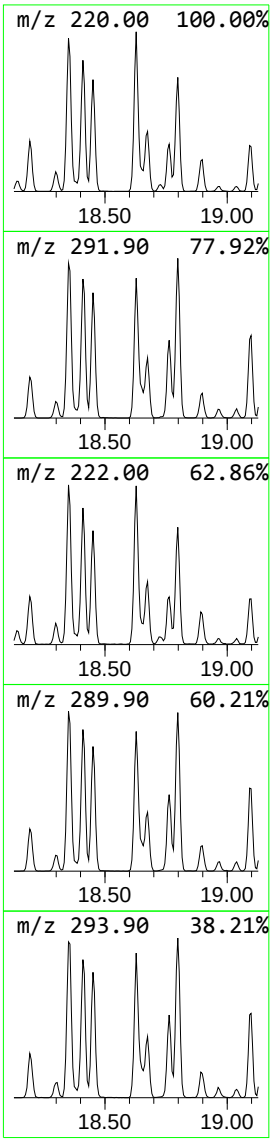
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 2,2',4,5-Tetrachloro-1,1'-b... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.627	8.33 ng/ul	3386210	Phenanthrene-d10	17.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
2	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99
3	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	99
4	2,2',3,6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-45-7	99
5	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99





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Acq On : 18 Jan 2023 22:46
Operator : CG/JU
Sample : 01146-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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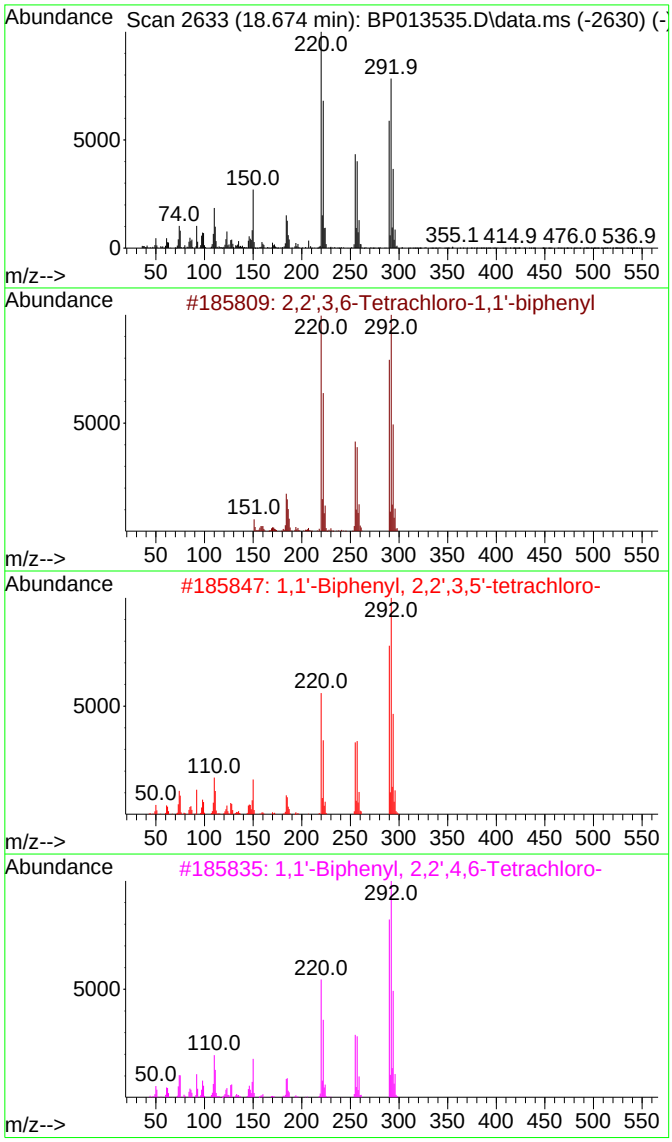
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

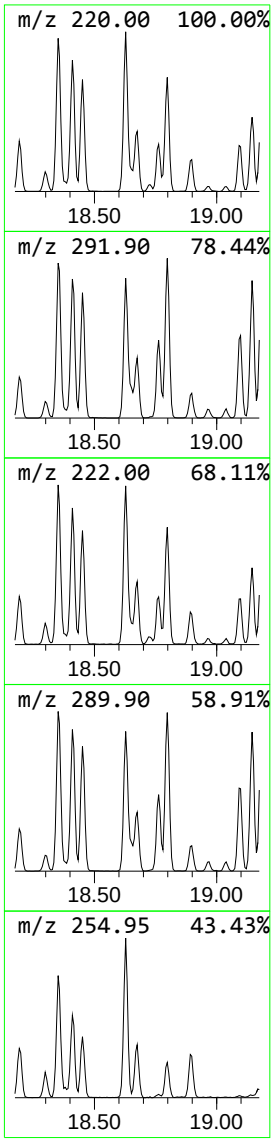
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 2,2',3,6-Tetrachloro-1,1'-b... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.674	2.89 ng/ul	1175470	Phenanthrene-d10	17.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-45-7	99
2	1,1'-Biphenyl, 2,2',3,5'-tetrach...	290	C12H6Cl4	041464-39-5	99
3	1,1'-Biphenyl, 2,2',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	99
4	1,1'-Biphenyl, 2,2',5,6'-Tetrach...	290	C12H6Cl4	041464-41-9	99
5	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99





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Operator : CG/JU
Sample : 01146-13
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ALS Vial : 19 Sample Multiplier: 1

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ClientSampleId :
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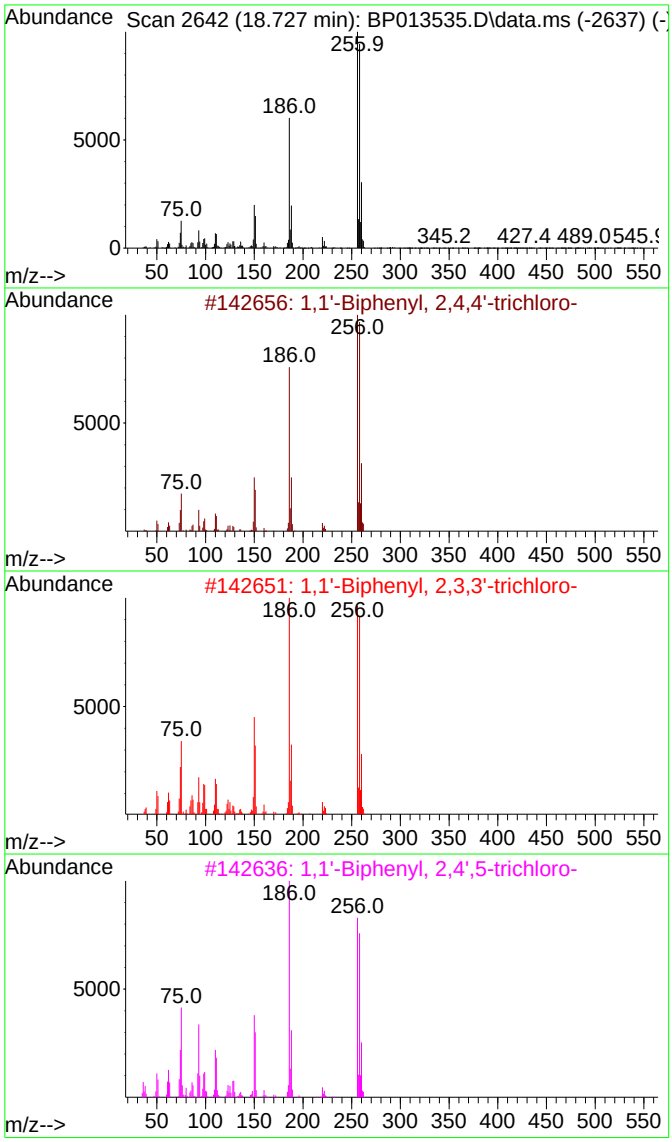
Quant Title : SVOA CALIBRATION

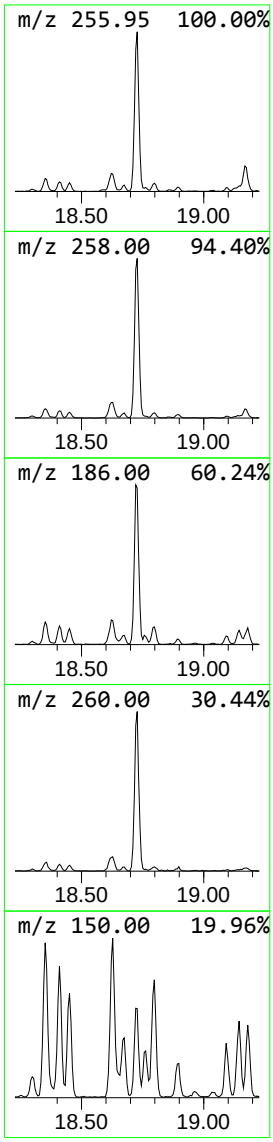
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 1,1'-Biphenyl, 2,4',5-trich... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.727	4.25 ng/ul	1729150	Phenanthrene-d10	17.304

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, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	99
4	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99
5	1,1'-Biphenyl, 2,3,4-trichloro-	256	C12H7Cl3	055702-46-0	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
Data File : BP013535.D
Acq On : 18 Jan 2023 22:46
Operator : CG/JU
Sample : 01146-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4424

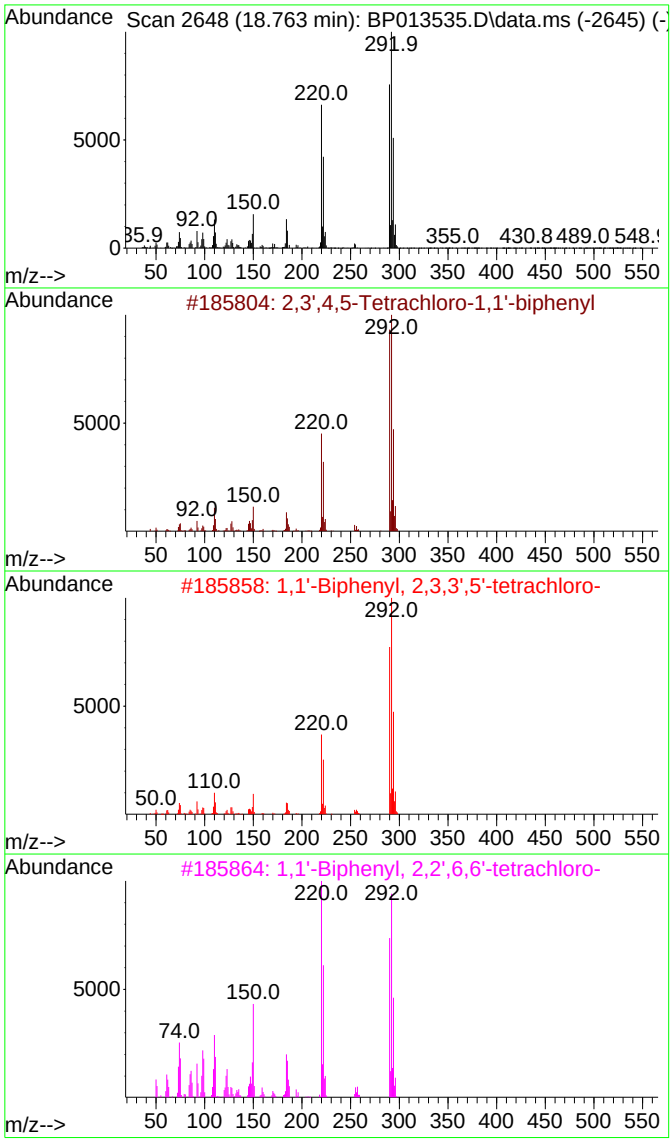
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

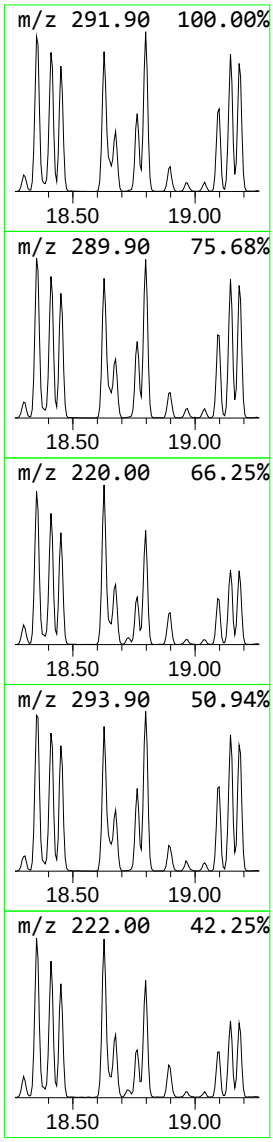
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 2,3',4,5-Tetrachloro-1,1'-b... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.763	2.53 ng/ul	1027910	Phenanthrene-d10	17.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	073575-53-8	99
2	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99
3	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
4	1,1'-Biphenyl, 3,3',4,5'-tetrach...	290	C12H6Cl4	041464-48-6	99
5	2,3,3',4-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074338-24-2	99





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Data File : BP013535.D
Acq On : 18 Jan 2023 22:46
Operator : CG/JU
Sample : 01146-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4424

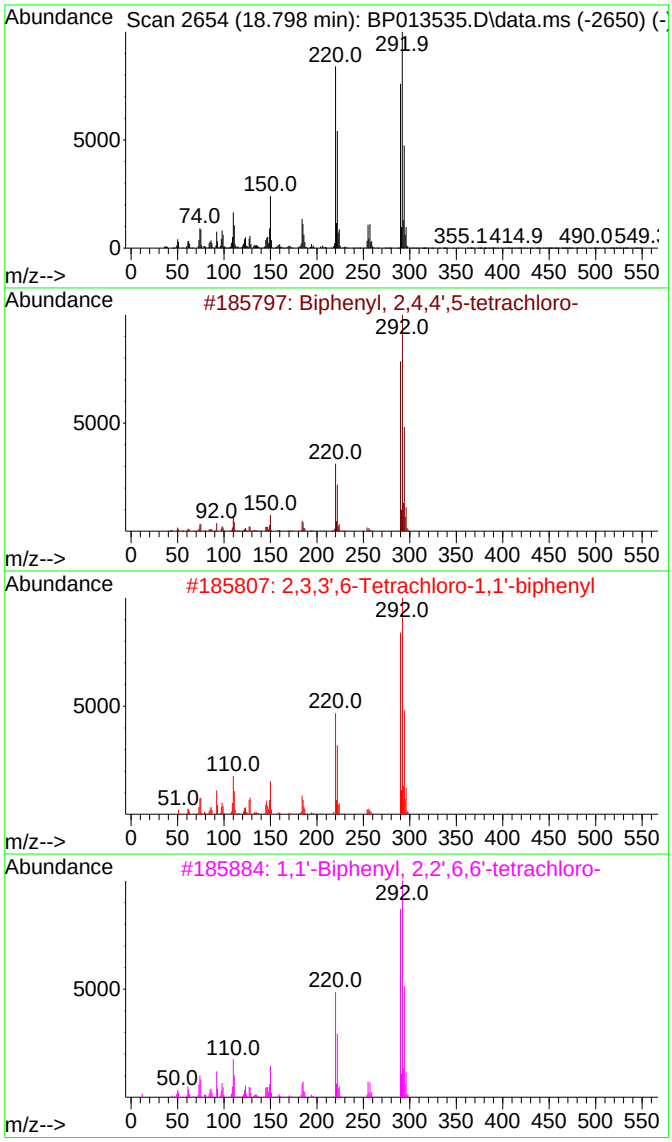
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

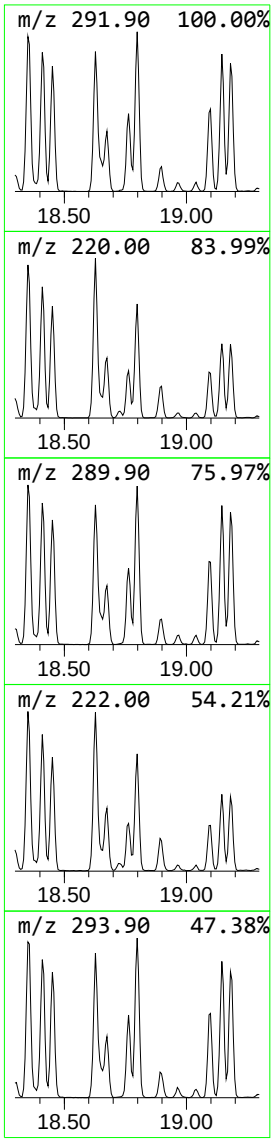
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Biphenyl, 2,4,4',5-tetrachl... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.798	6.01 ng/ul	2440720	Phenanthrene-d10	17.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	99
2	2,3,3',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-33-6	99
3	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
4	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99
5	3,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-49-1	99





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Data File : BP013535.D
Acq On : 18 Jan 2023 22:46
Operator : CG/JU
Sample : 01146-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4424

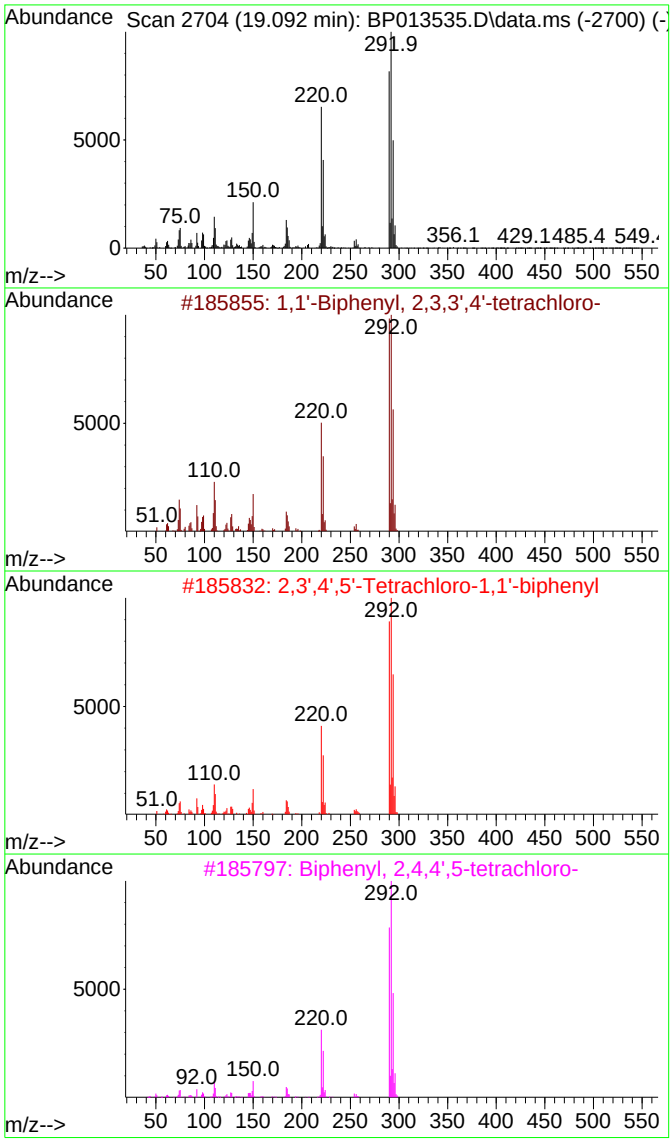
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

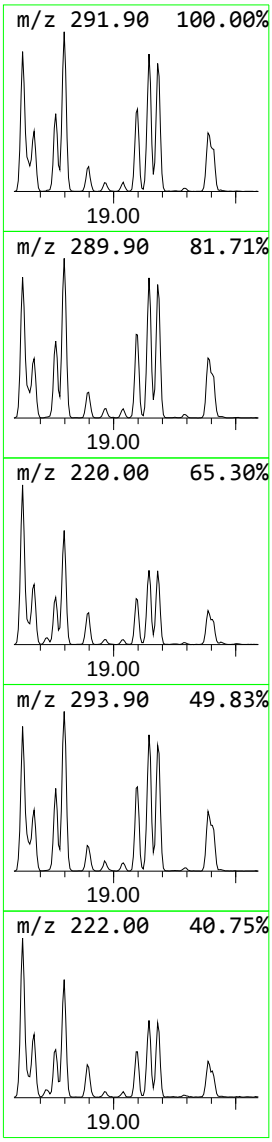
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 1,1'-Biphenyl, 2,3,3',4'-te... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.092	2.76 ng/ul	1121920	Phenanthrene-d10	17.304

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	2,3',4',5'-Tetrachloro-1,1'-biph...	290	C12H6Cl4	070362-48-0	99
3	Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	99
4	1,1'-Biphenyl, 2,3',4,6-Tetrachl...	290	C12H6Cl4	060233-24-1	99
5	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99





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Data File : BP013535.D
Acq On : 18 Jan 2023 22:46
Operator : CG/JU
Sample : 01146-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4424

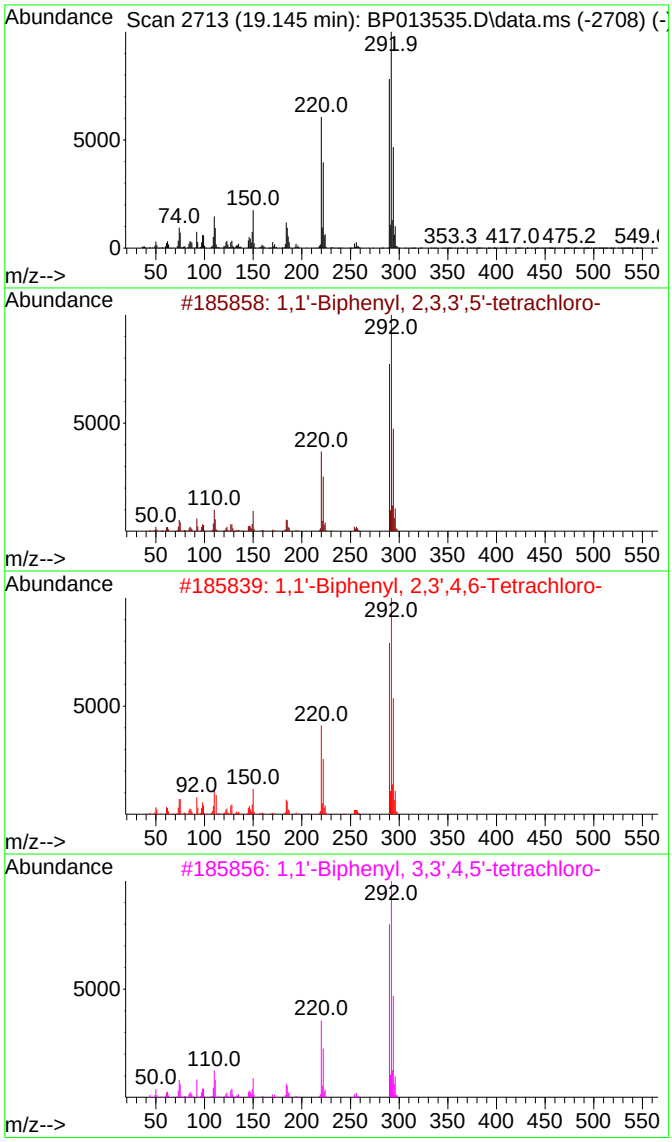
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

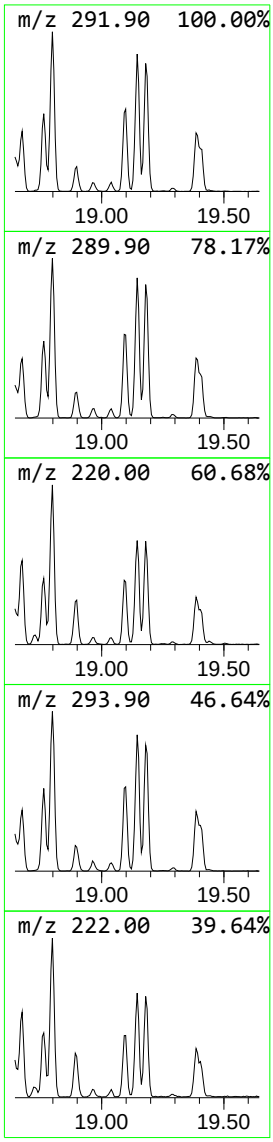
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 1,1'-Biphenyl, 2,3,3',5'-te... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.145	4.56 ng/ul	1854080	Phenanthrene-d10	17.304

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	1,1'-Biphenyl, 2,3',4,6-Tetrachl...	290	C12H6Cl4	060233-24-1	99
3	1,1'-Biphenyl, 3,3',4,5'-tetrach...	290	C12H6Cl4	041464-48-6	99
4	Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	99
5	2,3,3',4-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074338-24-2	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
Data File : BP013535.D
Acq On : 18 Jan 2023 22:46
Operator : CG/JU
Sample : 01146-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4424

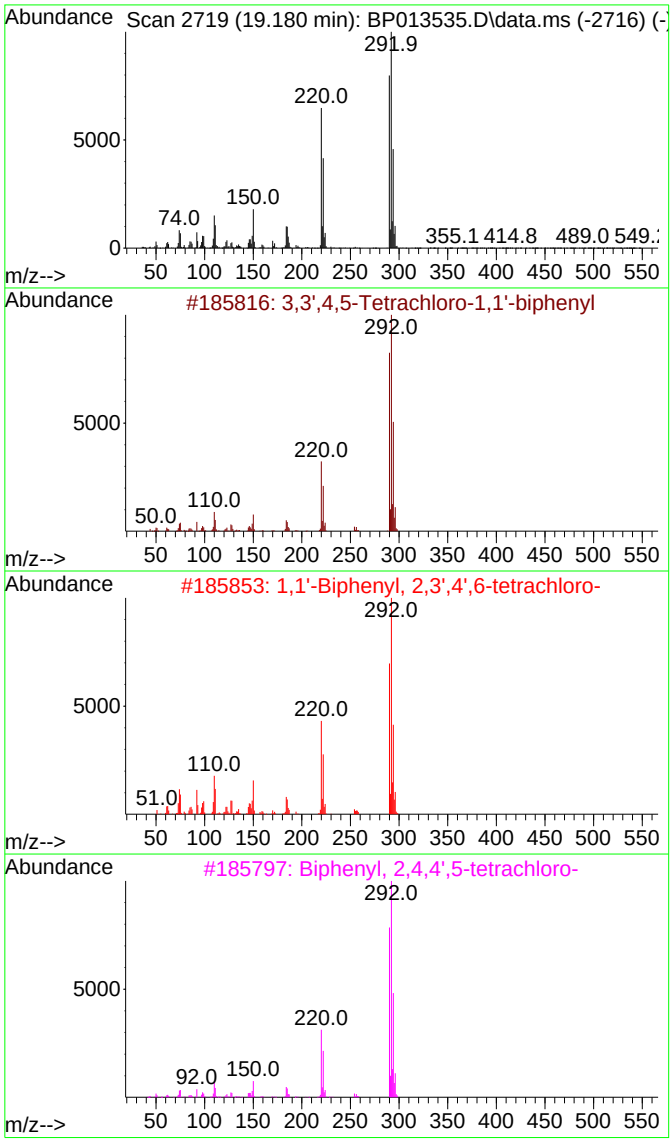
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

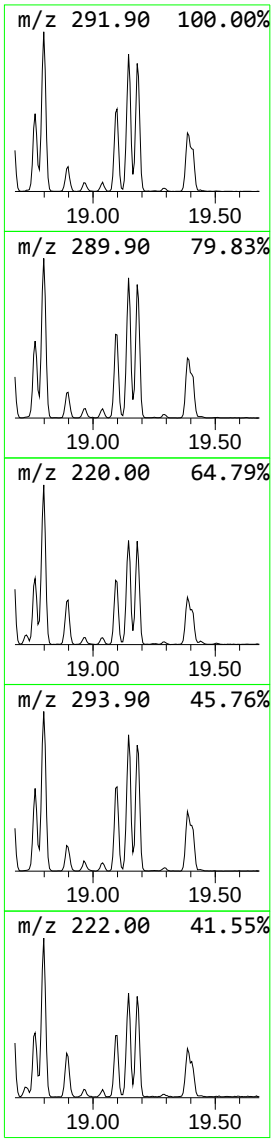
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 3,3',4,5-Tetrachloro-1,1'-b... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.180	4.55 ng/ul	1848630	Phenanthrene-d10	17.304

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	99
3	Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	99
4	1,1'-Biphenyl, 3,3',4,5'-tetrach...	290	C12H6Cl4	041464-48-6	99
5	1,1'-Biphenyl, 2,3',4,6-Tetrachl...	290	C12H6Cl4	060233-24-1	99





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Data File : BP013535.D
Acq On : 18 Jan 2023 22:46
Operator : CG/JU
Sample : 01146-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4424

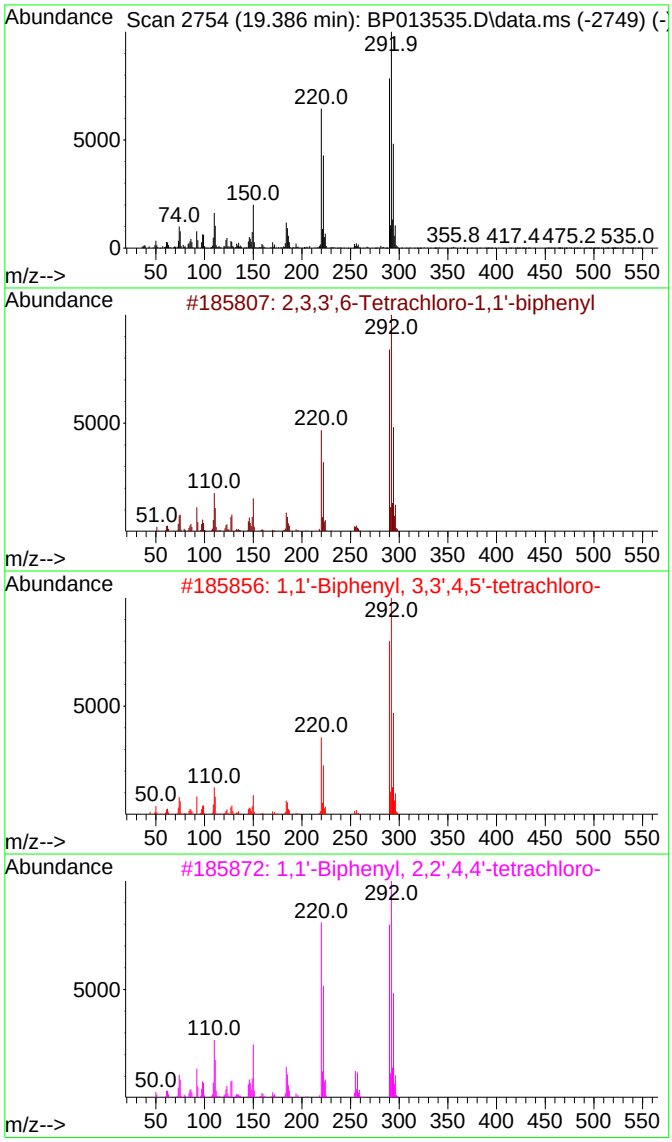
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

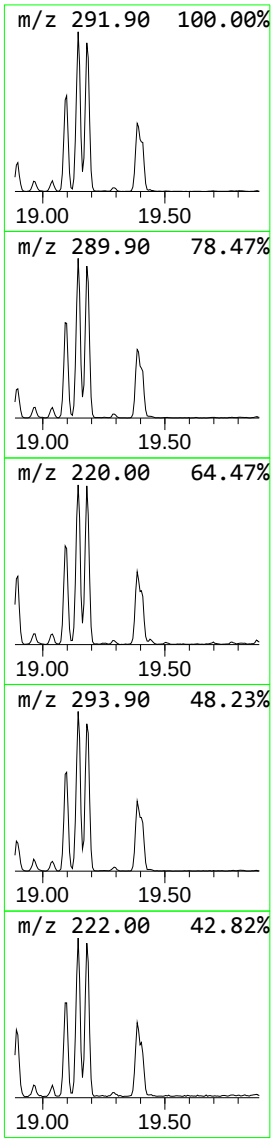
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 2,3,3',6-Tetrachloro-1,1'-b... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.386	3.45 ng/ul	929792	Chrysene-d12	21.392

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	1,1'-Biphenyl, 3,3',4,5'-tetrach...	290	C12H6Cl4	041464-48-6	99
3	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
4	2,3,3',4-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074338-24-2	99
5	1,1'-Biphenyl, 3,3',4,4'-tetrach...	290	C12H6Cl4	032598-13-3	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
Data File : BP013535.D
Acq On : 18 Jan 2023 22:46
Operator : CG/JU
Sample : 01146-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4424

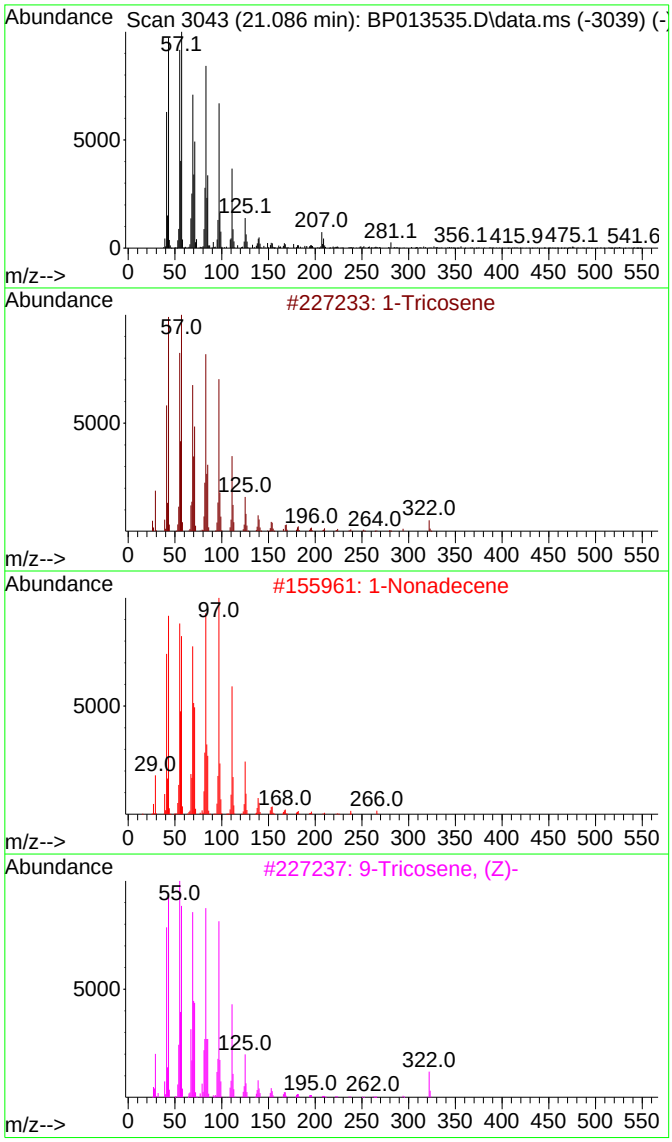
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

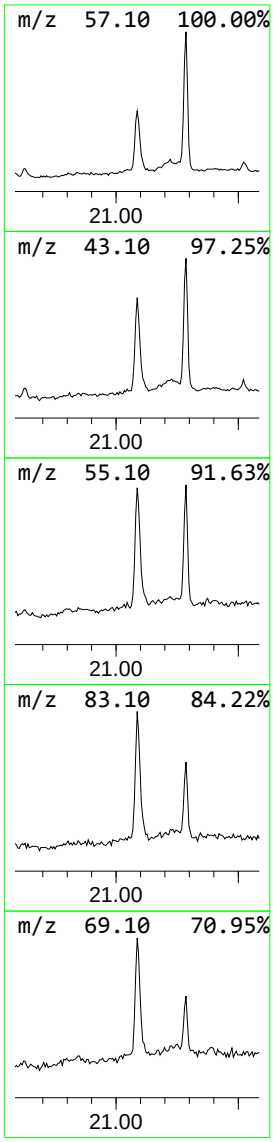
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.086	5.68 ng/ul	1529800	Chrysene-d12	21.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tricosene	322	C23H46	018835-32-0	96
2	1-Nonadecene	266	C19H38	018435-45-5	95
3	9-Tricosene, (Z)-	322	C23H46	027519-02-4	94
4	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	93
5	1-Hexacosene	364	C26H52	018835-33-1	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
Data File : BP013535.D
Acq On : 18 Jan 2023 22:46
Operator : CG/JU
Sample : 01146-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4424

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.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
Benzophenone	15.904	2.0	ng/ul	496476	3	14.545	4838450	20.0
1,1'-Biphenyl, ...	16.828	2.5	ng/ul	1032360	4	17.304	8128570	20.0
1,1'-Biphenyl, ...	17.174	2.8	ng/ul	1126520	4	17.304	8128570	20.0
1,1'-Biphenyl, ...	17.210	6.7	ng/ul	2710800	4	17.304	8128570	20.0
1,1'-Biphenyl, ...	17.480	6.6	ng/ul	2686520	4	17.304	8128570	20.0
1,1'-Biphenyl, ...	17.898	27.0	ng/ul	10991400	4	17.304	8128570	20.0
1,1'-Biphenyl, ...	18.010	3.6	ng/ul	1455450	4	17.304	8128570	20.0
1,1'-Biphenyl, ...	18.139	7.3	ng/ul	2975010	4	17.304	8128570	20.0
1,1'-Biphenyl, ...	18.192	3.9	ng/ul	1567990	4	17.304	8128570	20.0
2,2',4,6'-Tetra...	18.351	8.0	ng/ul	3258560	4	17.304	8128570	20.0
1,1'-Biphenyl, ...	18.410	6.3	ng/ul	2577350	4	17.304	8128570	20.0
1,1'-Biphenyl, ...	18.451	5.0	ng/ul	2051450	4	17.304	8128570	20.0
2,2',4,5-Tetrac...	18.627	8.3	ng/ul	3386210	4	17.304	8128570	20.0
2,2',3,6-Tetrac...	18.674	2.9	ng/ul	1175470	4	17.304	8128570	20.0
1,1'-Biphenyl, ...	18.727	4.3	ng/ul	1729150	4	17.304	8128570	20.0
2,3',4,5-Tetrac...	18.763	2.5	ng/ul	1027910	4	17.304	8128570	20.0
Biphenyl, 2,4,4...	18.798	6.0	ng/ul	2440720	4	17.304	8128570	20.0
1,1'-Biphenyl, ...	19.092	2.8	ng/ul	1121920	4	17.304	8128570	20.0
1,1'-Biphenyl, ...	19.145	4.6	ng/ul	1854080	4	17.304	8128570	20.0
3,3',4,5-Tetrac...	19.180	4.5	ng/ul	1848630	4	17.304	8128570	20.0
2,3,3',6-Tetrac...	19.386	3.5	ng/ul	929792	5	21.392	5384230	20.0
(DEL) Alkane: S...	21.086	5.7	ng/ul	1529800	5	21.392	5384230	20.0