LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
Data File : BP013537.D
Acq On : 18 Jan 2023 23:55
Operator : CG/JU
Sample : 01146-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A4470

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: BP013537.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.987	300	306	314	rVB2	224884	457849	0.35%	0.017%
2	5.664	416	421	428	rVB	542375	756883	0.58%	0.029%
3	6.787	606	612	620	rVB	471407	662140	0.51%	0.025%
4	7.081	651	662	674	rVB	1029626	2002322	1.54%	0.076%
5	7.222	680	686	697	rBV	1084342	1925075	1.48%	0.073%
6	7.428	714	721	730	rVB	727024	1179004	0.90%	0.044%
7	7.893	789	800	805	rBV	1823295	2910828	2.23%	0.110%
8	7.999	805	818	823	rBV3	35477025	120318970	92.35%	4.538%
9	8.610	915	922	933	rVB	1715311	2722131	2.09%	0.103%
10	8.728	937	942	952	rVB	161537	255681	0.20%	0.010%
11	9.063	992	999	1007	rBV	1343928	2185578	1.68%	0.082%
12	9.787	1115	1122	1135	rBV	352806	646458	0.50%	0.024%
13	10.328	1208	1214	1221	rBV	513790	847372	0.65%	0.032%
14	10.704	1267	1278	1286	rBV	2353599	3955910	3.04%	0.149%
15	10.846	1294	1302	1317	rBV	1439412	2590750	1.99%	0.098%
16	12.893	1645	1650	1654	rBV	113877	158747	0.12%	0.006%
17	12.946	1654	1659	1668	rVB	247923	338516	0.26%	0.013%
18	13.187	1691	1700	1704	rBV	263712	389583	0.30%	0.015%
19	13.269	1708	1714	1723	rVB	12176852	16019495	12.30%	0.604%
20	13.357	1723	1729	1734	rBV	221322	301580	0.23%	0.011%
21	13.951	1823	1830	1836	rBV	3230105	4288915	3.29%	0.162%
22	14.063	1844	1849	1854	rBV	150161	219569	0.17%	0.008%
23	14.187	1865	1870	1873	rBV	435598	624793	0.48%	0.024%
24	14.234	1873	1878	1894	rVB	3728601	5719729	4.39%	0.216%
25	14.545	1921	1931	1941	rBV	3600077	5400476	4.15%	0.204%
26	14.663	1941	1951	1958	rBV	2851041	3862268	2.96%	0.146%
27	15.322	2058	2063	2067	rVV	173454	224089	0.17%	0.008%
28	15.387	2067	2074	2080	rVB4	145546	285280	0.22%	0.011%
29	15.481	2085	2090	2094	rBV2	518588	812958	0.62%	0.031%
30	15.540	2094	2100	2105	rVV	4982629	6983468	5.36%	0.263%
31	15.587	2105	2108	2113	rVB2	109246	147922	0.11%	0.006%
32	15.816	2138	2147	2155	rVV2	48294686	106291538	81.58%	4.009%
33	15.904	2155	2162	2167	rVB	398464	548162	0.42%	0.021%
34	16.134	2195	2201	2207	rVV	8701991	11257655	8.64%	0.425%
35	16.239	2213	2219	2229	rVB	7980595	10773697	8.27%	0.406%
36	16.363	2235	2240	2243	rBV	430129	597305	0.46%	0.023%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
Data File : BP013537.D
Acq On : 18 Jan 2023 23:55
Operator : CG/JU
Sample : 01146-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4470

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	16.410	2243	2248	2260	rVB	21096008	31072462	23.85%	1.172%
38	16.534	2261	2269	2275	rVV2	43827709	74727950	57.36%	2.818%
39	16.663	2288	2291	2302	rVB6	70810	133085	0.10%	0.005%
40	16.834	2312	2320	2326	rBV	39532337	61264954	47.02%	2.311%
41	16.898	2326	2331	2335	rVV	543533	721232	0.55%	0.027%
42	16.945	2335	2339	2346	rVB2	295636	414064	0.32%	0.016%
43	17.081	2354	2362	2370	rBV	652120	1122509	0.86%	0.042%
44	17.198	2372	2382	2385	rBV3	48114189	130288920	100.00%	4.914%
45	17.239	2385	2389	2393	rVB2	46431581	78673077	60.38%	2.967%
46	17.304	2393	2400	2403	rBV	44510125	75472921	57.93%	2.846%
47	17.339	2403	2406	2414	rVB2	25744907	38945556	29.89%	1.469%
48	17.422	2414	2420	2424	rBV	5647054	7325941	5.62%	0.276%
49	17.492	2424	2432	2433	rBV2	48039392	90020731	69.09%	3.395%
50	17.592	2442	2449	2457	rBV	1248004	2148009	1.65%	0.081%
51	17.675	2457	2463	2470	rVB2	2960271	5221719	4.01%	0.197%
52	17.763	2471	2478	2481	rBV	36192459	65045095	49.92%	2.453%
53	17.792	2481	2483	2489	rVB	24807621	29675652	22.78%	1.119%
54	17.845	2489	2492	2495	rBV	851350	1089472	0.84%	0.041%
55	17.910	2495	2503	2505	rBV2	48938558	106491265	81.73%	4.016%
56	18.045	2517	2526	2531	rBV3	49768322	122675299	94.16%	4.627%
57	18.098	2531	2535	2540	rVV	16514717	21790845	16.73%	0.822%
58	18.163	2540	2546	2550	rVV	49645096	101434856	77.85%	3.825%
59	18.210	2550	2554	2559	rVB	41003392	54091608	41.52%	2.040%
60	18.310	2565	2571	2575	rBV	21484552	28285986	21.71%	1.067%
61	18.369	2575	2581	2582	rBV2	48272633	77404635	59.41%	2.919%
62	18.433	2587	2592	2593	rVV2	48535778	80541839	61.82%	3.038%
63	18.481	2596	2600	2604	rVB2	48137715	83503358	64.09%	3.149%
64	18.645	2620	2628	2629	rBV3	49382305	82408981	63.25%	3.108%
65	18.692	2633	2636	2640	rVV	46127116	67843851	52.07%	2.559%
66	18.751	2640	2646	2648	rVV	48206539	81598587	62.63%	3.077%
67	18.781	2648	2651	2654	rVV	44157448	70422073	54.05%	2.656%
68	18.828	2654	2659	2663	rVV2	49617750	90919917	69.78%	3.429%
69	18.875	2663	2667	2668	rVV	2608378	2959774	2.27%	0.112%
70	18.910	2668	2673	2677	rVV	36908911	47293965	36.30%	1.784%
71	18.969	2677	2683	2691	rVV	8198934	11086714	8.51%	0.418%
72	19.045	2691	2696	2700	rVV	7791759	10241759	7.86%	0.386%
73	19.110	2700	2707	2710	rVV	41951795	64338908	49.38%	2.426%
74	19.163	2710	2716	2719	rVV	47473688	100987493	77.51%	3.809%
75	19.198	2719	2722	2726	rVV2	48418326	72679486	55.78%	2.741%
76	19.263	2729	2733	2736	rVV	9632638	11970033	9.19%	0.451%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
Data File : BP013537.D
Acq On : 18 Jan 2023 23:55
Operator : CG/JU
Sample : 01146-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4470

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	19.298	2736	2739	2747	rVV	1746302	2348705	1.80%	0.089%
78	19.392	2748	2755	2761	rVV	16634056	36214791	27.80%	1.366%
79	19.445	2761	2764	2771	rVV	17267542	22299184	17.12%	0.841%
80	19.510	2771	2775	2780	rVB	4440602	5492802	4.22%	0.207%
81	19.645	2792	2798	2803	rBV	7559430	10205726	7.83%	0.385%
82	19.698	2803	2807	2813	rVV2	2668706	3407109	2.62%	0.128%
83	19.775	2816	2820	2824	rVV	3288376	4017895	3.08%	0.152%
84	19.822	2824	2828	2832	rVV	1999934	2442196	1.87%	0.092%
85	19.880	2833	2838	2842	rVV	5092418	6133442	4.71%	0.231%
86	19.928	2842	2846	2853	rVB	2154144	2875531	2.21%	0.108%
87	20.022	2858	2862	2866	rVV	1362799	1616116	1.24%	0.061%
88	20.133	2876	2881	2885	rBV5	742558	1554987	1.19%	0.059%
89	20.186	2885	2890	2897	rVB	4556846	5821817	4.47%	0.220%
90	20.316	2909	2912	2918	rBV5	461095	764838	0.59%	0.029%
91	20.486	2937	2941	2944	rBV	3295055	3834334	2.94%	0.145%
92	20.522	2944	2947	2955	rVB	3053076	3602169	2.76%	0.136%
93	21.080	3038	3042	3055	rVB	5788384	7554660	5.80%	0.285%
94	21.292	3073	3078	3082	rBV4	43538768	100857046	77.41%	3.804%
95	21.392	3092	3095	3108	rVB	6148953	8487955	6.51%	0.320%
96	21.492	3110	3112	3116	rBV	812323	939008	0.72%	0.035%
97	23.686	3480	3485	3493	rVB2	5074282	10076953	7.73%	0.380%
98	23.845	3507	3512	3519	rVB2	4174209	8029770	6.16%	0.303%

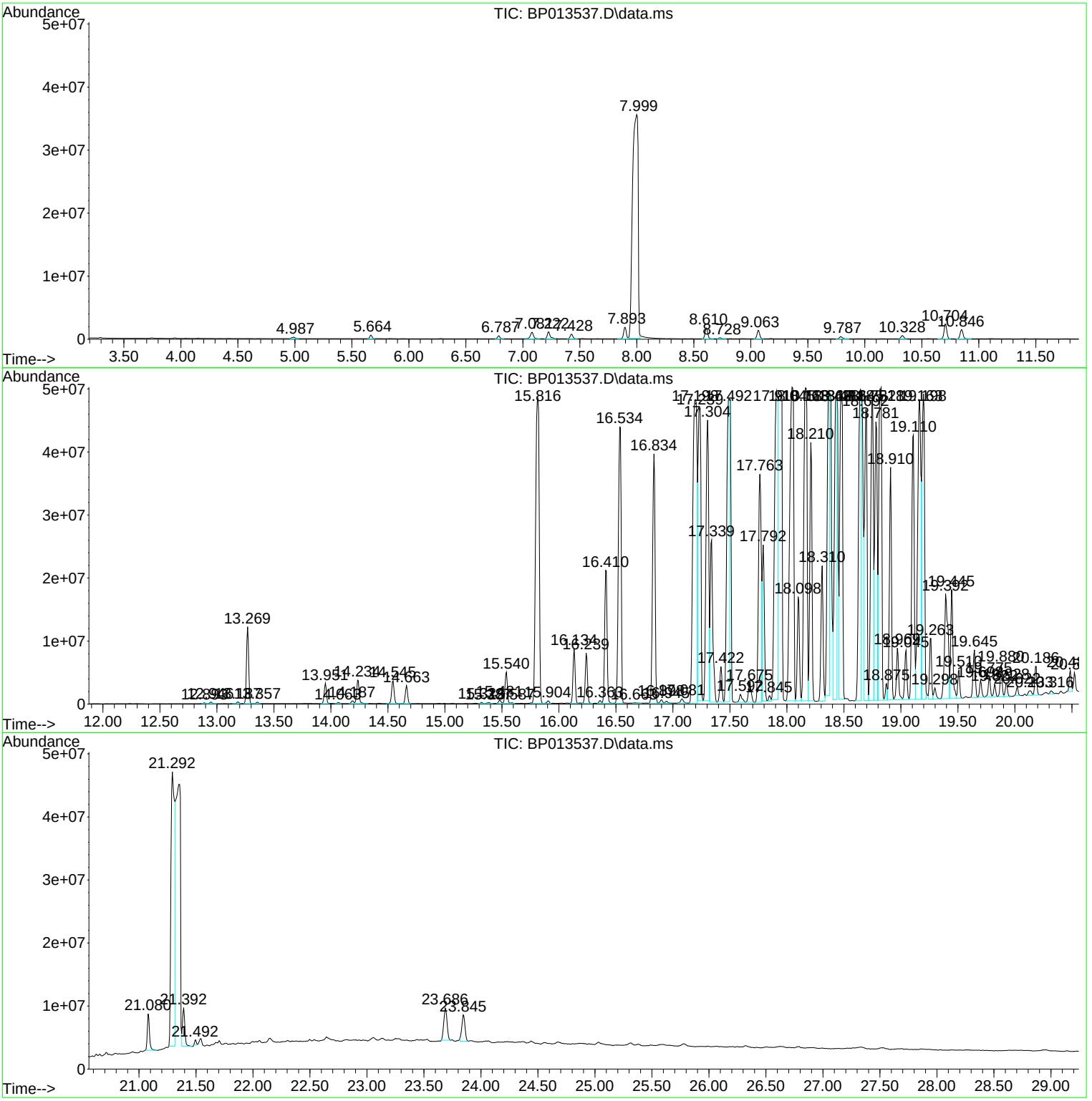
Sum of corrected areas: 2651574311

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
Data File : BP013537.D
Acq On : 18 Jan 2023 23:55
Operator : CG/JU
Sample : 01146-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4470

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 : BP013537.D
Acq On : 18 Jan 2023 23:55
Operator : CG/JU
Sample : 01146-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4470

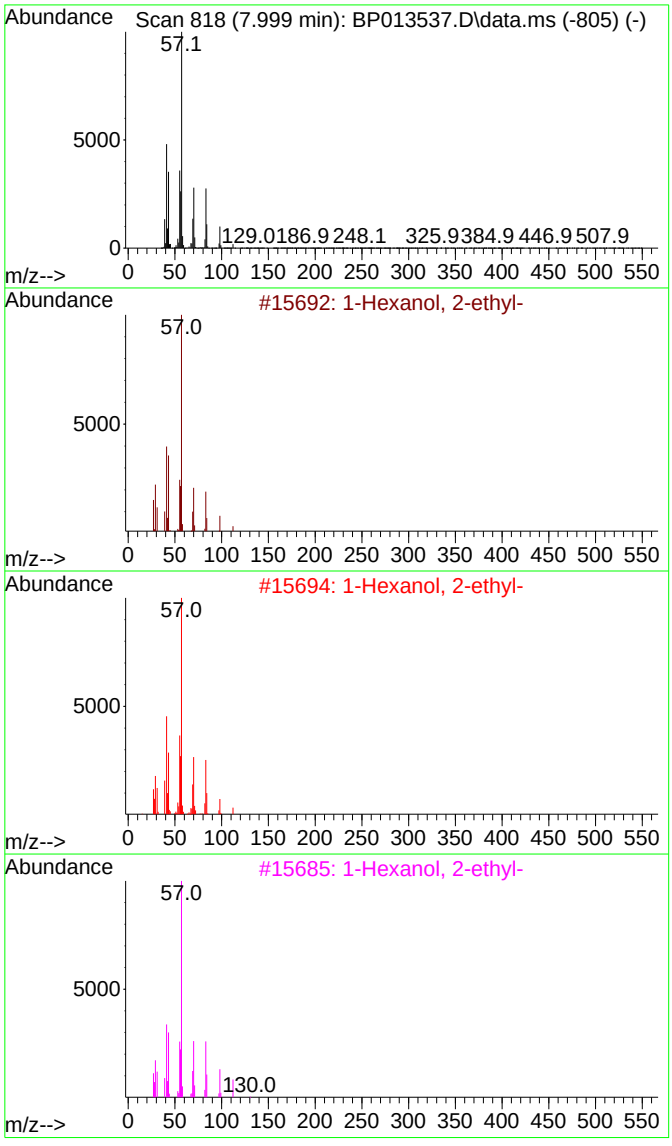
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

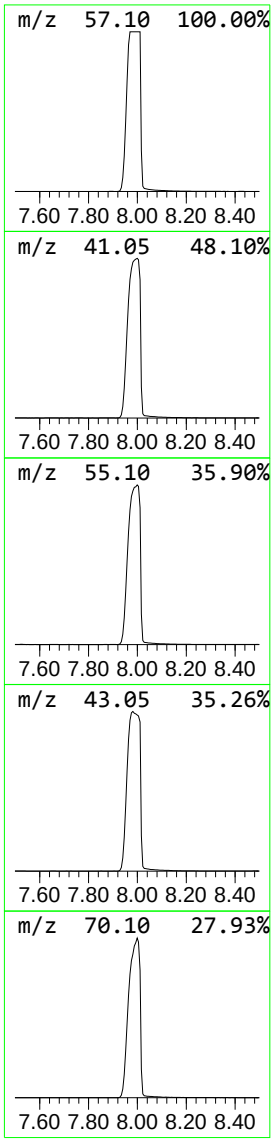
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1-Hexanol, 2-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.999	826.70 ng/ul	120319000	1,4-Dichlorobenzene-d4	7.899

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	86
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
5	2-Ethyl-1-hexanol, methyl ether	144	C9H20O	1000365-10-2	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
Data File : BP013537.D
Acq On : 18 Jan 2023 23:55
Operator : CG/JU
Sample : 01146-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4470

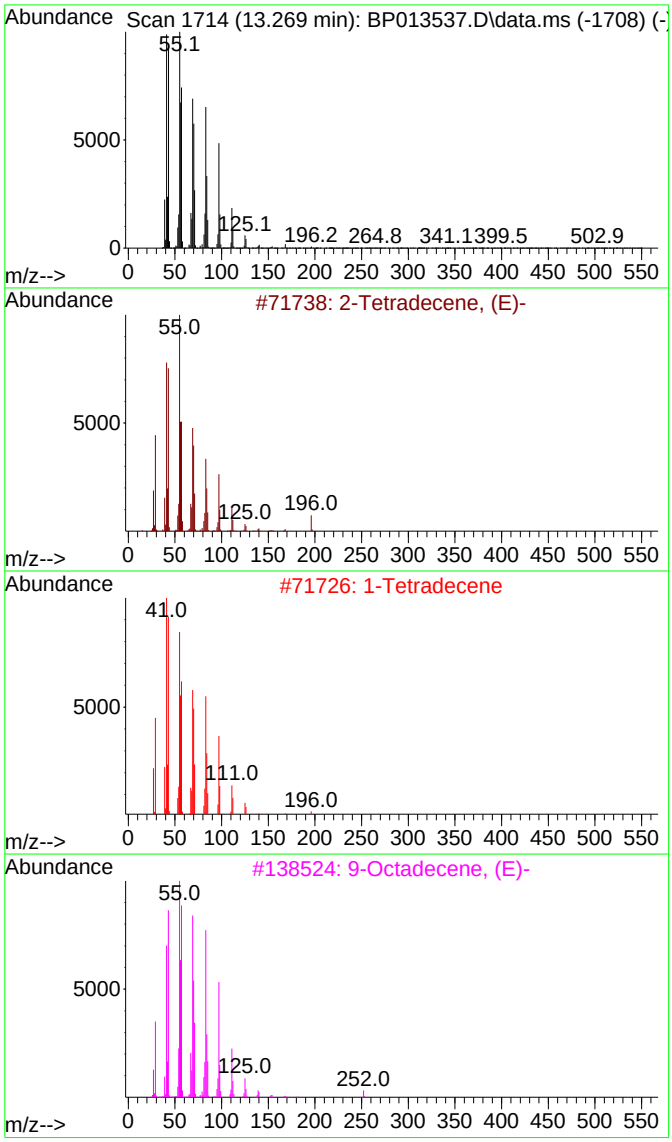
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

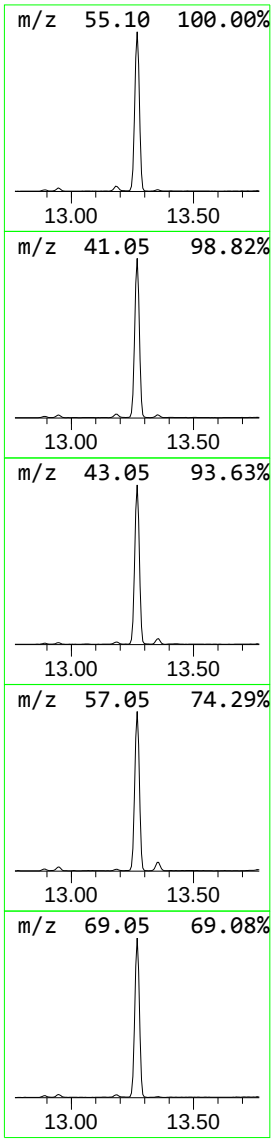
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 2-Tetradecene, (E)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.269	59.33 ng/ul	16019500	Acenaphthene-d10	14.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Tetradecene, (E)-	196	C14H28	035953-54-9	95
2	1-Tetradecene	196	C14H28	001120-36-1	90
3	9-Octadecene, (E)-	252	C18H36	007206-25-9	90
4	1-Tridecene	182	C13H26	002437-56-1	87
5	1-Tetradecene	196	C14H28	001120-36-1	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
Data File : BP013537.D
Acq On : 18 Jan 2023 23:55
Operator : CG/JU
Sample : 01146-16
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ALS Vial : 21 Sample Multiplier: 1

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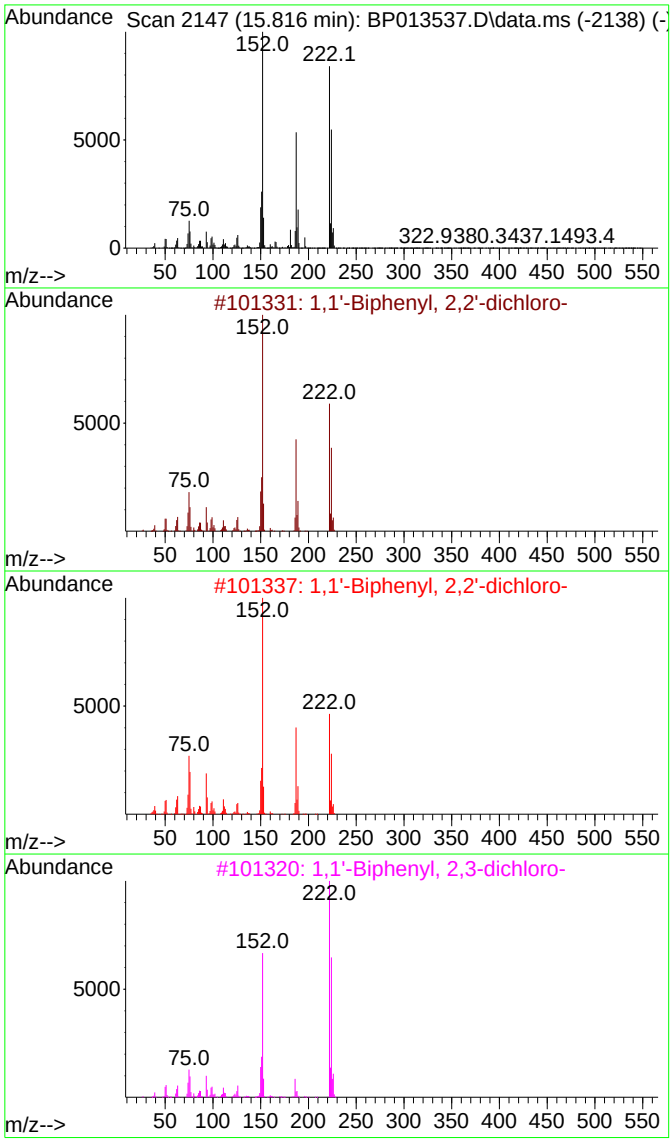
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

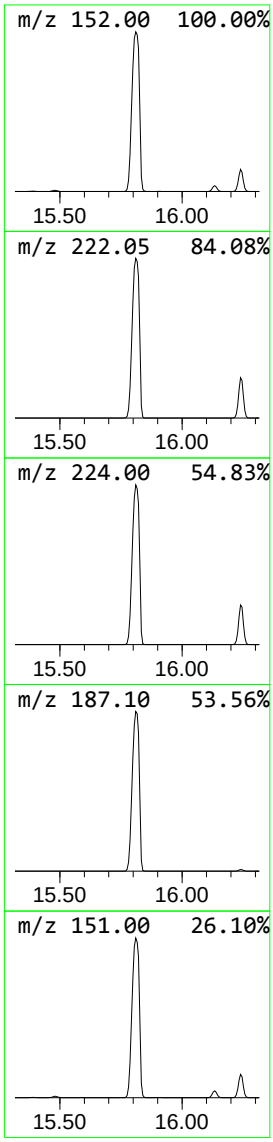
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 1,1'-Biphenyl, 2,2'-dichloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.816	393.64 ng/ul	106292000	Acenaphthene-d10	14.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	99
2	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	99
3	1,1'-Biphenyl, 2,3-dichloro-	222	C12H8Cl2	016605-91-7	95
4	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	95
5	1,1'-Biphenyl, 2,4-dichloro-	222	C12H8Cl2	033284-50-3	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
Data File : BP013537.D
Acq On : 18 Jan 2023 23:55
Operator : CG/JU
Sample : 01146-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4470

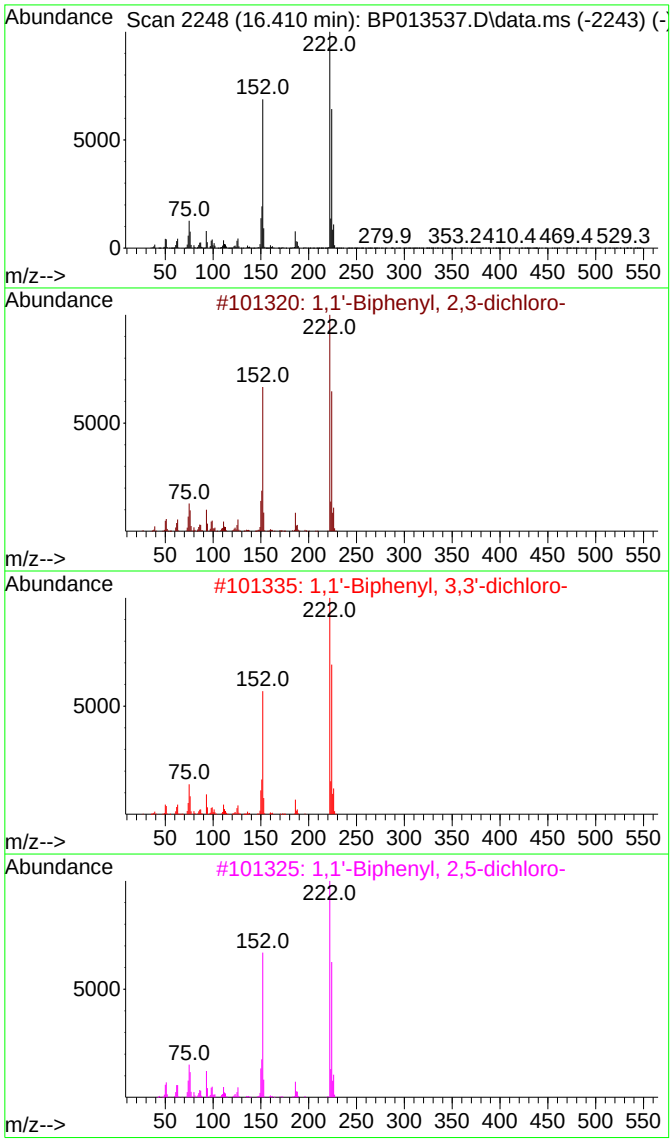
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

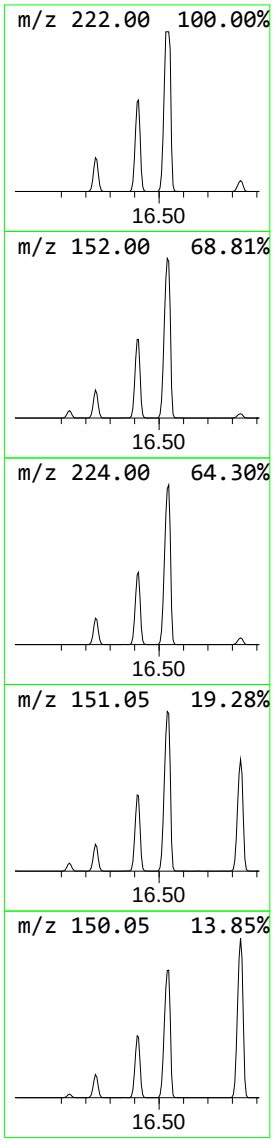
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 1,1'-Biphenyl, 2,3-dichloro- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.410	15.96 ng/ul	31072500	Phenanthrene-d10	17.328

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3-dichloro-	222	C12H8Cl2	016605-91-7	99
2	1,1'-Biphenyl, 3,3'-dichloro-	222	C12H8Cl2	002050-67-1	98
3	1,1'-Biphenyl, 2,5-dichloro-	222	C12H8Cl2	034883-39-1	98
4	1,1'-Biphenyl, 2,4-dichloro-	222	C12H8Cl2	033284-50-3	98
5	1,1'-Biphenyl, 4,4'-dichloro-	222	C12H8Cl2	002050-68-2	98





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
Data File : BP013537.D
Acq On : 18 Jan 2023 23:55
Operator : CG/JU
Sample : 01146-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4470

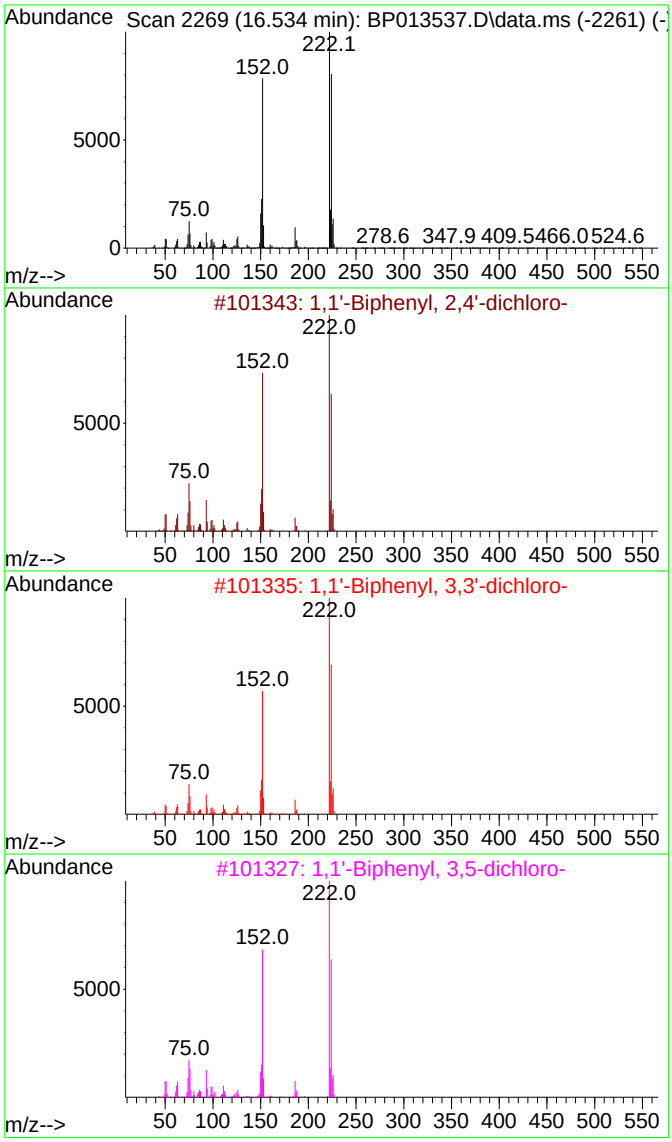
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

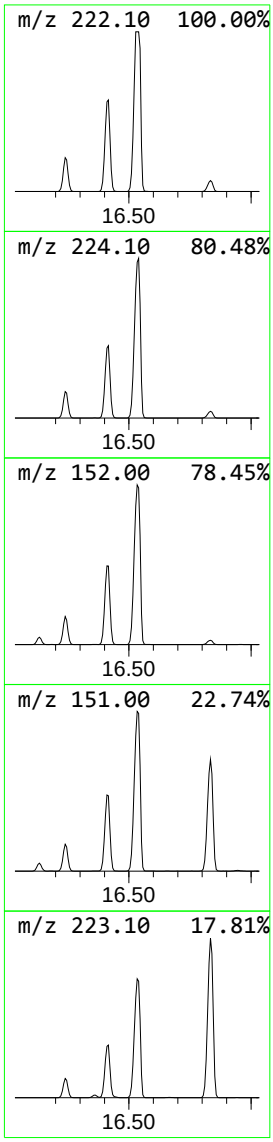
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 1,1'-Biphenyl, 2,4'-dichloro- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.534	38.38 ng/ul	74728000	Phenanthrene-d10	17.328

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4'-dichloro-	222	C12H8Cl2	034883-43-7	98
2	1,1'-Biphenyl, 3,3'-dichloro-	222	C12H8Cl2	002050-67-1	98
3	1,1'-Biphenyl, 3,5-dichloro-	222	C12H8Cl2	034883-41-5	97
4	1,1'-Biphenyl 2,3'-dichloro-	222	C12H8Cl2	025569-80-6	96
5	1,1'-Biphenyl, 4,4'-dichloro-	222	C12H8Cl2	002050-68-2	95





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Data File : BP013537.D
Acq On : 18 Jan 2023 23:55
Operator : CG/JU
Sample : 01146-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4470

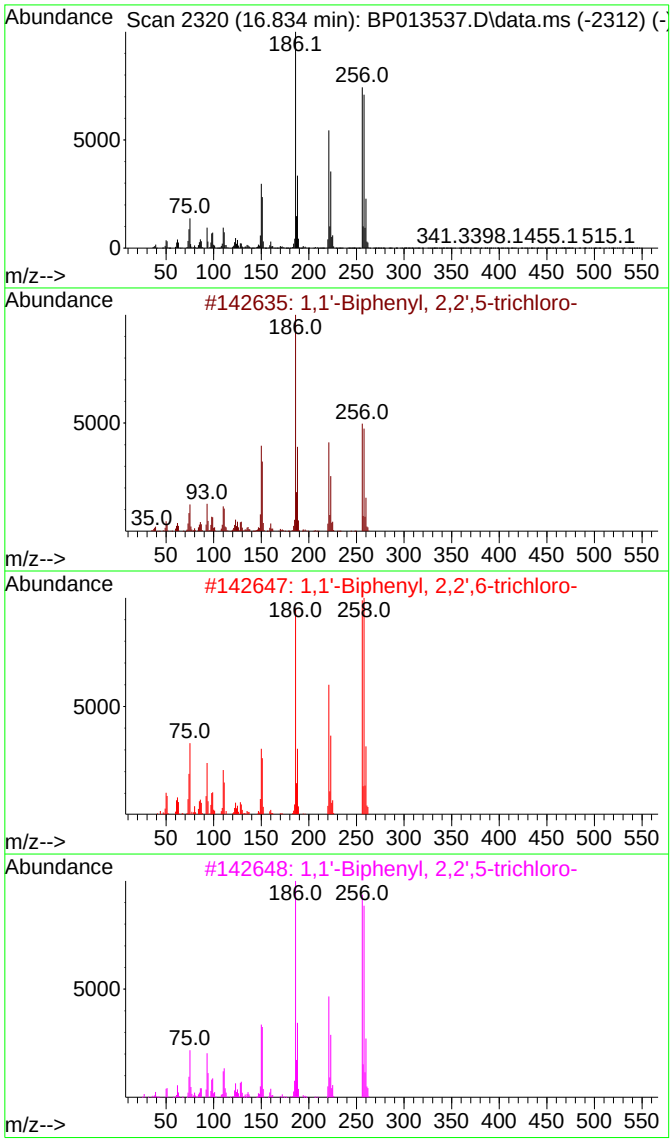
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

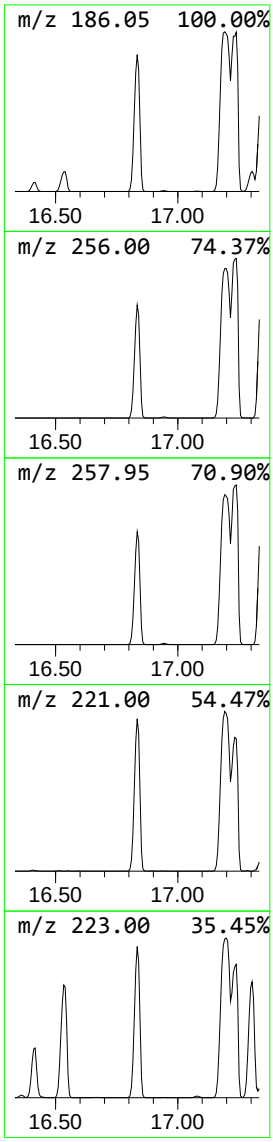
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 1,1'-Biphenyl, 2,2',5-trich... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.834	31.46 ng/ul	61265000	Phenanthrene-d10	17.328

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





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Data File : BP013537.D
Acq On : 18 Jan 2023 23:55
Operator : CG/JU
Sample : 01146-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4470

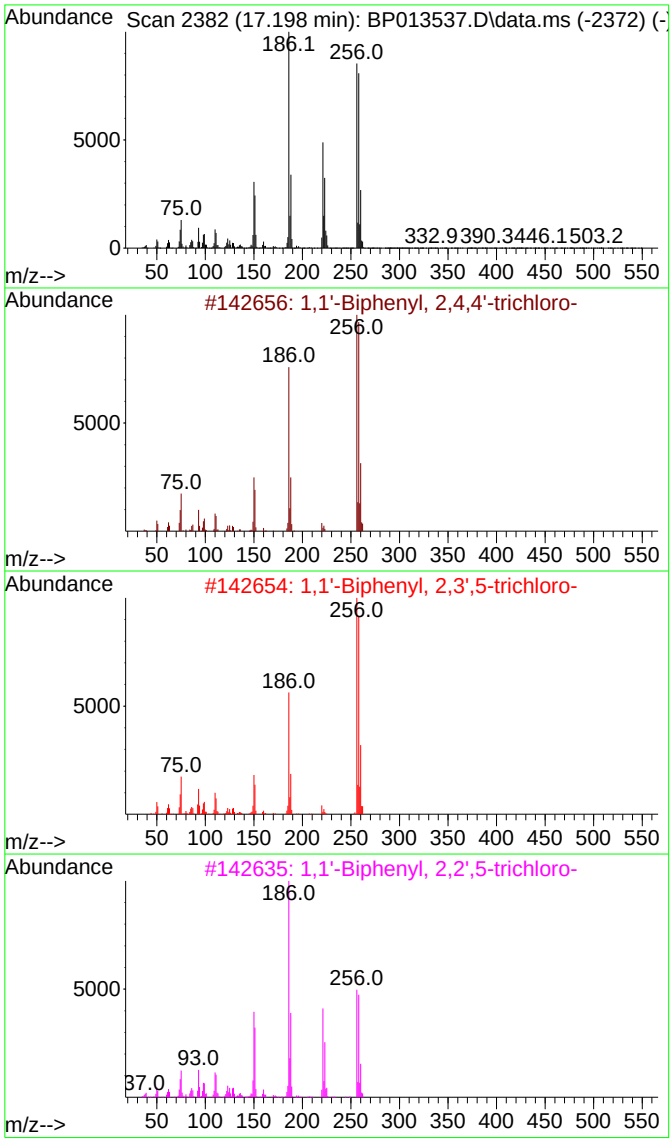
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

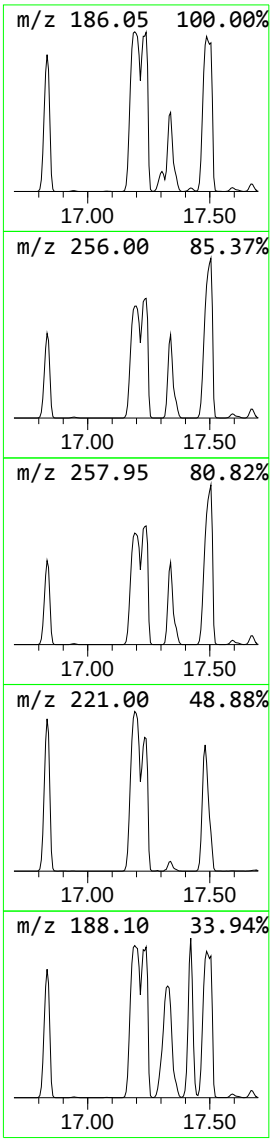
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.198	66.91 ng/ul	130289000	Phenanthrene-d10	17.328

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',5-trichloro-	256	C12H7Cl3	038444-81-4	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, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	99





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Data File : BP013537.D
Acq On : 18 Jan 2023 23:55
Operator : CG/JU
Sample : 01146-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4470

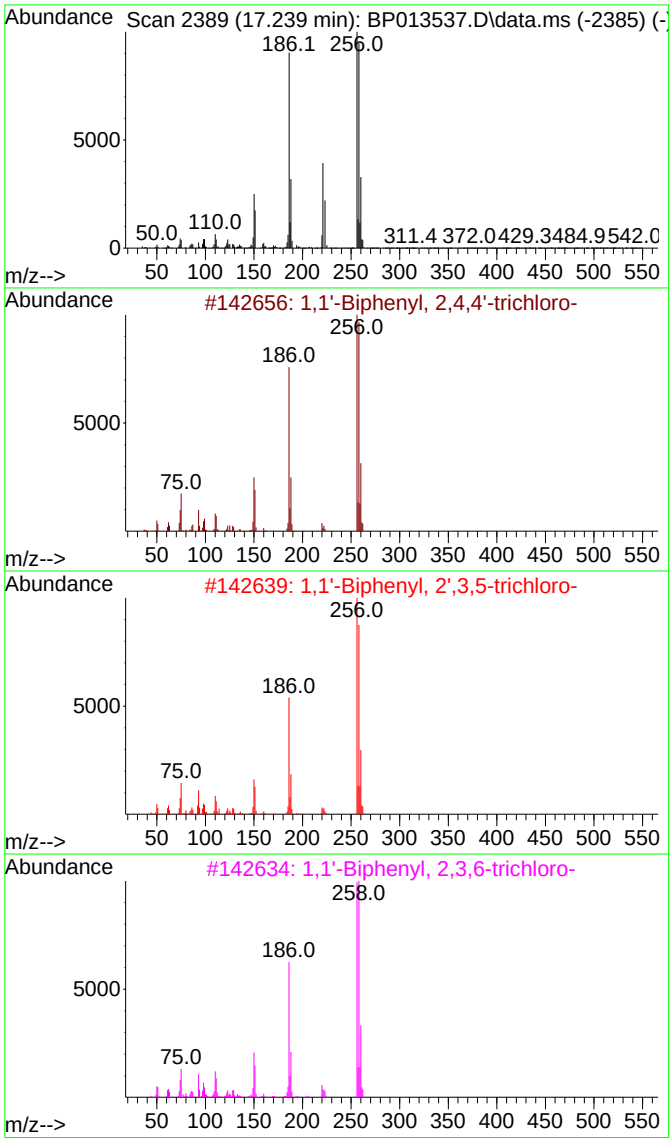
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

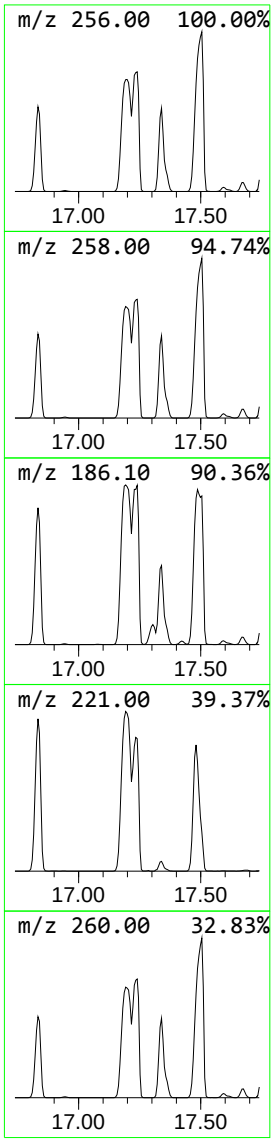
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 1,1'-Biphenyl, 2',3,5-trich... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.239	40.40 ng/ul	78673100	Phenanthrene-d10	17.328

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',3,5-trichloro-	256	C12H7Cl3	037680-68-5	99
3	1,1'-Biphenyl, 2,3,6-trichloro-	256	C12H7Cl3	055702-45-9	99
4	1,1'-Biphenyl, 3,4',5-trichloro-	256	C12H7Cl3	038444-88-1	99
5	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	98





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
Data File : BP013537.D
Acq On : 18 Jan 2023 23:55
Operator : CG/JU
Sample : 01146-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4470

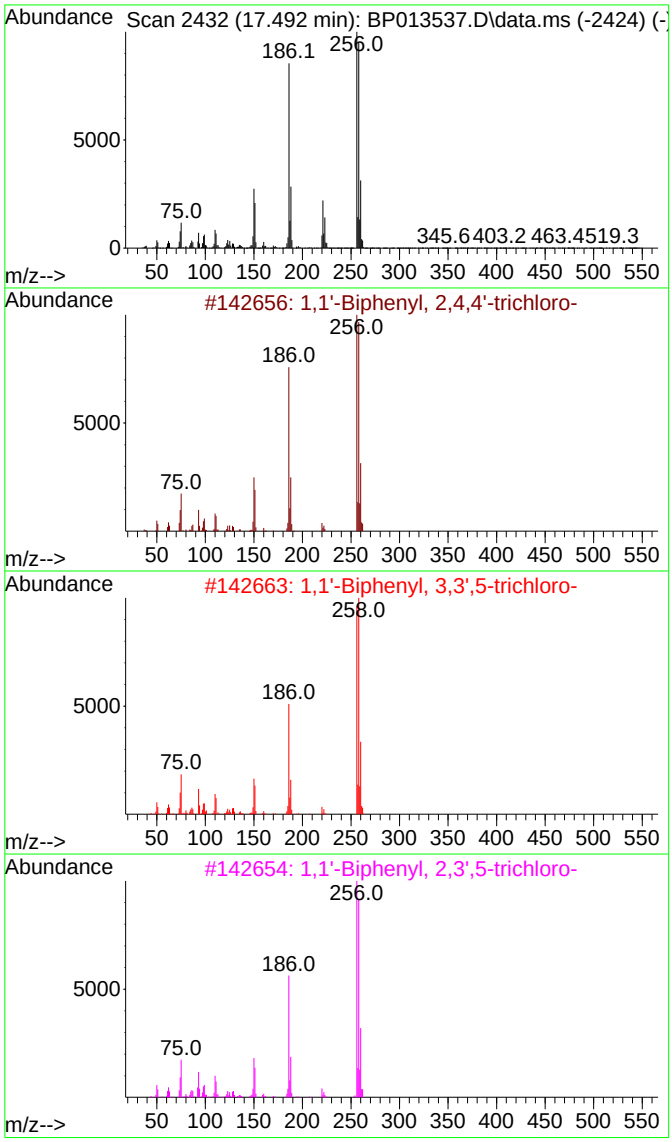
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

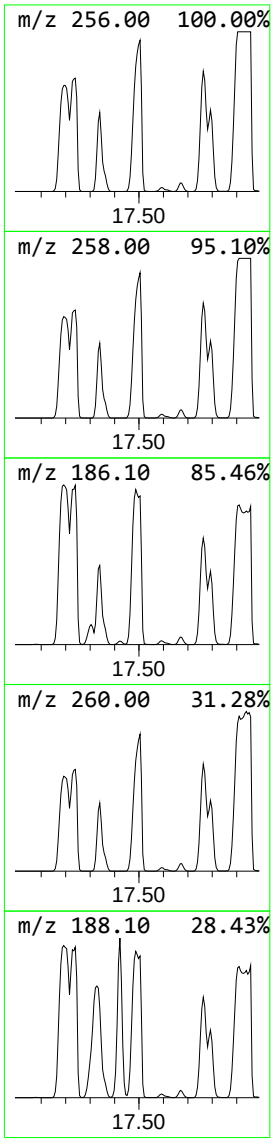
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 1,1'-Biphenyl, 2',3,4-trich... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.492	46.23 ng/ul	90020700	Phenanthrene-d10	17.328

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, 3,3',5-trichloro-	256	C12H7Cl3	038444-87-0	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, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	99





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Operator : CG/JU
Sample : 01146-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4470

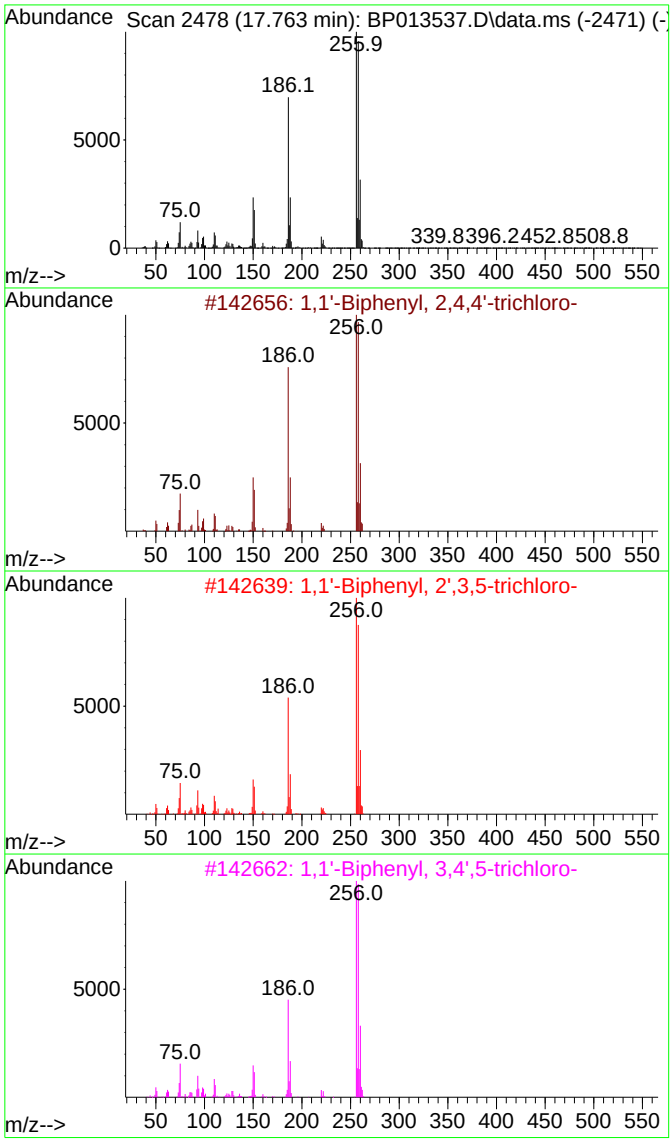
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

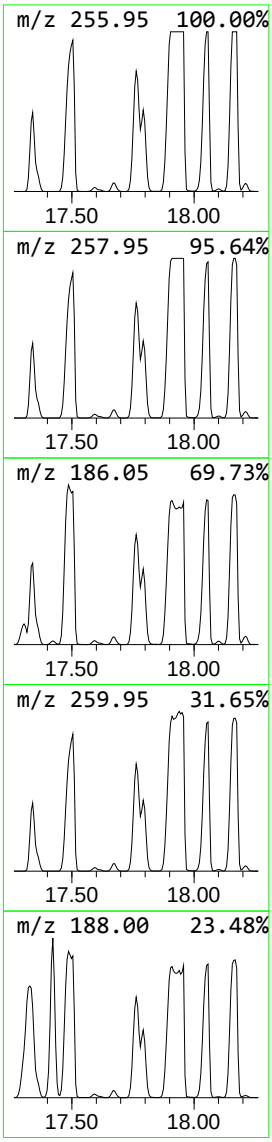
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 1,1'-Biphenyl, 3,4',5-trich... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.763	33.40 ng/ul	65045100	Phenanthrene-d10	17.328

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',3,5-trichloro-	256	C12H7Cl3	037680-68-5	99
3	1,1'-Biphenyl, 3,4',5-trichloro-	256	C12H7Cl3	038444-88-1	99
4	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	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 : BP013537.D
Acq On : 18 Jan 2023 23:55
Operator : CG/JU
Sample : 01146-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4470

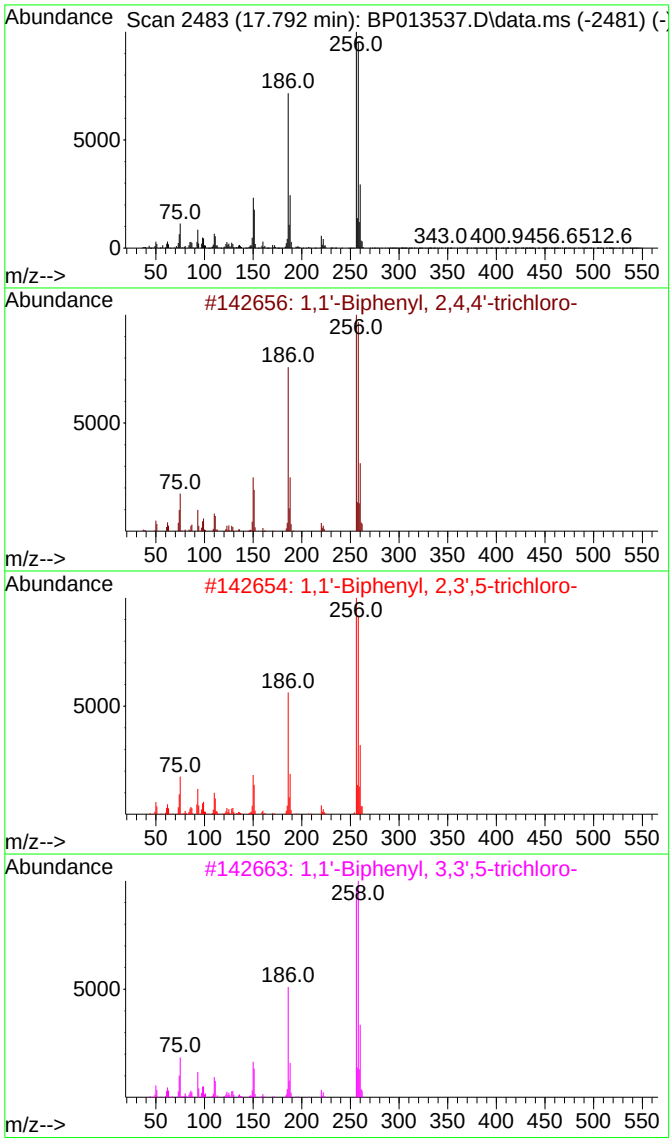
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

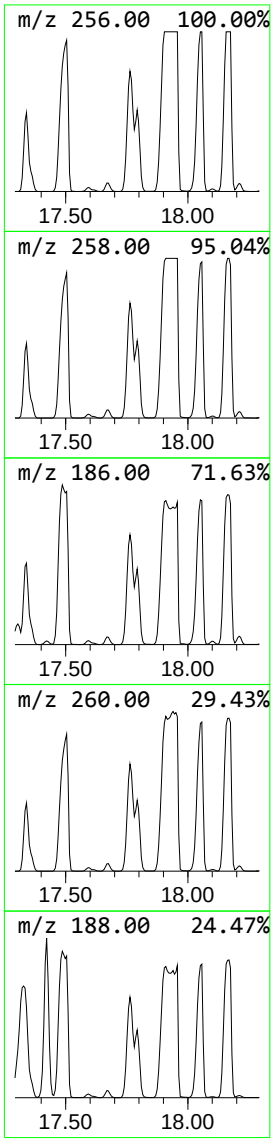
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 1,1'-Biphenyl, 3,3',5-trich... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.792	15.24 ng/ul	29675700	Phenanthrene-d10	17.328

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',5-trichloro-	256	C12H7Cl3	038444-81-4	99
3	1,1'-Biphenyl, 3,3',5-trichloro-	256	C12H7Cl3	038444-87-0	99
4	1,1'-Biphenyl, 2',3,5-trichloro-	256	C12H7Cl3	037680-68-5	99
5	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
Data File : BP013537.D
Acq On : 18 Jan 2023 23:55
Operator : CG/JU
Sample : 01146-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4470

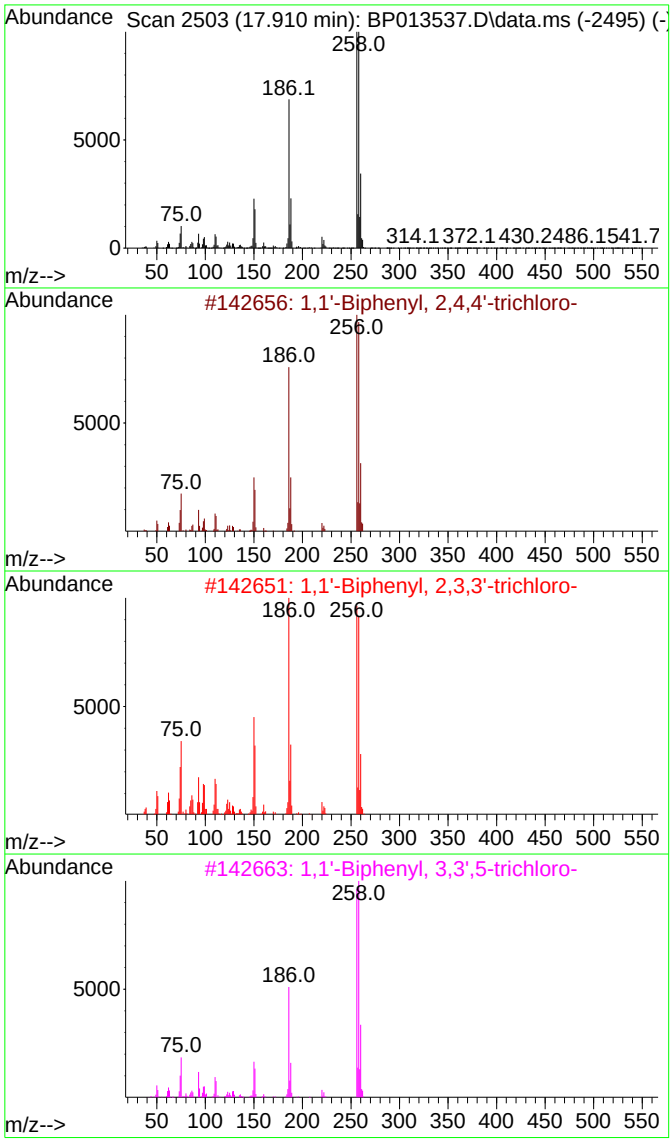
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

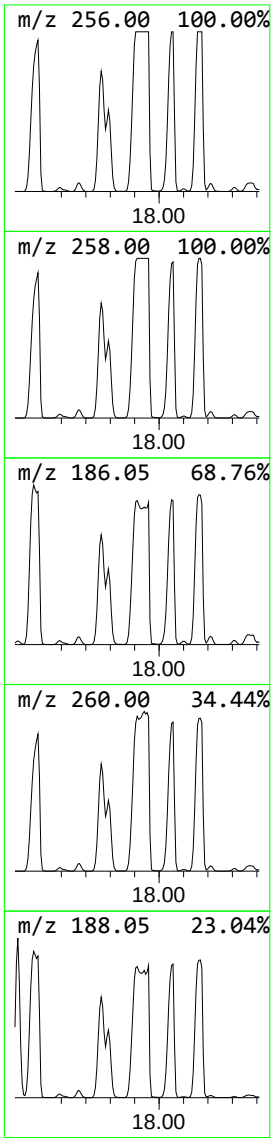
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 1,1'-Biphenyl, 2,3,3'-trich... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.910	54.69 ng/ul	106491000	Phenanthrene-d10	17.328

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, 3,3',5-trichloro-	256	C12H7Cl3	038444-87-0	99
4	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	98
5	1,1'-Biphenyl, 3,4',5-trichloro-	256	C12H7Cl3	038444-88-1	98





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
Data File : BP013537.D
Acq On : 18 Jan 2023 23:55
Operator : CG/JU
Sample : 01146-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4470

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

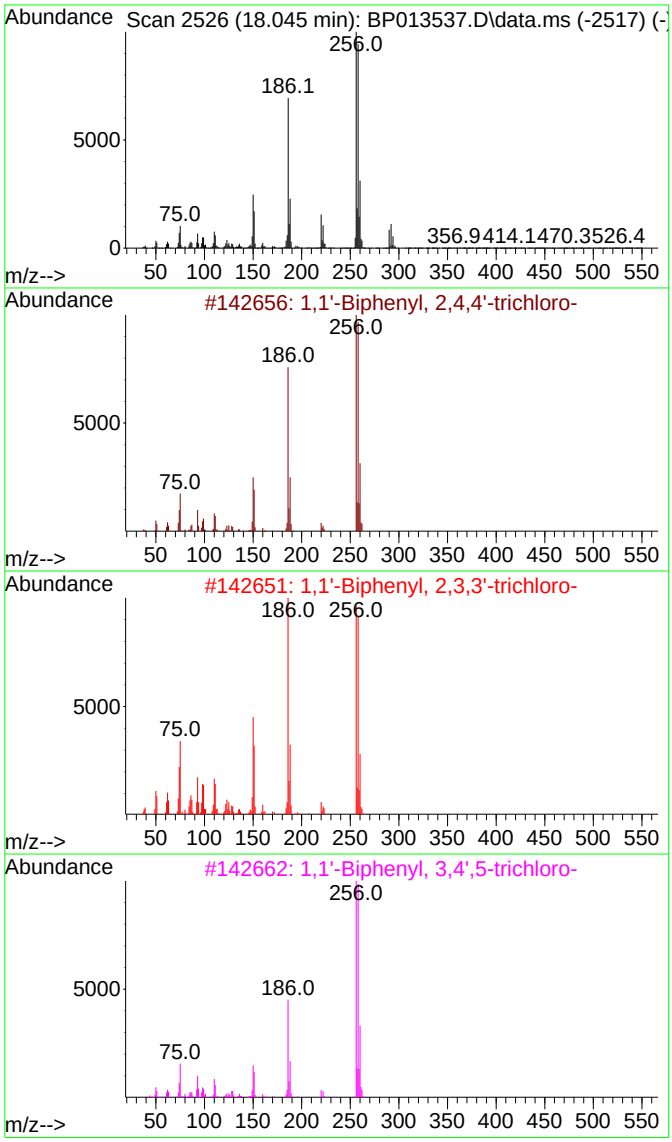
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

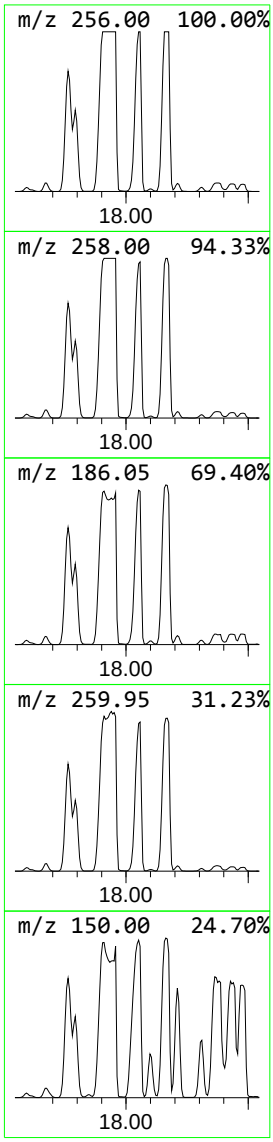
****

Peak Number 22 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.045	63.00 ng/ul	122675000	Phenanthrene-d10	17.328

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, 3,4',5-trichloro-	256	C12H7Cl3	038444-88-1	98
4	1,1'-Biphenyl, 3,3',5-trichloro-	256	C12H7Cl3	038444-87-0	98
5	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	98





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
Data File : BP013537.D
Acq On : 18 Jan 2023 23:55
Operator : CG/JU
Sample : 01146-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4470

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

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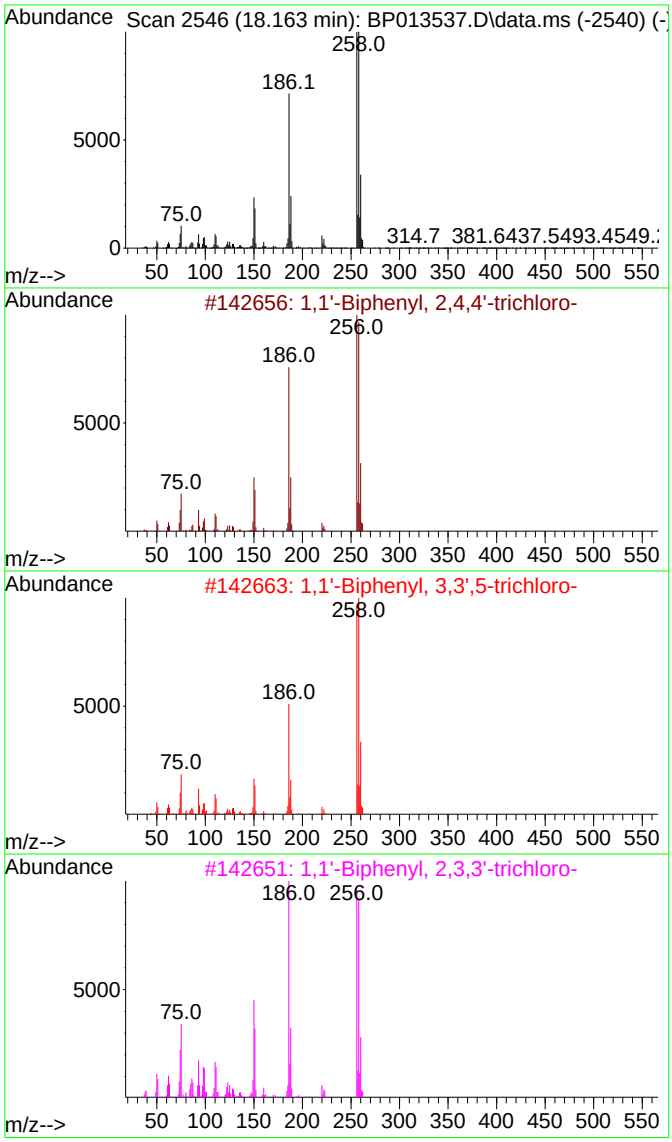
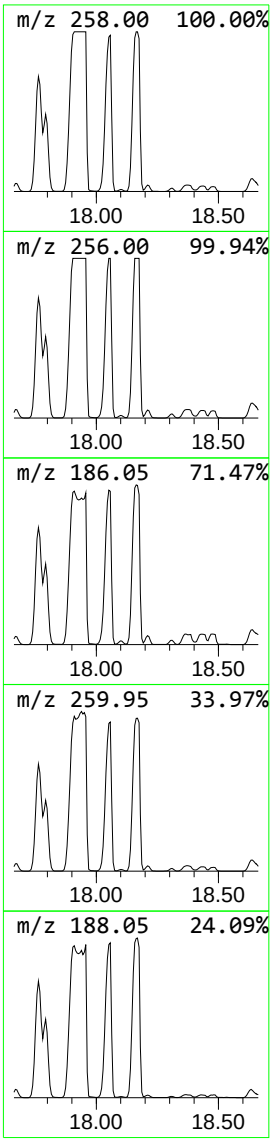
Peak Number 24 unknown-02 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.163	52.09 ng/ul	101435000	Phenanthrene-d10	17.328

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, 3,3',5-trichloro-	256	C12H7Cl3	038444-87-0	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, 3,4',5-trichloro-	256	C12H7Cl3	038444-88-1	98





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Acq On : 18 Jan 2023 23:55
Operator : CG/JU
Sample : 01146-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4470

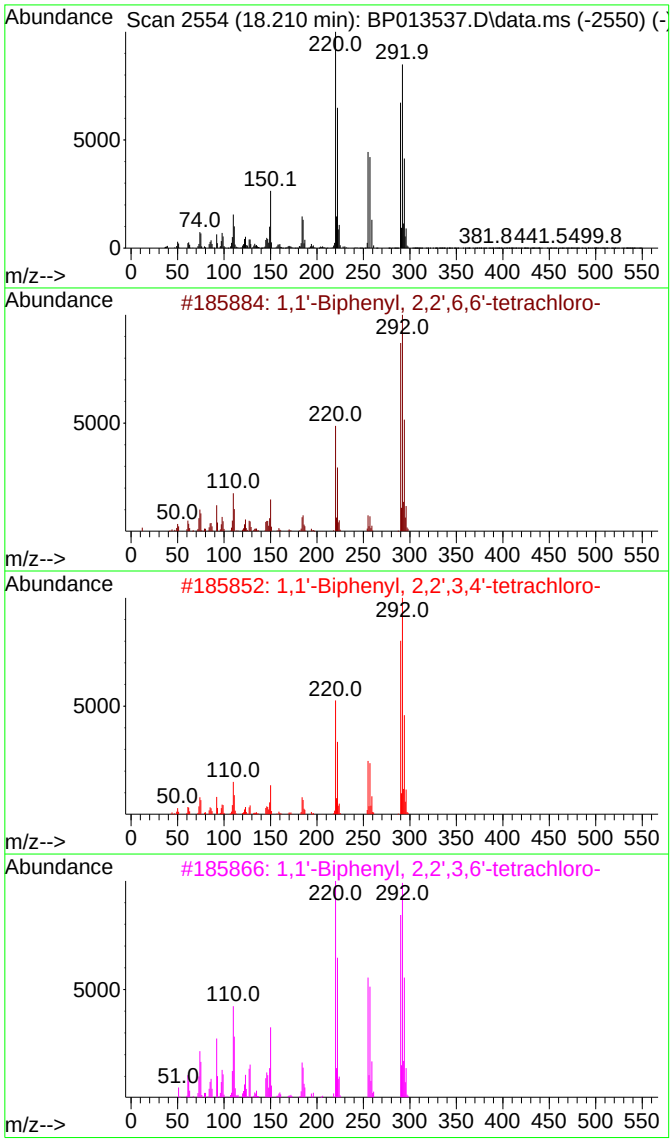
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

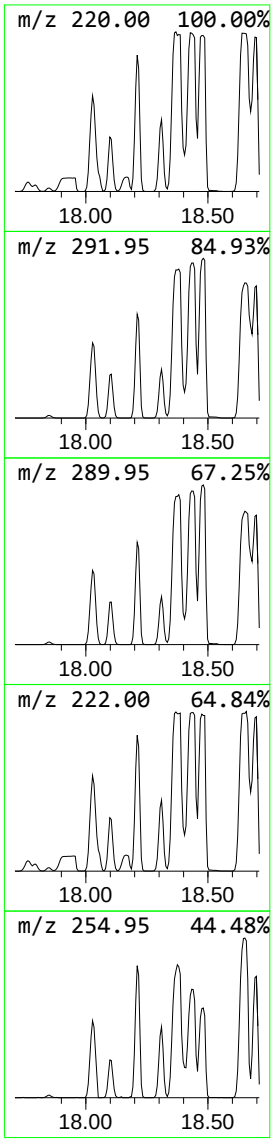
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 1,1'-Biphenyl, 2,2',6,6'-te... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.210	27.78 ng/ul	54091600	Phenanthrene-d10	17.328

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
Data File : BP013537.D
Acq On : 18 Jan 2023 23:55
Operator : CG/JU
Sample : 01146-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4470

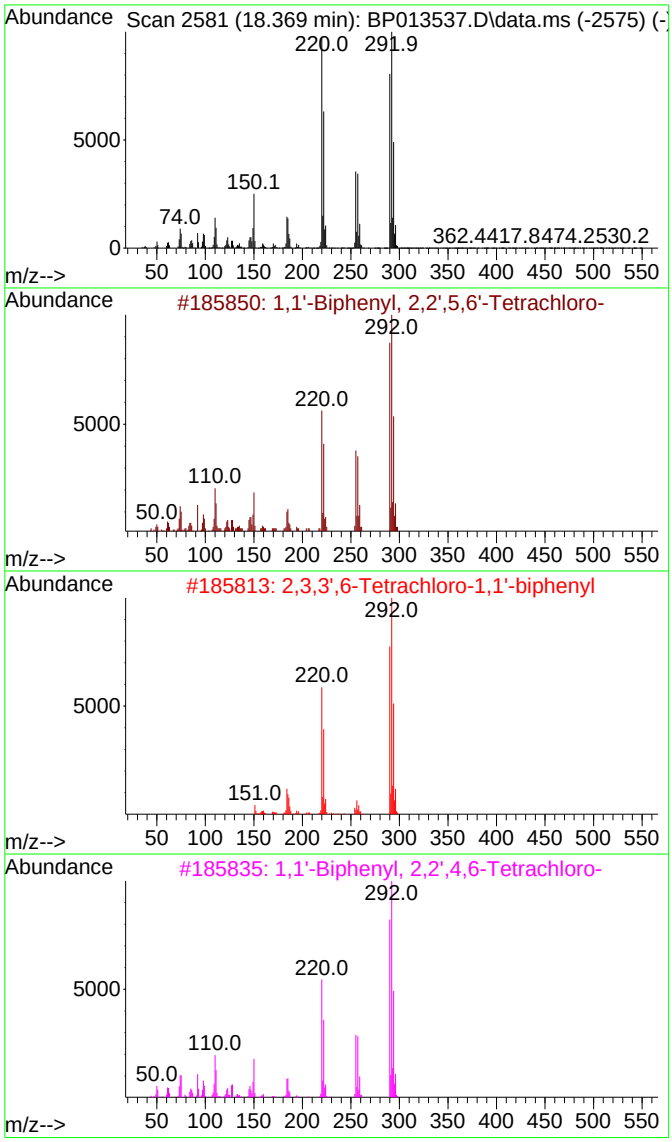
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

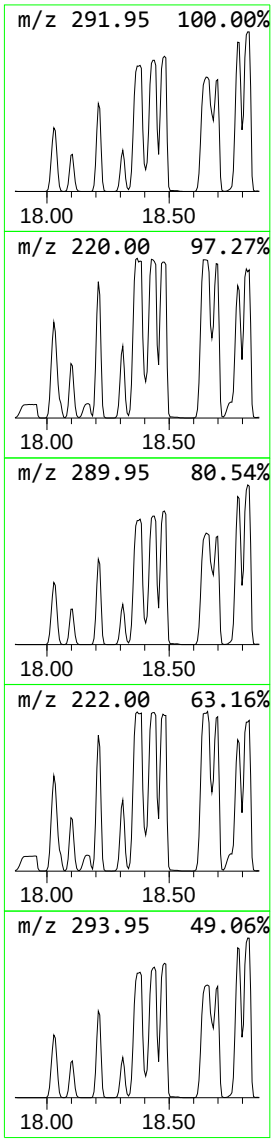
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 1,1'-Biphenyl, 2,2',5,6'-Te... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.369	39.75 ng/ul	77404600	Phenanthrene-d10	17.328

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	2,3,3',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-33-6	99
3	1,1'-Biphenyl, 2,2',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	99
4	1,1'-Biphenyl, 2,2',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	99
5	1,1'-Biphenyl, 2,2',3,4'-tetrach...	290	C12H6Cl4	036559-22-5	99





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Data File : BP013537.D
Acq On : 18 Jan 2023 23:55
Operator : CG/JU
Sample : 01146-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4470

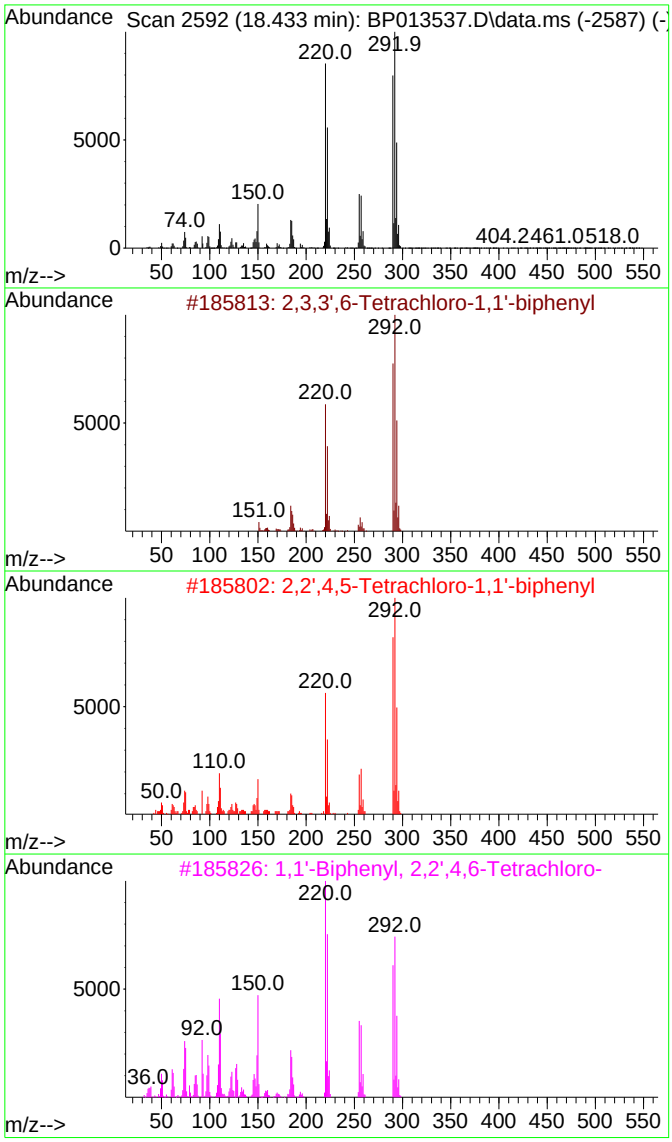
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

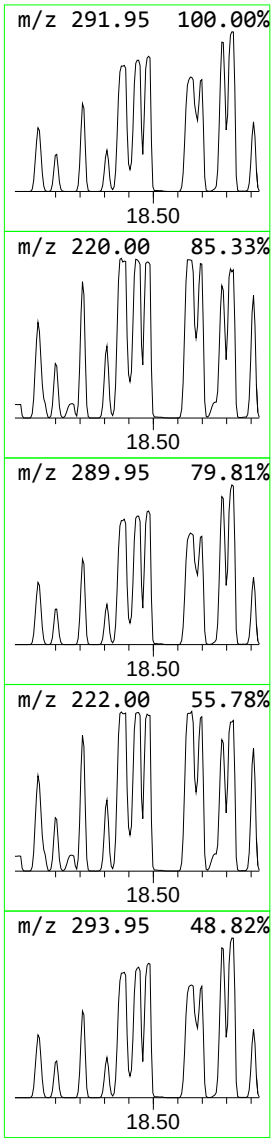
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 2,3,3',6-Tetrachloro-1,1'-b... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.433	41.36 ng/ul	80541800	Phenanthrene-d10	17.328

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	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99
3	1,1'-Biphenyl, 2,2',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	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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Acq On : 18 Jan 2023 23:55
Operator : CG/JU
Sample : 01146-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4470

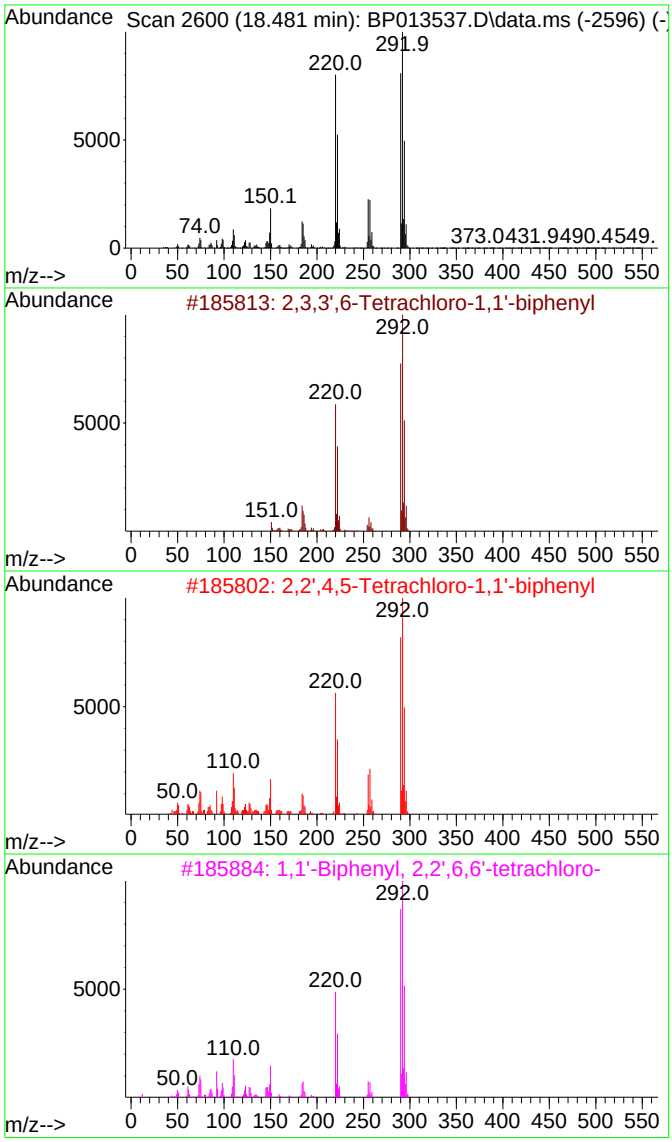
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

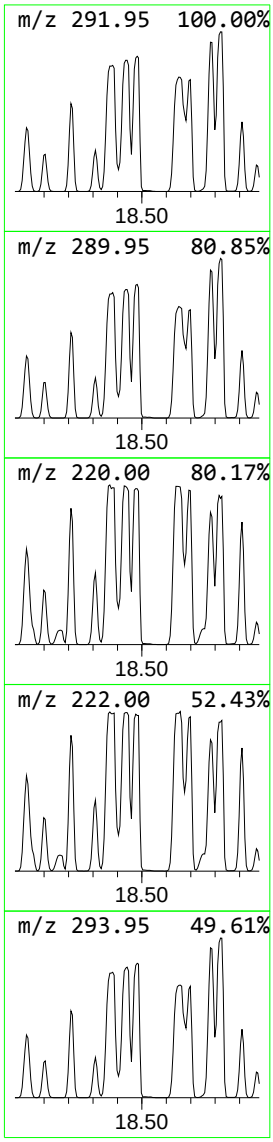
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 2,2',4,5-Tetrachloro-1,1'-b... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.480	42.88 ng/ul	83503400	Phenanthrene-d10	17.328

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	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99
3	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
4	2,3',4',5'-Tetrachloro-1,1'-biph...	290	C12H6Cl4	070362-48-0	99
5	1,1'-Biphenyl, 2,2',3,5'-tetrach...	290	C12H6Cl4	041464-39-5	99





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Data File : BP013537.D
Acq On : 18 Jan 2023 23:55
Operator : CG/JU
Sample : 01146-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4470

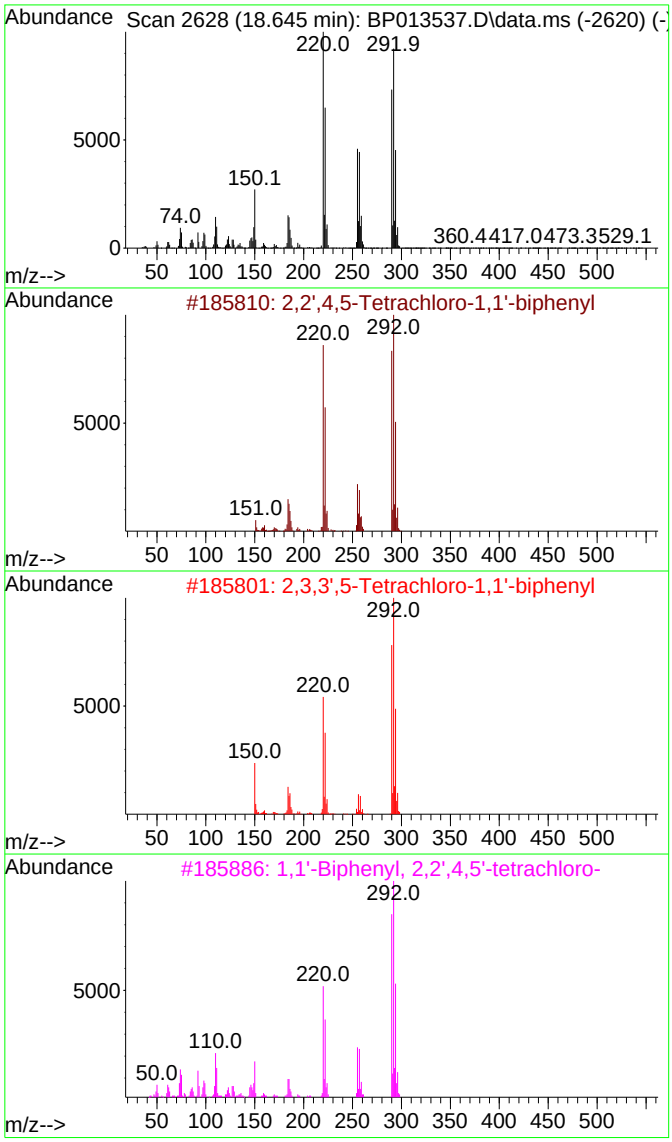
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

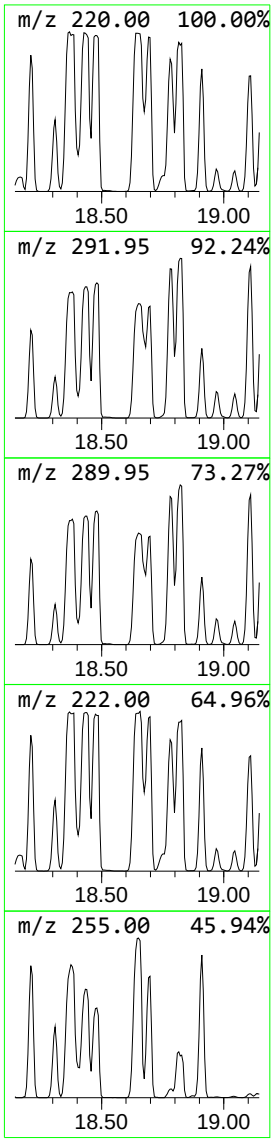
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 2,3,3',5-Tetrachloro-1,1'-b... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.645	42.32 ng/ul	82409000	Phenanthrene-d10	17.328

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99
2	2,3,3',5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070424-67-8	99
3	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	99
4	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99
5	1,1'-Biphenyl, 2,2',3,5'-tetrach...	290	C12H6Cl4	041464-39-5	99





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Data File : BP013537.D
Acq On : 18 Jan 2023 23:55
Operator : CG/JU
Sample : 01146-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4470

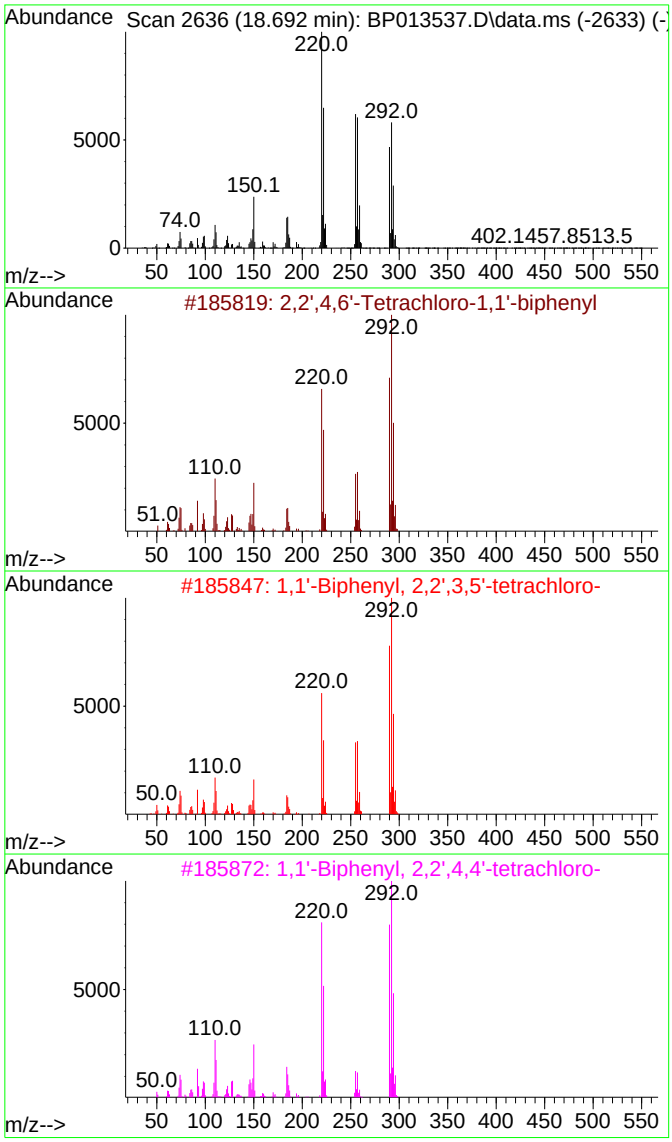
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

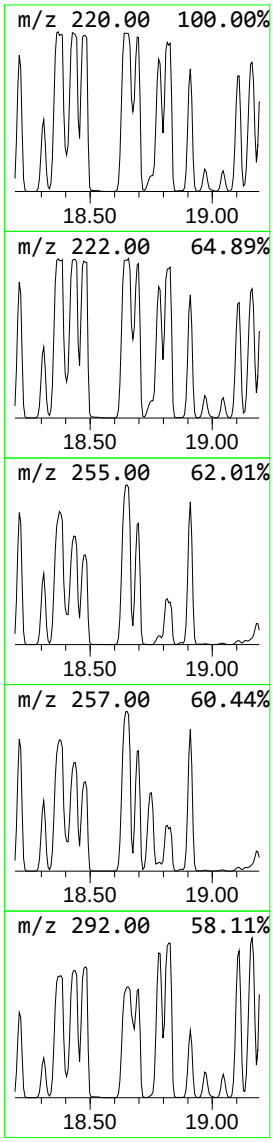
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 2,2',4,6'-Tetrachloro-1,1'-... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.692	34.84 ng/ul	67843900	Phenanthrene-d10	17.328

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',3,5'-tetrach...	290	C12H6Cl4	041464-39-5	99
3	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
4	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	99
5	1,1'-Biphenyl, 2,2',3,3'-tetrach...	290	C12H6Cl4	038444-93-8	99





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Acq On : 18 Jan 2023 23:55
Operator : CG/JU
Sample : 01146-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4470

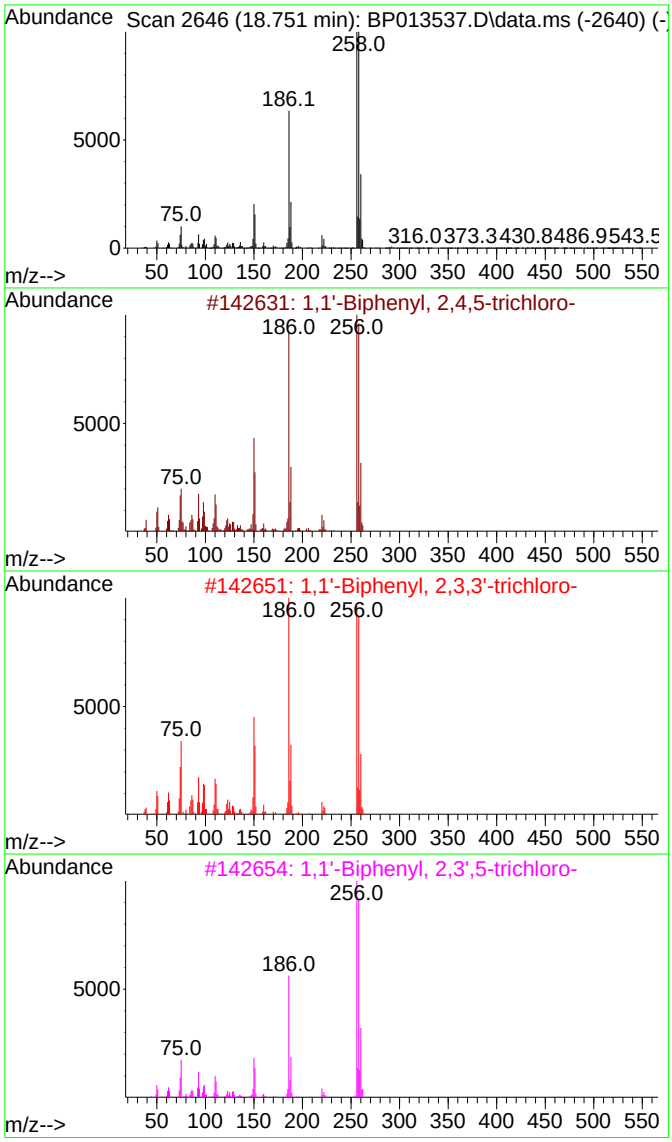
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

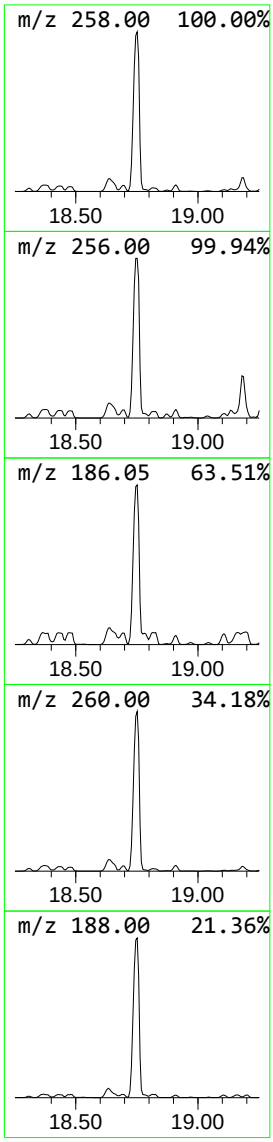
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 1,1'-Biphenyl, 2,4,5-trichl... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.751	41.90 ng/ul	81598600	Phenanthrene-d10	17.328

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





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Acq On : 18 Jan 2023 23:55
Operator : CG/JU
Sample : 01146-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4470

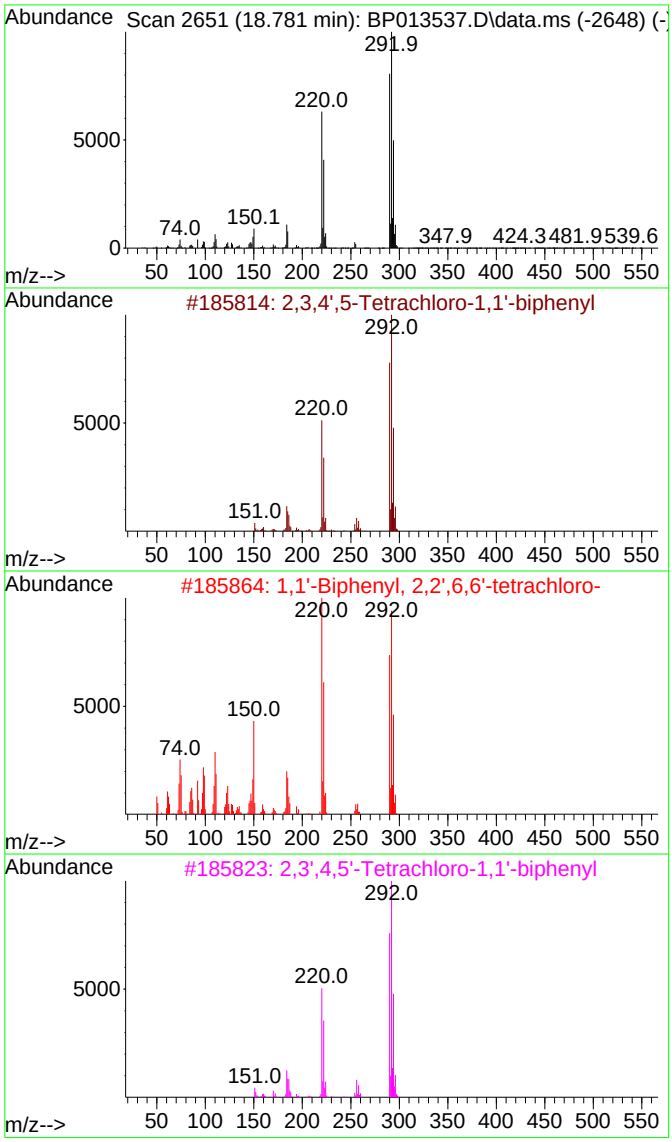
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

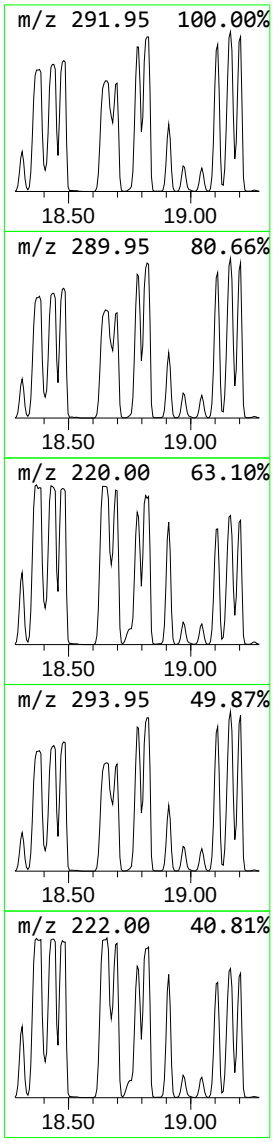
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 2,3,4',5-Tetrachloro-1,1'-b... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.781	36.16 ng/ul	70422100	Phenanthrene-d10	17.328

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, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
3	2,3',4,5'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	073575-52-7	99
4	2,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	073575-53-8	99
5	Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	99





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Data File : BP013537.D
Acq On : 18 Jan 2023 23:55
Operator : CG/JU
Sample : 01146-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4470

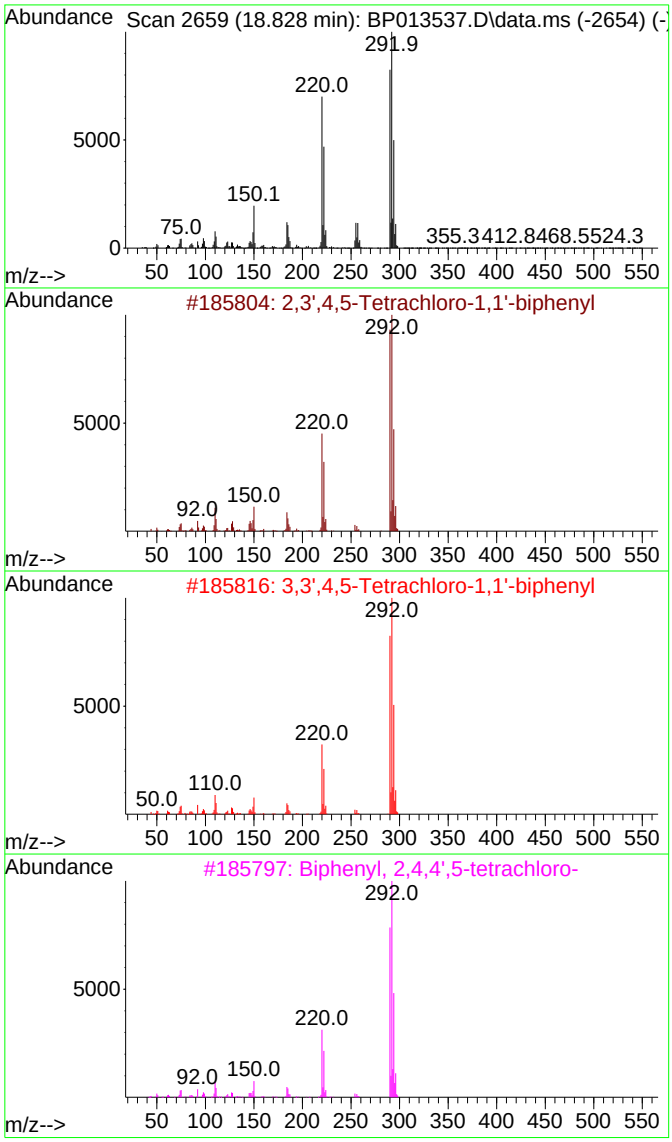
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

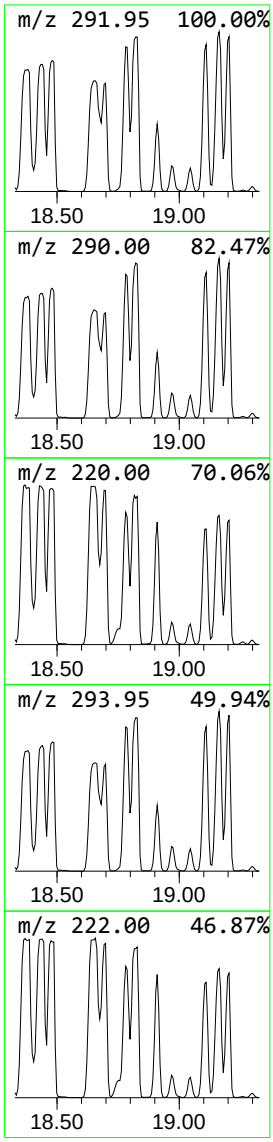
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 3,3',4,5-Tetrachloro-1,1'-b... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.828	46.69 ng/ul	90919900	Phenanthrene-d10	17.328

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	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, 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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Acq On : 18 Jan 2023 23:55
Operator : CG/JU
Sample : 01146-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

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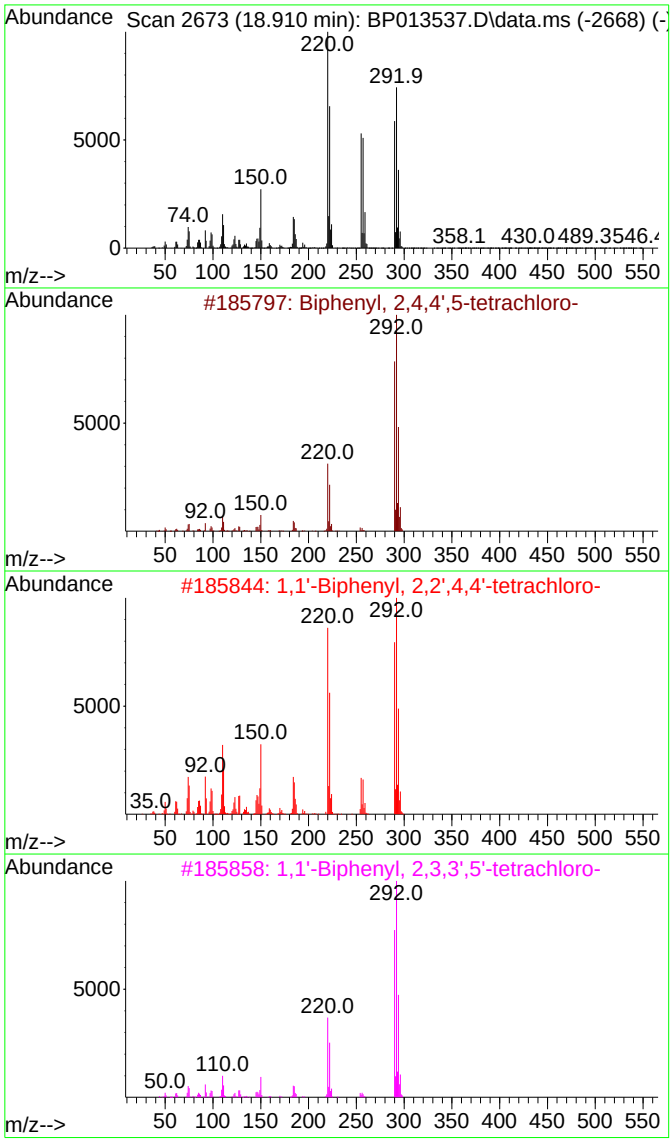
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

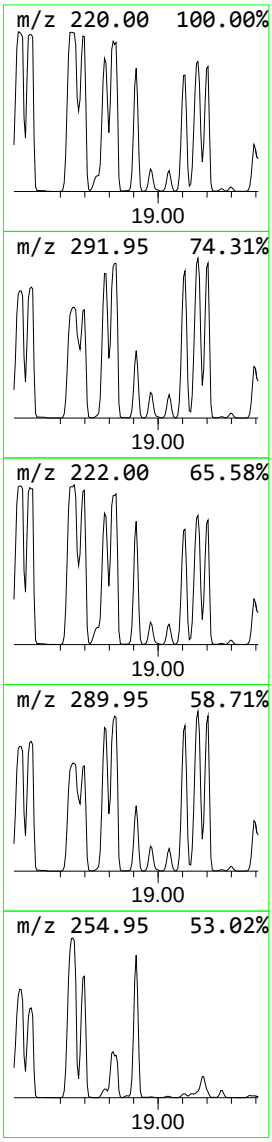
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 Biphenyl, 2,4,4',5-tetrachl... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.910	24.29 ng/ul	47294000	Phenanthrene-d10	17.328

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, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
3	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99
4	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
5	1,1'-Biphenyl, 2,2',3,5'-tetrach...	290	C12H6Cl4	041464-39-5	99





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Data File : BP013537.D
Acq On : 18 Jan 2023 23:55
Operator : CG/JU
Sample : 01146-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4470

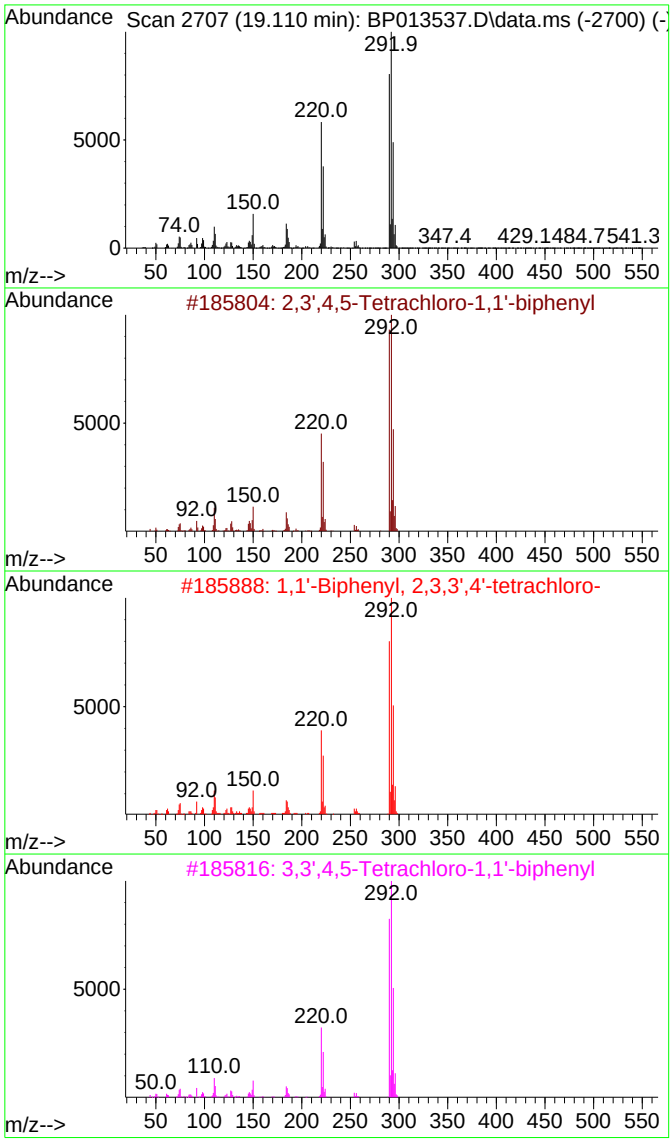
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

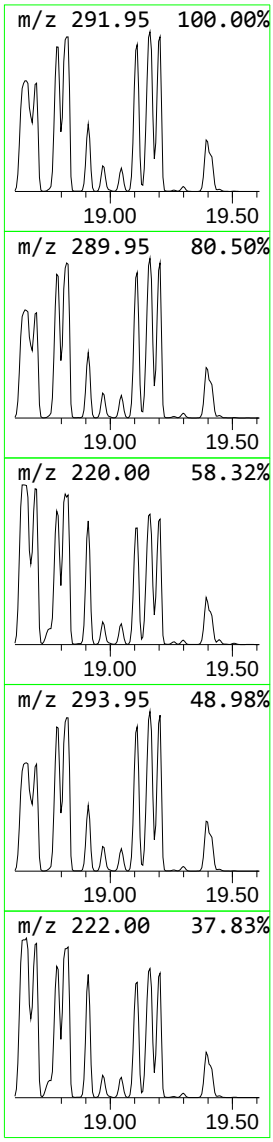
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 1,1'-Biphenyl, 2,3,3',4'-te... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.110	33.04 ng/ul	64338900	Phenanthrene-d10	17.328

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',4'-tetrach...	290	C12H6Cl4	041464-43-1	99
3	3,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-49-1	99
4	1,1'-Biphenyl, 2,3',4,6-Tetrachl...	290	C12H6Cl4	060233-24-1	99
5	Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
Data File : BP013537.D
Acq On : 18 Jan 2023 23:55
Operator : CG/JU
Sample : 01146-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4470

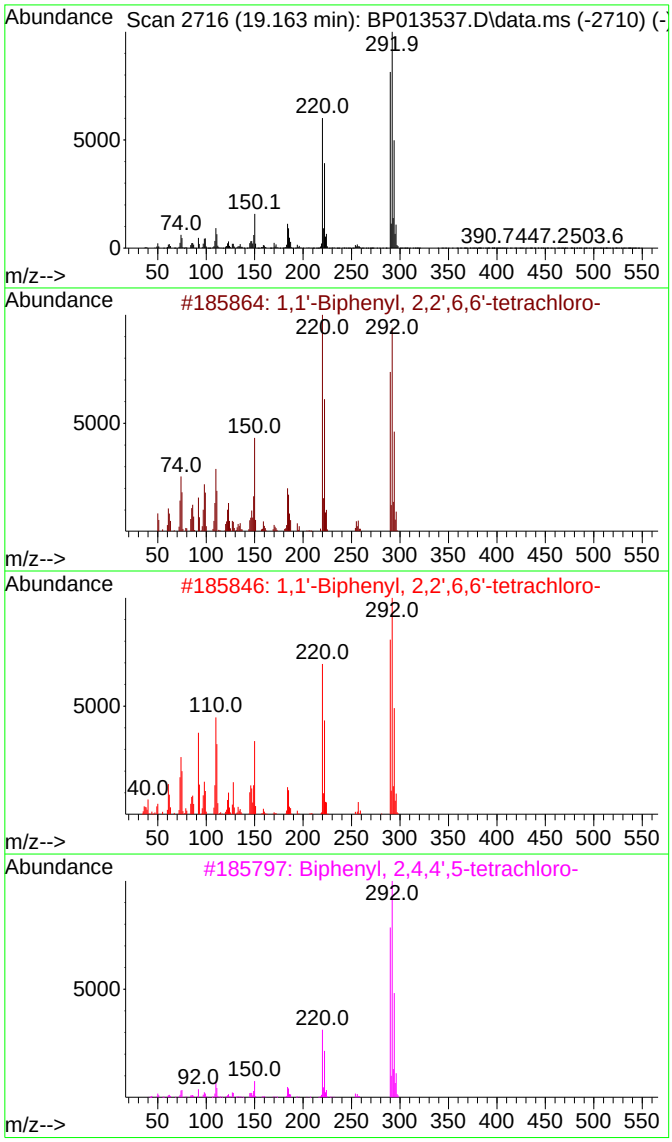
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

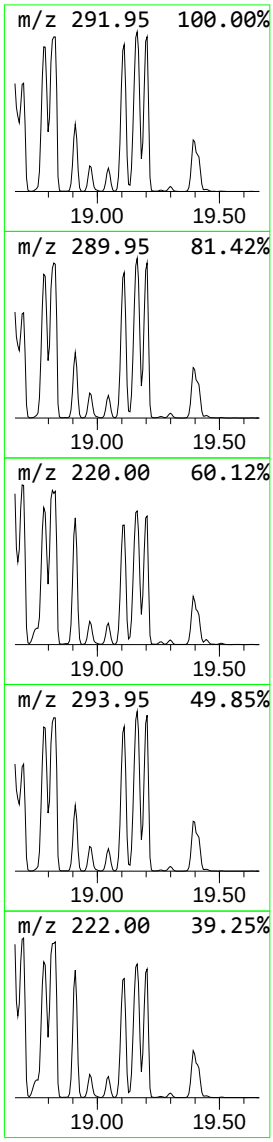
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 2,3,3',4-Tetrachloro-1,1'-b... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.163	51.86 ng/ul	100987000	Phenanthrene-d10	17.328

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
2	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
3	Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	96
4	2,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	073575-53-8	96
5	2,3,3',4-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074338-24-2	96





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Acq On : 18 Jan 2023 23:55
Operator : CG/JU
Sample : 01146-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4470

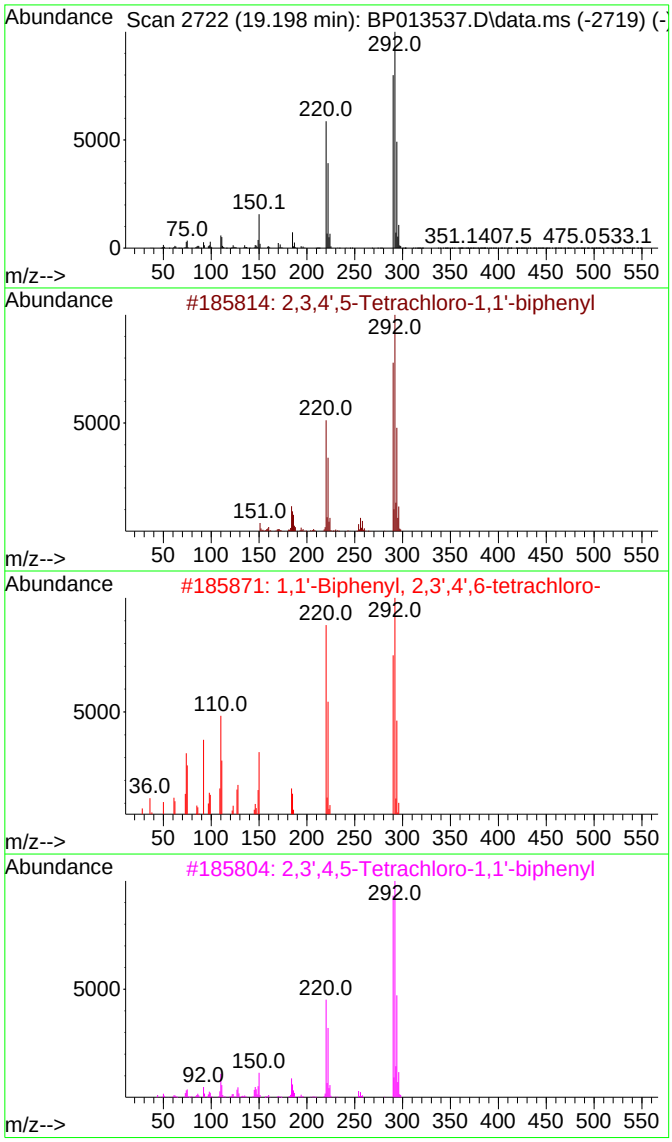
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

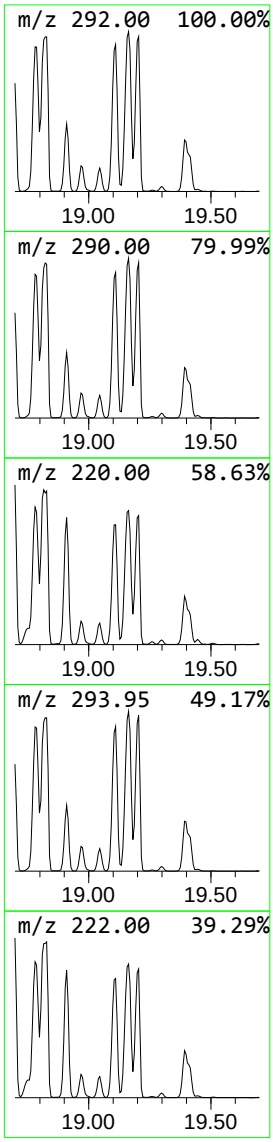
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 40 1,1'-Biphenyl, 2,3',4',6-te... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.198	37.32 ng/ul	72679500	Phenanthrene-d10	17.328

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,4',5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-34-7	95
2	1,1'-Biphenyl, 2,3',4',6-tetrach...	290	C12H6Cl4	041464-46-4	94
3	2,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	073575-53-8	94
4	2,3',4,5'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	073575-52-7	94
5	2,3,4,6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	054230-22-7	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
Data File : BP013537.D
Acq On : 18 Jan 2023 23:55
Operator : CG/JU
Sample : 01146-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4470

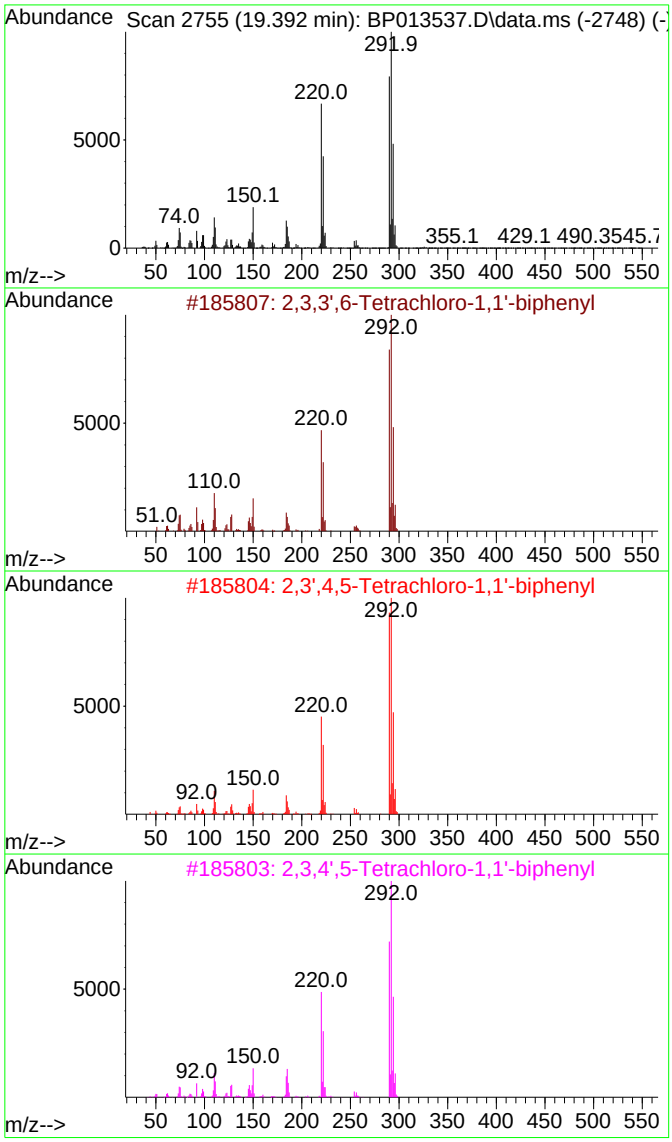
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

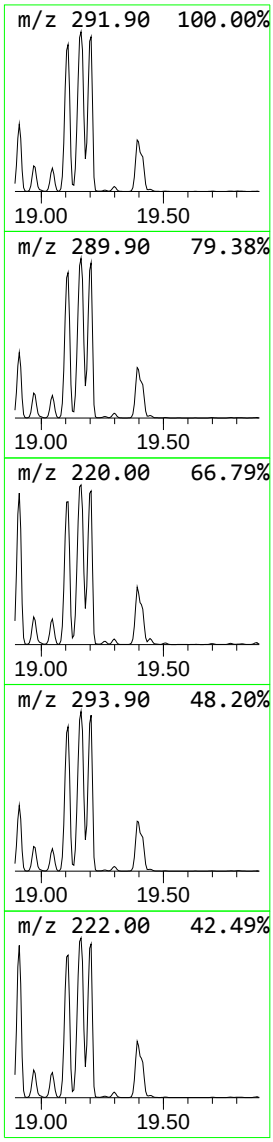
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 42 unknown-03 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.392	85.33 ng/ul	36214800	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	2,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	073575-53-8	99
3	2,3,4',5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-34-7	99
4	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
5	1,1'-Biphenyl, 2,3',4',6-tetrach...	290	C12H6Cl4	041464-46-4	99





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Data File : BP013537.D
Acq On : 18 Jan 2023 23:55
Operator : CG/JU
Sample : 01146-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4470

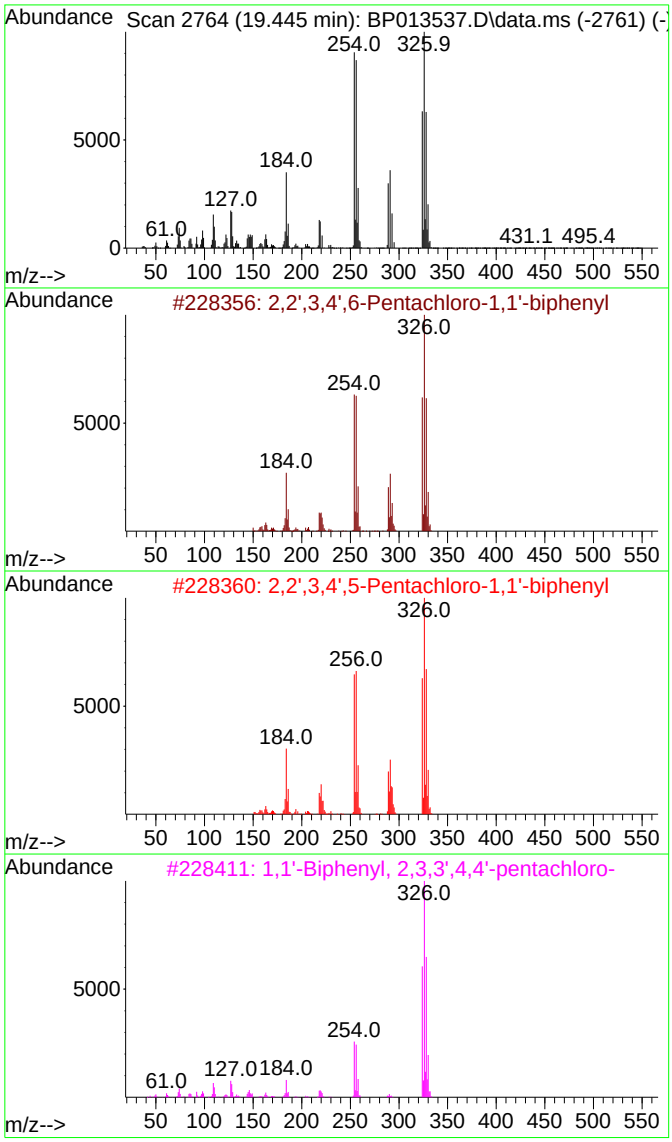
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

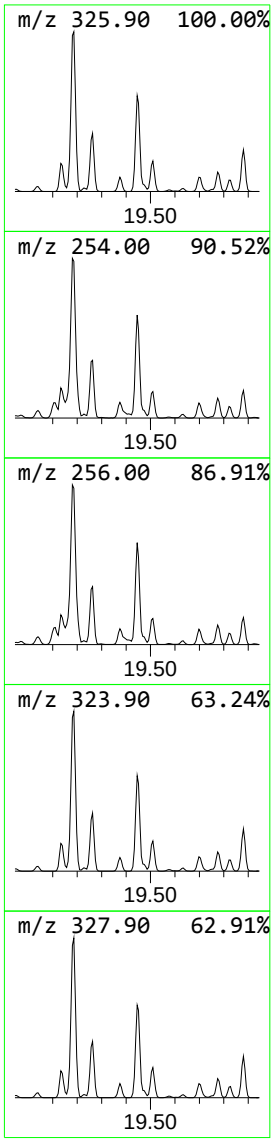
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 43 2,2',3,4',6-Pentachloro-1,1... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.445	52.54 ng/ul	22299200	Chrysene-d12	21.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,4',6-Pentachloro-1,1'-bip...	324	C12H5Cl5	068194-05-8	99
2	2,2',3,4',5-Pentachloro-1,1'-bip...	324	C12H5Cl5	068194-07-0	99
3	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99
4	2,2',3,4',5-Pentachloro-1,1'-bip...	324	C12H5Cl5	068194-07-0	99
5	2,3,3',4,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	070362-41-3	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
Data File : BP013537.D
Acq On : 18 Jan 2023 23:55
Operator : CG/JU
Sample : 01146-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4470

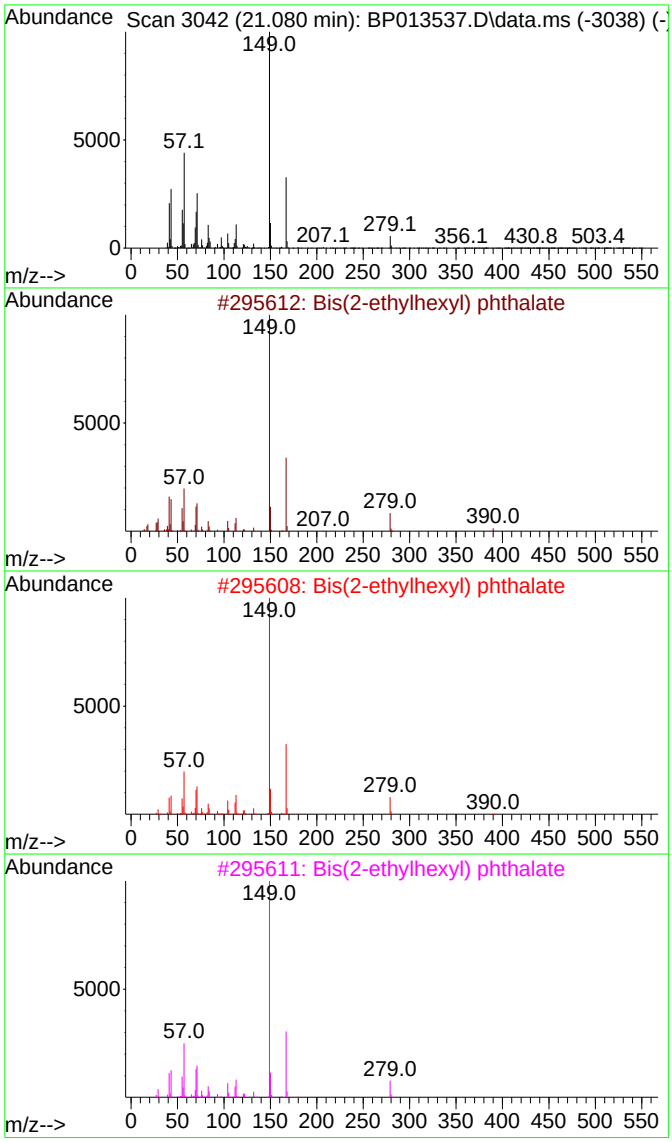
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

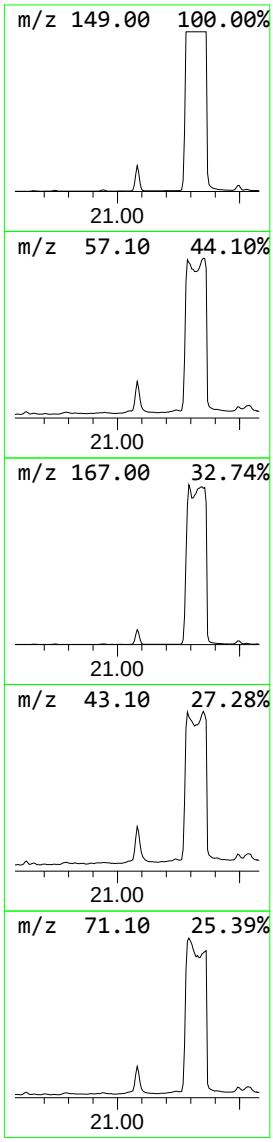
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 55 Phthalic acid, di(2-propylp... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.080	17.80 ng/ul	7554660	Chrysene-d12	21.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bis(2-ethylhexyl) phthalate	390	C24H38O4	000117-81-7	91
2	Bis(2-ethylhexyl) phthalate	390	C24H38O4	000117-81-7	87
3	Bis(2-ethylhexyl) phthalate	390	C24H38O4	000117-81-7	87
4	Phthalic acid, di(2-propylpentyl...	390	C24H38O4	1000377-93-5	86
5	Phthalic acid, di(oct-3-yl) ester	390	C24H38O4	1000377-72-3	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
Data File : BP013537.D
Acq On : 18 Jan 2023 23:55
Operator : CG/JU
Sample : 01146-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4470

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
1-Hexanol, 2-et...	7.999	826.7	ng/ul	120319000	1	7.899	2910830	20.0
2-Tetradecene, ...	13.269	59.3	ng/ul	16019500	3	14.545	5400480	20.0
1,1'-Biphenyl, ...	15.816	393.6	ng/ul	106292000	3	14.545	5400480	20.0
1,1'-Biphenyl, ...	16.410	16.0	ng/ul	31072500	4	17.328	38945600	20.0
1,1'-Biphenyl, ...	16.534	38.4	ng/ul	74728000	4	17.328	38945600	20.0
1,1'-Biphenyl, ...	16.834	31.5	ng/ul	61265000	4	17.328	38945600	20.0
1,1'-Biphenyl, ...	17.198	66.9	ng/ul	130289000	4	17.328	38945600	20.0
1,1'-Biphenyl, ...	17.239	40.4	ng/ul	78673100	4	17.328	38945600	20.0
1,1'-Biphenyl, ...	17.492	46.2	ng/ul	90020700	4	17.328	38945600	20.0
1,1'-Biphenyl, ...	17.763	33.4	ng/ul	65045100	4	17.328	38945600	20.0
1,1'-Biphenyl, ...	17.792	15.2	ng/ul	29675700	4	17.328	38945600	20.0
1,1'-Biphenyl, ...	17.910	54.7	ng/ul	106491000	4	17.328	38945600	20.0
unknown-01	18.045	63.0	ng/ul	122675000	4	17.328	38945600	20.0
unknown-02	18.163	52.1	ng/ul	101435000	4	17.328	38945600	20.0
1,1'-Biphenyl, ...	18.210	27.8	ng/ul	54091600	4	17.328	38945600	20.0
1,1'-Biphenyl, ...	18.369	39.8	ng/ul	77404600	4	17.328	38945600	20.0
2,3,3',6-Tetrac...	18.433	41.4	ng/ul	80541800	4	17.328	38945600	20.0
2,2',4,5-Tetrac...	18.480	42.9	ng/ul	83503400	4	17.328	38945600	20.0
2,3,3',5-Tetrac...	18.645	42.3	ng/ul	82409000	4	17.328	38945600	20.0
2,2',4,6'-Tetra...	18.692	34.8	ng/ul	67843900	4	17.328	38945600	20.0
1,1'-Biphenyl, ...	18.751	41.9	ng/ul	81598600	4	17.328	38945600	20.0
2,3,4',5-Tetrac...	18.781	36.2	ng/ul	70422100	4	17.328	38945600	20.0
3,3',4,5-Tetrac...	18.828	46.7	ng/ul	90919900	4	17.328	38945600	20.0
Biphenyl, 2,4,4...	18.910	24.3	ng/ul	47294000	4	17.328	38945600	20.0
1,1'-Biphenyl, ...	19.110	33.0	ng/ul	64338900	4	17.328	38945600	20.0
2,3,3',4-Tetrac...	19.163	51.9	ng/ul	100987000	4	17.328	38945600	20.0
1,1'-Biphenyl, ...	19.198	37.3	ng/ul	72679500	4	17.328	38945600	20.0
unknown-03	19.392	85.3	ng/ul	36214800	5	21.392	8487960	20.0
2,2',3,4',6-Pen...	19.445	52.5	ng/ul	22299200	5	21.392	8487960	20.0
Phthalic acid, ...	21.080	17.8	ng/ul	7554660	5	21.392	8487960	20.0