LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
Data File : BP013536.D
Acq On : 18 Jan 2023 23:21
Operator : CG/JU
Sample : 01146-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4462

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: BP013536.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.975	299	304	314	rVB2	139918	257273	0.20%	0.011%
2	7.058	652	658	673	rVB	1361396	2122812	1.64%	0.089%
3	7.222	681	686	694	rBV	1002187	1577719	1.22%	0.066%
4	7.422	712	720	731	rBV	1329336	2110299	1.63%	0.089%
5	7.893	792	800	809	rBV	1896431	3120723	2.41%	0.131%
6	8.610	915	922	933	rVB	1504675	2457679	1.90%	0.103%
7	9.063	992	999	1006	rBV	1193924	1935211	1.49%	0.081%
8	9.787	1114	1122	1134	rBV	1009883	1647635	1.27%	0.069%
9	10.328	1207	1214	1227	rBV	1473787	2518305	1.95%	0.106%
10	10.569	1248	1255	1262	rBV	173065	291199	0.22%	0.012%
11	10.704	1267	1278	1286	rBV	2352621	3900133	3.01%	0.164%
12	10.846	1296	1302	1319	rBV	1329586	2297316	1.77%	0.096%
13	12.893	1644	1650	1654	rBV	525430	700303	0.54%	0.029%
14	12.945	1654	1659	1665	rVV	996309	1306163	1.01%	0.055%
15	13.187	1694	1700	1703	rBV	864210	1166580	0.90%	0.049%
16	13.375	1722	1732	1736	rBV2	524772	1300800	1.00%	0.055%
17	13.951	1820	1830	1837	rBV	2419706	3265027	2.52%	0.137%
18	14.192	1865	1871	1873	rBV	172306	242630	0.19%	0.010%
19	14.234	1873	1878	1883	rBV	2722499	4063981	3.14%	0.171%
20	14.557	1918	1933	1940	rBV2	4009819	9638527	7.44%	0.405%
21	14.628	1940	1945	1947	rVV	391854	533749	0.41%	0.022%
22	14.663	1947	1951	1960	rVB	3282077	4428669	3.42%	0.186%
23	14.751	1960	1966	1975	rBV	544763	882852	0.68%	0.037%
24	15.375	2067	2072	2078	rVB	2566257	3236615	2.50%	0.136%
25	15.492	2085	2092	2096	rBV	3452029	4959421	3.83%	0.208%
26	15.539	2096	2100	2104	rBV	3525880	4469446	3.45%	0.188%
27	15.586	2104	2108	2118	rVB2	5038442	7433729	5.74%	0.312%
28	15.675	2118	2123	2128	rBV	536177	778249	0.60%	0.033%
29	15.751	2128	2136	2140	rBV	5235574	7362766	5.69%	0.309%
30	15.816	2140	2147	2149	rBV	46756716	102755785	79.36%	4.313%
31	15.922	2162	2165	2172	rVB	399540	473622	0.37%	0.020%
32	16.034	2179	2184	2189	rVV2	298907	568212	0.44%	0.024%
33	16.081	2189	2192	2196	rVV	215552	340676	0.26%	0.014%
34	16.151	2196	2204	2205	rVV2	47648749	88079733	68.03%	3.697%
35	16.192	2209	2211	2216	rVV	2540481	2768695	2.14%	0.116%
36	16.251	2216	2221	2228	rVV	5774211	7650615	5.91%	0.321%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
Data File : BP013536.D
Acq On : 18 Jan 2023 23:21
Operator : CG/JU
Sample : 01146-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4462

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	16.363	2235	2240	2243	rVV	2702344	3572776	2.76%	0.150%
38	16.416	2243	2249	2258	rVV	24197497	35026099	27.05%	1.470%
39	16.534	2263	2269	2275	rVV	34131467	53598808	41.40%	2.250%
40	16.586	2275	2278	2283	rVB	623493	770543	0.60%	0.032%
41	16.669	2287	2292	2298	rVB	798911	1046967	0.81%	0.044%
42	16.833	2310	2320	2325	rBV	32979060	48780768	37.68%	2.048%
43	16.898	2325	2331	2335	rVB2	925871	1391621	1.07%	0.058%
44	16.945	2335	2339	2344	rVB	212922	275550	0.21%	0.012%
45	17.081	2355	2362	2371	rBV	665194	1123229	0.87%	0.047%
46	17.192	2372	2381	2385	rBV3	47953872	129473923	100.00%	5.435%
47	17.233	2385	2388	2394	rVV	46376217	78596891	60.70%	3.299%
48	17.304	2394	2400	2403	rVV	43601708	73888502	57.07%	3.102%
49	17.333	2403	2405	2414	rVB	19442648	30161498	23.30%	1.266%
50	17.422	2414	2420	2424	rBV2	4030928	5438040	4.20%	0.228%
51	17.498	2424	2433	2437	rBV3	47889060	108479543	83.78%	4.554%
52	17.592	2443	2449	2456	rBV	1057503	1940506	1.50%	0.081%
53	17.675	2456	2463	2471	rVB3	2798453	5049227	3.90%	0.212%
54	17.763	2471	2478	2481	rBV	34062905	58517304	45.20%	2.456%
55	17.792	2481	2483	2489	rVB	20633873	23184506	17.91%	0.973%
56	17.845	2489	2492	2495	rBV	617404	766062	0.59%	0.032%
57	17.910	2495	2503	2505	rBV2	48494090	105264070	81.30%	4.419%
58	18.045	2516	2526	2531	rBV3	48094659	102409386	79.10%	4.299%
59	18.098	2531	2535	2539	rVV	11512188	14068830	10.87%	0.591%
60	18.163	2539	2546	2550	rVV	49045687	90266143	69.72%	3.789%
61	18.210	2550	2554	2562	rVB	31555410	40933041	31.61%	1.718%
62	18.304	2565	2570	2575	rBV	14384797	19290983	14.90%	0.810%
63	18.369	2575	2581	2586	rVV	48518125	105509626	81.49%	4.429%
64	18.428	2586	2591	2595	rVV	47331240	88964779	68.71%	3.734%
65	18.475	2595	2599	2603	rVB	47092127	70920601	54.78%	2.977%
66	18.645	2620	2628	2632	rBV2	48709109	111726469	86.29%	4.690%
67	18.686	2632	2635	2639	rVV	38442381	52623647	40.64%	2.209%
68	18.745	2639	2645	2648	rVV	41467316	67802118	52.37%	2.846%
69	18.775	2648	2650	2653	rVV	35240568	45968631	35.50%	1.930%
70	18.816	2653	2657	2662	rVB	48633476	77448520	59.82%	3.251%
71	18.869	2662	2666	2668	rBV	1686807	2016240	1.56%	0.085%
72	18.904	2668	2672	2677	rVB	25959757	32414826	25.04%	1.361%
73	18.969	2677	2683	2687	rBV	4758376	5780448	4.46%	0.243%
74	19.039	2690	2695	2700	rVB	4093110	5388902	4.16%	0.226%
75	19.104	2700	2706	2709	rBV	30154075	39536326	30.54%	1.660%
76	19.157	2709	2715	2718	rVV	40338317	69607562	53.76%	2.922%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
Data File : BP013536.D
Acq On : 18 Jan 2023 23:21
Operator : CG/JU
Sample : 01146-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4462

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	19.192	2718	2721	2726	rVV2	38124907	52684910	40.69%	2.212%
78	19.257	2728	2732	2736	rVV	5210380	5725487	4.42%	0.240%
79	19.292	2736	2738	2747	rVB	1069667	1403578	1.08%	0.059%
80	19.392	2747	2755	2761	rBV	14764650	31076998	24.00%	1.304%
81	19.445	2761	2764	2771	rVV	10248031	12752122	9.85%	0.535%
82	19.510	2771	2775	2779	rVB	3412406	4102775	3.17%	0.172%
83	19.639	2792	2797	2803	rBV	5799285	7724149	5.97%	0.324%
84	19.698	2803	2807	2813	rBV2	2455435	3082580	2.38%	0.129%
85	19.775	2813	2820	2824	rBV	3043048	3910148	3.02%	0.164%
86	19.822	2824	2828	2832	rVV	1747864	2093053	1.62%	0.088%
87	19.880	2833	2838	2842	rVB	4973823	5857623	4.52%	0.246%
88	19.927	2842	2846	2850	rBV	2457427	2845115	2.20%	0.119%
89	19.963	2850	2852	2856	rVB	389239	339398	0.26%	0.014%
90	20.022	2858	2862	2867	rVB	1395862	1616072	1.25%	0.068%
91	20.127	2876	2880	2885	rBV4	587182	1192271	0.92%	0.050%
92	20.186	2885	2890	2896	rVB	4235489	5264075	4.07%	0.221%
93	20.316	2909	2912	2918	rBV2	398466	580261	0.45%	0.024%
94	20.404	2924	2927	2931	rBV	308753	348942	0.27%	0.015%
95	20.486	2937	2941	2945	rVV	2949955	3386820	2.62%	0.142%
96	20.522	2945	2947	2951	rVB	479540	477300	0.37%	0.020%
97	21.080	3038	3042	3055	rBV	17713135	24478360	18.91%	1.028%
98	21.292	3072	3078	3082	rBV4	44186452	103544271	79.97%	4.346%
99	23.692	3480	3486	3493	rVB2	4241106	8420818	6.50%	0.353%
100	23.851	3507	3513	3521	rVB2	3809530	7721317	5.96%	0.324%

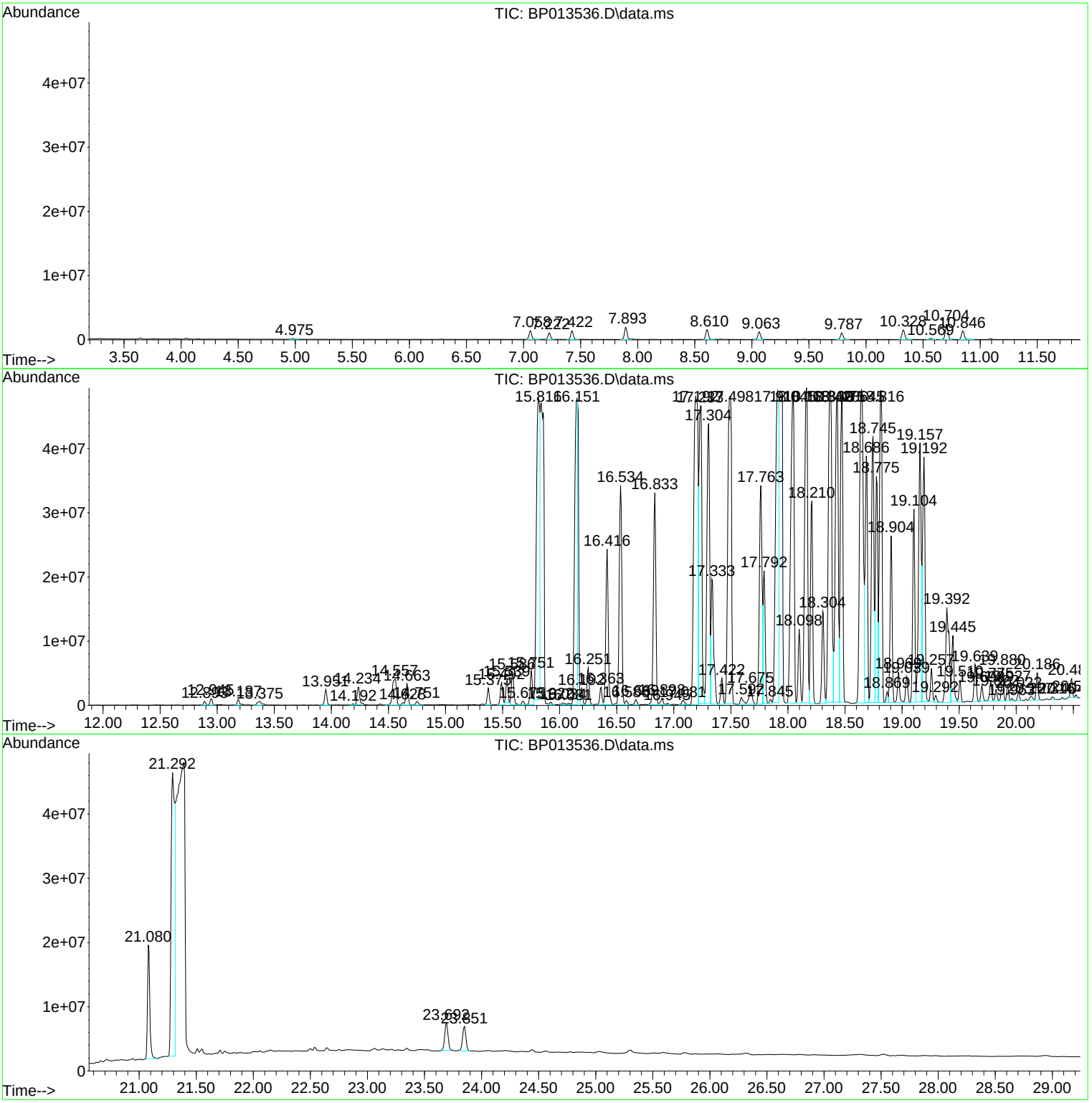
Sum of corrected areas: 2382295103

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
Data File : BP013536.D
Acq On : 18 Jan 2023 23:21
Operator : CG/JU
Sample : 01146-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4462

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 : BP013536.D
Acq On : 18 Jan 2023 23:21
Operator : CG/JU
Sample : 01146-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4462

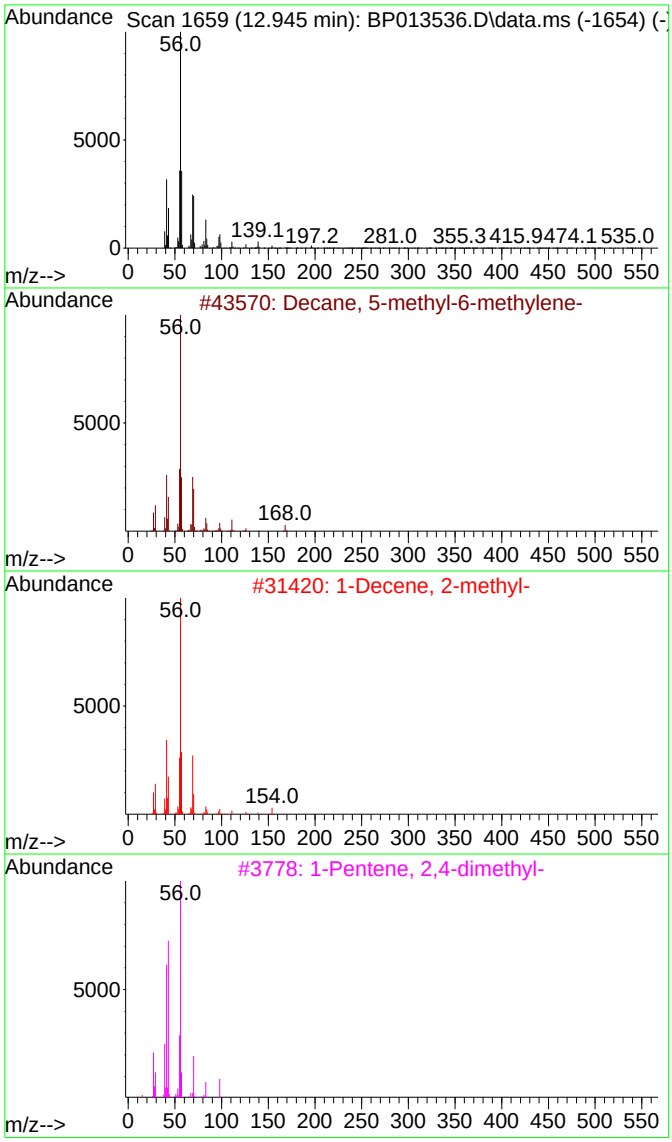
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

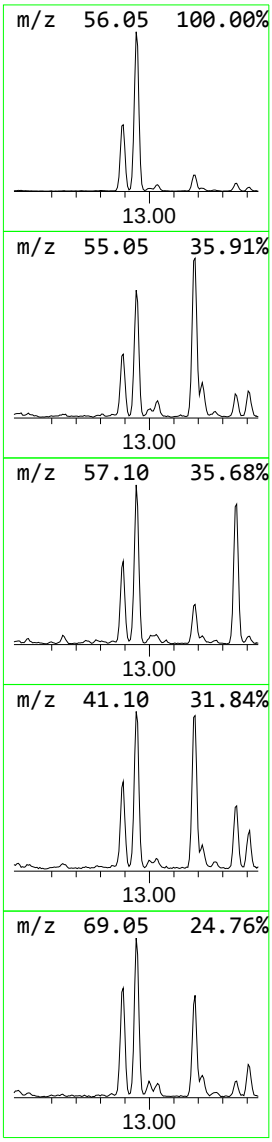
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.945	2.71 ng/ul	1306160	Acenaphthene-d10	14.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 5-methyl-6-methylene-	168	C12H24	075029-95-7	78
2	1-Decene, 2-methyl-	154	C11H22	013151-27-4	64
3	1-Pentene, 2,4-dimethyl-	98	C7H14	002213-32-3	64
4	4-Ethyl-4-methyl-5-methylene-[1,...	142	C7H10O3	080956-52-1	64
5	4-Decene, 2-methyl-, (Z)-	154	C11H22	055499-07-5	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
Data File : BP013536.D
Acq On : 18 Jan 2023 23:21
Operator : CG/JU
Sample : 01146-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4462

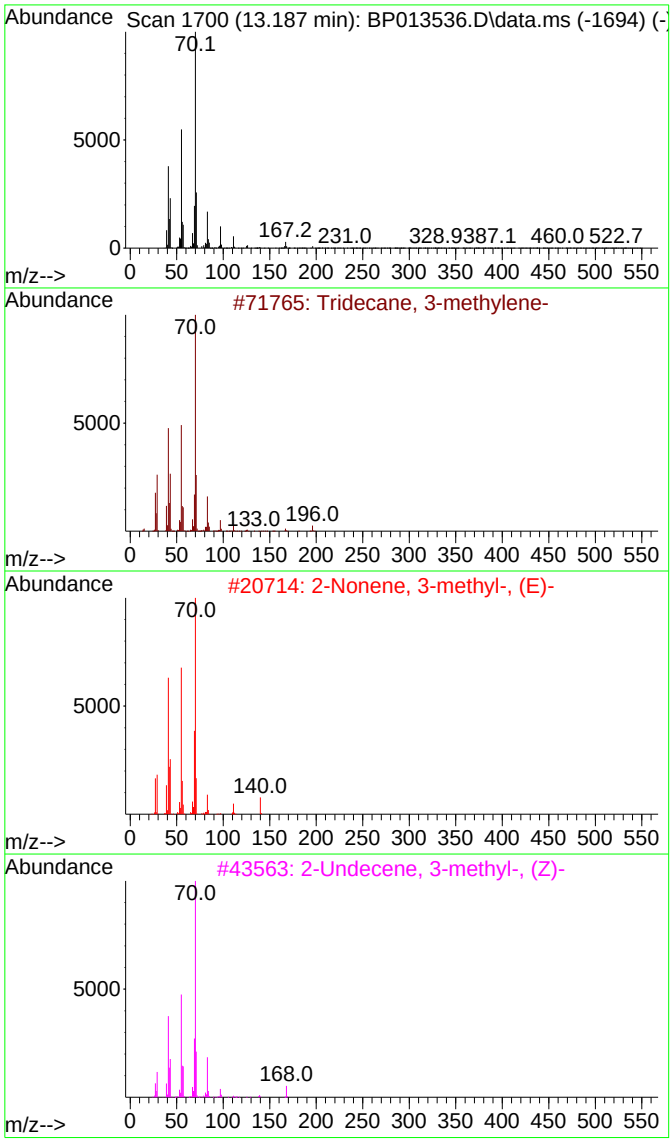
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

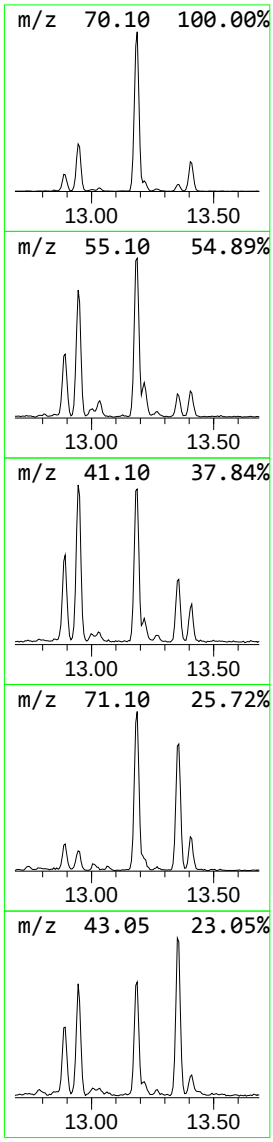
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.187	2.42 ng/ul	1166580	Acenaphthene-d10	14.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 3-methylene-	196	C14H28	019780-34-8	91
2	2-Nonene, 3-methyl-, (E)-	140	C10H20	017003-99-5	72
3	2-Undecene, 3-methyl-, (Z)-	168	C12H24	057024-90-5	72
4	2-Decene, 3-methyl-, (Z)-	154	C11H22	074630-26-5	72
5	Nonane, 3-methylene-	140	C10H20	051655-64-2	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
Data File : BP013536.D
Acq On : 18 Jan 2023 23:21
Operator : CG/JU
Sample : 01146-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4462

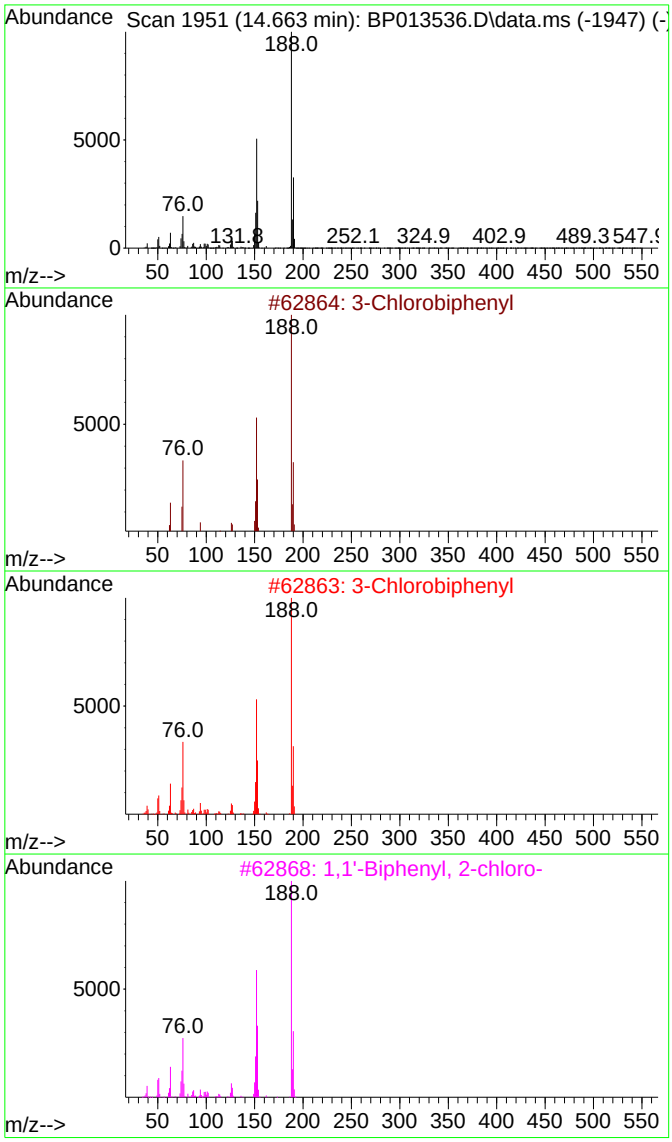
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

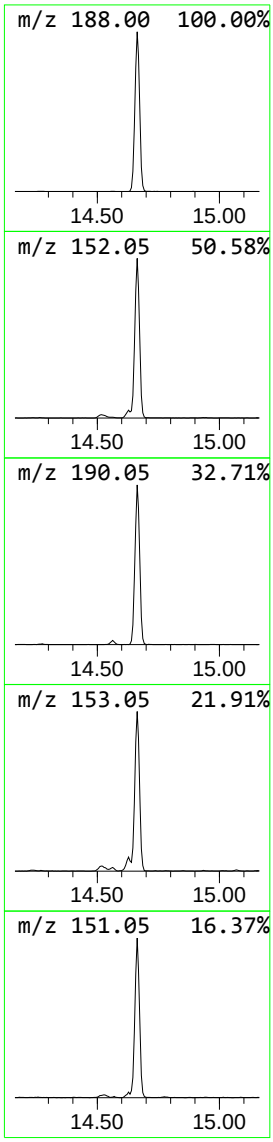
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 3-Chlorobiphenyl Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.663	9.19 ng/ul	4428670	Acenaphthene-d10	14.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chlorobiphenyl	188	C12H9Cl	002051-61-8	97
2	3-Chlorobiphenyl	188	C12H9Cl	002051-61-8	97
3	1,1'-Biphenyl, 2-chloro-	188	C12H9Cl	002051-60-7	97
4	1,1'-Biphenyl, 4-chloro-	188	C12H9Cl	002051-62-9	97
5	1,1'-Biphenyl, 4-chloro-	188	C12H9Cl	002051-62-9	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
Data File : BP013536.D
Acq On : 18 Jan 2023 23:21
Operator : CG/JU
Sample : 01146-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4462

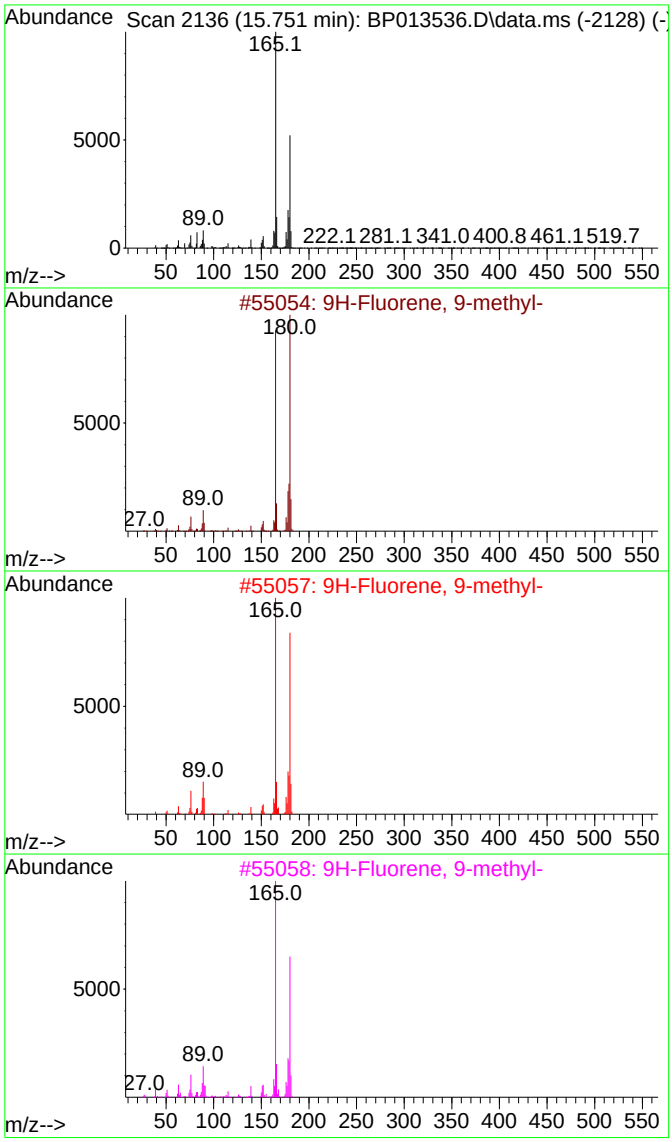
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

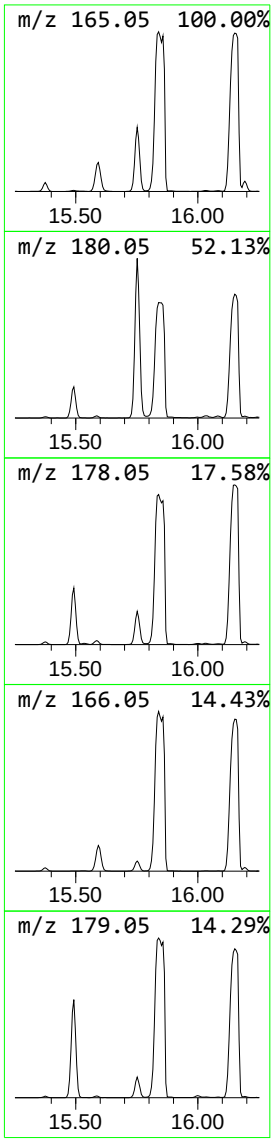
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 9H-Fluorene, 9-methyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.751	15.28 ng/ul	7362770	Acenaphthene-d10	14.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	93
2	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	93
3	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	87
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	83
5	Benzenethiol, 4-(1,1-dimethyleth...	180	C11H16S	015570-10-2	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
Data File : BP013536.D
Acq On : 18 Jan 2023 23:21
Operator : CG/JU
Sample : 01146-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4462

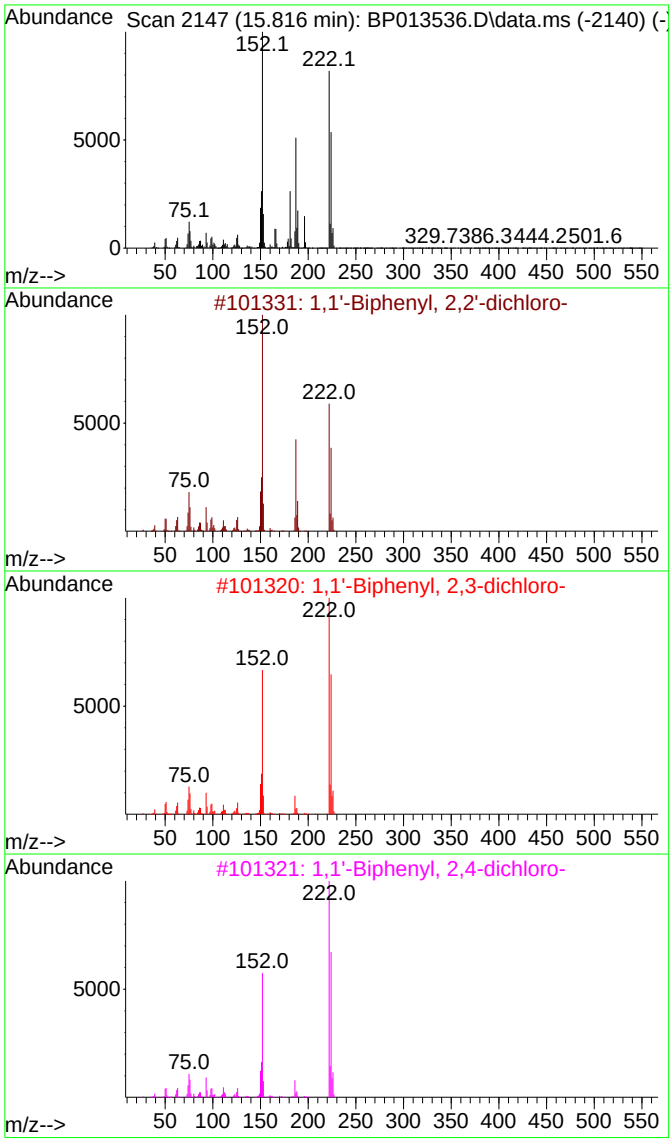
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

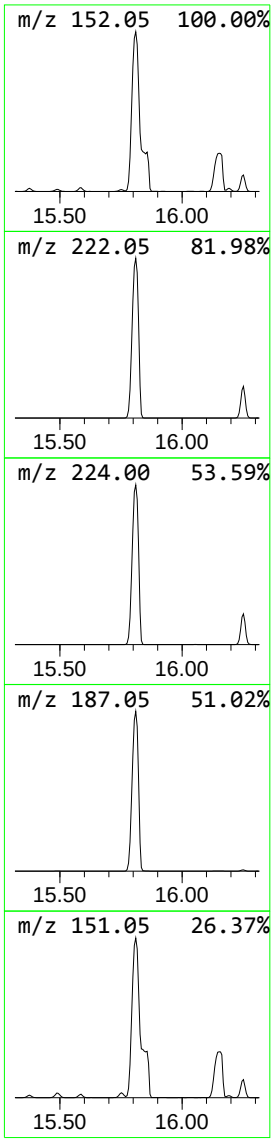
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1,1'-Biphenyl, 2,2'-dichloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.816	213.22 ng/ul	102756000	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, 2,3-dichloro-	222	C12H8Cl2	016605-91-7	95
3	1,1'-Biphenyl, 2,4-dichloro-	222	C12H8Cl2	033284-50-3	95
4	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	94
5	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	94





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Data File : BP013536.D
Acq On : 18 Jan 2023 23:21
Operator : CG/JU
Sample : 01146-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4462

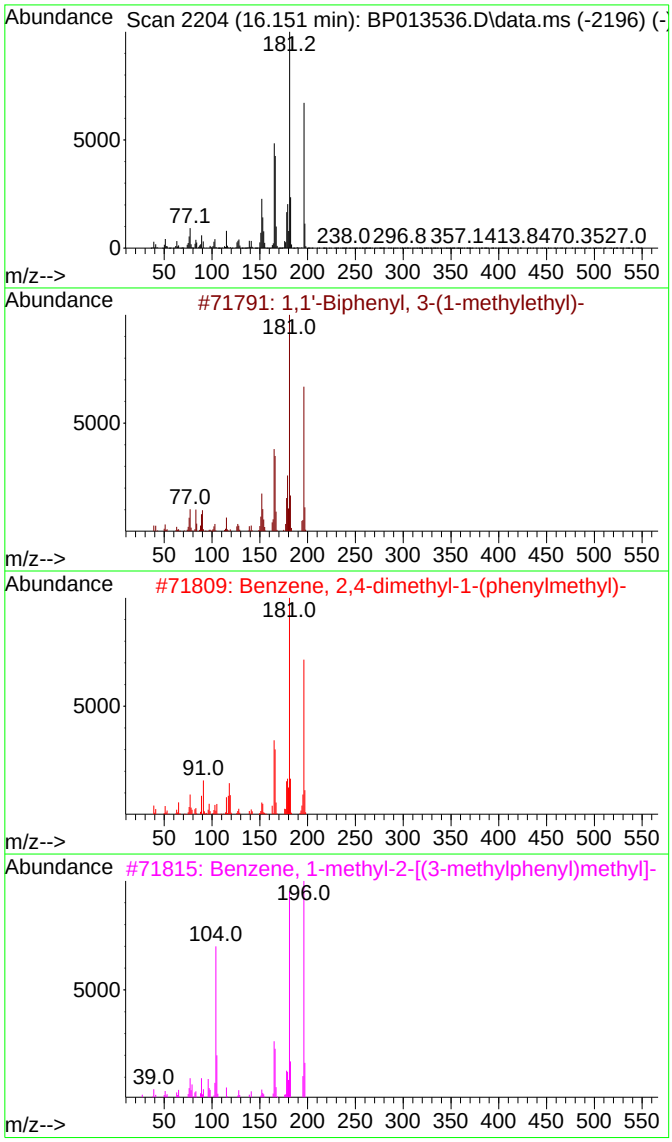
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

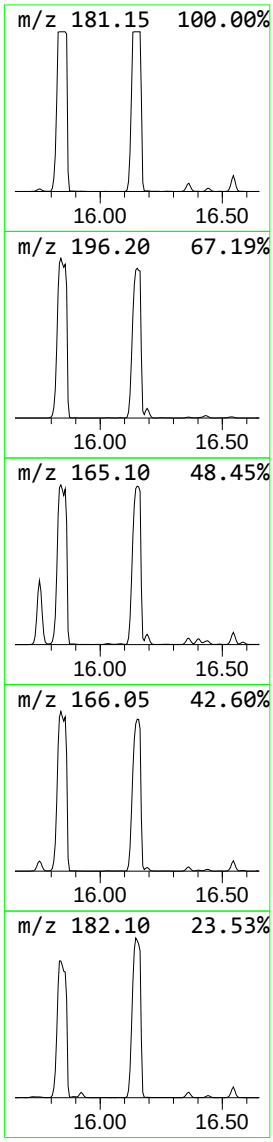
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 1,1'-Biphenyl, 3-(1-methyle... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.151	58.41 ng/ul	88079700	Phenanthrene-d10	17.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3-(1-methylethyl)-	196	C15H16	020282-30-8	93
2	Benzene, 2,4-dimethyl-1-(phenylm...	196	C15H16	028122-28-3	91
3	Benzene, 1-methyl-2-[(3-methylph...	196	C15H16	021895-13-6	91
4	1,1'-Biphenyl, 4-(1-methylethyl)-	196	C15H16	007116-95-2	90
5	Benzene, 3,5-dimethyl-1-(phenylm...	196	C15H16	028122-27-2	87





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Acq On : 18 Jan 2023 23:21
Operator : CG/JU
Sample : 01146-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4462

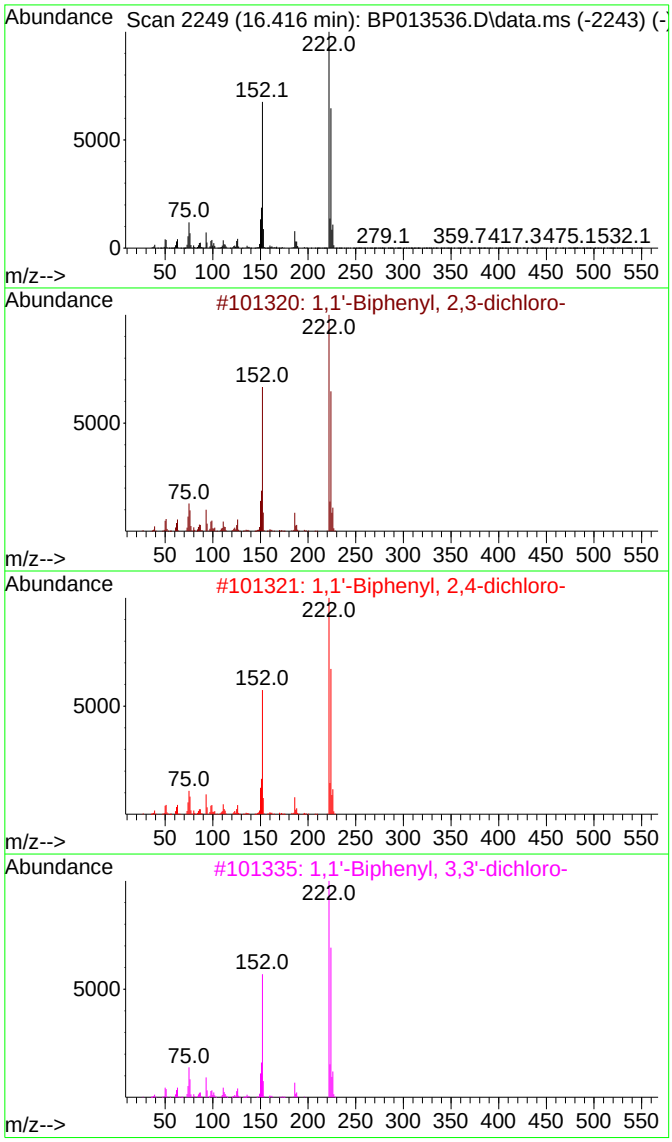
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

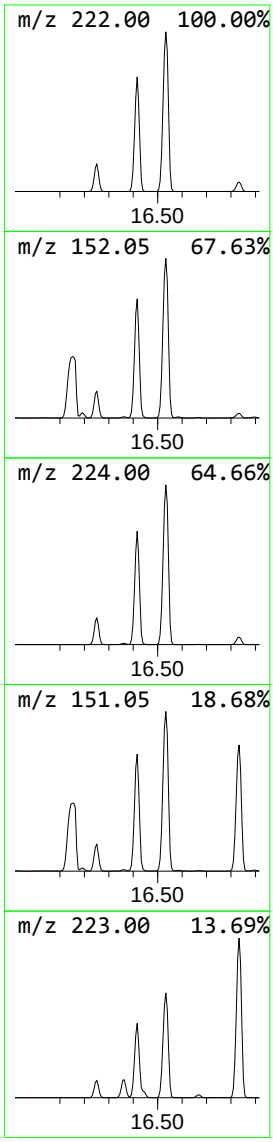
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 1,1'-Biphenyl, 2,3-dichloro- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.416	23.23 ng/ul	35026100	Phenanthrene-d10	17.322

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, 2,4-dichloro-	222	C12H8Cl2	033284-50-3	99
3	1,1'-Biphenyl, 3,3'-dichloro-	222	C12H8Cl2	002050-67-1	98
4	1,1'-Biphenyl, 2,5-dichloro-	222	C12H8Cl2	034883-39-1	98
5	1,1'-Biphenyl, 2,4'-dichloro-	222	C12H8Cl2	034883-43-7	98





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Data File : BP013536.D
Acq On : 18 Jan 2023 23:21
Operator : CG/JU
Sample : 01146-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4462

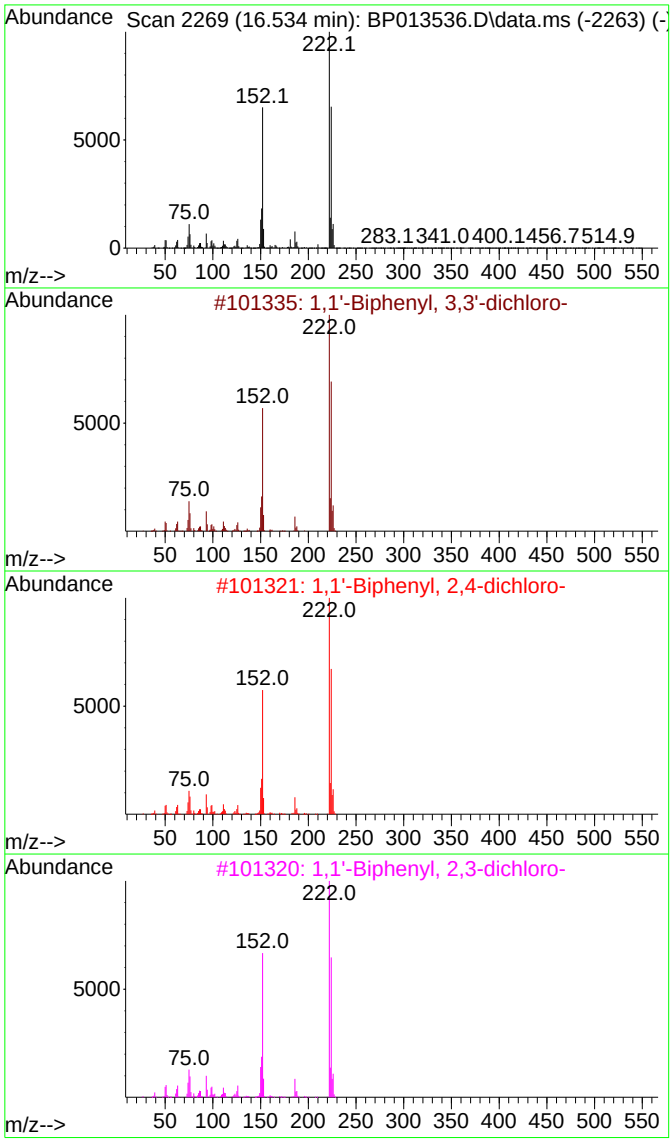
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

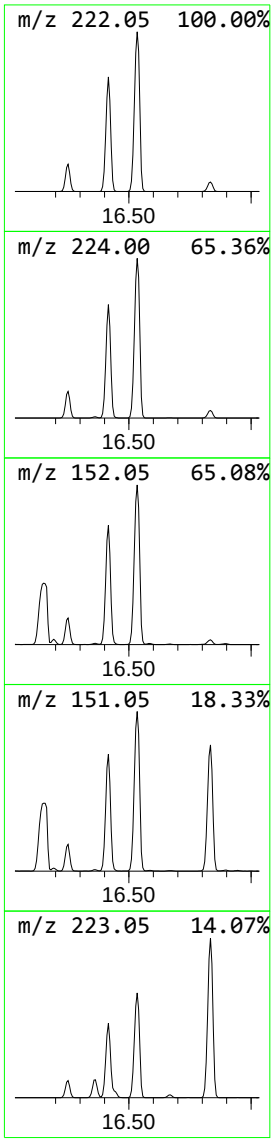
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 1,1'-Biphenyl, 3,3'-dichloro- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.534	35.54 ng/ul	53598800	Phenanthrene-d10	17.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3,3'-dichloro-	222	C12H8Cl2	002050-67-1	98
2	1,1'-Biphenyl, 2,4-dichloro-	222	C12H8Cl2	033284-50-3	98
3	1,1'-Biphenyl, 2,3-dichloro-	222	C12H8Cl2	016605-91-7	98
4	1,1'-Biphenyl, 4,4'-dichloro-	222	C12H8Cl2	002050-68-2	97
5	1,1'-Biphenyl, 2,4-dichloro-	222	C12H8Cl2	033284-50-3	97





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Data File : BP013536.D
Acq On : 18 Jan 2023 23:21
Operator : CG/JU
Sample : 01146-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4462

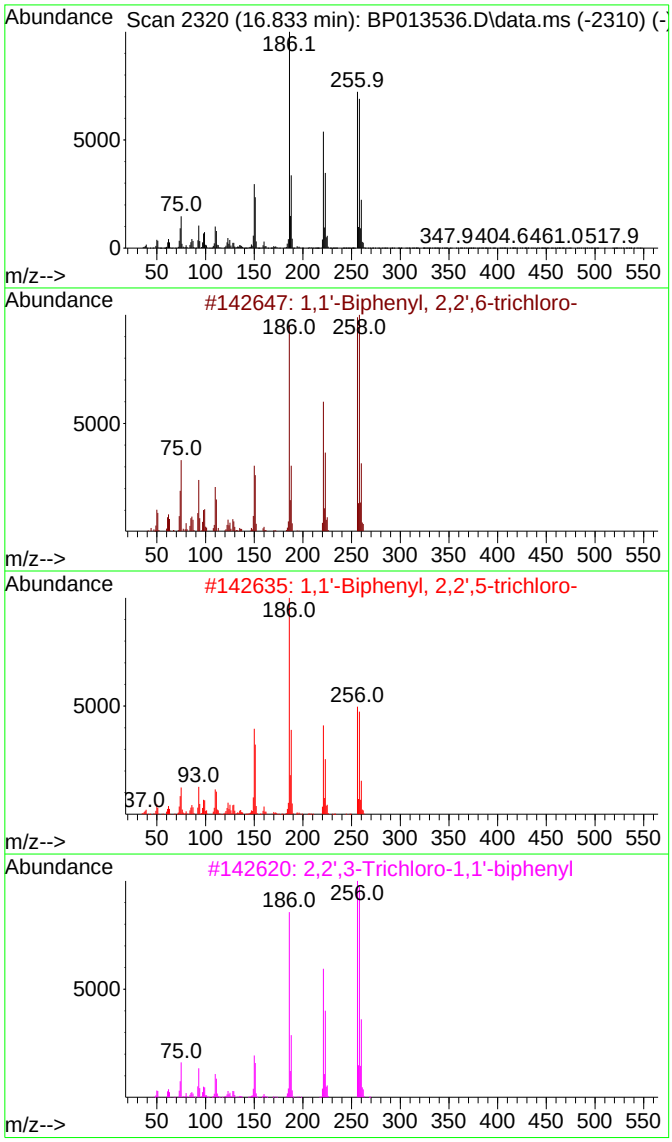
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

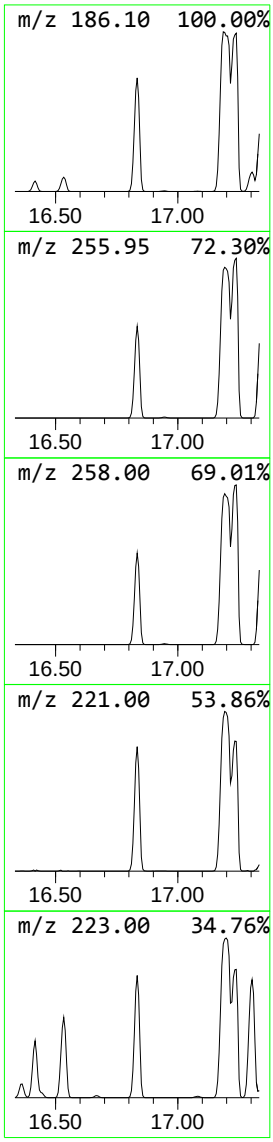
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 1,1'-Biphenyl, 2,2',6-trich... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.834	32.35 ng/ul	48780800	Phenanthrene-d10	17.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',6-trichloro-	256	C12H7Cl3	038444-73-4	99
2	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	99
3	2,2',3-Trichloro-1,1'-biphenyl	256	C12H7Cl3	038444-78-9	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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Acq On : 18 Jan 2023 23:21
Operator : CG/JU
Sample : 01146-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4462

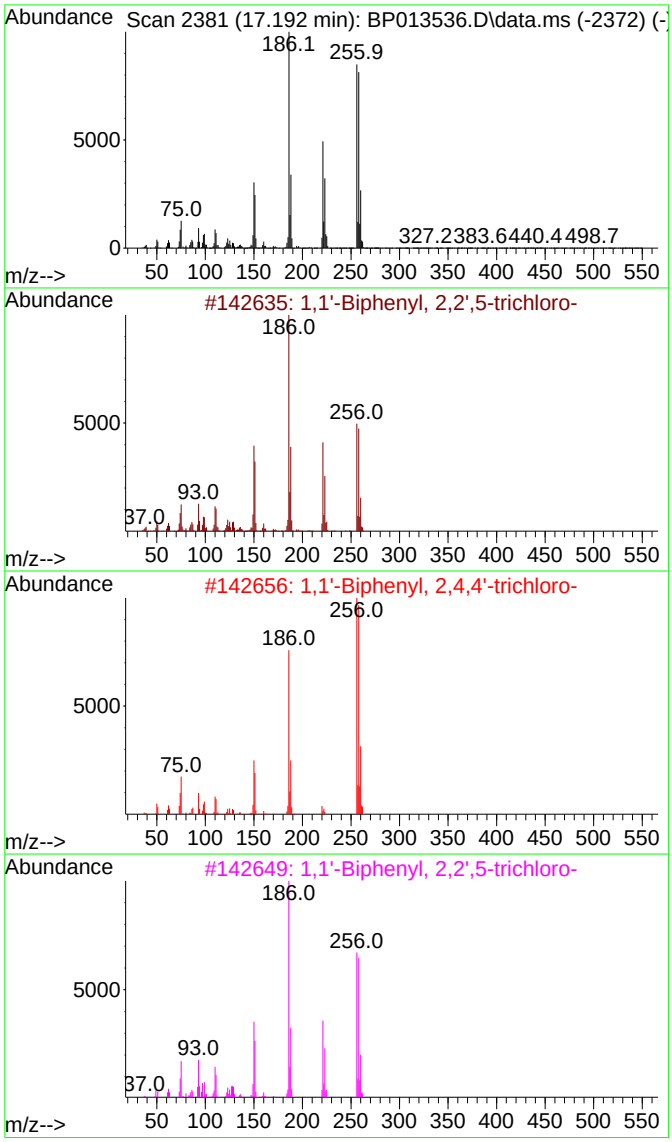
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

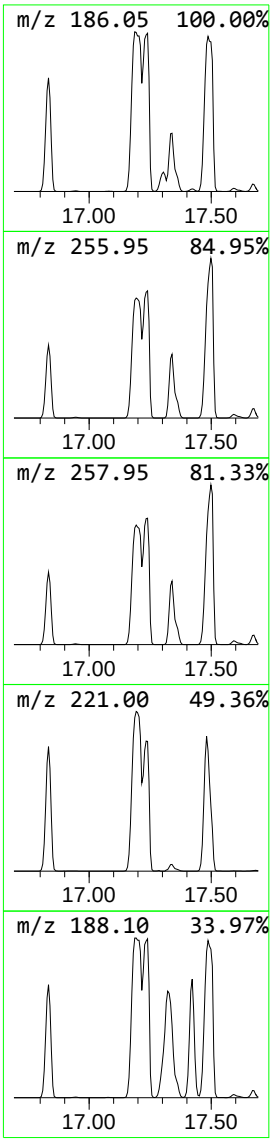
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.192	85.85 ng/ul	129474000	Phenanthrene-d10	17.322

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, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	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 : BP013536.D
Acq On : 18 Jan 2023 23:21
Operator : CG/JU
Sample : 01146-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4462

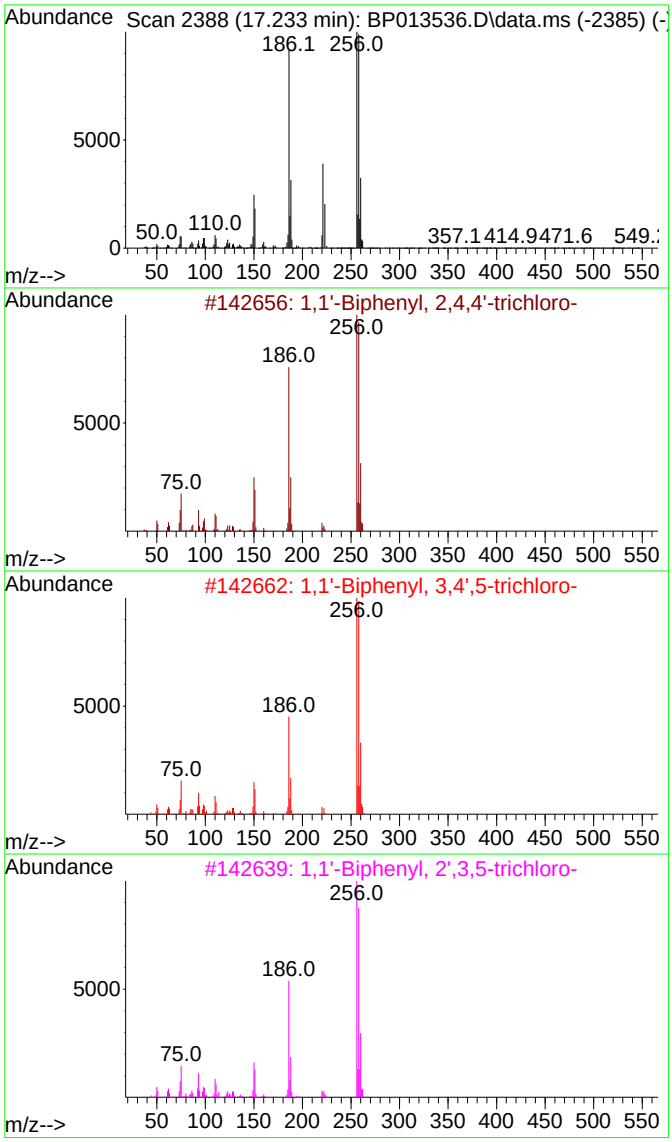
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

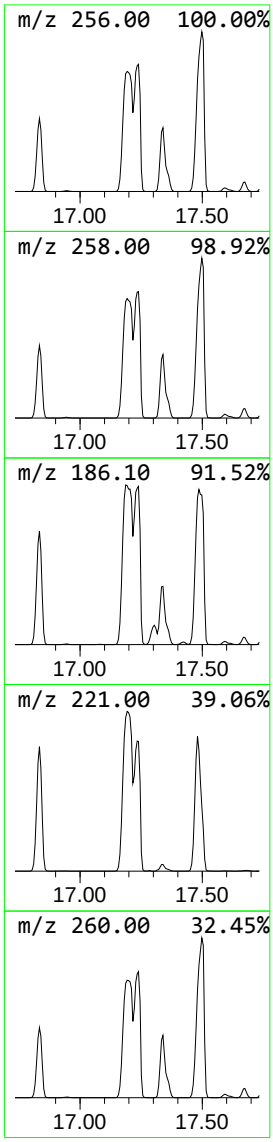
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 1,1'-Biphenyl, 2,4,4'-trich... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.233	52.12 ng/ul	78596900	Phenanthrene-d10	17.322

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, 3,4',5-trichloro-	256	C12H7Cl3	038444-88-1	99
3	1,1'-Biphenyl, 2',3,5-trichloro-	256	C12H7Cl3	037680-68-5	99
4	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	98
5	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	98





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Acq On : 18 Jan 2023 23:21
Operator : CG/JU
Sample : 01146-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4462

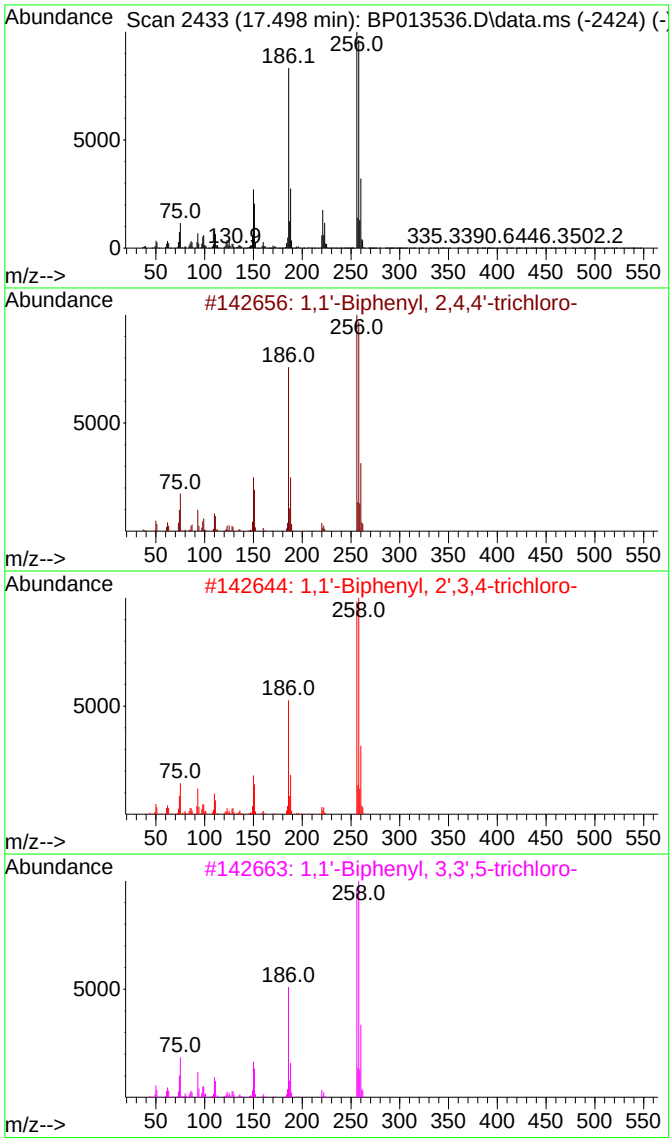
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

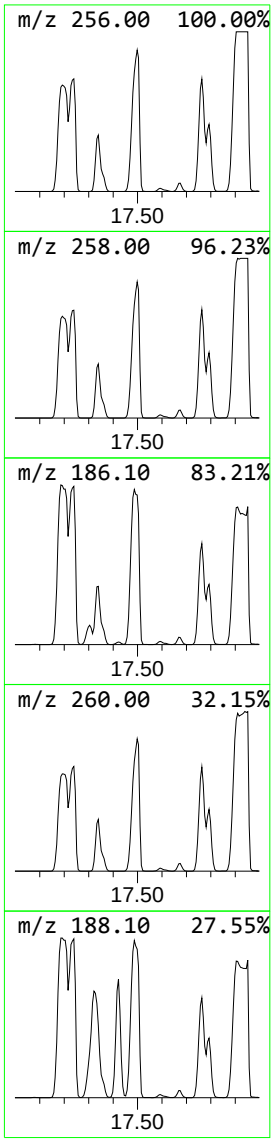
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.498	71.93 ng/ul	108480000	Phenanthrene-d10	17.322

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, 3,3',5-trichloro-	256	C12H7Cl3	038444-87-0	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	99





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Data File : BP013536.D
Acq On : 18 Jan 2023 23:21
Operator : CG/JU
Sample : 01146-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4462

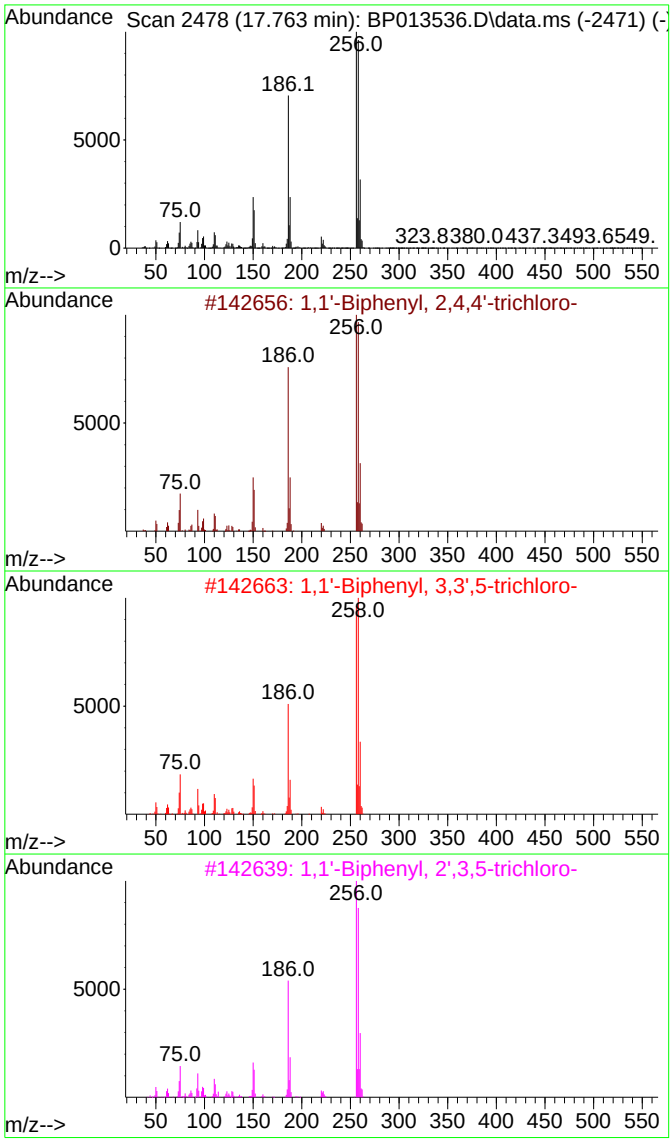
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

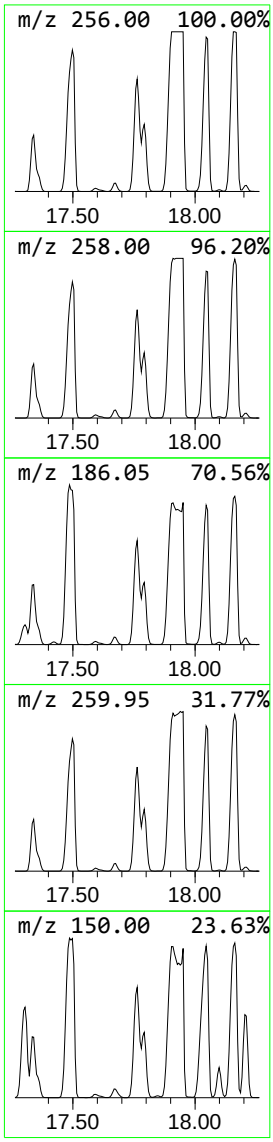
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 1,1'-Biphenyl, 3,3',5-trich... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.763	38.80 ng/ul	58517300	Phenanthrene-d10	17.322

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	037680-68-5	99
4	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	99
5	1,1'-Biphenyl, 3,4',5-trichloro-	256	C12H7Cl3	038444-88-1	99





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Data File : BP013536.D
Acq On : 18 Jan 2023 23:21
Operator : CG/JU
Sample : 01146-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4462

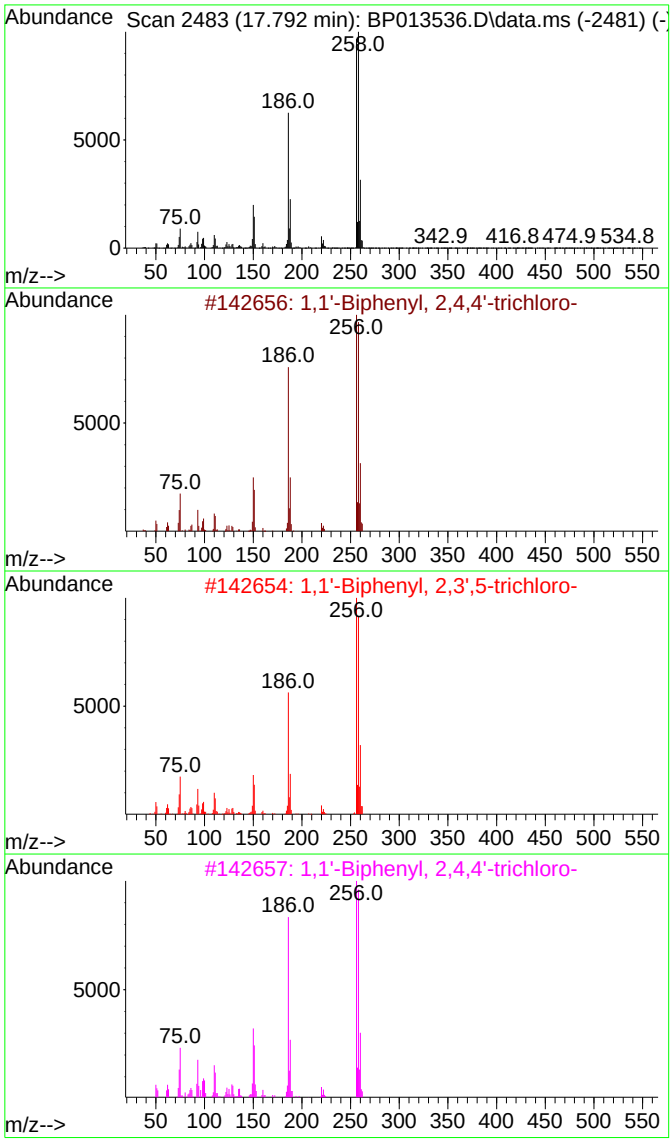
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

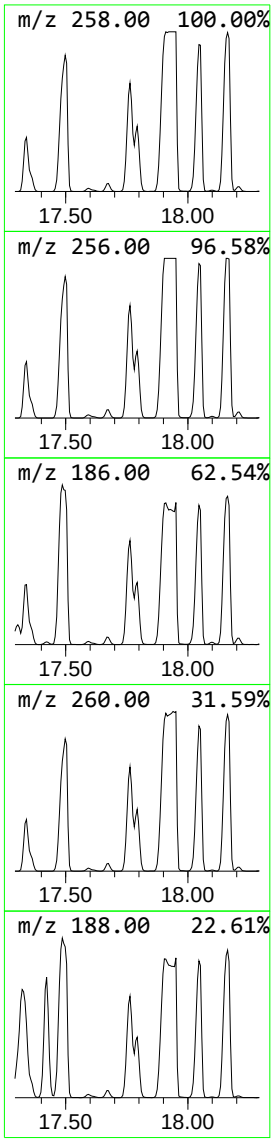
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 1,1'-Biphenyl, 2,3',5-trich... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.792	15.37 ng/ul	23184500	Phenanthrene-d10	17.322

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, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	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	037680-68-5	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
Data File : BP013536.D
Acq On : 18 Jan 2023 23:21
Operator : CG/JU
Sample : 01146-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

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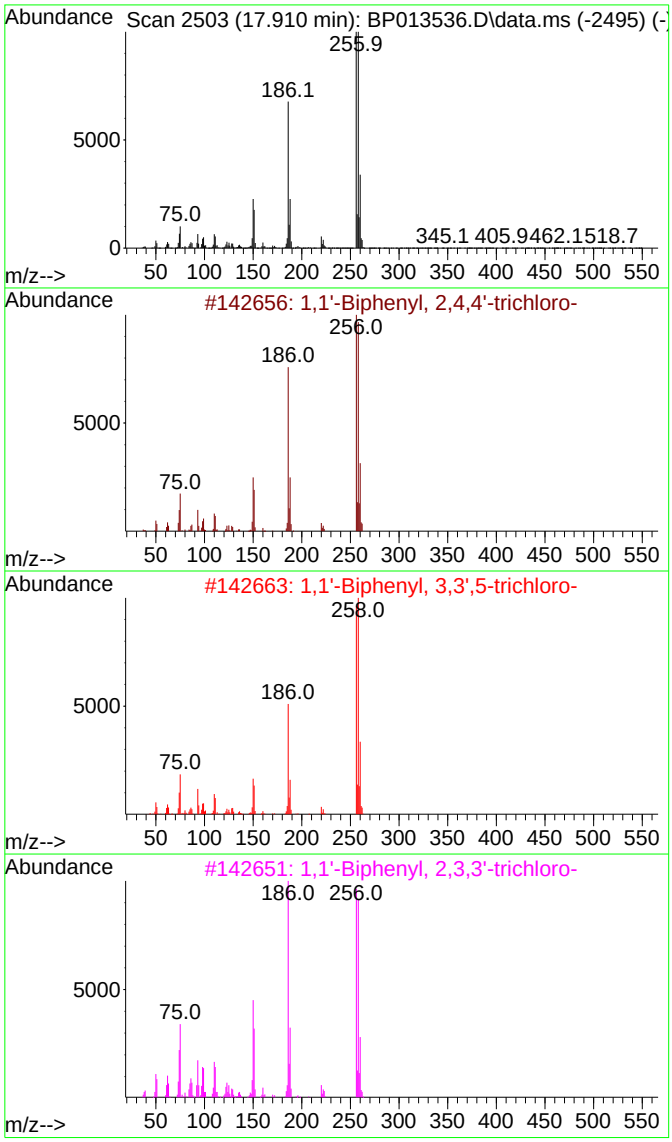
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

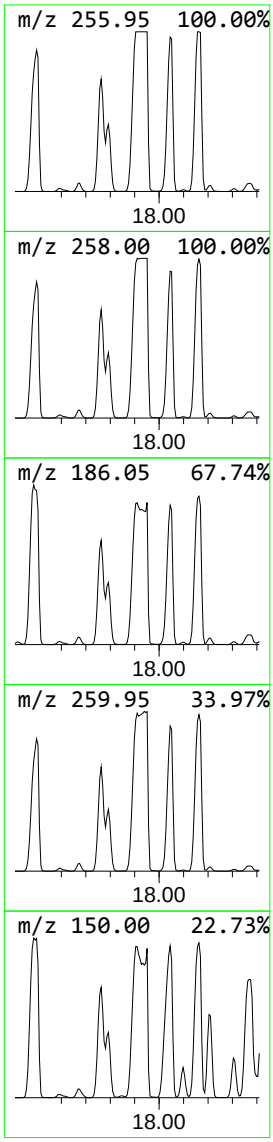
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.910	69.80 ng/ul	105264000	Phenanthrene-d10	17.322

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





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Data File : BP013536.D
Acq On : 18 Jan 2023 23:21
Operator : CG/JU
Sample : 01146-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

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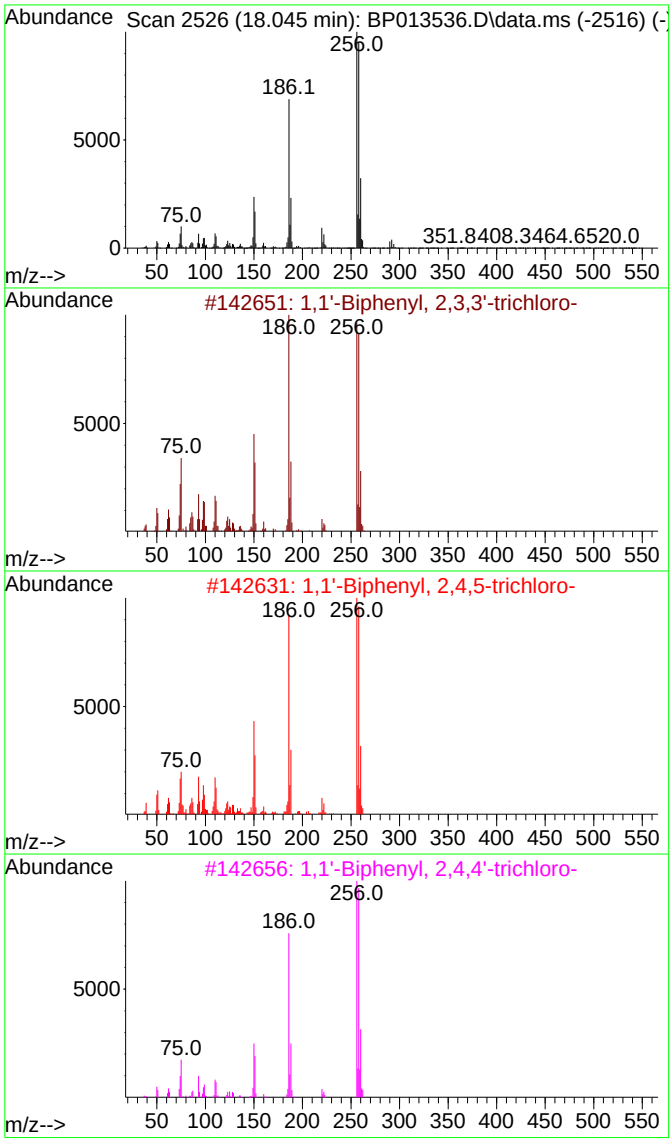
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

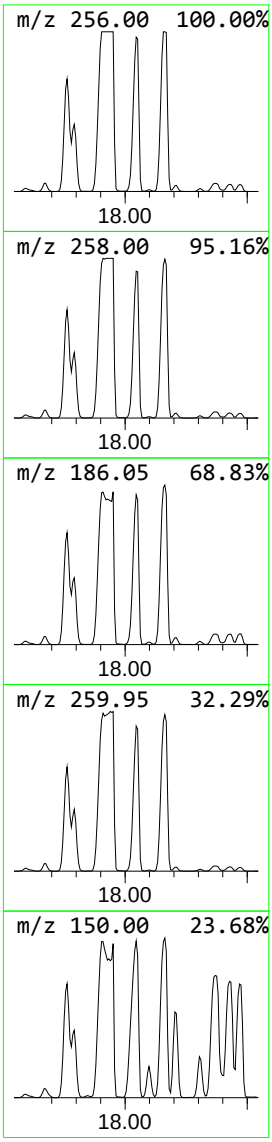
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.045	67.91 ng/ul	102409000	Phenanthrene-d10	17.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	99
2	1,1'-Biphenyl, 2,4,5-trichloro-	256	C12H7Cl3	015862-07-4	99
3	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	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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Data File : BP013536.D
Acq On : 18 Jan 2023 23:21
Operator : CG/JU
Sample : 01146-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4462

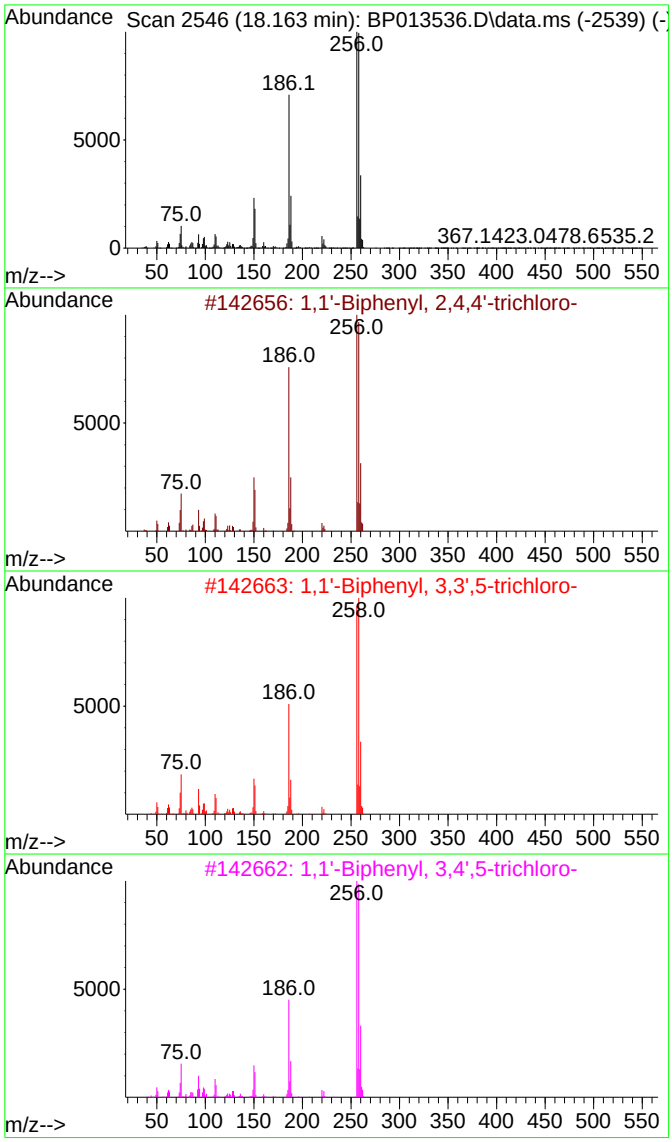
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

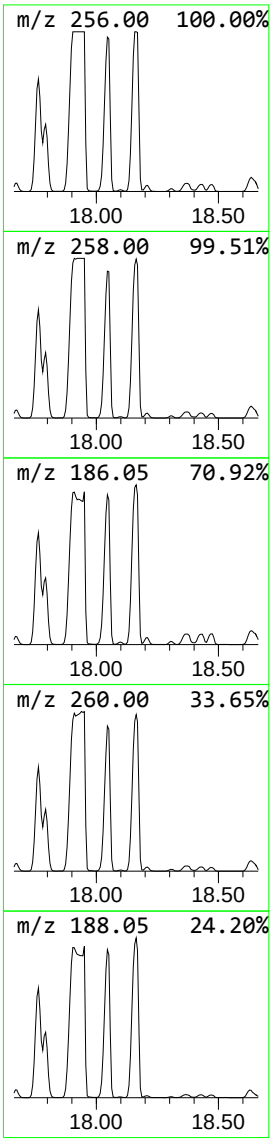
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 1,1'-Biphenyl, 3,4',5-trich... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.163	59.86 ng/ul	90266100	Phenanthrene-d10	17.322

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, 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





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Data File : BP013536.D
Acq On : 18 Jan 2023 23:21
Operator : CG/JU
Sample : 01146-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4462

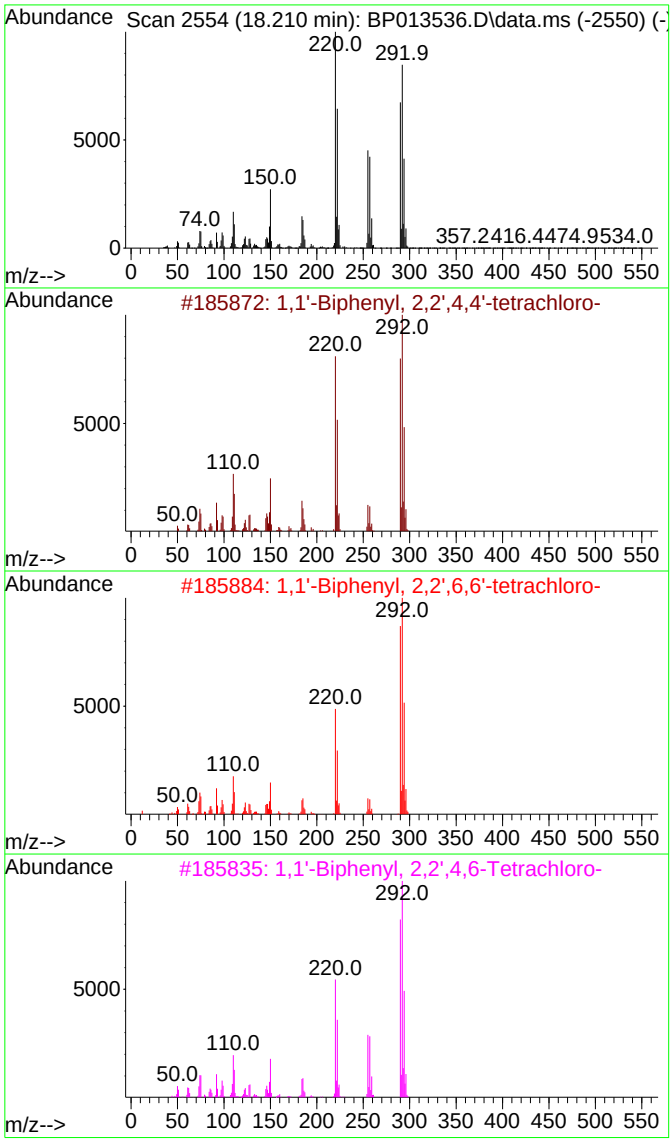
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

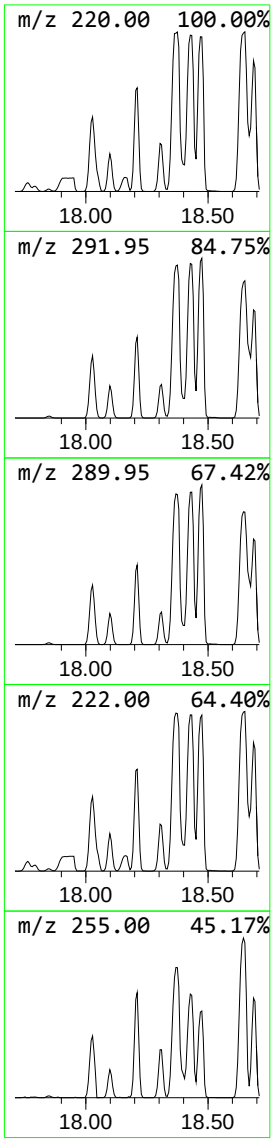
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 1,1'-Biphenyl, 2,2',4,4'-te... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.210	27.14 ng/ul	40933000	Phenanthrene-d10	17.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
2	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
3	1,1'-Biphenyl, 2,2',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	99
4	1,1'-Biphenyl, 2,2',3,4'-tetrach...	290	C12H6Cl4	036559-22-5	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 23:21
Operator : CG/JU
Sample : 01146-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4462

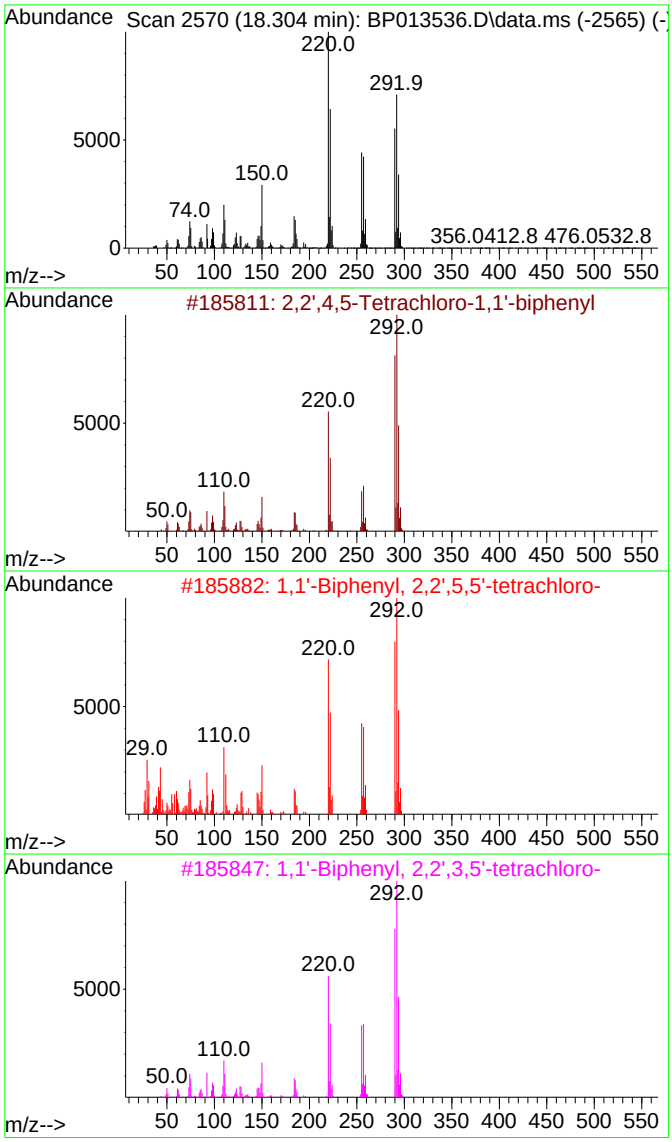
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

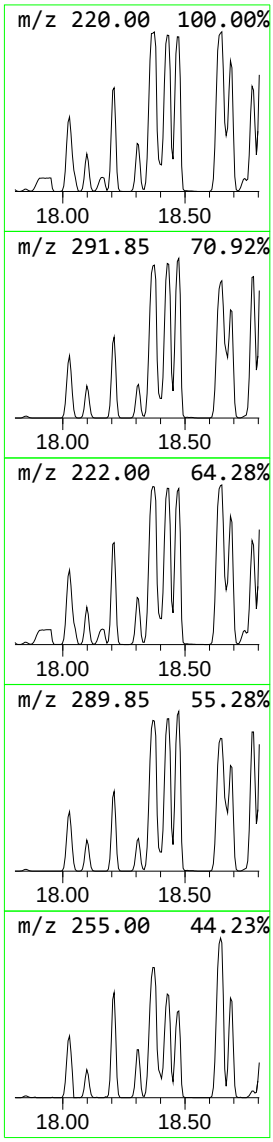
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 2,2',4,5-Tetrachloro-1,1'-b... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.304	12.79 ng/ul	19291000	Phenanthrene-d10	17.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99
2	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	99
3	1,1'-Biphenyl, 2,2',3,5'-tetrach...	290	C12H6Cl4	041464-39-5	99
4	1,1'-Biphenyl, 2,2',3,6'-tetrach...	290	C12H6Cl4	041464-47-5	99
5	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99





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Data File : BP013536.D
Acq On : 18 Jan 2023 23:21
Operator : CG/JU
Sample : 01146-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4462

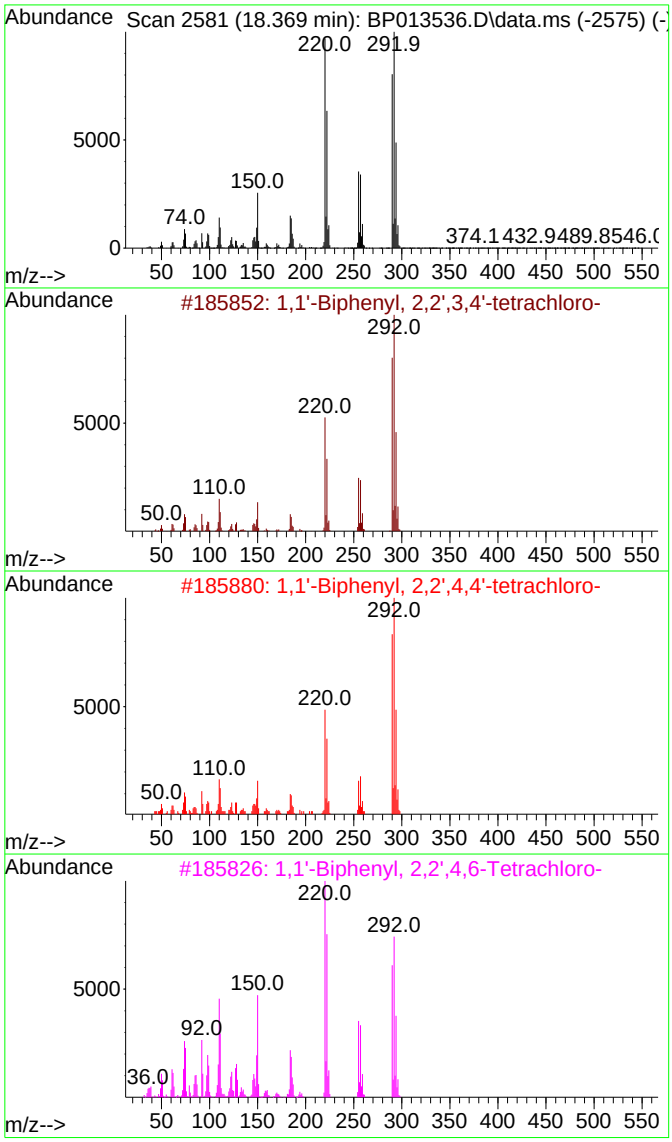
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

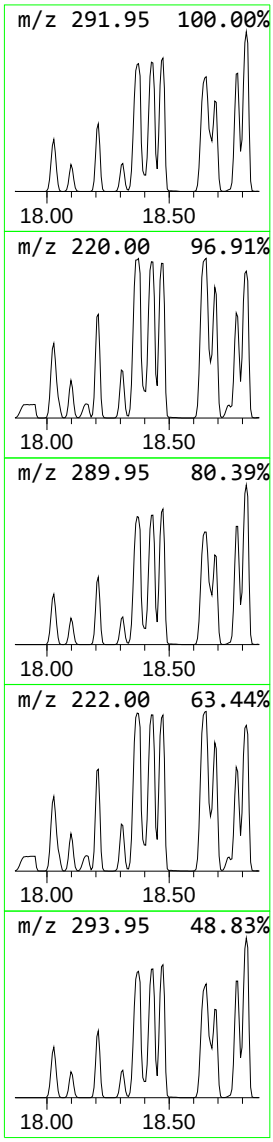
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 1,1'-Biphenyl, 2,2',3,4'-te... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.369	69.96 ng/ul	105510000	Phenanthrene-d10	17.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4'-tetrach...	290	C12H6Cl4	036559-22-5	99
2	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
3	1,1'-Biphenyl, 2,2',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	99
4	1,1'-Biphenyl, 2,2',3,5'-tetrach...	290	C12H6Cl4	041464-39-5	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 23:21
Operator : CG/JU
Sample : 01146-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4462

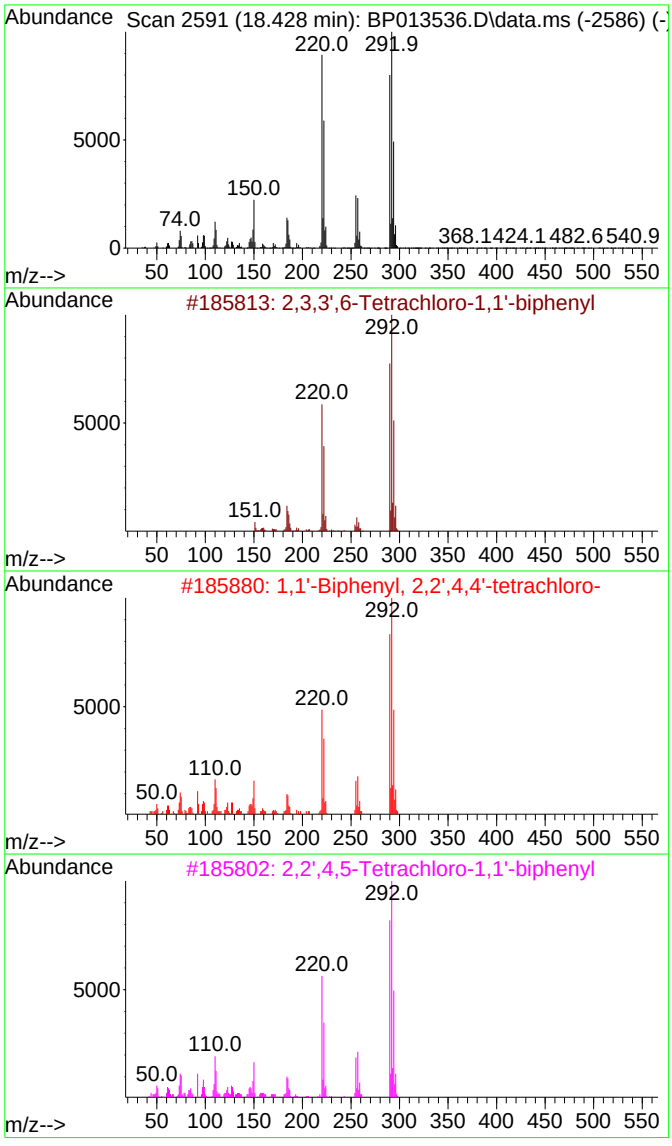
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

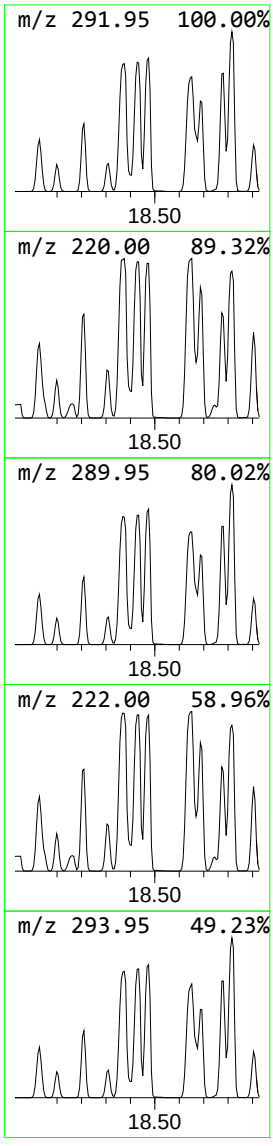
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 2,3,3',6-Tetrachloro-1,1'-b... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.427	58.99 ng/ul	88964800	Phenanthrene-d10	17.322

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, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
3	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99
4	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
5	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99





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Data File : BP013536.D
Acq On : 18 Jan 2023 23:21
Operator : CG/JU
Sample : 01146-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4462

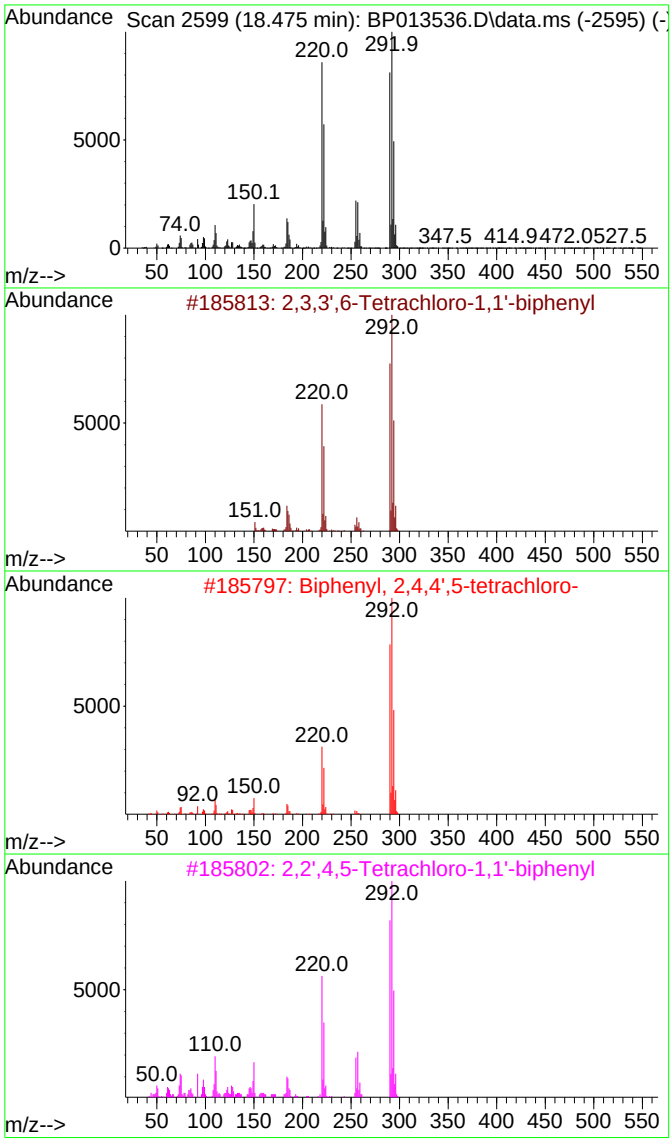
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

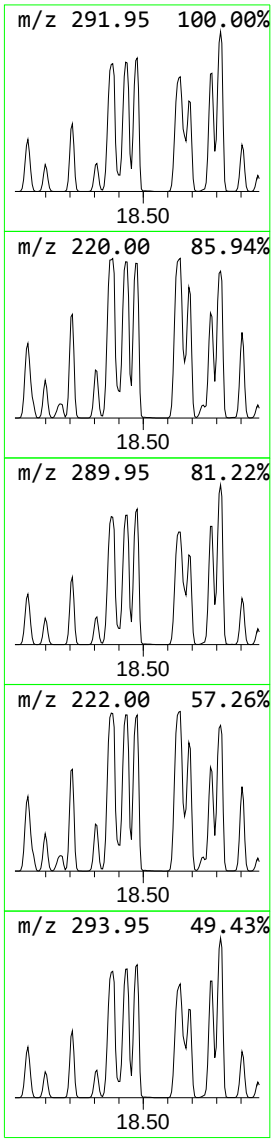
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 Biphenyl, 2,4,4',5-tetrachl... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.475	47.03 ng/ul	70920600	Phenanthrene-d10	17.322

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	Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	99
3	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99
4	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
5	2,3,4',5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-34-7	99





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Data File : BP013536.D
Acq On : 18 Jan 2023 23:21
Operator : CG/JU
Sample : 01146-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4462

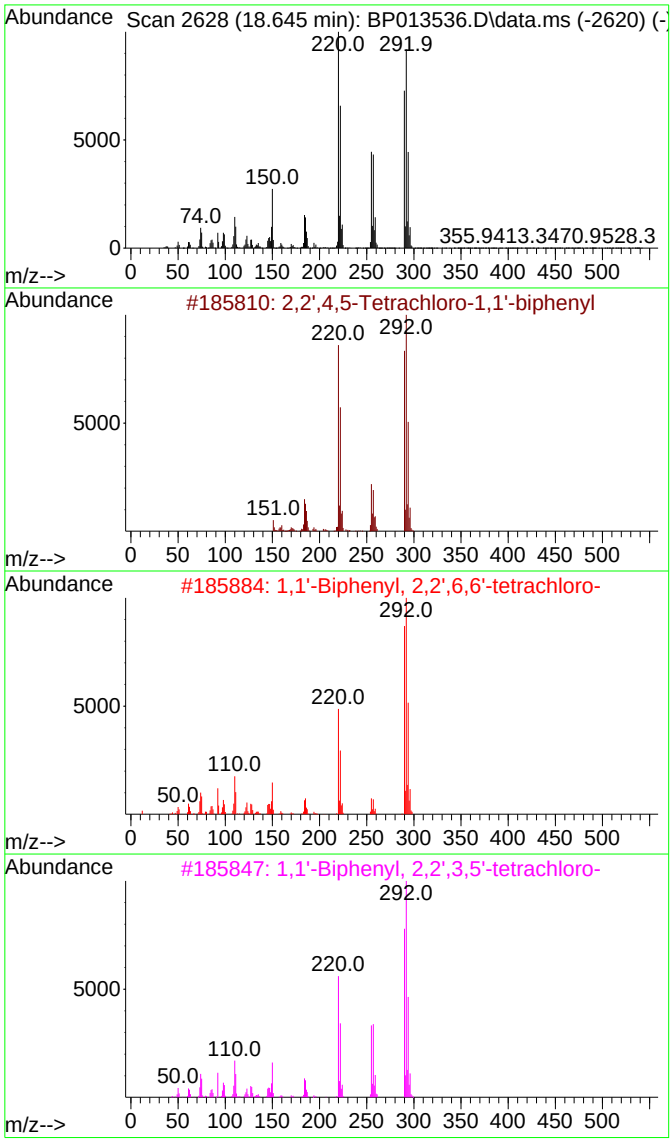
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

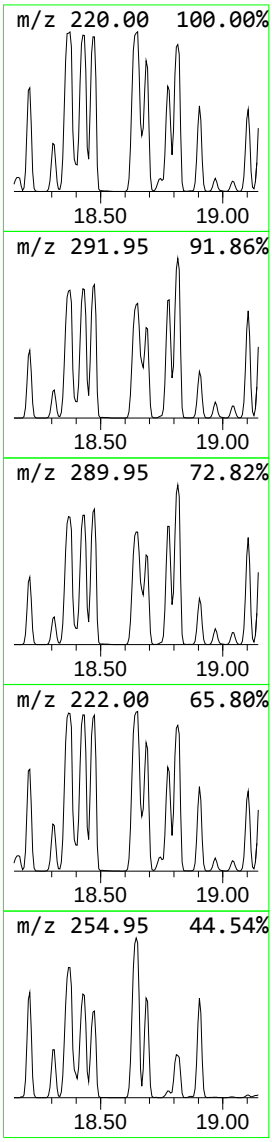
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 1,1'-Biphenyl, 2,2',6,6'-te... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.645	74.09 ng/ul	111726000	Phenanthrene-d10	17.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99
2	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
3	1,1'-Biphenyl, 2,2',3,5'-tetrach...	290	C12H6Cl4	041464-39-5	99
4	1,1'-Biphenyl, 2,2',3,4'-tetrach...	290	C12H6Cl4	036559-22-5	99
5	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99





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Data File : BP013536.D
Acq On : 18 Jan 2023 23:21
Operator : CG/JU
Sample : 01146-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4462

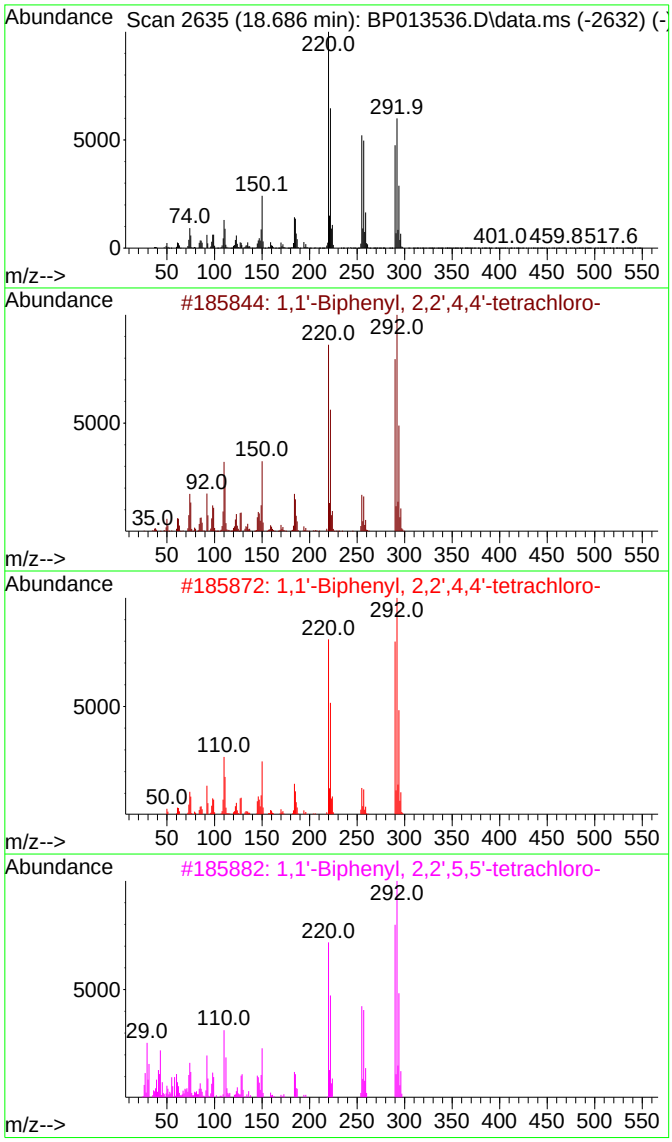
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

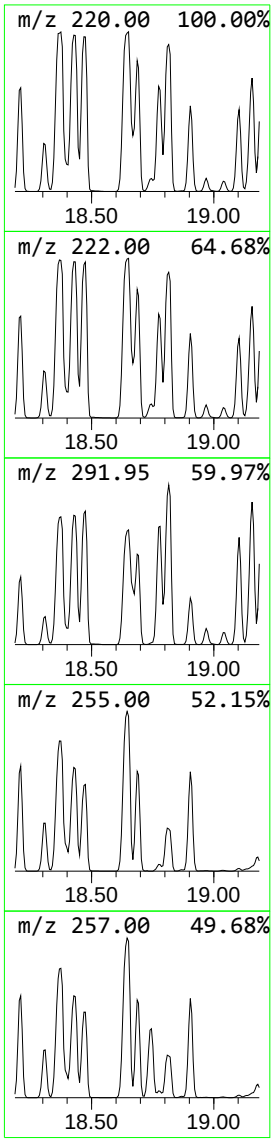
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 1,1'-Biphenyl, 2,2',5,5'-te... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.686	34.89 ng/ul	52623600	Phenanthrene-d10	17.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
2	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
3	1,1'-Biphenyl, 2,2',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',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	99





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Data File : BP013536.D
Acq On : 18 Jan 2023 23:21
Operator : CG/JU
Sample : 01146-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4462

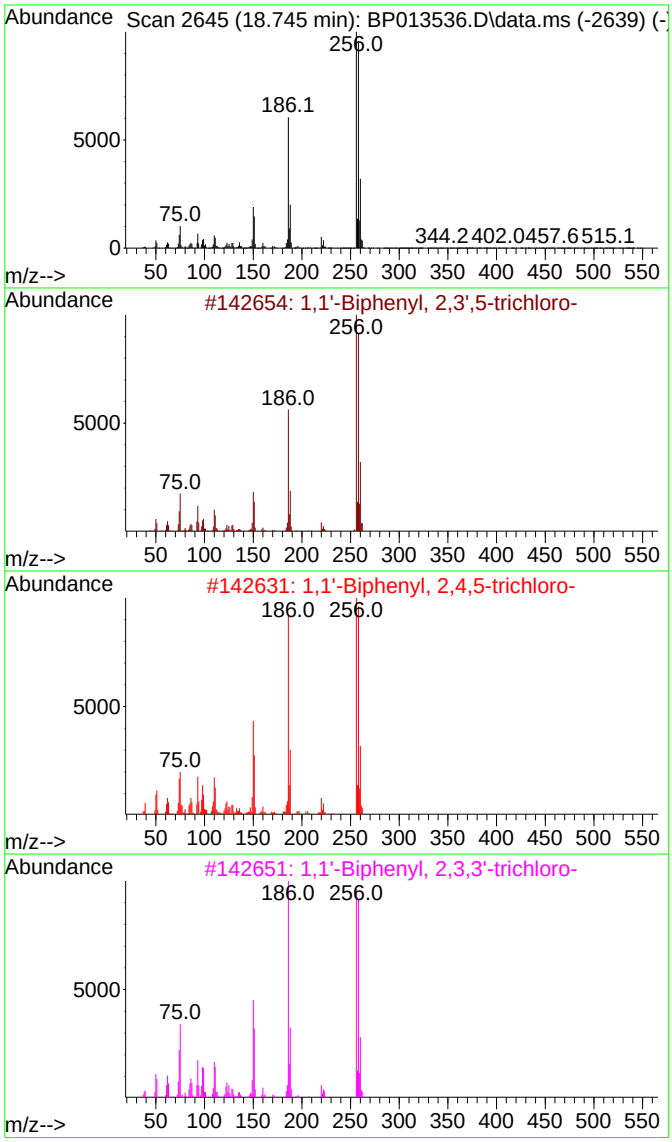
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

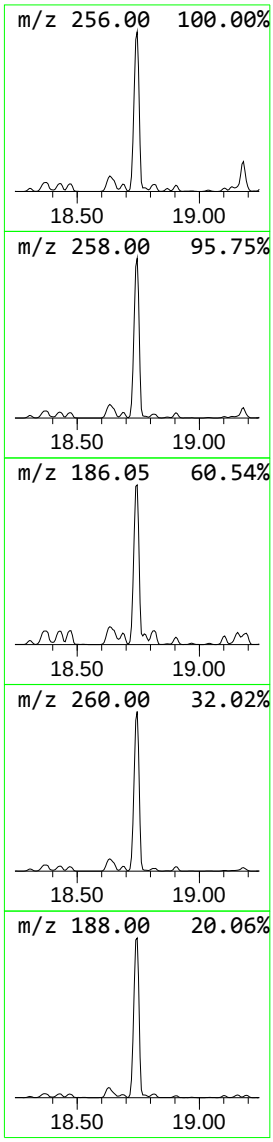
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 1,1'-Biphenyl, 2,4,5-trichl... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.745	44.96 ng/ul	67802100	Phenanthrene-d10	17.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	99
2	1,1'-Biphenyl, 2,4,5-trichloro-	256	C12H7Cl3	015862-07-4	99
3	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	99
4	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	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 : BP013536.D
Acq On : 18 Jan 2023 23:21
Operator : CG/JU
Sample : 01146-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4462

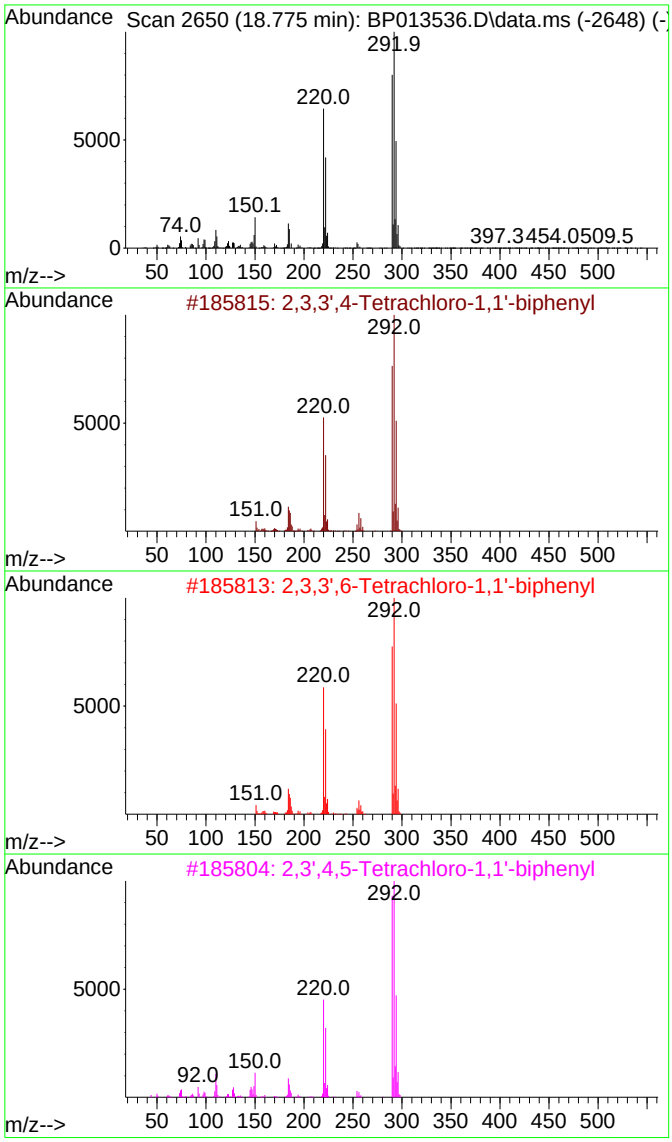
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

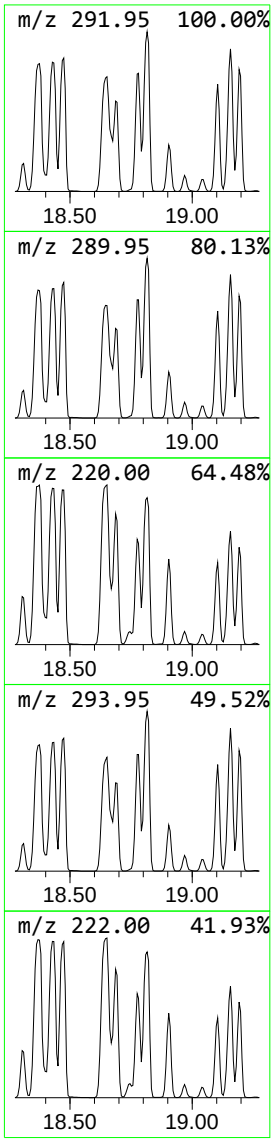
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 2,3,3',4-Tetrachloro-1,1'-b... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.775	30.48 ng/ul	45968600	Phenanthrene-d10	17.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',4-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074338-24-2	99
2	2,3,3',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-33-6	99
3	2,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	073575-53-8	99
4	2,3',4',5'-Tetrachloro-1,1'-biph...	290	C12H6Cl4	070362-48-0	99
5	3,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-49-1	99





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Data File : BP013536.D
Acq On : 18 Jan 2023 23:21
Operator : CG/JU
Sample : 01146-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4462

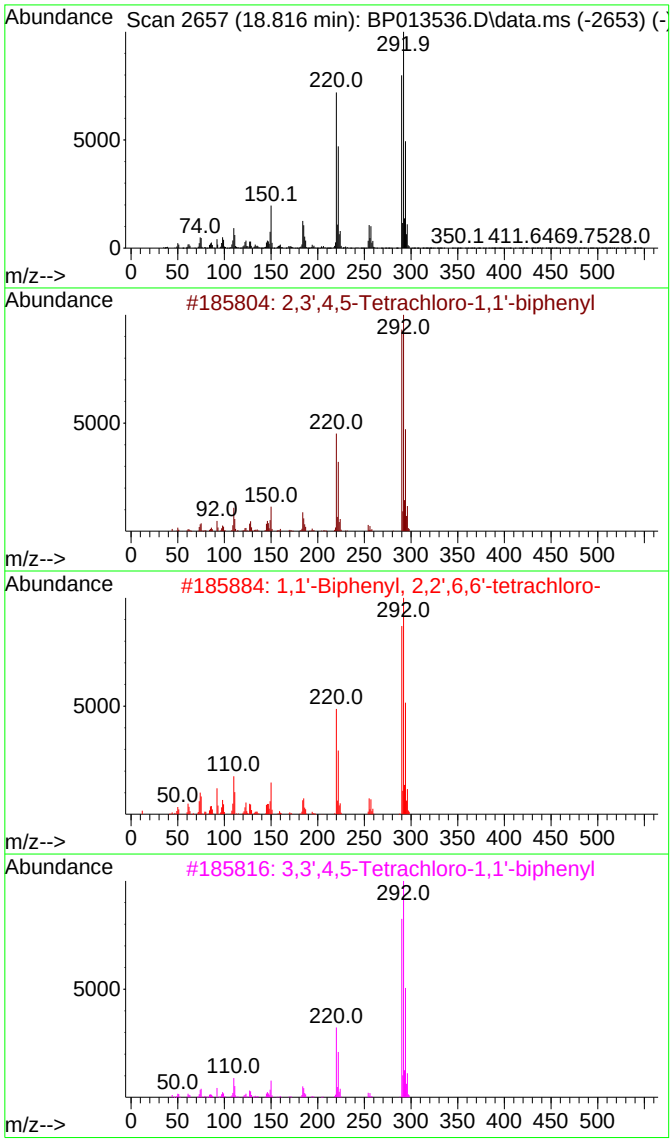
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

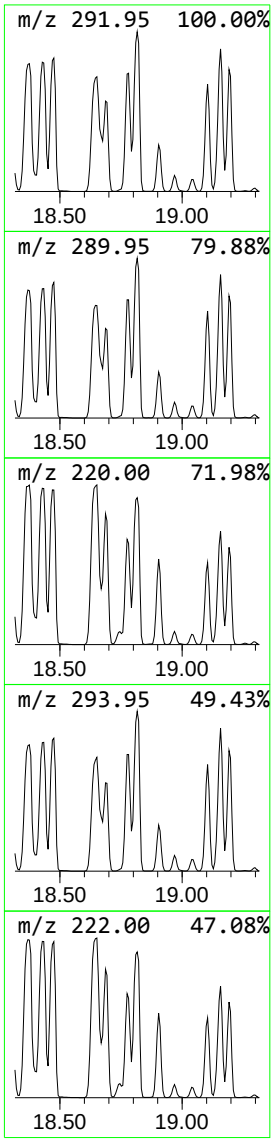
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 2,3',4,5-Tetrachloro-1,1'-b... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.816	51.36 ng/ul	77448500	Phenanthrene-d10	17.322

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, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
3	3,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-49-1	99
4	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	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 : BP013536.D
Acq On : 18 Jan 2023 23:21
Operator : CG/JU
Sample : 01146-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4462

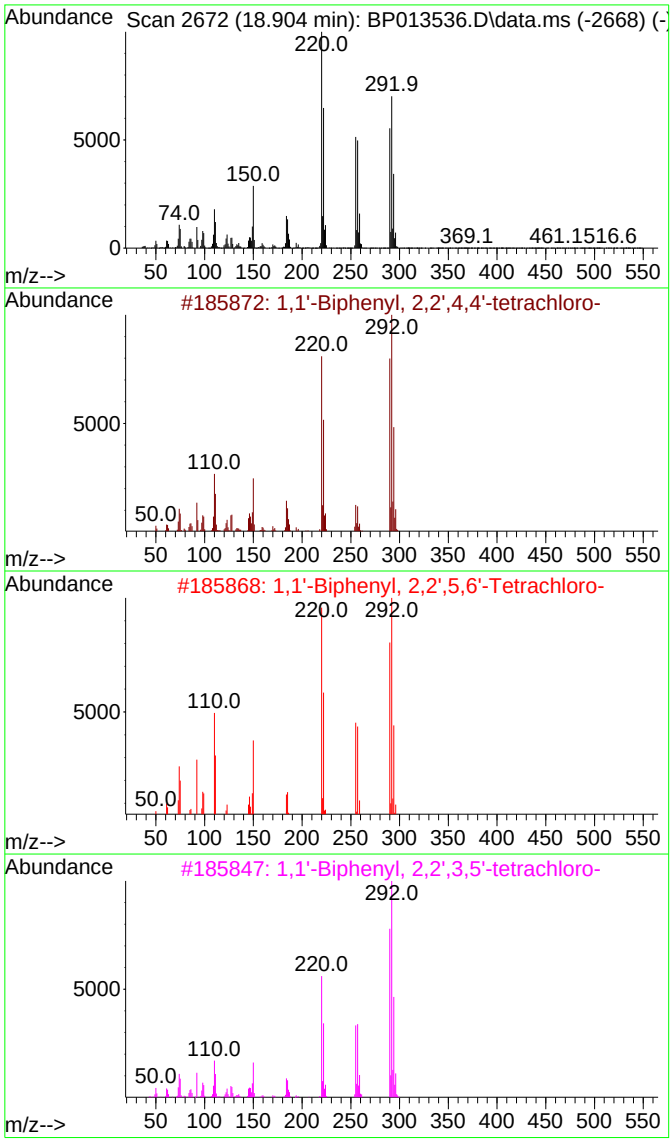
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

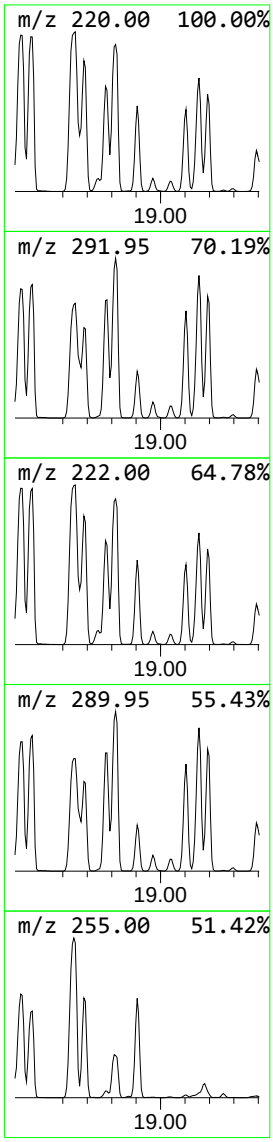
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 1,1'-Biphenyl, 2,2',5,6'-Te... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.904	21.49 ng/ul	32414800	Phenanthrene-d10	17.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
2	1,1'-Biphenyl, 2,2',5,6'-Tetrach...	290	C12H6Cl4	041464-41-9	99
3	1,1'-Biphenyl, 2,2',3,5'-tetrach...	290	C12H6Cl4	041464-39-5	99
4	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	99
5	2,2',3,6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-45-7	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
Data File : BP013536.D
Acq On : 18 Jan 2023 23:21
Operator : CG/JU
Sample : 01146-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4462

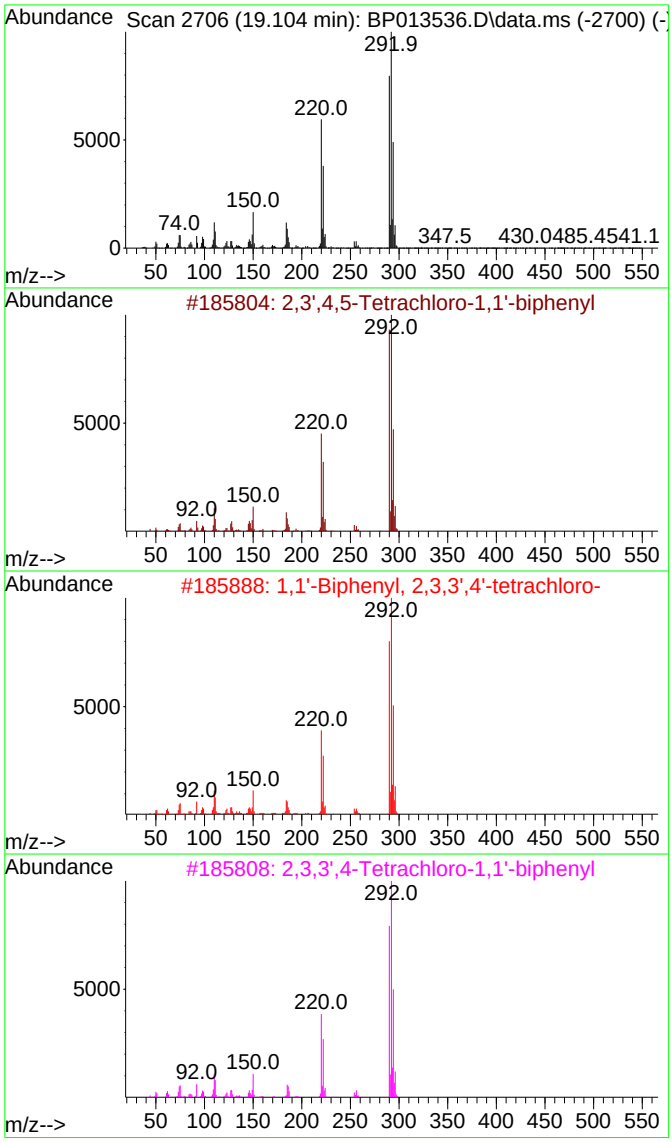
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

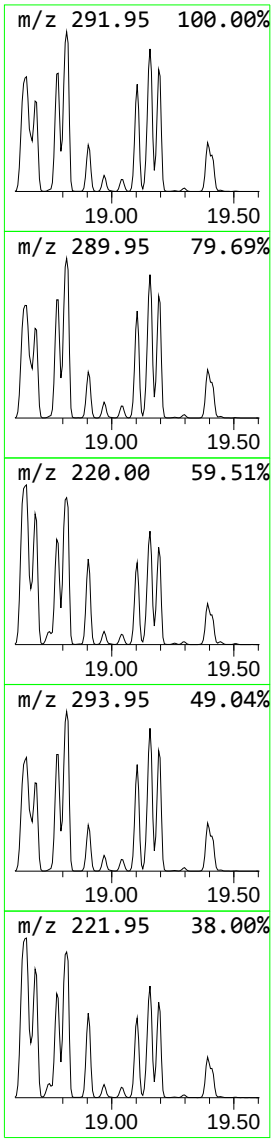
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 1,1'-Biphenyl, 2,3,3',4'-te... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.104	26.22 ng/ul	39536300	Phenanthrene-d10	17.322

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	2,3,3',4-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074338-24-2	99
4	Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	99
5	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
Data File : BP013536.D
Acq On : 18 Jan 2023 23:21
Operator : CG/JU
Sample : 01146-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4462

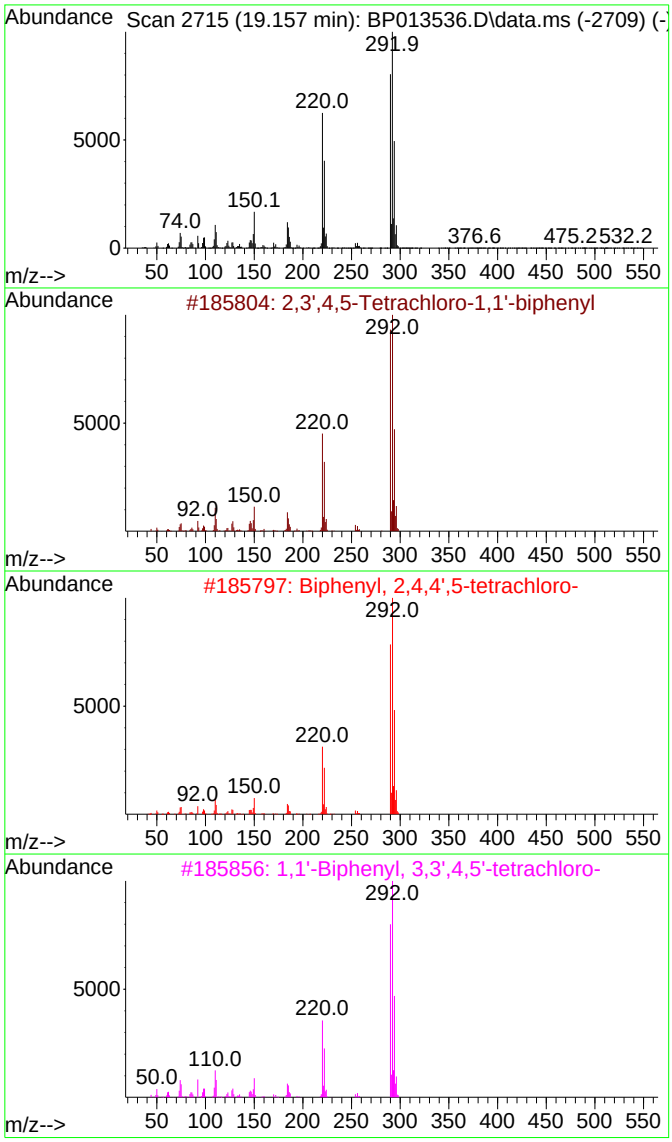
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

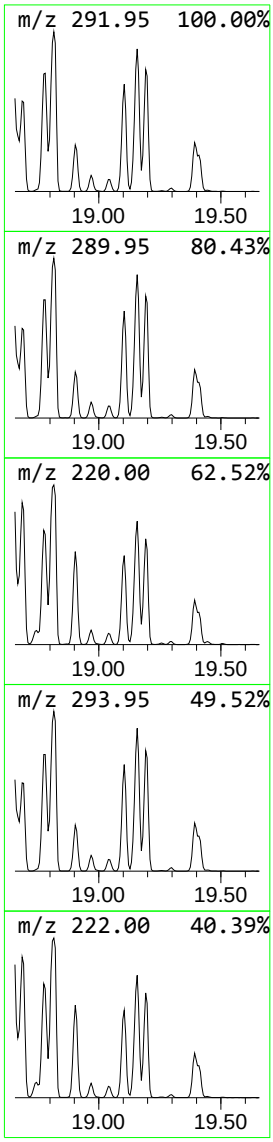
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 1,1'-Biphenyl, 2,3',4,6-Tet... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.157	46.16 ng/ul	69607600	Phenanthrene-d10	17.322

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	Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	99
3	1,1'-Biphenyl, 3,3',4,5'-tetrach...	290	C12H6Cl4	041464-48-6	99
4	1,1'-Biphenyl, 2,3',4,6-Tetrachl...	290	C12H6Cl4	060233-24-1	99
5	1,1'-Biphenyl, 2,3',4',6-tetrach...	290	C12H6Cl4	041464-46-4	99





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Data File : BP013536.D
Acq On : 18 Jan 2023 23:21
Operator : CG/JU
Sample : 01146-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4462

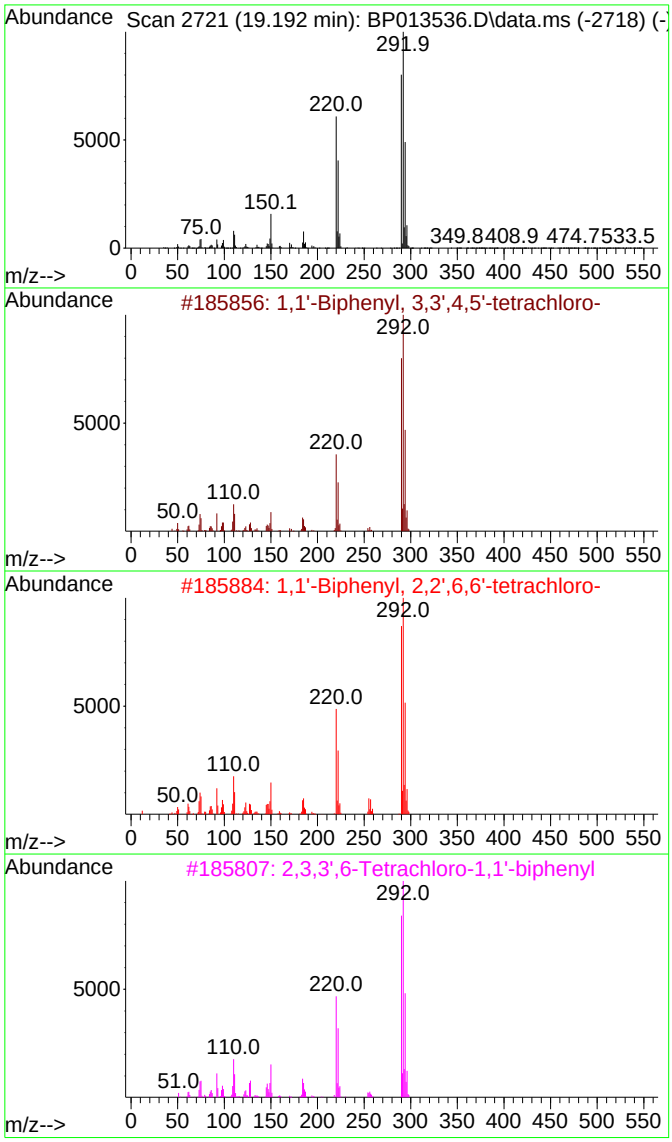
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

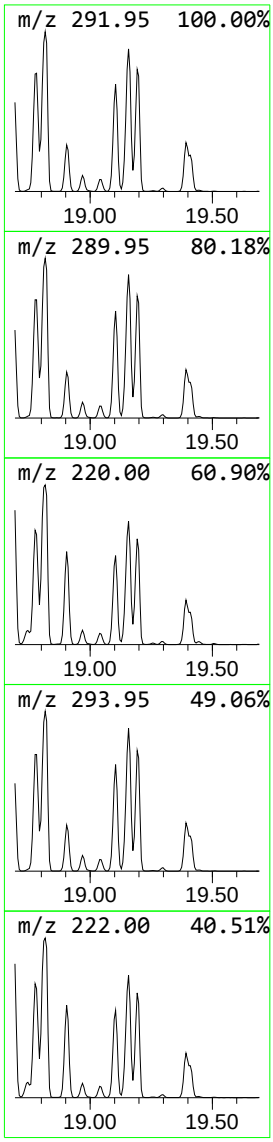
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 1,1'-Biphenyl, 3,3',4,5'-te... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.192	34.94 ng/ul	52684900	Phenanthrene-d10	17.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3,3',4,5'-tetrach...	290	C12H6Cl4	041464-48-6	95
2	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	95
3	2,3,3',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-33-6	95
4	3,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-49-1	95
5	2,3,4',5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-34-7	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
Data File : BP013536.D
Acq On : 18 Jan 2023 23:21
Operator : CG/JU
Sample : 01146-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4462

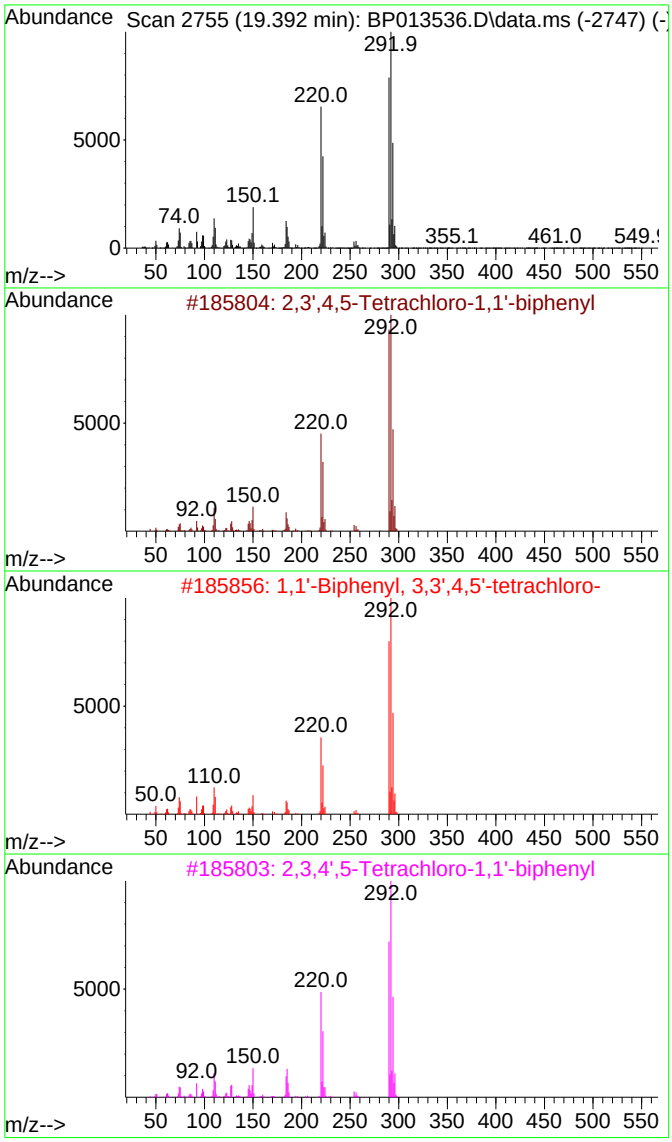
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

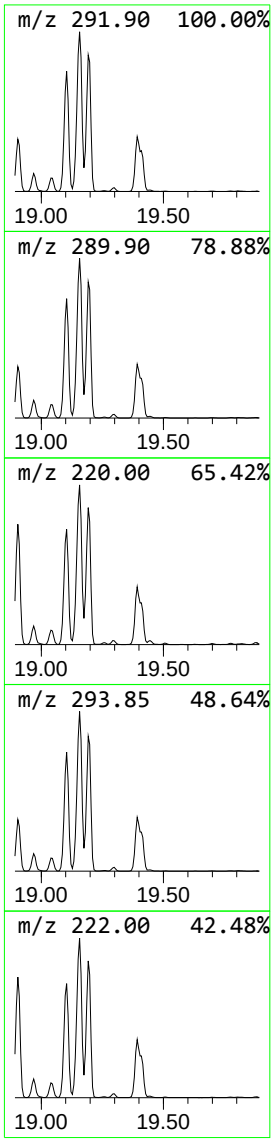
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 41 3,3',4,5-Tetrachloro-1,1'-b... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.392	6.00 ng/ul	31077000	Chrysene-d12	21.404

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, 3,3',4,5'-tetrach...	290	C12H6Cl4	041464-48-6	99
3	2,3,4',5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-34-7	99
4	2,3,3',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-33-6	99
5	3,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-49-1	99





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
Data File : BP013536.D
Acq On : 18 Jan 2023 23:21
Operator : CG/JU
Sample : 01146-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4462

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
(DEL) Alkane: S...	12.945	2.7	ng/ul	1306160	3	14.545	9638530	20.0
(DEL) Alkane: S...	13.187	2.4	ng/ul	1166580	3	14.545	9638530	20.0
3-Chlorobiphenyl	14.663	9.2	ng/ul	4428670	3	14.545	9638530	20.0
9H-Fluorene, 9-...	15.751	15.3	ng/ul	7362770	3	14.545	9638530	20.0
1,1'-Biphenyl, ...	15.816	213.2	ng/ul	102756000	3	14.545	9638530	20.0
1,1'-Biphenyl, ...	16.151	58.4	ng/ul	88079700	4	17.322	30161500	20.0
1,1'-Biphenyl, ...	16.416	23.2	ng/ul	35026100	4	17.322	30161500	20.0
1,1'-Biphenyl, ...	16.534	35.5	ng/ul	53598800	4	17.322	30161500	20.0
1,1'-Biphenyl, ...	16.834	32.4	ng/ul	48780800	4	17.322	30161500	20.0
1,1'-Biphenyl, ...	17.192	85.8	ng/ul	129474000	4	17.322	30161500	20.0
1,1'-Biphenyl, ...	17.233	52.1	ng/ul	78596900	4	17.322	30161500	20.0
1,1'-Biphenyl, ...	17.498	71.9	ng/ul	108480000	4	17.322	30161500	20.0
1,1'-Biphenyl, ...	17.763	38.8	ng/ul	58517300	4	17.322	30161500	20.0
1,1'-Biphenyl, ...	17.792	15.4	ng/ul	23184500	4	17.322	30161500	20.0
unknown-01	17.910	69.8	ng/ul	105264000	4	17.322	30161500	20.0
1,1'-Biphenyl, ...	18.045	67.9	ng/ul	102409000	4	17.322	30161500	20.0
1,1'-Biphenyl, ...	18.163	59.9	ng/ul	90266100	4	17.322	30161500	20.0
1,1'-Biphenyl, ...	18.210	27.1	ng/ul	40933000	4	17.322	30161500	20.0
2,2',4,5-Tetrac...	18.304	12.8	ng/ul	19291000	4	17.322	30161500	20.0
1,1'-Biphenyl, ...	18.369	70.0	ng/ul	105510000	4	17.322	30161500	20.0
2,3,3',6-Tetrac...	18.427	59.0	ng/ul	88964800	4	17.322	30161500	20.0
Biphenyl, 2,4,4...	18.475	47.0	ng/ul	70920600	4	17.322	30161500	20.0
1,1'-Biphenyl, ...	18.645	74.1	ng/ul	111726000	4	17.322	30161500	20.0
1,1'-Biphenyl, ...	18.686	34.9	ng/ul	52623600	4	17.322	30161500	20.0
1,1'-Biphenyl, ...	18.745	45.0	ng/ul	67802100	4	17.322	30161500	20.0
2,3,3',4-Tetrac...	18.775	30.5	ng/ul	45968600	4	17.322	30161500	20.0
2,3',4,5-Tetrac...	18.816	51.4	ng/ul	77448500	4	17.322	30161500	20.0
1,1'-Biphenyl, ...	18.904	21.5	ng/ul	32414800	4	17.322	30161500	20.0
1,1'-Biphenyl, ...	19.104	26.2	ng/ul	39536300	4	17.322	30161500	20.0
1,1'-Biphenyl, ...	19.157	46.2	ng/ul	69607600	4	17.322	30161500	20.0
1,1'-Biphenyl, ...	19.192	34.9	ng/ul	52684900	4	17.322	30161500	20.0
3,3',4,5-Tetrac...	19.392	6.0	ng/ul	31077000	5	21.404	103544000	20.0