LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
Data File : BP013534.D
Acq On : 18 Jan 2023 22:12
Operator : CG/JU
Sample : 01146-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4418

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: BP013534.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.981	299	305	313	rVB2	194600	418561	0.24%	0.023%
2	7.058	652	658	671	rVB	1769738	2842146	1.62%	0.153%
3	7.228	680	687	698	rVB	1345961	2043516	1.16%	0.110%
4	7.428	714	721	729	rBV	1742752	2761805	1.57%	0.149%
5	7.899	792	801	809	rBV	2462943	3904178	2.23%	0.210%
6	8.611	916	922	934	rVB	2099594	3365737	1.92%	0.181%
7	9.063	992	999	1009	rBV	1546023	2551792	1.45%	0.138%
8	9.787	1115	1122	1133	rBV	1335266	2238326	1.28%	0.121%
9	10.328	1207	1214	1222	rBV	2036753	3372248	1.92%	0.182%
10	10.710	1266	1279	1287	rBV	3070394	5085785	2.90%	0.274%
11	10.852	1296	1303	1319	rVB	885333	1551887	0.88%	0.084%
12	12.893	1644	1650	1654	rBV	404314	539407	0.31%	0.029%
13	12.946	1654	1659	1665	rVB	739418	992519	0.57%	0.053%
14	13.187	1694	1700	1704	rBV	732740	985172	0.56%	0.053%
15	13.357	1722	1729	1735	rVV2	358757	725490	0.41%	0.039%
16	13.951	1822	1830	1836	rBV	2910846	3975628	2.27%	0.214%
17	14.240	1873	1879	1882	rBV	3351005	4925003	2.81%	0.265%
18	14.269	1882	1884	1890	rVB	754601	958837	0.55%	0.052%
19	14.563	1918	1934	1940	rBV2	10926628	19940496	11.37%	1.075%
20	14.663	1946	1951	1959	rVB	3531483	4850990	2.77%	0.261%
21	14.751	1960	1966	1975	rBV	908066	1462913	0.83%	0.079%
22	15.375	2067	2072	2079	rVB	2067046	2935752	1.67%	0.158%
23	15.493	2085	2092	2096	rBV	8239823	11578088	6.60%	0.624%
24	15.540	2096	2100	2104	rVB	3857942	5010986	2.86%	0.270%
25	15.587	2104	2108	2119	rVB2	4301918	6982334	3.98%	0.376%
26	15.687	2119	2125	2130	rBV	931940	1422996	0.81%	0.077%
27	15.751	2130	2136	2140	rBV	7849023	11194760	6.38%	0.603%
28	15.822	2140	2148	2154	rBV2	45987056	175422425	100.00%	9.455%
29	15.928	2163	2166	2173	rVB	516571	633182	0.36%	0.034%
30	16.040	2174	2185	2189	rBV2	559741	1324130	0.75%	0.071%
31	16.151	2196	2204	2207	rBV2	46623967	111812337	63.74%	6.026%
32	16.198	2210	2212	2216	rVB	4007419	3994005	2.28%	0.215%
33	16.257	2216	2222	2228	rVB	6719186	8673061	4.94%	0.467%
34	16.363	2235	2240	2244	rBV	9037184	11953299	6.81%	0.644%
35	16.416	2244	2249	2258	rVB3	15305310	25545215	14.56%	1.377%
36	16.492	2258	2262	2264	rBV	751019	942985	0.54%	0.051%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
Data File : BP013534.D
Acq On : 18 Jan 2023 22:12
Operator : CG/JU
Sample : 01146-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4418

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	16.540	2264	2270	2275	rBV2	45212709	79670676	45.42%	4.294%
38	16.587	2275	2278	2284	rVB	2569909	3065575	1.75%	0.165%
39	16.669	2287	2292	2297	rBV	2505503	3190665	1.82%	0.172%
40	16.834	2309	2320	2325	rBV	24655810	35407464	20.18%	1.908%
41	16.898	2325	2331	2336	rVB2	7380942	10936336	6.23%	0.589%
42	17.081	2358	2362	2369	rVB3	380185	812352	0.46%	0.044%
43	17.187	2372	2380	2383	rBV	38305633	66856125	38.11%	3.603%
44	17.222	2383	2386	2393	rVB	38526019	57598213	32.83%	3.104%
45	17.298	2393	2399	2402	rBV3	26470477	43770294	24.95%	2.359%
46	17.328	2402	2404	2413	rVB	10321301	15283645	8.71%	0.824%
47	17.410	2413	2418	2423	rBV2	3944297	5287757	3.01%	0.285%
48	17.487	2423	2431	2436	rBV2	40051988	68261552	38.91%	3.679%
49	17.592	2441	2449	2453	rBV	597887	1044625	0.60%	0.056%
50	17.639	2453	2457	2460	rBV	1750029	2319609	1.32%	0.125%
51	17.669	2460	2462	2471	rVB2	1318312	2020177	1.15%	0.109%
52	17.757	2471	2477	2480	rBV	18563513	26321833	15.00%	1.419%
53	17.787	2480	2482	2487	rVB	8958863	9586283	5.46%	0.517%
54	17.845	2488	2492	2494	rBV	359381	406762	0.23%	0.022%
55	17.916	2494	2504	2505	rBV3	47717221	106620375	60.78%	5.746%
56	18.034	2515	2524	2529	rBV2	40054303	69629952	39.69%	3.753%
57	18.092	2529	2534	2538	rVV	5198036	6775031	3.86%	0.365%
58	18.151	2538	2544	2548	rVV	34164331	47550528	27.11%	2.563%
59	18.198	2548	2552	2560	rVB	14026164	17885454	10.20%	0.964%
60	18.304	2565	2570	2574	rVV2	5593254	8135138	4.64%	0.438%
61	18.363	2574	2580	2585	rVV	36003985	56249685	32.07%	3.032%
62	18.422	2585	2590	2593	rVV	30683543	44139579	25.16%	2.379%
63	18.463	2593	2597	2602	rVV	33056946	43151512	24.60%	2.326%
64	18.634	2620	2626	2631	rVV	34548177	55791777	31.80%	3.007%
65	18.681	2631	2634	2639	rVV2	17822283	23895642	13.62%	1.288%
66	18.734	2639	2643	2646	rVV	24601586	32782992	18.69%	1.767%
67	18.769	2646	2649	2652	rVV	19727923	25354475	14.45%	1.367%
68	18.804	2652	2655	2660	rVB	32356700	40562305	23.12%	2.186%
69	18.863	2661	2665	2667	rBV	696901	862274	0.49%	0.046%
70	18.898	2667	2671	2676	rVB	10422397	12681140	7.23%	0.683%
71	18.969	2677	2683	2690	rBV	2160216	2959677	1.69%	0.160%
72	19.039	2690	2695	2700	rVB	2209595	2906370	1.66%	0.157%
73	19.098	2700	2705	2709	rBV	21420505	27297495	15.56%	1.471%
74	19.151	2709	2714	2717	rVV	28635473	44508701	25.37%	2.399%
75	19.186	2717	2720	2725	rVV2	28734997	40771271	23.24%	2.197%
76	19.257	2728	2732	2735	rBV	2598137	2993081	1.71%	0.161%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
Data File : BP013534.D
Acq On : 18 Jan 2023 22:12
Operator : CG/JU
Sample : 01146-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4418

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	19.292	2735	2738	2746	rVB2	785744	1019760	0.58%	0.055%
78	19.392	2747	2755	2761	rBV	13288744	28462114	16.22%	1.534%
79	19.445	2761	2764	2771	rVV	8779051	10563194	6.02%	0.569%
80	19.504	2771	2774	2779	rVB	3830850	4520789	2.58%	0.244%
81	19.639	2792	2797	2802	rBV	5562800	7371769	4.20%	0.397%
82	19.698	2803	2807	2813	rBV2	2750156	3668165	2.09%	0.198%
83	19.775	2813	2820	2824	rBV	3734232	4616553	2.63%	0.249%
84	19.822	2824	2828	2832	rVB	2096648	2462715	1.40%	0.133%
85	19.881	2833	2838	2842	rVV	6189380	7313016	4.17%	0.394%
86	19.928	2842	2846	2850	rVV	2922924	3434159	1.96%	0.185%
87	20.022	2858	2862	2866	rVB	1499253	1855914	1.06%	0.100%
88	20.133	2876	2881	2885	rBV4	788646	1552082	0.88%	0.084%
89	20.181	2885	2889	2897	rVV	5372199	6779161	3.86%	0.365%
90	20.322	2909	2913	2918	rBV5	495814	932604	0.53%	0.050%
91	20.404	2924	2927	2931	rVB	394015	407364	0.23%	0.022%
92	20.486	2937	2941	2945	rVB	3718107	4233139	2.41%	0.228%
93	20.669	2968	2972	2975	rBV3	637176	1176360	0.67%	0.063%
94	21.086	3038	3043	3058	rBV	28118237	52376294	29.86%	2.823%
95	21.292	3072	3078	3082	rBV4	41679717	99093668	56.49%	5.341%
96	21.722	3149	3151	3155	rVB	871789	873152	0.50%	0.047%
97	21.763	3155	3158	3164	rVB	974540	1174726	0.67%	0.063%
98	22.545	3288	3291	3297	rVB	1636709	2240101	1.28%	0.121%
99	23.698	3482	3487	3495	rVB2	4123859	7755195	4.42%	0.418%
100	23.857	3509	3514	3524	rVB2	3521253	7255461	4.14%	0.391%

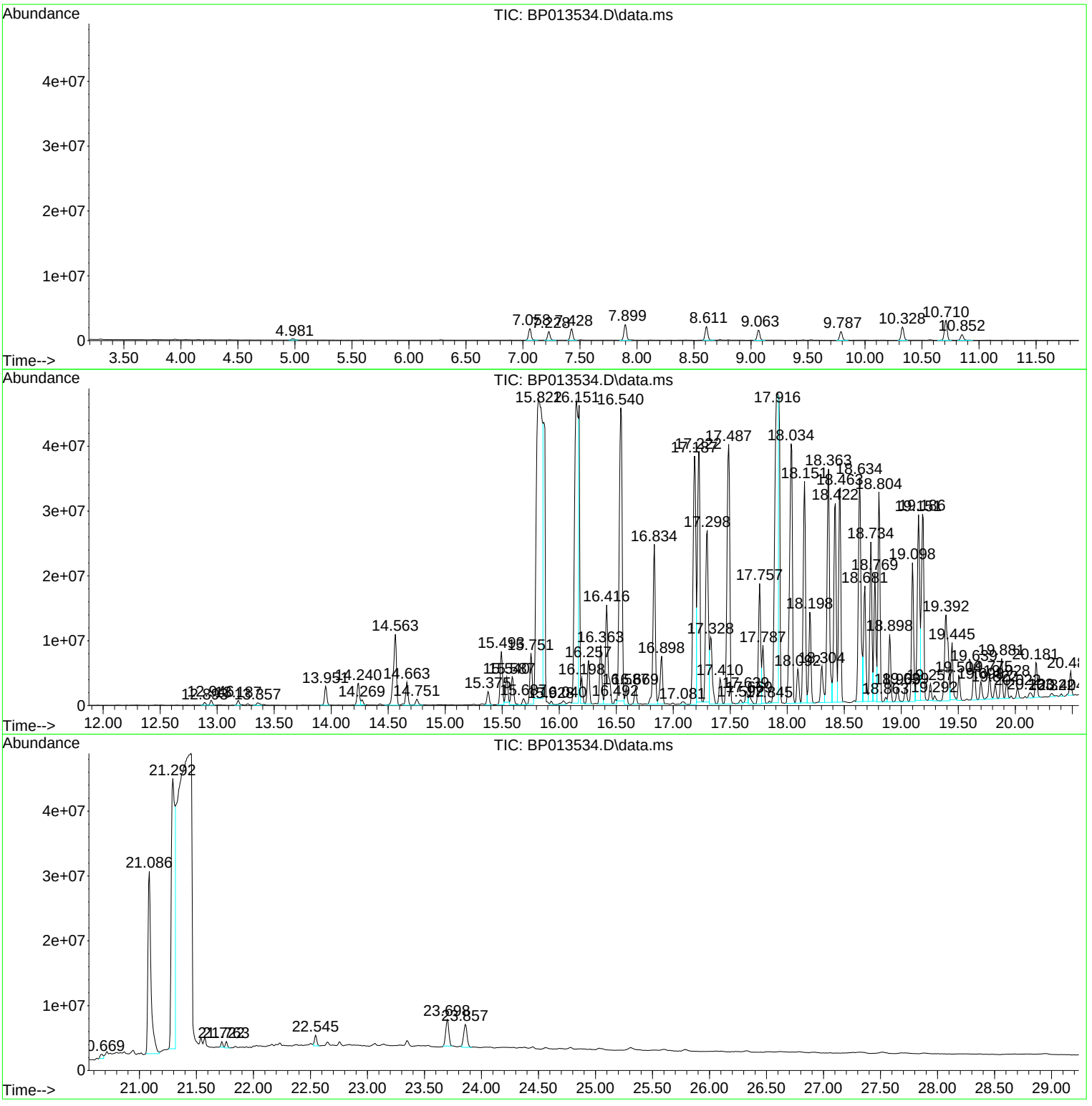
Sum of corrected areas: 1855399843

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
Data File : BP013534.D
Acq On : 18 Jan 2023 22:12
Operator : CG/JU
Sample : 01146-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4418

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 : BP013534.D
Acq On : 18 Jan 2023 22:12
Operator : CG/JU
Sample : 01146-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4418

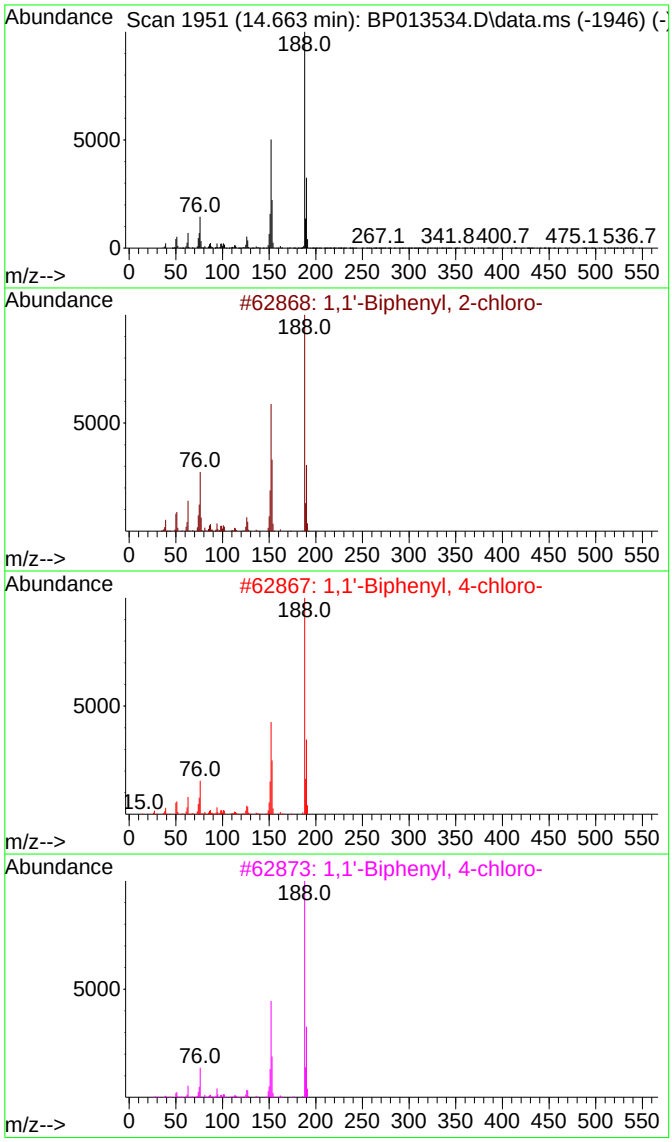
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

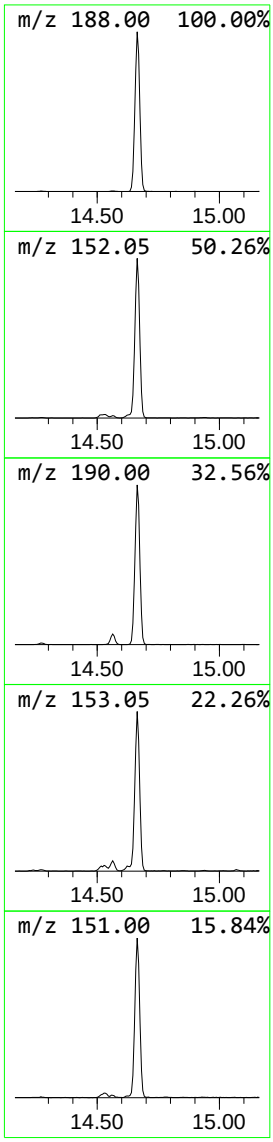
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 1,1'-Biphenyl, 2-chloro- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.663	4.87 ng/ul	4850990	Acenaphthene-d10	14.546

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2-chloro-	188	C12H9Cl	002051-60-7	97
2	1,1'-Biphenyl, 4-chloro-	188	C12H9Cl	002051-62-9	97
3	1,1'-Biphenyl, 4-chloro-	188	C12H9Cl	002051-62-9	95
4	1,1'-Biphenyl, 4-chloro-	188	C12H9Cl	002051-62-9	95
5	1,1'-Biphenyl, 2-chloro-	188	C12H9Cl	002051-60-7	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
Data File : BP013534.D
Acq On : 18 Jan 2023 22:12
Operator : CG/JU
Sample : 01146-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4418

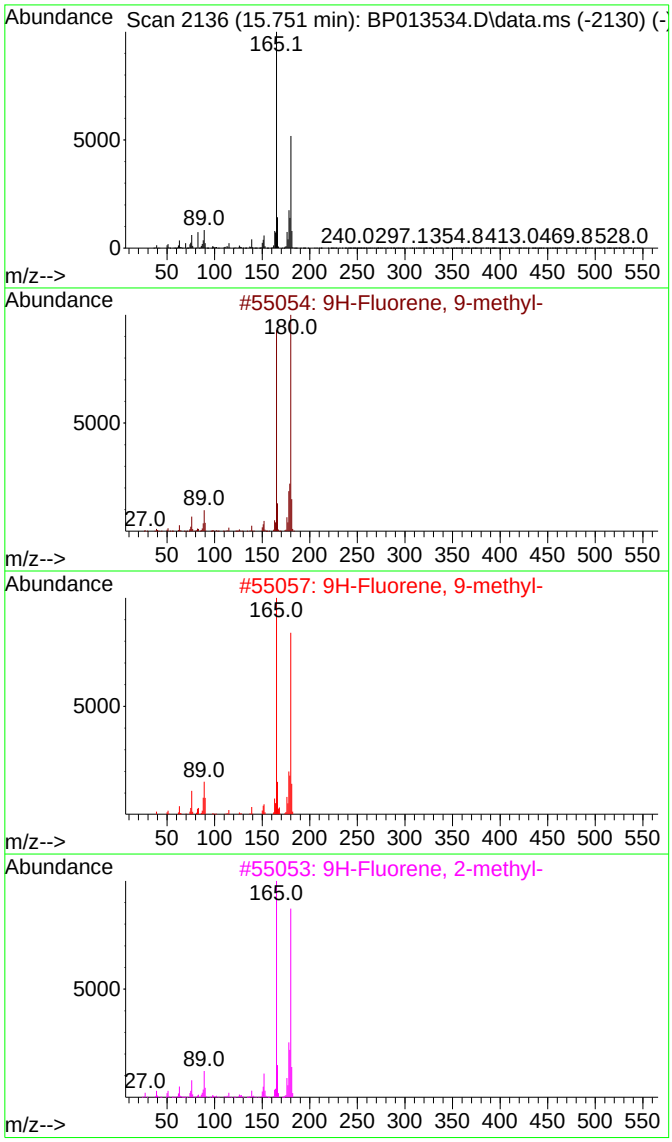
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

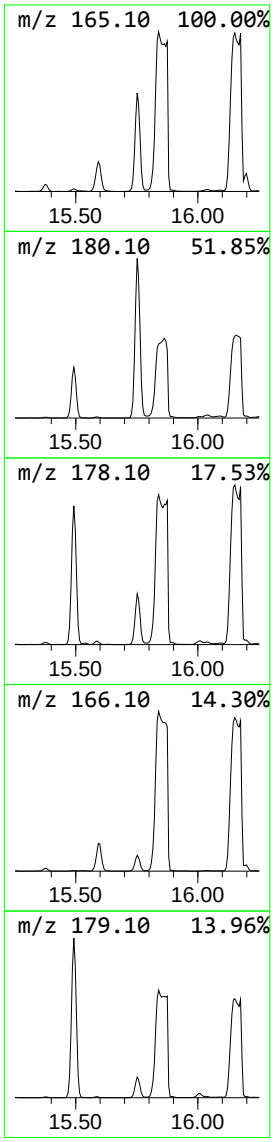
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 9H-Fluorene, 9-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.751	11.23 ng/ul	11194800	Acenaphthene-d10	14.546

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, 2-methyl-	180	C14H12	001430-97-3	91
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	86
5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
Data File : BP013534.D
Acq On : 18 Jan 2023 22:12
Operator : CG/JU
Sample : 01146-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4418

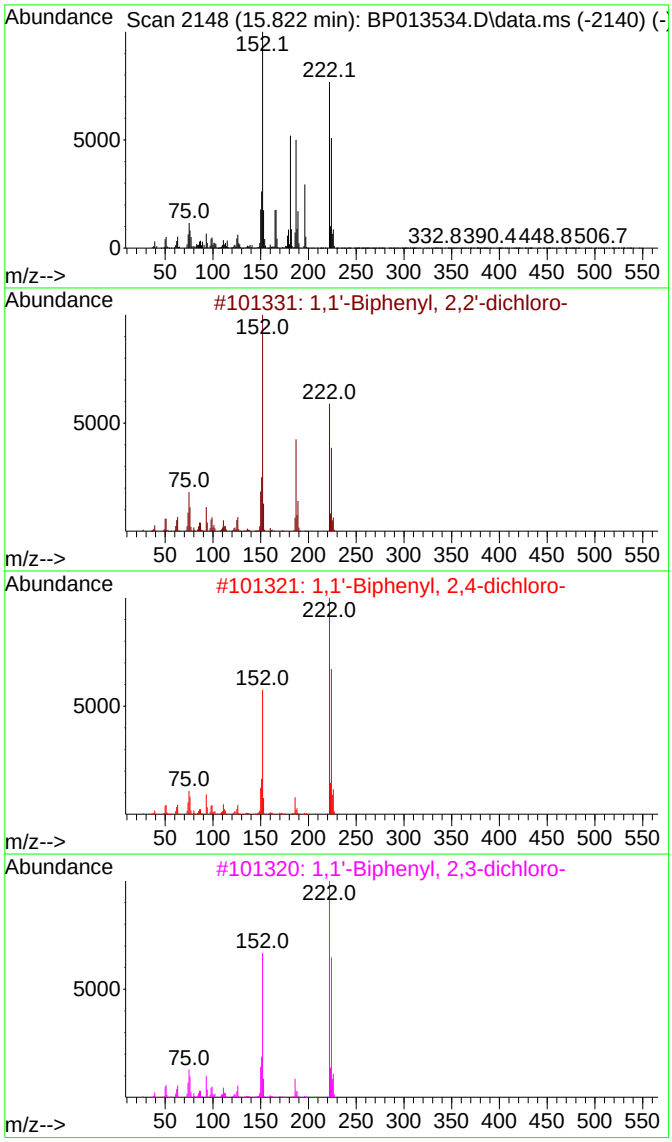
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

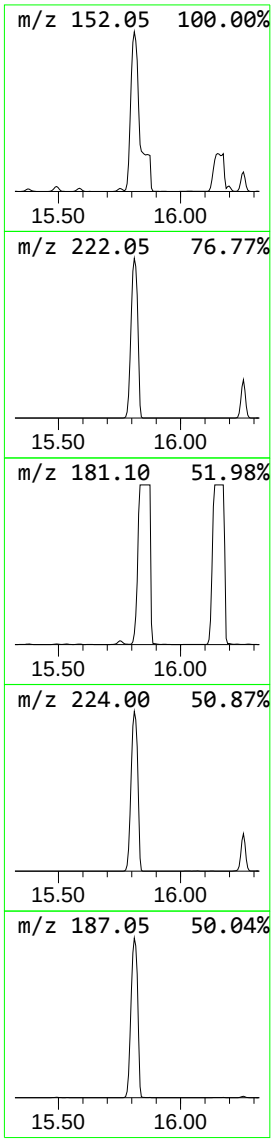
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1,1'-Biphenyl, 2,2'-dichloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.822	175.95 ng/ul	175422000	Acenaphthene-d10	14.546

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	98
2	1,1'-Biphenyl, 2,4-dichloro-	222	C12H8Cl2	033284-50-3	95
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, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
Data File : BP013534.D
Acq On : 18 Jan 2023 22:12
Operator : CG/JU
Sample : 01146-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4418

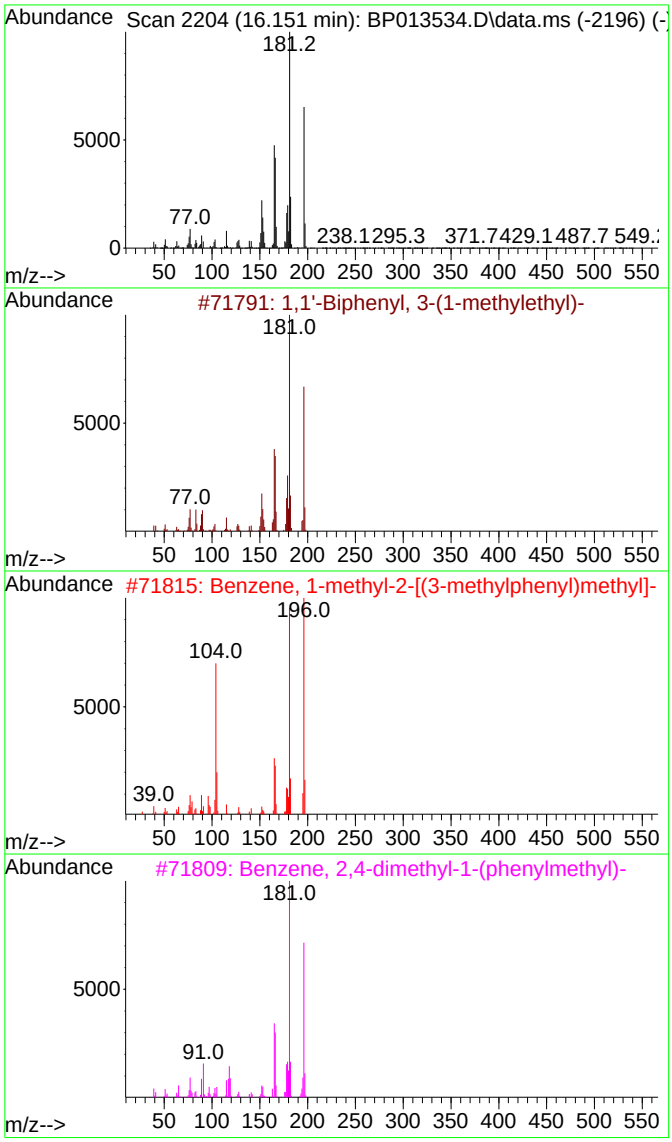
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

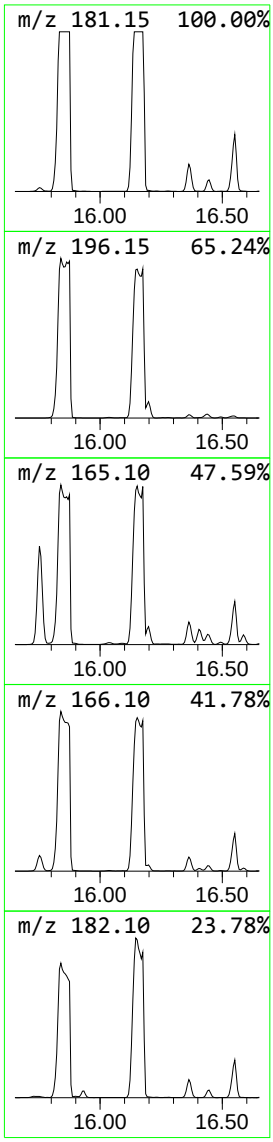
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1,1'-Biphenyl, 3-(1-methyle... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.151	51.09 ng/ul	111812000	Phenanthrene-d10	17.310

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
Data File : BP013534.D
Acq On : 18 Jan 2023 22:12
Operator : CG/JU
Sample : 01146-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4418

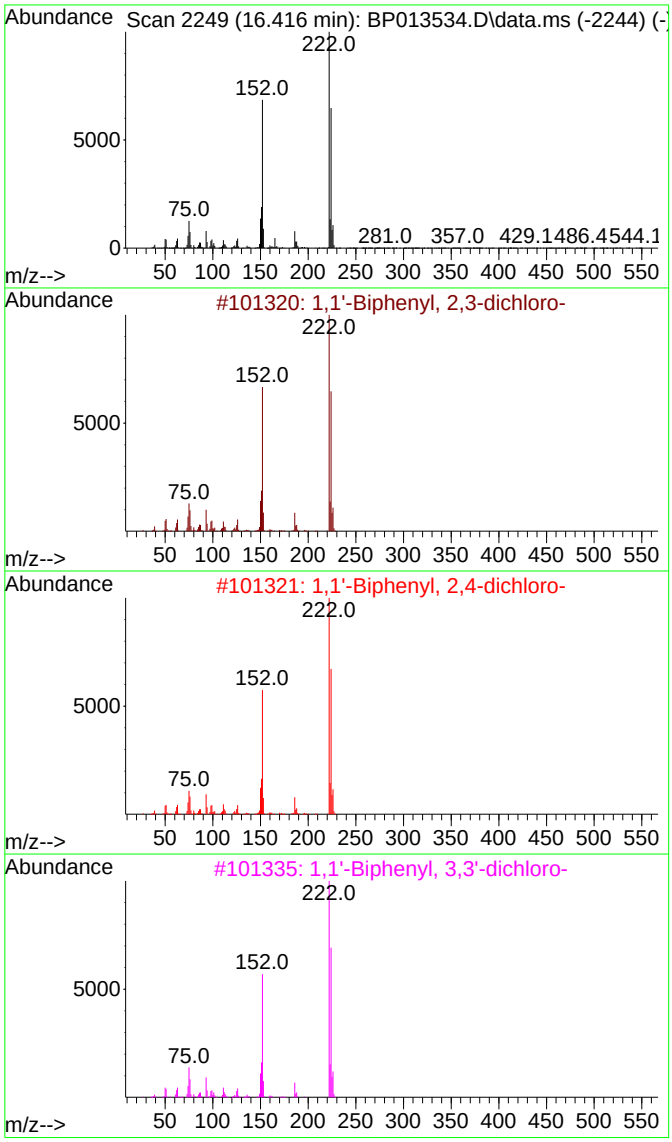
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

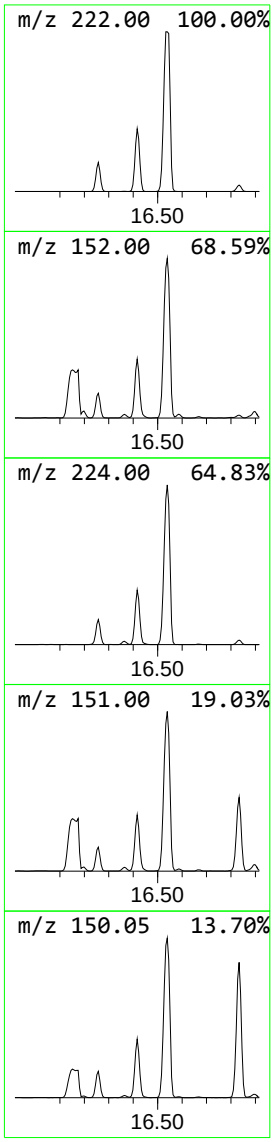
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 1,1'-Biphenyl, 2,3-dichloro- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.416	11.67 ng/ul	25545200	Phenanthrene-d10	17.310

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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Acq On : 18 Jan 2023 22:12
Operator : CG/JU
Sample : 01146-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4418

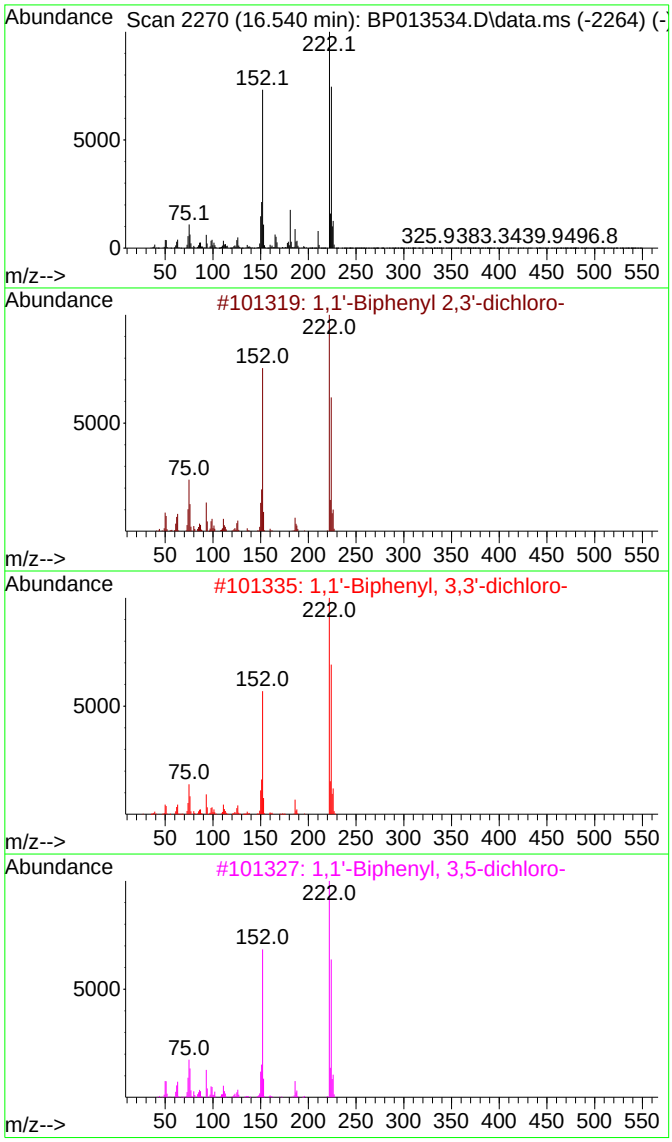
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

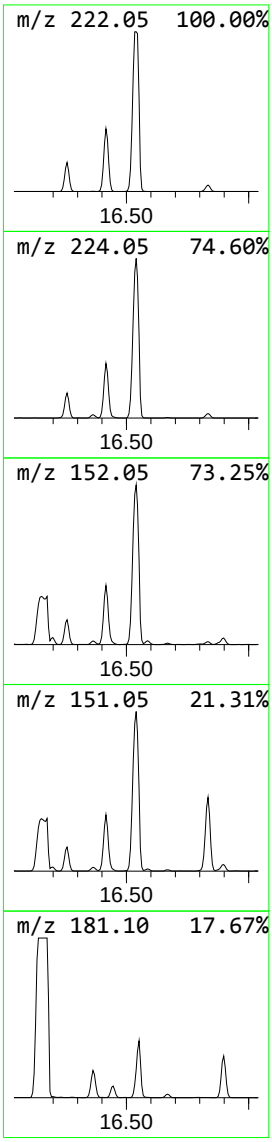
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 1,1'-Biphenyl, 3,3'-dichloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.540	36.40 ng/ul	79670700	Phenanthrene-d10	17.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl 2,3'-dichloro-	222	C12H8Cl2	025569-80-6	97
2	1,1'-Biphenyl, 3,3'-dichloro-	222	C12H8Cl2	002050-67-1	97
3	1,1'-Biphenyl, 3,5-dichloro-	222	C12H8Cl2	034883-41-5	95
4	1,1'-Biphenyl, 2,3-dichloro-	222	C12H8Cl2	016605-91-7	95
5	1,1'-Biphenyl, 3,3'-dichloro-	222	C12H8Cl2	002050-67-1	95





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Operator : CG/JU
Sample : 01146-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

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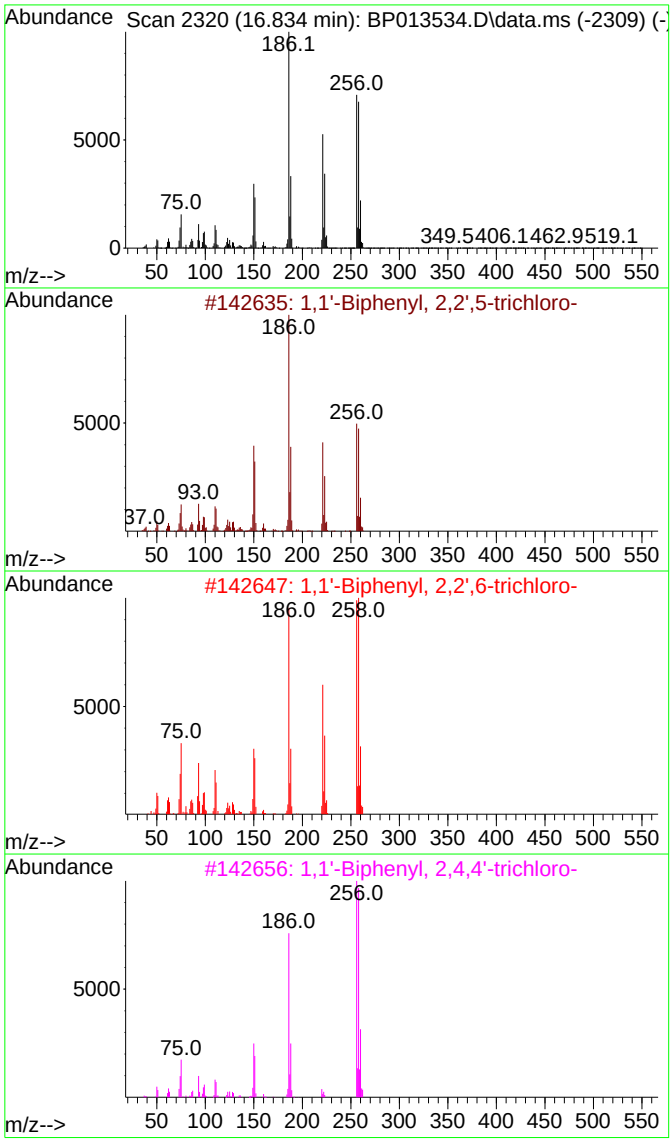
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

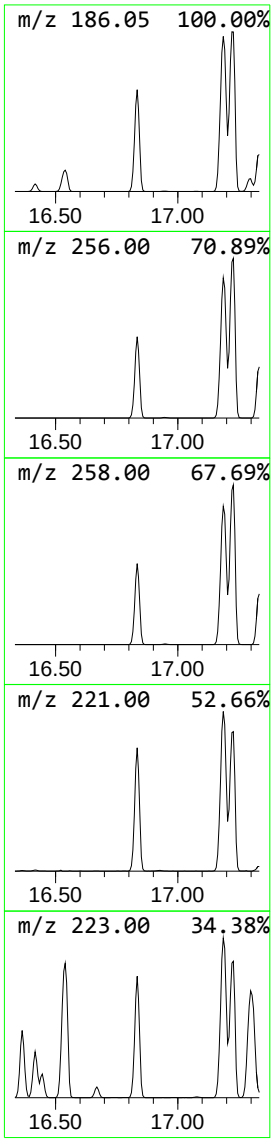
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.834	16.18 ng/ul	35407500	Phenanthrene-d10	17.310

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, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99
4	2,2',3-Trichloro-1,1'-biphenyl	256	C12H7Cl3	038444-78-9	99
5	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	99





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Acq On : 18 Jan 2023 22:12
Operator : CG/JU
Sample : 01146-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

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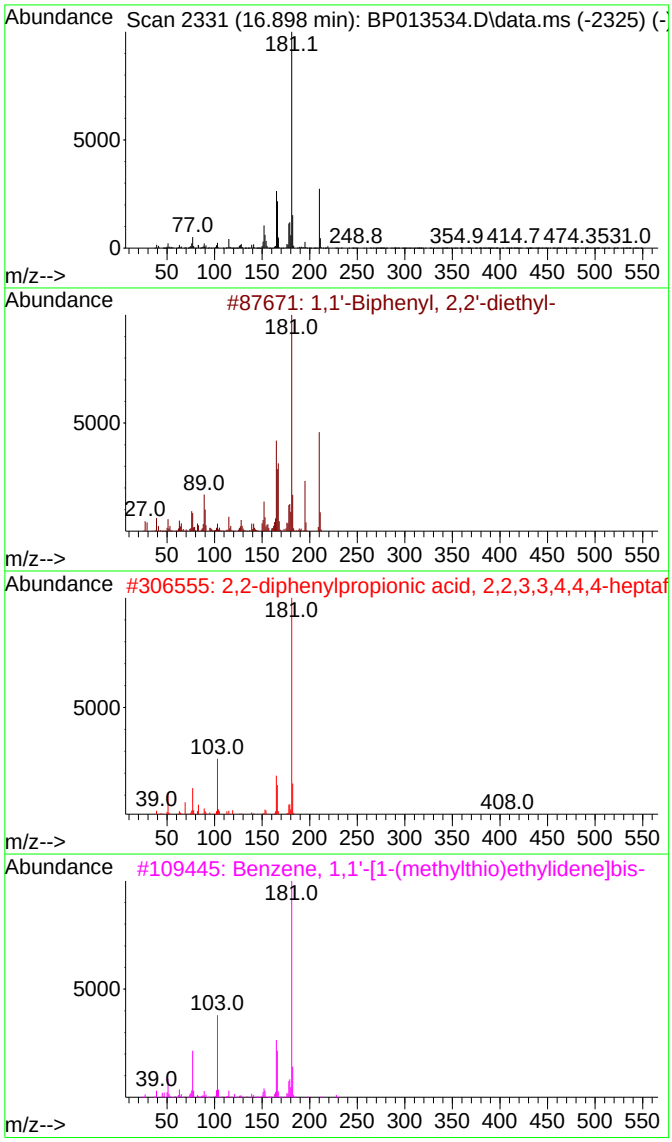
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

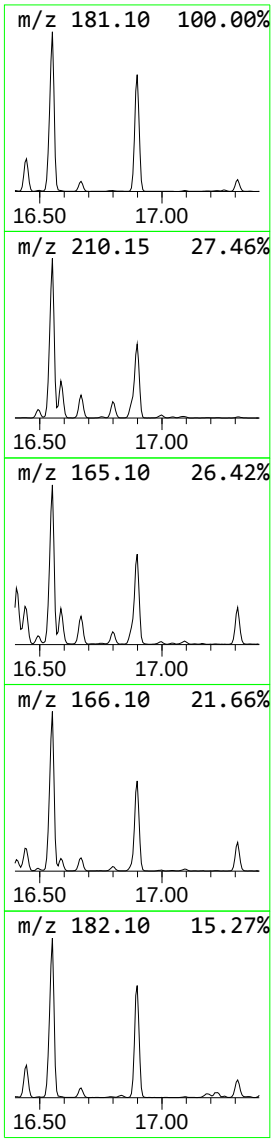
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 1,1'-Biphenyl, 2,2'-diethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.898	5.00 ng/ul	10936300	Phenanthrene-d10	17.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2'-diethyl-	210	C16H18	013049-35-9	68
2	2,2-diphenylpropionic acid, 2,2,...	408	C19H15F7O2	1000376-63-8	64
3	Benzene, 1,1'-[1-(methylthio)eth...	228	C15H16S	054851-63-7	50
4	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	49
5	4'-Phenylpropiophenone	210	C15H14O	037940-57-1	49





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Acq On : 18 Jan 2023 22:12
Operator : CG/JU
Sample : 01146-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

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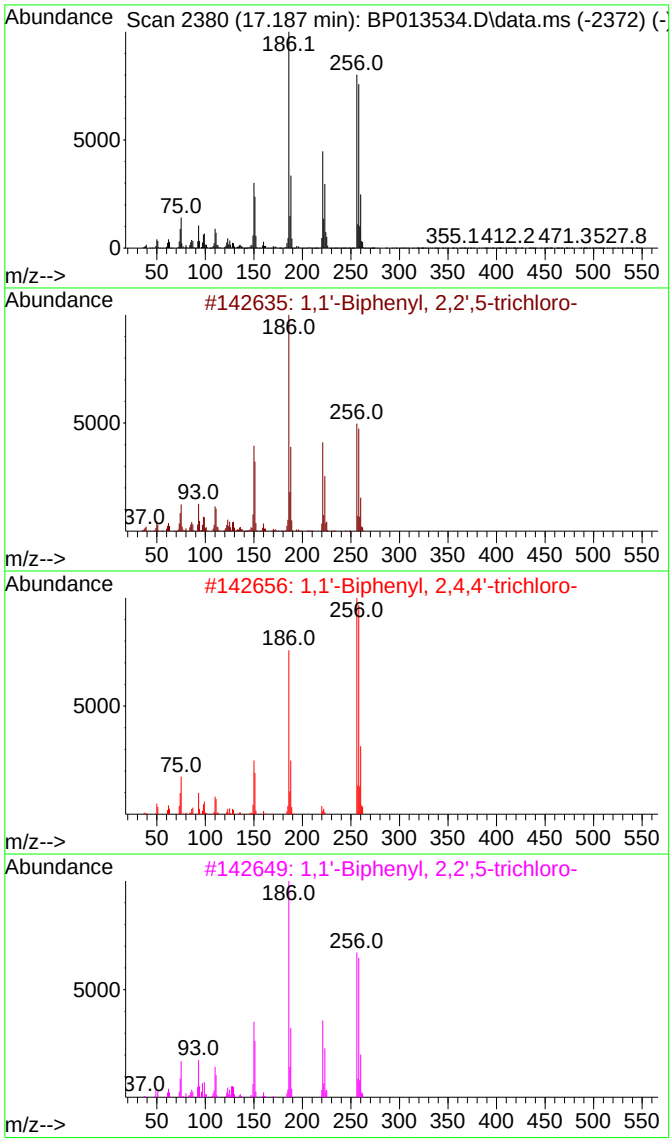
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

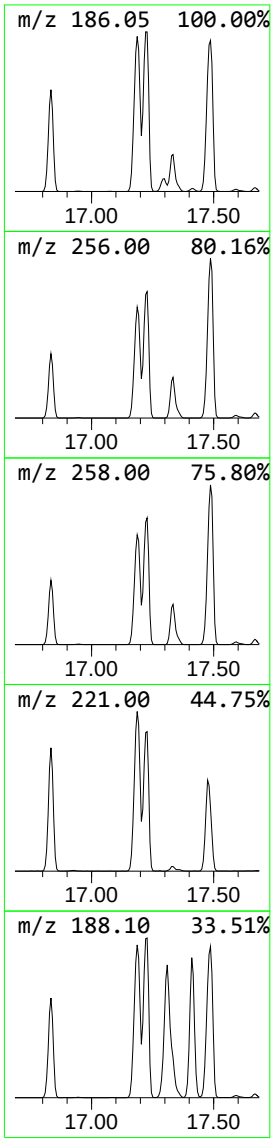
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 1,1'-Biphenyl, 2,4,4'-trich... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.187	30.55 ng/ul	66856100	Phenanthrene-d10	17.310

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





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Acq On : 18 Jan 2023 22:12
Operator : CG/JU
Sample : 01146-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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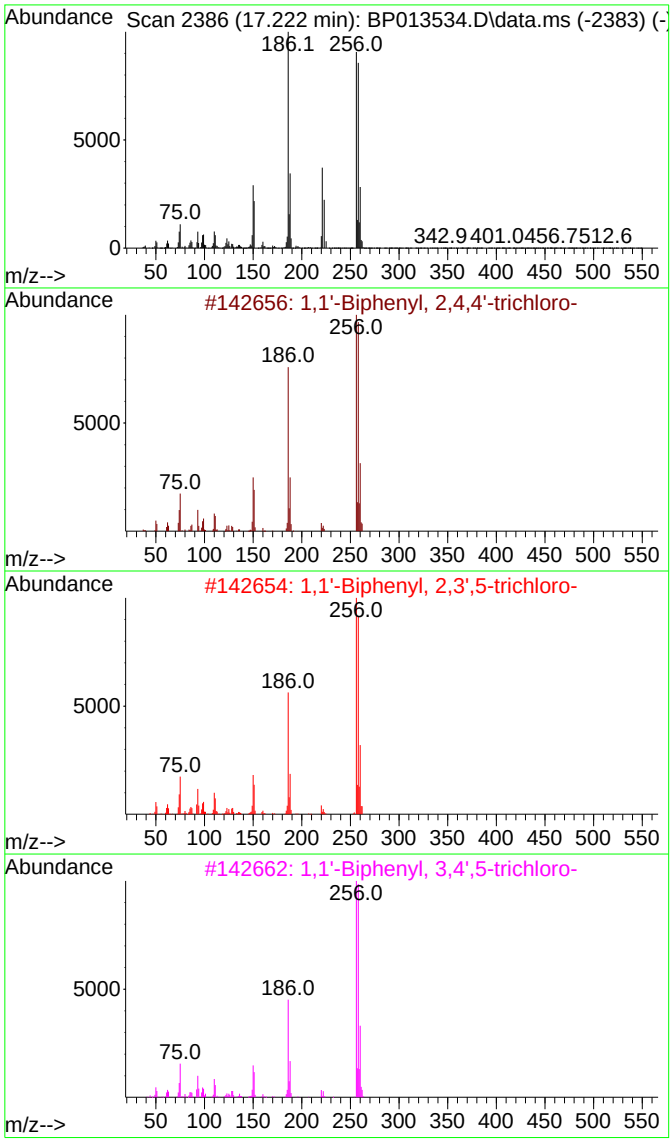
Quant Title : SVOA CALIBRATION

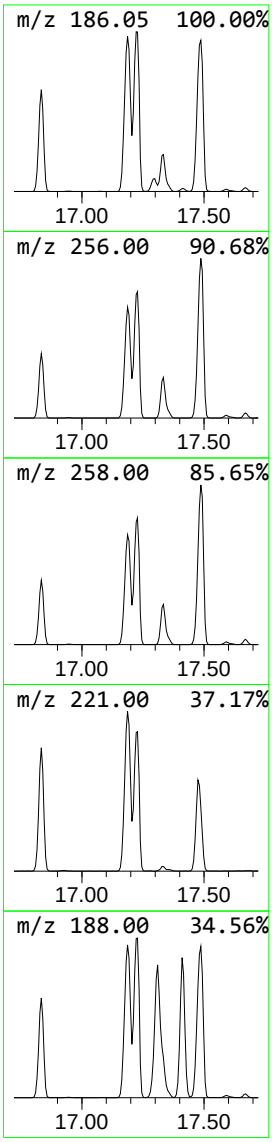
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 1,1'-Biphenyl, 2,3',5-trich... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.222	26.32 ng/ul	57598200	Phenanthrene-d10	17.310

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, 3,4',5-trichloro-	256	C12H7Cl3	038444-88-1	98
4	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	98
5	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	98





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Acq On : 18 Jan 2023 22:12
Operator : CG/JU
Sample : 01146-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

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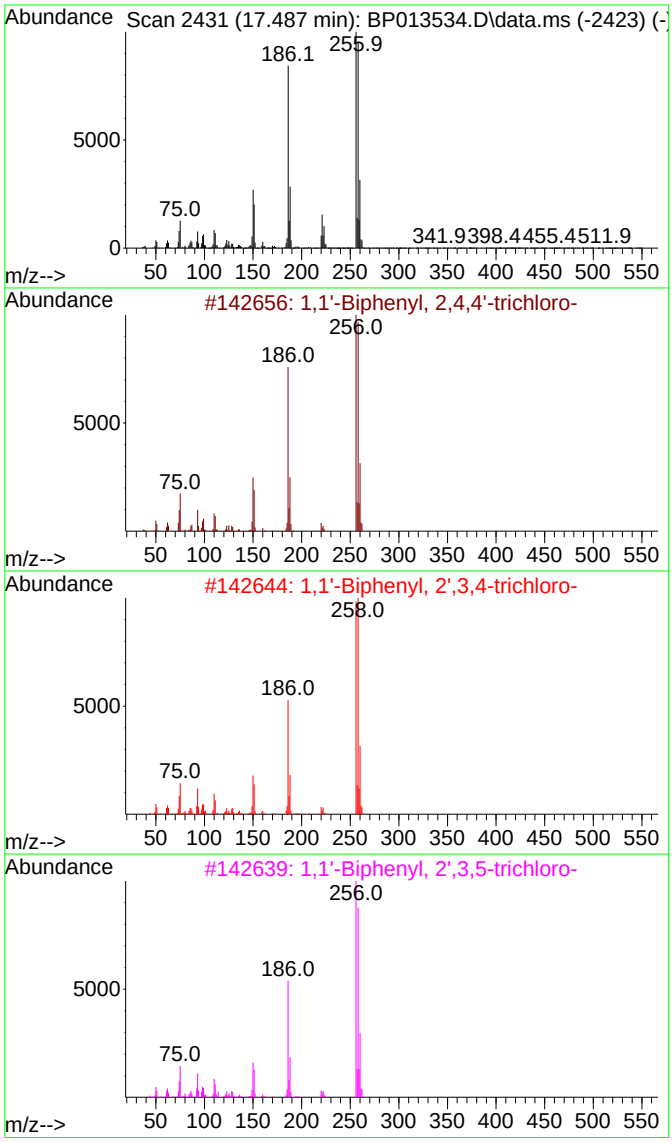
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

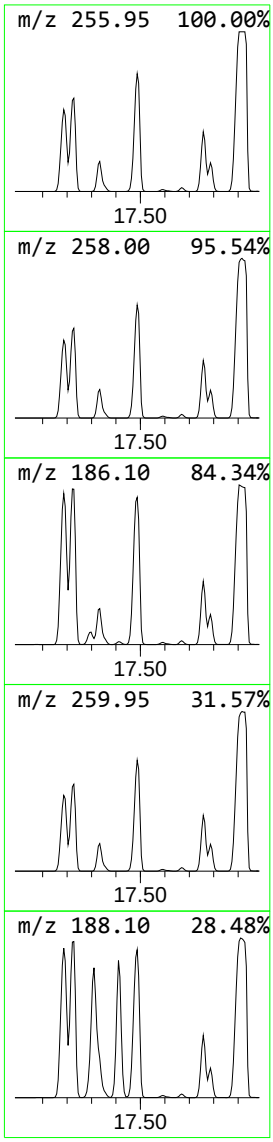
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 1,1'-Biphenyl, 2',3,4-trich... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.487	31.19 ng/ul	68261600	Phenanthrene-d10	17.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99
2	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	99
3	1,1'-Biphenyl, 2',3,5-trichloro-	256	C12H7Cl3	037680-68-5	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	99





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Acq On : 18 Jan 2023 22:12
Operator : CG/JU
Sample : 01146-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

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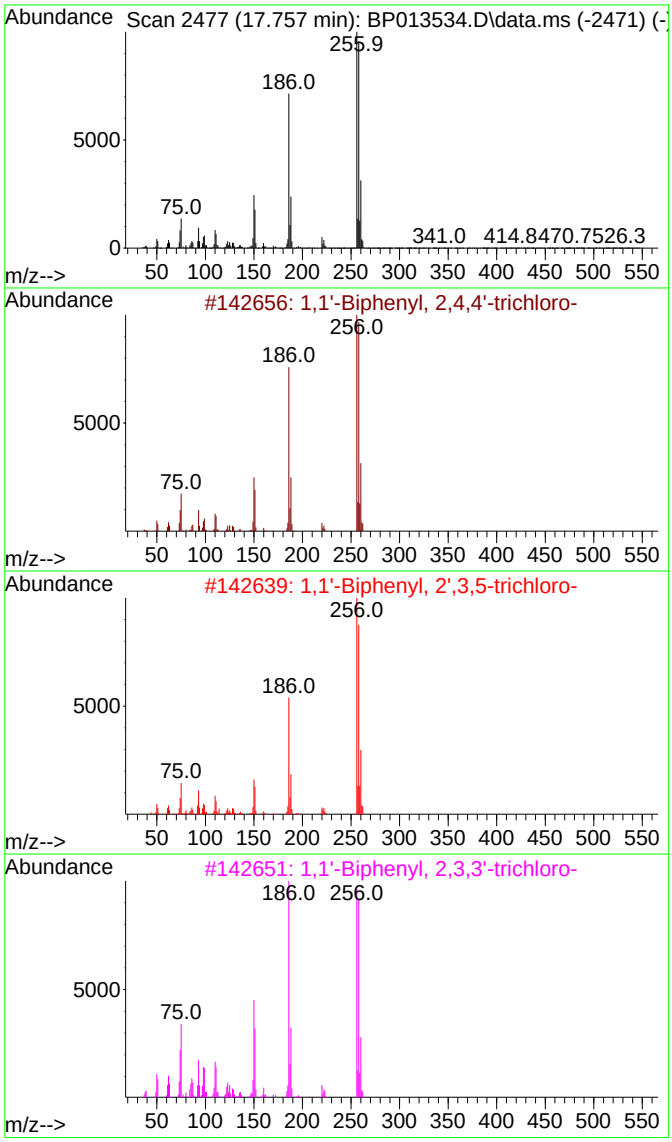
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

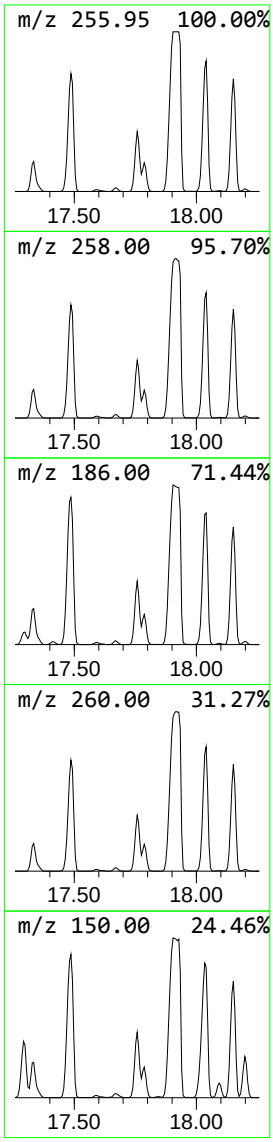
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 1,1'-Biphenyl, 2,3,3'-trich... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.757	12.03 ng/ul	26321800	Phenanthrene-d10	17.310

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, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	99
4	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	99
5	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	99





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Acq On : 18 Jan 2023 22:12
Operator : CG/JU
Sample : 01146-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4418

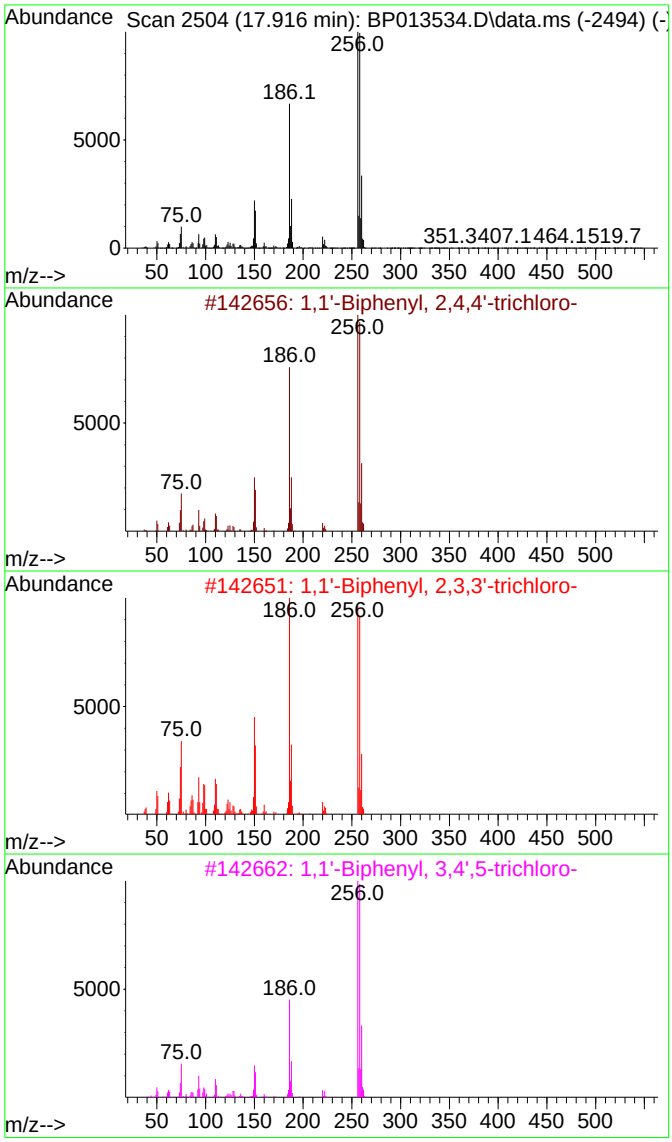
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

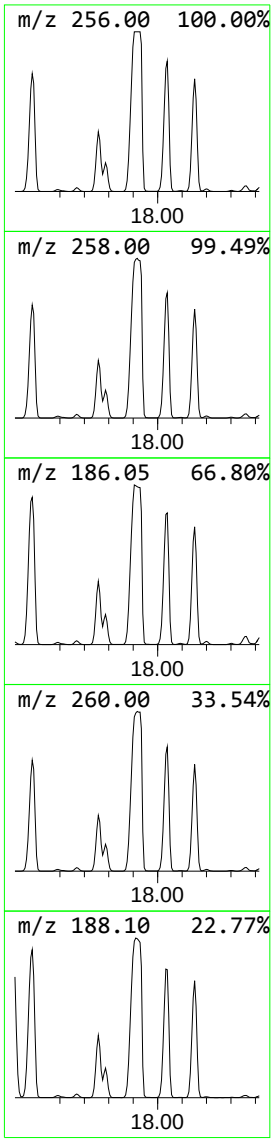
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.916	48.72 ng/ul	106620000	Phenanthrene-d10	17.310

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





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Data File : BP013534.D
Acq On : 18 Jan 2023 22:12
Operator : CG/JU
Sample : 01146-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

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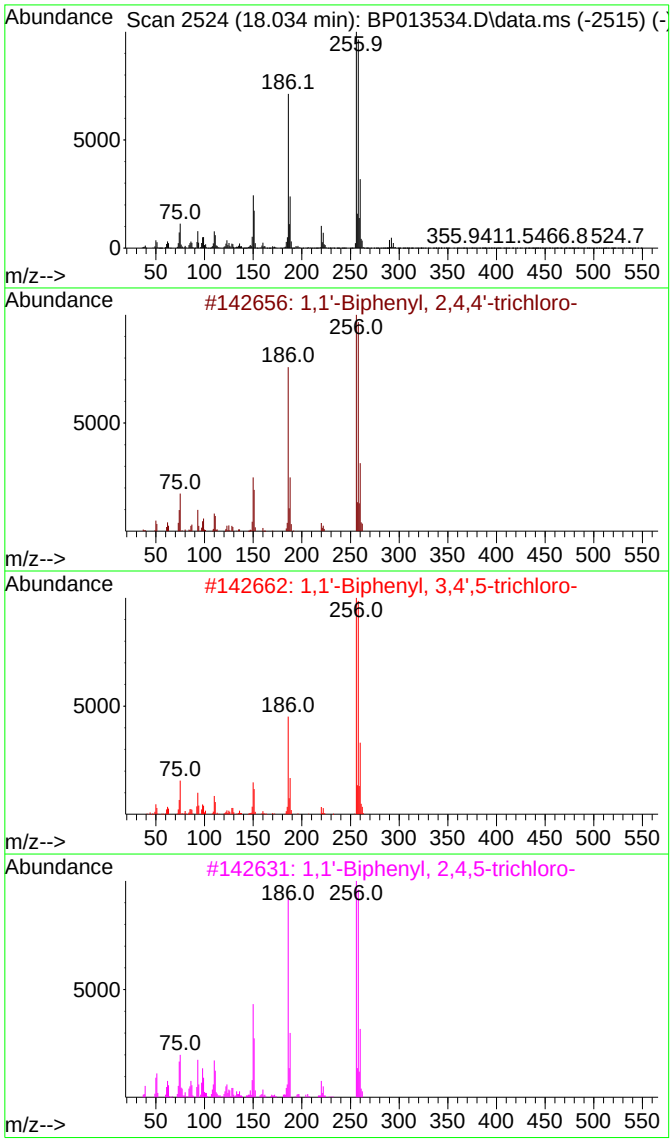
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

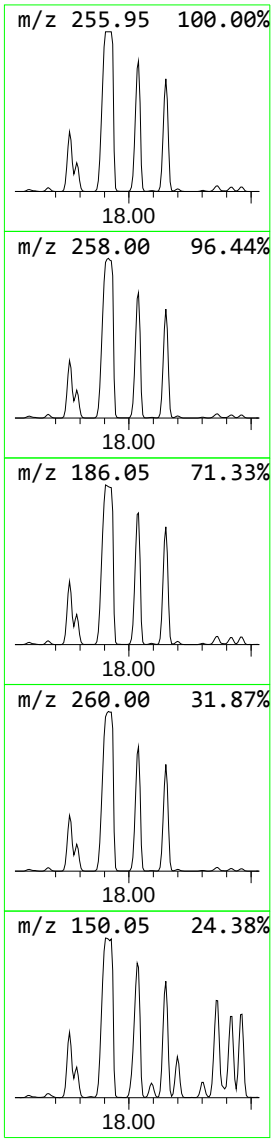
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 1,1'-Biphenyl, 2,4,5-trichl... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.034	31.82 ng/ul	69630000	Phenanthrene-d10	17.310

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, 2,4,5-trichloro-	256	C12H7Cl3	015862-07-4	99
4	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	99
5	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	99





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ALS Vial : 18 Sample Multiplier: 1

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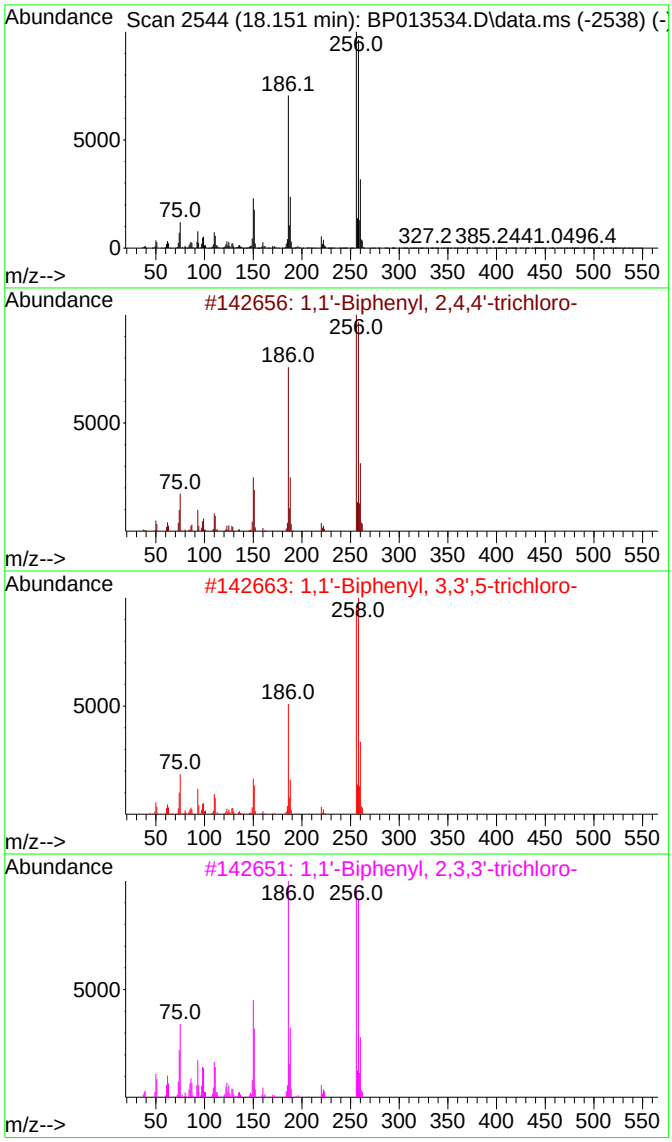
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

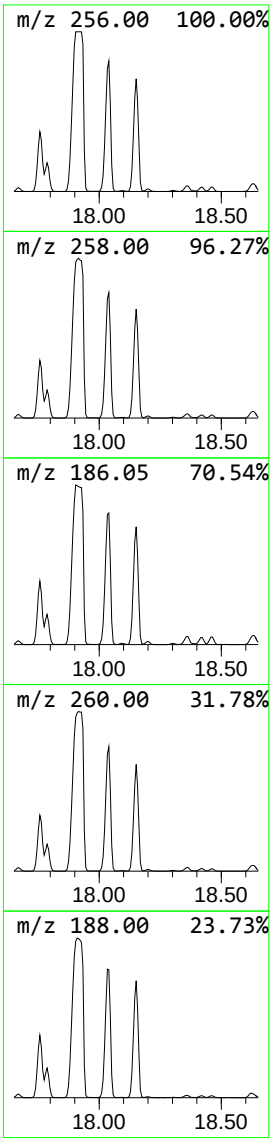
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 1,1'-Biphenyl, 3,3',5-trich... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.151	21.73 ng/ul	47550500	Phenanthrene-d10	17.310

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
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Acq On : 18 Jan 2023 22:12
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ALS Vial : 18 Sample Multiplier: 1

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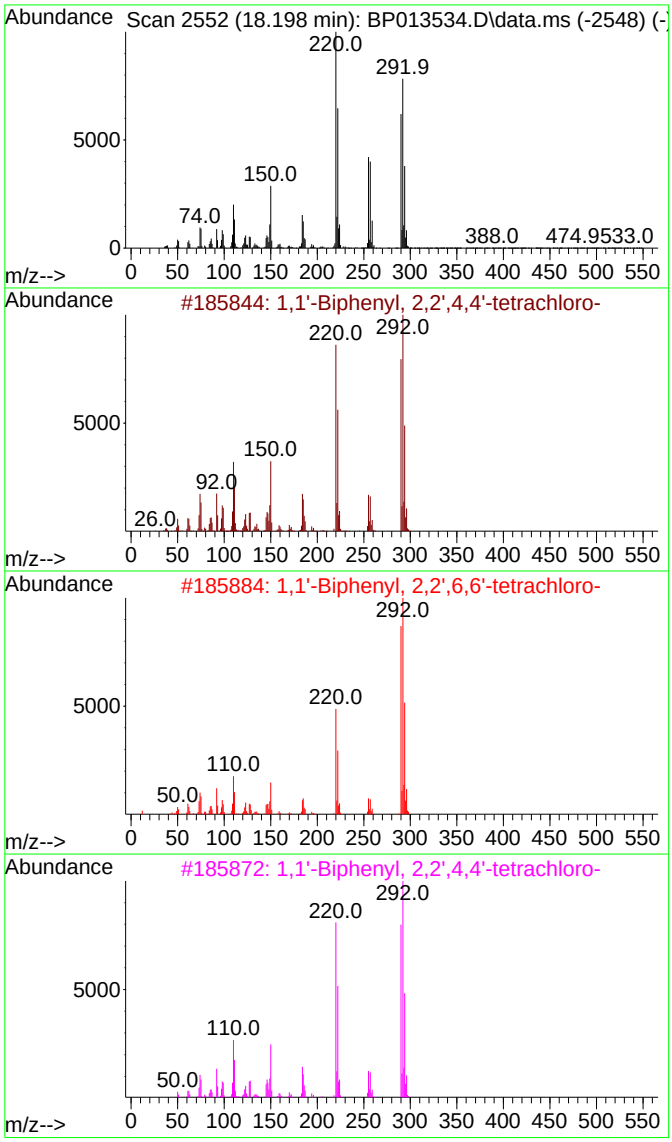
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

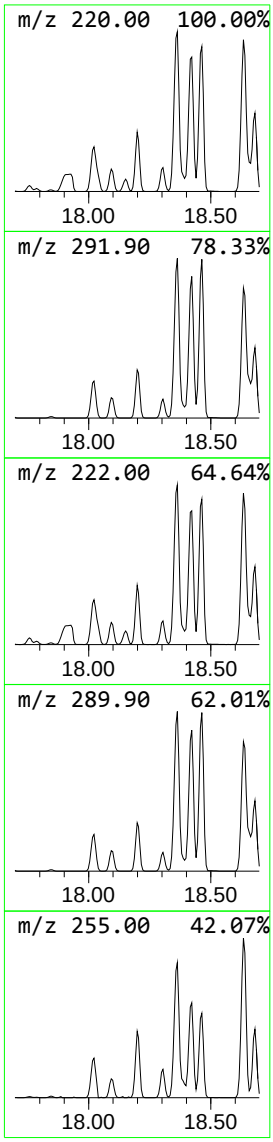
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 1,1'-Biphenyl, 2,2',4,4'-te... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.198	8.17 ng/ul	17885500	Phenanthrene-d10	17.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
2	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
3	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
4	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	98





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Acq On : 18 Jan 2023 22:12
Operator : CG/JU
Sample : 01146-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4418

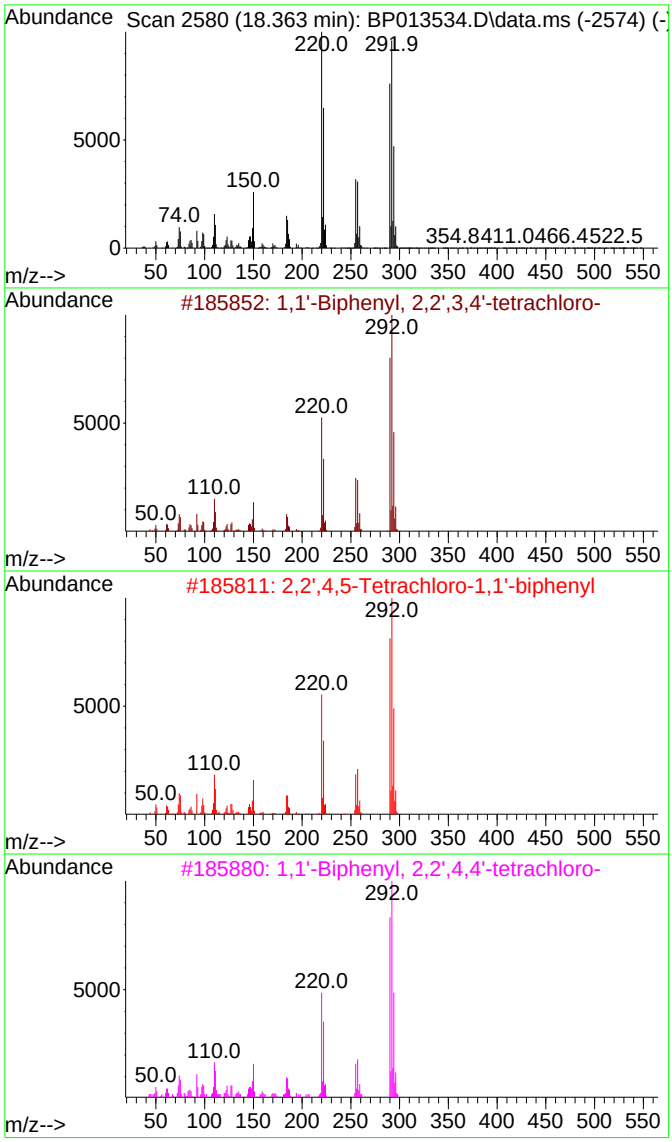
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

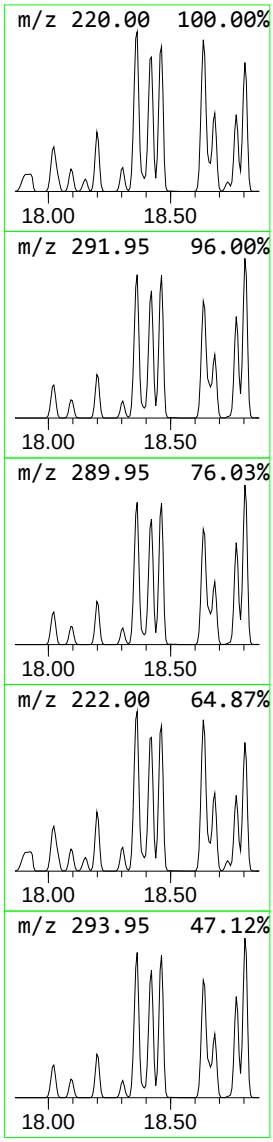
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 1,1'-Biphenyl, 2,2',3,4'-te... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.363	25.70 ng/ul	56249700	Phenanthrene-d10	17.310

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	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99
3	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	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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Acq On : 18 Jan 2023 22:12
Operator : CG/JU
Sample : 01146-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4418

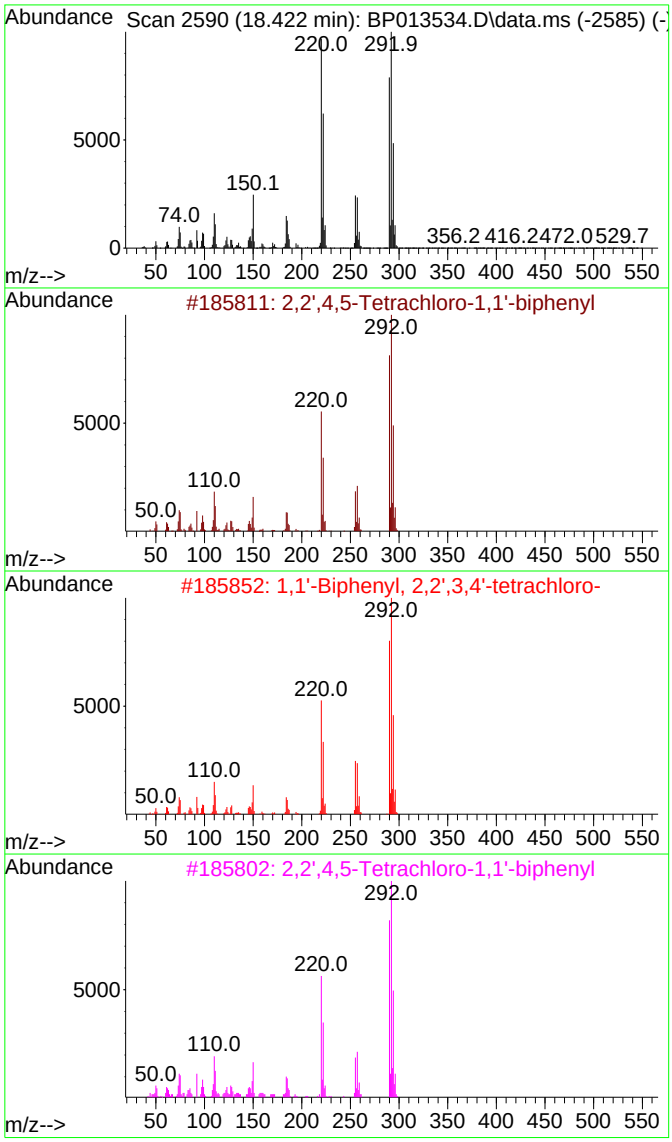
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

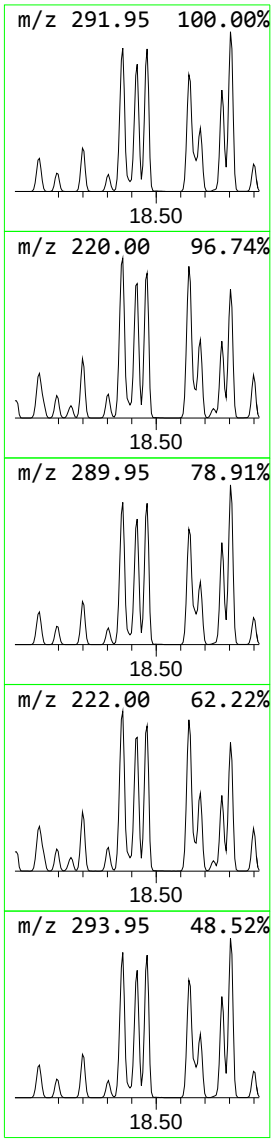
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 2,2',4,5-Tetrachloro-1,1'-b... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.422	20.17 ng/ul	44139600	Phenanthrene-d10	17.310

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





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Operator : CG/JU
Sample : 01146-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4418

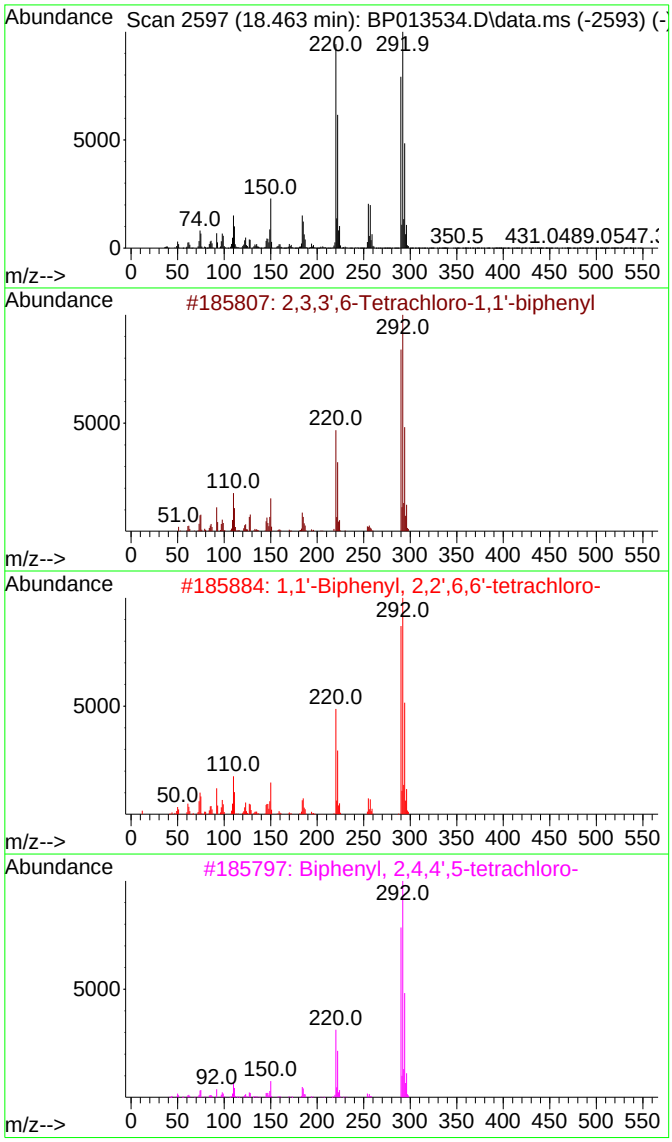
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

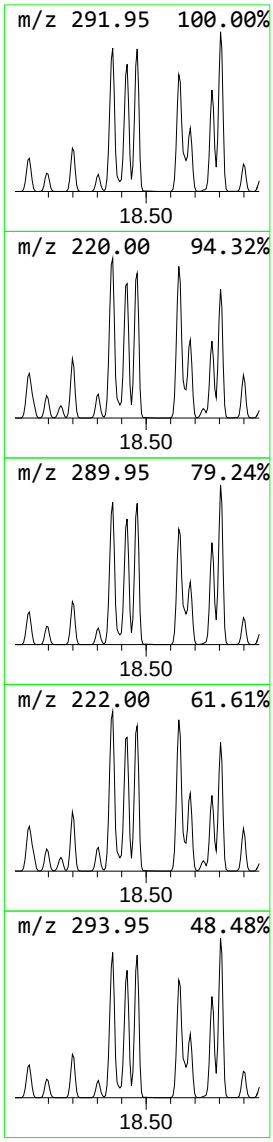
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 2,3,3',6-Tetrachloro-1,1'-b... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.463	19.72 ng/ul	43151500	Phenanthrene-d10	17.310

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',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
3	Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	99
4	2,3,3',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-33-6	99
5	1,1'-Biphenyl, 2,2',3,4'-tetrach...	290	C12H6Cl4	036559-22-5	99





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Acq On : 18 Jan 2023 22:12
Operator : CG/JU
Sample : 01146-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

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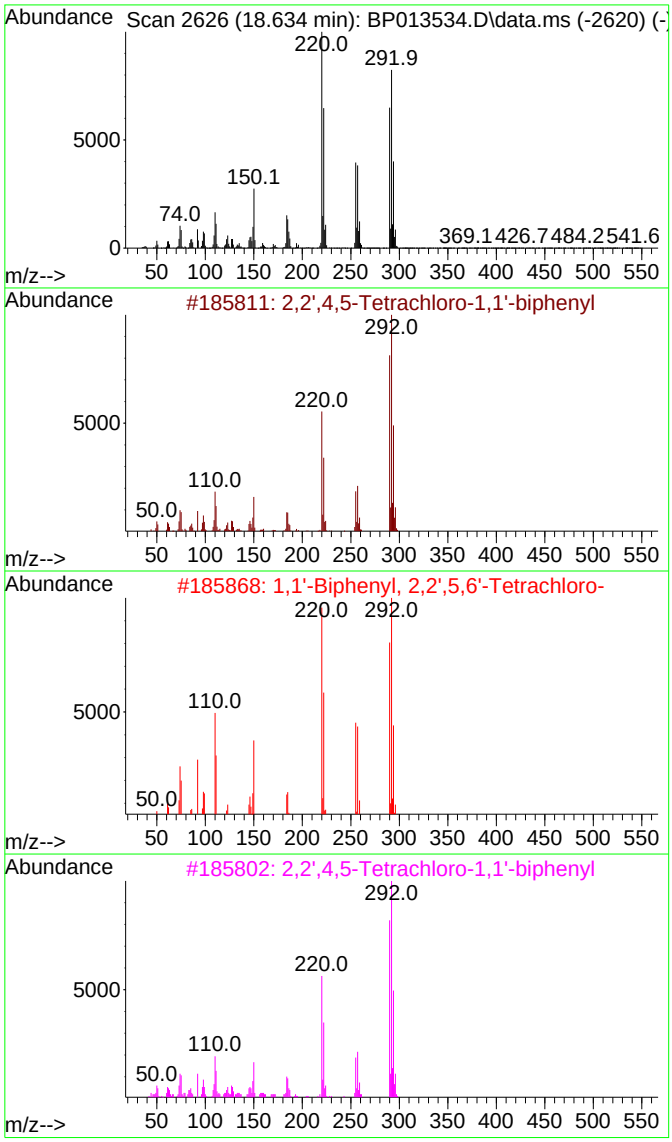
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

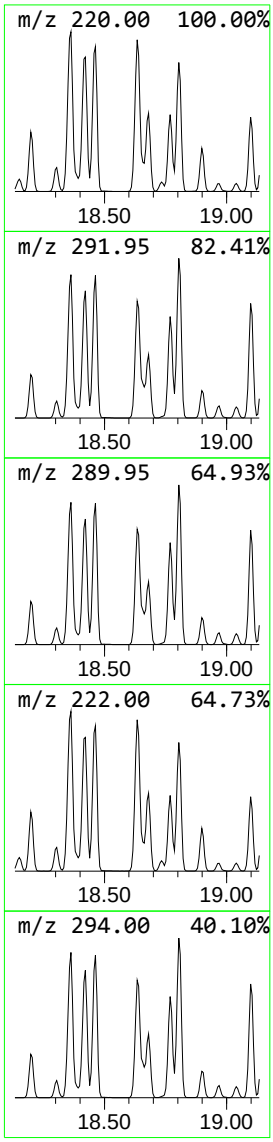
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 1,1'-Biphenyl, 2,2',5,6'-Te... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.634	25.49 ng/ul	55791800	Phenanthrene-d10	17.310

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',5,6'-Tetrach...	290	C12H6Cl4	041464-41-9	99
3	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99
4	2,2',4,6'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	068194-04-7	99
5	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99





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Operator : CG/JU
Sample : 01146-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

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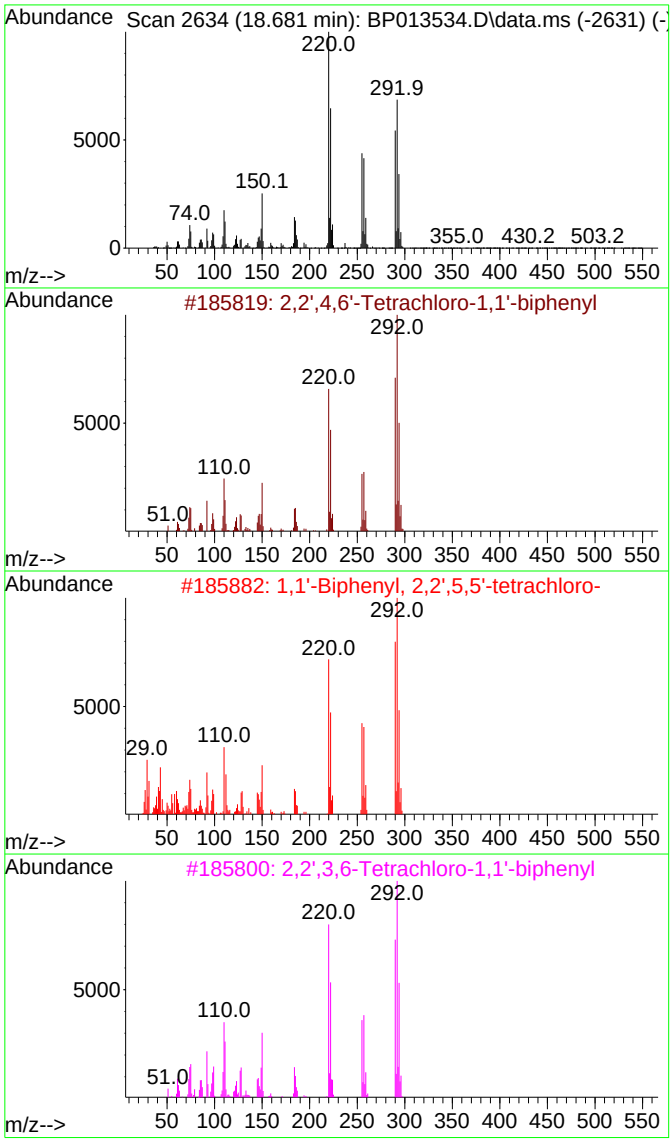
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

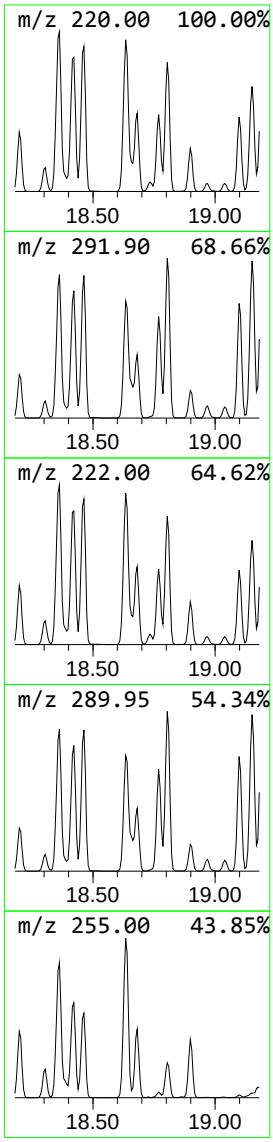
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 2,2',4,6'-Tetrachloro-1,1'-... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.681	10.92 ng/ul	23895600	Phenanthrene-d10	17.310

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',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	99
3	2,2',3,6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-45-7	99
4	1,1'-Biphenyl, 2,2',3,6'-tetrach...	290	C12H6Cl4	041464-47-5	99
5	1,1'-Biphenyl, 2,2',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	99





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Acq On : 18 Jan 2023 22:12
Operator : CG/JU
Sample : 01146-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

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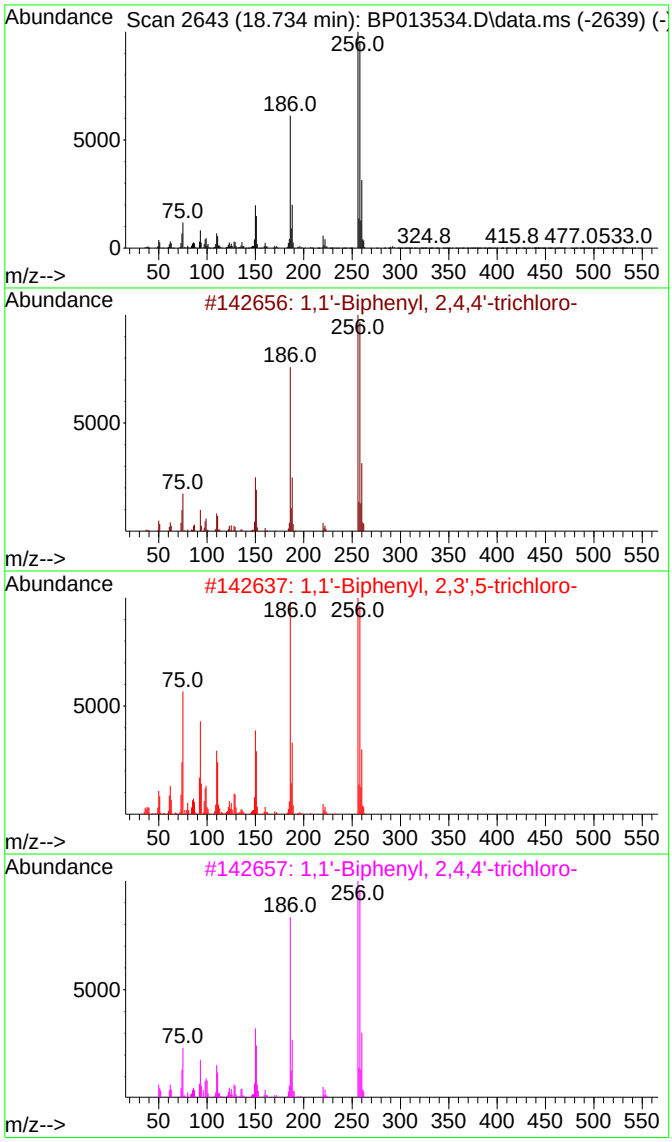
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

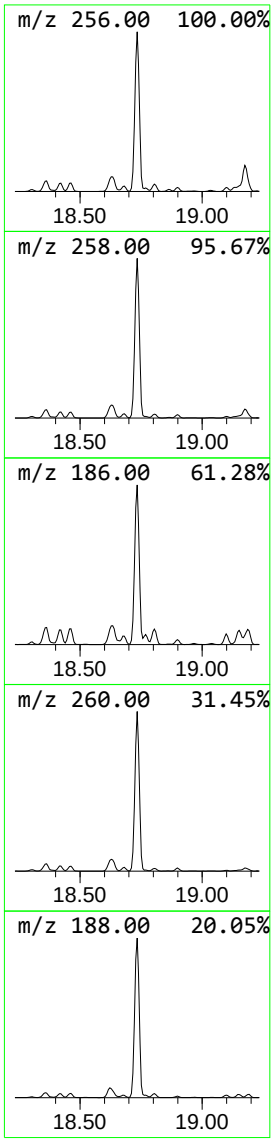
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 unknown-01 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.733	14.98 ng/ul	32783000	Phenanthrene-d10	17.310

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





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Acq On : 18 Jan 2023 22:12
Operator : CG/JU
Sample : 01146-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4418

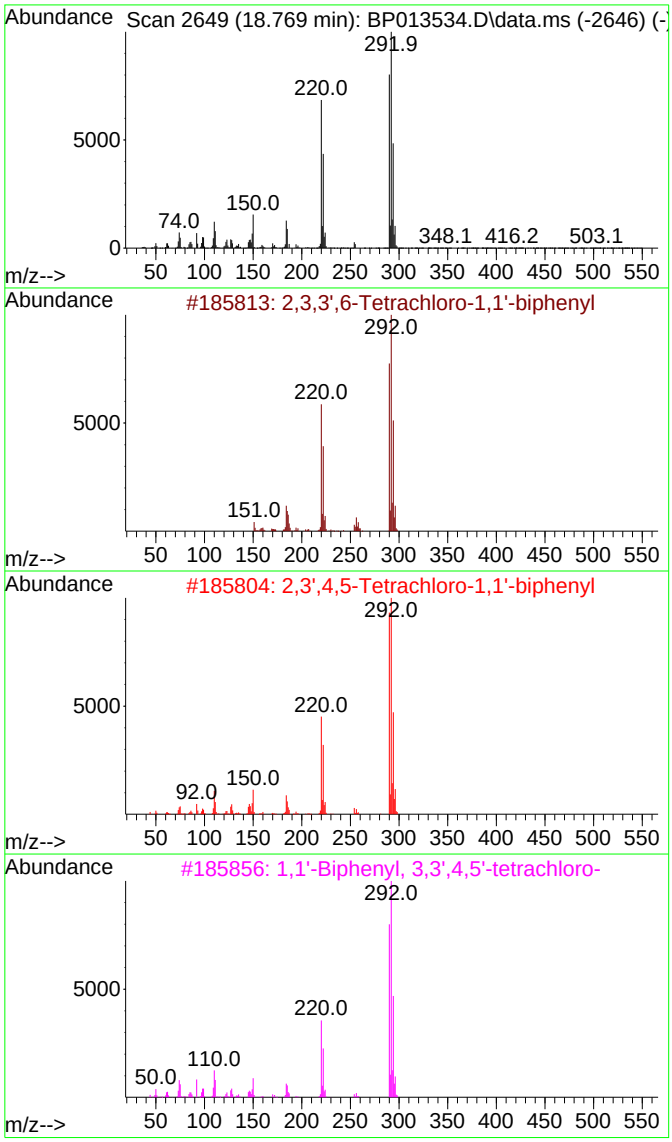
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

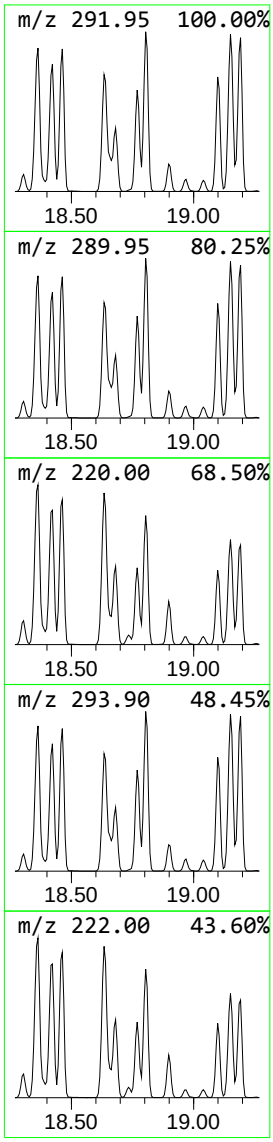
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 2,3',4,5-Tetrachloro-1,1'-b... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.769	11.59 ng/ul	25354500	Phenanthrene-d10	17.310

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	1,1'-Biphenyl, 3,3',4,5'-tetrach...	290	C12H6Cl4	041464-48-6	99
4	3,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-49-1	99
5	1,1'-Biphenyl, 2,3',4',6-tetrach...	290	C12H6Cl4	041464-46-4	99





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Operator : CG/JU
Sample : 01146-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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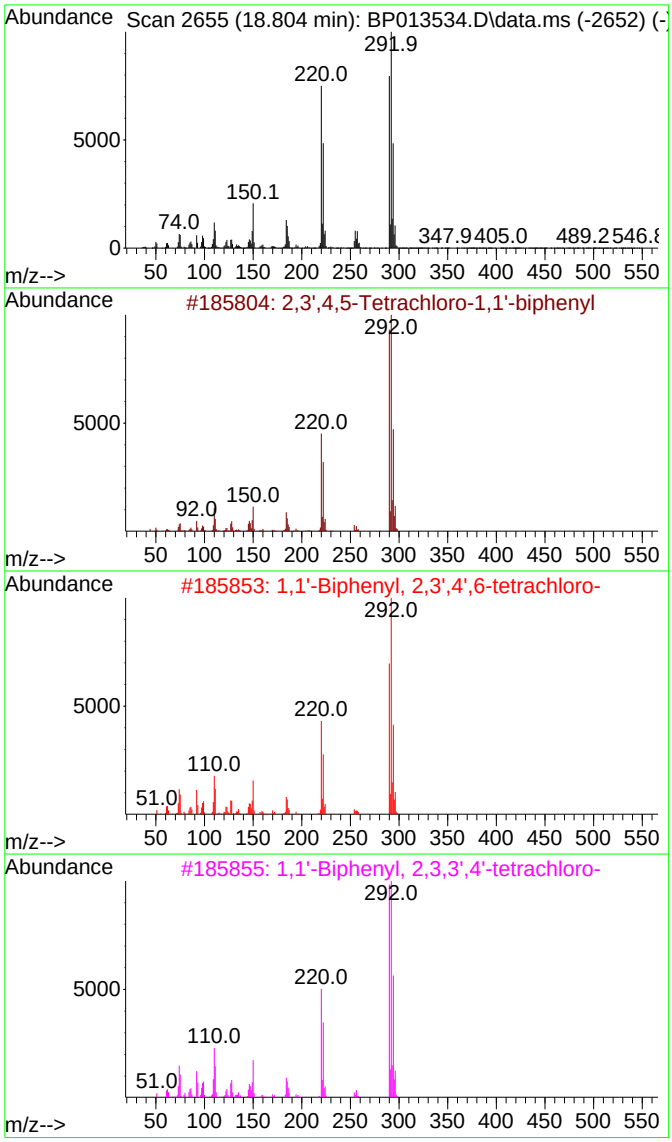
Quant Title : SVOA CALIBRATION

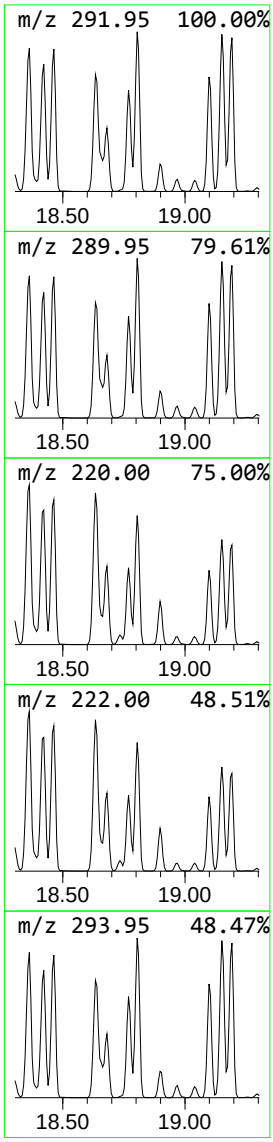
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 1,1'-Biphenyl, 2,3',4',6-te... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.804	18.53 ng/ul	40562300	Phenanthrene-d10	17.310

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',4',6-tetrach...	290	C12H6Cl4	041464-46-4	99
3	1,1'-Biphenyl, 2,3,3',4'-tetrach...	290	C12H6Cl4	041464-43-1	99
4	2,3',4,5'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	073575-52-7	99
5	1,1'-Biphenyl, 3,3',5,5'-tetrach...	290	C12H6Cl4	033284-52-5	99





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Operator : CG/JU
Sample : 01146-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

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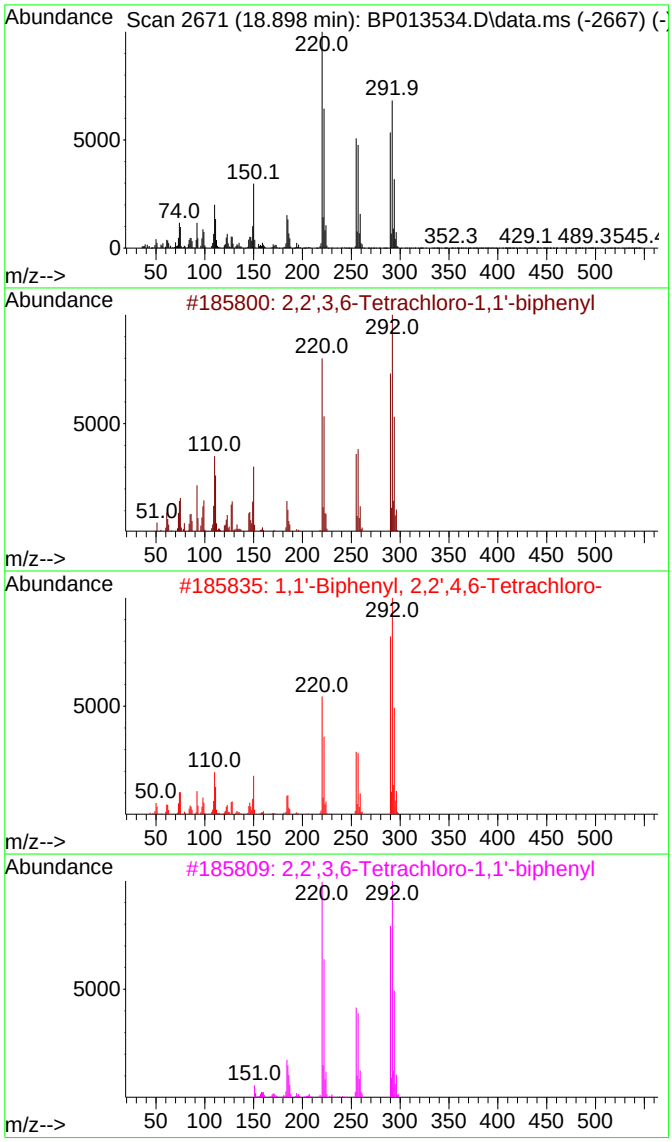
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

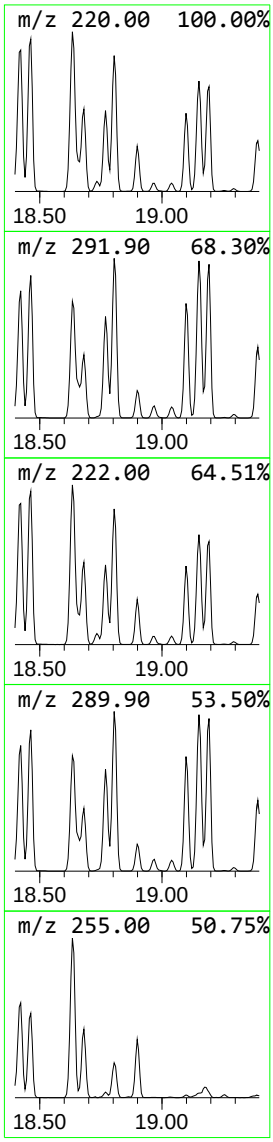
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 2,2',3,6-Tetrachloro-1,1'-b... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.898	5.79 ng/ul	12681100	Phenanthrene-d10	17.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-45-7	99
2	1,1'-Biphenyl, 2,2',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	99
3	2,2',3,6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-45-7	99
4	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
5	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99





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Data File : BP013534.D
Acq On : 18 Jan 2023 22:12
Operator : CG/JU
Sample : 01146-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4418

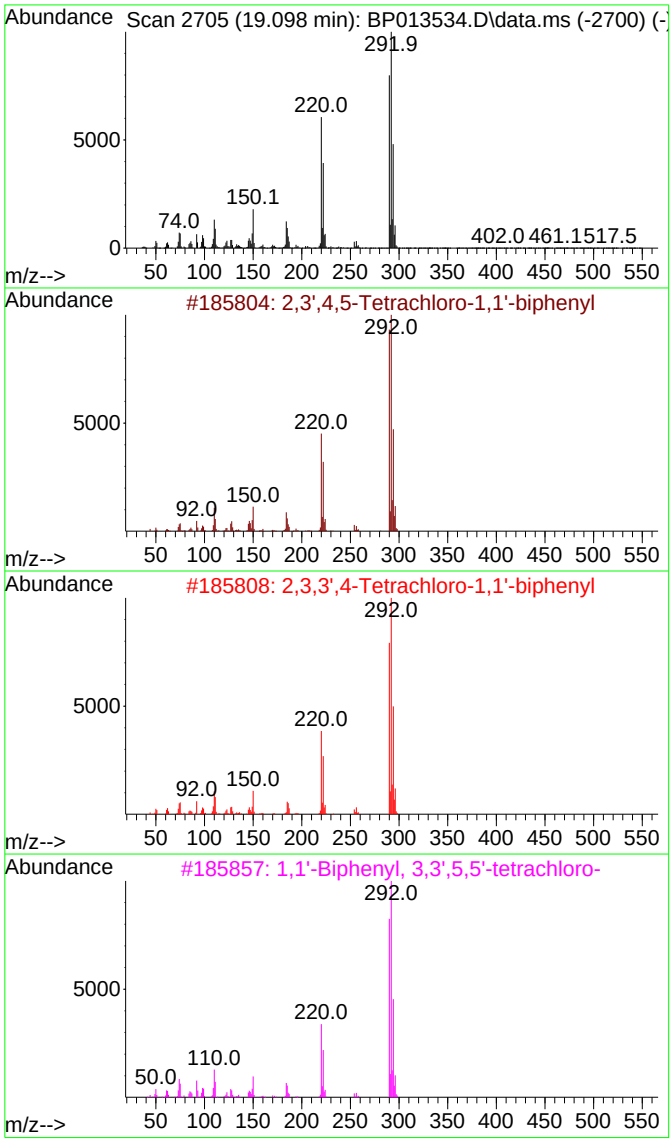
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

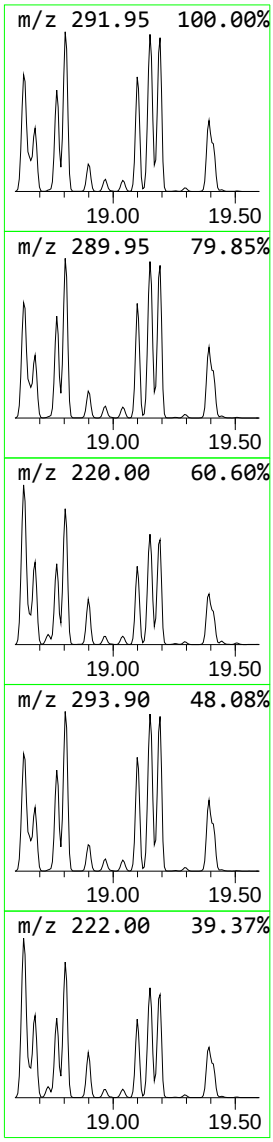
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 2,3,3',4-Tetrachloro-1,1'-b... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.098	12.47 ng/ul	27297500	Phenanthrene-d10	17.310

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	2,3,3',4-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074338-24-2	99
3	1,1'-Biphenyl, 3,3',5,5'-tetrach...	290	C12H6Cl4	033284-52-5	99
4	1,1'-Biphenyl, 3,3',4,5'-tetrach...	290	C12H6Cl4	041464-48-6	99
5	1,1'-Biphenyl, 2,3',4,6-Tetrachl...	290	C12H6Cl4	060233-24-1	99





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Data File : BP013534.D
Acq On : 18 Jan 2023 22:12
Operator : CG/JU
Sample : 01146-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4418

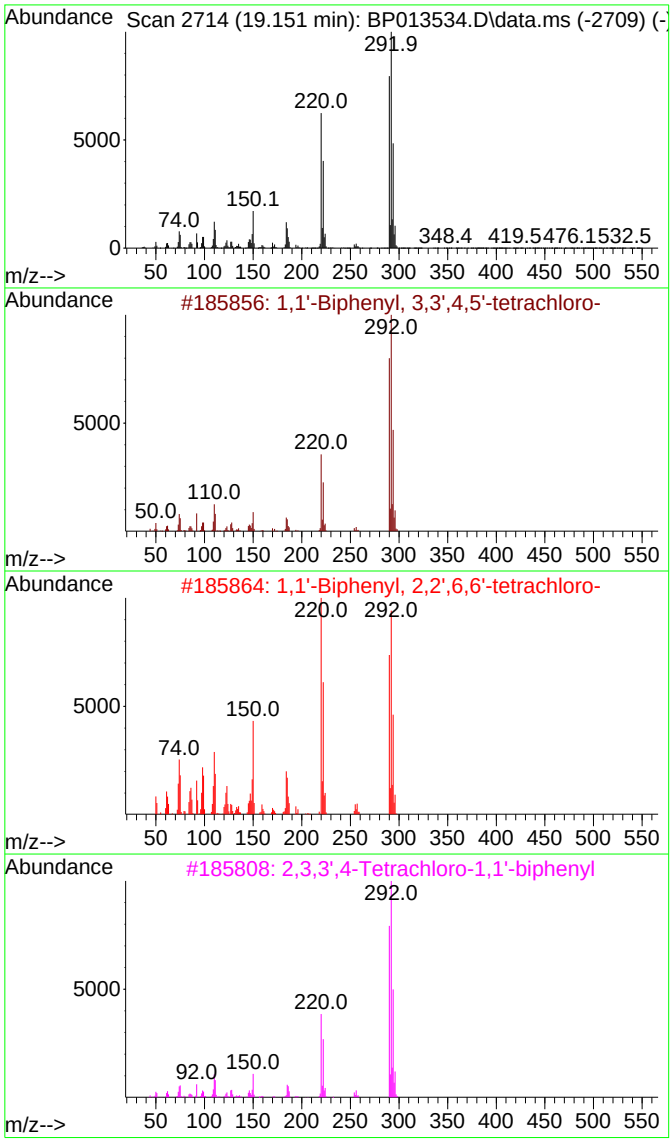
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

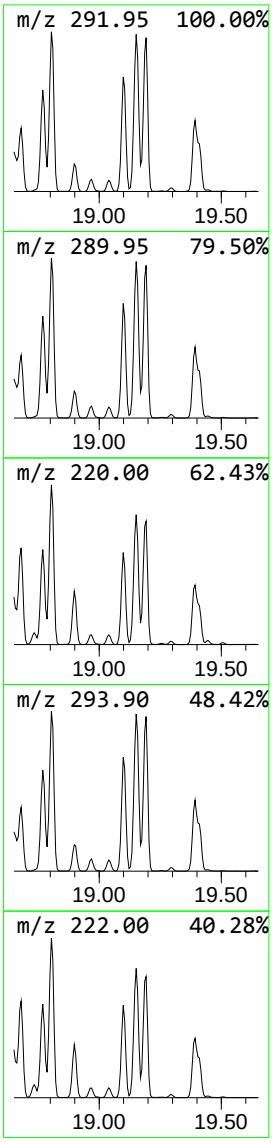
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 1,1'-Biphenyl, 3,3',4,5'-te... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.151	20.34 ng/ul	44508700	Phenanthrene-d10	17.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3,3',4,5'-tetrach...	290	C12H6Cl4	041464-48-6	99
2	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
3	2,3,3',4-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074338-24-2	99
4	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
5	1,1'-Biphenyl, 3,3',4,4'-tetrach...	290	C12H6Cl4	032598-13-3	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
Data File : BP013534.D
Acq On : 18 Jan 2023 22:12
Operator : CG/JU
Sample : 01146-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4418

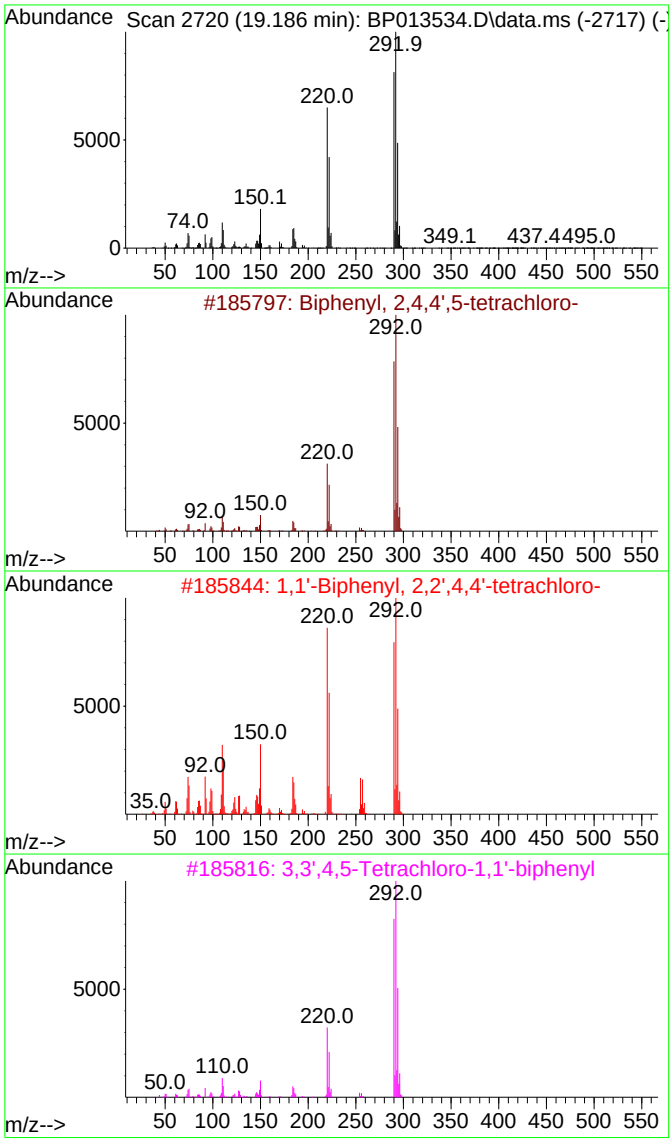
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

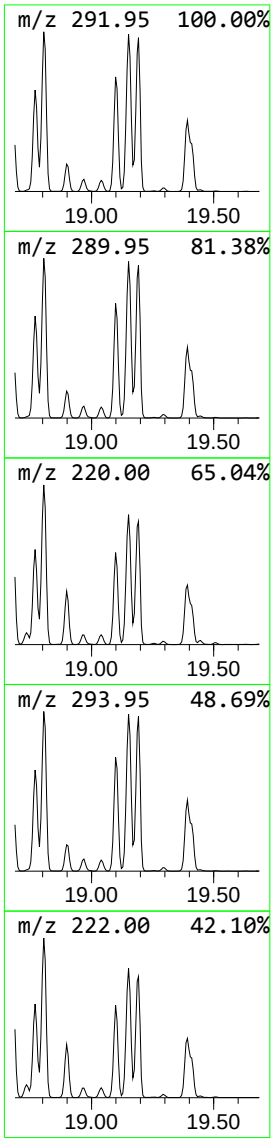
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 Biphenyl, 2,4,4',5-tetrachl... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.186	18.63 ng/ul	40771300	Phenanthrene-d10	17.310

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	3,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-49-1	99
4	1,1'-Biphenyl, 2,3',4',6-tetrach...	290	C12H6Cl4	041464-46-4	99
5	1,1'-Biphenyl, 3,3',4,5'-tetrach...	290	C12H6Cl4	041464-48-6	99





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Data File : BP013534.D
Acq On : 18 Jan 2023 22:12
Operator : CG/JU
Sample : 01146-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4418

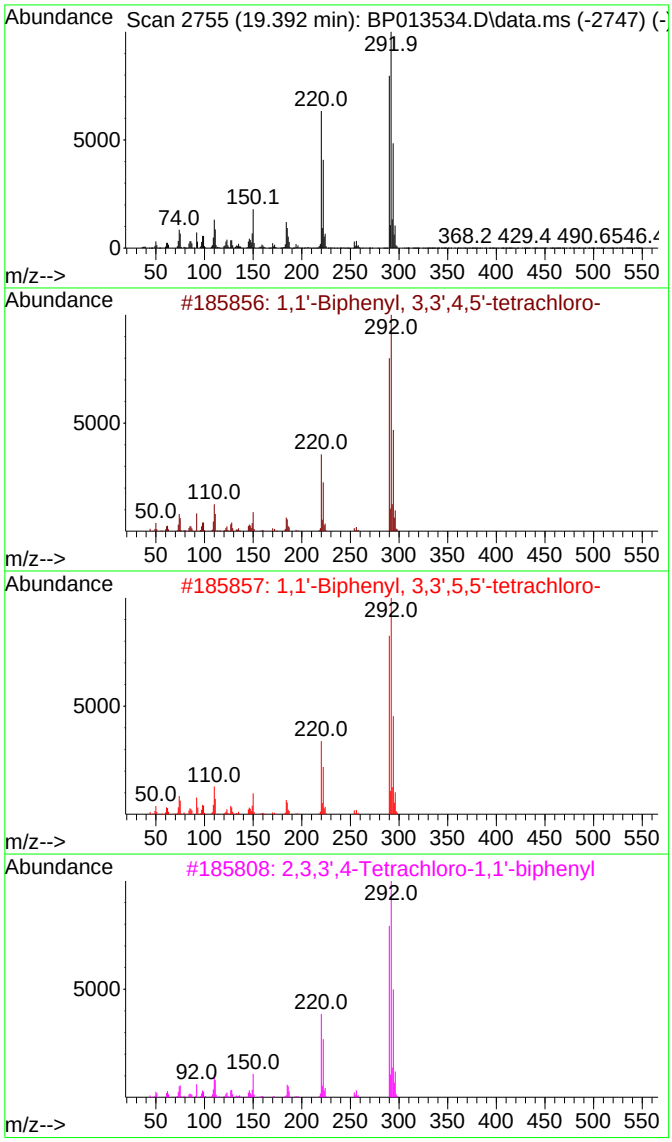
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

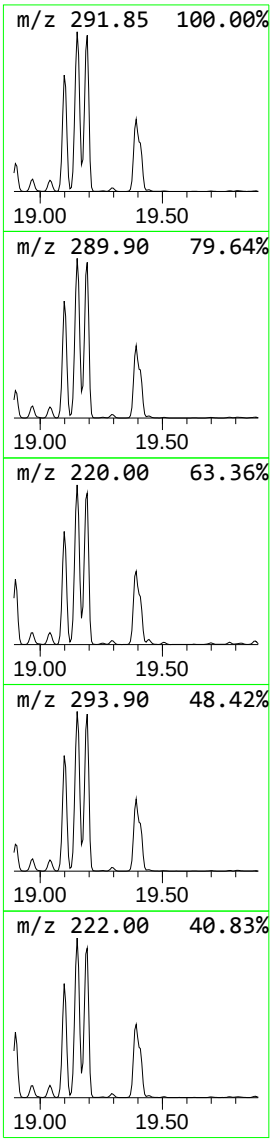
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 1,1'-Biphenyl, 3,3',5,5'-te... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.392	5.74 ng/ul	28462100	Chrysene-d12	21.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3,3',4,5'-tetrach...	290	C12H6Cl4	041464-48-6	99
2	1,1'-Biphenyl, 3,3',5,5'-tetrach...	290	C12H6Cl4	033284-52-5	99
3	2,3,3',4-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074338-24-2	99
4	2,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	073575-53-8	99
5	1,1'-Biphenyl, 2,3',4,6-Tetrachl...	290	C12H6Cl4	060233-24-1	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
Data File : BP013534.D
Acq On : 18 Jan 2023 22:12
Operator : CG/JU
Sample : 01146-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4418

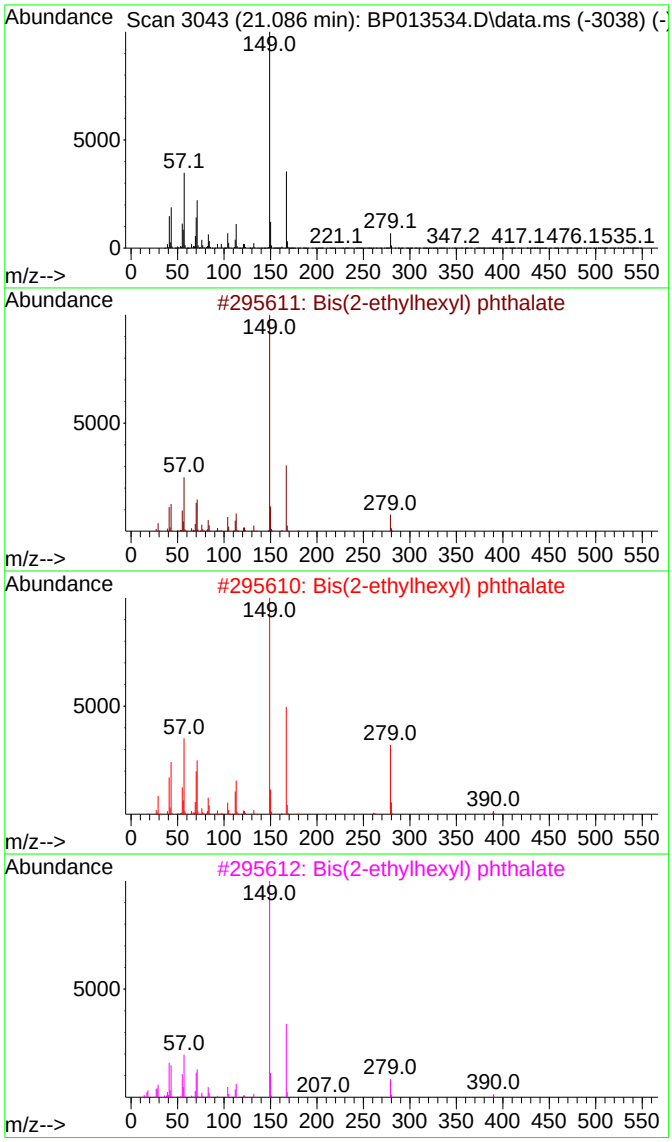
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

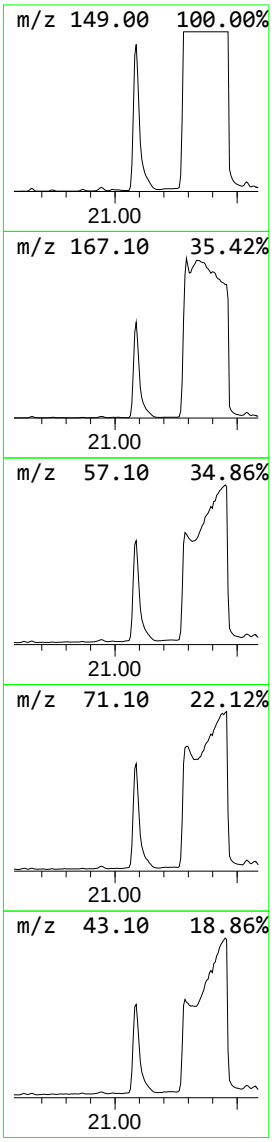
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 Phthalic acid, di(2-propylp... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.086	10.57 ng/ul	52376300	Chrysene-d12	21.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bis(2-ethylhexyl) phthalate	390	C24H38O4	000117-81-7	90
2	Bis(2-ethylhexyl) phthalate	390	C24H38O4	000117-81-7	90
3	Bis(2-ethylhexyl) phthalate	390	C24H38O4	000117-81-7	87
4	Bis(2-ethylhexyl) phthalate	390	C24H38O4	000117-81-7	87
5	Phthalic acid, di(2-propylpentyl...	390	C24H38O4	1000377-93-5	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
Data File : BP013534.D
Acq On : 18 Jan 2023 22:12
Operator : CG/JU
Sample : 01146-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4418

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
1,1'-Biphenyl, ...	14.663	4.9	ng/ul	4850990	3	14.546	19940500	20.0
9H-Fluorene, 9-...	15.751	11.2	ng/ul	11194800	3	14.546	19940500	20.0
1,1'-Biphenyl, ...	15.822	175.9	ng/ul	175422000	3	14.546	19940500	20.0
1,1'-Biphenyl, ...	16.151	51.1	ng/ul	111812000	4	17.310	43770300	20.0
1,1'-Biphenyl, ...	16.416	11.7	ng/ul	25545200	4	17.310	43770300	20.0
1,1'-Biphenyl, ...	16.540	36.4	ng/ul	79670700	4	17.310	43770300	20.0
1,1'-Biphenyl, ...	16.834	16.2	ng/ul	35407500	4	17.310	43770300	20.0
1,1'-Biphenyl, ...	16.898	5.0	ng/ul	10936300	4	17.310	43770300	20.0
1,1'-Biphenyl, ...	17.187	30.6	ng/ul	66856100	4	17.310	43770300	20.0
1,1'-Biphenyl, ...	17.222	26.3	ng/ul	57598200	4	17.310	43770300	20.0
1,1'-Biphenyl, ...	17.487	31.2	ng/ul	68261600	4	17.310	43770300	20.0
1,1'-Biphenyl, ...	17.757	12.0	ng/ul	26321800	4	17.310	43770300	20.0
1,1'-Biphenyl, ...	17.916	48.7	ng/ul	106620000	4	17.310	43770300	20.0
1,1'-Biphenyl, ...	18.034	31.8	ng/ul	69630000	4	17.310	43770300	20.0
1,1'-Biphenyl, ...	18.151	21.7	ng/ul	47550500	4	17.310	43770300	20.0
1,1'-Biphenyl, ...	18.198	8.2	ng/ul	17885500	4	17.310	43770300	20.0
1,1'-Biphenyl, ...	18.363	25.7	ng/ul	56249700	4	17.310	43770300	20.0
2,2',4,5-Tetrac...	18.422	20.2	ng/ul	44139600	4	17.310	43770300	20.0
2,3,3',6-Tetrac...	18.463	19.7	ng/ul	43151500	4	17.310	43770300	20.0
1,1'-Biphenyl, ...	18.634	25.5	ng/ul	55791800	4	17.310	43770300	20.0
2,2',4,6'-Tetra...	18.681	10.9	ng/ul	23895600	4	17.310	43770300	20.0
unknown-01	18.733	15.0	ng/ul	32783000	4	17.310	43770300	20.0
2,3',4,5-Tetrac...	18.769	11.6	ng/ul	25354500	4	17.310	43770300	20.0
1,1'-Biphenyl, ...	18.804	18.5	ng/ul	40562300	4	17.310	43770300	20.0
2,2',3,6-Tetrac...	18.898	5.8	ng/ul	12681100	4	17.310	43770300	20.0
2,3,3',4-Tetrac...	19.098	12.5	ng/ul	27297500	4	17.310	43770300	20.0
1,1'-Biphenyl, ...	19.151	20.3	ng/ul	44508700	4	17.310	43770300	20.0
Biphenyl, 2,4,4...	19.186	18.6	ng/ul	40771300	4	17.310	43770300	20.0
1,1'-Biphenyl, ...	19.392	5.7	ng/ul	28462100	5	21.392	99093700	20.0
Phthalic acid, ...	21.086	10.6	ng/ul	52376300	5	21.392	99093700	20.0