LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
Data File : BP013533.D
Acq On : 18 Jan 2023 21:38
Operator : CG/JU
Sample : 01146-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4412

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: BP013533.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.293	15	18	25	rVB	107611	142954	0.15%	0.037%
2	3.728	89	92	102	rBV	437352	656128	0.70%	0.170%
3	4.975	300	304	312	rBV	106883	167979	0.18%	0.044%
4	7.057	652	658	673	rVB	1415851	2271680	2.42%	0.589%
5	7.228	680	687	698	rBV	1091428	1690530	1.80%	0.438%
6	7.428	714	721	729	rBV	1399297	2231575	2.38%	0.579%
7	7.898	793	801	808	rBV	1690134	2617200	2.79%	0.678%
8	8.610	915	922	934	rBV	1706377	2690463	2.87%	0.697%
9	9.063	992	999	1012	rBV	1262671	2084211	2.22%	0.540%
10	9.787	1115	1122	1135	rBV	1077131	1789730	1.91%	0.464%
11	10.328	1206	1214	1230	rBV	1674351	2788825	2.97%	0.723%
12	10.710	1272	1279	1289	rVB	2088585	3522112	3.75%	0.913%
13	10.851	1294	1303	1319	rBV	988414	1746053	1.86%	0.453%
14	12.945	1654	1659	1665	rVB	87349	124497	0.13%	0.032%
15	13.186	1695	1700	1703	rBV	76412	107068	0.11%	0.028%
16	13.951	1821	1830	1842	rBV	2702705	3625865	3.86%	0.940%
17	14.239	1872	1879	1889	rBV	3052280	4574337	4.87%	1.186%
18	14.545	1924	1931	1940	rVB	2928524	4550459	4.85%	1.180%
19	14.663	1947	1951	1958	rVB2	109269	153542	0.16%	0.040%
20	14.751	1958	1966	1978	rBV	886309	1543284	1.64%	0.400%
21	15.375	2068	2072	2078	rVB	100873	140572	0.15%	0.036%
22	15.492	2086	2092	2095	rBV	392812	565328	0.60%	0.147%
23	15.539	2095	2100	2105	rVV	3995019	5633414	6.00%	1.460%
24	15.586	2105	2108	2116	rVV2	205987	326357	0.35%	0.085%
25	15.663	2116	2121	2131	rVV	1137229	1516679	1.62%	0.393%
26	15.751	2131	2136	2139	rVV	449364	647087	0.69%	0.168%
27	15.798	2139	2144	2145	rVV	8158255	9464008	10.08%	2.453%
28	15.827	2145	2149	2156	rVV	19259204	27594336	29.39%	7.154%
29	15.904	2156	2162	2168	rVB	431989	627530	0.67%	0.163%
30	16.133	2195	2201	2207	rVV	13260418	17475420	18.61%	4.530%
31	16.186	2207	2210	2214	rVV	164649	206011	0.22%	0.053%
32	16.239	2214	2219	2228	rVB2	296520	435877	0.46%	0.113%
33	16.357	2234	2239	2243	rBV	679928	909461	0.97%	0.236%
34	16.410	2243	2248	2251	rVV	924018	1309906	1.40%	0.340%
35	16.439	2251	2253	2258	rVB	322750	359361	0.38%	0.093%
36	16.527	2262	2268	2275	rVV	5388176	7747819	8.25%	2.009%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
Data File : BP013533.D
Acq On : 18 Jan 2023 21:38
Operator : CG/JU
Sample : 01146-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4412

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	16.663	2287	2291	2299	rVB	122742	173983	0.19%	0.045%
38	16.827	2313	2319	2325	rVB	4983192	6540880	6.97%	1.696%
39	16.892	2325	2330	2336	rVB2	126434	175880	0.19%	0.046%
40	17.174	2372	2378	2381	rBV	3197839	4420436	4.71%	1.146%
41	17.216	2381	2385	2390	rVV	4600895	6191245	6.59%	1.605%
42	17.298	2391	2399	2411	rVV3	3886067	10013304	10.67%	2.596%
43	17.404	2411	2417	2423	rVV	4112457	5844371	6.23%	1.515%
44	17.480	2423	2430	2436	rVB	8235614	11602482	12.36%	3.008%
45	17.633	2452	2456	2459	rVV	83738	98537	0.10%	0.026%
46	17.680	2459	2464	2470	rVB3	80967	161043	0.17%	0.042%
47	17.751	2471	2476	2479	rBV	1559510	2058324	2.19%	0.534%
48	17.780	2479	2481	2487	rVB	587854	684529	0.73%	0.177%
49	17.904	2494	2502	2509	rVB	12425336	22962696	24.46%	5.953%
50	18.021	2515	2522	2527	rBV2	3538070	5922132	6.31%	1.535%
51	18.086	2529	2533	2537	rVV	853080	1050960	1.12%	0.272%
52	18.139	2537	2542	2546	rVV	3685338	4769442	5.08%	1.236%
53	18.192	2546	2551	2558	rVB2	1900825	2751216	2.93%	0.713%
54	18.298	2564	2569	2573	rBV	655974	868542	0.93%	0.225%
55	18.351	2573	2578	2584	rVV	6452524	8759002	9.33%	2.271%
56	18.410	2584	2588	2592	rVV	5283311	6773468	7.22%	1.756%
57	18.451	2592	2595	2601	rVB	5438994	6586525	7.02%	1.707%
58	18.627	2620	2625	2630	rVV	5240260	7633994	8.13%	1.979%
59	18.674	2630	2633	2637	rVV	2640361	3205650	3.41%	0.831%
60	18.727	2637	2642	2645	rVV	1774675	2422441	2.58%	0.628%
61	18.763	2645	2648	2651	rVV	3172460	3972607	4.23%	1.030%
62	18.798	2651	2654	2661	rVB	5572233	6538579	6.96%	1.695%
63	18.863	2662	2665	2666	rVV	93229	99821	0.11%	0.026%
64	18.892	2666	2670	2675	rVB	1030072	1312176	1.40%	0.340%
65	18.963	2679	2682	2686	rVB	219809	259275	0.28%	0.067%
66	19.039	2691	2695	2700	rVB	217214	263675	0.28%	0.068%
67	19.092	2700	2704	2708	rBV	1690002	2149750	2.29%	0.557%
68	19.145	2708	2713	2715	rVV	1802749	2255134	2.40%	0.585%
69	19.180	2715	2719	2723	rVB2	1954337	3083841	3.28%	0.799%
70	19.251	2728	2731	2734	rBV	271730	340545	0.36%	0.088%
71	19.386	2751	2754	2755	rBV	301144	303631	0.32%	0.079%
72	19.404	2755	2757	2760	rVV2	457468	525976	0.56%	0.136%
73	19.439	2760	2763	2770	rVB2	340370	479660	0.51%	0.124%
74	19.639	2791	2797	2803	rBV	5494514	7504796	7.99%	1.946%
75	20.527	2945	2948	2952	rBV	317148	363416	0.39%	0.094%
76	21.080	3038	3042	3053	rBV2	3589453	5015739	5.34%	1.300%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
Data File : BP013533.D
Acq On : 18 Jan 2023 21:38
Operator : CG/JU
Sample : 01146-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4412

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	21.292	3073	3078	3082	rBV3	42098991	93878796	100.00%	24.337%
78	21.392	3091	3095	3102	rVB	4607752	5783939	6.16%	1.499%
79	23.686	3479	3485	3493	rVB2	4625688	9308506	9.92%	2.413%
80	23.845	3507	3512	3523	rVB2	3413458	6595986	7.03%	1.710%

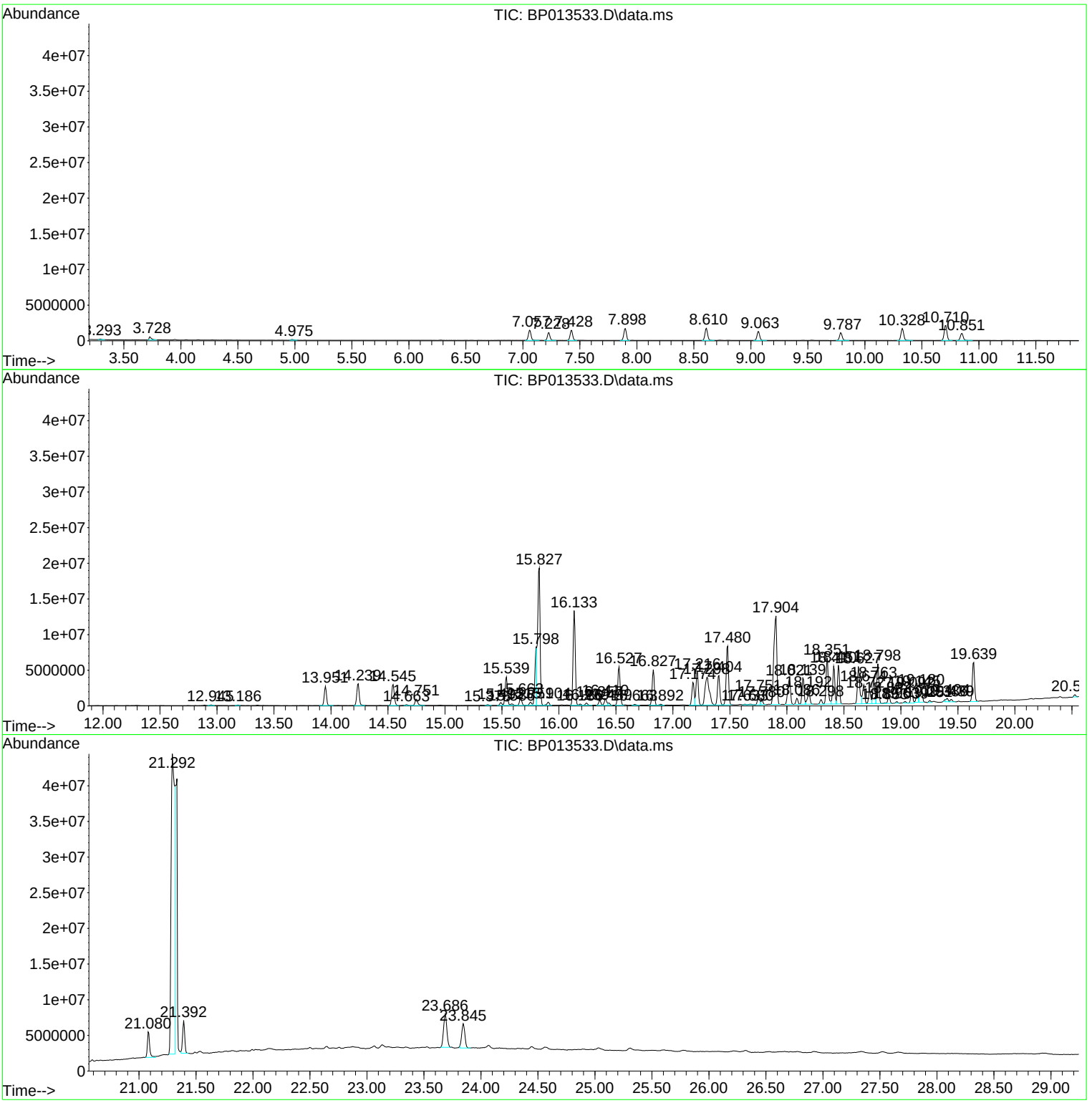
Sum of corrected areas: 385744588

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
Data File : BP013533.D
Acq On : 18 Jan 2023 21:38
Operator : CG/JU
Sample : 01146-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4412

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 : BP013533.D
Acq On : 18 Jan 2023 21:38
Operator : CG/JU
Sample : 01146-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4412

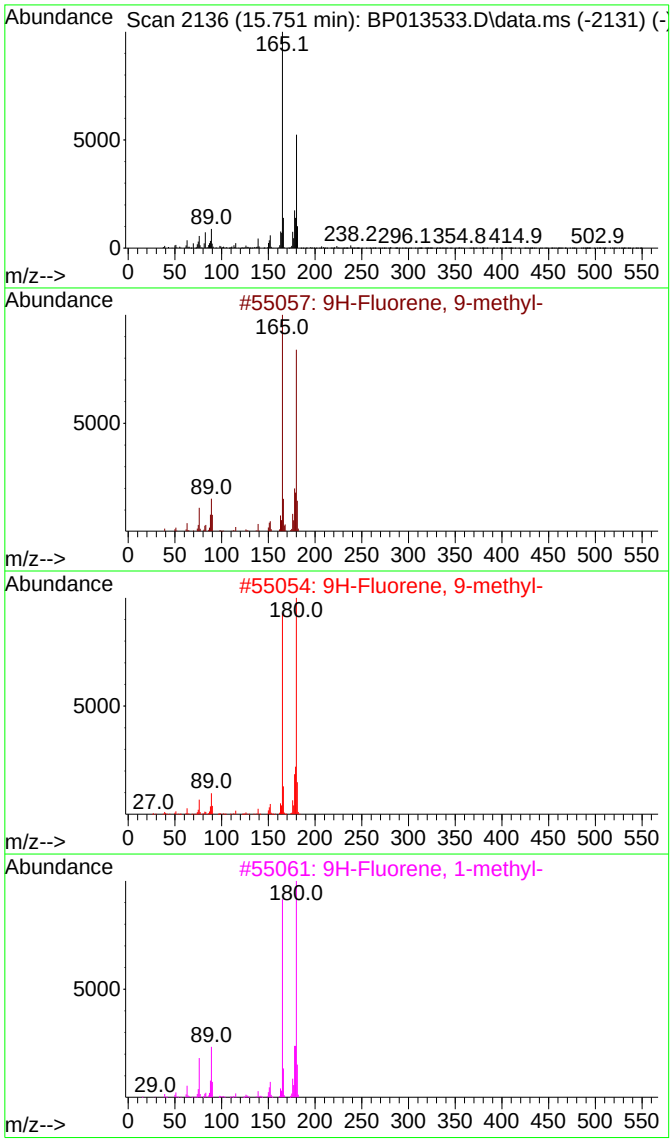
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

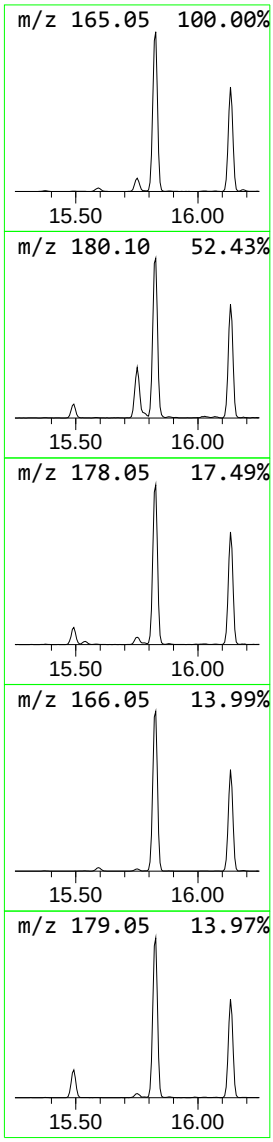
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 9H-Fluorene, 9-methyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.751	2.84 ng/ul	647087	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, 1-methyl-	180	C14H12	001730-37-6	87
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	83
5	Benzenethiol, 4-(1,1-dimethyleth...	180	C11H16S	015570-10-2	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
Data File : BP013533.D
Acq On : 18 Jan 2023 21:38
Operator : CG/JU
Sample : 01146-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4412

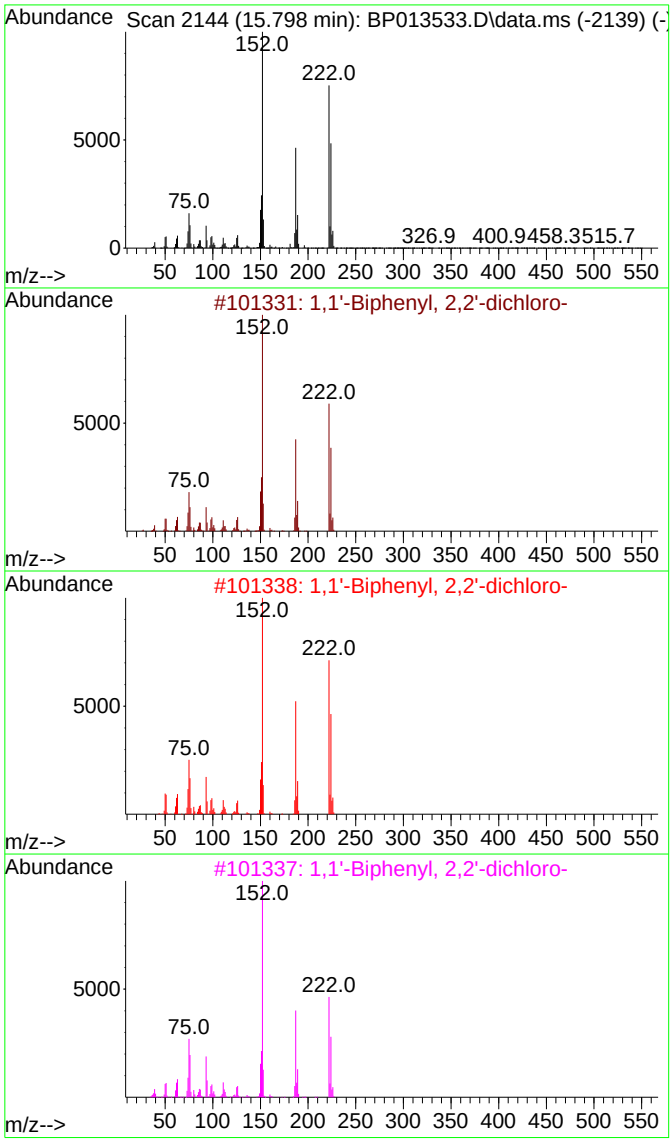
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

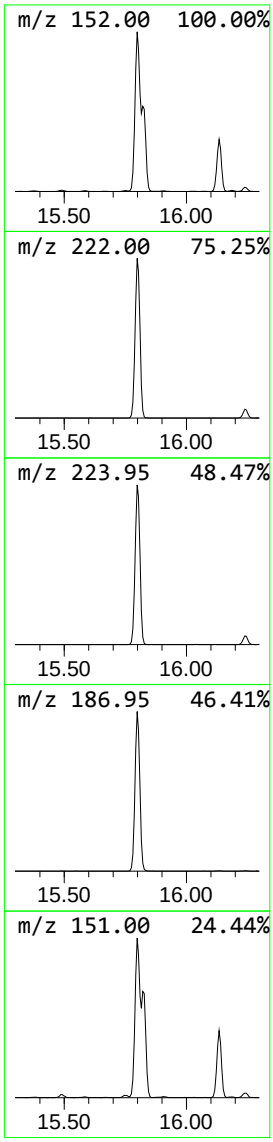
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.798	41.60 ng/ul	9464010	Acenaphthene-d10	14.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	99
2	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	98
3	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	97
4	1,1'-Biphenyl, 2,4'-dichloro-	222	C12H8Cl2	034883-43-7	97
5	1,1'-Biphenyl, 3,5-dichloro-	222	C12H8Cl2	034883-41-5	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
Data File : BP013533.D
Acq On : 18 Jan 2023 21:38
Operator : CG/JU
Sample : 01146-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4412

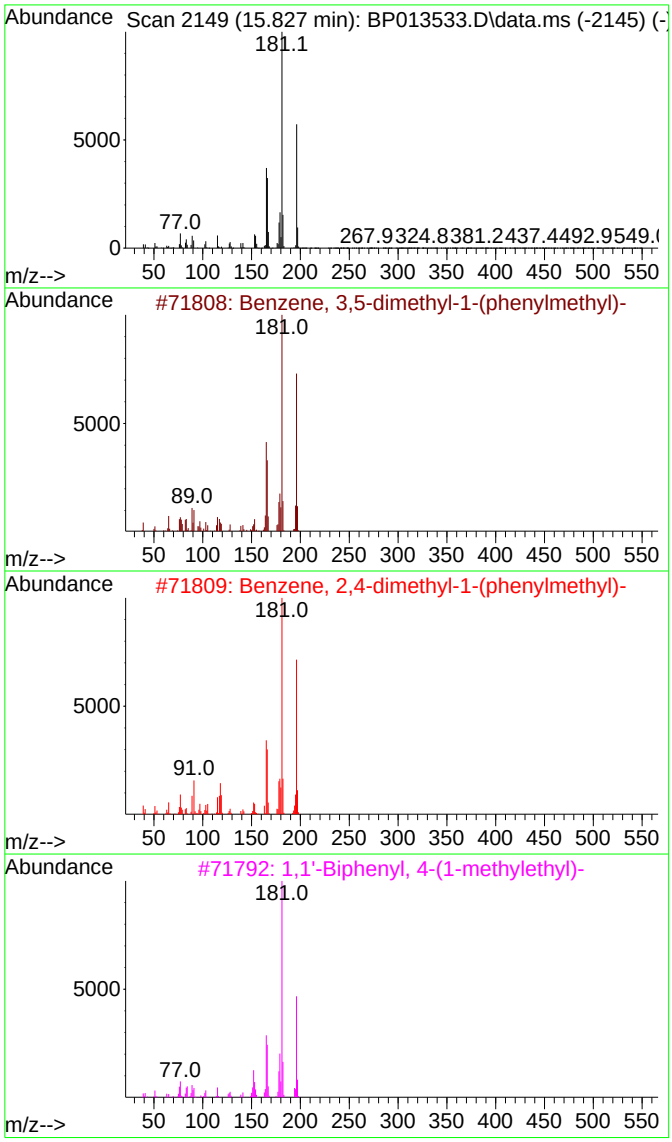
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

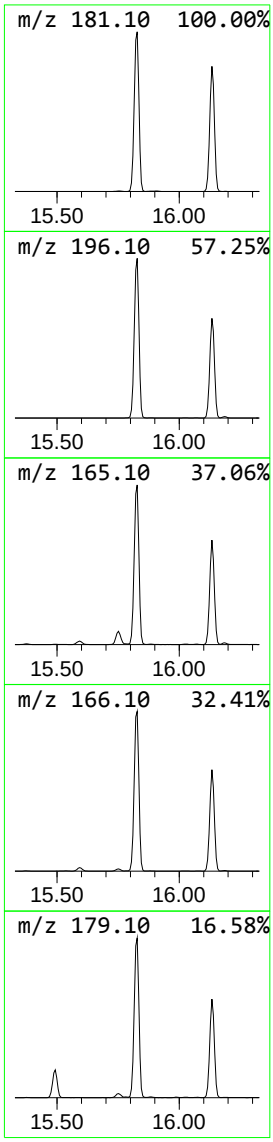
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 3,5-dimethyl-1-(ph... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.828	121.28 ng/ul	27594300	Acenaphthene-d10	14.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 3,5-dimethyl-1-(phenylm...	196	C15H16	028122-27-2	94
2	Benzene, 2,4-dimethyl-1-(phenylm...	196	C15H16	028122-28-3	94
3	1,1'-Biphenyl, 4-(1-methylethyl)-	196	C15H16	007116-95-2	93
4	1,1'-Biphenyl, 4-(1-methylethyl)-	196	C15H16	007116-95-2	93
5	Methane, di-p-tolyl-	196	C15H16	004957-14-6	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
Data File : BP013533.D
Acq On : 18 Jan 2023 21:38
Operator : CG/JU
Sample : 01146-11
Misc :
ALS Vial : 17 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

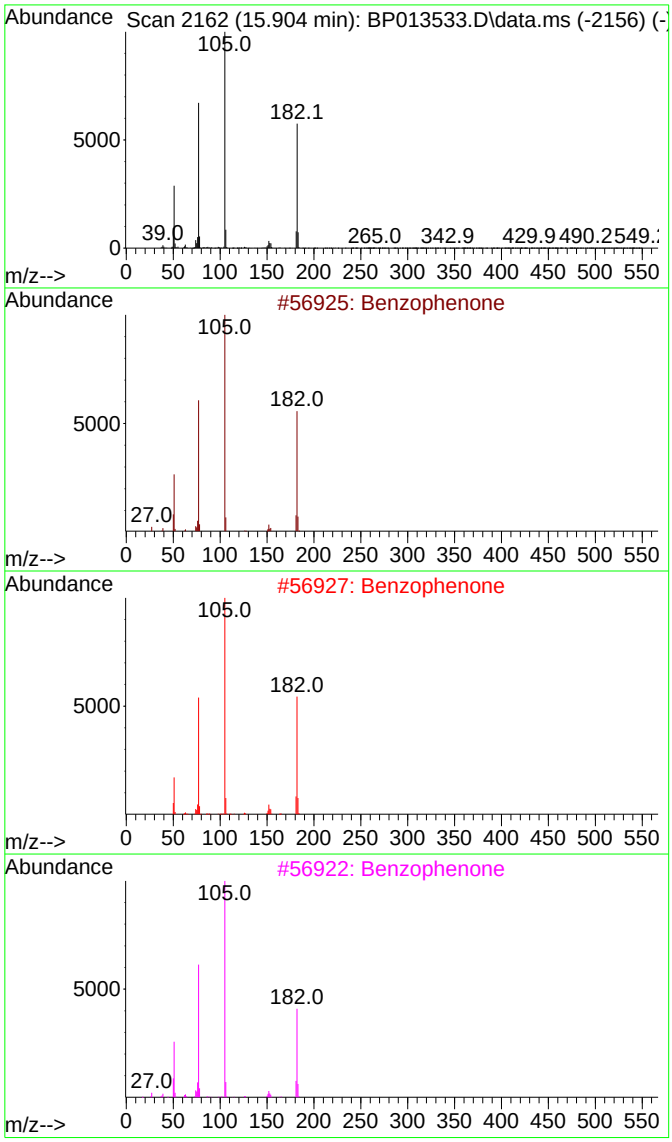
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

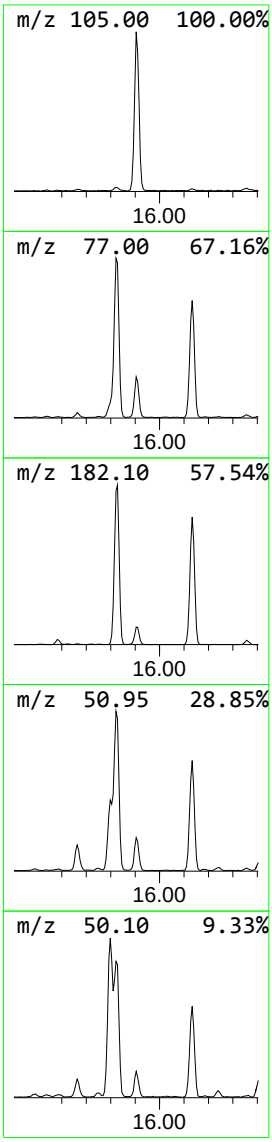
****

Peak Number 4 Benzophenone Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.904	2.76 ng/ul	627530	Acenaphthene-d10	14.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzophenone	182	C13H10O	000119-61-9	95
3	Benzophenone	182	C13H10O	000119-61-9	94
4	Benzophenone	182	C13H10O	000119-61-9	91
5	Benzophenone	182	C13H10O	000119-61-9	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
Data File : BP013533.D
Acq On : 18 Jan 2023 21:38
Operator : CG/JU
Sample : 01146-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4412

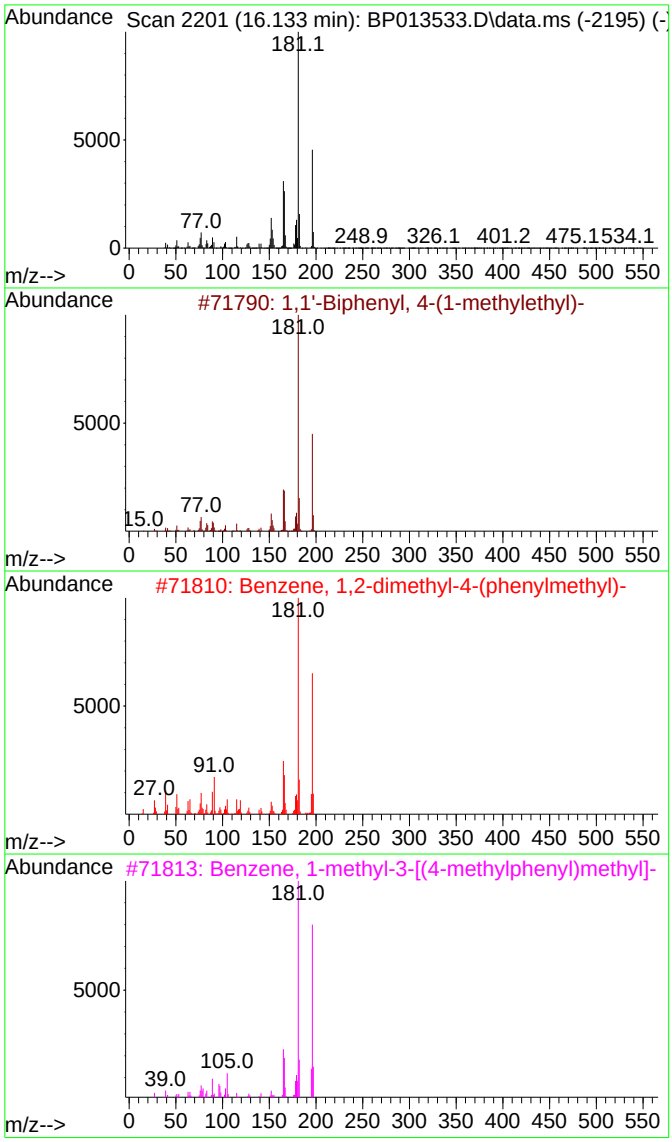
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

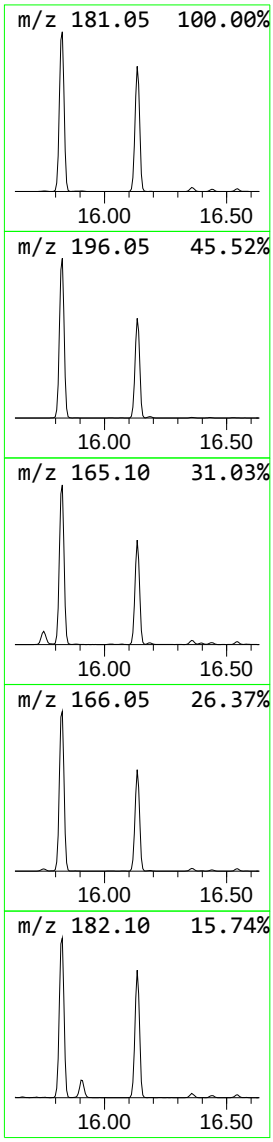
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1,1'-Biphenyl, 4-(1-methyle... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.133	34.90 ng/ul	17475400	Phenanthrene-d10	17.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 4-(1-methylethyl)-	196	C15H16	007116-95-2	97
2	Benzene, 1,2-dimethyl-4-(phenylm...	196	C15H16	013540-56-2	94
3	Benzene, 1-methyl-3-[(4-methylph...	196	C15H16	021895-16-9	91
4	Methane, di-p-tolyl-	196	C15H16	004957-14-6	91
5	Methane, di-p-tolyl-	196	C15H16	004957-14-6	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
Data File : BP013533.D
Acq On : 18 Jan 2023 21:38
Operator : CG/JU
Sample : 01146-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4412

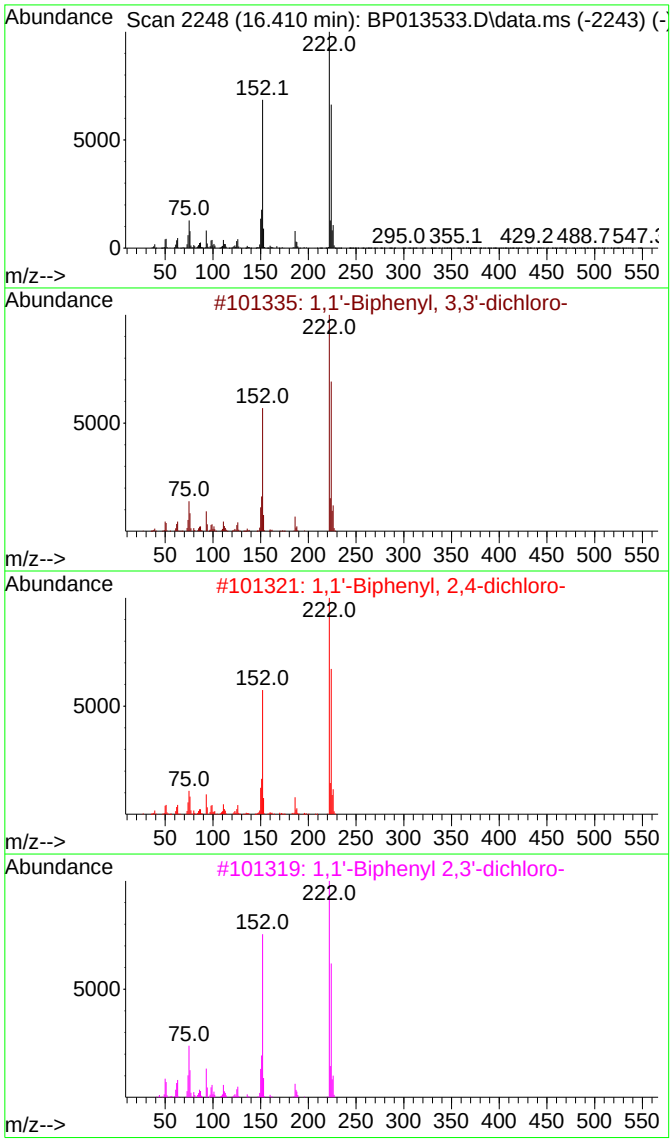
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

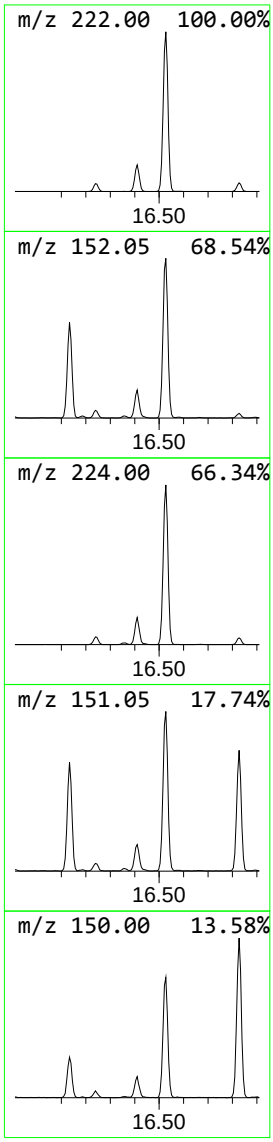
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1,1'-Biphenyl, 3,3'-dichloro- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.410	2.62 ng/ul	1309910	Phenanthrene-d10	17.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3,3'-dichloro-	222	C12H8Cl2	002050-67-1	99
2	1,1'-Biphenyl, 2,4-dichloro-	222	C12H8Cl2	033284-50-3	99
3	1,1'-Biphenyl 2,3'-dichloro-	222	C12H8Cl2	025569-80-6	98
4	1,1'-Biphenyl, 4,4'-dichloro-	222	C12H8Cl2	002050-68-2	97
5	1,1'-Biphenyl, 2,4'-dichloro-	222	C12H8Cl2	034883-43-7	97





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Data File : BP013533.D
Acq On : 18 Jan 2023 21:38
Operator : CG/JU
Sample : 01146-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4412

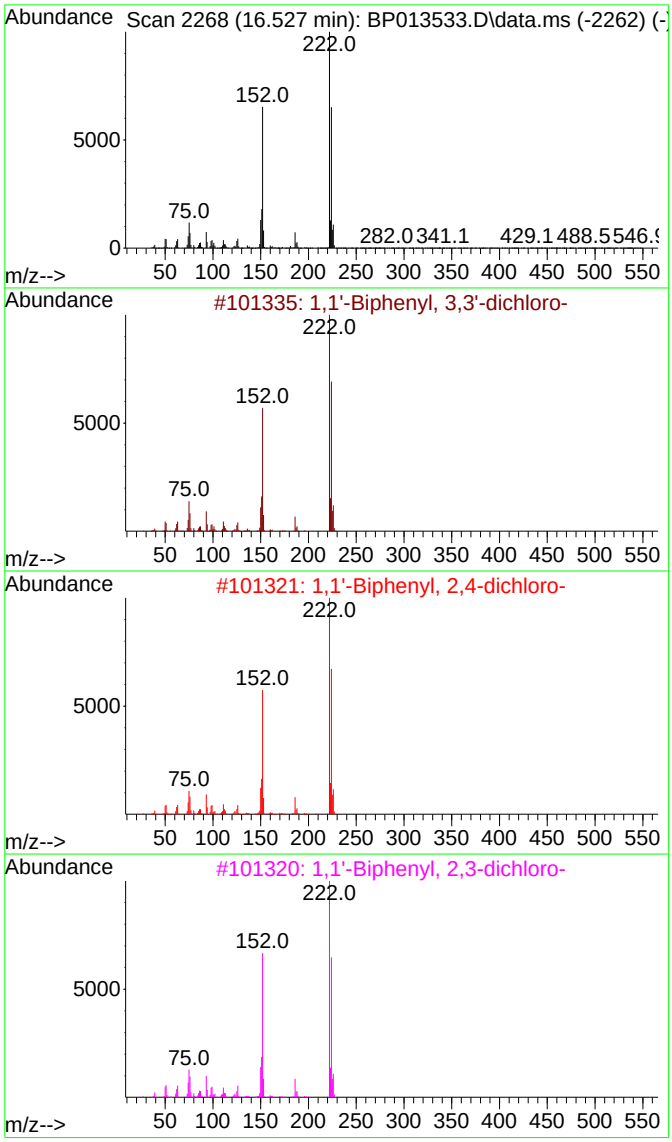
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

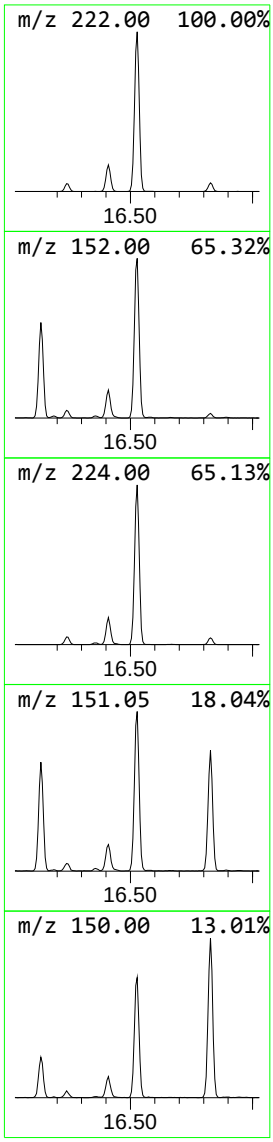
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1,1'-Biphenyl, 2,4-dichloro- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.527	15.48 ng/ul	7747820	Phenanthrene-d10	17.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3,3'-dichloro-	222	C12H8Cl2	002050-67-1	99
2	1,1'-Biphenyl, 2,4-dichloro-	222	C12H8Cl2	033284-50-3	99
3	1,1'-Biphenyl, 2,3-dichloro-	222	C12H8Cl2	016605-91-7	99
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 : BP013533.D
Acq On : 18 Jan 2023 21:38
Operator : CG/JU
Sample : 01146-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4412

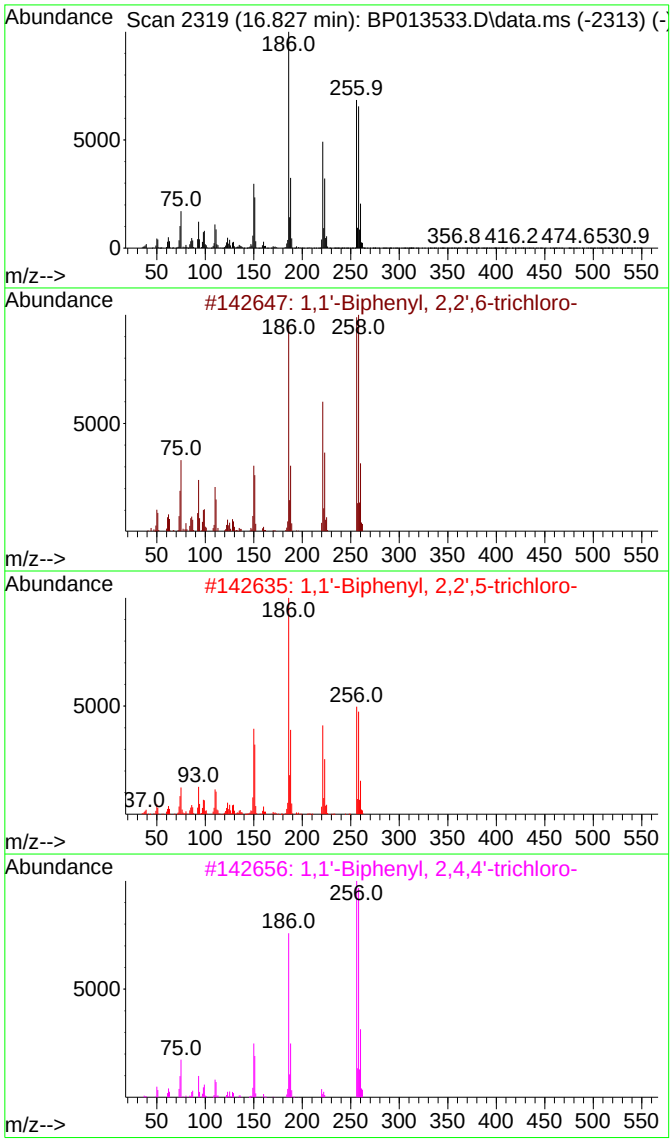
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

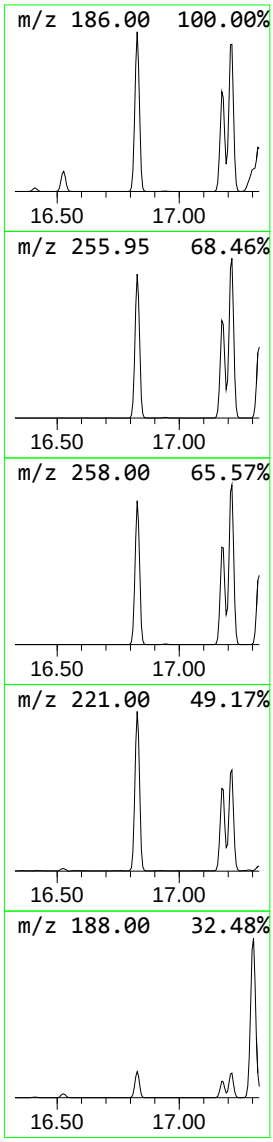
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 1,1'-Biphenyl, 2,2',6-trich... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.827	13.06 ng/ul	6540880	Phenanthrene-d10	17.304

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	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	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 : BP013533.D
Acq On : 18 Jan 2023 21:38
Operator : CG/JU
Sample : 01146-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4412

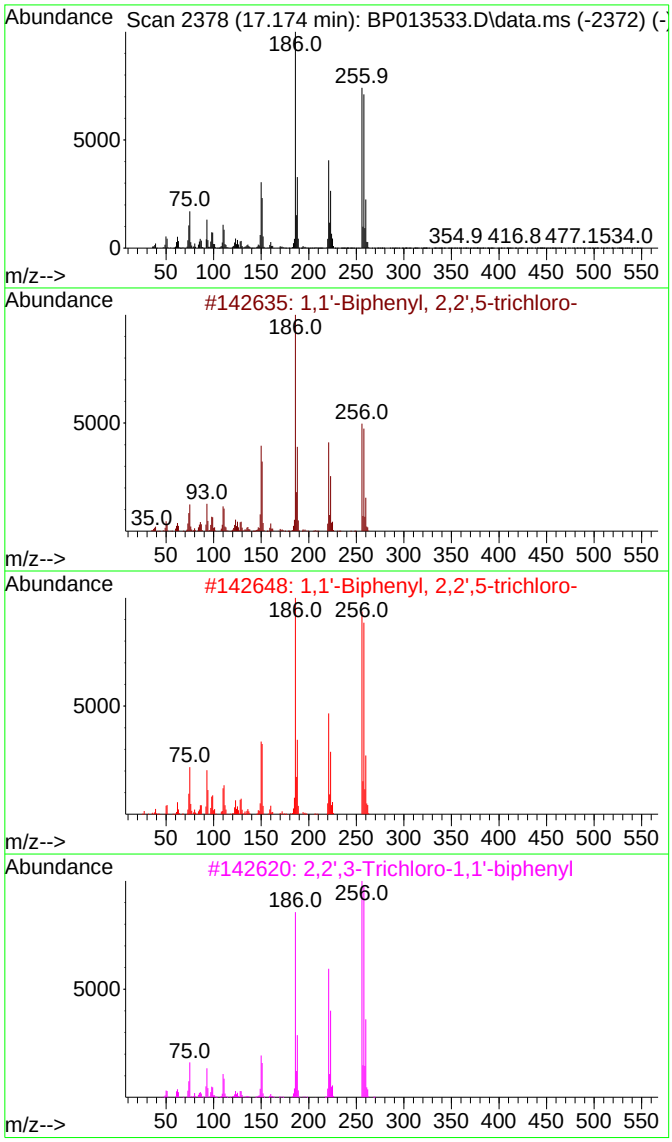
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

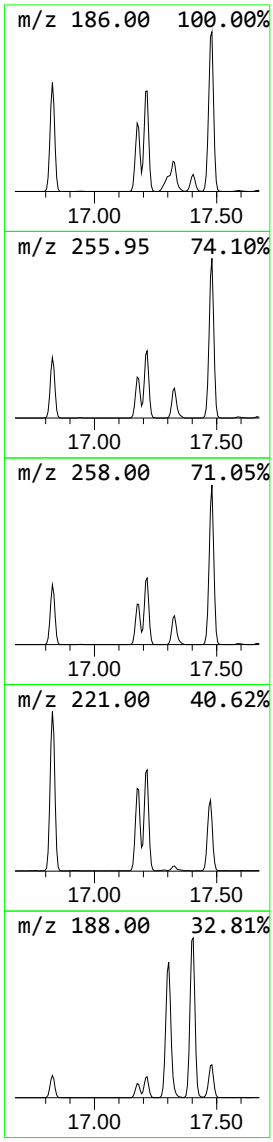
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 1,1'-Biphenyl, 2,2',5-trich... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.174	8.83 ng/ul	4420440	Phenanthrene-d10	17.304

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





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Data File : BP013533.D
Acq On : 18 Jan 2023 21:38
Operator : CG/JU
Sample : 01146-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4412

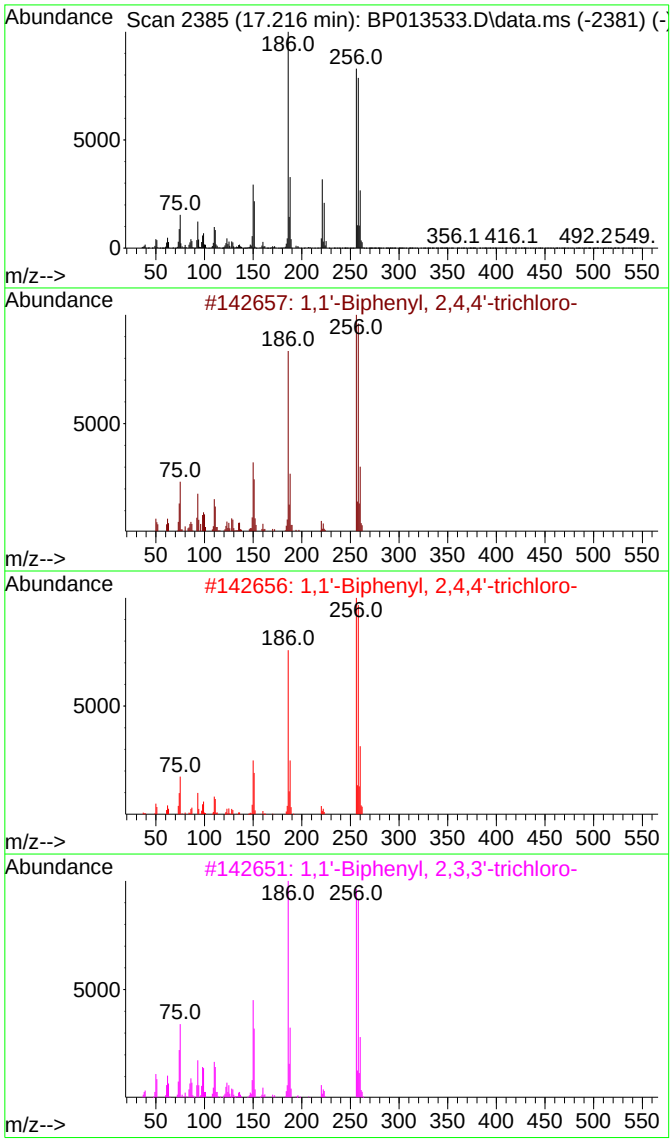
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

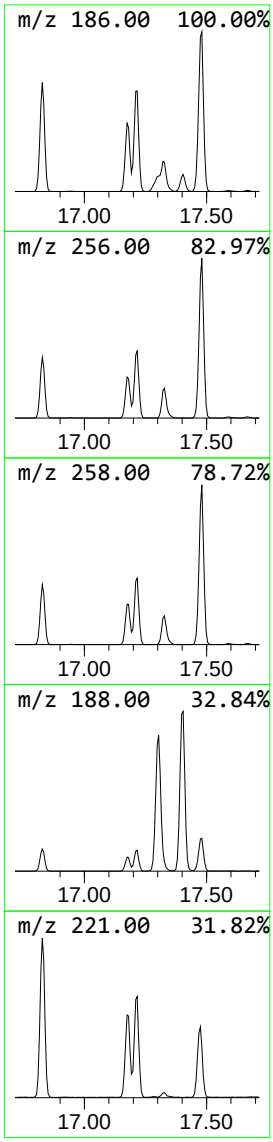
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 1,1'-Biphenyl, 2,4,4'-trich... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.216	12.37 ng/ul	6191250	Phenanthrene-d10	17.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99
2	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99
3	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	99
4	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	98
5	1,1'-Biphenyl, 2,3,4'-Trichloro-	256	C12H7Cl3	038444-85-8	98





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Data File : BP013533.D
Acq On : 18 Jan 2023 21:38
Operator : CG/JU
Sample : 01146-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4412

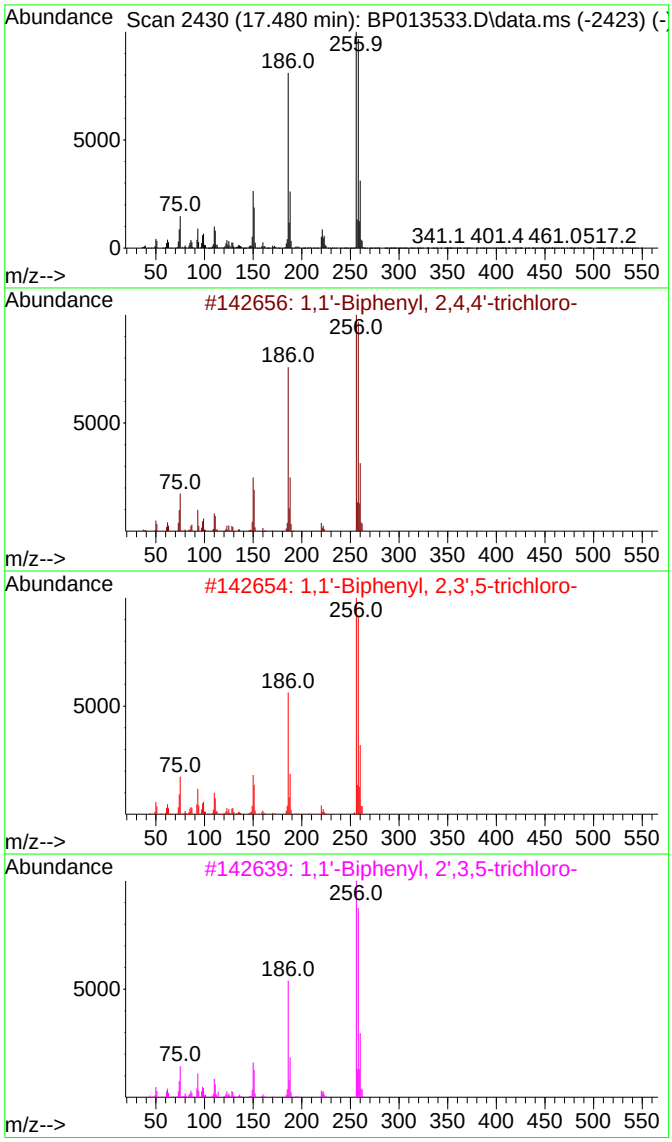
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

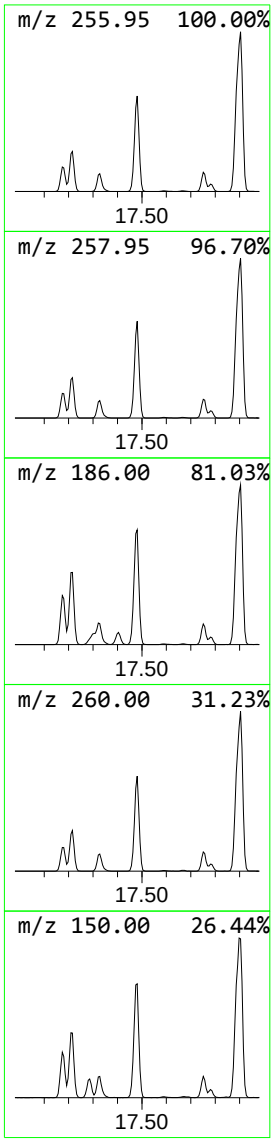
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.480	23.17 ng/ul	11602500	Phenanthrene-d10	17.304

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
Data File : BP013533.D
Acq On : 18 Jan 2023 21:38
Operator : CG/JU
Sample : 01146-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4412

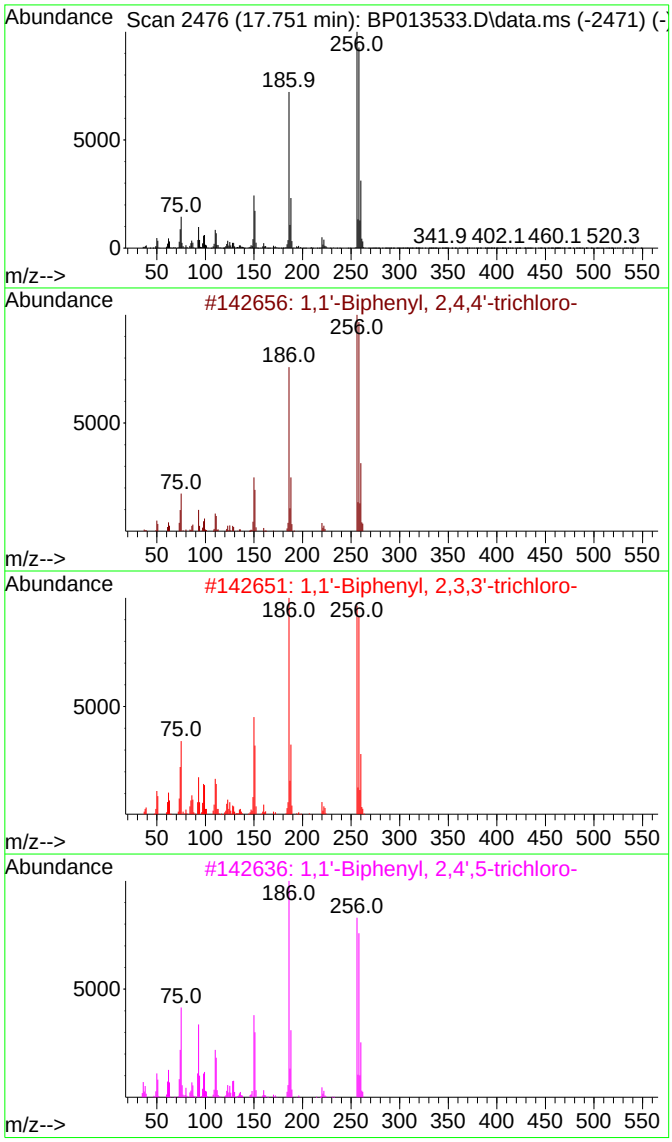
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

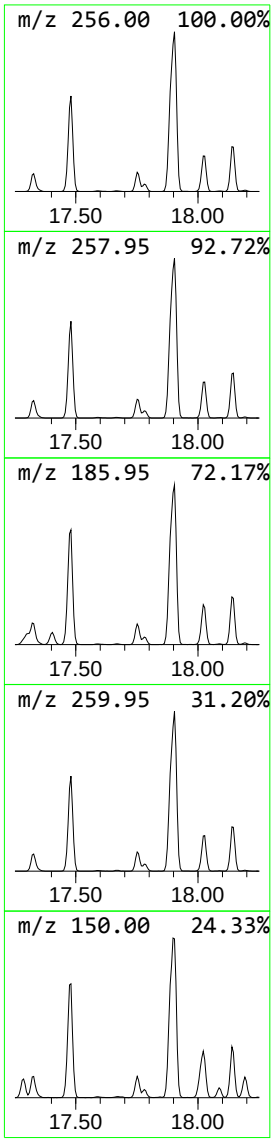
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 1,1'-Biphenyl, 2,3,3'-trich... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.751	4.11 ng/ul	2058320	Phenanthrene-d10	17.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99
2	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	99
3	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	99
4	1,1'-Biphenyl, 2,3,4-trichloro-	256	C12H7Cl3	055702-46-0	99
5	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
Data File : BP013533.D
Acq On : 18 Jan 2023 21:38
Operator : CG/JU
Sample : 01146-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4412

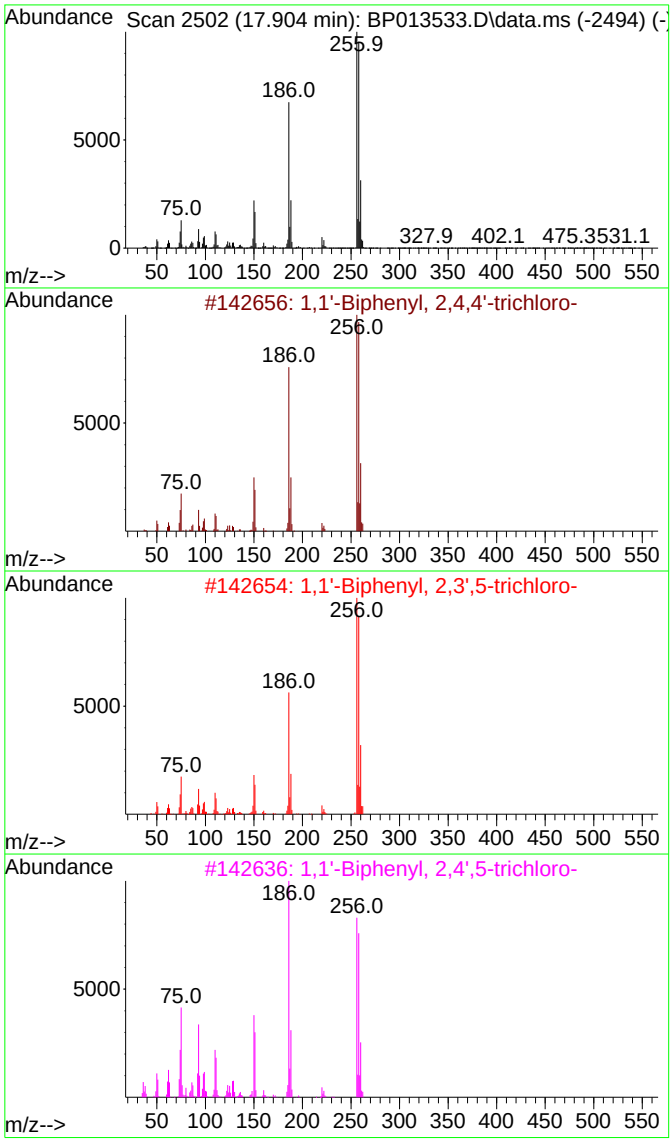
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

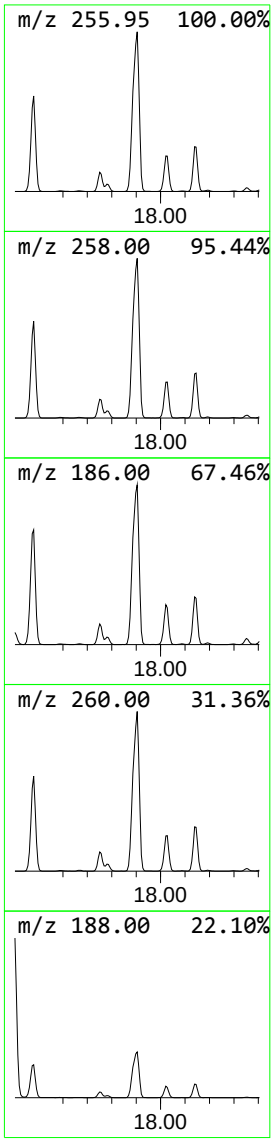
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.904	45.86 ng/ul	22962700	Phenanthrene-d10	17.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99
2	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	99
3	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	99
4	1,1'-Biphenyl, 2,3,4-trichloro-	256	C12H7Cl3	055702-46-0	99
5	1,1'-Biphenyl, 3,3',5-trichloro-	256	C12H7Cl3	038444-87-0	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
Data File : BP013533.D
Acq On : 18 Jan 2023 21:38
Operator : CG/JU
Sample : 01146-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4412

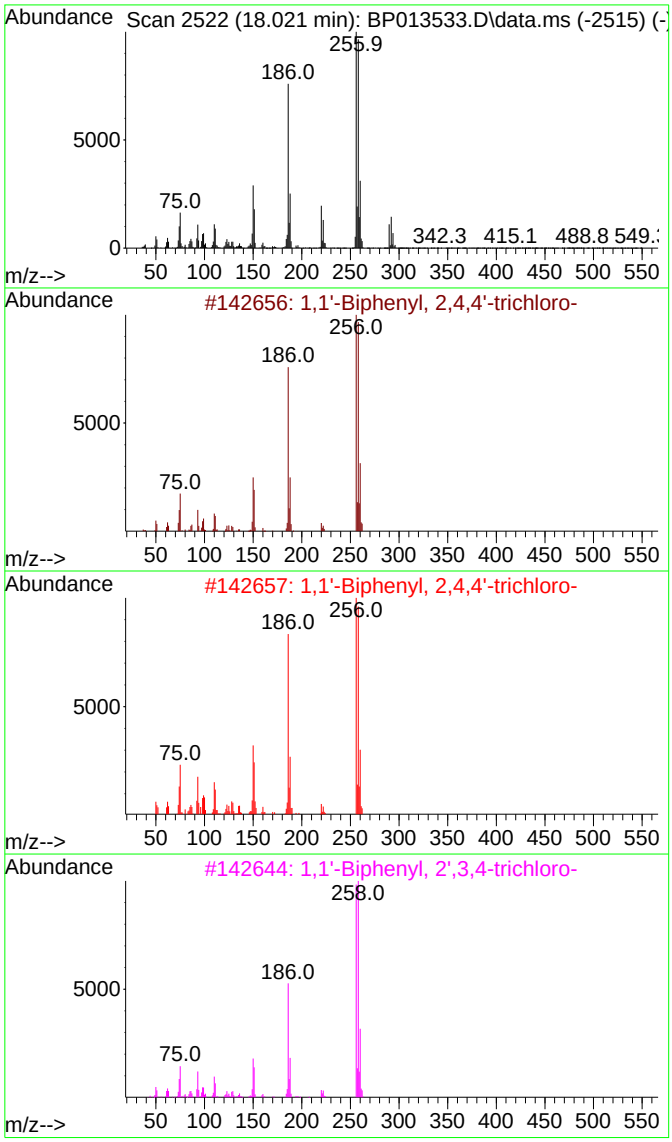
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

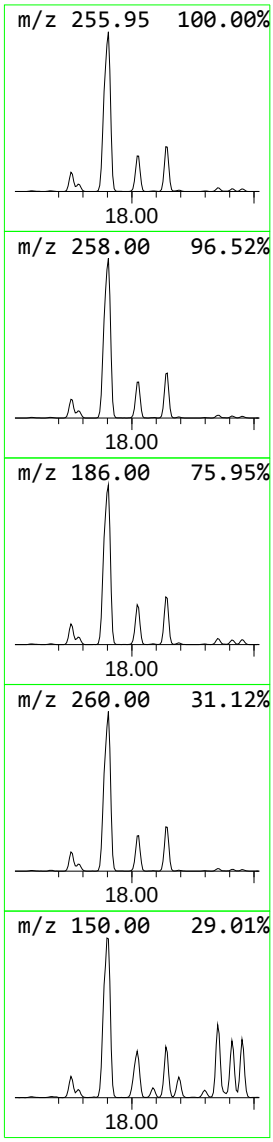
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 1,1'-Biphenyl, 2',3,4-trich... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.022	11.83 ng/ul	5922130	Phenanthrene-d10	17.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99
2	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99
3	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	99
4	1,1'-Biphenyl, 2,3,6-trichloro-	256	C12H7Cl3	055702-45-9	99
5	1,1'-Biphenyl, 2,3,4-trichloro-	256	C12H7Cl3	055702-46-0	98





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Data File : BP013533.D
Acq On : 18 Jan 2023 21:38
Operator : CG/JU
Sample : 01146-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4412

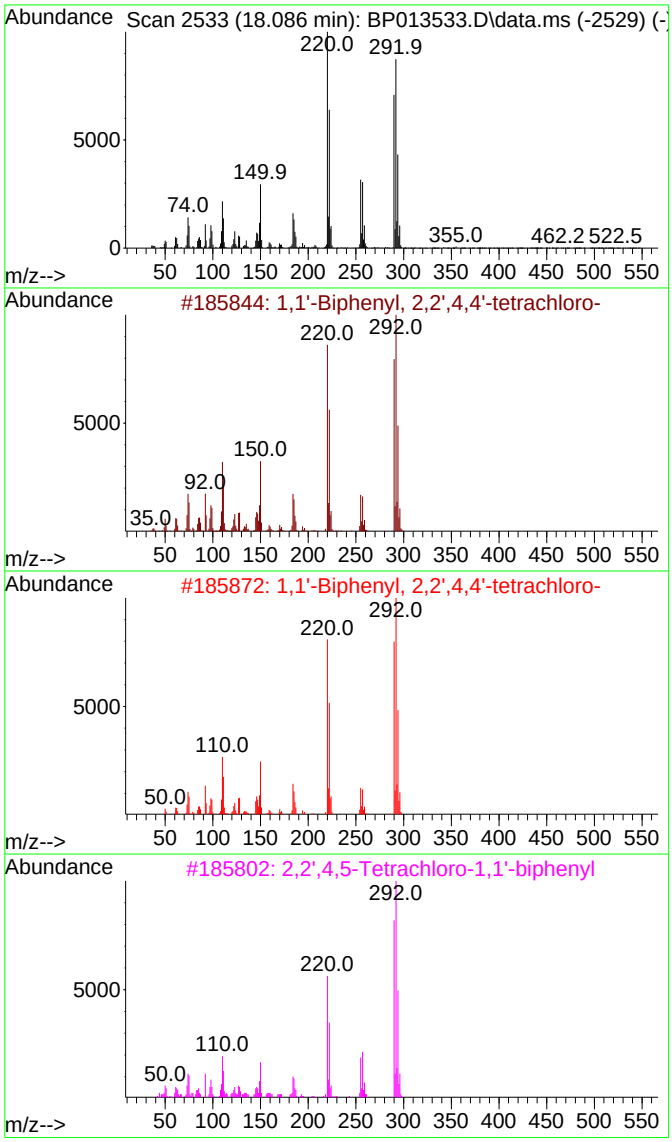
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

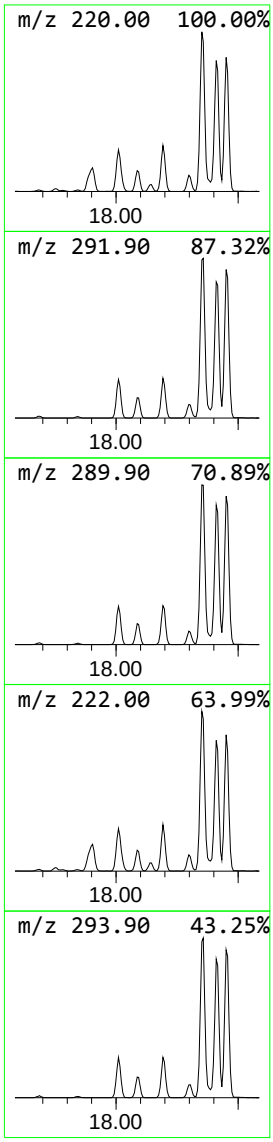
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 1,1'-Biphenyl, 2,2',4,4'-te... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.086	2.10 ng/ul	1050960	Phenanthrene-d10	17.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
2	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',5,6'-Tetrach...	290	C12H6Cl4	041464-41-9	99
5	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
Data File : BP013533.D
Acq On : 18 Jan 2023 21:38
Operator : CG/JU
Sample : 01146-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4412

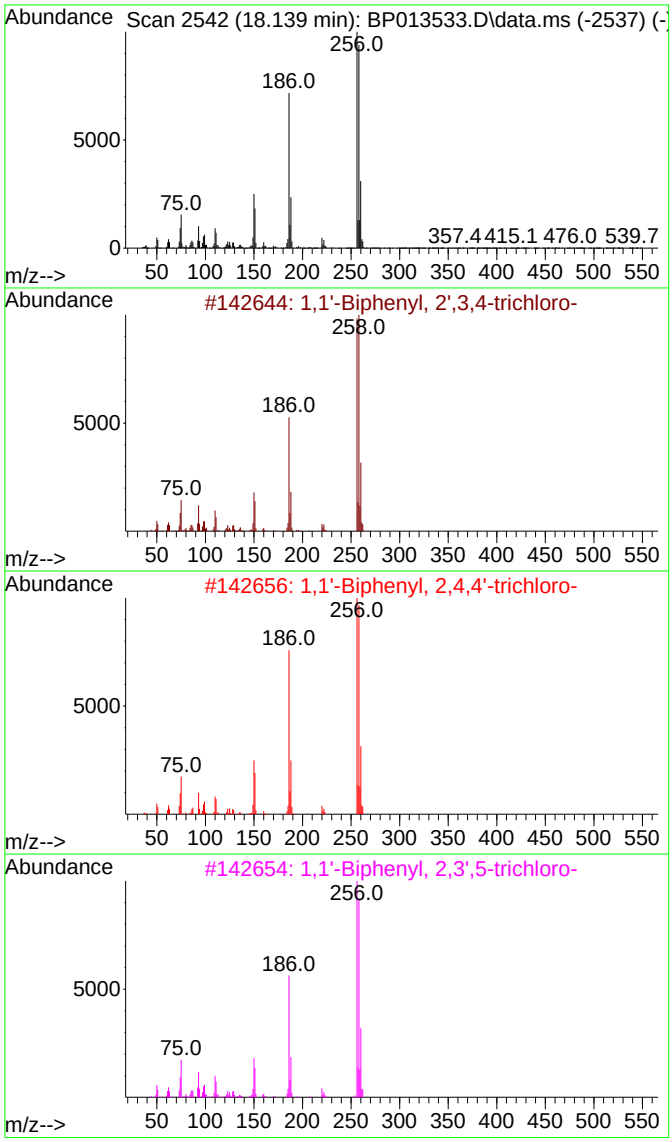
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

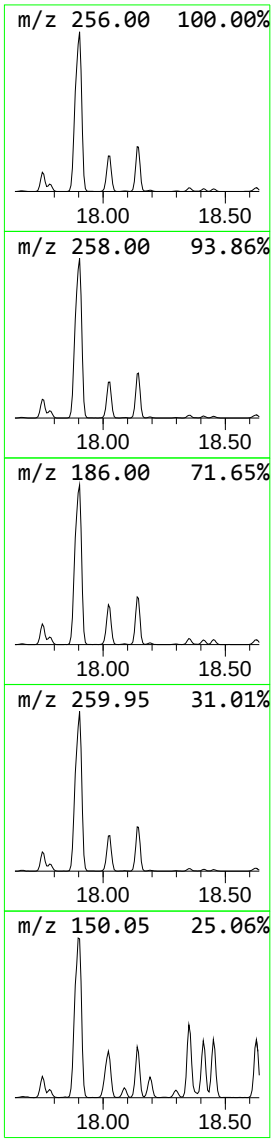
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.139	9.53 ng/ul	4769440	Phenanthrene-d10	17.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	99
2	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99
3	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	99
4	1,1'-Biphenyl, 3,3',5-trichloro-	256	C12H7Cl3	038444-87-0	99
5	1,1'-Biphenyl, 3,4',5-trichloro-	256	C12H7Cl3	038444-88-1	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
Data File : BP013533.D
Acq On : 18 Jan 2023 21:38
Operator : CG/JU
Sample : 01146-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4412

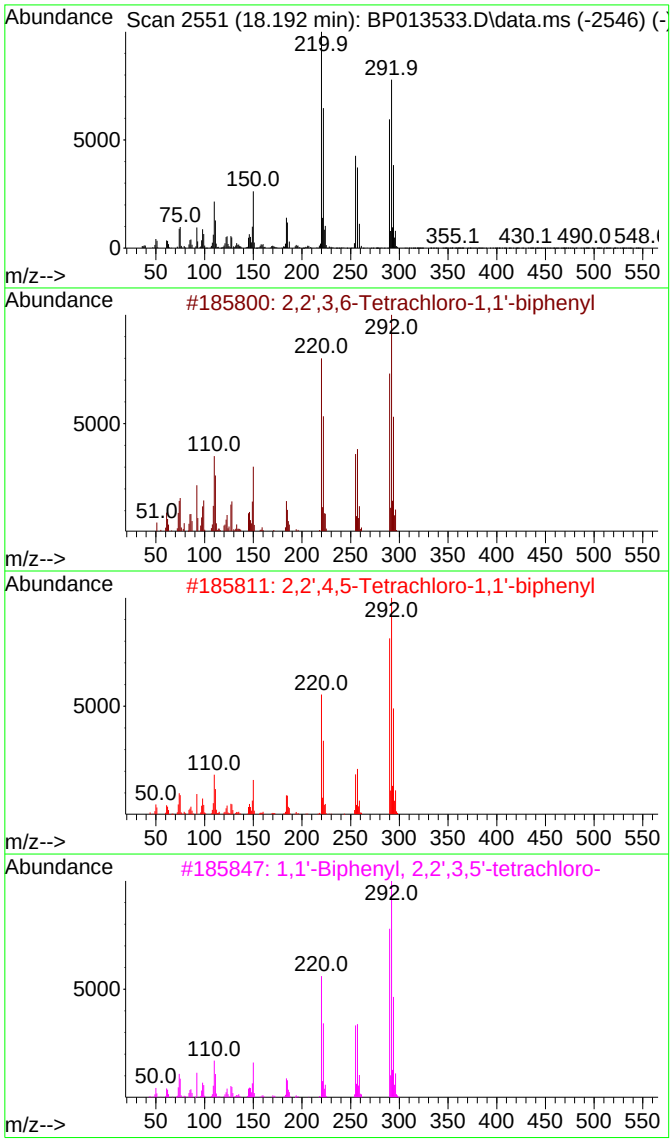
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

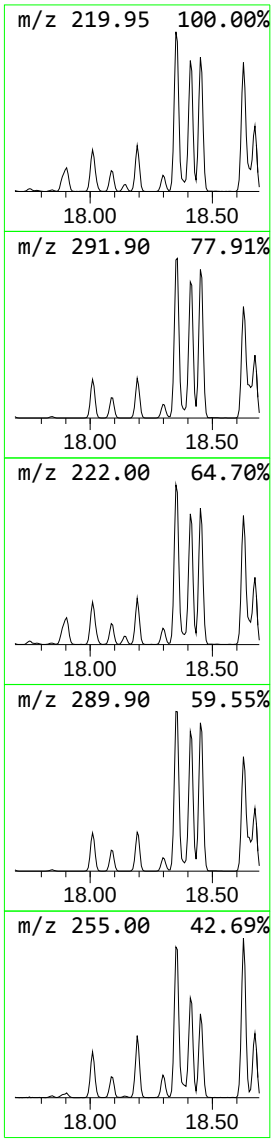
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 2,2',3,6-Tetrachloro-1,1'-b... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.192	5.50 ng/ul	2751220	Phenanthrene-d10	17.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-45-7	99
2	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99
3	1,1'-Biphenyl, 2,2',3,5'-tetrach...	290	C12H6Cl4	041464-39-5	99
4	1,1'-Biphenyl, 2,2',5,6'-Tetrach...	290	C12H6Cl4	041464-41-9	99
5	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	99





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Data File : BP013533.D
Acq On : 18 Jan 2023 21:38
Operator : CG/JU
Sample : 01146-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4412

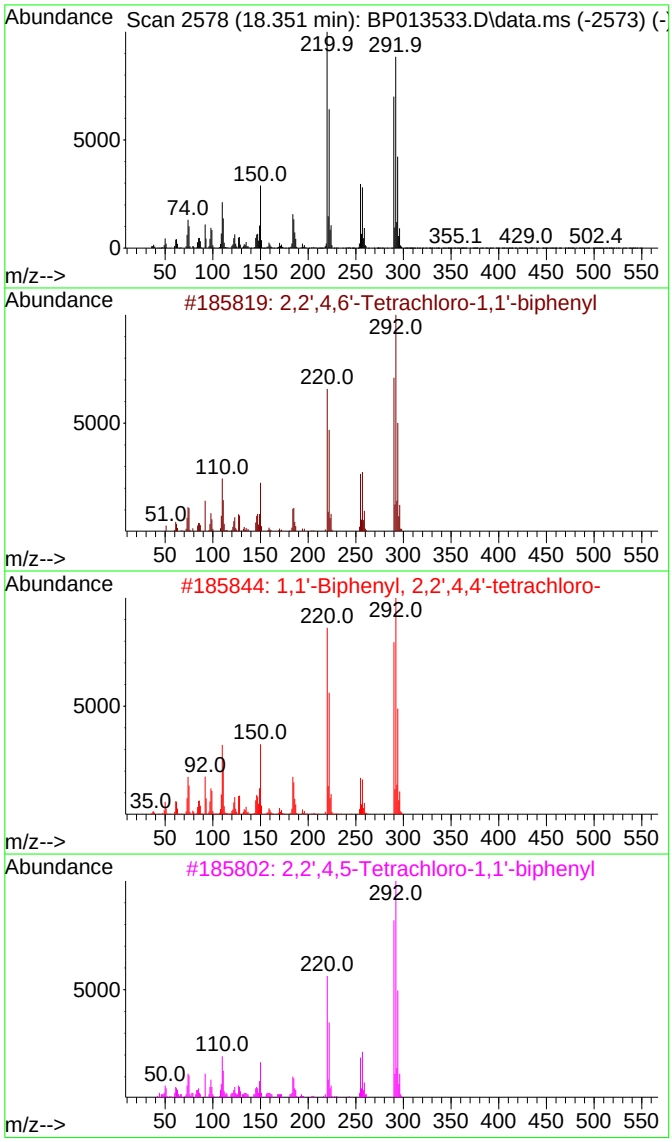
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

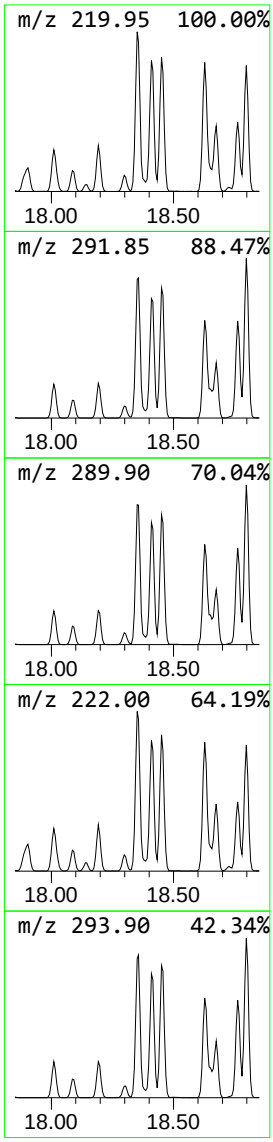
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 2,2',4,6'-Tetrachloro-1,1'-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.351	17.49 ng/ul	8759000	Phenanthrene-d10	17.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',4,6'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	068194-04-7	99
2	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
3	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	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 21:38
Operator : CG/JU
Sample : 01146-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4412

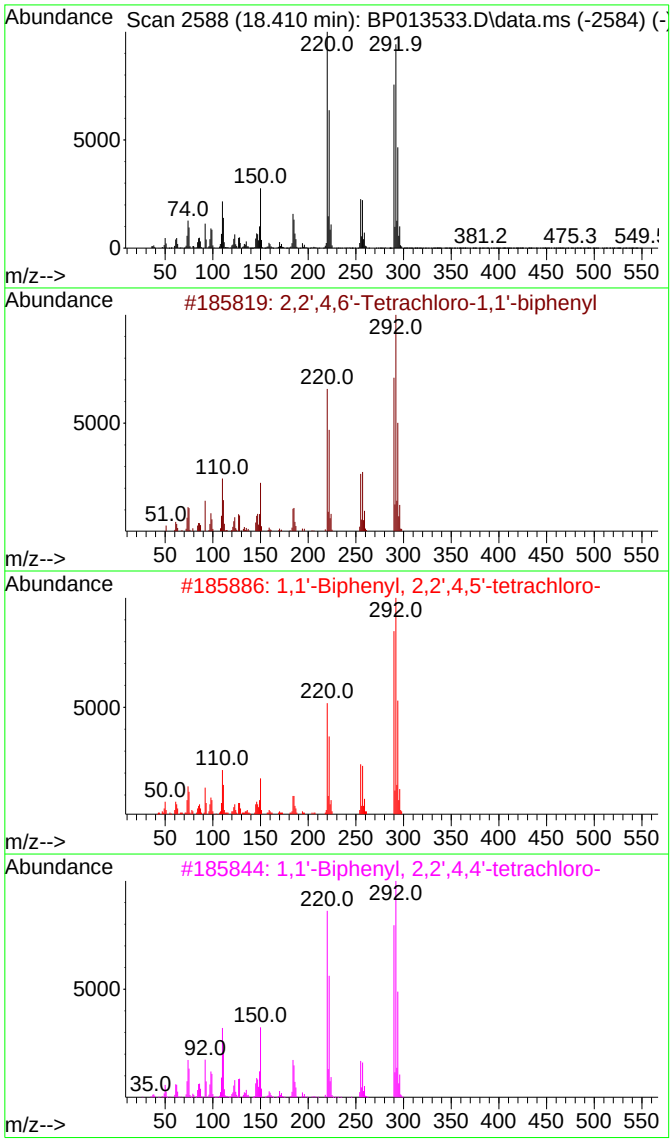
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

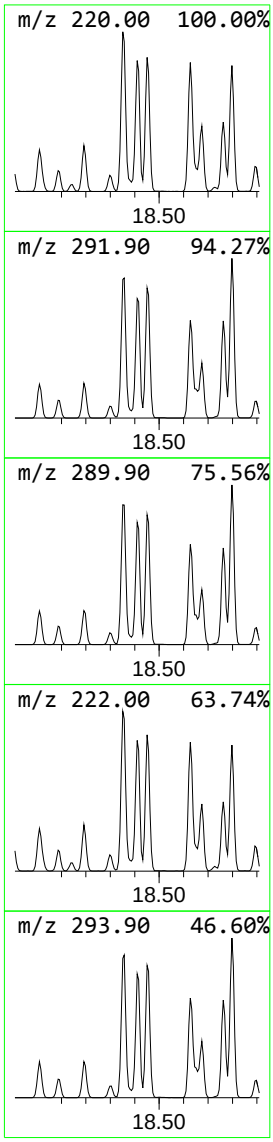
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 1,1'-Biphenyl, 2,2',4,5'-te... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.410	13.53 ng/ul	6773470	Phenanthrene-d10	17.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',4,6'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	068194-04-7	99
2	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	99
3	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
4	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99
5	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99





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Data File : BP013533.D
Acq On : 18 Jan 2023 21:38
Operator : CG/JU
Sample : 01146-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4412

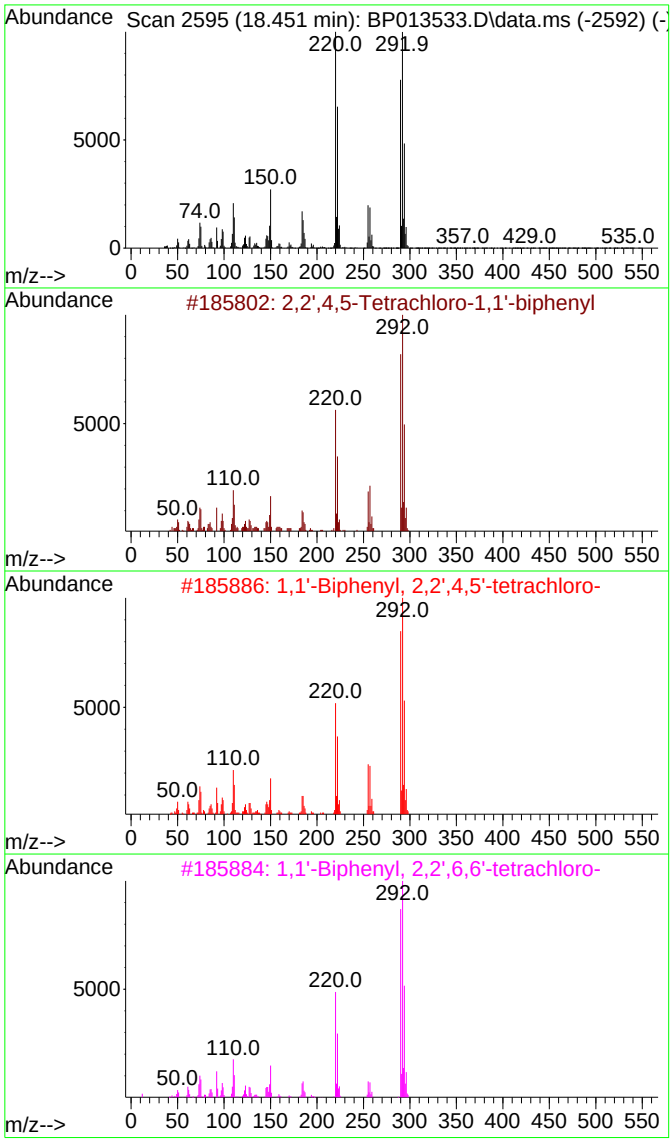
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

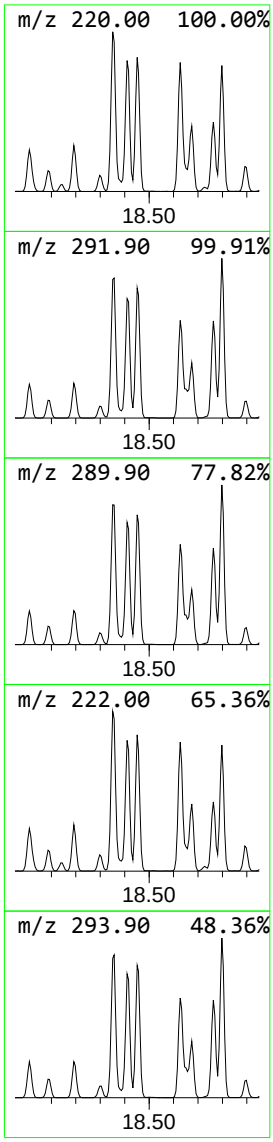
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 2,2',4,5-Tetrachloro-1,1'-b... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.451	13.16 ng/ul	6586530	Phenanthrene-d10	17.304

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',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	99
3	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
4	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
5	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
Data File : BP013533.D
Acq On : 18 Jan 2023 21:38
Operator : CG/JU
Sample : 01146-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4412

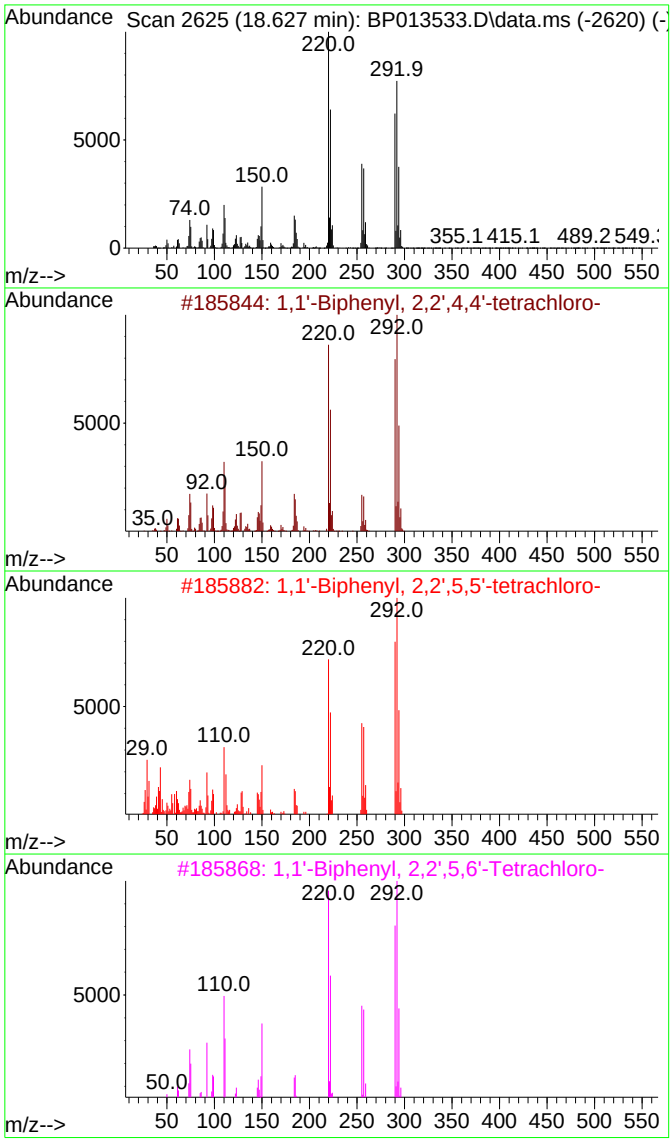
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

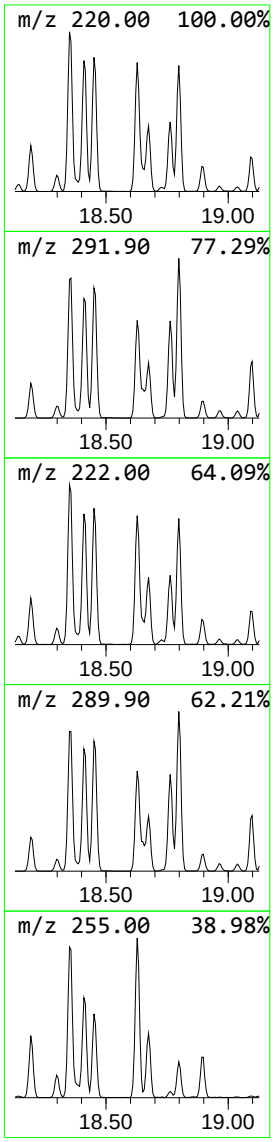
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 1,1'-Biphenyl, 2,2',5,5'-te... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.627	15.25 ng/ul	7633990	Phenanthrene-d10	17.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
2	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	99
3	1,1'-Biphenyl, 2,2',5,6'-Tetrach...	290	C12H6Cl4	041464-41-9	99
4	1,1'-Biphenyl, 2,2',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	99
5	1,1'-Biphenyl, 2,2',3,4-tetrachl...	290	C12H6Cl4	052663-59-9	99





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Acq On : 18 Jan 2023 21:38
Operator : CG/JU
Sample : 01146-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4412

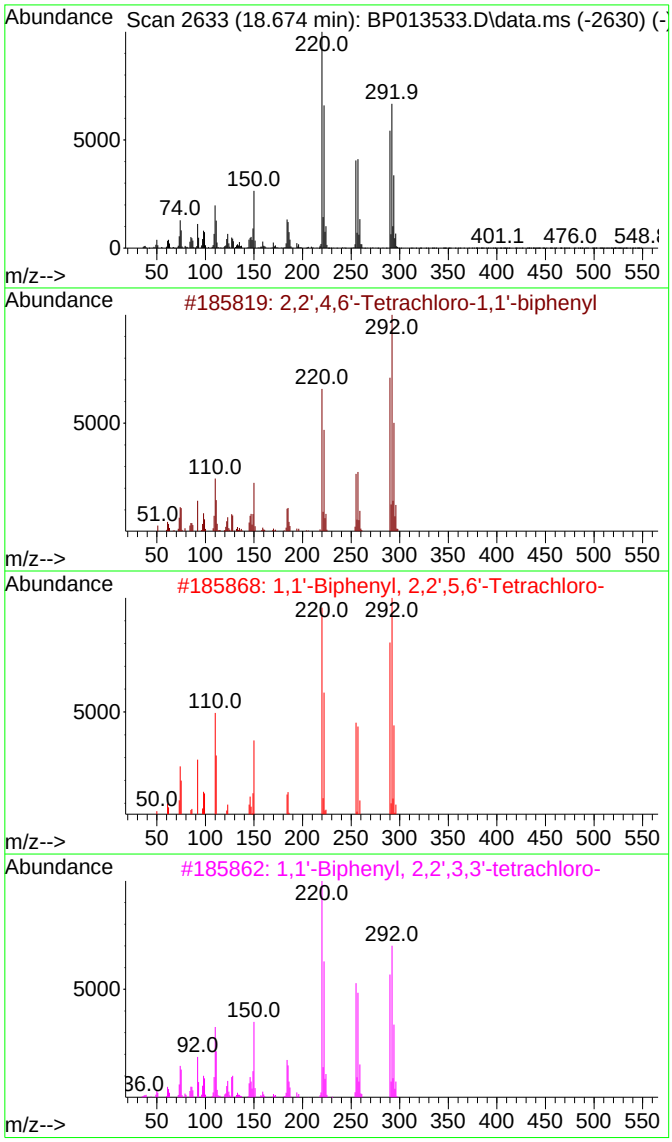
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

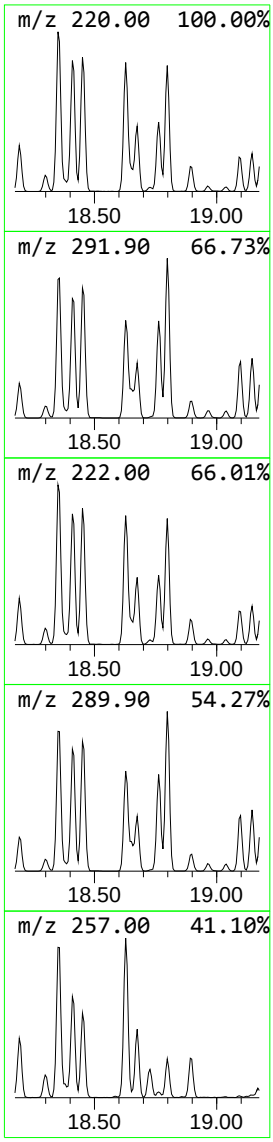
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 1,1'-Biphenyl, 2,2',5,6'-Te... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.674	6.40 ng/ul	3205650	Phenanthrene-d10	17.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',4,6'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	068194-04-7	99
2	1,1'-Biphenyl, 2,2',5,6'-Tetrach...	290	C12H6Cl4	041464-41-9	99
3	1,1'-Biphenyl, 2,2',3,3'-tetrach...	290	C12H6Cl4	038444-93-8	99
4	1,1'-Biphenyl, 2,2',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	99
5	1,1'-Biphenyl, 2,2',3,5'-tetrach...	290	C12H6Cl4	041464-39-5	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
Data File : BP013533.D
Acq On : 18 Jan 2023 21:38
Operator : CG/JU
Sample : 01146-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4412

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

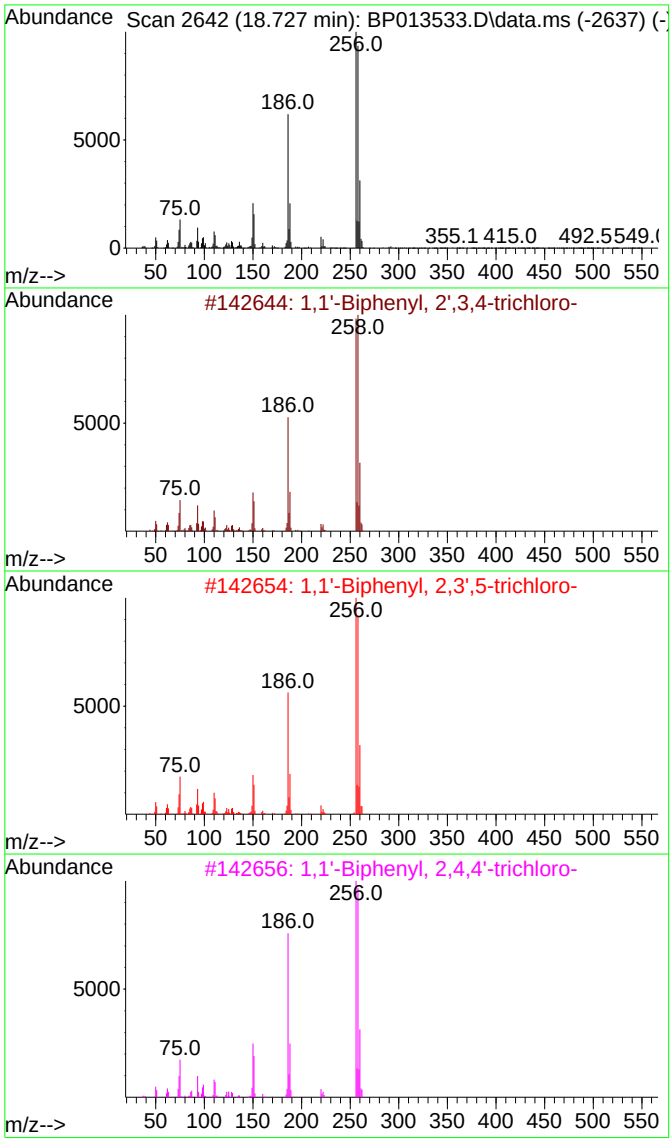
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

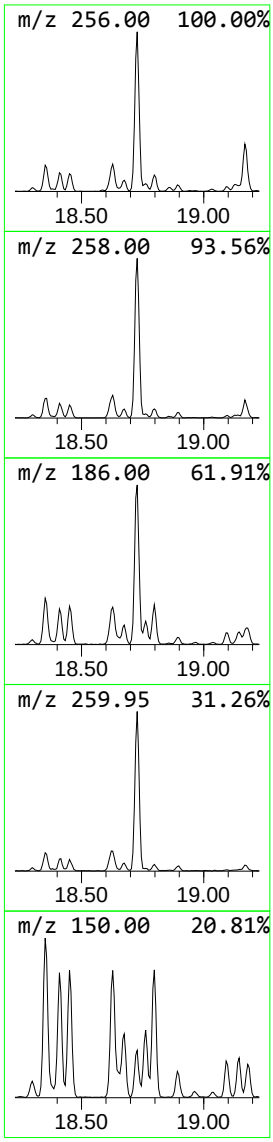
****

Peak Number 23 unknown-01 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.727	4.84 ng/ul	2422440	Phenanthrene-d10	17.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	99
2	1,1'-Biphenyl, 2,3',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, 2,3,4-trichloro-	256	C12H7Cl3	055702-46-0	99
5	1,1'-Biphenyl, 3,3',5-trichloro-	256	C12H7Cl3	038444-87-0	99





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Data File : BP013533.D
Acq On : 18 Jan 2023 21:38
Operator : CG/JU
Sample : 01146-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4412

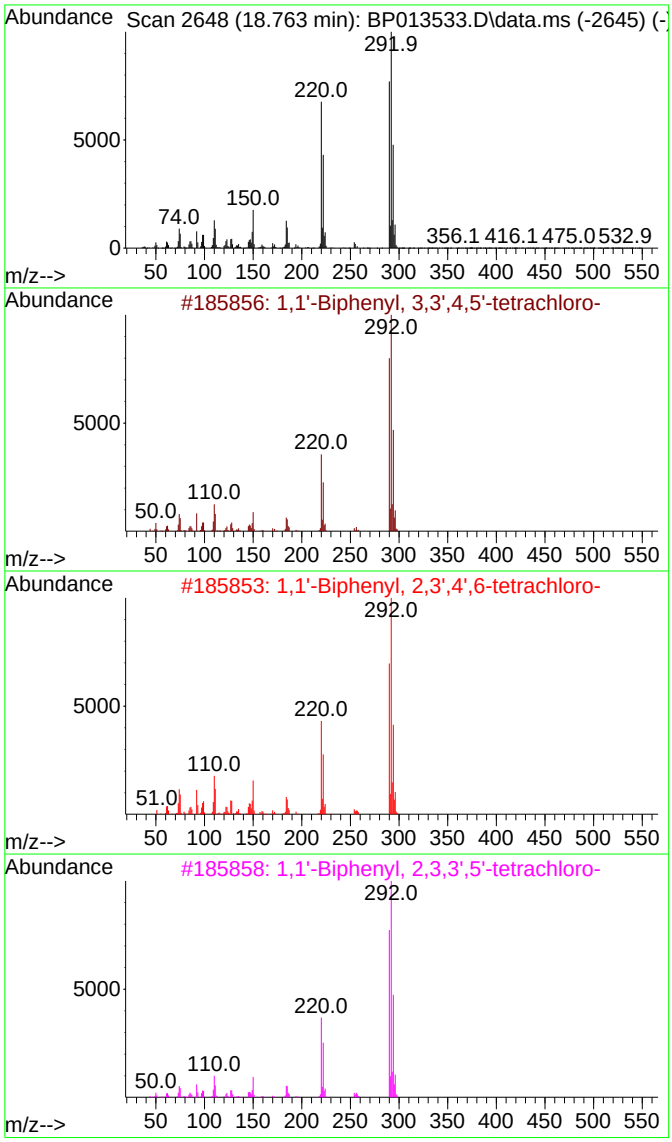
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

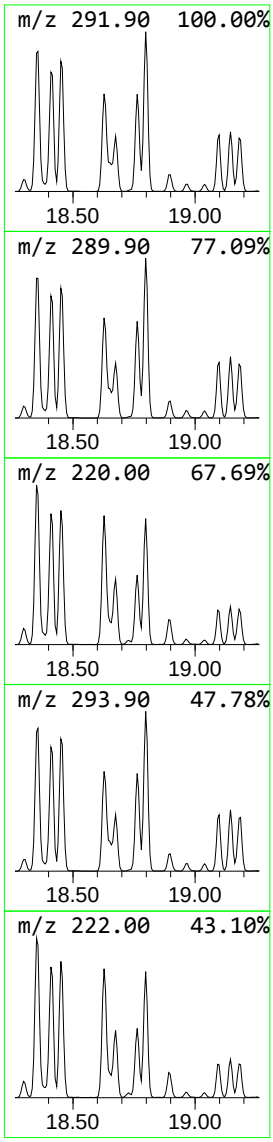
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 1,1'-Biphenyl, 3,3',4,5'-te... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.763	7.93 ng/ul	3972610	Phenanthrene-d10	17.304

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, 2,3',4',6-tetrach...	290	C12H6Cl4	041464-46-4	99
3	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99
4	1,1'-Biphenyl, 2,3,4,4'-tetrachl...	290	C12H6Cl4	033025-41-1	99
5	1,1'-Biphenyl, 3,3',5,5'-tetrach...	290	C12H6Cl4	033284-52-5	99





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Acq On : 18 Jan 2023 21:38
Operator : CG/JU
Sample : 01146-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4412

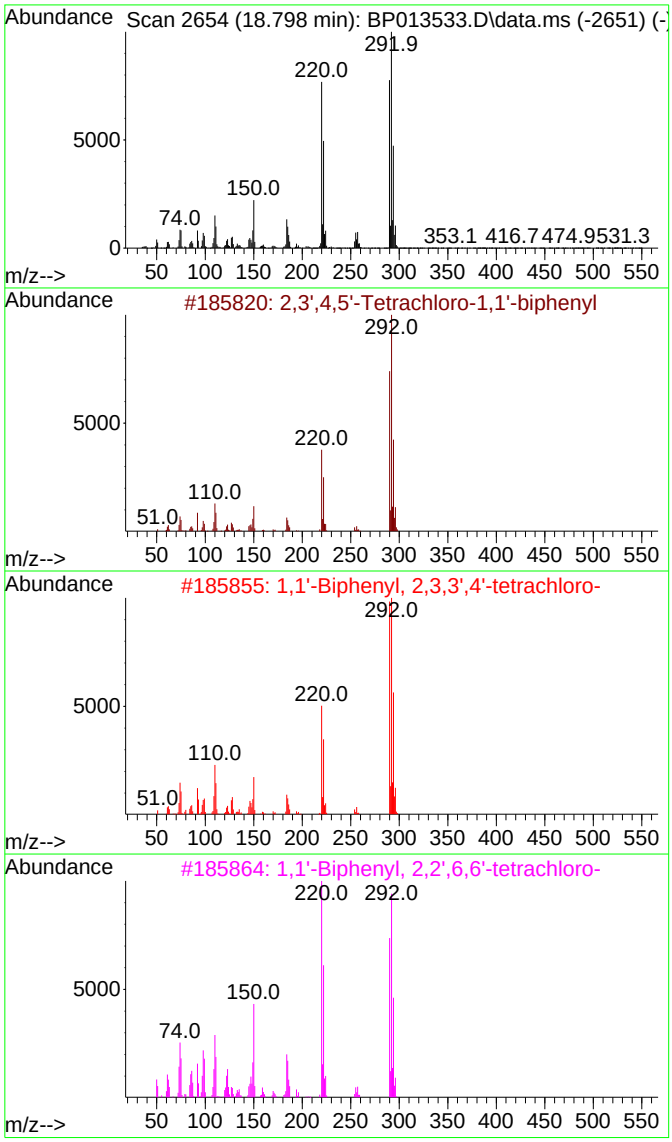
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

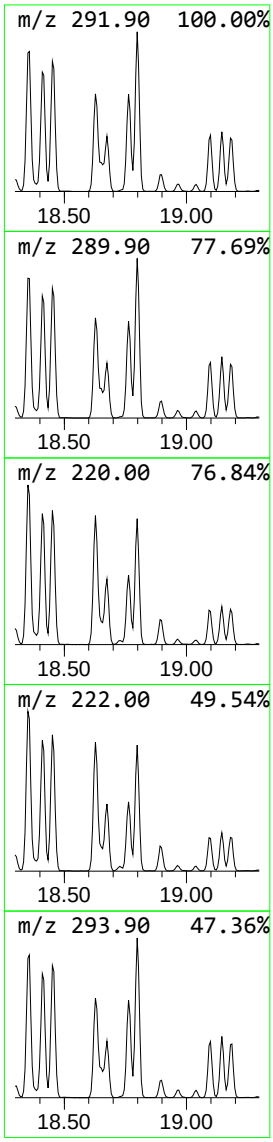
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 2,3',4,5'-Tetrachloro-1,1'-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.798	13.06 ng/ul	6538580	Phenanthrene-d10	17.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3',4,5'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	073575-52-7	99
2	1,1'-Biphenyl, 2,3,3',4'-tetrach...	290	C12H6Cl4	041464-43-1	99
3	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
4	1,1'-Biphenyl, 3,3',5,5'-tetrach...	290	C12H6Cl4	033284-52-5	99
5	1,1'-Biphenyl, 2,3',4',6-tetrach...	290	C12H6Cl4	041464-46-4	99





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Acq On : 18 Jan 2023 21:38
Operator : CG/JU
Sample : 01146-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4412

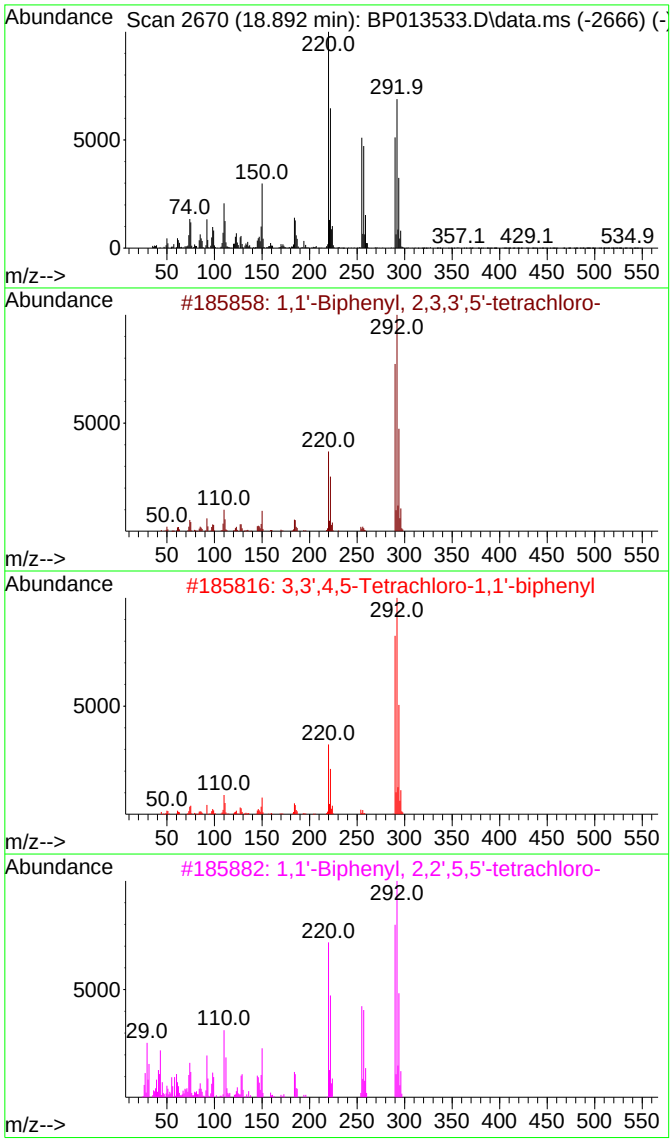
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

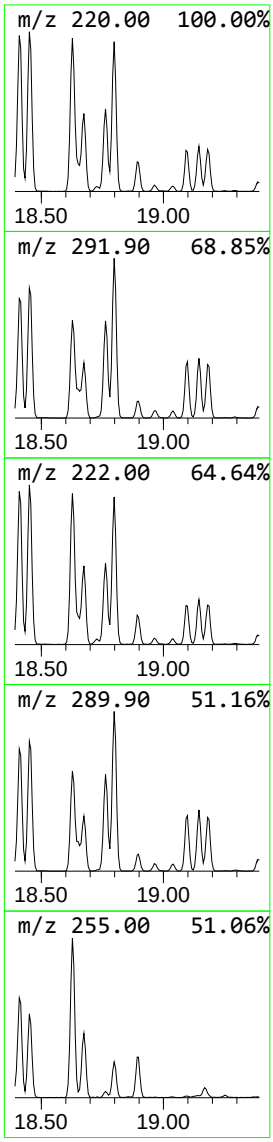
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 1,1'-Biphenyl, 2,3,3',5'-te... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.892	2.62 ng/ul	1312180	Phenanthrene-d10	17.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99
2	3,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-49-1	99
3	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	99
4	1,1'-Biphenyl, 2,2',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	99
5	1,1'-Biphenyl, 2,2',3,5'-tetrach...	290	C12H6Cl4	041464-39-5	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
Data File : BP013533.D
Acq On : 18 Jan 2023 21:38
Operator : CG/JU
Sample : 01146-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4412

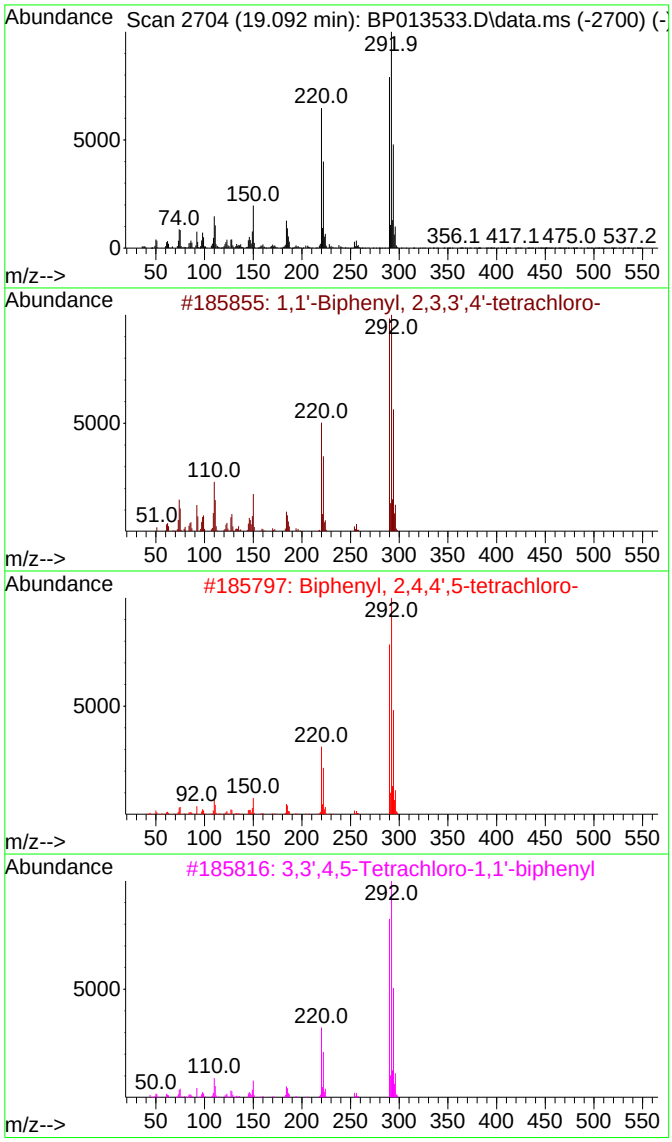
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

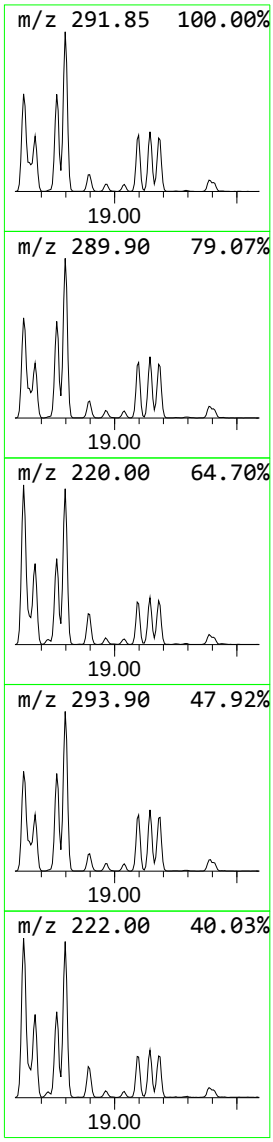
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 1,1'-Biphenyl, 2,3,3',4'-te... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.092	4.29 ng/ul	2149750	Phenanthrene-d10	17.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4'-tetrach...	290	C12H6Cl4	041464-43-1	99
2	Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	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	2,3,3',4-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074338-24-2	99





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Data File : BP013533.D
Acq On : 18 Jan 2023 21:38
Operator : CG/JU
Sample : 01146-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4412

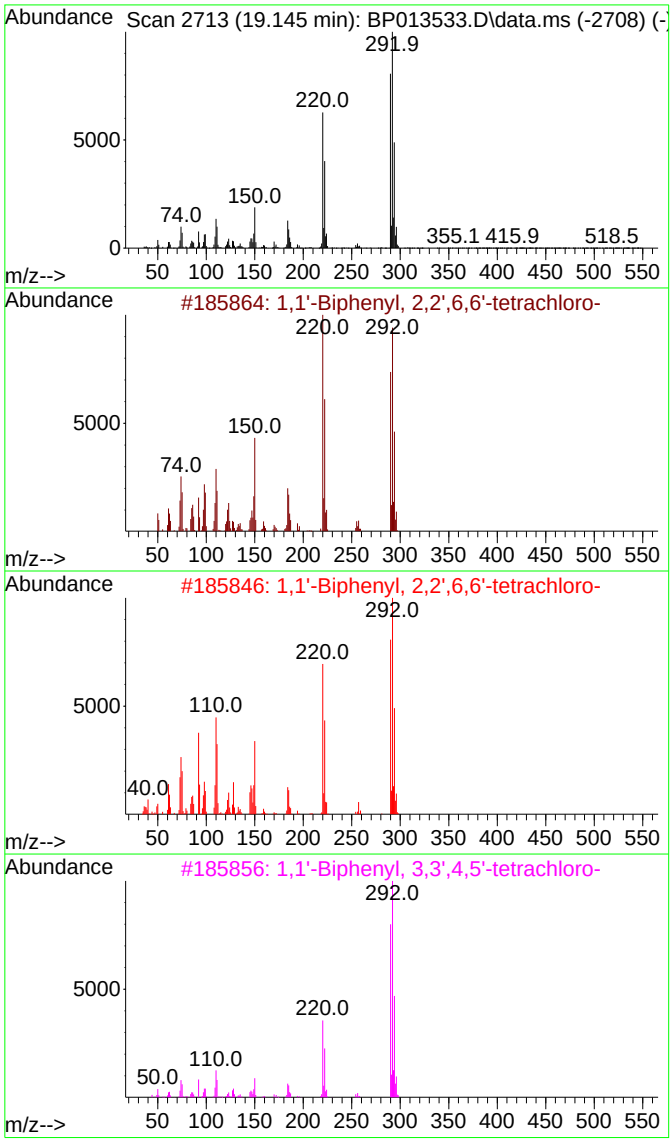
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

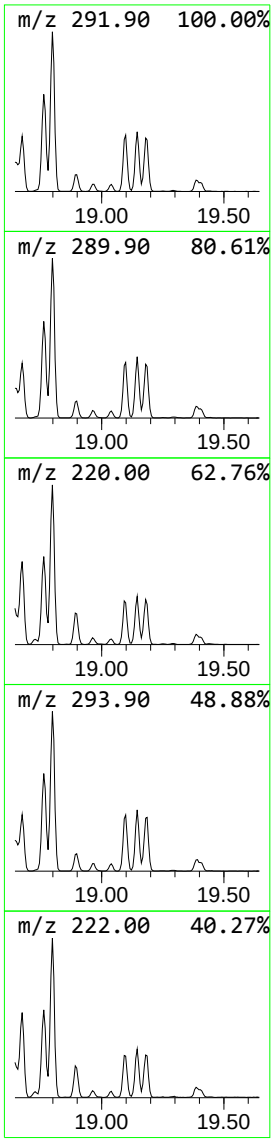
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 1,1'-Biphenyl, 2,2',6,6'-te... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.145	4.50 ng/ul	2255130	Phenanthrene-d10	17.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
2	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
3	1,1'-Biphenyl, 3,3',4,5'-tetrach...	290	C12H6Cl4	041464-48-6	98
4	1,1'-Biphenyl, 3,3',4,4'-tetrach...	290	C12H6Cl4	032598-13-3	98
5	1,1'-Biphenyl, 3,3',5,5'-tetrach...	290	C12H6Cl4	033284-52-5	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
Data File : BP013533.D
Acq On : 18 Jan 2023 21:38
Operator : CG/JU
Sample : 01146-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4412

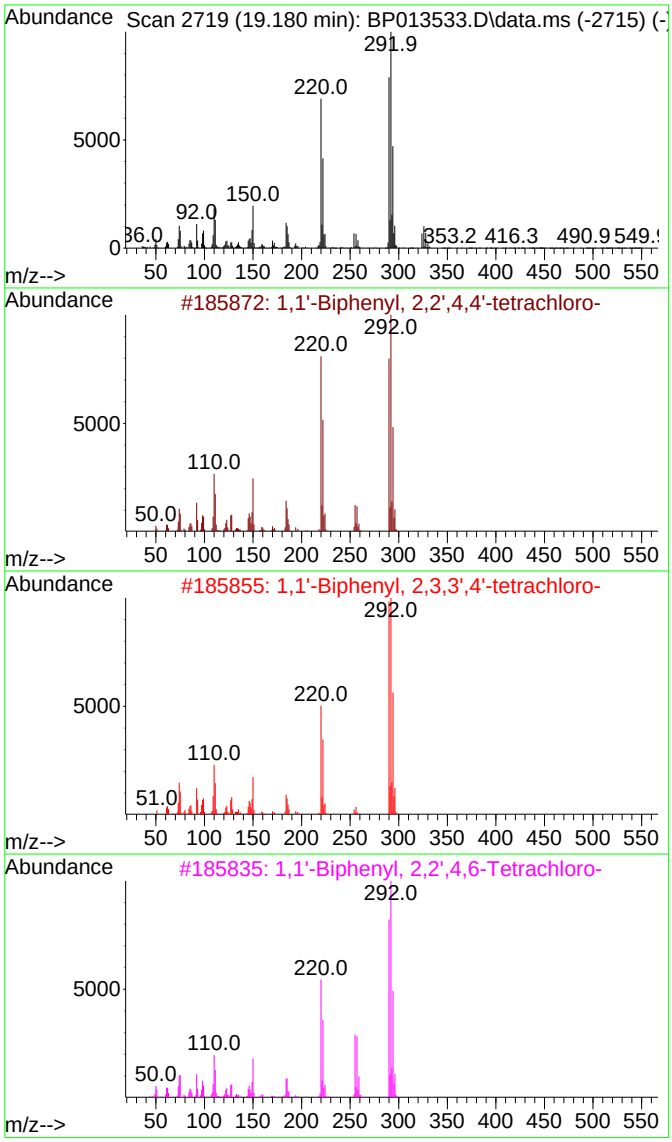
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

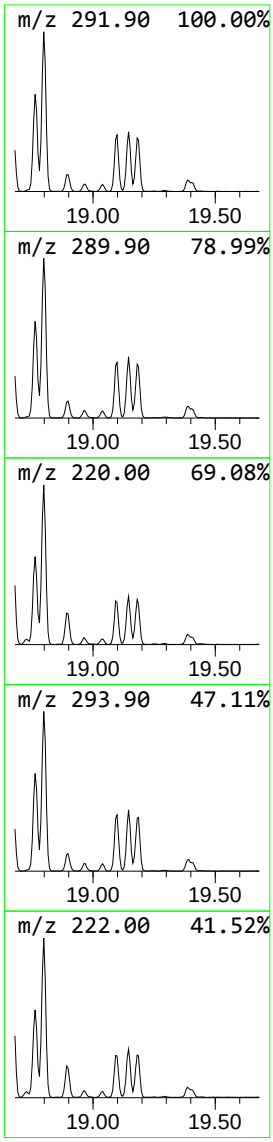
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 1,1'-Biphenyl, 2,2',4,6-Tet... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.180	6.16 ng/ul	3083840	Phenanthrene-d10	17.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
2	1,1'-Biphenyl, 2,3,3',4'-tetrach...	290	C12H6Cl4	041464-43-1	99
3	1,1'-Biphenyl, 2,2',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	99
4	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
5	1,1'-Biphenyl, 2,3',4',5-tetrach...	290	C12H6Cl4	032598-11-1	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
Data File : BP013533.D
Acq On : 18 Jan 2023 21:38
Operator : CG/JU
Sample : 01146-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4412

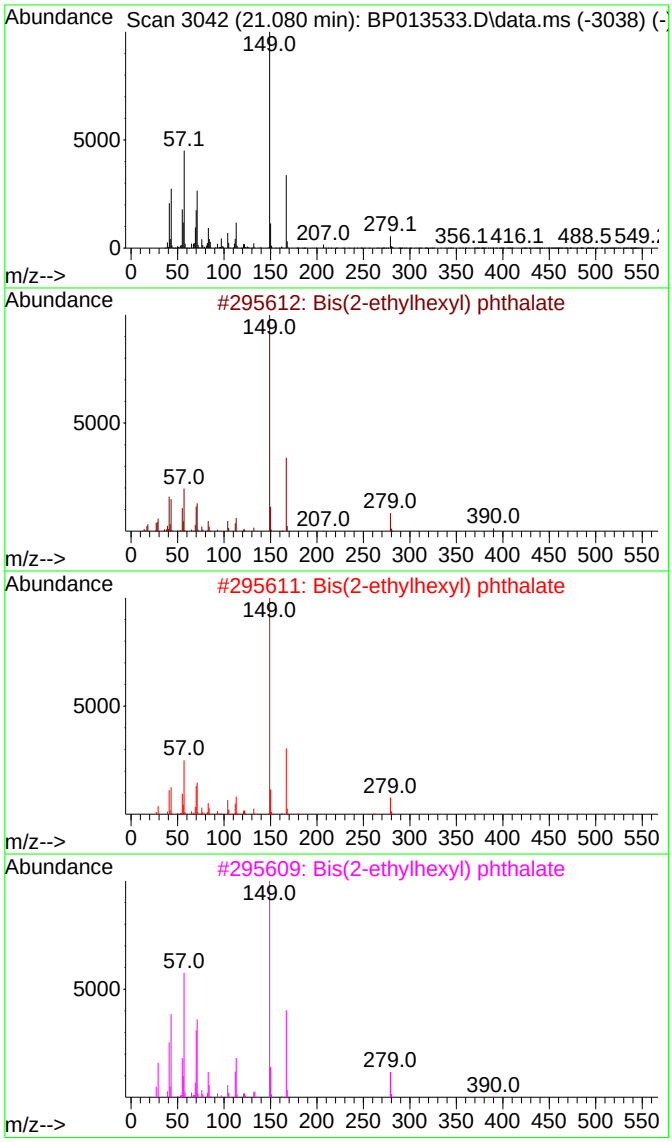
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

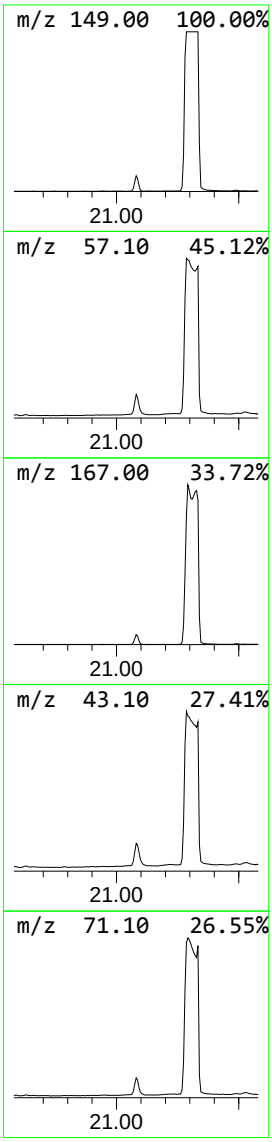
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 Phthalic acid, di(oct-3-yl)... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.080	17.34 ng/ul	5015740	Chrysene-d12	21.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bis(2-ethylhexyl) phthalate	390	C24H38O4	000117-81-7	91
2	Bis(2-ethylhexyl) phthalate	390	C24H38O4	000117-81-7	87
3	Bis(2-ethylhexyl) phthalate	390	C24H38O4	000117-81-7	86
4	Bis(2-ethylhexyl) phthalate	390	C24H38O4	000117-81-7	83
5	Phthalic acid, di(oct-3-yl) ester	390	C24H38O4	1000377-72-3	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
Data File : BP013533.D
Acq On : 18 Jan 2023 21:38
Operator : CG/JU
Sample : 01146-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4412

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
9H-Fluorene, 9-...	15.751	2.8	ng/ul	647087	3	14.545	4550460	20.0
1,1'-Biphenyl, ...	15.798	41.6	ng/ul	9464010	3	14.545	4550460	20.0
Benzene, 3,5-di...	15.828	121.3	ng/ul	27594300	3	14.545	4550460	20.0
Benzophenone	15.904	2.8	ng/ul	627530	3	14.545	4550460	20.0
1,1'-Biphenyl, ...	16.133	34.9	ng/ul	17475400	4	17.304	10013300	20.0
1,1'-Biphenyl, ...	16.410	2.6	ng/ul	1309910	4	17.304	10013300	20.0
1,1'-Biphenyl, ...	16.527	15.5	ng/ul	7747820	4	17.304	10013300	20.0
1,1'-Biphenyl, ...	16.827	13.1	ng/ul	6540880	4	17.304	10013300	20.0
1,1'-Biphenyl, ...	17.174	8.8	ng/ul	4420440	4	17.304	10013300	20.0
1,1'-Biphenyl, ...	17.216	12.4	ng/ul	6191250	4	17.304	10013300	20.0
1,1'-Biphenyl, ...	17.480	23.2	ng/ul	11602500	4	17.304	10013300	20.0
1,1'-Biphenyl, ...	17.751	4.1	ng/ul	2058320	4	17.304	10013300	20.0
1,1'-Biphenyl, ...	17.904	45.9	ng/ul	22962700	4	17.304	10013300	20.0
1,1'-Biphenyl, ...	18.022	11.8	ng/ul	5922130	4	17.304	10013300	20.0
1,1'-Biphenyl, ...	18.086	2.1	ng/ul	1050960	4	17.304	10013300	20.0
1,1'-Biphenyl, ...	18.139	9.5	ng/ul	4769440	4	17.304	10013300	20.0
2,2',3,6-Tetrac...	18.192	5.5	ng/ul	2751220	4	17.304	10013300	20.0
2,2',4,6'-Tetra...	18.351	17.5	ng/ul	8759000	4	17.304	10013300	20.0
1,1'-Biphenyl, ...	18.410	13.5	ng/ul	6773470	4	17.304	10013300	20.0
2,2',4,5-Tetrac...	18.451	13.2	ng/ul	6586530	4	17.304	10013300	20.0
1,1'-Biphenyl, ...	18.627	15.3	ng/ul	7633990	4	17.304	10013300	20.0
1,1'-Biphenyl, ...	18.674	6.4	ng/ul	3205650	4	17.304	10013300	20.0
unknown-01	18.727	4.8	ng/ul	2422440	4	17.304	10013300	20.0
1,1'-Biphenyl, ...	18.763	7.9	ng/ul	3972610	4	17.304	10013300	20.0
2,3',4,5'-Tetra...	18.798	13.1	ng/ul	6538580	4	17.304	10013300	20.0
1,1'-Biphenyl, ...	18.892	2.6	ng/ul	1312180	4	17.304	10013300	20.0
1,1'-Biphenyl, ...	19.092	4.3	ng/ul	2149750	4	17.304	10013300	20.0
1,1'-Biphenyl, ...	19.145	4.5	ng/ul	2255130	4	17.304	10013300	20.0
1,1'-Biphenyl, ...	19.180	6.2	ng/ul	3083840	4	17.304	10013300	20.0
Phthalic acid, ...	21.080	17.3	ng/ul	5015740	5	21.392	5783940	20.0