LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012324\
Data File : BP019424.D
Acq On : 23 Jan 2024 17:18
Operator : MA/JU
Sample : P1157-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AC0

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-BP010824.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP019424.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.134	4	8	12	rVB	1027841	1058485	36.80%	3.643%
2	3.469	62	65	69	rVB2	24111	26535	0.92%	0.091%
3	3.952	143	147	152	rVB	11005	14972	0.52%	0.052%
4	4.393	218	222	229	rVB2	5730	7776	0.27%	0.027%
5	5.081	333	339	345	rBV	150896	215518	7.49%	0.742%
6	6.028	492	500	507	rBV	4159	11518	0.40%	0.040%
7	6.246	532	537	545	rVB	4649	10595	0.37%	0.036%
8	6.746	619	622	627	rVB5	7224	9530	0.33%	0.033%
9	6.899	644	648	656	rVB10	6123	15232	0.53%	0.052%
10	7.657	772	777	783	rBV3	9184	19238	0.67%	0.066%
11	7.769	786	796	811	rVV	661175	1068863	37.17%	3.679%
12	8.416	899	906	910	rBV10	4606	11197	0.39%	0.039%
13	8.581	930	934	939	rVV7	5300	9007	0.31%	0.031%
14	8.863	978	982	989	rVV8	6654	13824	0.48%	0.048%
15	8.951	992	997	1001	rVV8	4317	9308	0.32%	0.032%
16	9.116	1018	1025	1030	rVB8	5585	13491	0.47%	0.046%
17	9.469	1079	1085	1091	rVB8	4835	10871	0.38%	0.037%
18	9.834	1137	1147	1150	rVB8	3232	8047	0.28%	0.028%
19	9.969	1163	1170	1175	rBV8	4752	13008	0.45%	0.045%
20	10.145	1194	1200	1204	rBV8	3980	7935	0.28%	0.027%
21	10.563	1257	1271	1278	rBV	856716	1411623	49.08%	4.859%
22	10.716	1293	1297	1303	rVB3	12296	20231	0.70%	0.070%
23	11.034	1347	1351	1357	rVB8	4486	9295	0.32%	0.032%
24	11.481	1422	1427	1433	rVB9	5154	9758	0.34%	0.034%
25	11.581	1439	1444	1448	rBV3	14072	23789	0.83%	0.082%
26	12.234	1552	1555	1560	rVB3	8219	11668	0.41%	0.040%
27	12.457	1584	1593	1600	rBV3	14123	34043	1.18%	0.117%
28	12.616	1616	1620	1623	rVV5	5525	8196	0.28%	0.028%
29	12.675	1625	1630	1636	rVB9	5258	12863	0.45%	0.044%
30	12.892	1663	1667	1671	rBV6	5711	10650	0.37%	0.037%
31	12.939	1671	1675	1679	rVB	22055	27445	0.95%	0.094%
32	13.181	1710	1716	1718	rBV7	6136	10125	0.35%	0.035%
33	13.251	1724	1728	1732	rVB7	7004	10913	0.38%	0.038%
34	13.328	1737	1741	1748	rVB10	6095	14321	0.50%	0.049%
35	13.469	1757	1765	1769	rBV10	7042	12227	0.43%	0.042%
36	13.739	1806	1811	1816	rBV4	12532	24436	0.85%	0.084%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012324\
Data File : BP019424.D
Acq On : 23 Jan 2024 17:18
Operator : MA/JU
Sample : P1157-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AC0

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-BP010824.MA.M
Title : SVOA CALIBRATION

37	13.816	1818	1824	1830	rVB4	19189	35282	1.23%	0.121%
38	13.892	1830	1837	1841	rBV2	32930	50479	1.76%	0.174%
39	13.933	1841	1844	1848	rBV6	7626	11759	0.41%	0.040%
40	14.010	1854	1857	1860	rVB5	7016	8582	0.30%	0.030%
41	14.139	1875	1879	1886	rBV10	8366	18212	0.63%	0.063%
42	14.233	1891	1895	1902	rVB6	21189	39909	1.39%	0.137%
43	14.310	1902	1908	1911	rBV7	9540	20664	0.72%	0.071%
44	14.416	1915	1926	1934	rVV	1418235	2211231	76.89%	7.611%
45	14.475	1934	1936	1943	rVV3	24790	49148	1.71%	0.169%
46	14.539	1943	1947	1955	rVV	49641	78666	2.74%	0.271%
47	14.639	1958	1964	1969	rVB7	10490	25288	0.88%	0.087%
48	14.816	1990	1994	2005	rVB2	24238	41600	1.45%	0.143%
49	14.933	2010	2014	2023	rVB2	14534	25596	0.89%	0.088%
50	15.039	2027	2032	2038	rBV8	13191	30020	1.04%	0.103%
51	15.192	2054	2058	2063	rBV8	14352	27167	0.94%	0.094%
52	15.322	2076	2080	2083	rBV5	7720	12876	0.45%	0.044%
53	15.363	2083	2087	2098	rVB4	17284	35174	1.22%	0.121%
54	15.469	2101	2105	2109	rVB4	21314	31743	1.10%	0.109%
55	15.669	2134	2139	2146	rVB	695191	963455	33.50%	3.316%
56	15.757	2152	2154	2162	rVB8	11153	22807	0.79%	0.078%
57	15.916	2179	2181	2184	rBV3	6832	8054	0.28%	0.028%
58	16.116	2211	2215	2218	rBV2	52471	78526	2.73%	0.270%
59	16.151	2218	2221	2226	rVB2	53928	76074	2.65%	0.262%
60	16.280	2239	2243	2251	rVB	129687	176713	6.14%	0.608%
61	16.398	2258	2263	2269	rBV	188746	240805	8.37%	0.829%
62	16.698	2309	2314	2318	rBV	400237	523540	18.20%	1.802%
63	16.739	2318	2321	2329	rVB4	35183	57165	1.99%	0.197%
64	16.974	2359	2361	2368	rVB4	35704	51444	1.79%	0.177%
65	17.045	2368	2373	2376	rBV2	251934	380688	13.24%	1.310%
66	17.080	2376	2379	2385	rVB	656465	876978	30.49%	3.018%
67	17.169	2388	2394	2409	rBV	1715939	2875989	100.00%	9.899%
68	17.351	2419	2425	2434	rBV	439747	593948	20.65%	2.044%
69	17.551	2456	2459	2463	rBV2	50092	66612	2.32%	0.229%
70	17.627	2467	2472	2474	rVV	445282	575593	20.01%	1.981%
71	17.657	2474	2477	2482	rVB	367088	459058	15.96%	1.580%
72	17.769	2490	2496	2503	rVB2	327921	649034	22.57%	2.234%
73	17.880	2510	2515	2523	rBV	528151	709342	24.66%	2.442%
74	17.963	2524	2529	2535	rBV	406758	543684	18.90%	1.871%
75	18.016	2535	2538	2541	rBV	45841	60999	2.12%	0.210%
76	18.174	2561	2565	2570	rBV2	78344	140337	4.88%	0.483%

LSC Area Percent Report

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Acq On : 23 Jan 2024 17:18
Operator : MA/JU
Sample : P1157-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AC0

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

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Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Title : SVOA CALIBRATION

77	18.227	2570	2574	2579	rVV	953254	1240303	43.13%	4.269%
78	18.286	2579	2584	2588	rVV	988625	1255455	43.65%	4.321%
79	18.327	2588	2591	2598	rVB	842907	1031474	35.87%	3.550%
80	18.504	2617	2621	2625	rBV	199401	252549	8.78%	0.869%
81	18.551	2625	2629	2634	rVB	108761	139803	4.86%	0.481%
82	18.610	2636	2639	2641	rBV2	84701	101166	3.52%	0.348%
83	18.639	2641	2644	2648	rVB	243411	267012	9.28%	0.919%
84	18.745	2658	2662	2663	rBV4	45215	60530	2.10%	0.208%
85	18.821	2672	2675	2678	rBV4	39146	50777	1.77%	0.175%
86	19.027	2707	2710	2711	rBV	110961	111163	3.87%	0.383%
87	19.051	2711	2714	2720	rVB2	323738	522070	18.15%	1.797%
88	19.133	2724	2728	2733	rVB	135386	181736	6.32%	0.626%
89	19.192	2734	2738	2742	rBV	100508	128583	4.47%	0.443%
90	19.245	2742	2747	2754	rBV2	227772	392464	13.65%	1.351%
91	19.321	2756	2760	2766	rVB	417712	562823	19.57%	1.937%
92	19.386	2768	2771	2776	rVB	229040	261244	9.08%	0.899%
93	19.457	2780	2783	2787	rVB2	93230	121498	4.22%	0.418%
94	19.516	2790	2793	2795	rBV4	45404	52836	1.84%	0.182%
95	19.763	2831	2835	2840	rVB	383741	480877	16.72%	1.655%
96	20.015	2874	2878	2883	rBV4	201115	262868	9.14%	0.905%
97	20.068	2883	2887	2892	rBV	225543	269417	9.37%	0.927%
98	20.286	2921	2924	2929	rVB	184954	213231	7.41%	0.734%
99	21.274	3087	3092	3099	rBV	1542164	2000079	69.54%	6.884%
100	23.621	3486	3491	3499	rVB	1028779	2002797	69.64%	6.893%

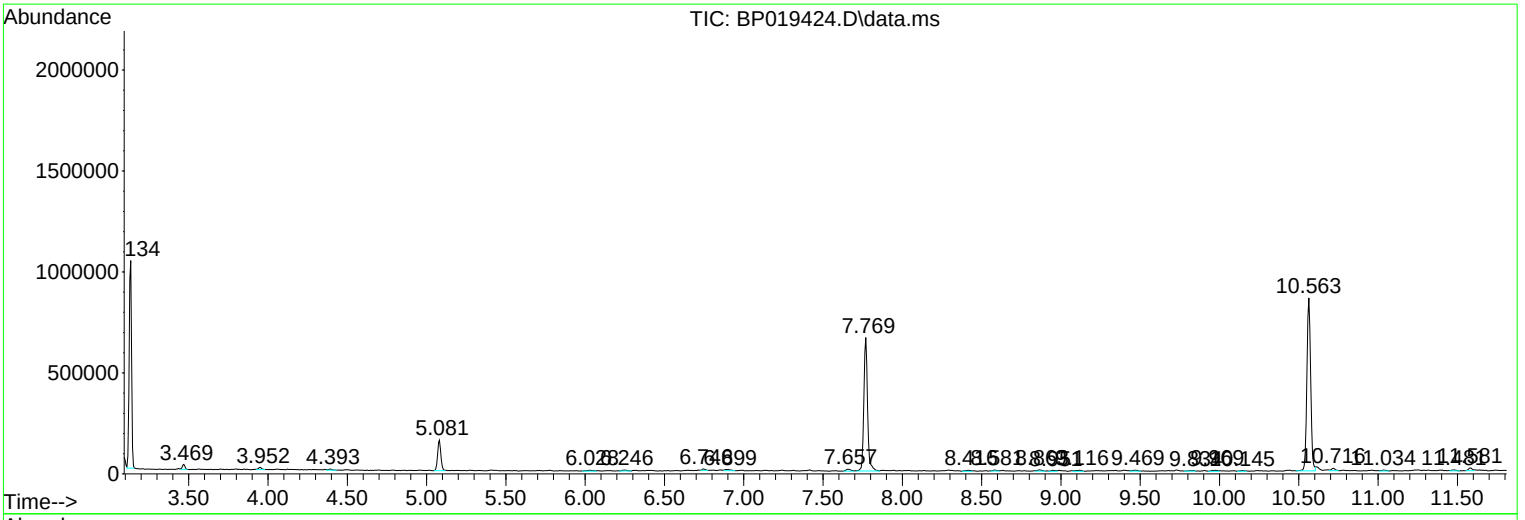
Sum of corrected areas: 29053529

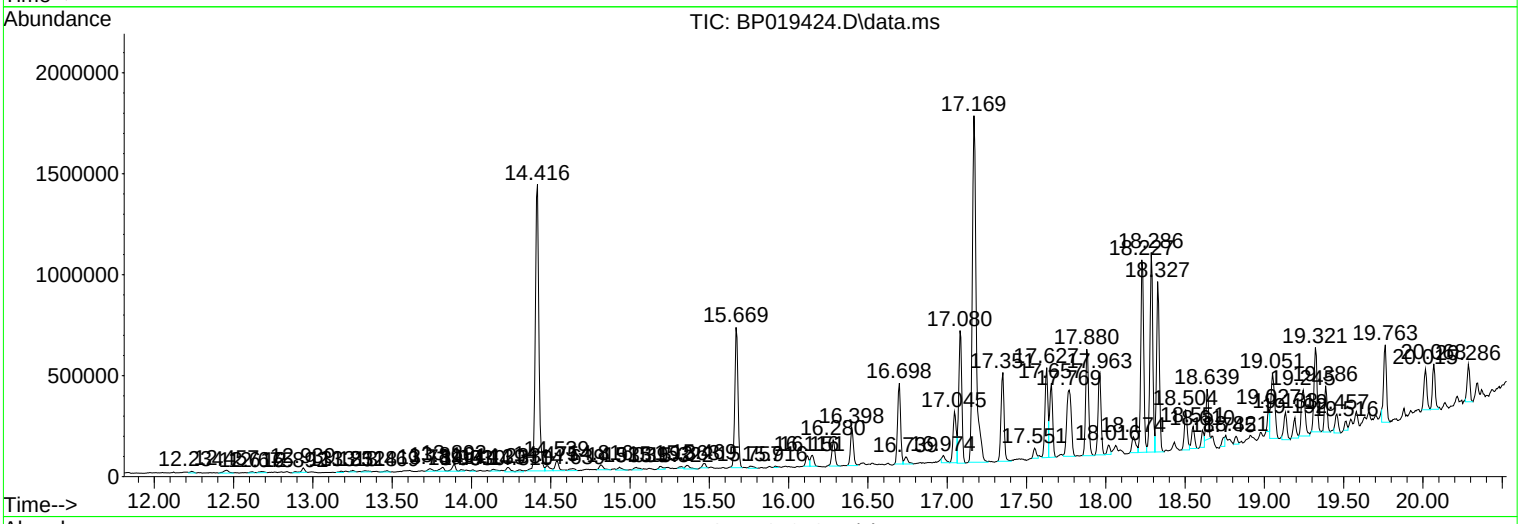
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012324\
Data File : BP019424.D
Acq On : 23 Jan 2024 17:18
Operator : MA/JU
Sample : P1157-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

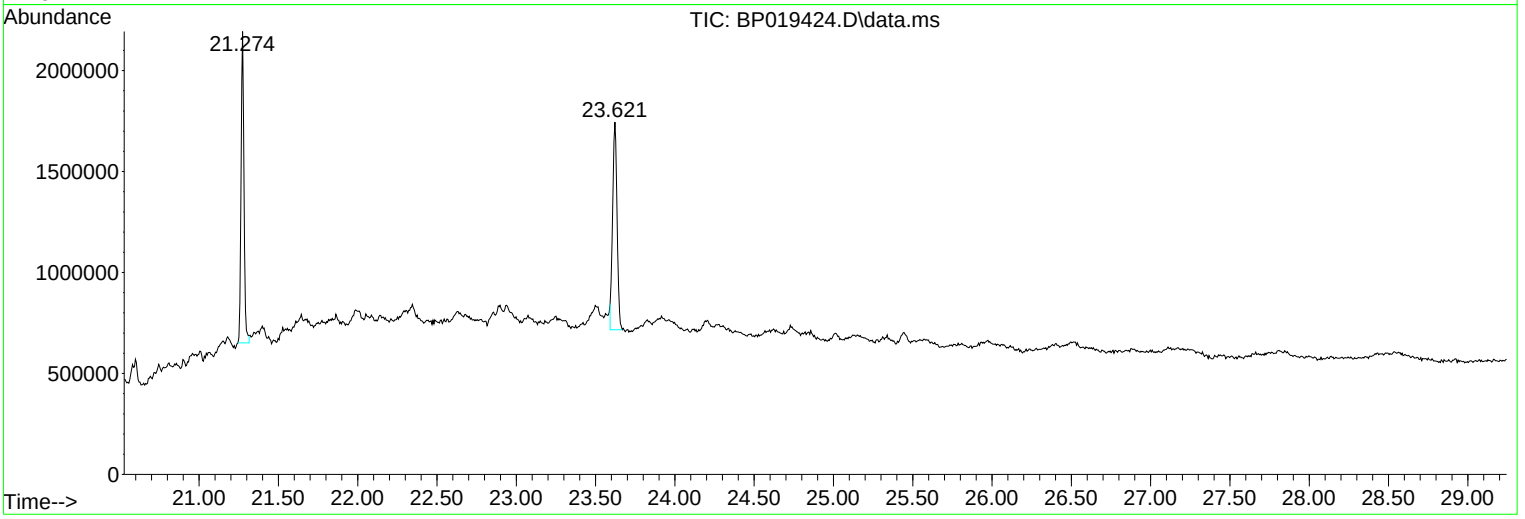
Instrument :
BNA_P
ClientSampleId :
C0AC0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

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







Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012324\
Data File : BP019424.D
Acq On : 23 Jan 2024 17:18
Operator : MA/JU
Sample : P1157-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AC0

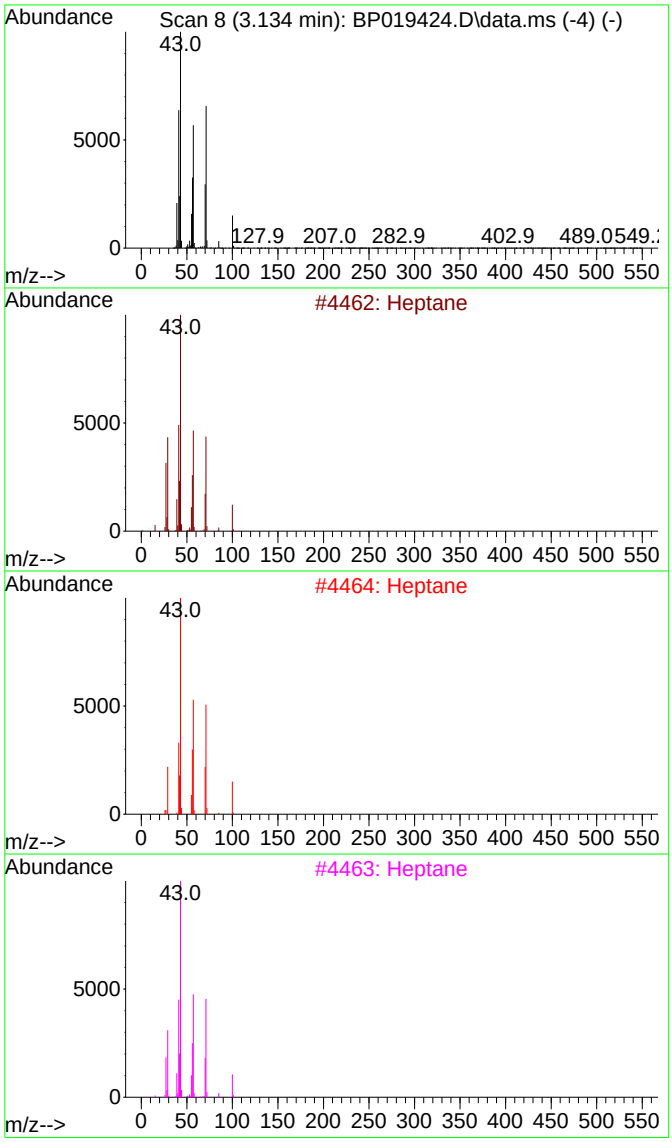
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

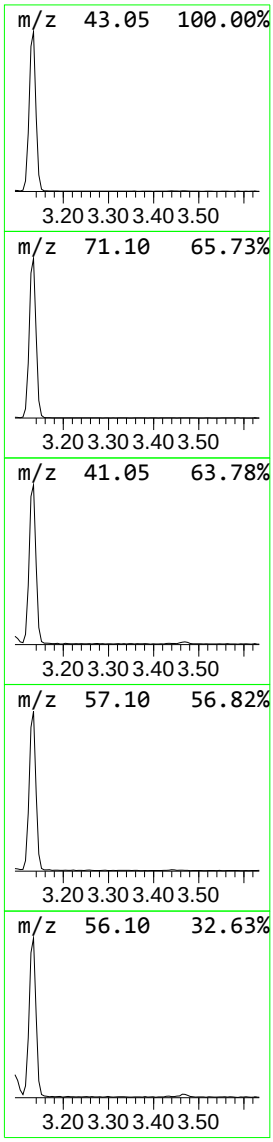
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.134	19.81 ng/ul	1058490	1,4-Dichlorobenzene-d4	7.769

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	91
2	Heptane	100	C7H16	000142-82-5	91
3	Heptane	100	C7H16	000142-82-5	90
4	Heptane	100	C7H16	000142-82-5	86
5	Hexane, 3-methyl-	100	C7H16	000589-34-4	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012324\
Data File : BP019424.D
Acq On : 23 Jan 2024 17:18
Operator : MA/JU
Sample : P1157-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AC0

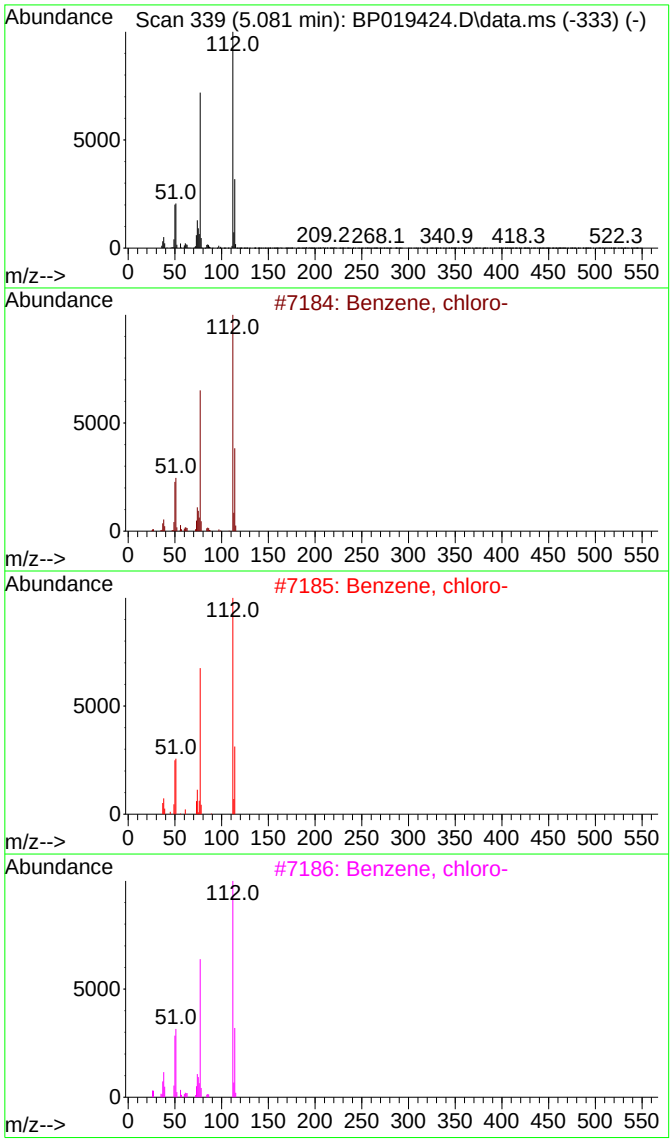
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

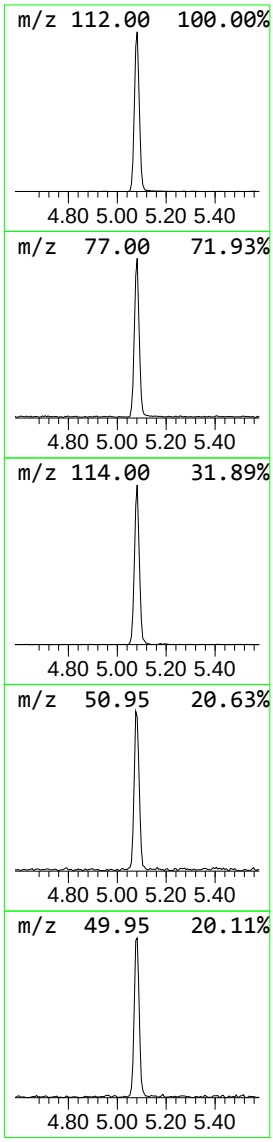
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, chloro- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.081	4.03 ng/ul	215518	1,4-Dichlorobenzene-d4	7.769

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, chloro-	112	C6H5Cl	000108-90-7	96
2	Benzene, chloro-	112	C6H5Cl	000108-90-7	95
3	Benzene, chloro-	112	C6H5Cl	000108-90-7	95
4	Benzene, chloro-	112	C6H5Cl	000108-90-7	94
5	Benzene, chloro-	112	C6H5Cl	000108-90-7	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012324\
Data File : BP019424.D
Acq On : 23 Jan 2024 17:18
Operator : MA/JU
Sample : P1157-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AC0

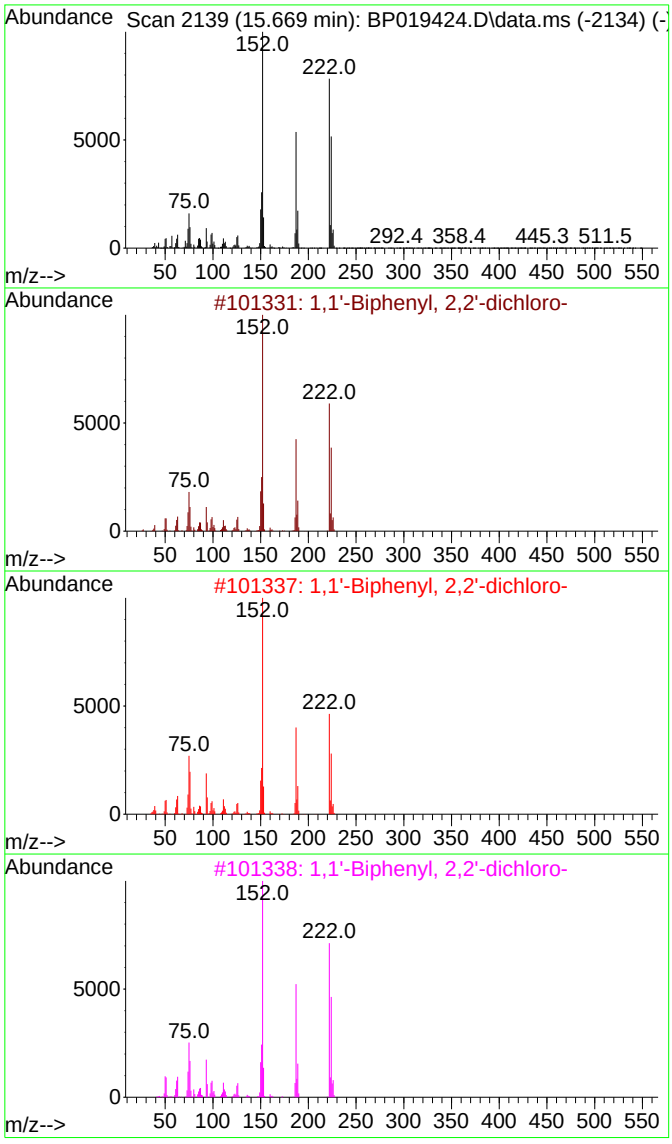
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

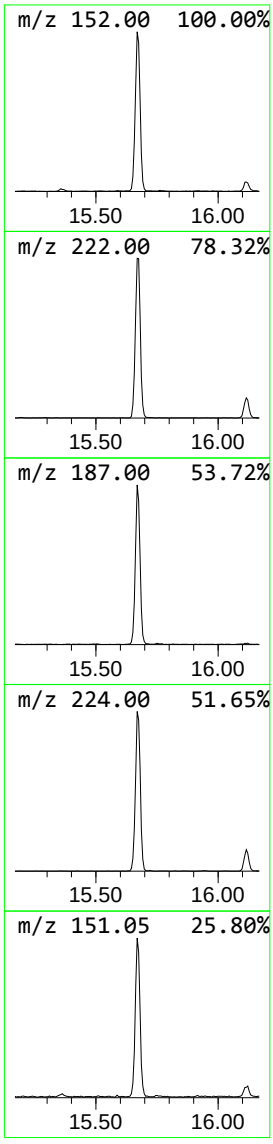
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.669	8.71 ng/ul	963455	Acenaphthene-d10	14.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	99
2	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	99
3	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	98
4	1,1'-Biphenyl, 2,4'-dichloro-	222	C12H8Cl2	034883-43-7	97
5	1,1'-Biphenyl, 4,4'-dichloro-	222	C12H8Cl2	002050-68-2	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012324\
Data File : BP019424.D
Acq On : 23 Jan 2024 17:18
Operator : MA/JU
Sample : P1157-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AC0

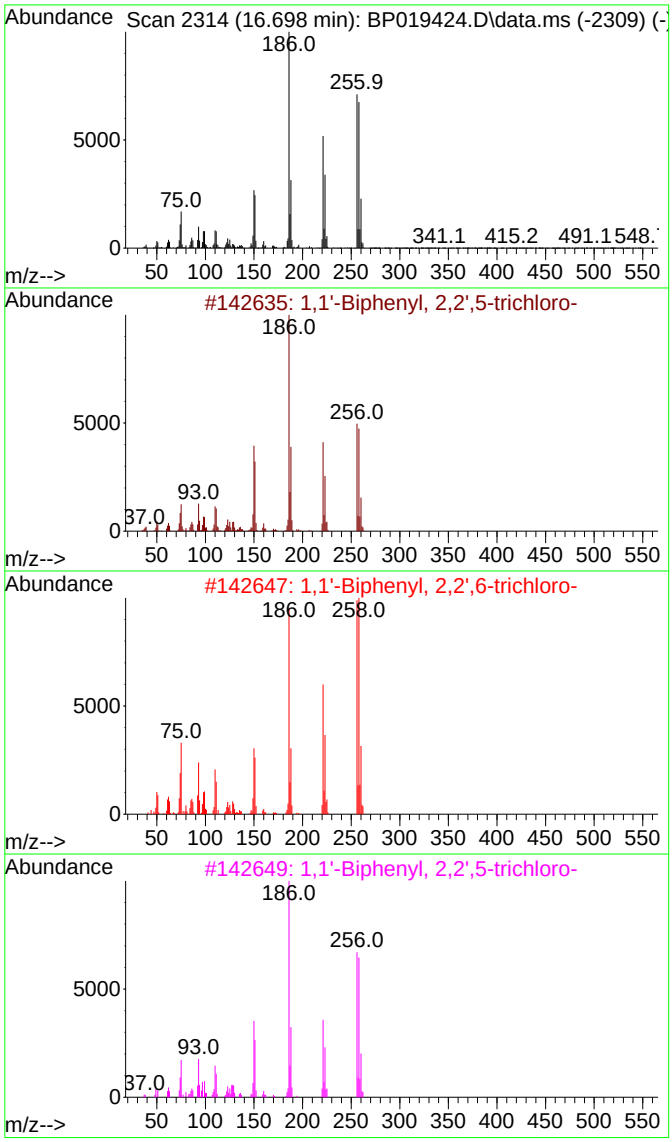
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

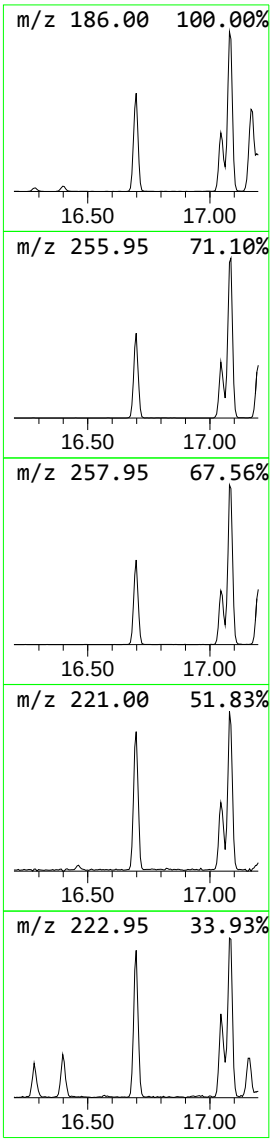
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1,1'-Biphenyl, 2,2',5-trich... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.698	3.64 ng/ul	523540	Phenanthrene-d10	17.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	99
2	1,1'-Biphenyl, 2,2',6-trichloro-	256	C12H7Cl3	038444-73-4	99
3	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	99
4	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99
5	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	98





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012324\
Data File : BP019424.D
Acq On : 23 Jan 2024 17:18
Operator : MA/JU
Sample : P1157-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AC0

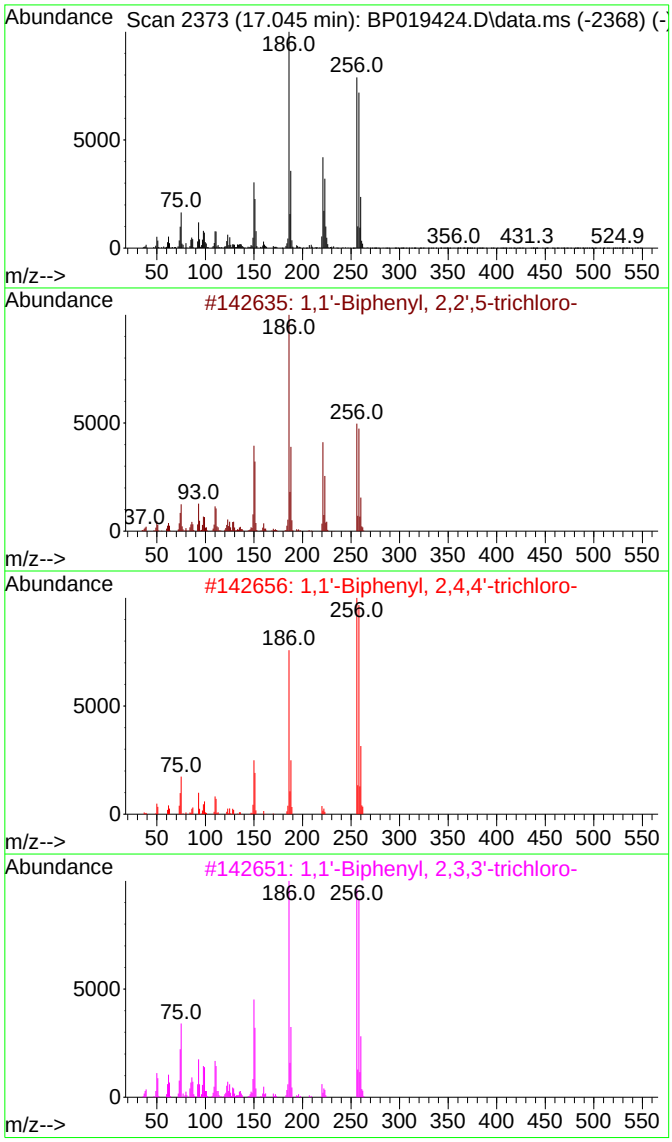
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

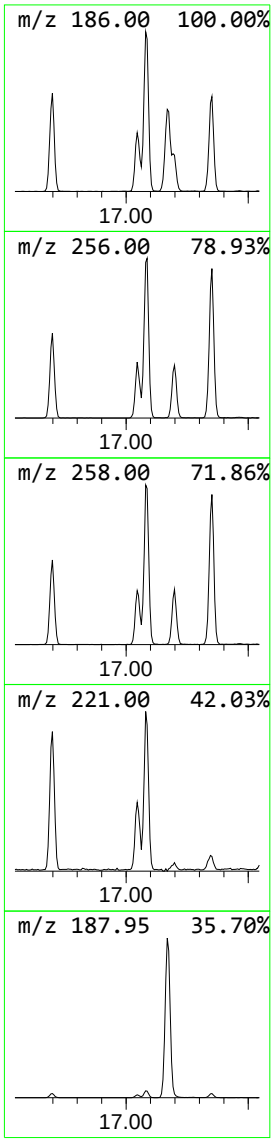
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1,1'-Biphenyl, 2,4,4'-trich... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.045	2.65 ng/ul	380688	Phenanthrene-d10	17.169

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, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	98
4	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	97
5	2,3',6-Trichlorobiphenyl	256	C12H7Cl3	038444-76-7	96





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Acq On : 23 Jan 2024 17:18
Operator : MA/JU
Sample : P1157-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AC0

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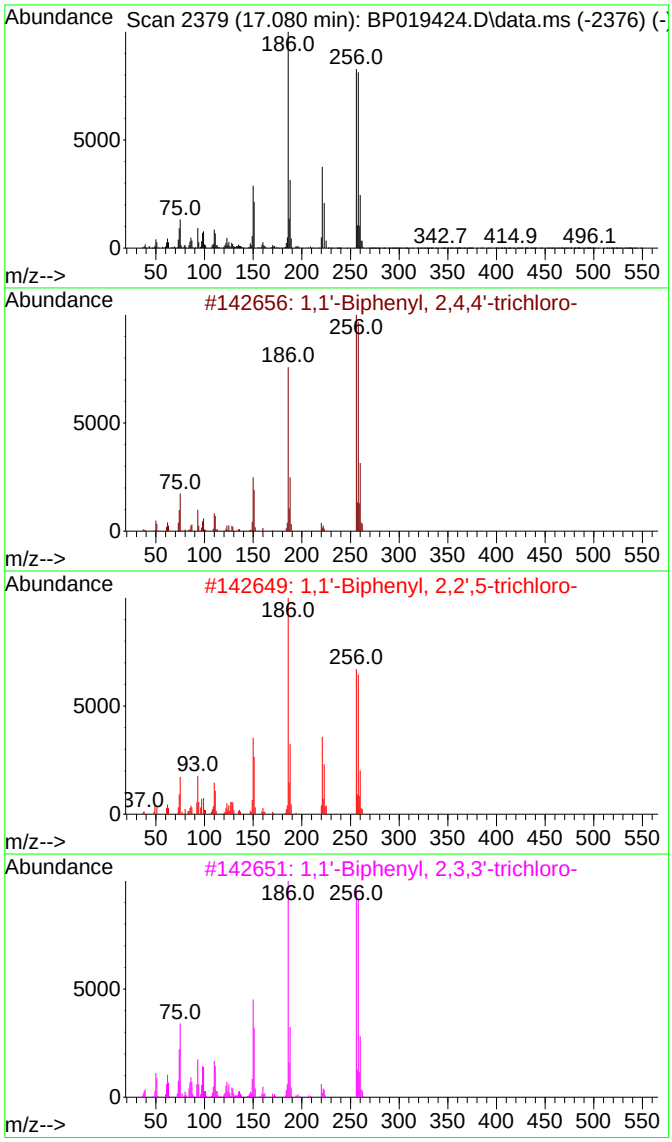
Quant Title : SVOA CALIBRATION

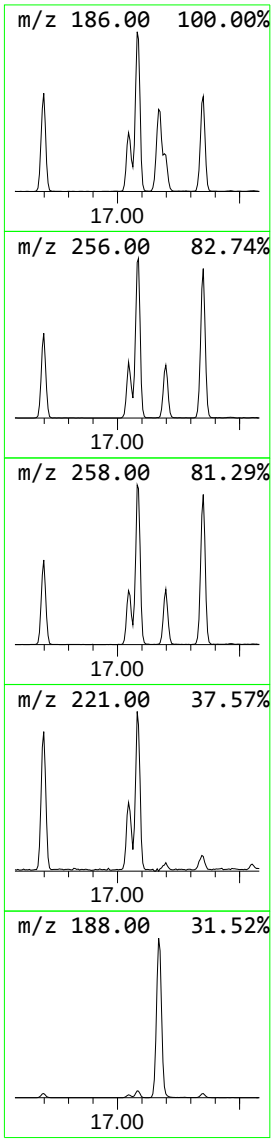
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.080	6.10 ng/ul	876978	Phenanthrene-d10	17.169

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, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	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',3,4-trichloro-	256	C12H7Cl3	038444-86-9	98





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Sample : P1157-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AC0

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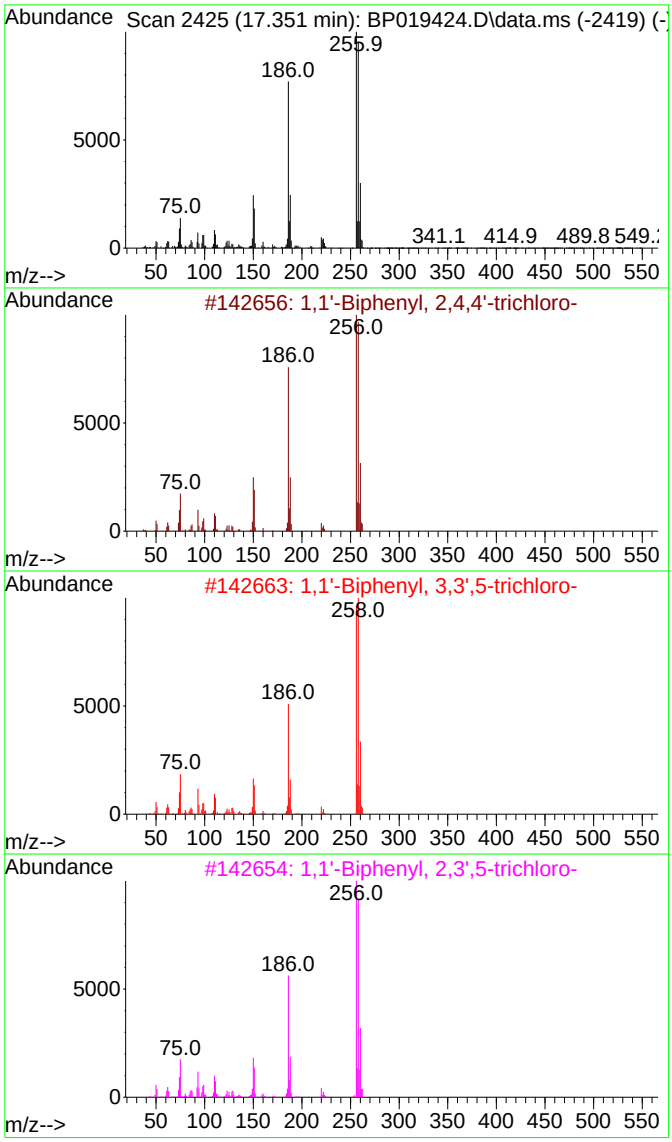
Quant Title : SVOA CALIBRATION

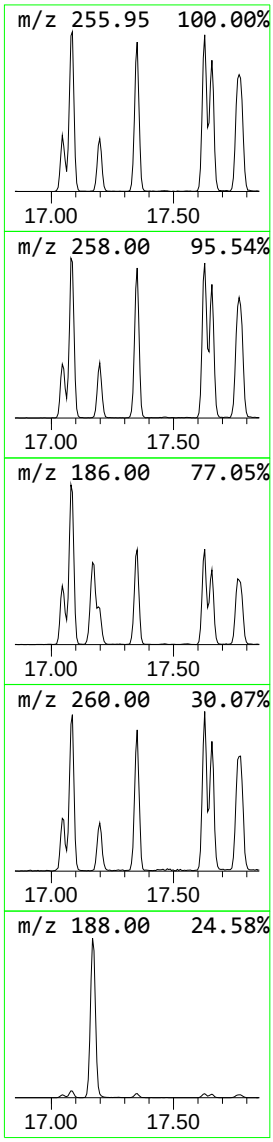
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1,1'-Biphenyl, 3,3',5-trich... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.351	4.13 ng/ul	593948	Phenanthrene-d10	17.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99
2	1,1'-Biphenyl, 3,3',5-trichloro-	256	C12H7Cl3	038444-87-0	99
3	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	99
4	1,1'-Biphenyl, 2',3,5-trichloro-	256	C12H7Cl3	037680-68-5	99
5	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	99





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Operator : MA/JU
Sample : P1157-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AC0

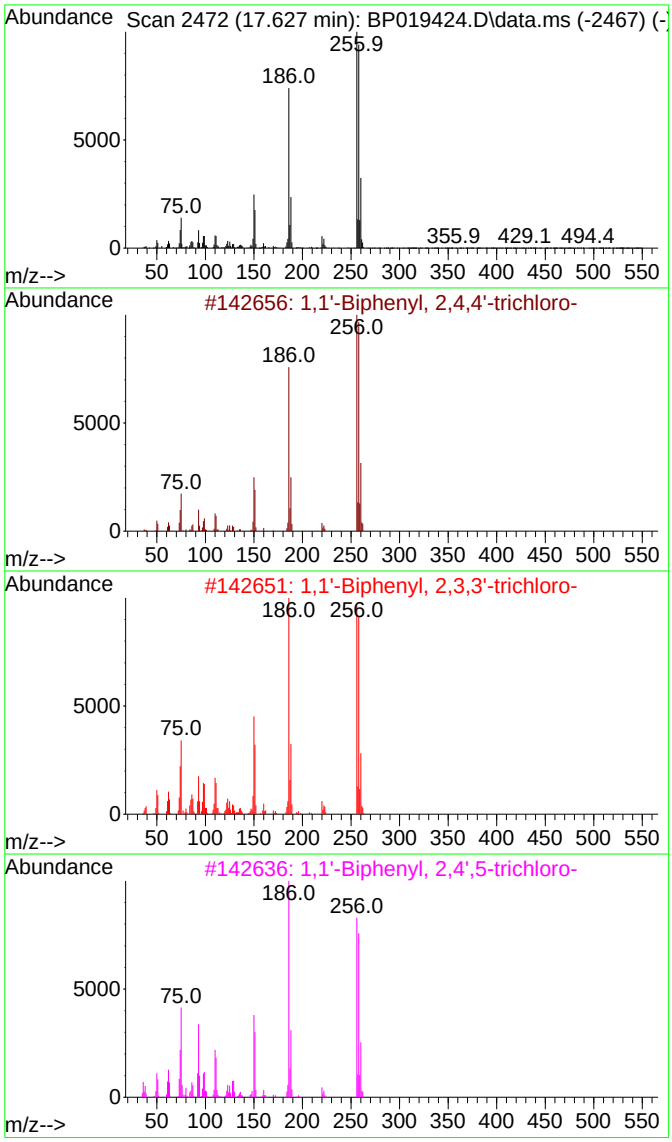
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

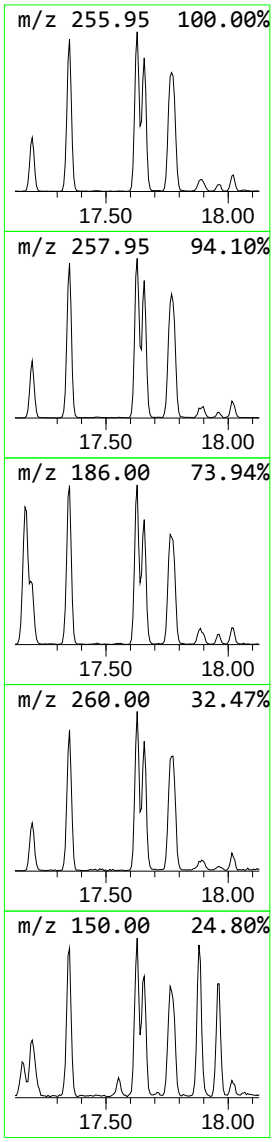
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 1,1'-Biphenyl, 2,4',5-trich... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.627	4.00 ng/ul	575593	Phenanthrene-d10	17.169

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	98
4	1,1'-Biphenyl, 3,3',5-trichloro-	256	C12H7Cl3	038444-87-0	97
5	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	97





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Operator : MA/JU
Sample : P1157-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AC0

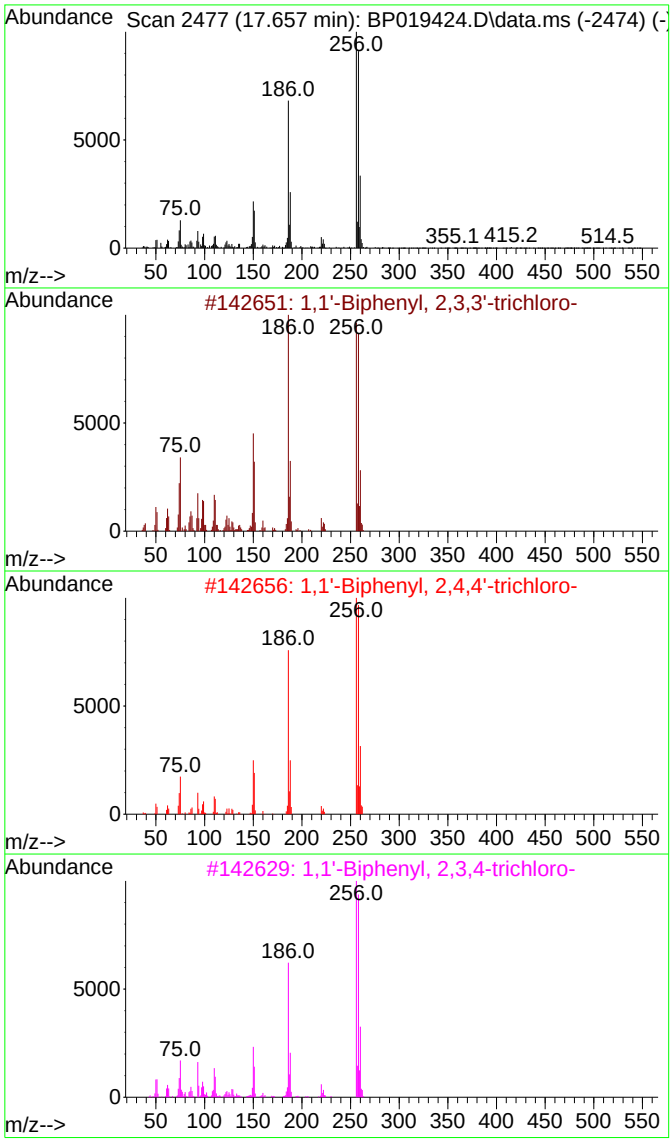
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

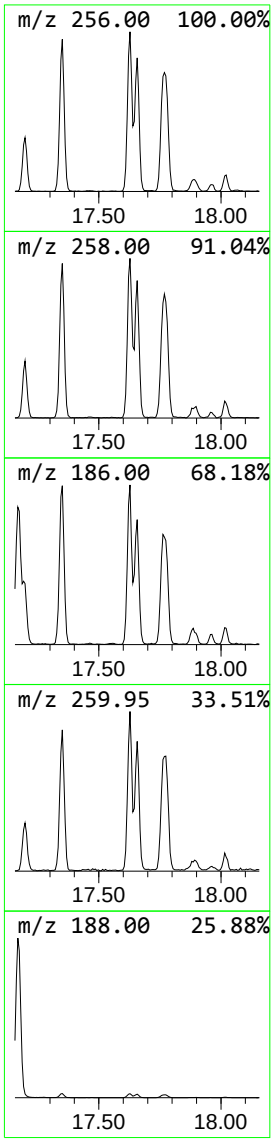
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 1,1'-Biphenyl, 2,3,4-trichl... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.657	3.19 ng/ul	459058	Phenanthrene-d10	17.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	98
2	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	98
3	1,1'-Biphenyl, 2,3,4-trichloro-	256	C12H7Cl3	055702-46-0	97
4	2,4',6-Trichloro-1,1'-biphenyl	256	C12H7Cl3	038444-77-8	96
5	3,3',4-Trichloro-1,1'-biphenyl	256	C12H7Cl3	037680-69-6	96





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Operator : MA/JU
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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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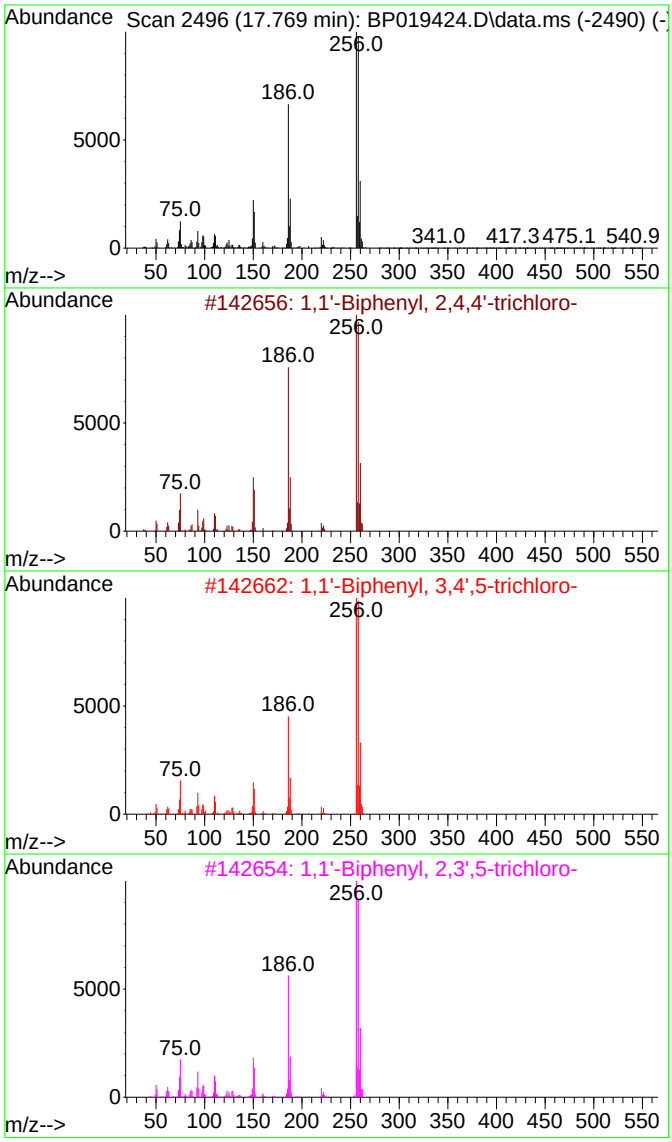
Quant Title : SVOA CALIBRATION

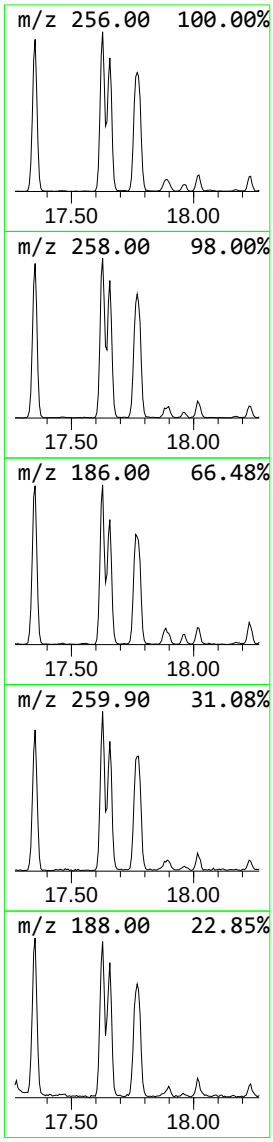
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 1,1'-Biphenyl, 3,4',5-trich... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.769	4.51 ng/ul	649034	Phenanthrene-d10	17.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99
2	1,1'-Biphenyl, 3,4',5-trichloro-	256	C12H7Cl3	038444-88-1	99
3	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	99
4	1,1'-Biphenyl, 3,3',5-trichloro-	256	C12H7Cl3	038444-87-0	99
5	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	99





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Operator : MA/JU
Sample : P1157-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AC0

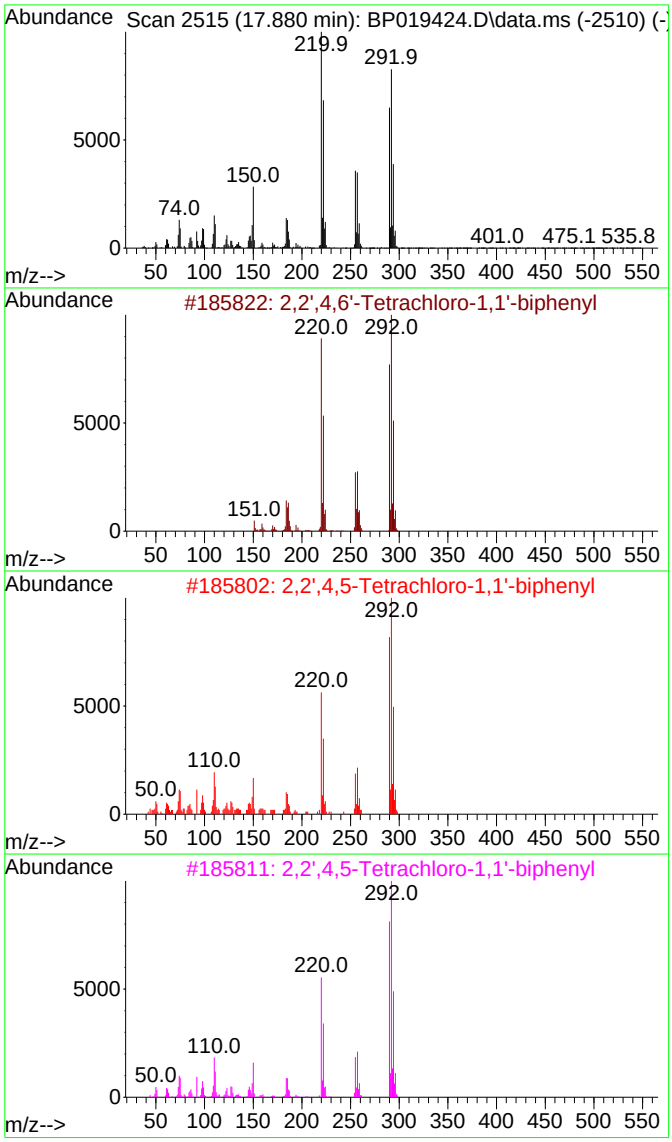
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

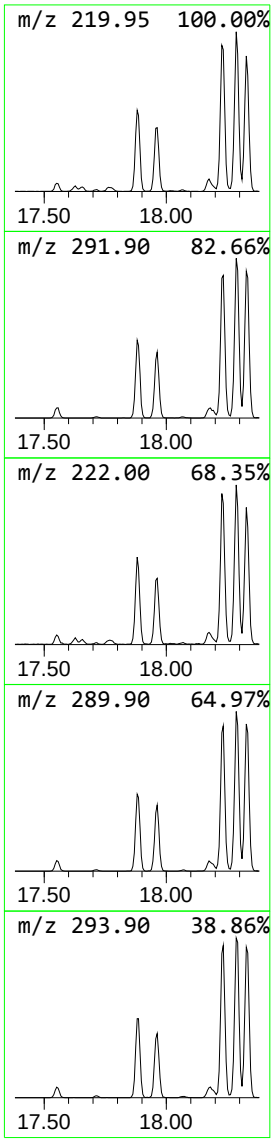
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 2,2',4,6'-Tetrachloro-1,1'-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.880	4.93 ng/ul	709342	Phenanthrene-d10	17.169

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	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99
3	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99
4	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
5	1,1'-Biphenyl, 2,2',3,5'-tetrach...	290	C12H6Cl4	041464-39-5	99





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Operator : MA/JU
Sample : P1157-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AC0

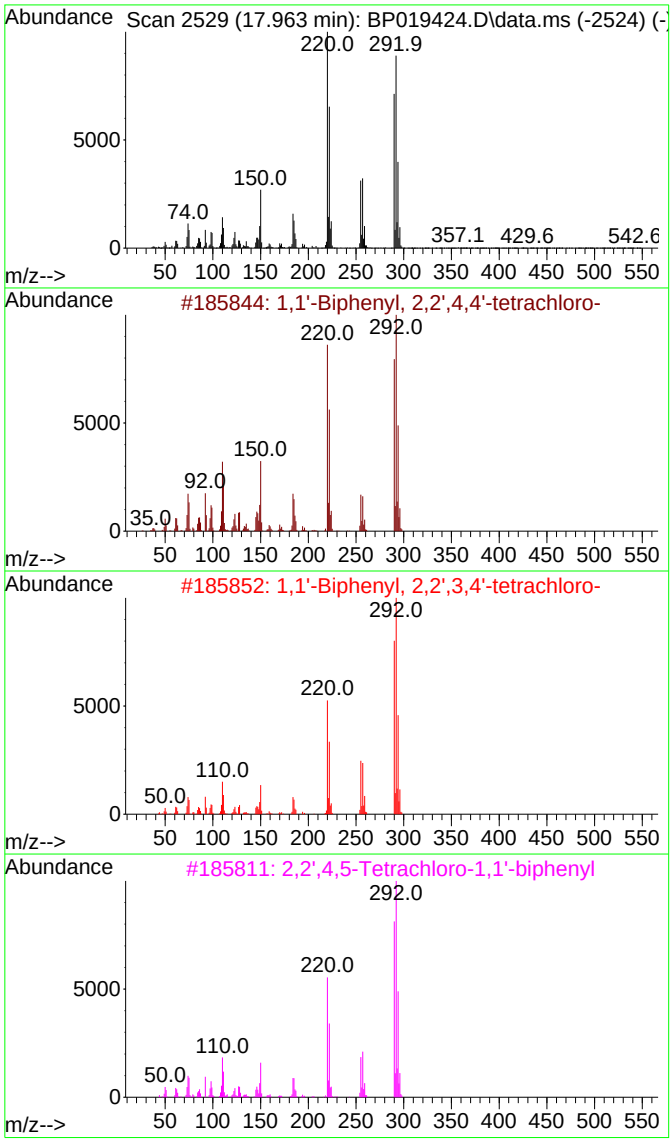
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

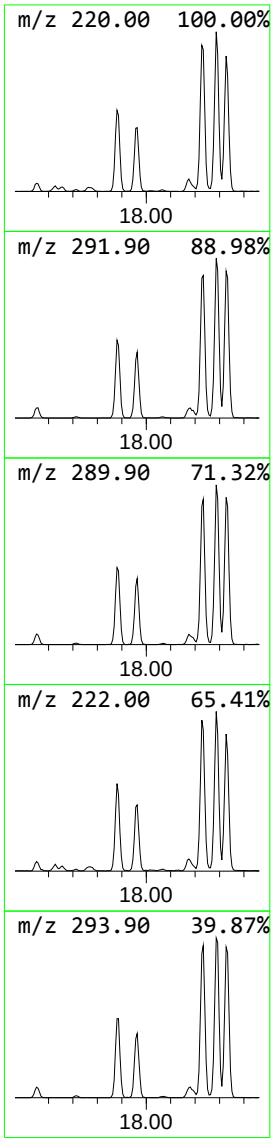
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 1,1'-Biphenyl, 2,2',4,4'-te... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.963	3.78 ng/ul	543684	Phenanthrene-d10	17.169

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





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Sample : P1157-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AC0

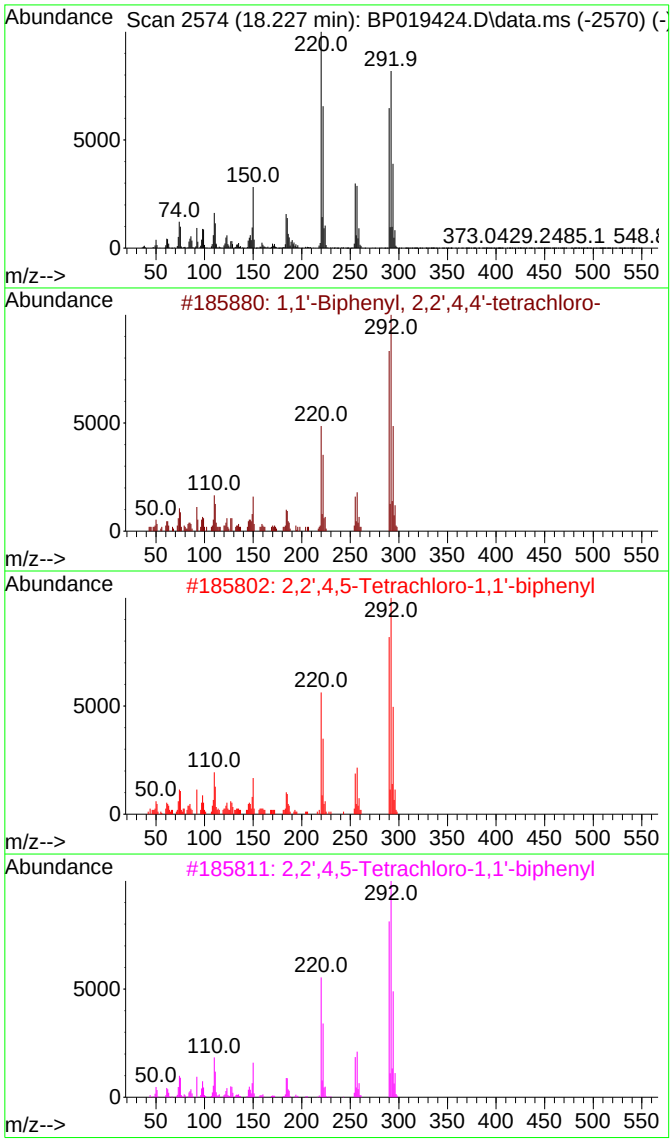
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

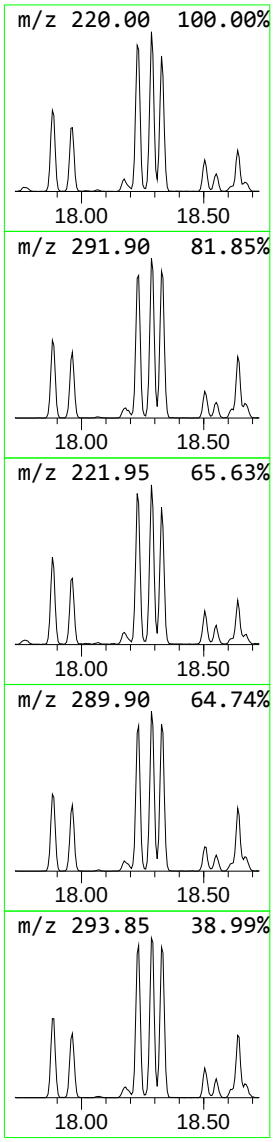
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.227	8.63 ng/ul	1240300	Phenanthrene-d10	17.169

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





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Operator : MA/JU
Sample : P1157-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AC0

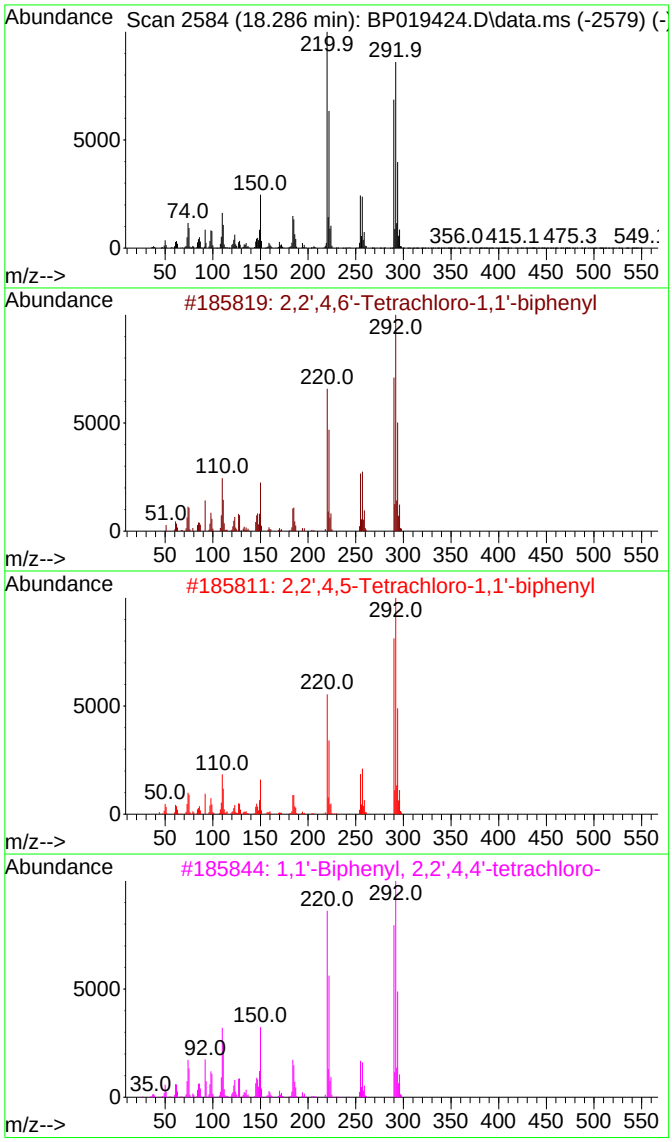
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

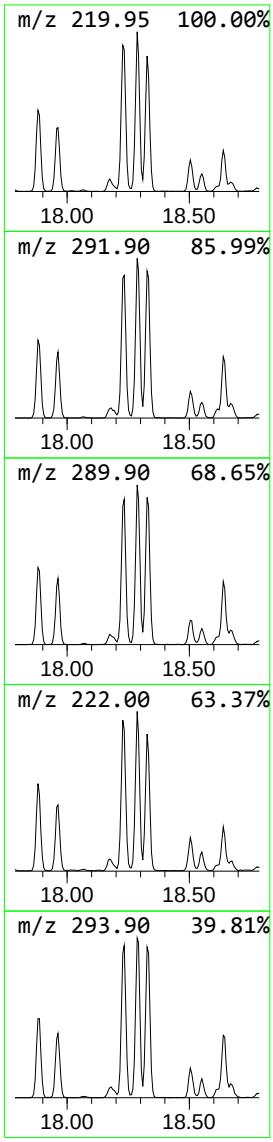
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 1,1'-Biphenyl, 2,2',6,6'-te... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.286	8.73 ng/ul	1255460	Phenanthrene-d10	17.169

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





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Operator : MA/JU
Sample : P1157-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AC0

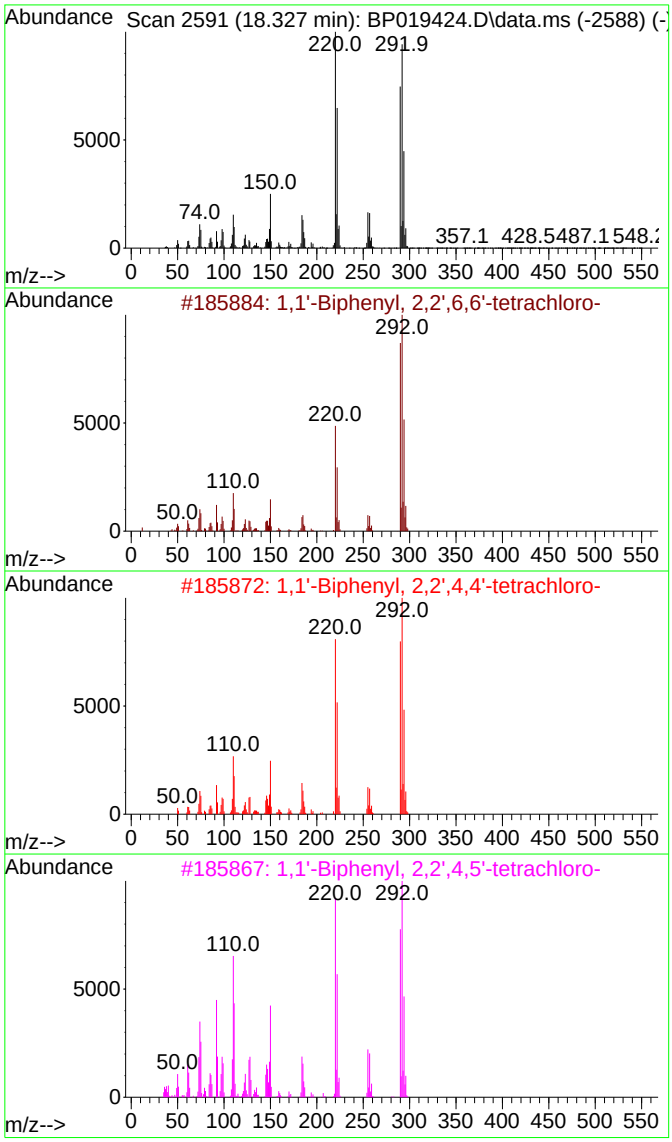
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

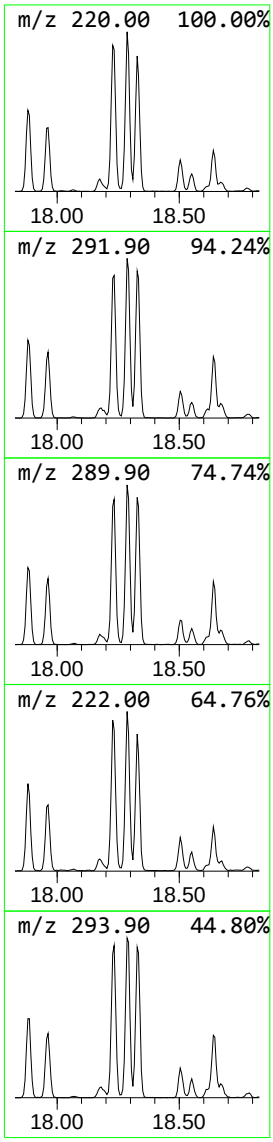
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.327	7.17 ng/ul	1031470	Phenanthrene-d10	17.169

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',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
3	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	99
4	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
5	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	98





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Acq On : 23 Jan 2024 17:18
Operator : MA/JU
Sample : P1157-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AC0

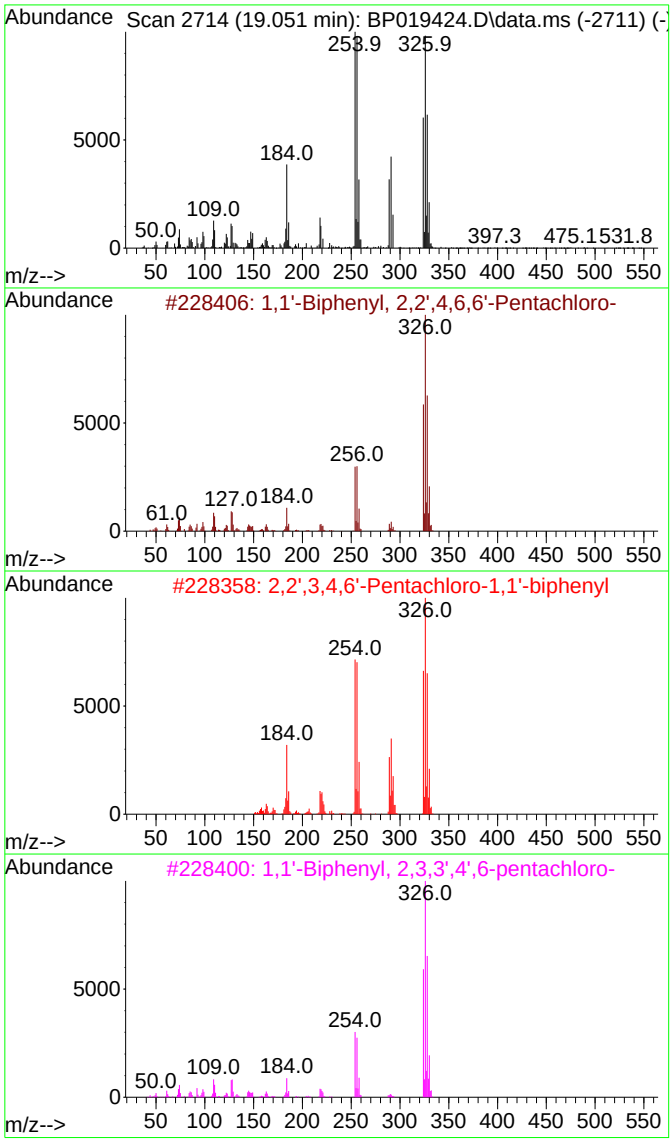
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

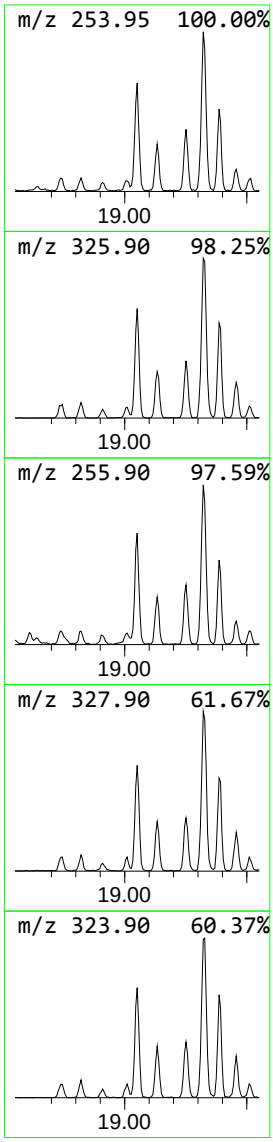
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 1,1'-Biphenyl, 2,2',4,6,6'-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.051	3.63 ng/ul	522070	Phenanthrene-d10	17.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	99
2	2,2',3,4,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-57-2	99
3	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
4	2,3,3',4',5'- Pentachloro-1,1'-b...	324	C12H5Cl5	076842-07-4	99
5	2,2',3,4',6-Pentachloro-1,1'-bip...	324	C12H5Cl5	068194-05-8	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012324\
Data File : BP019424.D
Acq On : 23 Jan 2024 17:18
Operator : MA/JU
Sample : P1157-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AC0

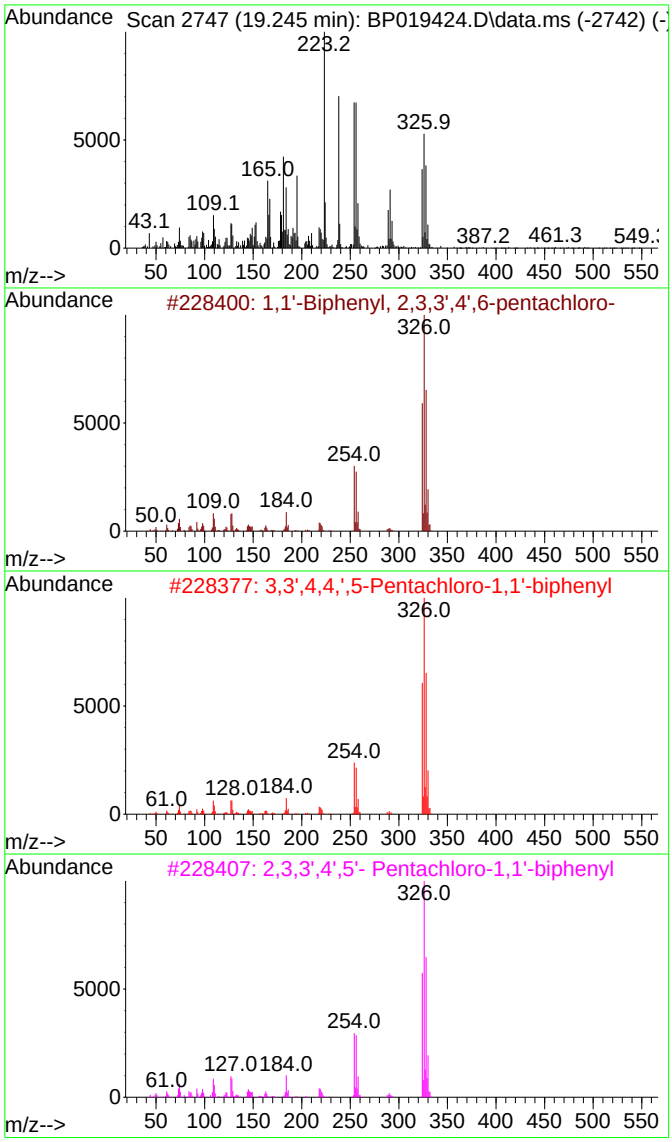
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

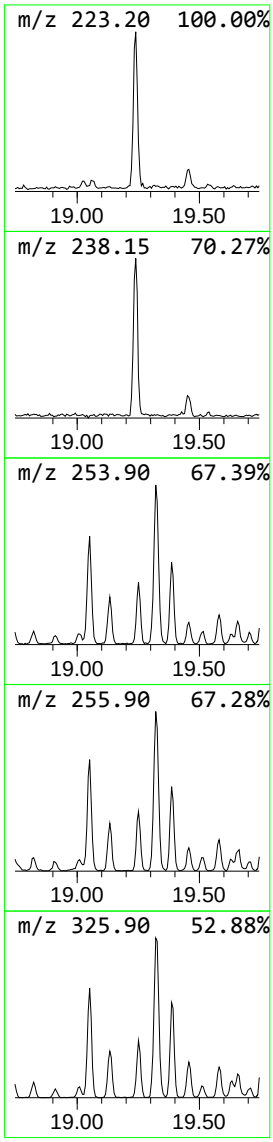
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 1,1'-Biphenyl, 2,3,3',4',6-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.245	3.92 ng/ul	392464	Chrysene-d12	21.274

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	97
2	3,3',4,4,',5-Pentachloro-1,1'-bi...	324	C12H5Cl5	057465-28-8	97
3	2,3,3',4',5'- Pentachloro-1,1'-b...	324	C12H5Cl5	076842-07-4	97
4	2,2',3,4',5-Pentachloro-1,1'-bip...	324	C12H5Cl5	068194-07-0	97
5	1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	97





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Acq On : 23 Jan 2024 17:18
Operator : MA/JU
Sample : P1157-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AC0

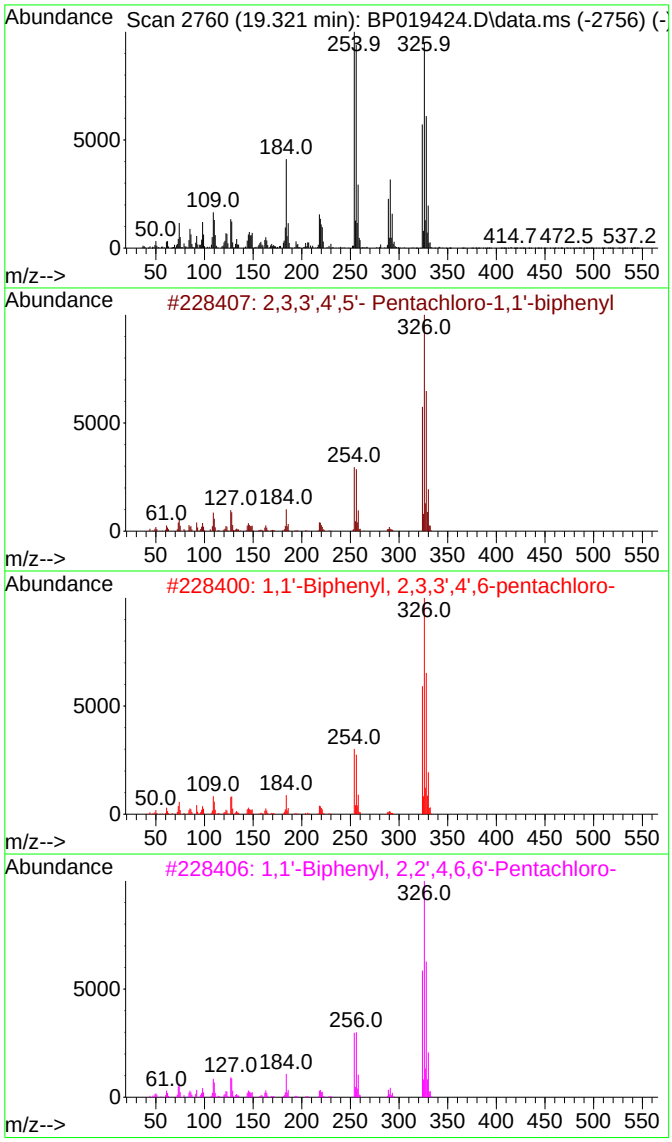
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

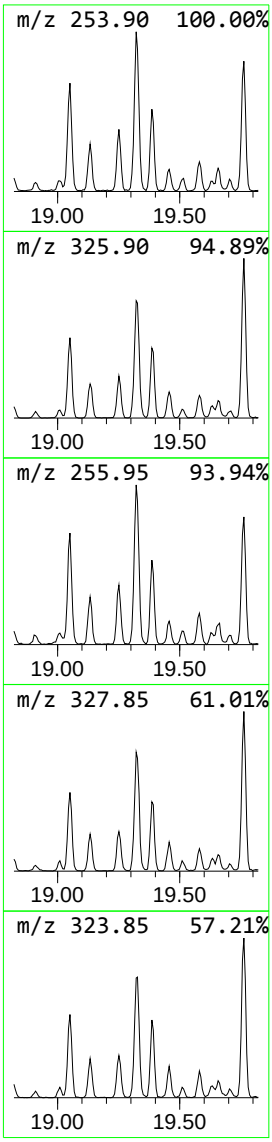
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 2,3,3',4',5'- Pentachloro-1... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.321	5.63 ng/ul	562823	Chrysene-d12	21.274

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',4',5'- Pentachloro-1,1'-b...	324	C12H5Cl5	076842-07-4	99
2	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
3	1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	99
4	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99
5	2,2',3,4',5-Pentachloro-1,1'-bip...	324	C12H5Cl5	068194-07-0	99





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Acq On : 23 Jan 2024 17:18
Operator : MA/JU
Sample : P1157-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AC0

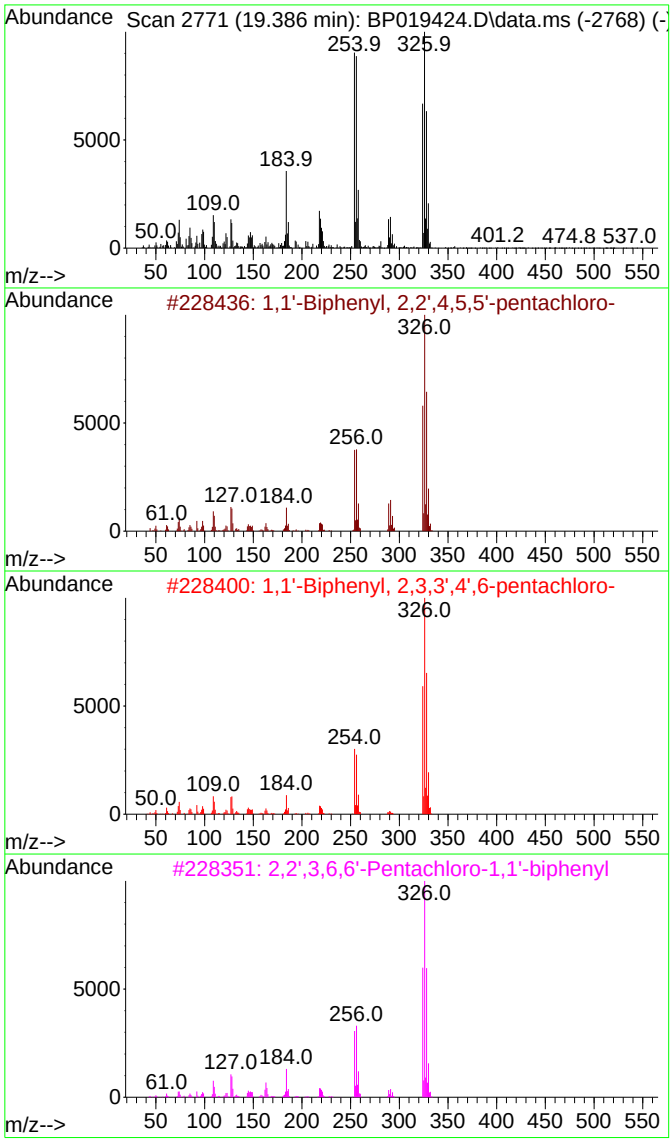
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

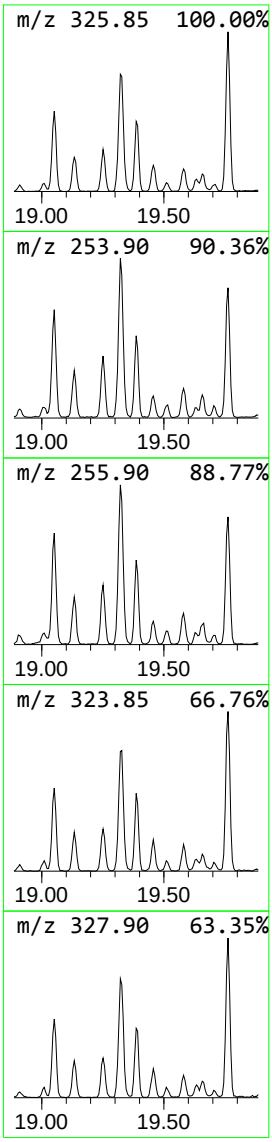
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 1,1'-Biphenyl, 2,2',4,5,5'-... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.386	2.61 ng/ul	261244	Chrysene-d12	21.274

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	99
2	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
3	2,2',3,6,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-54-9	99
4	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99
5	1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	99





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Data File : BP019424.D
Acq On : 23 Jan 2024 17:18
Operator : MA/JU
Sample : P1157-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AC0

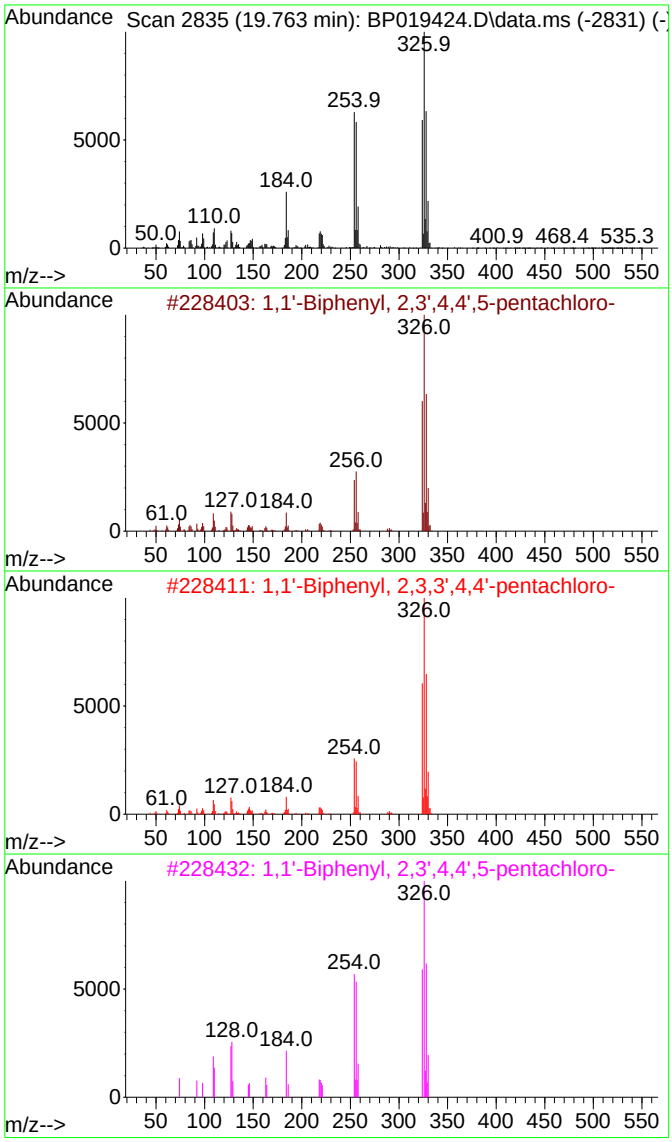
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

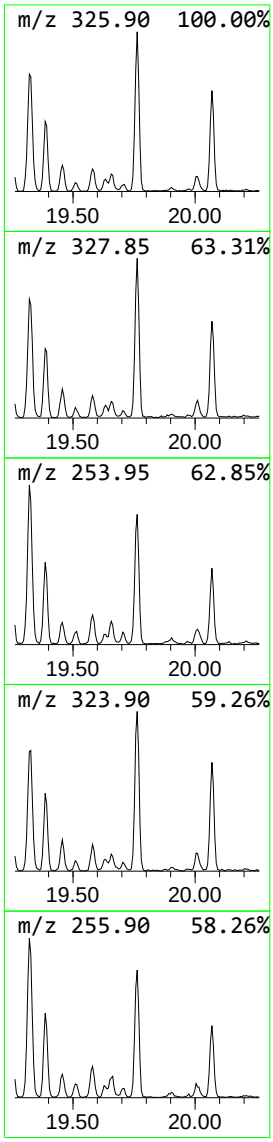
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 1,1'-Biphenyl, 2,3,3',4,4'-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.763	4.81 ng/ul	480877	Chrysene-d12	21.274

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	98
2	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	97
3	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	96
4	1,1'-Biphenyl, 2,2',3,3',6-penta...	324	C12H5Cl5	052663-60-2	96
5	2,2',3,4',6-Pentachloro-1,1'-bip...	324	C12H5Cl5	068194-05-8	96





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Acq On : 23 Jan 2024 17:18
Operator : MA/JU
Sample : P1157-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AC0

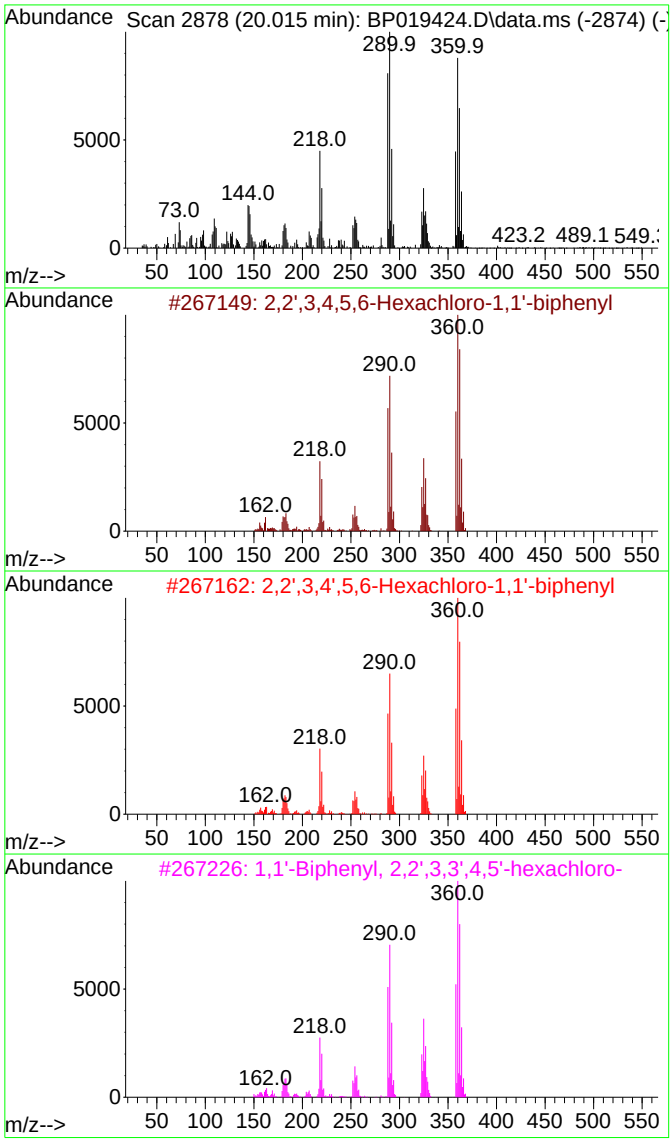
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

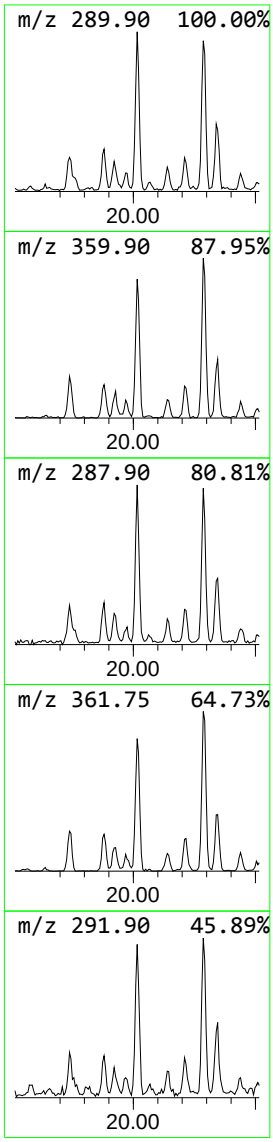
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 2,2',3,4,5,6-Hexachloro-1,1... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.015	2.63 ng/ul	262868	Chrysene-d12	21.274

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,4,5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-61-4	99
2	2,2',3,4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-13-8	99
3	1,1'-Biphenyl, 2,2',3,3',4,5'-he...	358	C12H4Cl6	052663-66-8	99
4	1,1'-Biphenyl, 2,2',3,3',4,6-Hex...	358	C12H4Cl6	061798-70-7	99
5	2,2',3,4',5,6'-Hexachloro-1,1'-b...	358	C12H4Cl6	074472-41-6	99





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Data File : BP019424.D
Acq On : 23 Jan 2024 17:18
Operator : MA/JU
Sample : P1157-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AC0

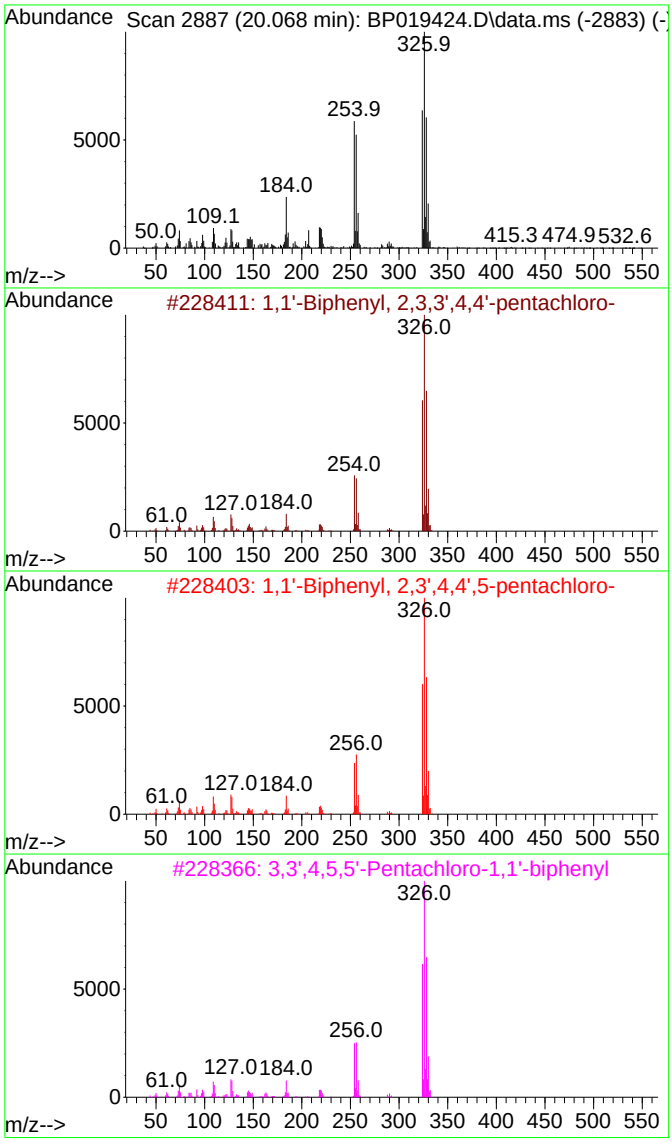
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

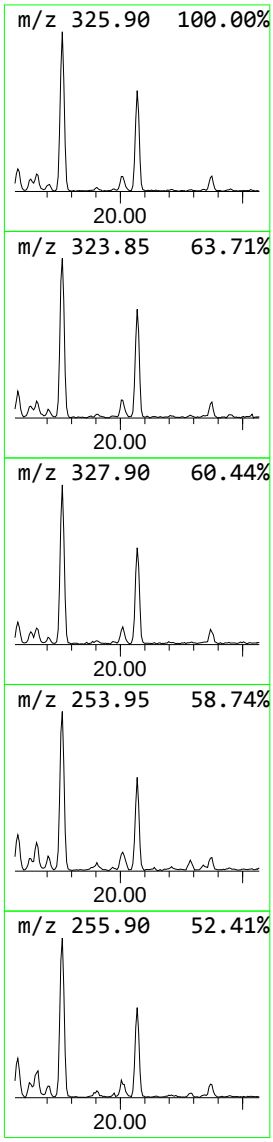
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 1,1'-Biphenyl, 2,3',4,4',5-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.069	2.69 ng/ul	269417	Chrysene-d12	21.274

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99
2	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	99
3	3,3',4,5,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	039635-33-1	99
4	3,3',4,4,',5-Pentachloro-1,1'-bi...	324	C12H5Cl5	057465-28-8	99
5	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99





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Data File : BP019424.D
Acq On : 23 Jan 2024 17:18
Operator : MA/JU
Sample : P1157-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AC0

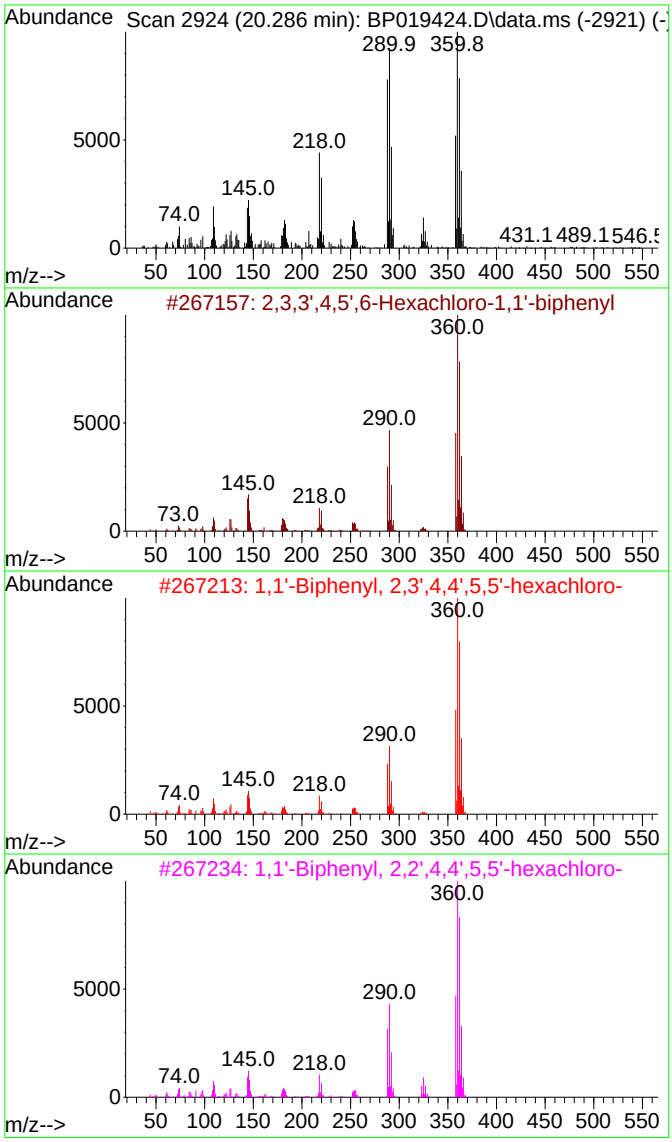
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

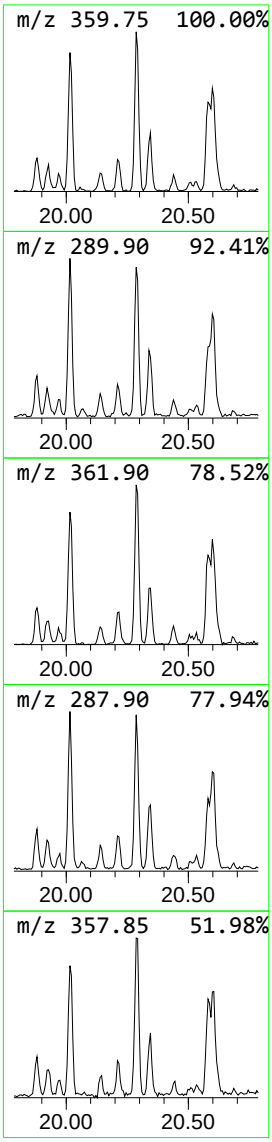
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 2,3,3',4,5',6-Hexachloro-1,... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.286	2.13 ng/ul	213231	Chrysene-d12	21.274

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',4,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-43-8	99
2	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99
3	1,1'-Biphenyl, 2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	99
4	2,3,3',4,5,5'-Hexachloro-1,1'-bi...	358	C12H4Cl6	039635-35-3	99
5	1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012324\
Data File : BP019424.D
Acq On : 23 Jan 2024 17:18
Operator : MA/JU
Sample : P1157-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AC0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: S...	3.134	19.8	ng/ul	1058490	1	7.769	1068860	20.0
Benzene, chloro-	5.081	4.0	ng/ul	215518	1	7.769	1068860	20.0
1,1'-Biphenyl, ...	15.669	8.7	ng/ul	963455	3	14.416	2211230	20.0
1,1'-Biphenyl, ...	16.698	3.6	ng/ul	523540	4	17.169	2875990	20.0
1,1'-Biphenyl, ...	17.045	2.6	ng/ul	380688	4	17.169	2875990	20.0
1,1'-Biphenyl, ...	17.080	6.1	ng/ul	876978	4	17.169	2875990	20.0
1,1'-Biphenyl, ...	17.351	4.1	ng/ul	593948	4	17.169	2875990	20.0
1,1'-Biphenyl, ...	17.627	4.0	ng/ul	575593	4	17.169	2875990	20.0
1,1'-Biphenyl, ...	17.657	3.2	ng/ul	459058	4	17.169	2875990	20.0
1,1'-Biphenyl, ...	17.769	4.5	ng/ul	649034	4	17.169	2875990	20.0
2,2',4,6'-Tetra...	17.880	4.9	ng/ul	709342	4	17.169	2875990	20.0
1,1'-Biphenyl, ...	17.963	3.8	ng/ul	543684	4	17.169	2875990	20.0
2,2',4,5-Tetrac...	18.227	8.6	ng/ul	1240300	4	17.169	2875990	20.0
1,1'-Biphenyl, ...	18.286	8.7	ng/ul	1255460	4	17.169	2875990	20.0
1,1'-Biphenyl, ...	18.327	7.2	ng/ul	1031470	4	17.169	2875990	20.0
1,1'-Biphenyl, ...	19.051	3.6	ng/ul	522070	4	17.169	2875990	20.0
1,1'-Biphenyl, ...	19.245	3.9	ng/ul	392464	5	21.274	2000080	20.0
2,3,3',4',5'- P...	19.321	5.6	ng/ul	562823	5	21.274	2000080	20.0
1,1'-Biphenyl, ...	19.386	2.6	ng/ul	261244	5	21.274	2000080	20.0
1,1'-Biphenyl, ...	19.763	4.8	ng/ul	480877	5	21.274	2000080	20.0
2,2',3,4,5,6-He...	20.015	2.6	ng/ul	262868	5	21.274	2000080	20.0
1,1'-Biphenyl, ...	20.069	2.7	ng/ul	269417	5	21.274	2000080	20.0
2,3,3',4,5',6-H...	20.286	2.1	ng/ul	213231	5	21.274	2000080	20.0