LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014948.D
Acq On : 04 May 2023 12:46
Operator : CG/JU
Sample : 02447-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : EW933

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-BP050323.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP014948.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.016	102	107	114	rVB	102577	137153	1.72%	0.107%
2	5.758	397	403	411	rVV	137265	278456	3.50%	0.217%
3	7.305	658	666	676	rBV	418436	811249	10.20%	0.631%
4	7.481	690	696	703	rVV	424127	651719	8.19%	0.507%
5	7.687	725	731	740	rVB	421578	681224	8.56%	0.530%
6	8.163	802	812	818	rBV	971175	1639918	20.61%	1.275%
7	8.222	818	822	826	rBV	107453	155010	1.95%	0.121%
8	8.722	900	907	917	rVB7	51621	137928	1.73%	0.107%
9	8.869	927	932	939	rVB	363335	581270	7.31%	0.452%
10	8.999	947	954	960	rBV	214629	366940	4.61%	0.285%
11	9.281	992	1002	1006	rBV2	57111	121344	1.52%	0.094%
12	9.340	1006	1012	1018	rVV	406909	669103	8.41%	0.520%
13	9.399	1018	1022	1026	rVV	74957	108114	1.36%	0.084%
14	10.069	1129	1136	1142	rBV	279909	464981	5.84%	0.362%
15	10.610	1222	1228	1236	rVB	396398	651159	8.18%	0.506%
16	10.998	1289	1294	1300	rVV	1164333	1978726	24.87%	1.539%
17	11.051	1300	1303	1311	rVB	85938	143066	1.80%	0.111%
18	11.140	1311	1318	1327	rBV3	125525	271002	3.41%	0.211%
19	12.393	1522	1531	1541	rVV4	764594	1774521	22.30%	1.380%
20	12.622	1565	1570	1572	rBV2	114126	173504	2.18%	0.135%
21	12.675	1576	1579	1587	rVV2	137056	240648	3.02%	0.187%
22	12.863	1607	1611	1621	rVB	70431	117791	1.48%	0.092%
23	13.622	1734	1740	1742	rBV	83316	126060	1.58%	0.098%
24	14.128	1821	1826	1831	rBV	67813	111557	1.40%	0.087%
25	14.210	1831	1840	1844	rBV	731460	1102274	13.85%	0.857%
26	14.251	1844	1847	1856	rVB	208033	350693	4.41%	0.273%
27	14.504	1884	1890	1894	rBV	891365	1443329	18.14%	1.122%
28	14.687	1917	1921	1930	rVB	79629	108313	1.36%	0.084%
29	14.810	1930	1942	1948	rBV	1441751	2266075	28.48%	1.762%
30	14.875	1948	1953	1958	rVV	240928	367746	4.62%	0.286%
31	14.992	1968	1973	1984	rVB4	71933	163627	2.06%	0.127%
32	15.204	2004	2009	2017	rBV	348125	510686	6.42%	0.397%
33	15.592	2069	2075	2078	rBV2	79884	137892	1.73%	0.107%
34	15.798	2105	2110	2115	rBV	1114405	1543410	19.40%	1.200%
35	15.857	2115	2120	2125	rVV	223928	332370	4.18%	0.258%
36	15.910	2125	2129	2134	rVB2	95405	119975	1.51%	0.093%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014948.D
Acq On : 04 May 2023 12:46
Operator : CG/JU
Sample : 02447-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW933

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-BP050323.MA.M
Title : SVOA CALIBRATION

37	16.057	2149	2154	2160	rVB2	253724	375254	4.72%	0.292%
38	16.163	2166	2172	2176	rVB2	231480	343802	4.32%	0.267%
39	16.351	2200	2204	2208	rVB	110124	135571	1.70%	0.105%
40	16.504	2226	2230	2231	rBV2	109780	134427	1.69%	0.105%
41	16.528	2231	2234	2239	rVB2	181471	259771	3.26%	0.202%
42	16.669	2254	2258	2262	rBV2	99787	156216	1.96%	0.121%
43	16.786	2273	2278	2282	rVB	378850	495762	6.23%	0.386%
44	17.086	2325	2329	2333	rBV2	158388	220383	2.77%	0.171%
45	17.216	2347	2351	2356	rBV	128753	188953	2.37%	0.147%
46	17.304	2362	2366	2371	rBV4	249657	351357	4.42%	0.273%
47	17.439	2384	2389	2392	rBV	695271	928064	11.66%	0.722%
48	17.475	2392	2395	2399	rVB	315778	376608	4.73%	0.293%
49	17.563	2402	2410	2414	rBV2	1704100	3045416	38.27%	2.368%
50	17.610	2414	2418	2422	rVV	2057460	2853696	35.86%	2.219%
51	17.663	2422	2427	2430	rVV	1233236	1673304	21.03%	1.301%
52	17.698	2430	2433	2436	rVV	515290	714312	8.98%	0.556%
53	17.733	2436	2439	2447	rVB	898855	1289165	16.20%	1.003%
54	17.963	2474	2478	2481	rBV	182134	229056	2.88%	0.178%
55	18.004	2482	2485	2488	rVV	239122	305697	3.84%	0.238%
56	18.039	2488	2491	2494	rVB2	203256	237555	2.99%	0.185%
57	18.151	2503	2510	2516	rVB	2585730	5281995	66.38%	4.108%
58	18.275	2525	2531	2536	rVB3	768235	1207939	15.18%	0.939%
59	18.392	2547	2551	2554	rBV	874895	1261013	15.85%	0.981%
60	18.422	2554	2556	2559	rVB	523484	553658	6.96%	0.431%
61	18.492	2566	2568	2573	rVB	1263203	1397114	17.56%	1.087%
62	18.545	2574	2577	2582	rVV3	295470	444602	5.59%	0.346%
63	18.604	2582	2587	2591	rVV2	2169438	3046619	38.29%	2.369%
64	18.657	2591	2596	2600	rVV3	1109423	1800187	22.62%	1.400%
65	18.704	2600	2604	2609	rVB2	786911	1098706	13.81%	0.854%
66	18.875	2629	2633	2639	rBV2	1449049	2374610	29.84%	1.847%
67	18.922	2639	2641	2646	rVV3	502168	859980	10.81%	0.669%
68	18.975	2646	2650	2653	rVV	759806	1004474	12.62%	0.781%
69	19.010	2653	2656	2659	rVV2	487769	595182	7.48%	0.463%
70	19.045	2659	2662	2669	rVB	986320	1197592	15.05%	0.931%
71	19.139	2675	2678	2682	rVB2	449676	564795	7.10%	0.439%
72	19.304	2702	2706	2709	rBV2	641108	861457	10.83%	0.670%
73	19.339	2709	2712	2716	rVV3	772916	1040845	13.08%	0.809%
74	19.386	2717	2720	2723	rVV	1574743	2083075	26.18%	1.620%
75	19.427	2723	2727	2735	rVB4	1770377	3075015	38.65%	2.391%
76	19.557	2744	2749	2755	rVB	4358171	5660420	71.14%	4.402%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014948.D
Acq On : 04 May 2023 12:46
Operator : CG/JU
Sample : 02447-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW933

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-BP050323.MA.M
Title : SVOA CALIBRATION

77	19.645	2756	2764	2768	rVV4	936193	2055504	25.83%	1.599%
78	19.686	2768	2771	2777	rVV2	1422228	1748053	21.97%	1.359%
79	19.745	2778	2781	2785	rVB	510348	597819	7.51%	0.465%
80	19.880	2799	2804	2806	rBV2	2189790	3182914	40.00%	2.475%
81	19.910	2806	2809	2817	rVB	5375170	7475522	93.95%	5.814%
82	20.016	2824	2827	2831	rVB	543837	625885	7.87%	0.487%
83	20.063	2832	2835	2836	rBV2	366109	381101	4.79%	0.296%
84	20.122	2841	2845	2855	rVB3	1291956	2150206	27.02%	1.672%
85	20.374	2885	2888	2893	rVB4	835571	1325614	16.66%	1.031%
86	20.421	2893	2896	2900	rVB	1019025	1088582	13.68%	0.847%
87	20.639	2931	2933	2937	rVB	476484	534369	6.72%	0.416%
88	20.680	2938	2940	2944	rVV2	369017	589597	7.41%	0.459%
89	20.721	2945	2947	2951	rVV	731599	872924	10.97%	0.679%
90	20.763	2951	2954	2958	rVB	1205050	1335607	16.79%	1.039%
91	20.957	2984	2987	2995	rVB2	657370	844081	10.61%	0.656%
92	21.116	3012	3014	3019	rVB	653843	752359	9.46%	0.585%
93	21.316	3045	3048	3052	rVB	1233458	1509839	18.97%	1.174%
94	21.527	3080	3084	3092	rVB	6216070	7957017	100.00%	6.188%
95	21.633	3097	3102	3108	rVV3	3222569	7495464	94.20%	5.829%
96	21.686	3108	3111	3116	rVB	2559132	3267802	41.07%	2.541%
97	23.451	3406	3411	3416	rBV2	1592862	3546801	44.57%	2.758%
98	24.021	3503	3508	3513	rBV	1268122	2395746	30.11%	1.863%
99	24.133	3523	3527	3539	rVB	1912571	3931075	49.40%	3.057%
100	24.251	3543	3547	3553	rVB2	1260717	2359023	29.65%	1.835%

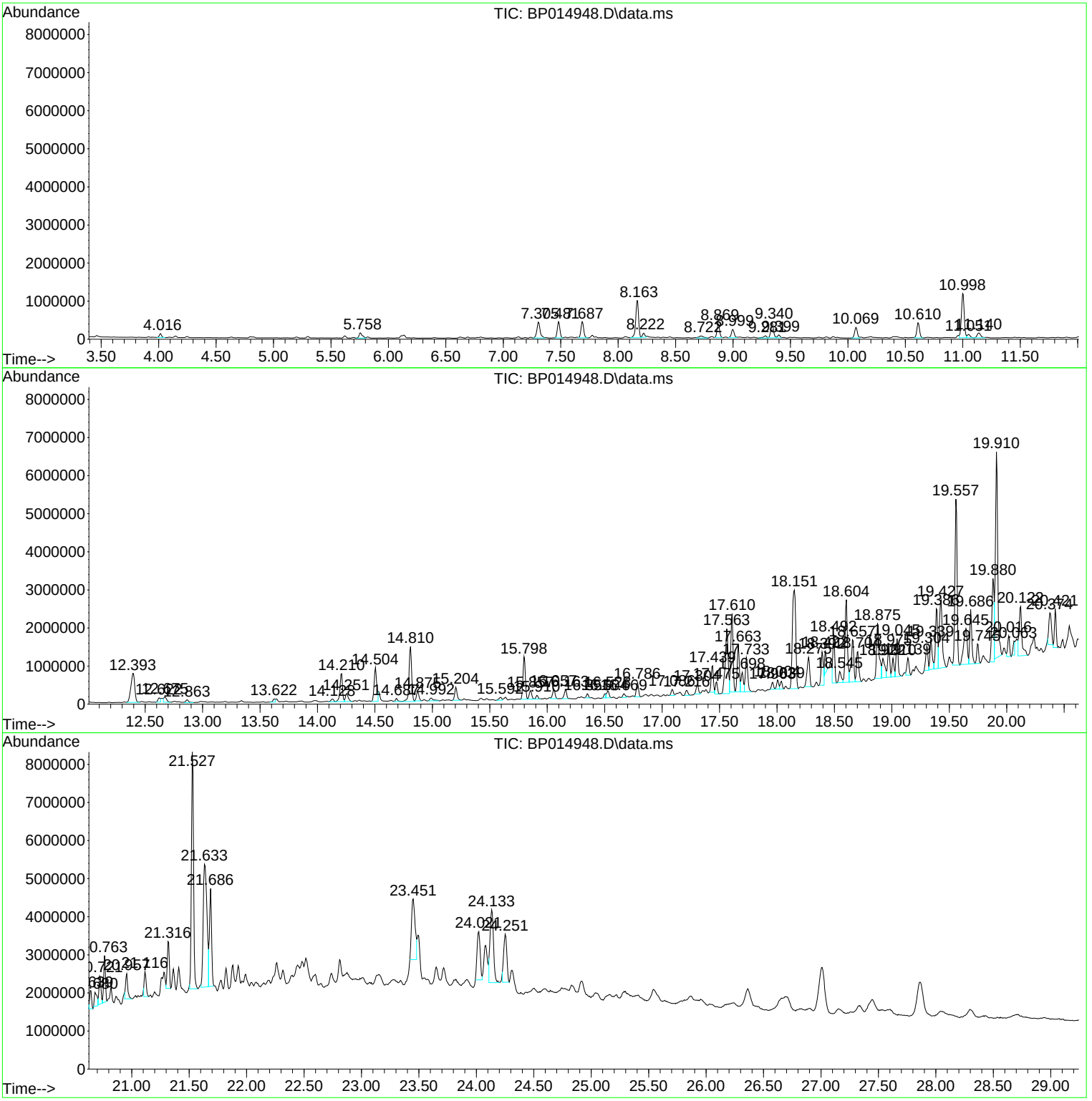
Sum of corrected areas: 128585384

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014948.D
Acq On : 04 May 2023 12:46
Operator : CG/JU
Sample : 02447-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW933

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.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\BP050423\
Data File : BP014948.D
Acq On : 04 May 2023 12:46
Operator : CG/JU
Sample : 02447-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW933

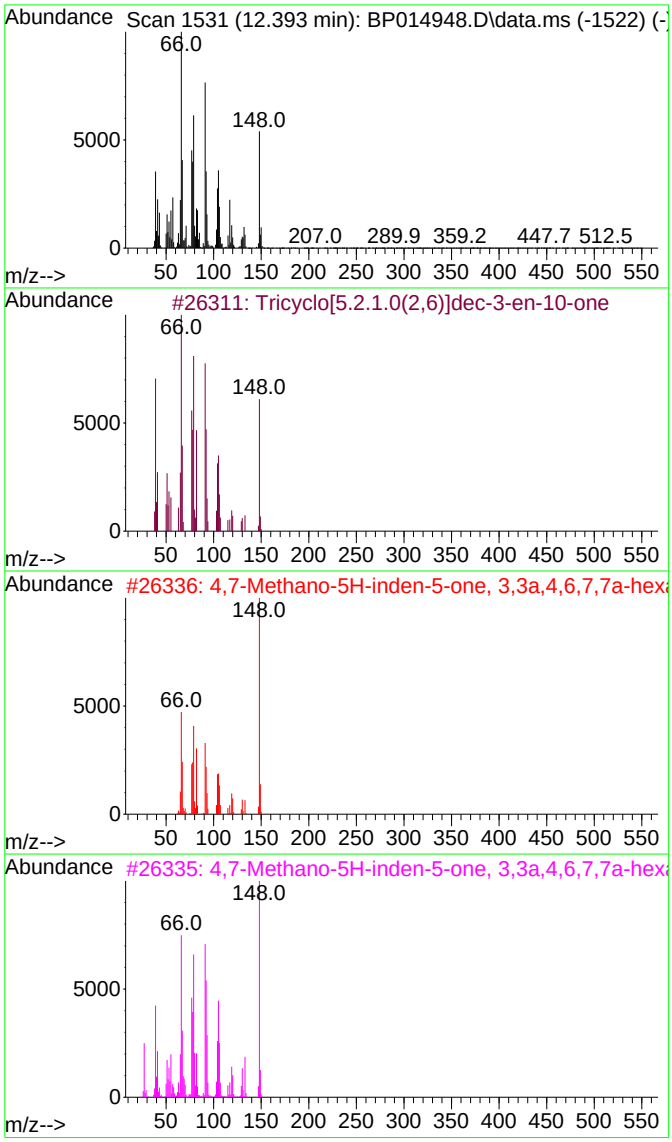
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

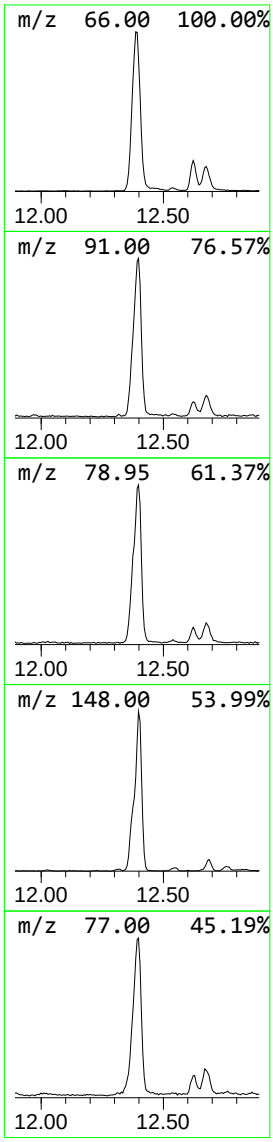
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Tricyclo[5.2.1.0(2,6)]dec-3... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.393	17.94 ng/ul	1774520	Naphthalene-d8	10.999

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricyclo[5.2.1.0(2,6)]dec-3-en-1...	148	C10H12O	1000289-10-5	95
2	4,7-Methano-5H-inden-5-one, 3,3a...	148	C10H12O	014888-58-5	83
3	4,7-Methano-5H-inden-5-one, 3,3a...	148	C10H12O	014888-58-5	80
4	4,7-Methano-1H-indenol, hexahydro-	150	C10H14O	037275-49-3	59
5	6-[(Z)-1-Butenyl]-1,4-cyclohepta...	148	C11H16	033156-93-3	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014948.D
Acq On : 04 May 2023 12:46
Operator : CG/JU
Sample : 02447-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW933

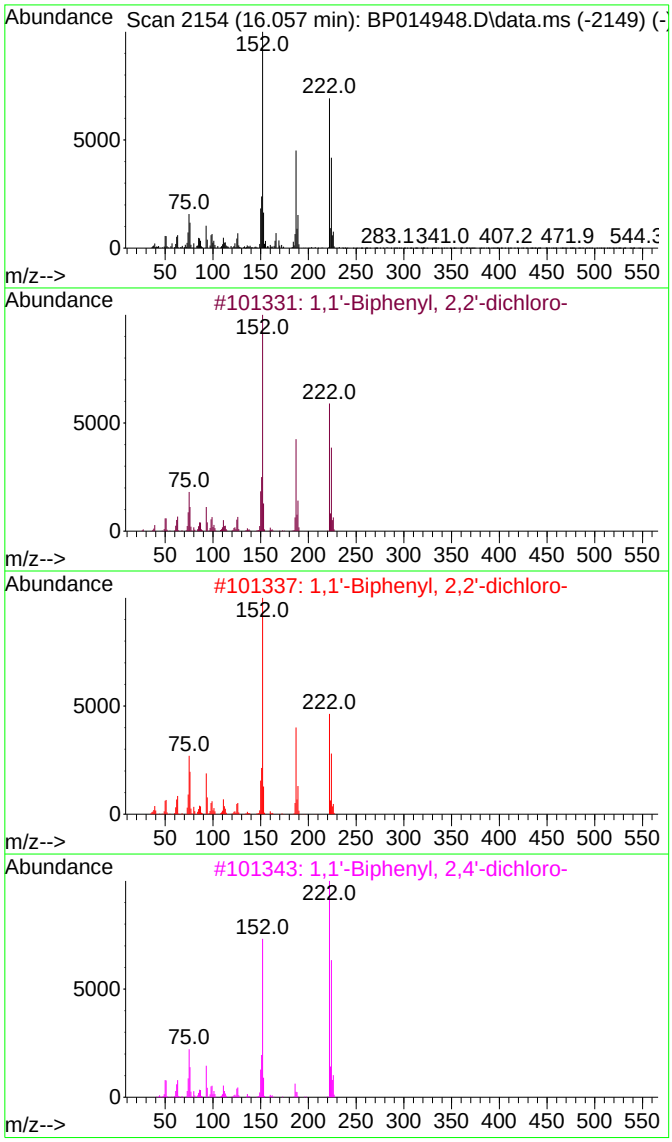
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

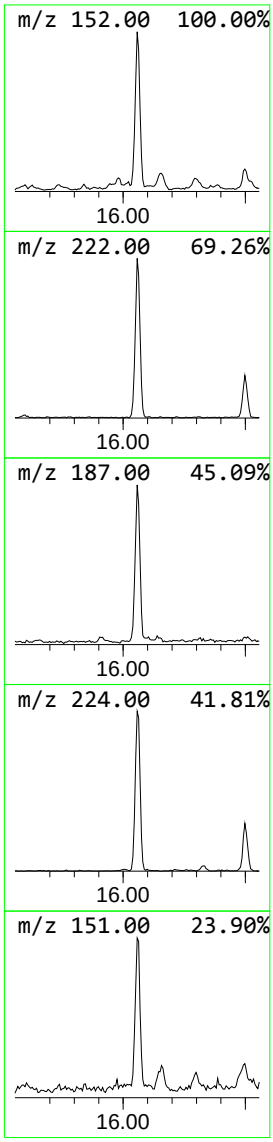
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 1,1'-Biphenyl, 2,2'-dichloro- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.057	3.31 ng/ul	375254	Acenaphthene-d10	14.810

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, 2,4'-dichloro-	222	C12H8Cl2	034883-43-7	98
4	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	98
5	1,1'-Biphenyl, 2,5-dichloro-	222	C12H8Cl2	034883-39-1	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014948.D
Acq On : 04 May 2023 12:46
Operator : CG/JU
Sample : 02447-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW933

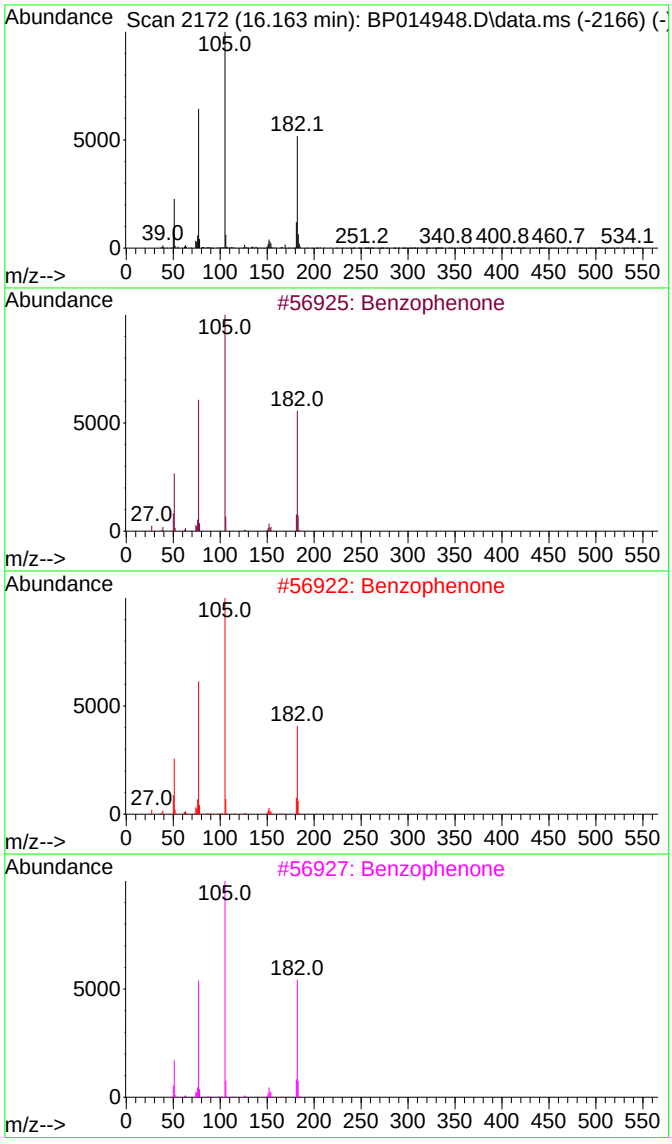
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

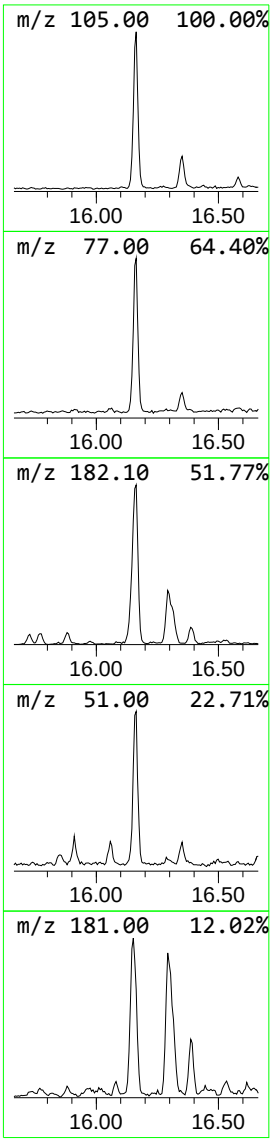
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzophenone Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.163	3.03 ng/ul	343802	Acenaphthene-d10	14.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzophenone	182	C13H10O	000119-61-9	96
3	Benzophenone	182	C13H10O	000119-61-9	94
4	Benzophenone	182	C13H10O	000119-61-9	87
5	Benzophenone	182	C13H10O	000119-61-9	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014948.D
Acq On : 04 May 2023 12:46
Operator : CG/JU
Sample : 02447-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW933

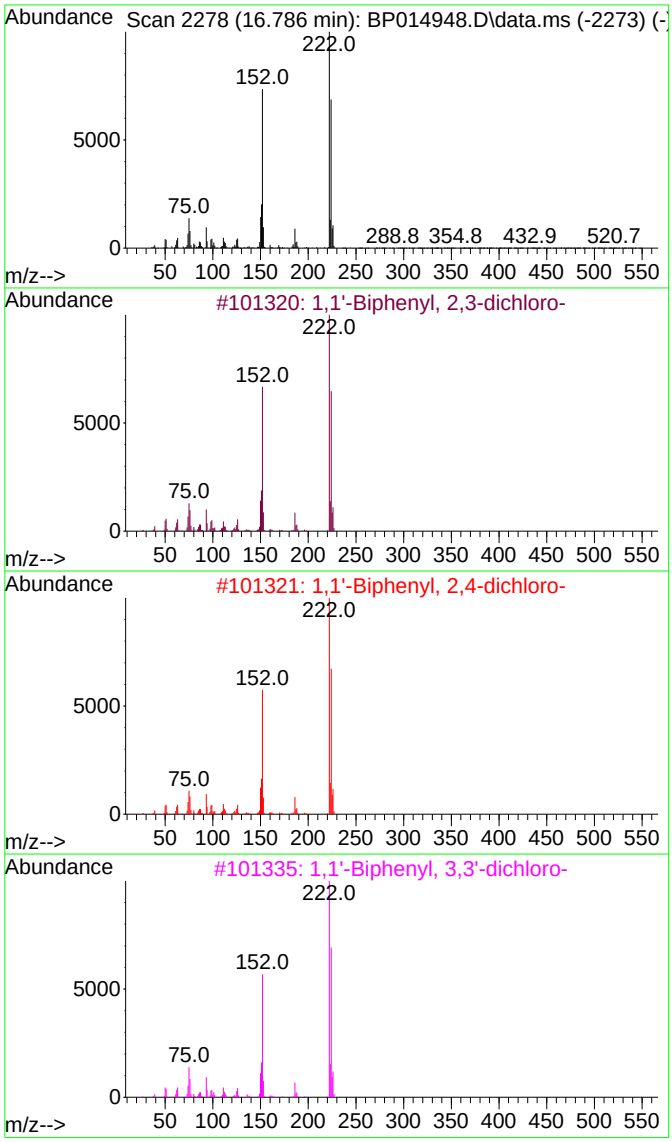
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

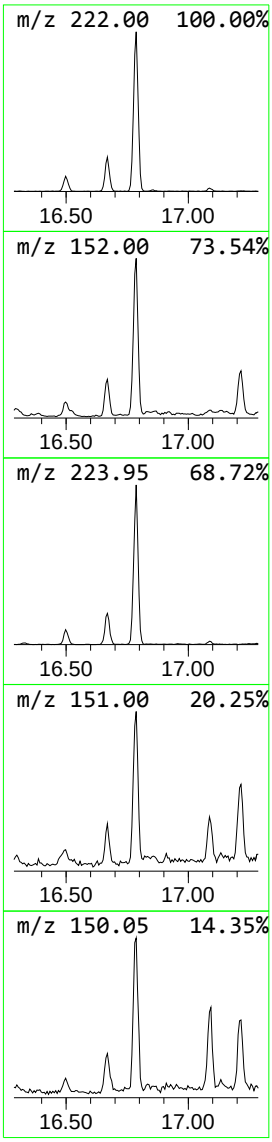
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1,1'-Biphenyl, 2,3-dichloro- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.786	3.26 ng/ul	495762	Phenanthrene-d10	17.563

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014948.D
Acq On : 04 May 2023 12:46
Operator : CG/JU
Sample : 02447-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW933

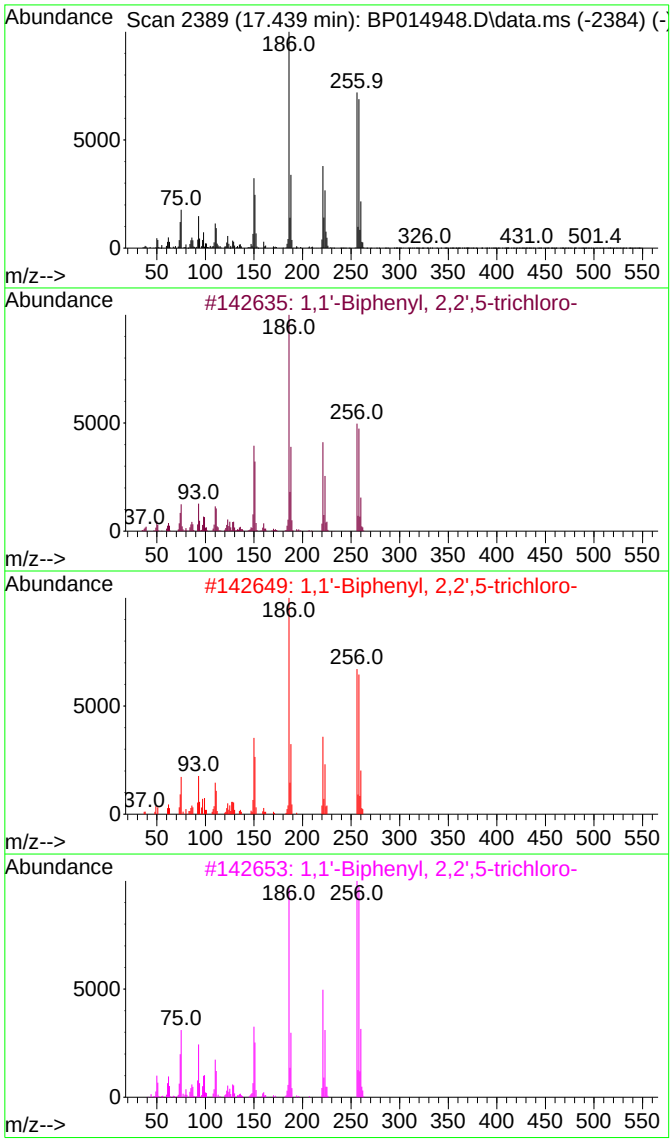
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

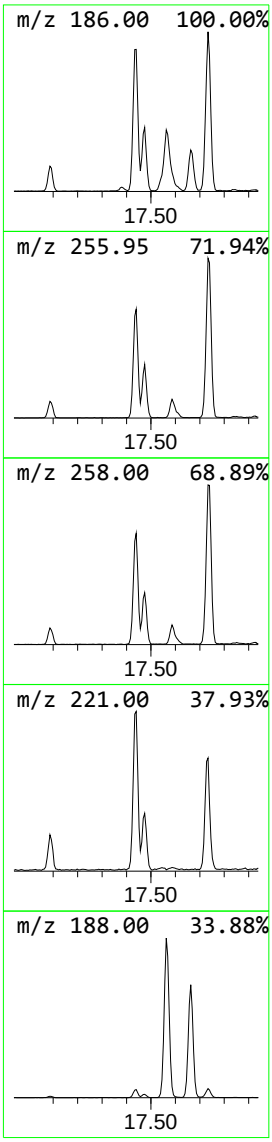
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1,1'-Biphenyl, 2,2',5-trich... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.439	6.09 ng/ul	928064	Phenanthrene-d10	17.563

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	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	99
4	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	98
5	2,2',3-Trichloro-1,1'-biphenyl	256	C12H7Cl3	038444-78-9	98





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014948.D
Acq On : 04 May 2023 12:46
Operator : CG/JU
Sample : 02447-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW933

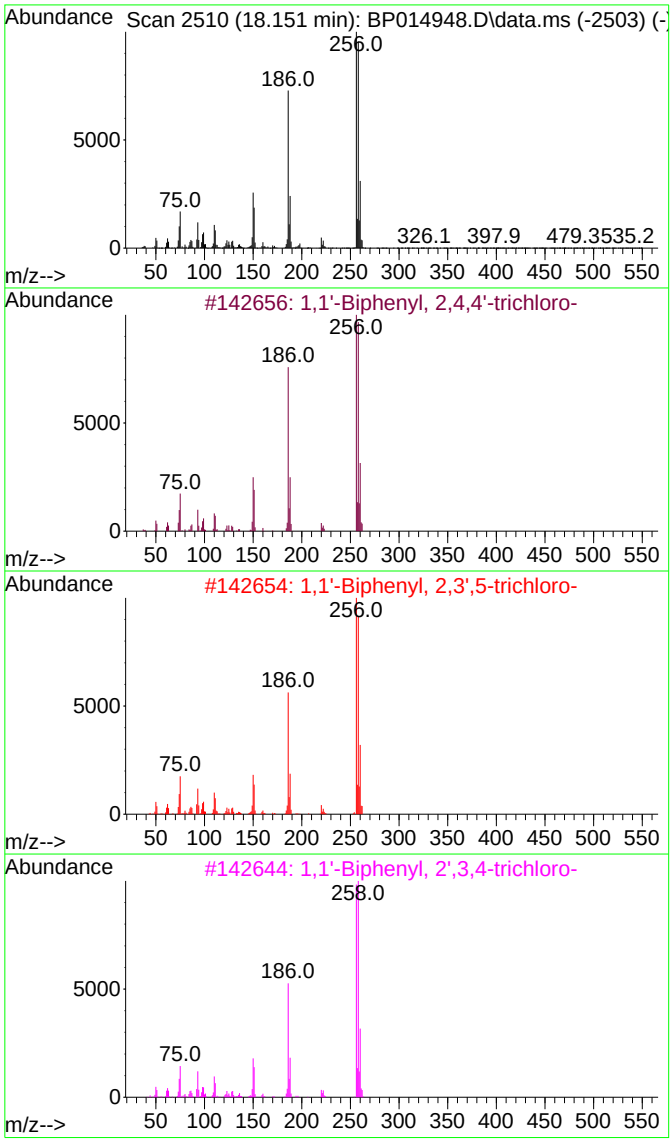
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

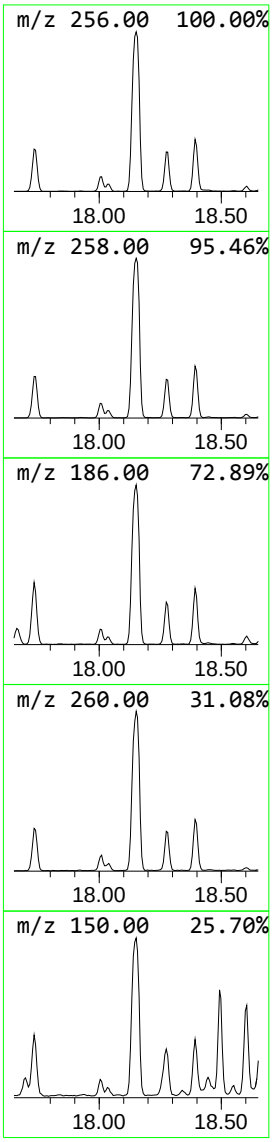
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.151	34.69 ng/ul	5282000	Phenanthrene-d10	17.563

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',3,4-trichloro-	256	C12H7Cl3	038444-86-9	99
4	1,1'-Biphenyl, 2,3,4-trichloro-	256	C12H7Cl3	055702-46-0	99
5	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014948.D
Acq On : 04 May 2023 12:46
Operator : CG/JU
Sample : 02447-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW933

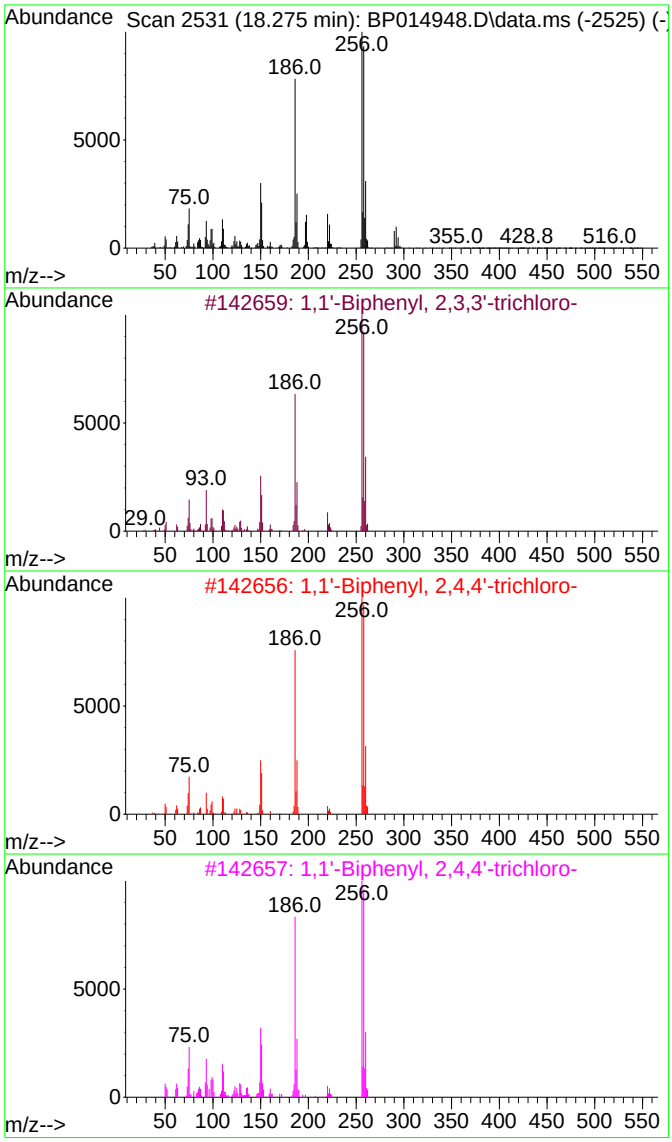
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

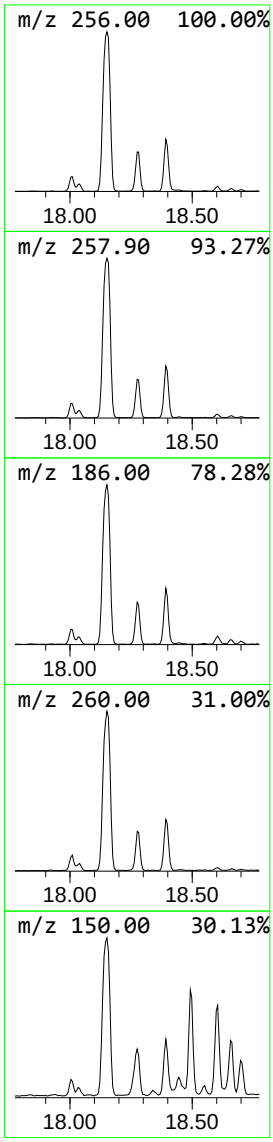
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 1,1'-Biphenyl, 2,3,3'-trich... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.275	7.93 ng/ul	1207940	Phenanthrene-d10	17.563

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	99
2	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99
3	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99
4	1,1'-Biphenyl, 2,4,5-trichloro-	256	C12H7Cl3	015862-07-4	99
5	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014948.D
Acq On : 04 May 2023 12:46
Operator : CG/JU
Sample : 02447-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW933

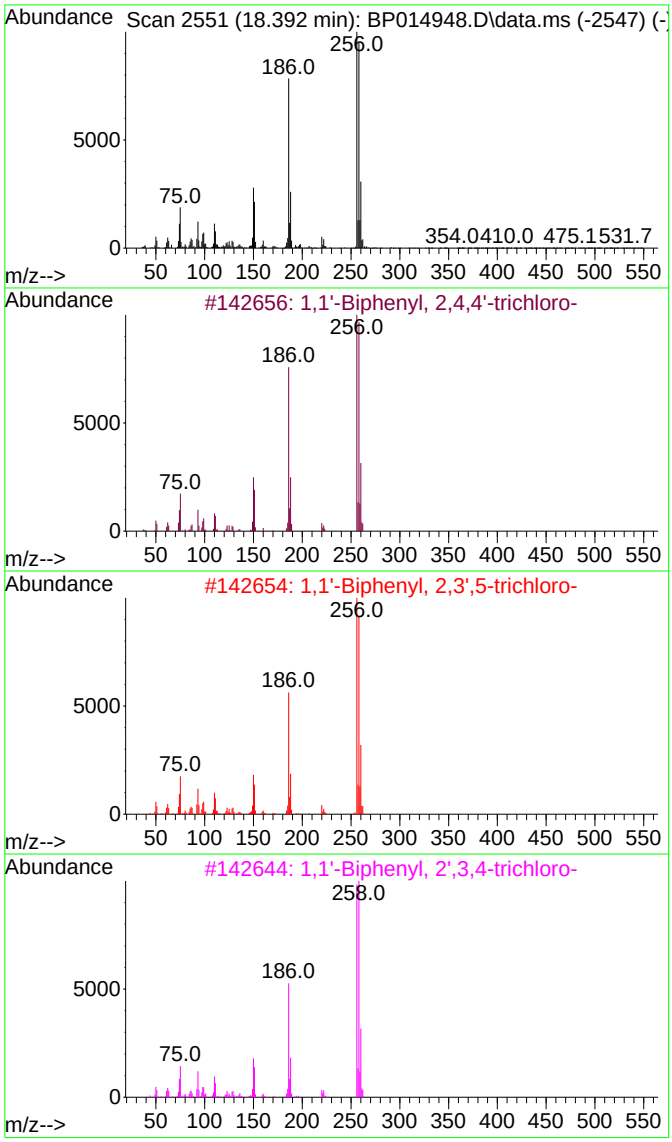
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

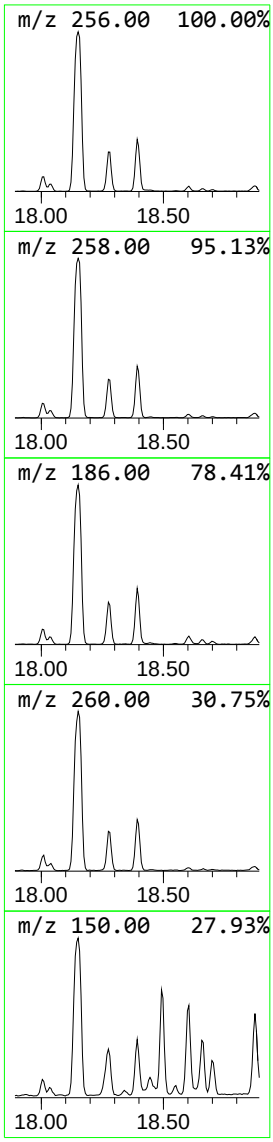
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 1,1'-Biphenyl, 2,3',5-trich... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.392	8.28 ng/ul	1261010	Phenanthrene-d10	17.563

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',3,4-trichloro-	256	C12H7Cl3	038444-86-9	99
4	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	99
5	1,1'-Biphenyl, 3,3',5-trichloro-	256	C12H7Cl3	038444-87-0	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014948.D
Acq On : 04 May 2023 12:46
Operator : CG/JU
Sample : 02447-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW933

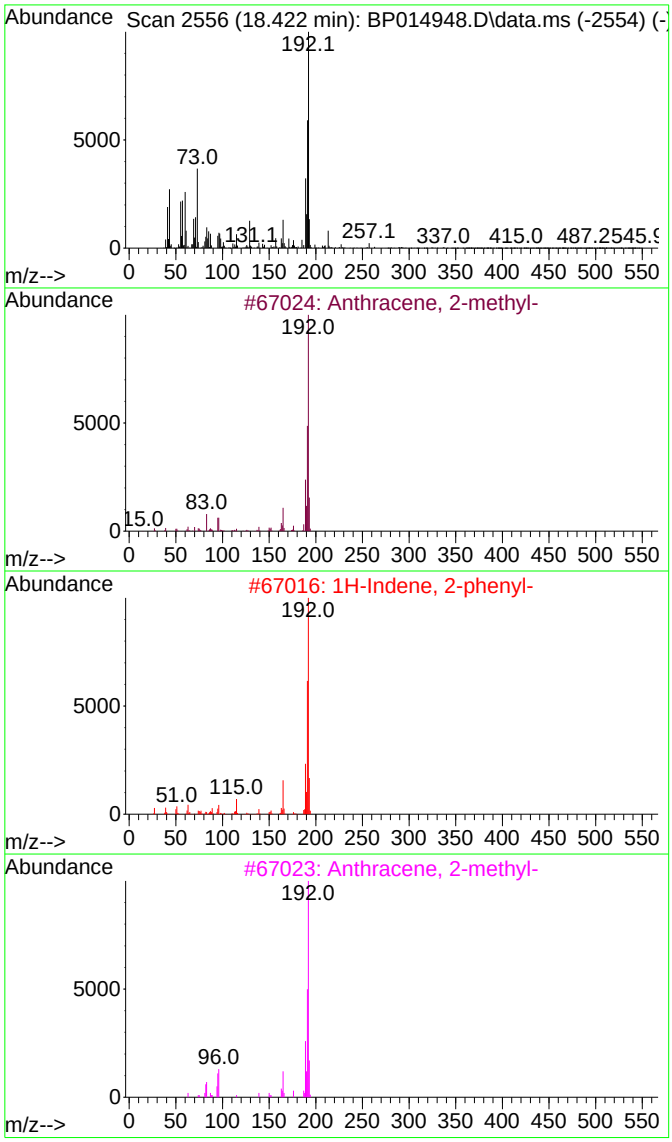
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

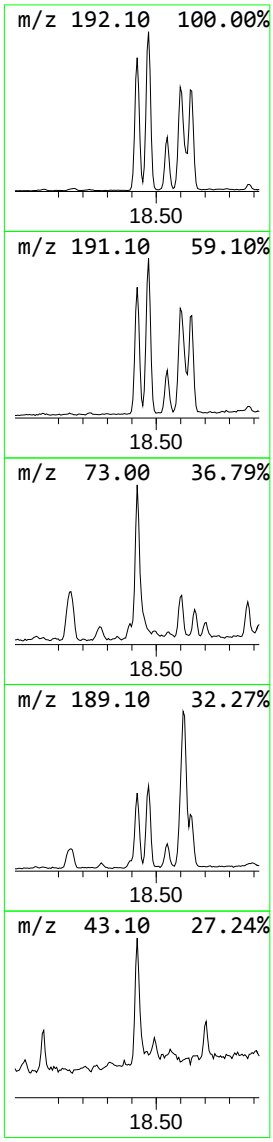
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Anthracene, 2-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.422	3.64 ng/ul	553658	Phenanthrene-d10	17.563

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	92
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	83
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	76
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	64
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014948.D
Acq On : 04 May 2023 12:46
Operator : CG/JU
Sample : 02447-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW933

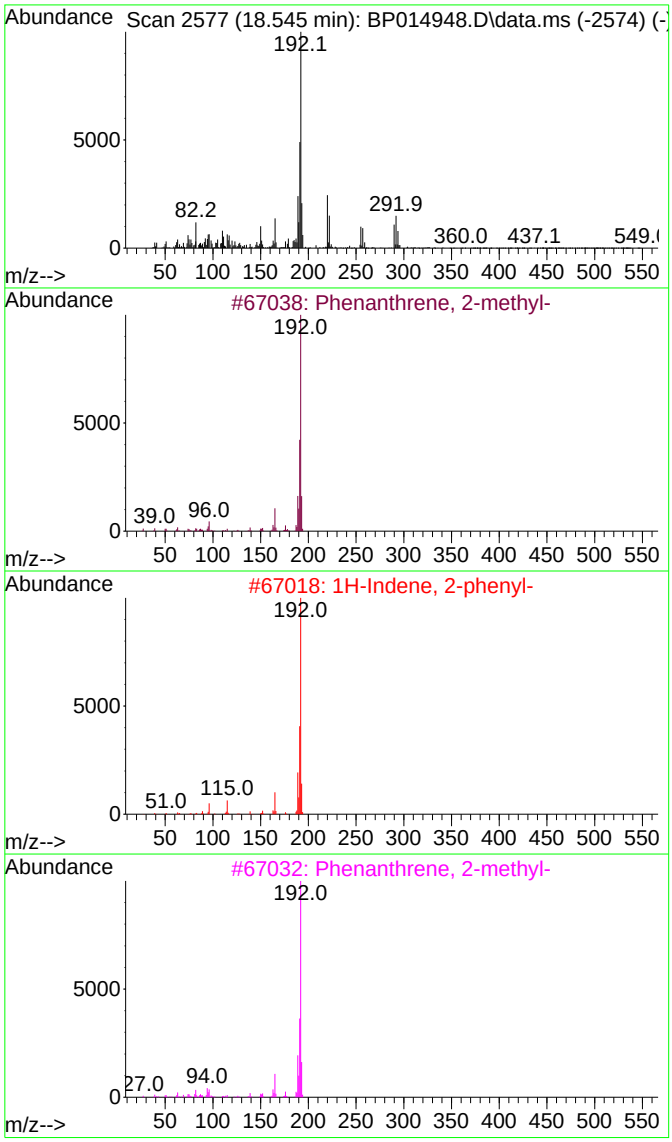
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

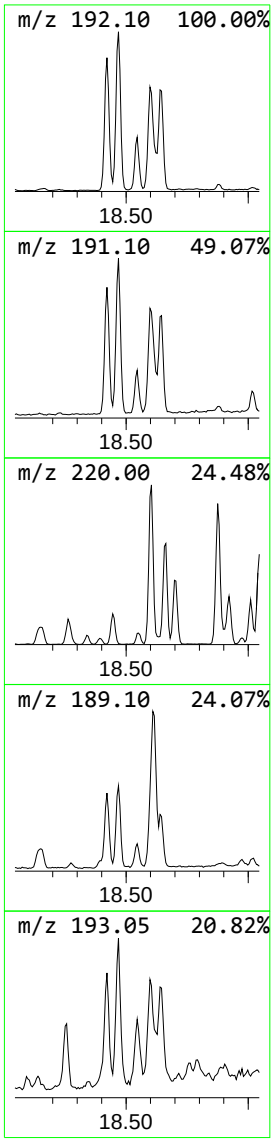
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Phenanthrene, 2-methyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.545	2.92 ng/ul	444602	Phenanthrene-d10	17.563

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	92
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	92
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	92
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014948.D
Acq On : 04 May 2023 12:46
Operator : CG/JU
Sample : 02447-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW933

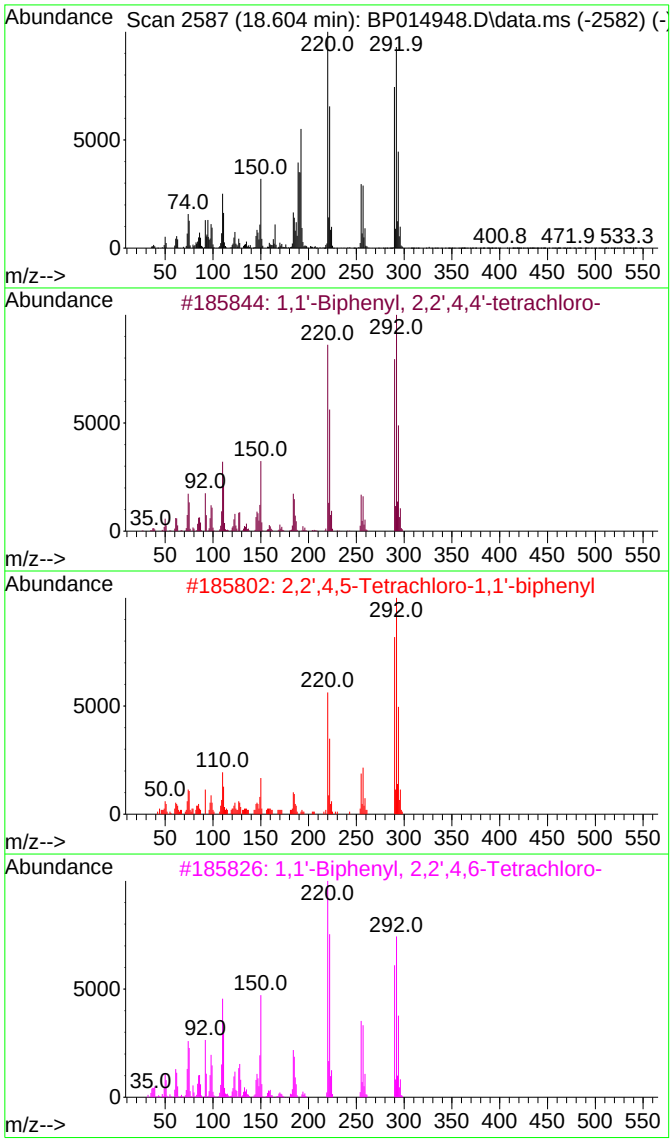
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

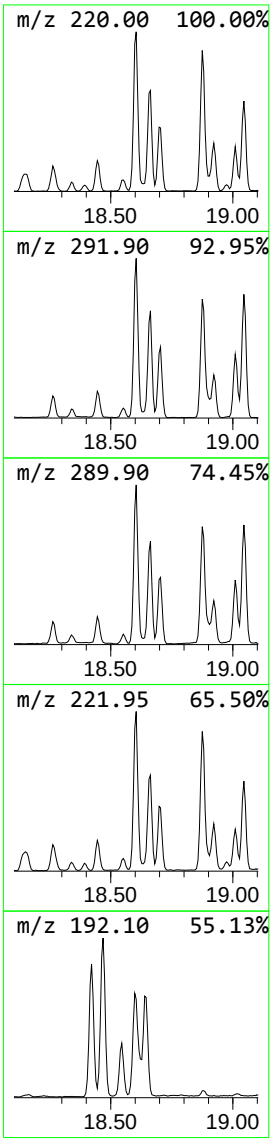
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.604	20.01 ng/ul	3046620	Phenanthrene-d10	17.563

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	1,1'-Biphenyl, 2,2',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	99
4	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
5	1,1'-Biphenyl, 2,2',3,4'-tetrach...	290	C12H6Cl4	036559-22-5	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014948.D
Acq On : 04 May 2023 12:46
Operator : CG/JU
Sample : 02447-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW933

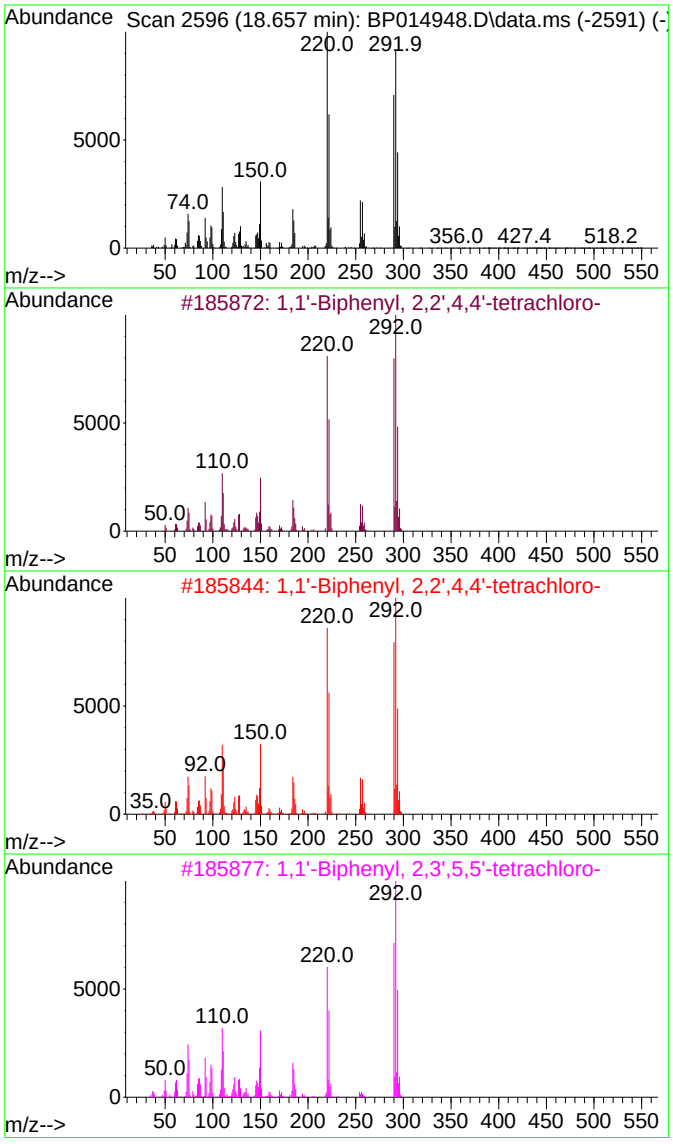
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

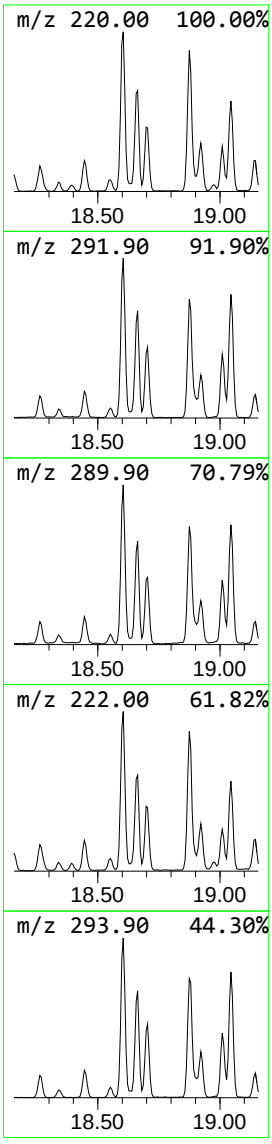
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 1,1'-Biphenyl, 2,3',5,5'-te... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.657	11.82 ng/ul	1800190	Phenanthrene-d10	17.563

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
2	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
3	1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	99
4	1,1'-Biphenyl, 2,3,3',4'-tetrach...	290	C12H6Cl4	041464-43-1	99
5	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014948.D
Acq On : 04 May 2023 12:46
Operator : CG/JU
Sample : 02447-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW933

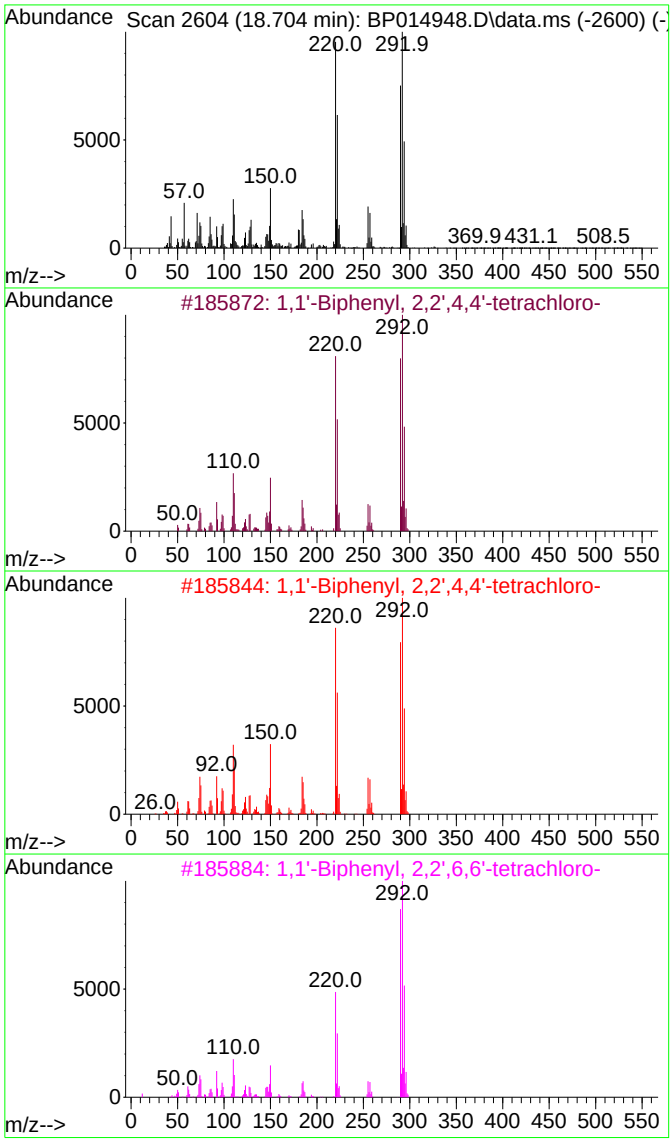
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

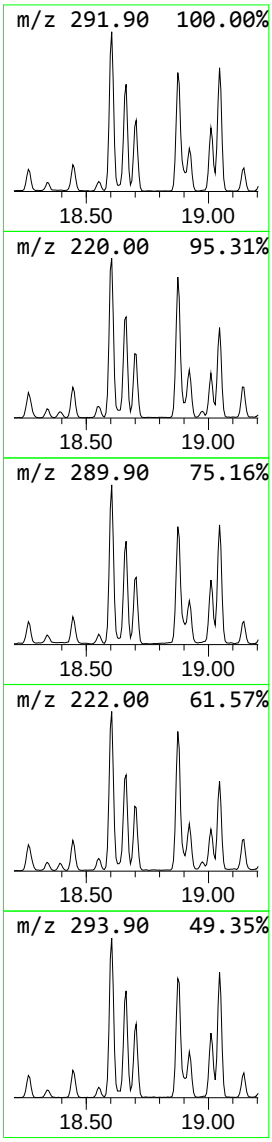
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 1,1'-Biphenyl, 2,2',6,6'-te... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.704	7.22 ng/ul	1098710	Phenanthrene-d10	17.563

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
2	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
3	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
4	1,1'-Biphenyl, 2,4,4',6-tetrachl...	290	C12H6Cl4	032598-12-2	99
5	1,1'-Biphenyl, 2,3,3',4'-tetrach...	290	C12H6Cl4	041464-43-1	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014948.D
Acq On : 04 May 2023 12:46
Operator : CG/JU
Sample : 02447-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW933

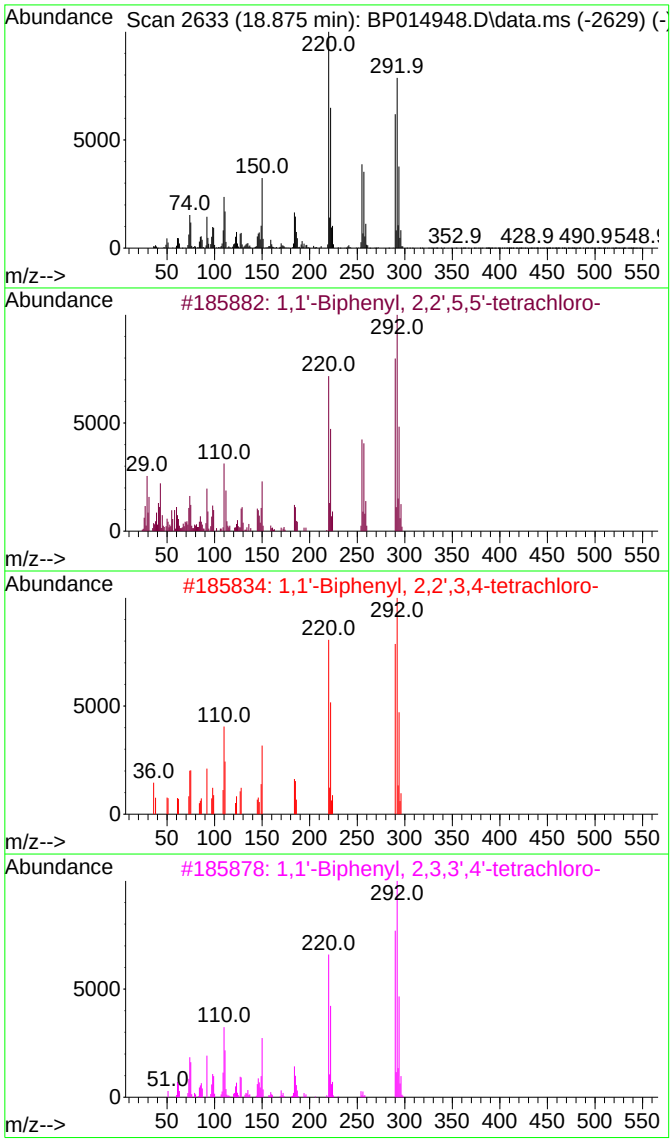
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

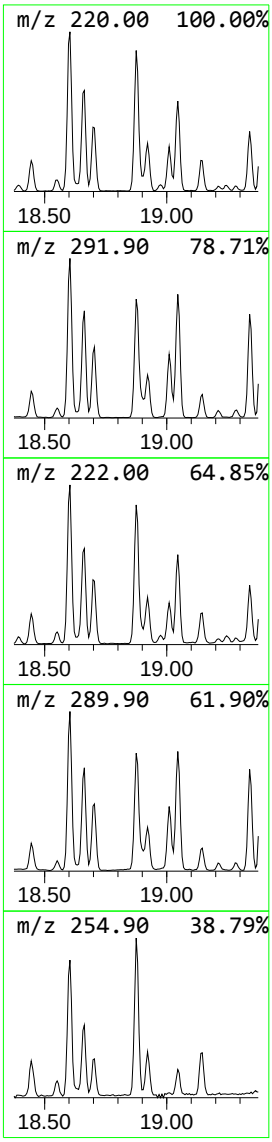
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 1,1'-Biphenyl, 2,2',5,5'-te... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.875	15.59 ng/ul	2374610	Phenanthrene-d10	17.563

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	99
2	1,1'-Biphenyl, 2,2',3,4-tetrachl...	290	C12H6Cl4	052663-59-9	99
3	1,1'-Biphenyl, 2,3,3',4'-tetrach...	290	C12H6Cl4	041464-43-1	99
4	1,1'-Biphenyl, 2,2',3,4'-tetrach...	290	C12H6Cl4	036559-22-5	99
5	Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014948.D
Acq On : 04 May 2023 12:46
Operator : CG/JU
Sample : 02447-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW933

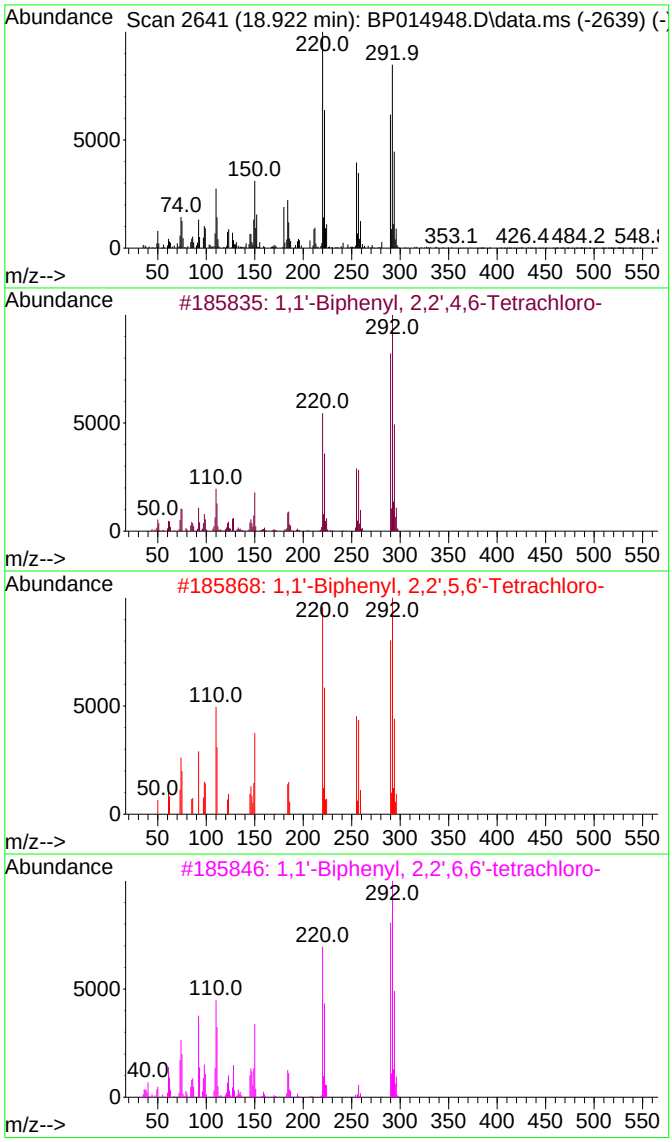
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

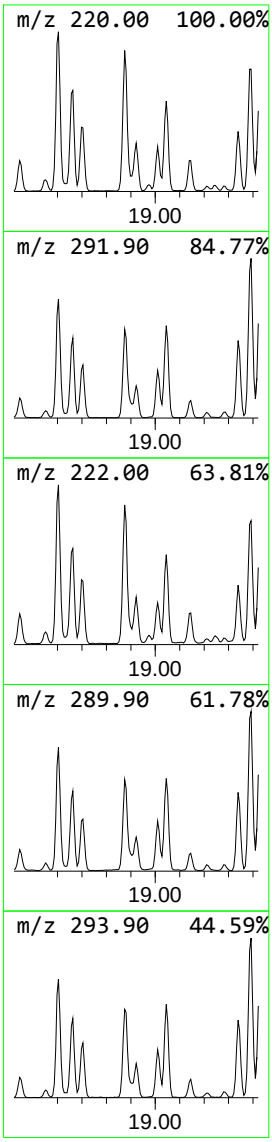
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.922	5.65 ng/ul	859980	Phenanthrene-d10	17.563

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	99
2	1,1'-Biphenyl, 2,2',5,6'-Tetrach...	290	C12H6Cl4	041464-41-9	99
3	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
4	1,1'-Biphenyl, 2,2',5,6'-Tetrach...	290	C12H6Cl4	041464-41-9	98
5	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	98





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014948.D
Acq On : 04 May 2023 12:46
Operator : CG/JU
Sample : 02447-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW933

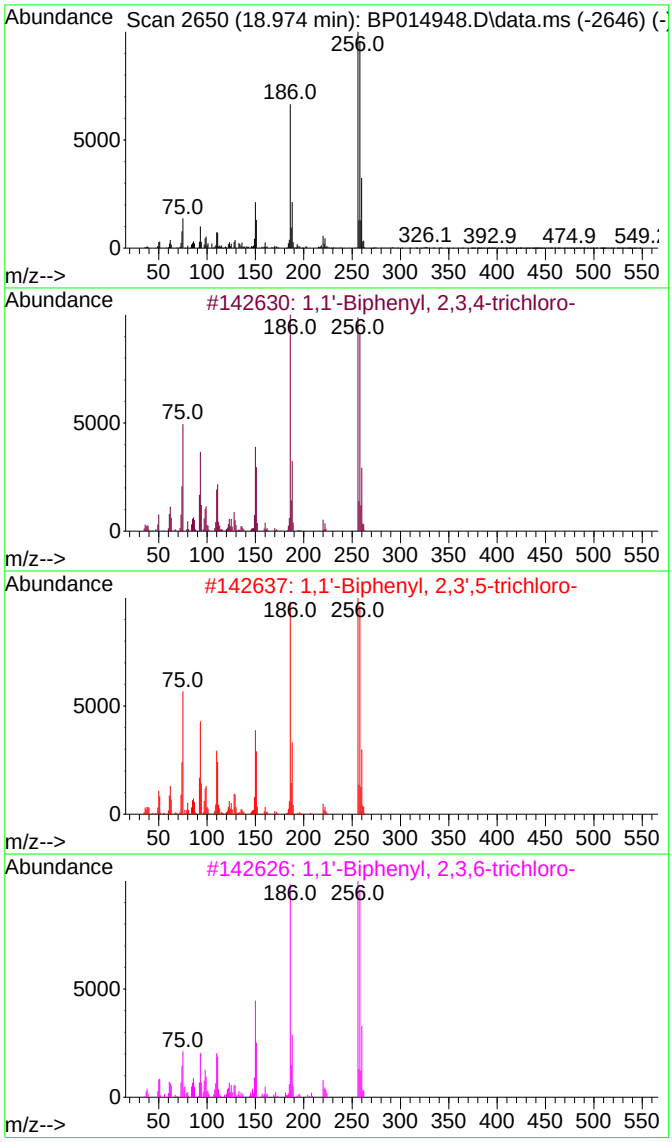
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

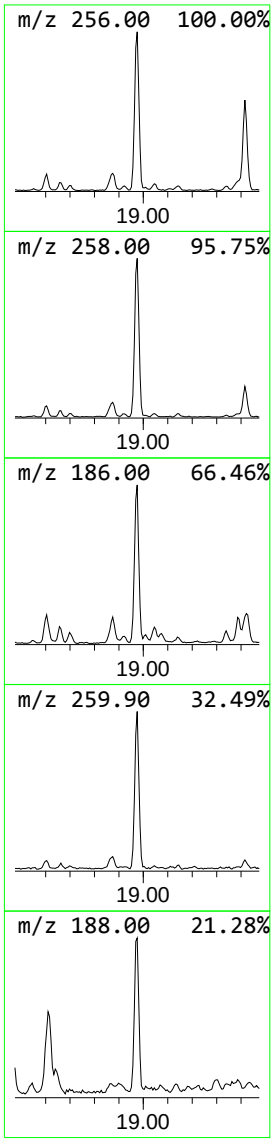
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 1,1'-Biphenyl, 2,3,4-trichl... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.974	6.60 ng/ul	1004470	Phenanthrene-d10	17.563

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,4-trichloro-	256	C12H7Cl3	055702-46-0	99
2	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	99
3	1,1'-Biphenyl, 2,3,6-trichloro-	256	C12H7Cl3	055702-45-9	99
4	1,1'-Biphenyl, 3,3',5-trichloro-	256	C12H7Cl3	038444-87-0	99
5	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014948.D
Acq On : 04 May 2023 12:46
Operator : CG/JU
Sample : 02447-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW933

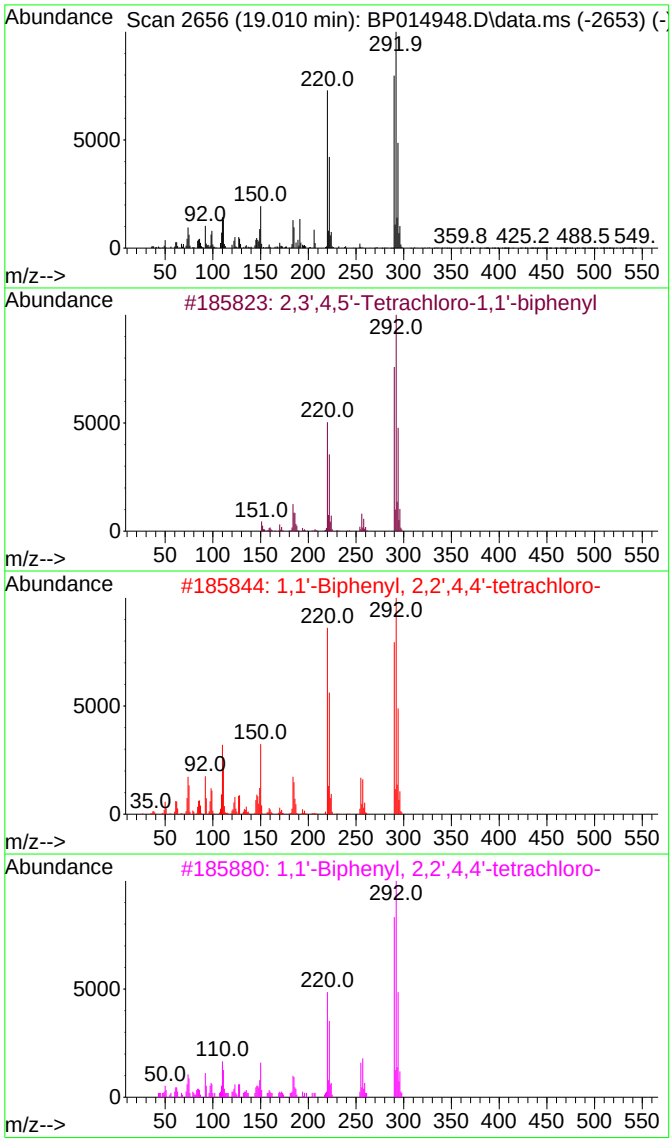
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

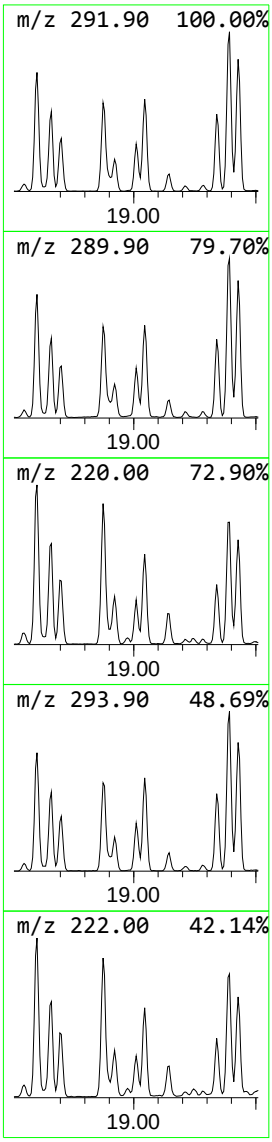
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 2,3',4,5'-Tetrachloro-1,1'-... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.010	3.91 ng/ul	595182	Phenanthrene-d10	17.563

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, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
3	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
4	1,1'-Biphenyl, 2,3',4',6-tetrach...	290	C12H6Cl4	041464-46-4	99
5	1,1'-Biphenyl, 2,2',3,5'-tetrach...	290	C12H6Cl4	041464-39-5	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014948.D
Acq On : 04 May 2023 12:46
Operator : CG/JU
Sample : 02447-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW933

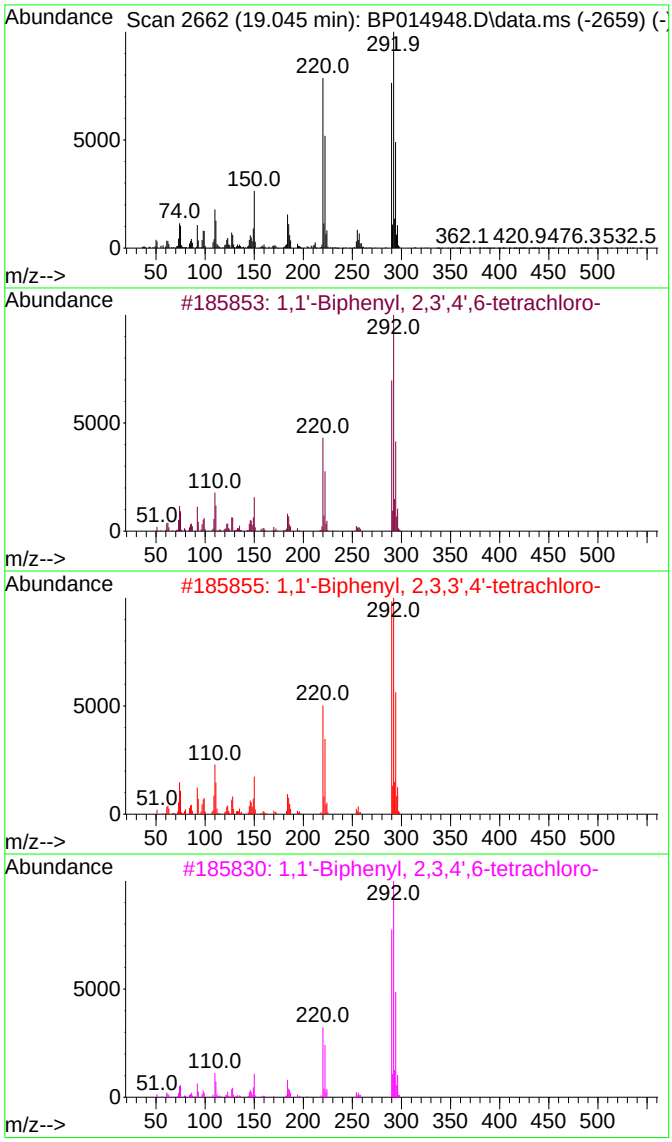
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

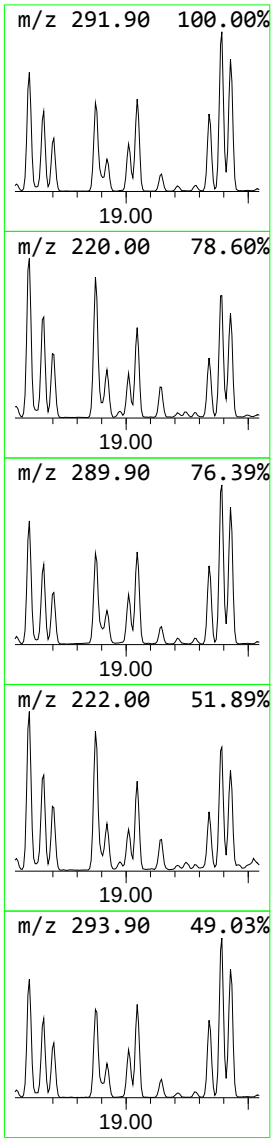
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 1,1'-Biphenyl, 2,3',4',6-te... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.045	7.86 ng/ul	1197590	Phenanthrene-d10	17.563

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3',4',6-tetrach...	290	C12H6Cl4	041464-46-4	99
2	1,1'-Biphenyl, 2,3,3',4'-tetrach...	290	C12H6Cl4	041464-43-1	99
3	1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	99
4	1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	99
5	2,3',5',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074338-23-1	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014948.D
Acq On : 04 May 2023 12:46
Operator : CG/JU
Sample : 02447-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW933

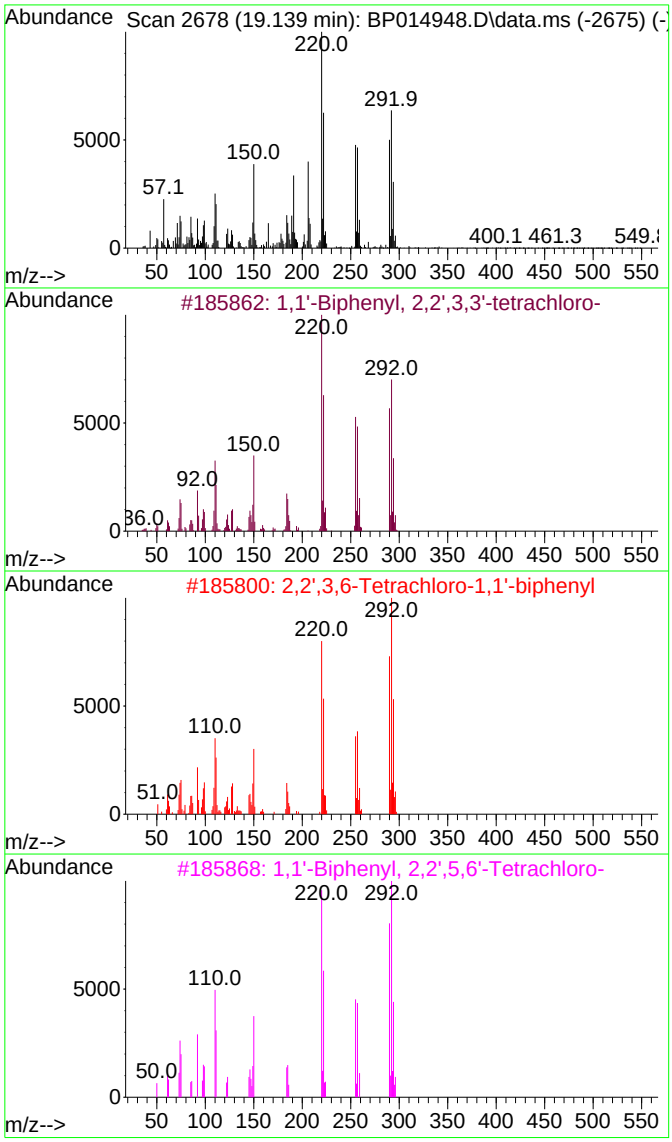
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

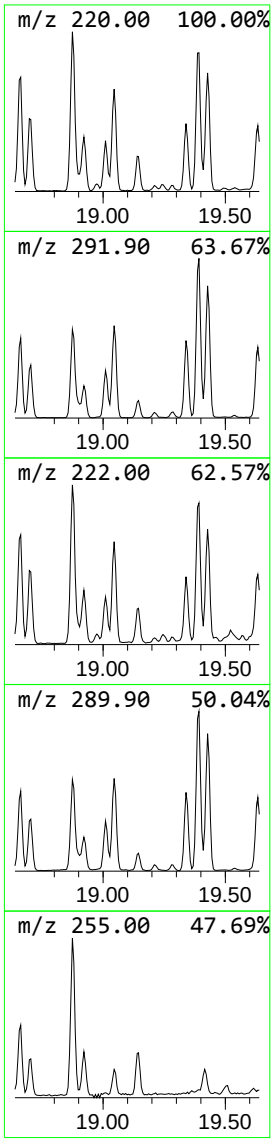
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 1,1'-Biphenyl, 2,2',3,3'-te... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.139	3.71 ng/ul	564795	Phenanthrene-d10	17.563

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3'-tetrach...	290	C12H6Cl4	038444-93-8	99
2	2,2',3,6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-45-7	99
3	1,1'-Biphenyl, 2,2',5,6'-Tetrach...	290	C12H6Cl4	041464-41-9	99
4	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
5	1,1'-Biphenyl, 2,2',5,6'-Tetrach...	290	C12H6Cl4	041464-41-9	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014948.D
Acq On : 04 May 2023 12:46
Operator : CG/JU
Sample : 02447-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW933

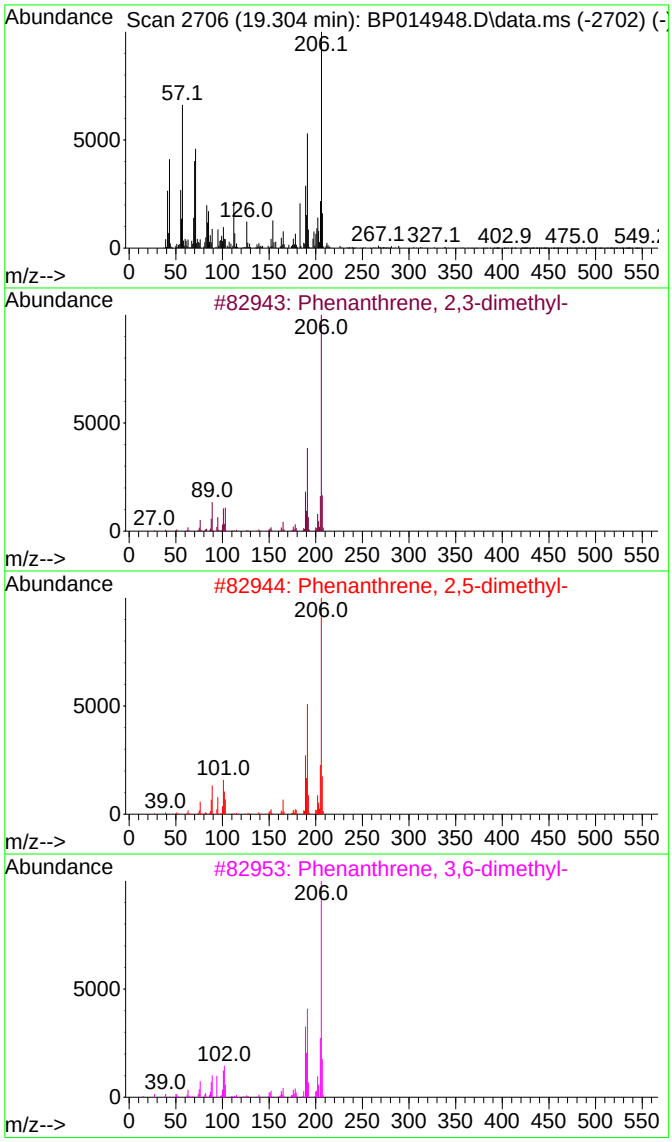
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

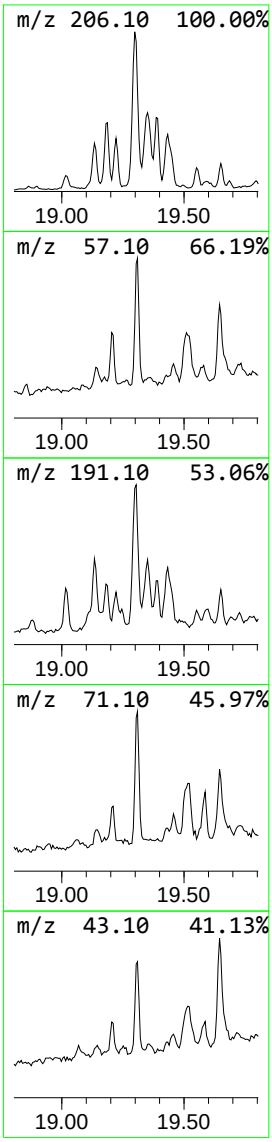
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Phenanthrene, 2,3-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.304	5.66 ng/ul	861457	Phenanthrene-d10	17.563

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	70
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	70
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	64
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	64
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014948.D
Acq On : 04 May 2023 12:46
Operator : CG/JU
Sample : 02447-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW933

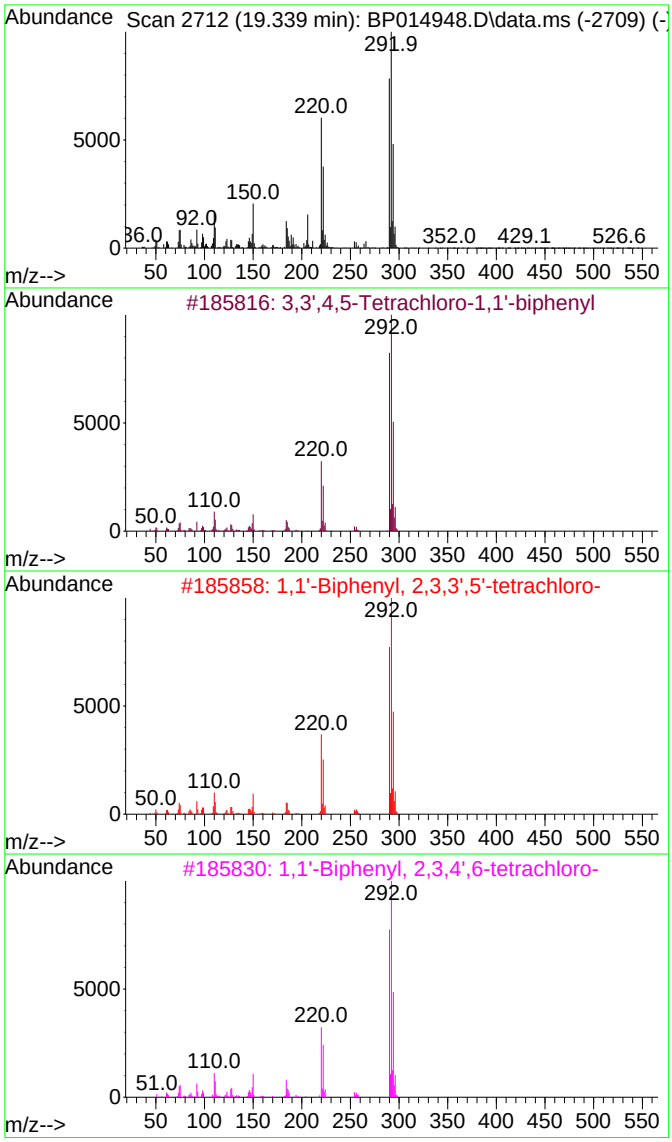
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

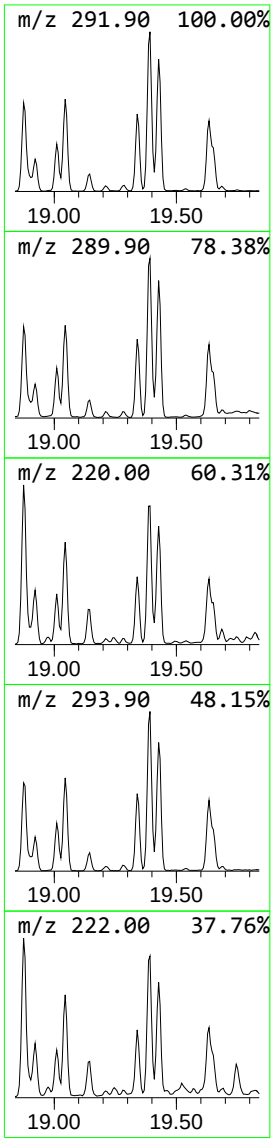
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 3,3',4,5-Tetrachloro-1,1'-b... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.339	6.84 ng/ul	1040850	Phenanthrene-d10	17.563

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-49-1	99
2	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99
3	1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	99
4	1,1'-Biphenyl, 2,3',4',6-tetrach...	290	C12H6Cl4	041464-46-4	99
5	2,3,3',4-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074338-24-2	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014948.D
Acq On : 04 May 2023 12:46
Operator : CG/JU
Sample : 02447-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW933

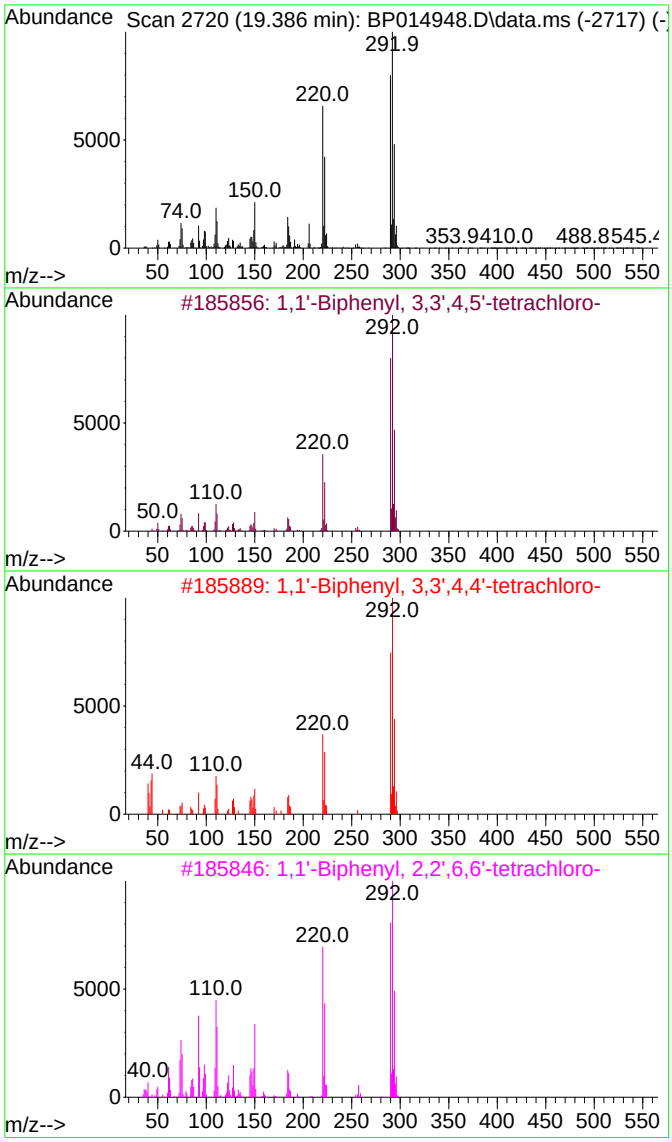
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

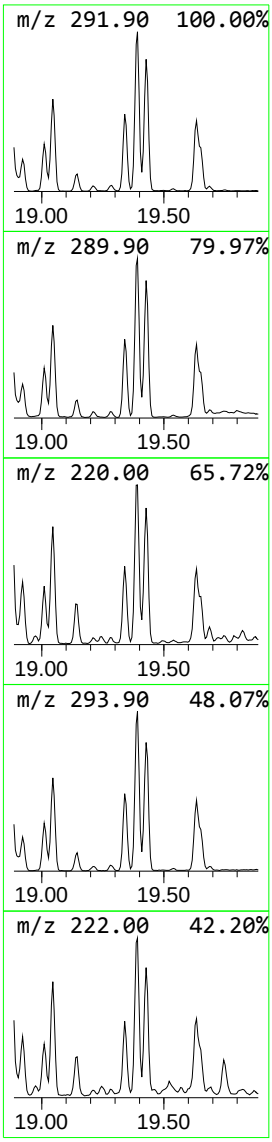
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 1,1'-Biphenyl, 3,3',4,5'-te... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.386	13.68 ng/ul	2083080	Phenanthrene-d10	17.563

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3,3',4,5'-tetrach...	290	C12H6Cl4	041464-48-6	99
2	1,1'-Biphenyl, 3,3',4,4'-tetrach...	290	C12H6Cl4	032598-13-3	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	97
5	2,2',4,6'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	068194-04-7	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014948.D
Acq On : 04 May 2023 12:46
Operator : CG/JU
Sample : 02447-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW933

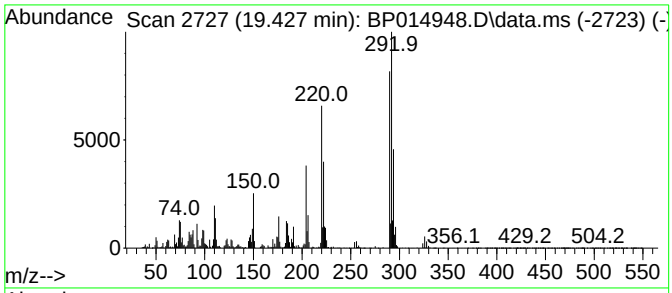
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

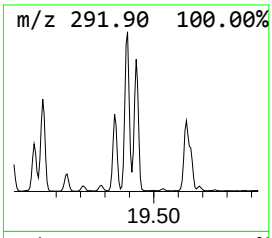
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

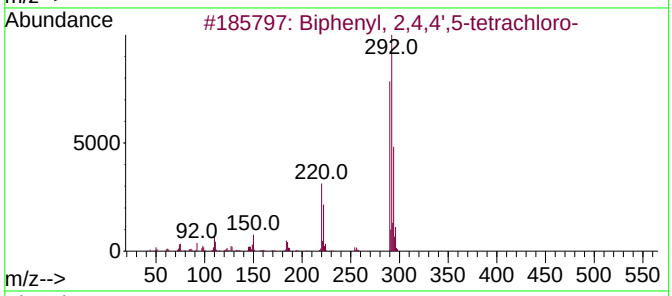
****
Peak Number 26 Biphenyl, 2,4,4',5-tetrachl... Concentration Rank 3

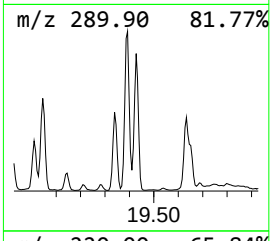
R.T.	EstConc	Area	Relative to ISTD	R.T.
19.427	20.19 ng/ul	3075020	Phenanthrene-d10	17.563

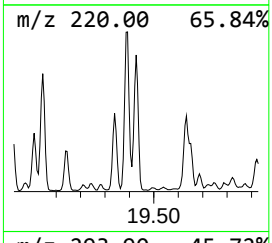
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	99
2	1,1'-Biphenyl, 2,3,3',4'-tetrach...	290	C12H6Cl4	041464-43-1	99
3	2,3,3',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-33-6	99
4	1,1'-Biphenyl, 2,3',4,6-Tetrachl...	290	C12H6Cl4	060233-24-1	99
5	3,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-49-1	99

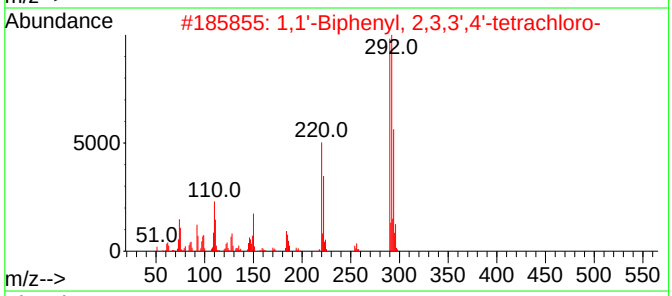


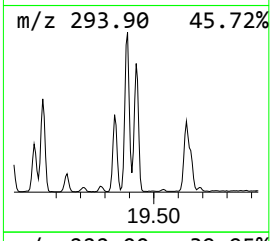


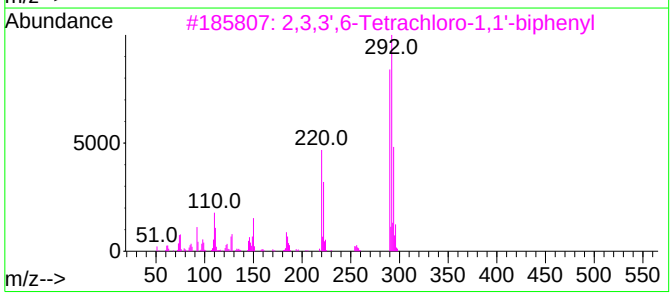


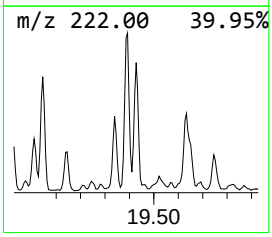












Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014948.D
Acq On : 04 May 2023 12:46
Operator : CG/JU
Sample : 02447-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW933

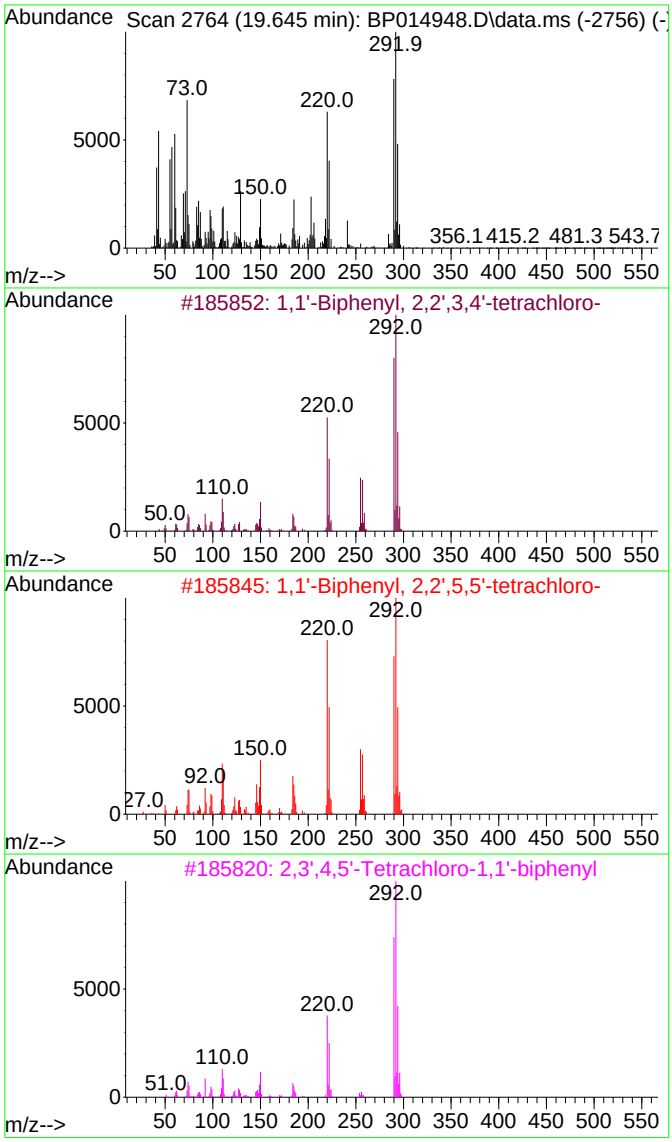
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

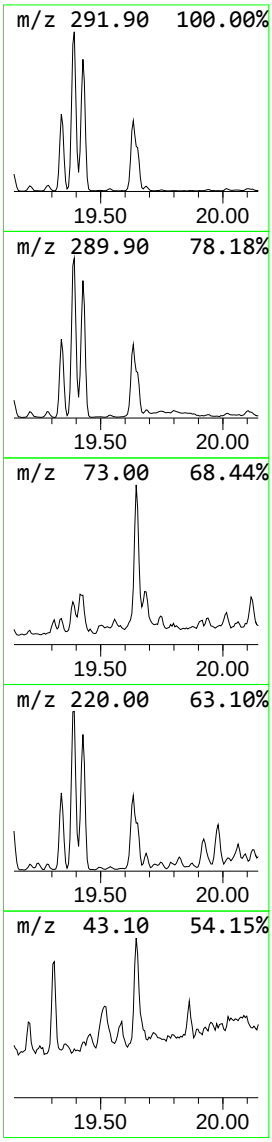
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 1,1'-Biphenyl, 2,2',3,4'-te... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.645	5.48 ng/ul	2055500	Chrysene-d12	21.645

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4'-tetrach...	290	C12H6Cl4	036559-22-5	98
2	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	98
3	2,3',4,5'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	073575-52-7	98
4	2,3,3',4-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074338-24-2	98
5	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	98





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014948.D
Acq On : 04 May 2023 12:46
Operator : CG/JU
Sample : 02447-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW933

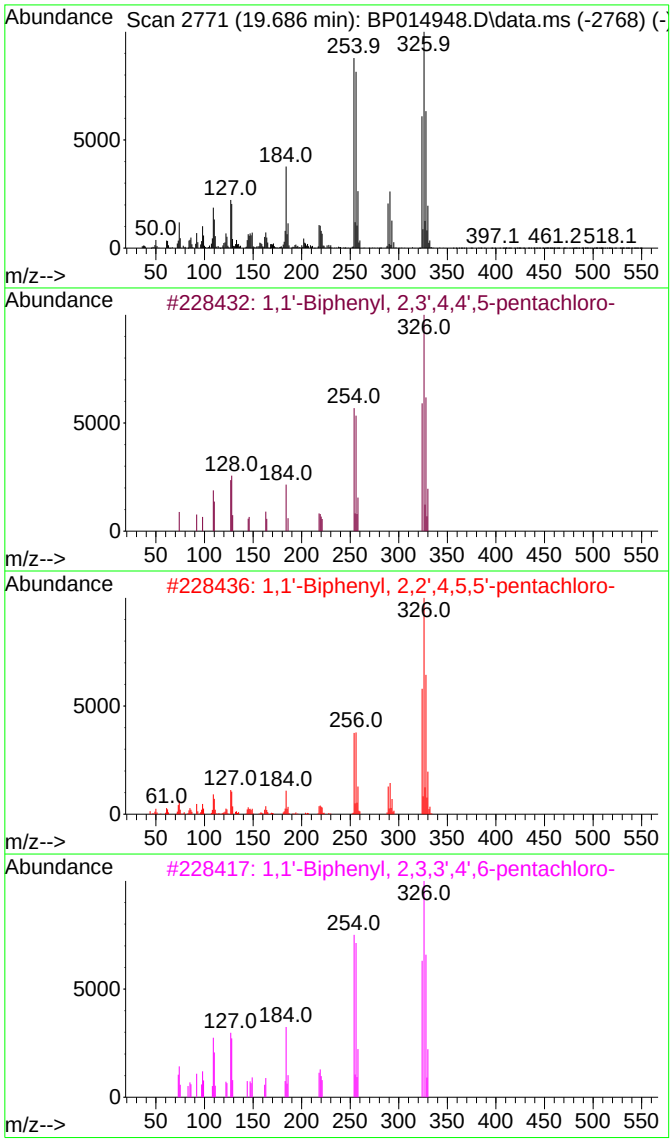
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

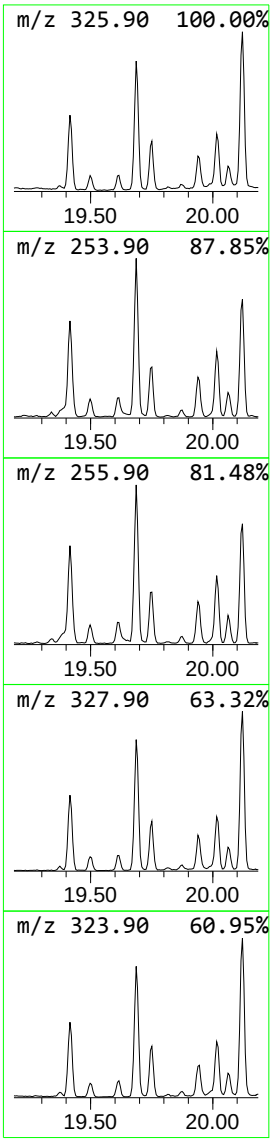
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 1,1'-Biphenyl, 2,3',4,4',5-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.686	4.66 ng/ul	1748050	Chrysene-d12	21.645

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	99
2	1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	99
3	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
4	2,3,3,',5',6-Pentachloro-1,1'-bi...	324	C12H5Cl5	068194-10-5	98
5	1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	98





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014948.D
Acq On : 04 May 2023 12:46
Operator : CG/JU
Sample : 02447-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW933

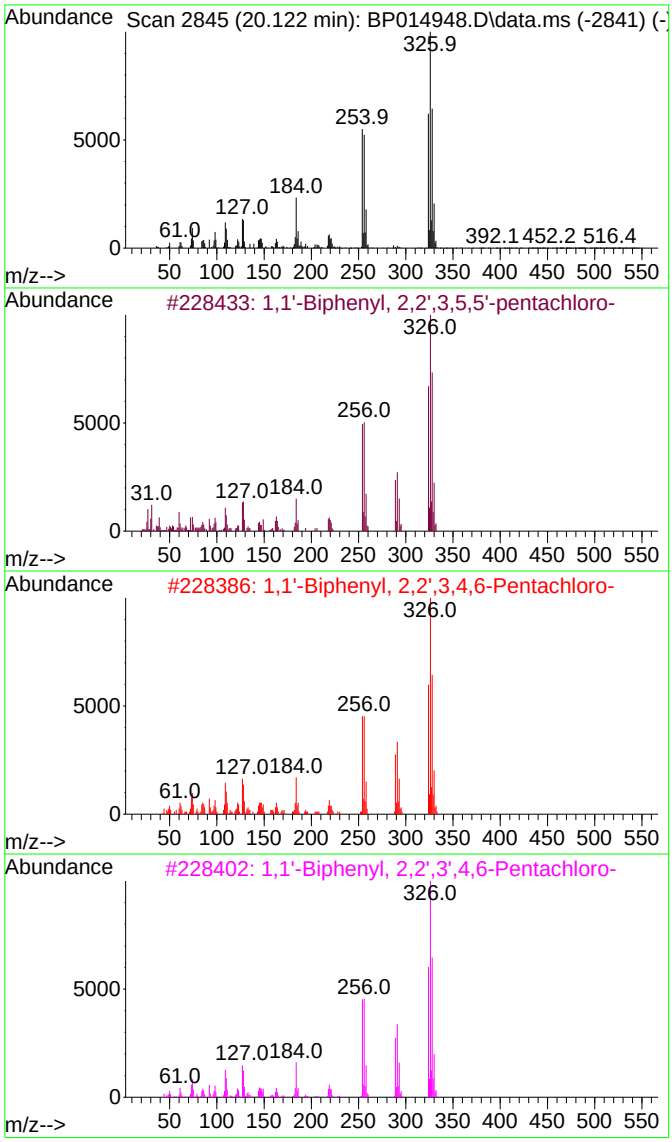
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

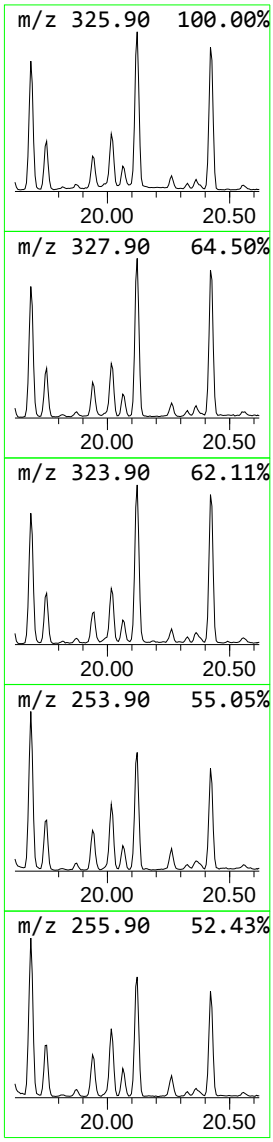
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 1,1'-Biphenyl, 2,2',3,5,5'-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.122	5.74 ng/ul	2150210	Chrysene-d12	21.645

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	99
2	1,1'-Biphenyl, 2,2',3,4,6-Pentac...	324	C12H5Cl5	055215-17-3	99
3	1,1'-Biphenyl, 2,2',3',4,6-Penta...	324	C12H5Cl5	060233-25-2	99
4	2,3,3',4',5'- Pentachloro-1,1'-b...	324	C12H5Cl5	076842-07-4	99
5	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014948.D
Acq On : 04 May 2023 12:46
Operator : CG/JU
Sample : 02447-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW933

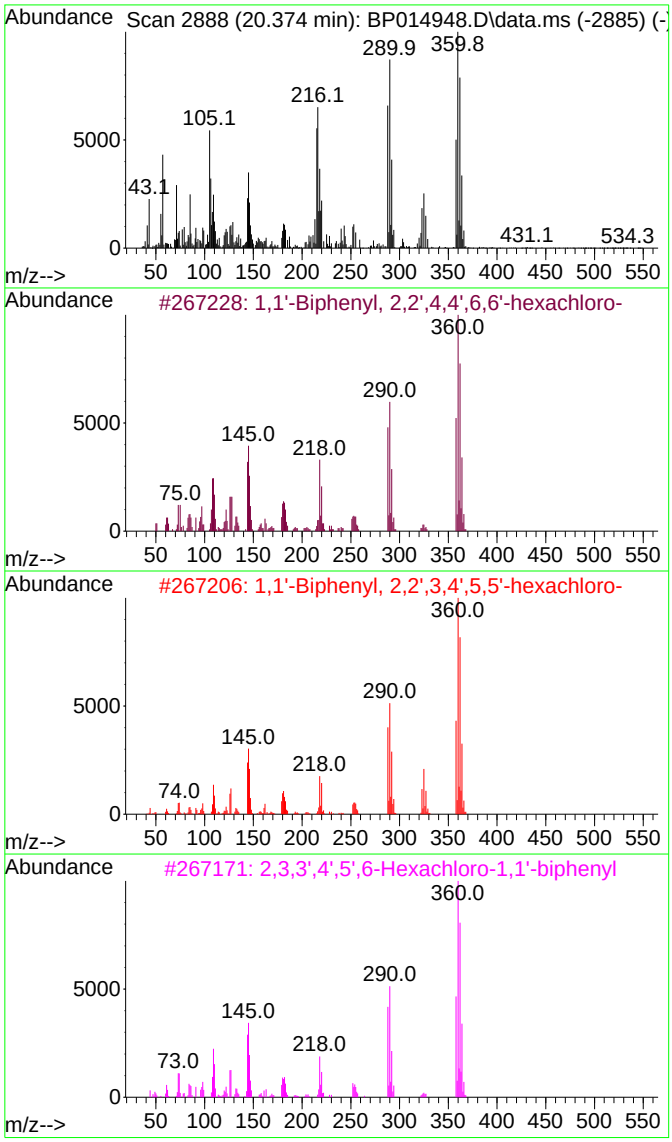
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

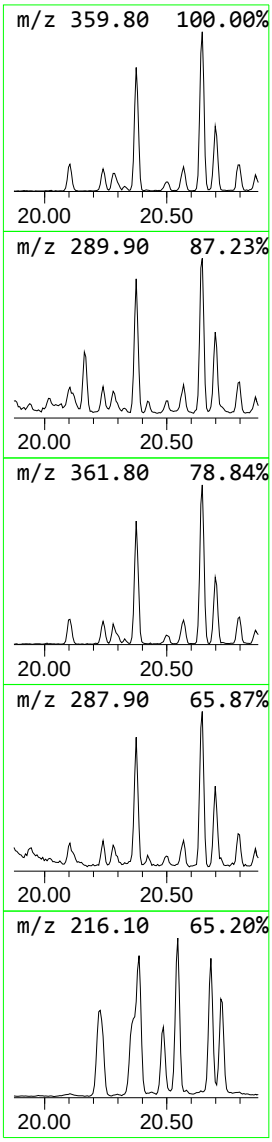
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 1,1'-Biphenyl, 2,2',4,4',6,... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.374	3.54 ng/ul	1325610	Chrysene-d12	21.645

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4',6,6'-he...	358	C12H4Cl6	033979-03-2	99
2	1,1'-Biphenyl, 2,2',3,4',5,5'-he...	358	C12H4Cl6	051908-16-8	99
3	2,3,3',4',5',6-Hexachloro-1,1'-b...	358	C12H4Cl6	074472-45-0	99
4	1,1'-Biphenyl, 2,2',3,4',5',6-he...	358	C12H4Cl6	038380-04-0	99
5	2,2',3,4,6,6'-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-40-5	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014948.D
Acq On : 04 May 2023 12:46
Operator : CG/JU
Sample : 02447-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW933

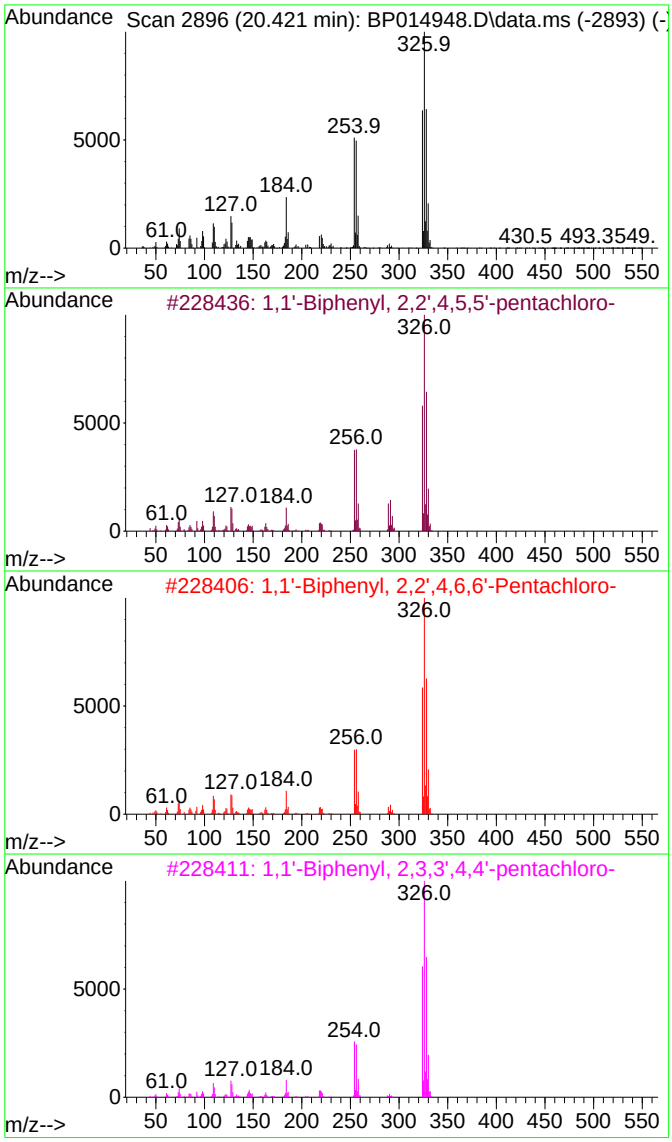
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

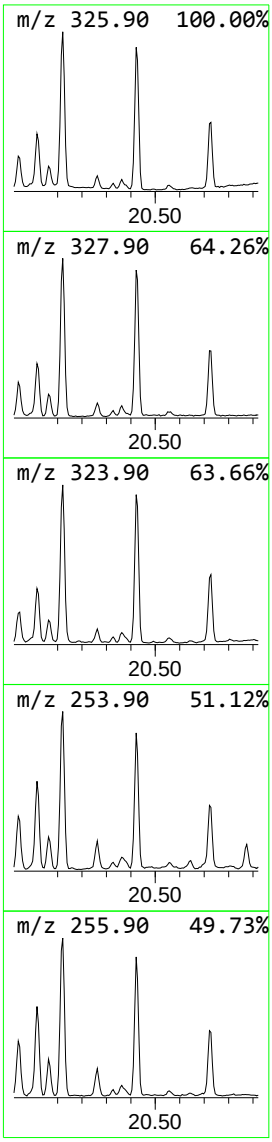
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.422	2.90 ng/ul	1088580	Chrysene-d12	21.645

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, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	99
3	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99
4	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	99
5	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014948.D
Acq On : 04 May 2023 12:46
Operator : CG/JU
Sample : 02447-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW933

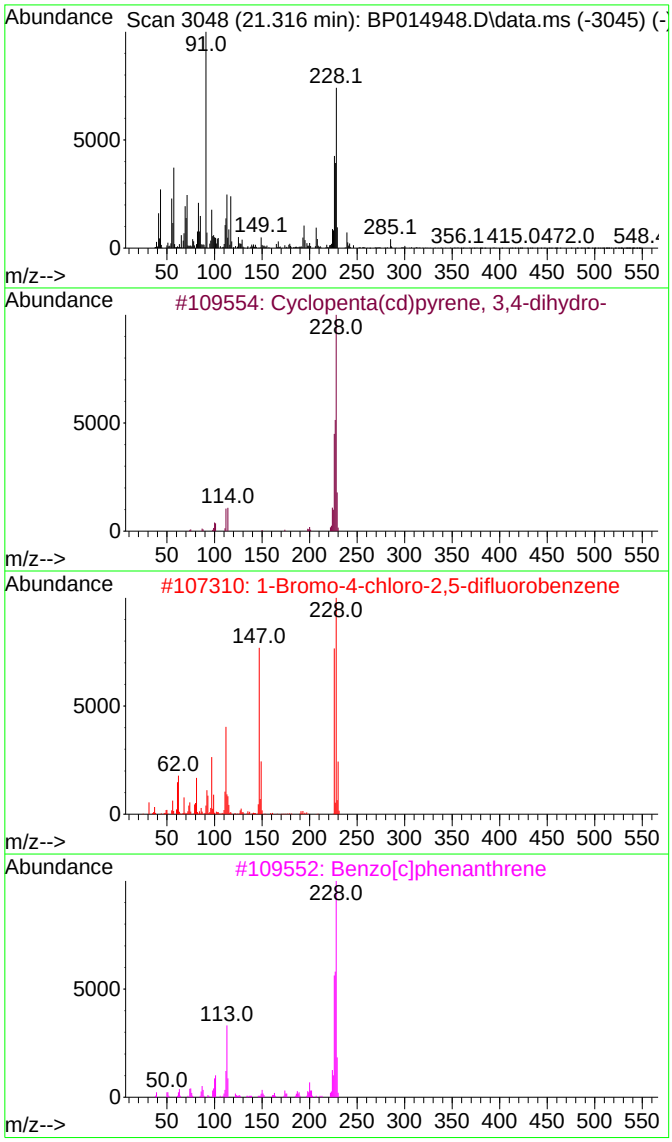
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

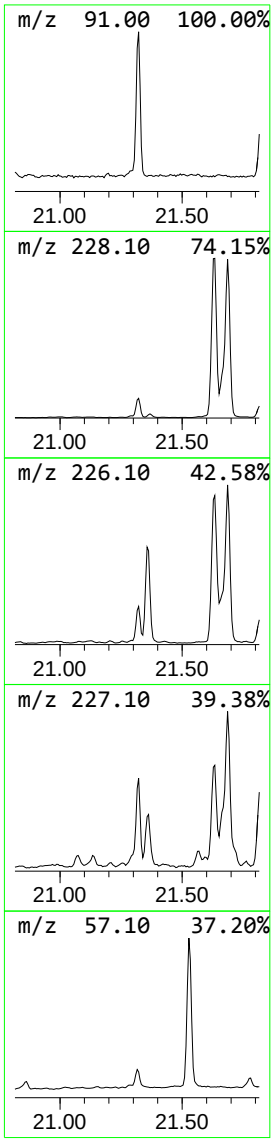
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.316	4.03 ng/ul	1509840	Chrysene-d12	21.645

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	64
2	1-Bromo-4-chloro-2,5-difluoroben...	226	C6H2BrClF2	172921-33-4	49
3	Benzo[c]phenanthrene	228	C18H12	000195-19-7	49
4	Isothiazol-5-amine, 4-bromo-3-ch...	226	C4H4BrClN2S	1000272-59-9	46
5	1-Bromo-2-chloro-4,5-difluoroben...	226	C6H2BrClF2	1000512-66-6	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014948.D
Acq On : 04 May 2023 12:46
Operator : CG/JU
Sample : 02447-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW933

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

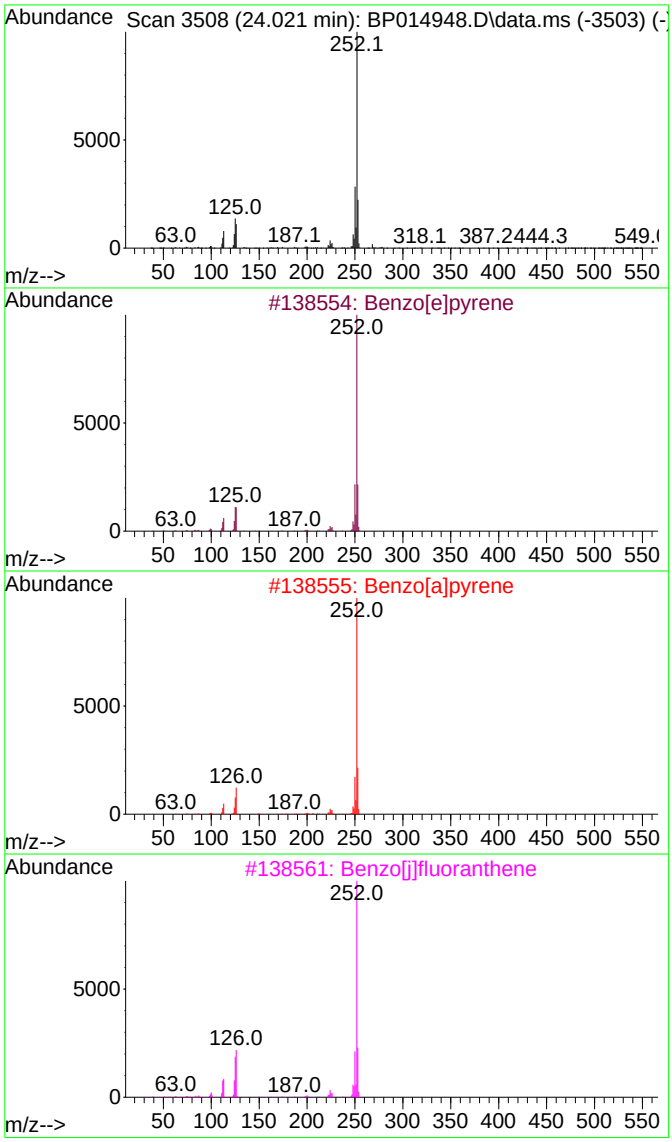
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

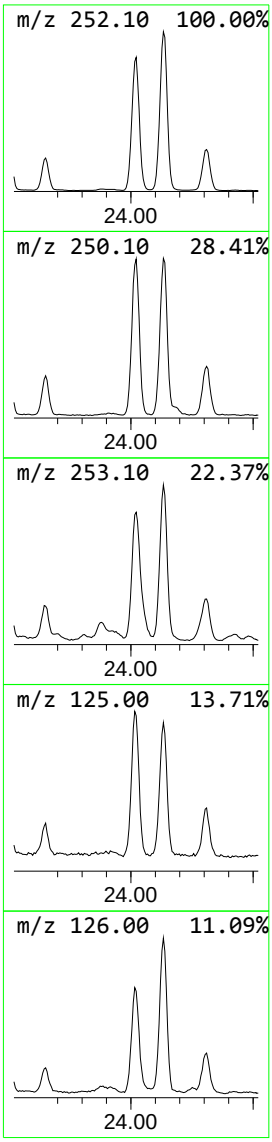
****

Peak Number 35 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.021	20.31 ng/ul	2395750	Perylene-d12	24.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	98
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014948.D
Acq On : 04 May 2023 12:46
Operator : CG/JU
Sample : 02447-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW933

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.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
Tricyclo[5.2.1....	12.393	17.9	ng/ul	1774520	2	10.999	1978730	20.0
1,1'-Biphenyl, ...	16.057	3.3	ng/ul	375254	3	14.810	2266080	20.0
Benzophenone	16.163	3.0	ng/ul	343802	3	14.810	2266080	20.0
1,1'-Biphenyl, ...	16.786	3.3	ng/ul	495762	4	17.563	3045420	20.0
1,1'-Biphenyl, ...	17.439	6.1	ng/ul	928064	4	17.563	3045420	20.0
1,1'-Biphenyl, ...	18.151	34.7	ng/ul	5282000	4	17.563	3045420	20.0
1,1'-Biphenyl, ...	18.275	7.9	ng/ul	1207940	4	17.563	3045420	20.0
1,1'-Biphenyl, ...	18.392	8.3	ng/ul	1261010	4	17.563	3045420	20.0
Anthracene, 2-m...	18.422	3.6	ng/ul	553658	4	17.563	3045420	20.0
Phenanthrene, 2...	18.545	2.9	ng/ul	444602	4	17.563	3045420	20.0
1,1'-Biphenyl, ...	18.604	20.0	ng/ul	3046620	4	17.563	3045420	20.0
1,1'-Biphenyl, ...	18.657	11.8	ng/ul	1800190	4	17.563	3045420	20.0
1,1'-Biphenyl, ...	18.704	7.2	ng/ul	1098710	4	17.563	3045420	20.0
1,1'-Biphenyl, ...	18.875	15.6	ng/ul	2374610	4	17.563	3045420	20.0
1,1'-Biphenyl, ...	18.922	5.7	ng/ul	859980	4	17.563	3045420	20.0
1,1'-Biphenyl, ...	18.974	6.6	ng/ul	1004470	4	17.563	3045420	20.0
2,3',4,5'-Tetra...	19.010	3.9	ng/ul	595182	4	17.563	3045420	20.0
1,1'-Biphenyl, ...	19.045	7.9	ng/ul	1197590	4	17.563	3045420	20.0
1,1'-Biphenyl, ...	19.139	3.7	ng/ul	564795	4	17.563	3045420	20.0
Phenanthrene, 2...	19.304	5.7	ng/ul	861457	4	17.563	3045420	20.0
3,3',4,5-Tetrac...	19.339	6.8	ng/ul	1040850	4	17.563	3045420	20.0
1,1'-Biphenyl, ...	19.386	13.7	ng/ul	2083080	4	17.563	3045420	20.0
Biphenyl, 2,4,4...	19.427	20.2	ng/ul	3075020	4	17.563	3045420	20.0
1,1'-Biphenyl, ...	19.645	5.5	ng/ul	2055500	5	21.645	7495460	20.0
1,1'-Biphenyl, ...	19.686	4.7	ng/ul	1748050	5	21.645	7495460	20.0
1,1'-Biphenyl, ...	20.122	5.7	ng/ul	2150210	5	21.645	7495460	20.0
1,1'-Biphenyl, ...	20.374	3.5	ng/ul	1325610	5	21.645	7495460	20.0
1,1'-Biphenyl, ...	20.422	2.9	ng/ul	1088580	5	21.645	7495460	20.0
Cyclopenta(cd)p...	21.316	4.0	ng/ul	1509840	5	21.645	7495460	20.0
Benzo[e]pyrene	24.021	20.3	ng/ul	2395750	6	24.251	2359020	20.0