LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122023\
Data File : BP018996.D
Acq On : 21 Dec 2023 11:49
Operator : MA/JU
Sample : AR1660 50PPM
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AR1660 50PPM

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-BP120123.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP018996.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	6	8	11	rVB	38790	37395	1.41%	0.166%
2	3.176	11	15	23	rVB	783753	784501	29.61%	3.484%
3	3.305	35	37	40	rVB4	4189	4425	0.17%	0.020%
4	3.470	61	65	66	rBV4	2367	3087	0.12%	0.014%
5	3.511	69	72	78	rVB2	15721	21162	0.80%	0.094%
6	3.993	150	154	160	rVB2	15719	22317	0.84%	0.099%
7	4.140	175	179	184	rBV	15927	18862	0.71%	0.084%
8	4.193	184	188	194	rVB	21100	26253	0.99%	0.117%
9	4.299	202	206	209	rBV	19050	24854	0.94%	0.110%
10	4.340	209	213	219	rVB	19879	26492	1.00%	0.118%
11	4.440	227	230	235	rBV2	6692	10422	0.39%	0.046%
12	5.528	411	415	420	rVB8	2276	4162	0.16%	0.018%
13	5.881	471	475	477	rBV5	2523	3448	0.13%	0.015%
14	5.923	480	482	486	rVB5	2604	2769	0.10%	0.012%
15	6.464	570	574	578	rVB5	5763	8119	0.31%	0.036%
16	6.611	594	599	602	rBV3	7210	9157	0.35%	0.041%
17	6.958	655	658	661	rVB5	2747	2812	0.11%	0.012%
18	7.081	676	679	685	rVB8	1621	3109	0.12%	0.014%
19	7.817	797	804	814	rBV	826001	1321544	49.88%	5.869%
20	8.217	867	872	876	rBV8	1321	2909	0.11%	0.013%
21	9.352	1061	1065	1067	rBV5	1756	3112	0.12%	0.014%
22	9.393	1071	1072	1078	rVV5	1841	3223	0.12%	0.014%
23	9.440	1078	1080	1085	rVB6	2021	3179	0.12%	0.014%
24	10.287	1221	1224	1229	rBV6	1561	2917	0.11%	0.013%
25	10.616	1272	1280	1292	rVV	998729	1675376	63.23%	7.440%
26	11.875	1490	1494	1499	rBV8	1691	3273	0.12%	0.015%
27	13.863	1828	1832	1838	rBV9	1961	4160	0.16%	0.018%
28	14.457	1925	1933	1948	rBV	1383288	2151893	81.22%	9.557%
29	14.581	1950	1954	1961	rVV	22667	38174	1.44%	0.170%
30	15.399	2087	2093	2099	rBV9	5342	11662	0.44%	0.052%
31	15.710	2140	2146	2156	rBV	164047	220274	8.31%	0.978%
32	16.151	2214	2221	2229	rBV	39965	59400	2.24%	0.264%
33	16.322	2242	2250	2257	rBV	70638	99693	3.76%	0.443%
34	16.434	2264	2269	2281	rBV	346264	482017	18.19%	2.141%
35	16.516	2281	2283	2288	rVB6	2047	2752	0.10%	0.012%
36	16.734	2315	2320	2330	rVB	45093	62460	2.36%	0.277%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122023\
Data File : BP018996.D
Acq On : 21 Dec 2023 11:49
Operator : MA/JU
Sample : AR1660 50PPM
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AR1660 50PPM

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-BP120123.MA.M
Title : SVOA CALIBRATION

37	16.987	2360	2363	2367	rBV4	3042	5228	0.20%	0.023%
38	17.087	2374	2380	2383	rBV	446344	631349	23.83%	2.804%
39	17.122	2383	2386	2393	rVB	174921	222585	8.40%	0.989%
40	17.204	2393	2400	2414	rBV	1724359	2649566	100.00%	11.767%
41	17.381	2424	2430	2437	rVB	247475	371866	14.03%	1.651%
42	17.575	2459	2463	2468	rBV5	5914	9931	0.37%	0.044%
43	17.663	2473	2478	2481	rVV	74628	98615	3.72%	0.438%
44	17.692	2481	2483	2490	rVB2	35139	39278	1.48%	0.174%
45	17.804	2495	2502	2512	rVV	514654	1003953	37.89%	4.459%
46	17.934	2517	2524	2531	rVV	316265	458657	17.31%	2.037%
47	17.998	2531	2535	2539	rVB3	16112	21935	0.83%	0.097%
48	18.051	2539	2544	2549	rBV	150918	201241	7.60%	0.894%
49	18.104	2549	2553	2559	rVB2	60438	78684	2.97%	0.349%
50	18.210	2566	2571	2575	rBV2	26110	34258	1.29%	0.152%
51	18.263	2575	2580	2586	rVV	221897	303405	11.45%	1.347%
52	18.322	2586	2590	2594	rVV	153546	204077	7.70%	0.906%
53	18.363	2594	2597	2605	rVB2	129651	164966	6.23%	0.733%
54	18.540	2622	2627	2632	rBV2	195496	279048	10.53%	1.239%
55	18.587	2632	2635	2639	rVV	67695	84430	3.19%	0.375%
56	18.640	2640	2644	2647	rVV	36804	52933	2.00%	0.235%
57	18.675	2647	2650	2653	rVV	57183	76263	2.88%	0.339%
58	18.710	2653	2656	2662	rVB	123804	151509	5.72%	0.673%
59	18.810	2669	2673	2677	rVB4	28325	37300	1.41%	0.166%
60	19.010	2704	2707	2710	rBV2	16291	19684	0.74%	0.087%
61	19.087	2712	2720	2729	rVB2	121696	218051	8.23%	0.968%
62	19.281	2751	2753	2761	rBV7	13097	21121	0.80%	0.094%
63	19.357	2761	2766	2771	rBV	139252	180397	6.81%	0.801%
64	19.687	2820	2822	2826	rVB4	18324	21260	0.80%	0.094%
65	19.775	2833	2837	2838	rBV2	58809	69839	2.64%	0.310%
66	19.910	2856	2860	2864	rBV	128961	157972	5.96%	0.702%
67	19.957	2864	2868	2874	rVB5	48480	85283	3.22%	0.379%
68	20.051	2879	2884	2888	rVV	319854	393140	14.84%	1.746%
69	20.098	2890	2892	2898	rVB4	27969	34486	1.30%	0.153%
70	20.245	2914	2917	2920	rVB4	43768	43194	1.63%	0.192%
71	20.322	2925	2930	2934	rBV	339093	423770	15.99%	1.882%
72	20.375	2935	2939	2942	rBV	85952	100022	3.78%	0.444%
73	20.475	2952	2956	2961	rBV4	129587	203747	7.69%	0.905%
74	20.628	2975	2982	2988	rBV	195387	386653	14.59%	1.717%
75	20.775	3003	3007	3012	rVB	215809	246627	9.31%	1.095%
76	20.834	3014	3017	3021	rBV2	100255	117133	4.42%	0.520%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122023\
Data File : BP018996.D
Acq On : 21 Dec 2023 11:49
Operator : MA/JU
Sample : AR1660 50PPM
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AR1660 50PPM

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-BP120123.MA.M
Title : SVOA CALIBRATION

77	21.039	3048	3052	3057	rBV	189444	222891	8.41%	0.990%
78	21.092	3058	3061	3066	rVV5	102598	132358	5.00%	0.588%
79	21.298	3091	3096	3105	rBV	1674195	2637289	99.54%	11.712%
80	21.639	3151	3154	3160	rBV3	125353	181956	6.87%	0.808%
81	23.663	3491	3498	3511	rVB	1077812	2277758	85.97%	10.116%

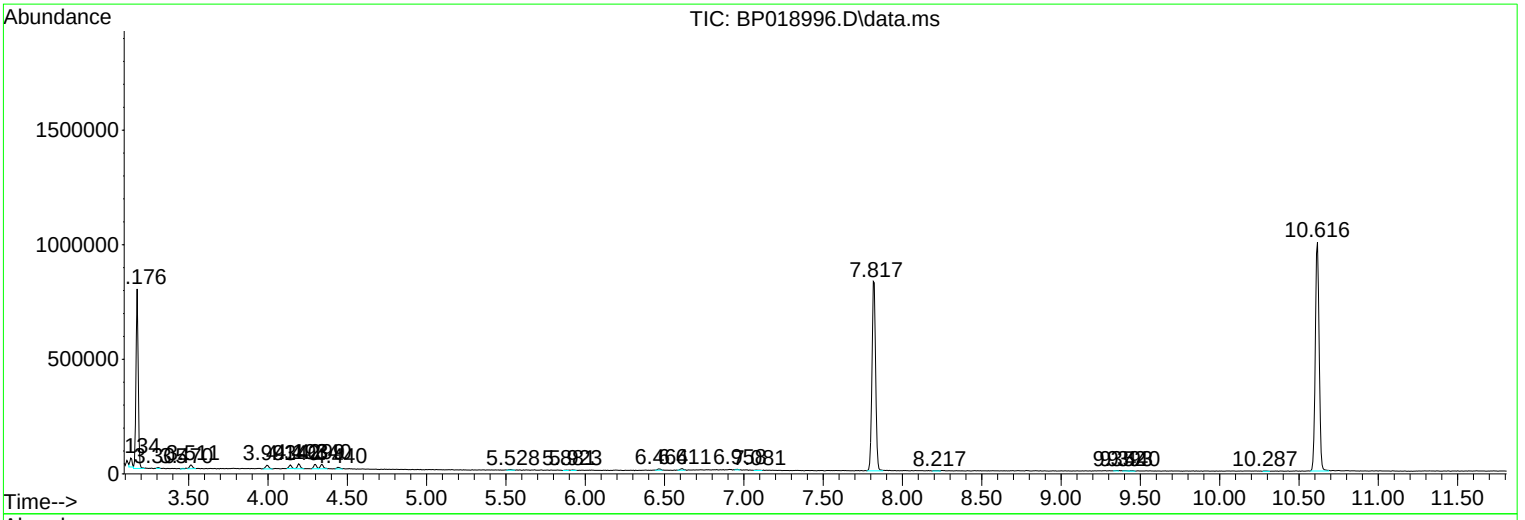
Sum of corrected areas: 22517072

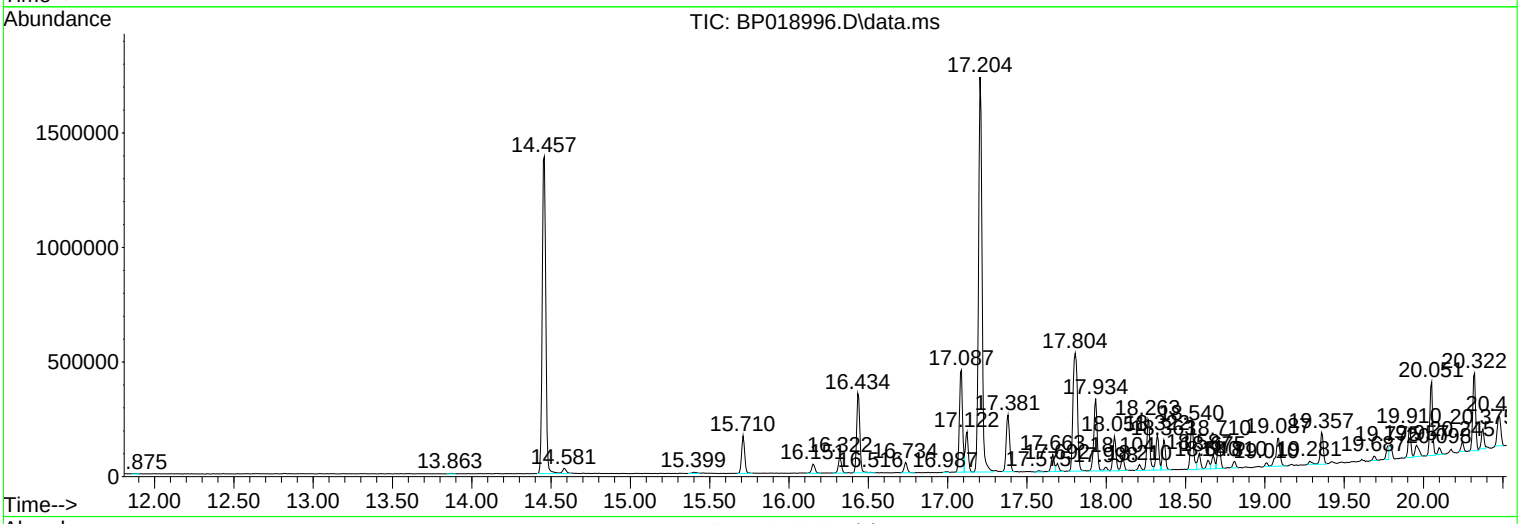
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122023\
Data File : BP018996.D
Acq On : 21 Dec 2023 11:49
Operator : MA/JU
Sample : AR1660 50PPM
Misc :
ALS Vial : 46 Sample Multiplier: 1

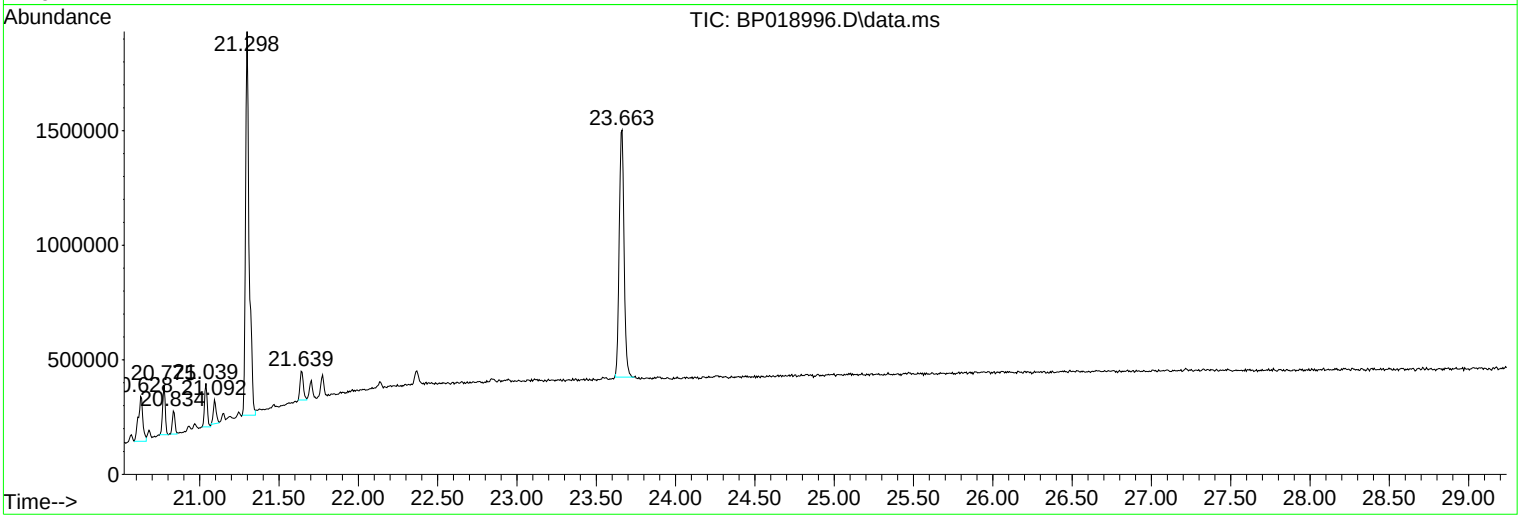
Instrument :
BNA_P
ClientSampleId :
AR1660 50PPM

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.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\BP122023\
Data File : BP018996.D
Acq On : 21 Dec 2023 11:49
Operator : MA/JU
Sample : AR1660 50PPM
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AR1660 50PPM

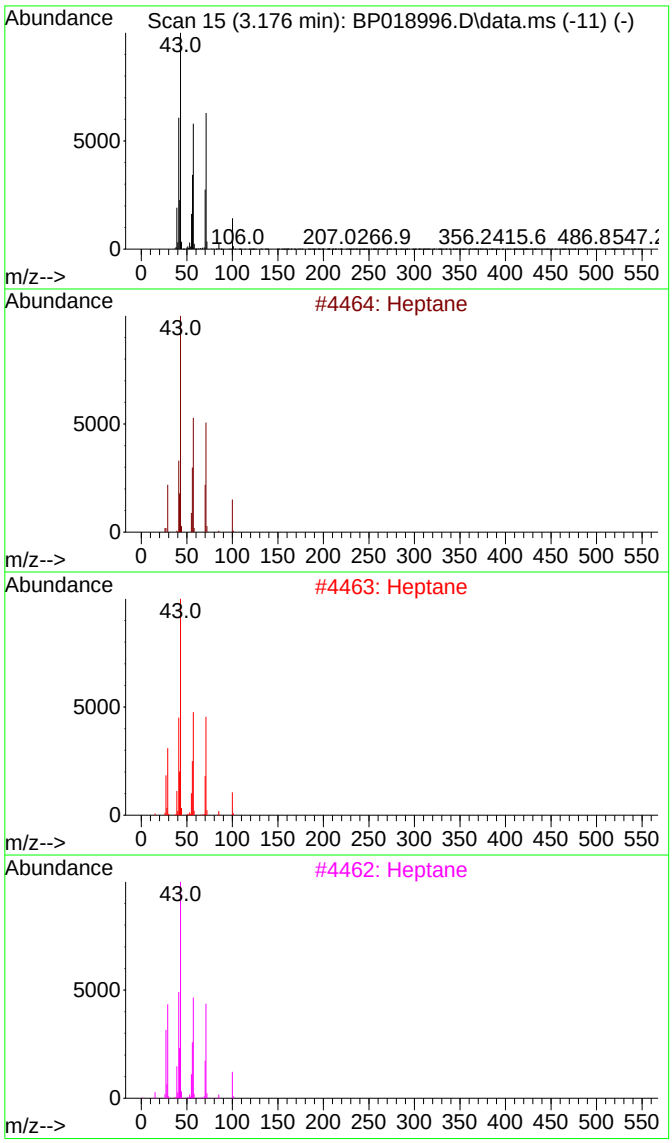
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

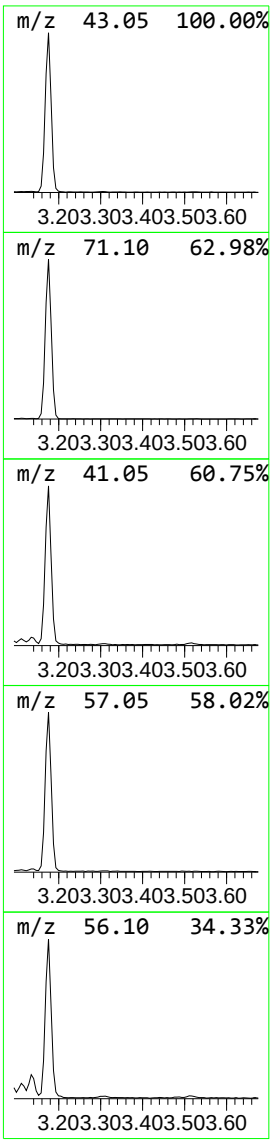
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.176	11.87 ng/ul	784501	1,4-Dichlorobenzene-d4	7.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	91
2	Heptane	100	C7H16	000142-82-5	90
3	Heptane	100	C7H16	000142-82-5	90
4	Heptane	100	C7H16	000142-82-5	86
5	Oxalic acid, 2-ethylhexyl pentyl...	272	C15H28O4	1000309-38-7	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122023\
Data File : BP018996.D
Acq On : 21 Dec 2023 11:49
Operator : MA/JU
Sample : AR1660 50PPM
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AR1660 50PPM

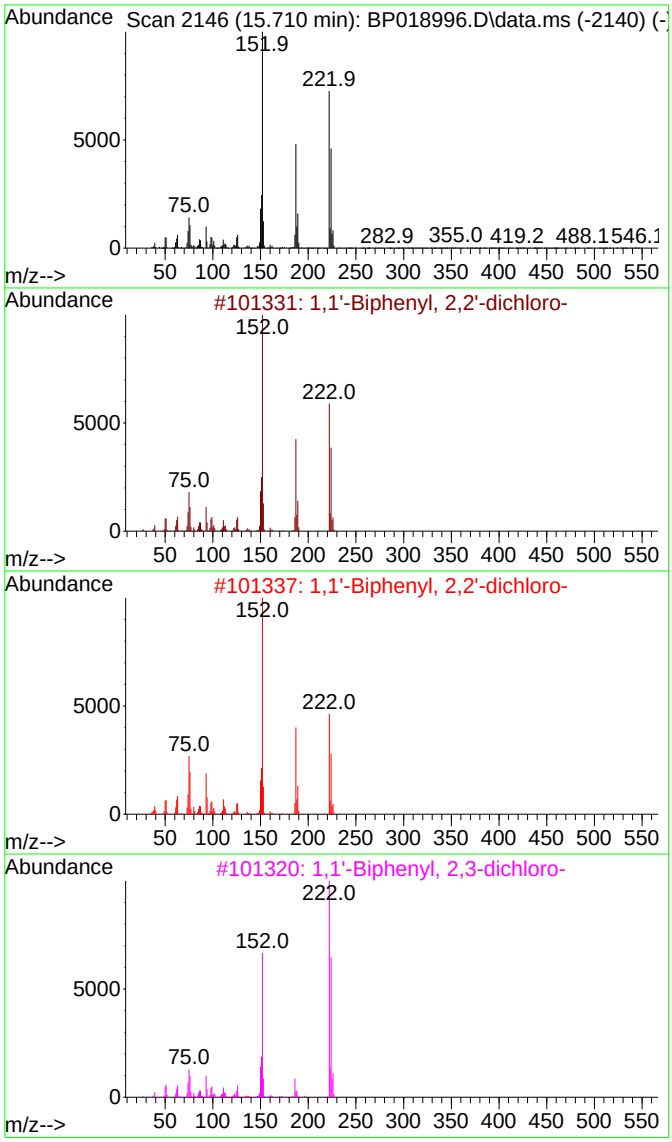
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

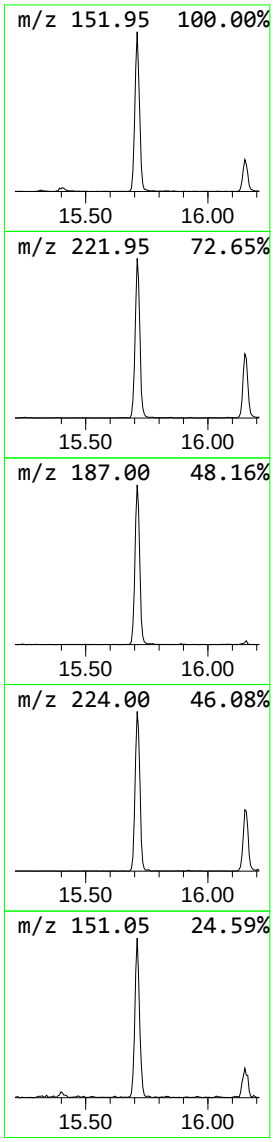
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.710	2.05 ng/ul	220274	Acenaphthene-d10	14.457

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	97
3	1,1'-Biphenyl, 2,3-dichloro-	222	C12H8Cl2	016605-91-7	95
4	1,1'-Biphenyl, 3,4'-dichloro-	222	C12H8Cl2	002974-90-5	95
5	1,1'-Biphenyl, 2,5-dichloro-	222	C12H8Cl2	034883-39-1	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122023\
Data File : BP018996.D
Acq On : 21 Dec 2023 11:49
Operator : MA/JU
Sample : AR1660 50PPM
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AR1660 50PPM

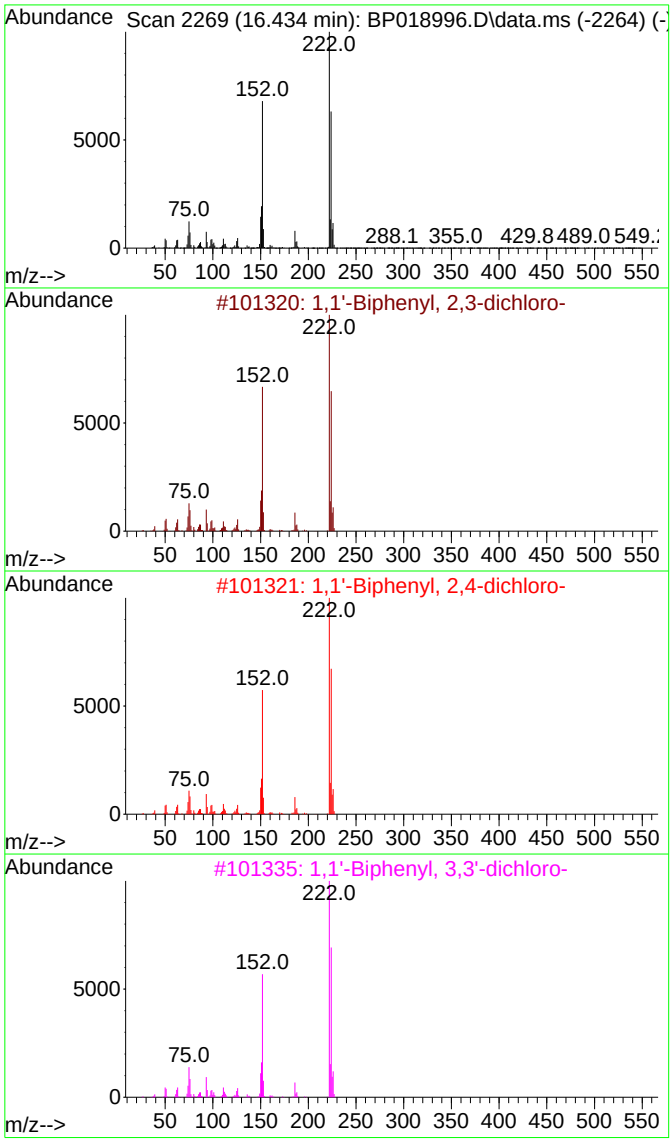
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

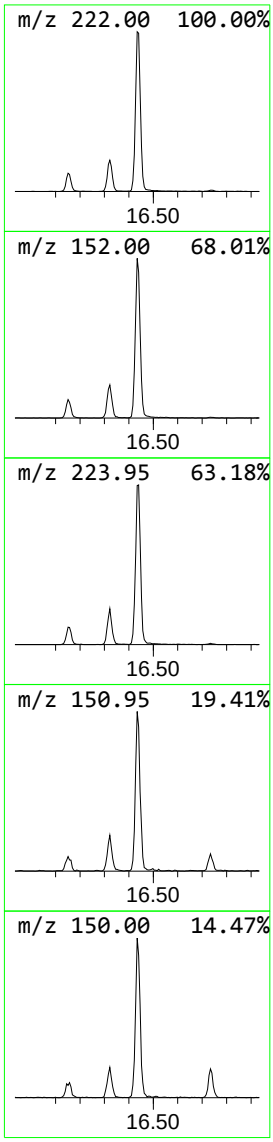
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 1,1'-Biphenyl, 2,3-dichloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.434	3.64 ng/ul	482017	Phenanthrene-d10	17.204

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	99
4	1,1'-Biphenyl, 2,5-dichloro-	222	C12H8Cl2	034883-39-1	98
5	1,1'-Biphenyl, 2,4'-dichloro-	222	C12H8Cl2	034883-43-7	98





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122023\
Data File : BP018996.D
Acq On : 21 Dec 2023 11:49
Operator : MA/JU
Sample : AR1660 50PPM
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AR1660 50PPM

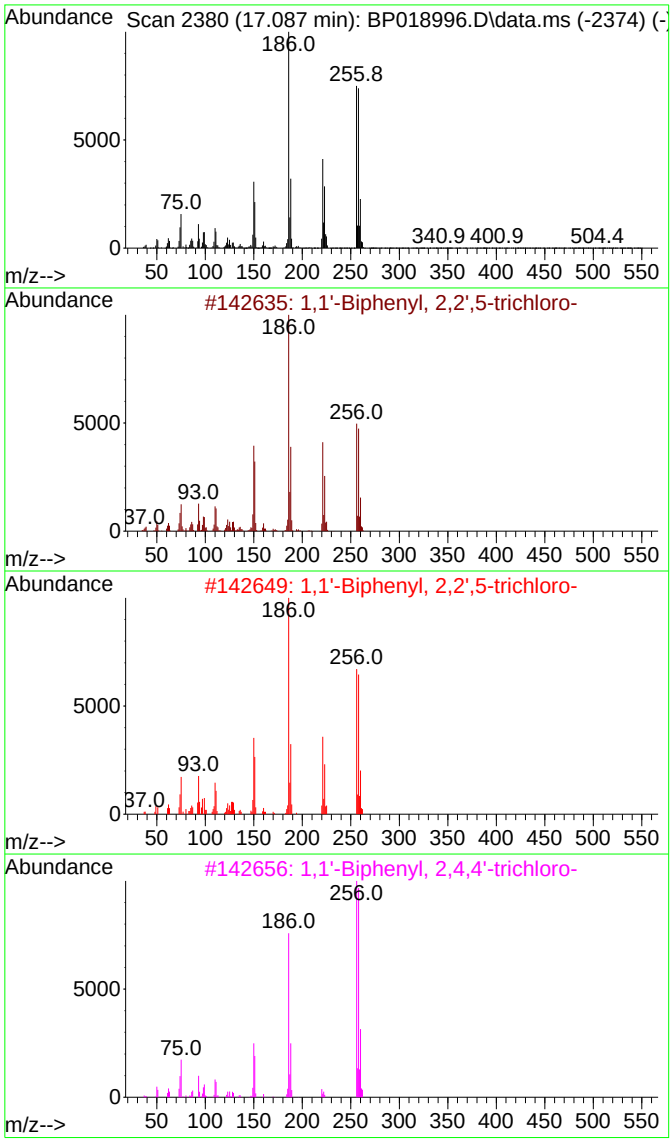
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

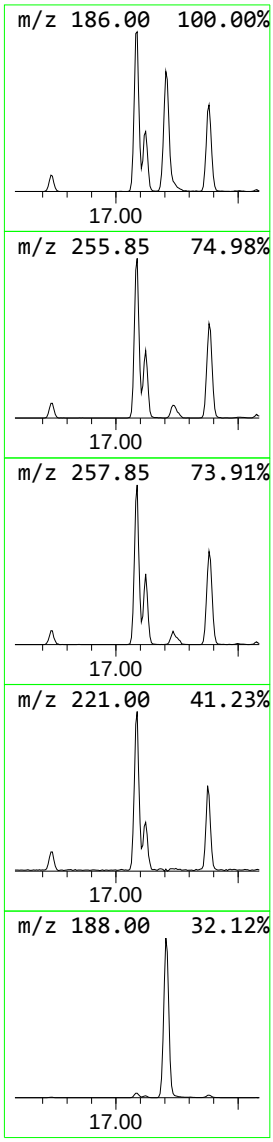
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.087	4.77 ng/ul	631349	Phenanthrene-d10	17.204

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122023\
Data File : BP018996.D
Acq On : 21 Dec 2023 11:49
Operator : MA/JU
Sample : AR1660 50PPM
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AR1660 50PPM

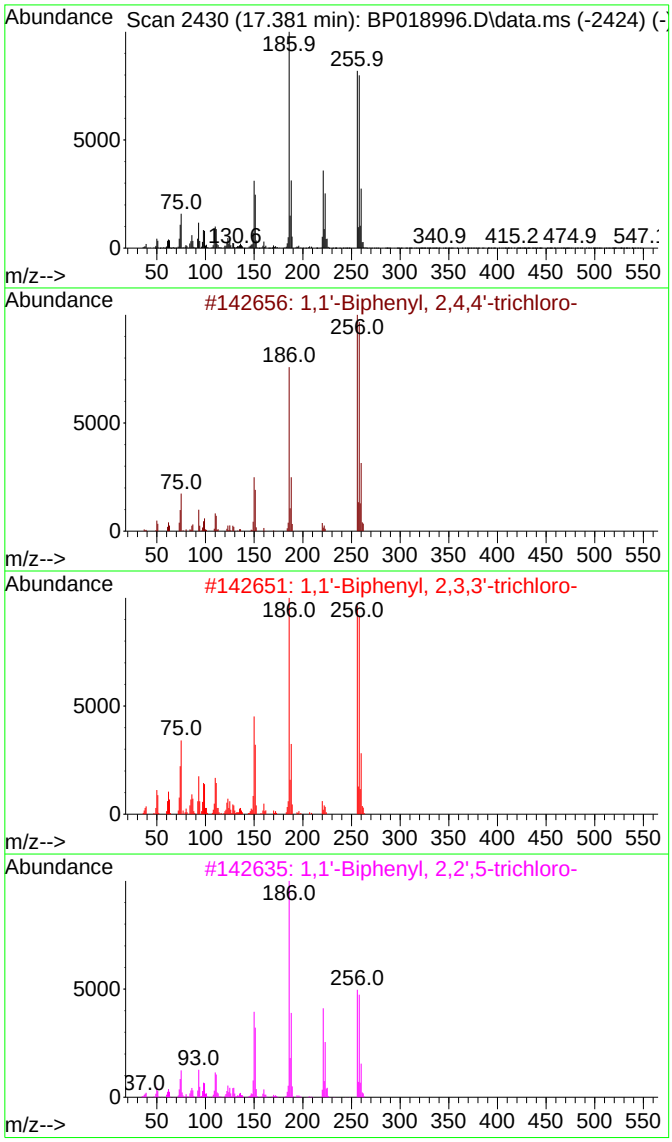
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

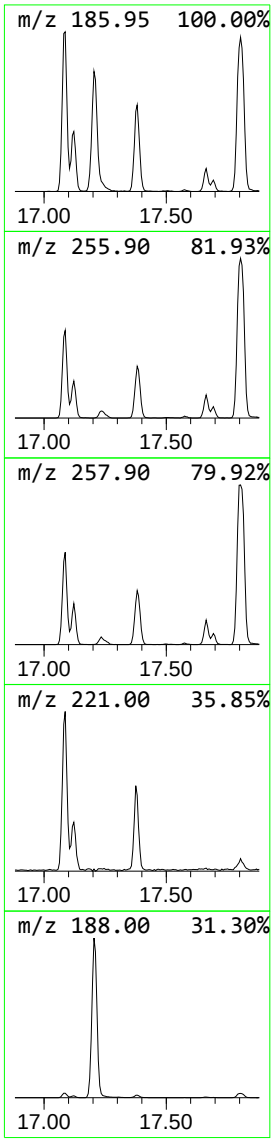
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1,1'-Biphenyl, 2,4,4'-trich... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.381	2.81 ng/ul	371866	Phenanthrene-d10	17.204

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, 2,2',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',4-Trichloro-1,1'-biphenyl	256	C12H7Cl3	037680-66-3	98





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122023\
Data File : BP018996.D
Acq On : 21 Dec 2023 11:49
Operator : MA/JU
Sample : AR1660 50PPM
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AR1660 50PPM

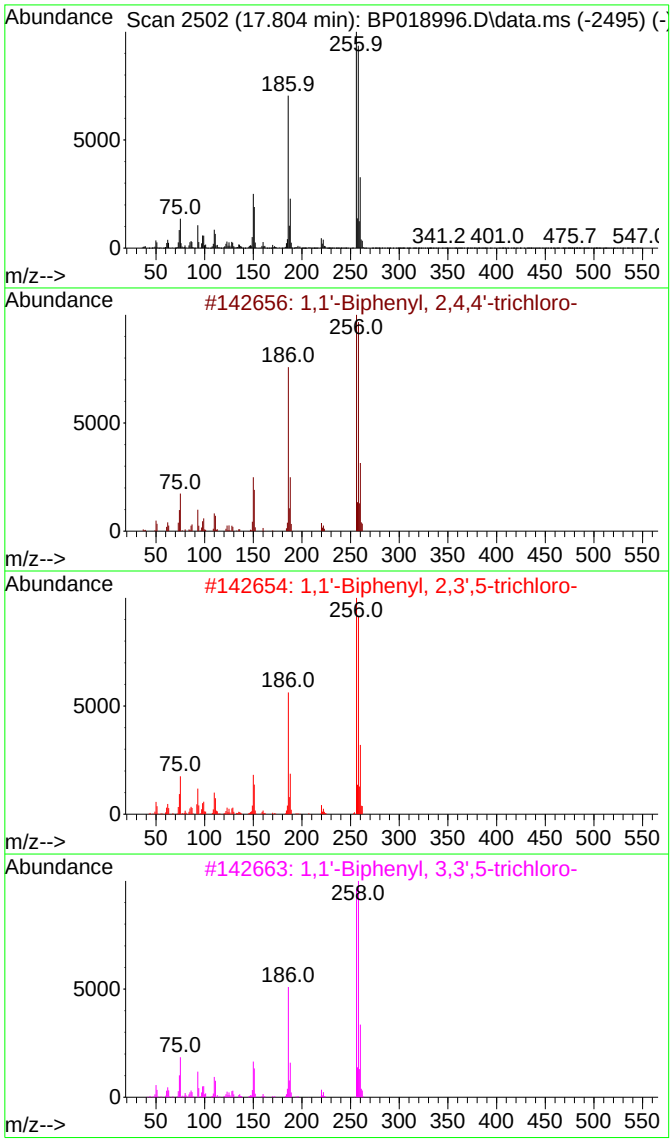
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

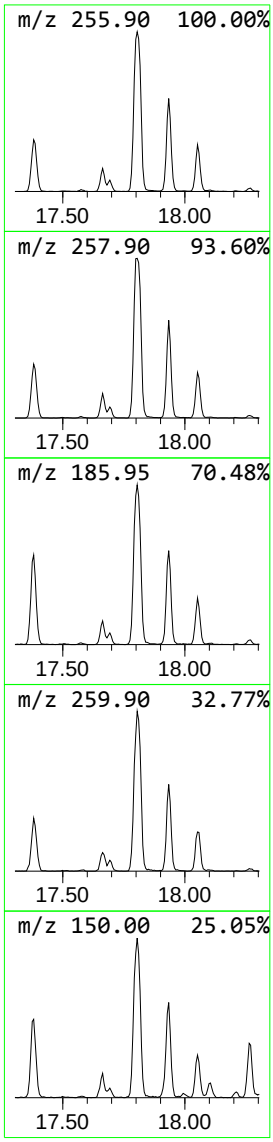
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1,1'-Biphenyl, 2,3',5-trich... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.804	7.58 ng/ul	1003950	Phenanthrene-d10	17.204

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99
2	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	99
3	1,1'-Biphenyl, 3,3',5-trichloro-	256	C12H7Cl3	038444-87-0	99
4	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	99
5	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122023\
Data File : BP018996.D
Acq On : 21 Dec 2023 11:49
Operator : MA/JU
Sample : AR1660 50PPM
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AR1660 50PPM

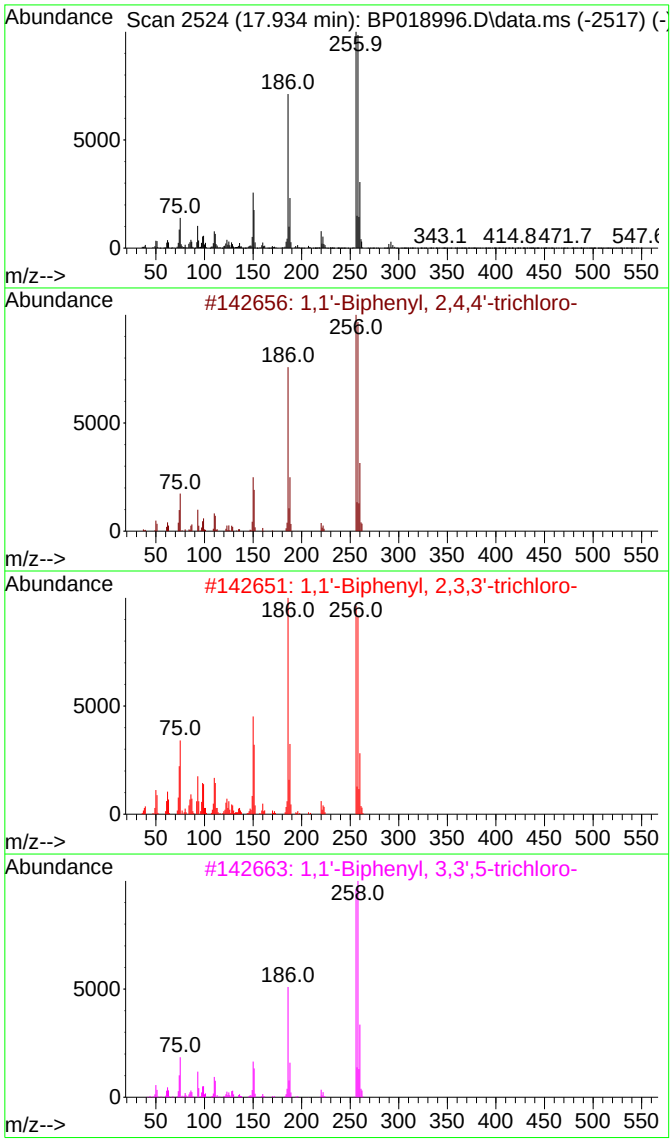
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

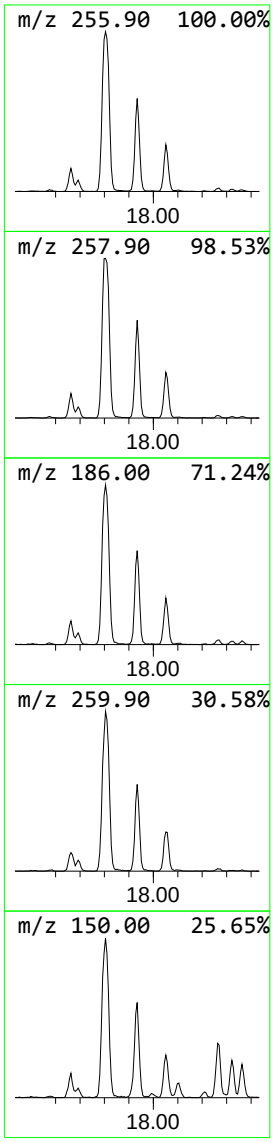
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1,1'-Biphenyl, 2,3,3'-trich... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.934	3.46 ng/ul	458657	Phenanthrene-d10	17.204

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99
2	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	99
3	1,1'-Biphenyl, 3,3',5-trichloro-	256	C12H7Cl3	038444-87-0	99
4	1,1'-Biphenyl, 2,4,5-trichloro-	256	C12H7Cl3	015862-07-4	99
5	1,1'-Biphenyl, 3,4',5-trichloro-	256	C12H7Cl3	038444-88-1	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122023\
Data File : BP018996.D
Acq On : 21 Dec 2023 11:49
Operator : MA/JU
Sample : AR1660 50PPM
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AR1660 50PPM

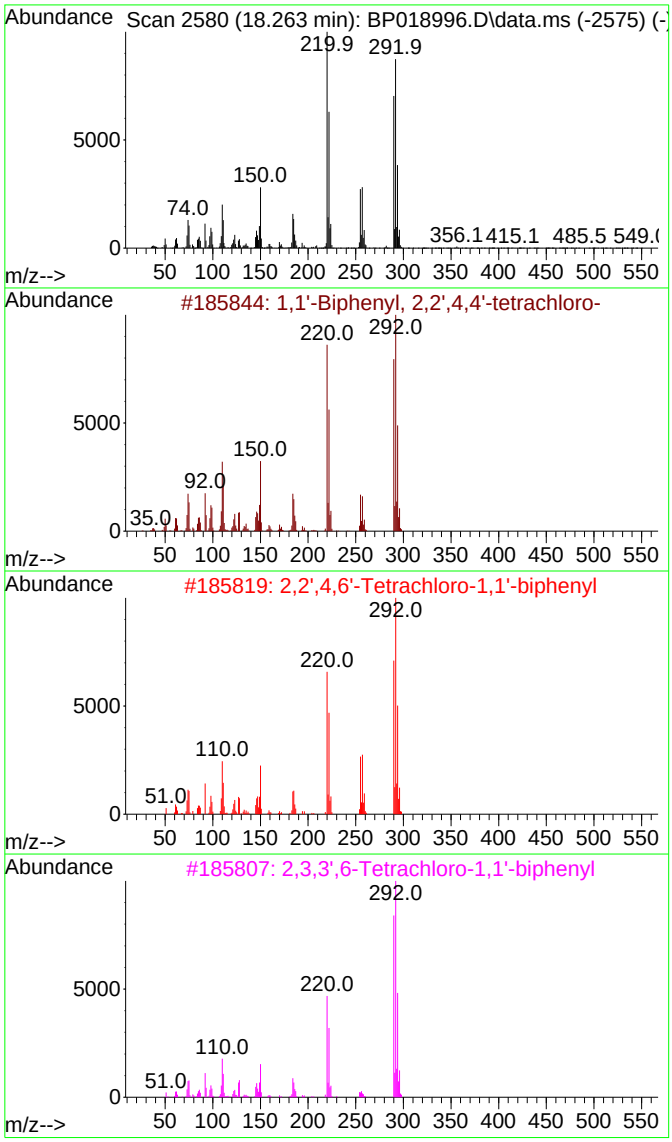
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

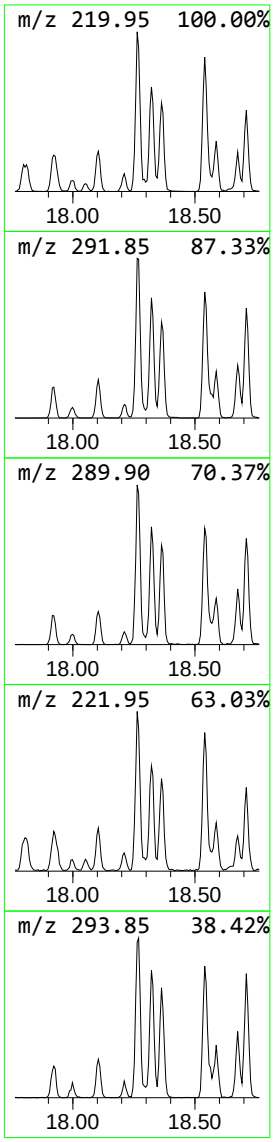
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 1,1'-Biphenyl, 2,2',4,4'-te... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.263	2.29 ng/ul	303405	Phenanthrene-d10	17.204

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',4,6'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	068194-04-7	99
3	2,3,3',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-33-6	99
4	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99
5	1,1'-Biphenyl, 2,2',3,4'-tetrach...	290	C12H6Cl4	036559-22-5	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122023\
Data File : BP018996.D
Acq On : 21 Dec 2023 11:49
Operator : MA/JU
Sample : AR1660 50PPM
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AR1660 50PPM

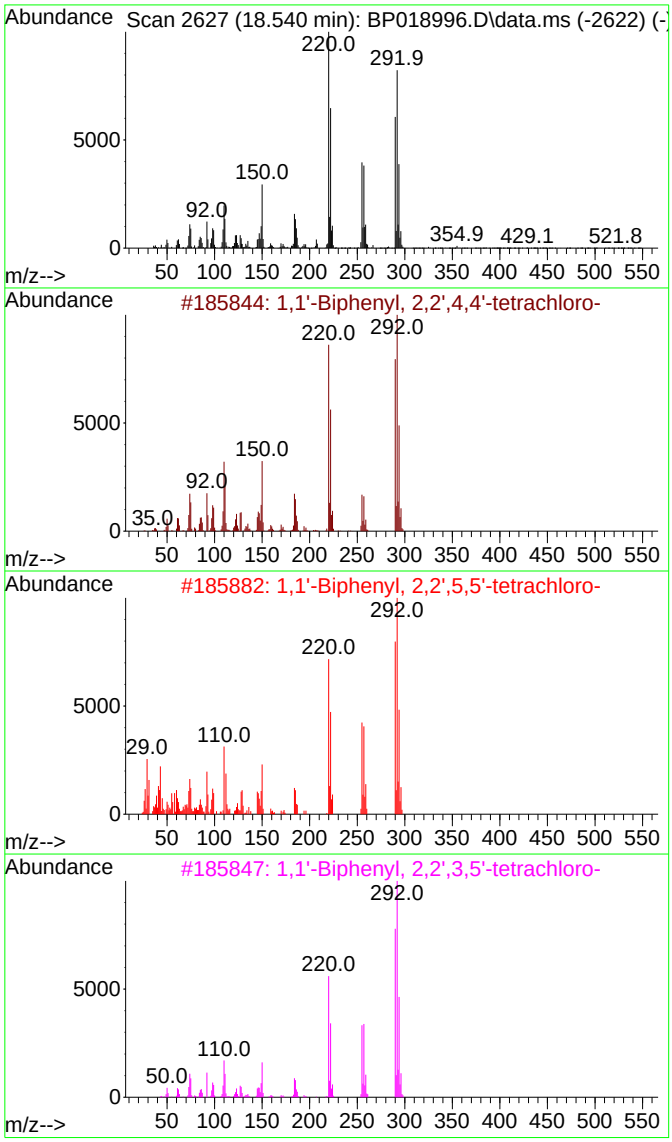
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

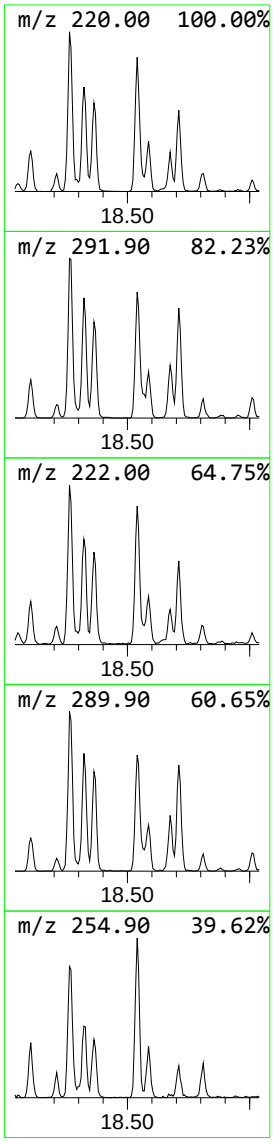
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.540	2.11 ng/ul	279048	Phenanthrene-d10	17.204

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122023\
Data File : BP018996.D
Acq On : 21 Dec 2023 11:49
Operator : MA/JU
Sample : AR1660 50PPM
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AR1660 50PPM

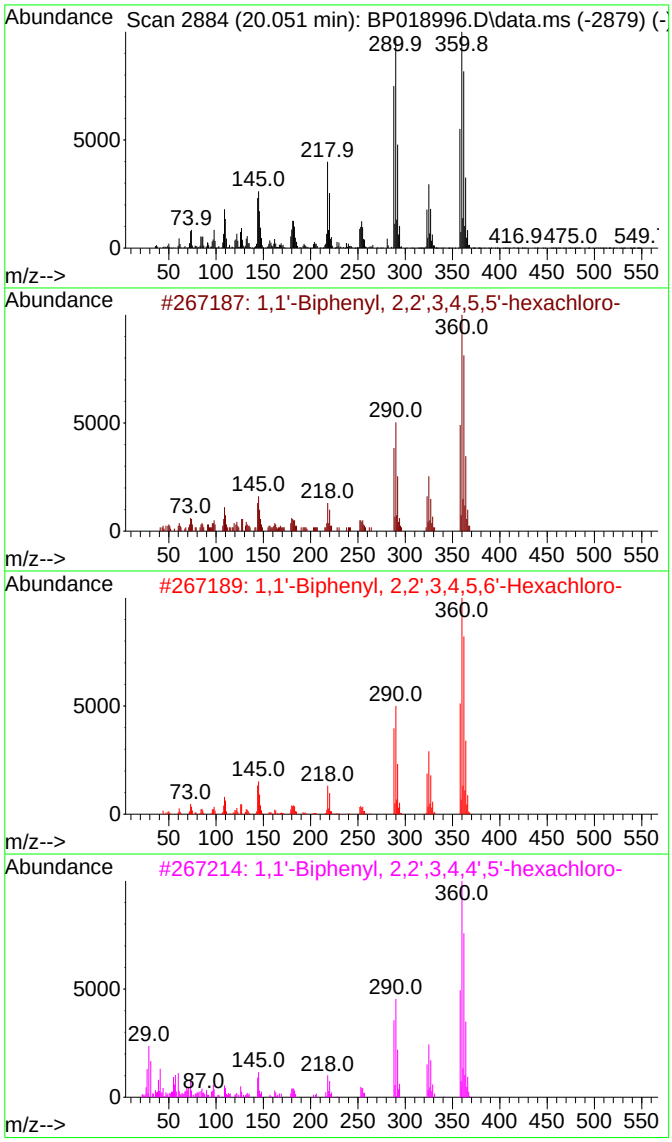
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

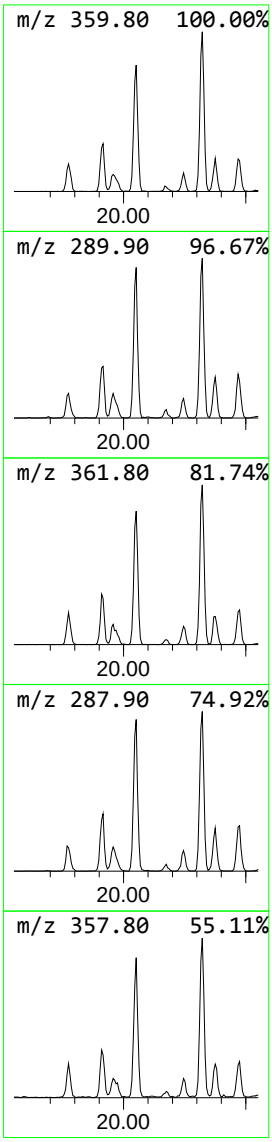
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 1,1'-Biphenyl, 2,2',3,4,5,5... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.051	2.98 ng/ul	393140	Chrysene-d12	21.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	99
2	1,1'-Biphenyl, 2,2',3,4,5,6'-Hex...	358	C12H4Cl6	068194-15-0	99
3	1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	99
4	1,1'-Biphenyl, 2,2',3,3',4,5-hex...	358	C12H4Cl6	055215-18-4	99
5	1,1'-Biphenyl, 2,2',3,5,5',6-hex...	358	C12H4Cl6	052663-63-5	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122023\
Data File : BP018996.D
Acq On : 21 Dec 2023 11:49
Operator : MA/JU
Sample : AR1660 50PPM
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AR1660 50PPM

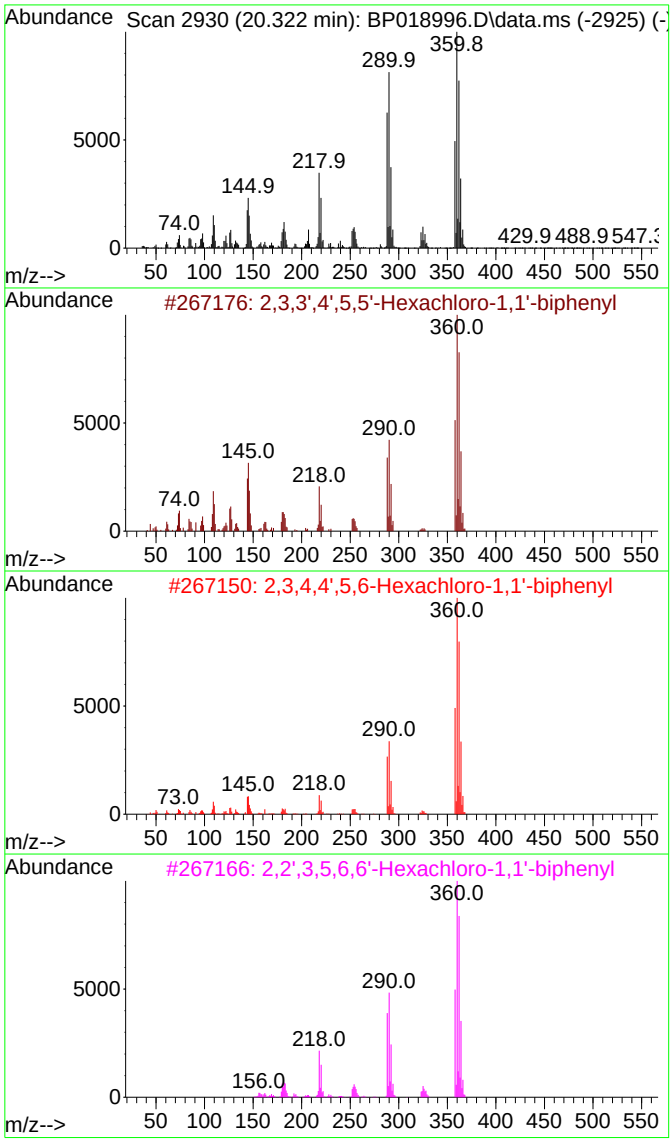
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

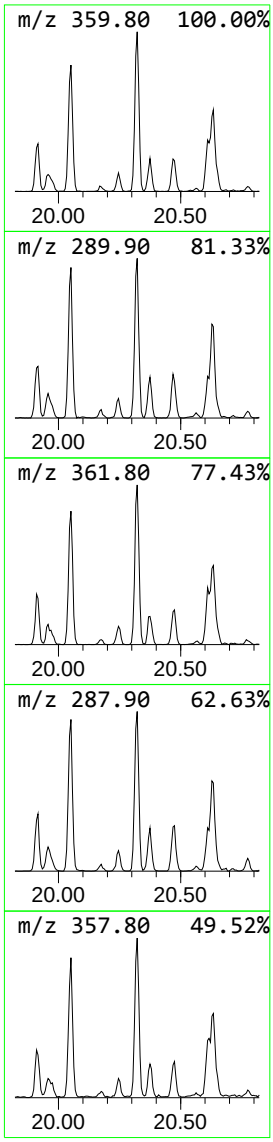
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 2,3,3',4',5,5'-Hexachloro-1... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.322	3.21 ng/ul	423770	Chrysene-d12	21.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',4',5,5'-Hexachloro-1,1'-b...	358	C12H4Cl6	039635-34-2	99
2	2,3,4,4',5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-63-6	99
3	2,2',3,5,6,6'-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-09-2	99
4	2,3,3',4,5,5'-Hexachloro-1,1'-bi...	358	C12H4Cl6	039635-35-3	99
5	1,1'-Biphenyl, 2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122023\
Data File : BP018996.D
Acq On : 21 Dec 2023 11:49
Operator : MA/JU
Sample : AR1660 50PPM
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AR1660 50PPM

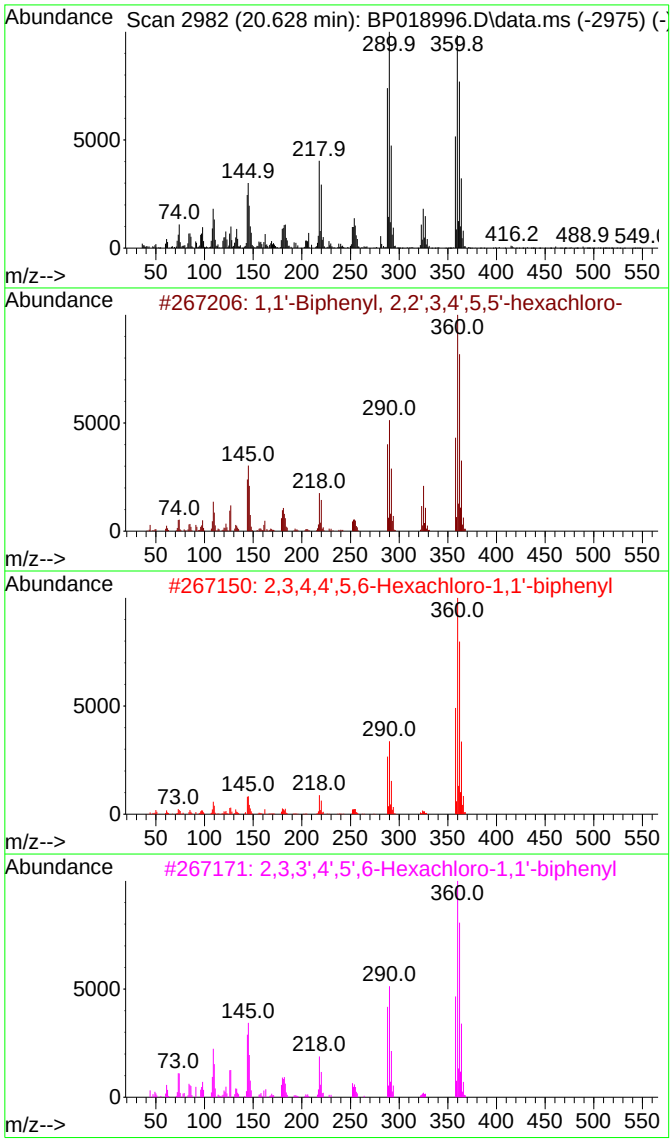
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

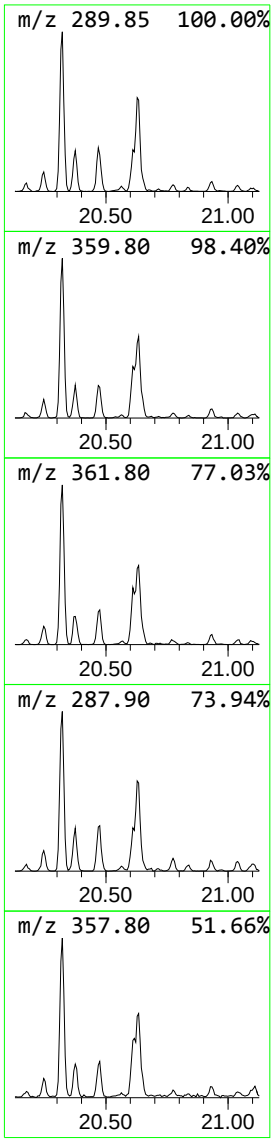
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 1,1'-Biphenyl, 2,2',3,4',5,... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.628	2.93 ng/ul	386653	Chrysene-d12	21.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4',5,5'-he...	358	C12H4Cl6	051908-16-8	99
2	2,3,4,4',5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-63-6	99
3	2,3,3',4',5',6-Hexachloro-1,1'-b...	358	C12H4Cl6	074472-45-0	99
4	2,3',4,4',5',6-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-65-5	99
5	2,3,3',4',5,5'-Hexachloro-1,1'-b...	358	C12H4Cl6	039635-34-2	99





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122023\
Data File : BP018996.D
Acq On : 21 Dec 2023 11:49
Operator : MA/JU
Sample : AR1660 50PPM
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AR1660 50PPM

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.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...	3.176	11.9	ng/ul	784501	1	7.822	1321540	20.0
1,1'-Biphenyl, ...	15.710	2.0	ng/ul	220274	3	14.457	2151890	20.0
1,1'-Biphenyl, ...	16.434	3.6	ng/ul	482017	4	17.204	2649570	20.0
1,1'-Biphenyl, ...	17.087	4.8	ng/ul	631349	4	17.204	2649570	20.0
1,1'-Biphenyl, ...	17.381	2.8	ng/ul	371866	4	17.204	2649570	20.0
1,1'-Biphenyl, ...	17.804	7.6	ng/ul	1003950	4	17.204	2649570	20.0
1,1'-Biphenyl, ...	17.934	3.5	ng/ul	458657	4	17.204	2649570	20.0
1,1'-Biphenyl, ...	18.263	2.3	ng/ul	303405	4	17.204	2649570	20.0
1,1'-Biphenyl, ...	18.540	2.1	ng/ul	279048	4	17.204	2649570	20.0
1,1'-Biphenyl, ...	20.051	3.0	ng/ul	393140	5	21.298	2637290	20.0
2,3,3',4',5,5'-...	20.322	3.2	ng/ul	423770	5	21.298	2637290	20.0
1,1'-Biphenyl, ...	20.628	2.9	ng/ul	386653	5	21.298	2637290	20.0