LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062923\
Data File : BP015830.D
Acq On : 30 Jun 2023 02:32
Operator : MA/JU
Sample : AR1660-50PPM
Misc : GCMS CONFIRMATION
ALS Vial : 34 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-BP062623.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP015830.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.222	3	6	8	rVV	25127	22397	0.64%	0.084%
2	3.246	8	10	13	rVB	54631	47031	1.33%	0.176%
3	3.287	13	17	21	rBV	884182	885048	25.10%	3.309%
4	3.640	74	77	83	rVB3	29015	37143	1.05%	0.139%
5	4.146	159	163	169	rVB	16950	27829	0.79%	0.104%
6	4.299	184	189	195	rBV	24636	34939	0.99%	0.131%
7	4.352	195	198	205	rVB	26039	41586	1.18%	0.155%
8	4.458	211	216	219	rBV	44406	60334	1.71%	0.226%
9	4.499	219	223	229	rVB	39278	56992	1.62%	0.213%
10	5.393	374	375	378	rBV3	4919	3587	0.10%	0.013%
11	6.558	570	573	576	rBV5	3255	5704	0.16%	0.021%
12	7.569	742	745	748	rBV5	2300	4187	0.12%	0.016%
13	8.058	821	828	856	rVV	676236	1684533	47.78%	6.297%
14	8.422	887	890	894	rBV6	2862	3725	0.11%	0.014%
15	8.563	912	914	918	rBV5	3030	5316	0.15%	0.020%
16	9.528	1072	1078	1079	rBV6	2187	4076	0.12%	0.015%
17	9.975	1149	1154	1157	rBV7	2419	4475	0.13%	0.017%
18	10.434	1230	1232	1235	rVB4	2771	3542	0.10%	0.013%
19	10.887	1299	1309	1339	rBV	827222	2378702	67.47%	8.892%
20	12.963	1659	1662	1666	rBV6	3633	4392	0.12%	0.016%
21	14.063	1844	1849	1852	rBV7	2897	5226	0.15%	0.020%
22	14.445	1909	1914	1917	rVB6	2331	4247	0.12%	0.016%
23	14.545	1928	1931	1934	rVB5	3133	3608	0.10%	0.013%
24	14.704	1951	1958	1977	rVV	1569087	3037724	86.16%	11.356%
25	14.845	1979	1982	1993	rVB2	24655	55271	1.57%	0.207%
26	15.581	2103	2107	2112	rBV8	3274	7351	0.21%	0.027%
27	15.622	2112	2114	2117	rVB4	3257	3626	0.10%	0.014%
28	15.963	2165	2172	2178	rBV	168065	282496	8.01%	1.056%
29	16.404	2242	2247	2255	rBV4	41710	70292	1.99%	0.263%
30	16.569	2270	2275	2283	rBV	77253	125552	3.56%	0.469%
31	16.686	2289	2295	2308	rBV	381063	598451	16.97%	2.237%
32	16.881	2326	2328	2330	rVB3	5502	4151	0.12%	0.016%
33	16.981	2339	2345	2351	rBV2	52743	81747	2.32%	0.306%
34	17.251	2389	2391	2394	rBV4	4261	4993	0.14%	0.019%
35	17.328	2398	2404	2408	rBV	510771	724117	20.54%	2.707%
36	17.369	2408	2411	2418	rVV	198730	271139	7.69%	1.014%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062923\
Data File : BP015830.D
Acq On : 30 Jun 2023 02:32
Operator : MA/JU
Sample : AR1660-50PPM
Misc : GCMS CONFIRMATION
ALS Vial : 34 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-BP062623.MA.M
Title : SVOA CALIBRATION

37	17.469	2421	2428	2450	rBV	1860066	3525704	100.00%	13.180%
38	17.628	2450	2455	2464	rVB2	283267	438562	12.44%	1.639%
39	17.910	2498	2503	2506	rBV	72080	110114	3.12%	0.412%
40	18.051	2520	2527	2541	rBV2	484468	1149103	32.59%	4.296%
41	18.181	2541	2549	2554	rVV	291429	505669	14.34%	1.890%
42	18.233	2556	2558	2562	rVV5	21941	23577	0.67%	0.088%
43	18.298	2564	2569	2574	rBV	157561	243022	6.89%	0.908%
44	18.339	2574	2576	2583	rVB4	63844	87494	2.48%	0.327%
45	18.451	2591	2595	2599	rBV5	22473	31657	0.90%	0.118%
46	18.504	2599	2604	2609	rVV	223269	315221	8.94%	1.178%
47	18.557	2609	2613	2617	rVV	152607	216134	6.13%	0.808%
48	18.598	2617	2620	2632	rVB	128314	186446	5.29%	0.697%
49	18.775	2646	2650	2655	rBV	197779	286665	8.13%	1.072%
50	18.822	2655	2658	2664	rVB2	71511	96060	2.72%	0.359%
51	18.910	2667	2673	2676	rVV5	100683	176462	5.01%	0.660%
52	18.945	2676	2679	2687	rVB	135842	199200	5.65%	0.745%
53	19.045	2693	2696	2702	rVB6	41307	54803	1.55%	0.205%
54	19.251	2728	2731	2735	rBV2	32382	39748	1.13%	0.149%
55	19.316	2736	2742	2751	rVB3	162465	314523	8.92%	1.176%
56	19.586	2785	2788	2796	rVB	135388	175357	4.97%	0.656%
57	19.998	2856	2858	2861	rBV2	49958	50490	1.43%	0.189%
58	20.133	2878	2881	2885	rBV3	149044	192549	5.46%	0.720%
59	20.275	2901	2905	2910	rBV	382810	478600	13.57%	1.789%
60	20.539	2947	2950	2956	rBV	404400	486000	13.78%	1.817%
61	20.598	2957	2960	2963	rVV4	95033	110694	3.14%	0.414%
62	20.698	2973	2977	2983	rBV5	213249	311062	8.82%	1.163%
63	20.998	3024	3028	3033	rBV	243596	292831	8.31%	1.095%
64	21.263	3070	3073	3076	rVB3	195583	207269	5.88%	0.775%
65	21.557	3118	3123	3135	rBV	1968515	3128434	88.73%	11.695%
66	24.098	3549	3555	3567	rVB	1132404	2720997	77.18%	10.172%

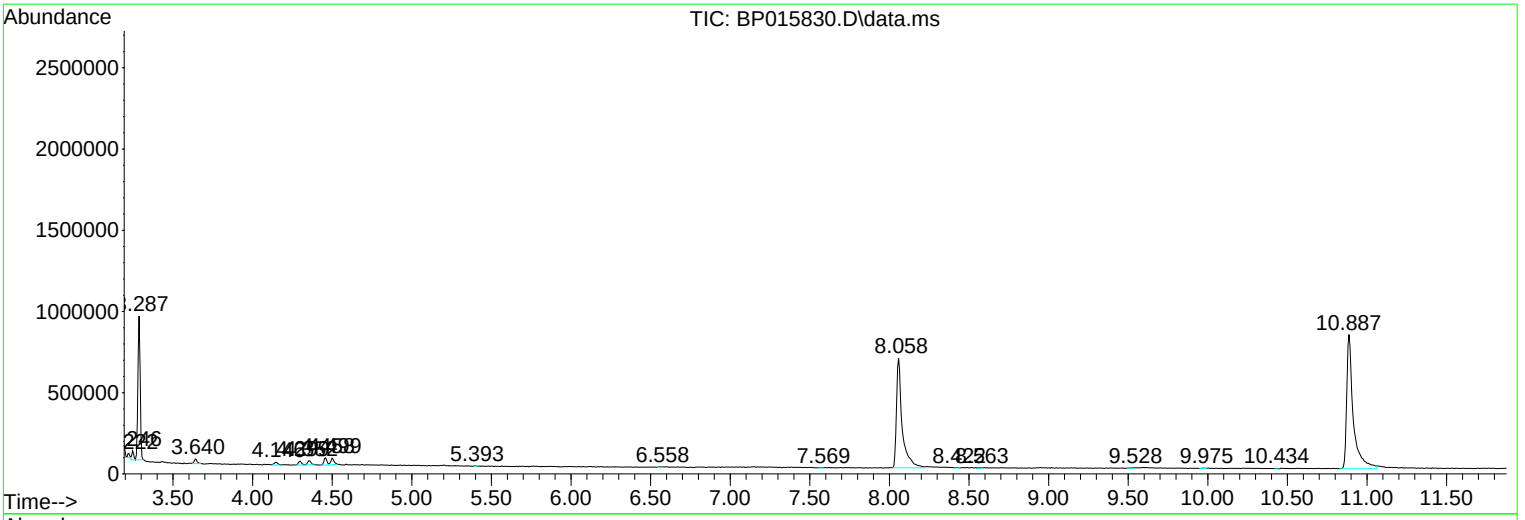
Sum of corrected areas: 26749976

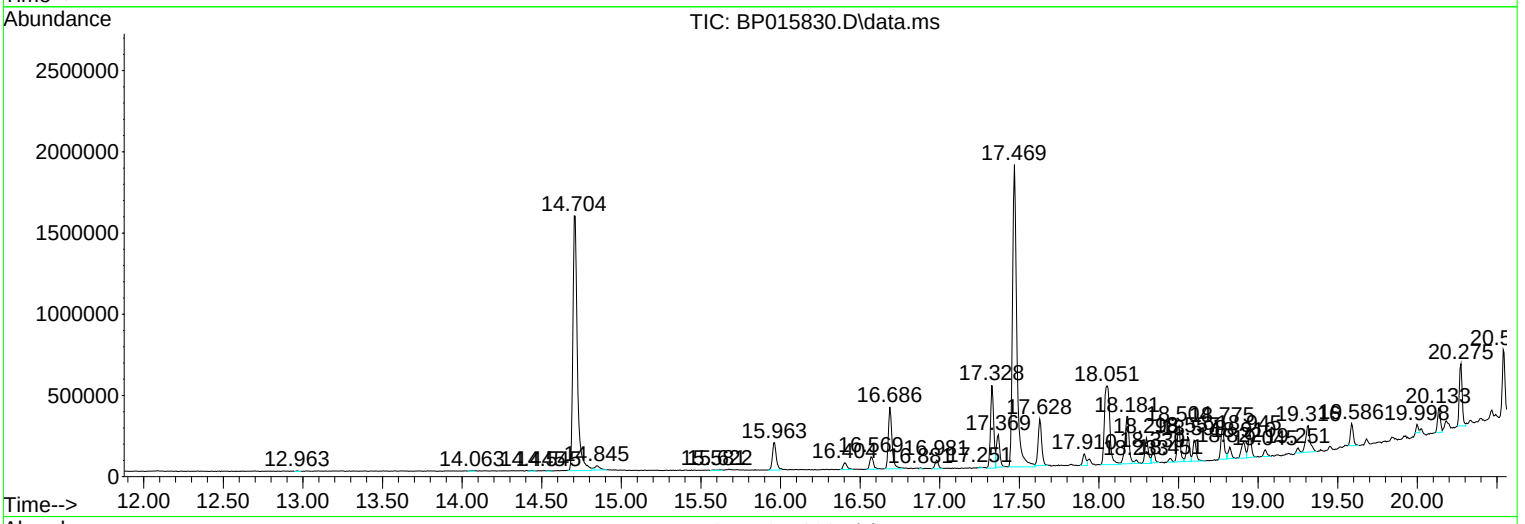
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062923\
Data File : BP015830.D
Acq On : 30 Jun 2023 02:32
Operator : MA/JU
Sample : AR1660-50PPM
Misc : GCMS CONFIRMATION
ALS Vial : 34 Sample Multiplier: 1

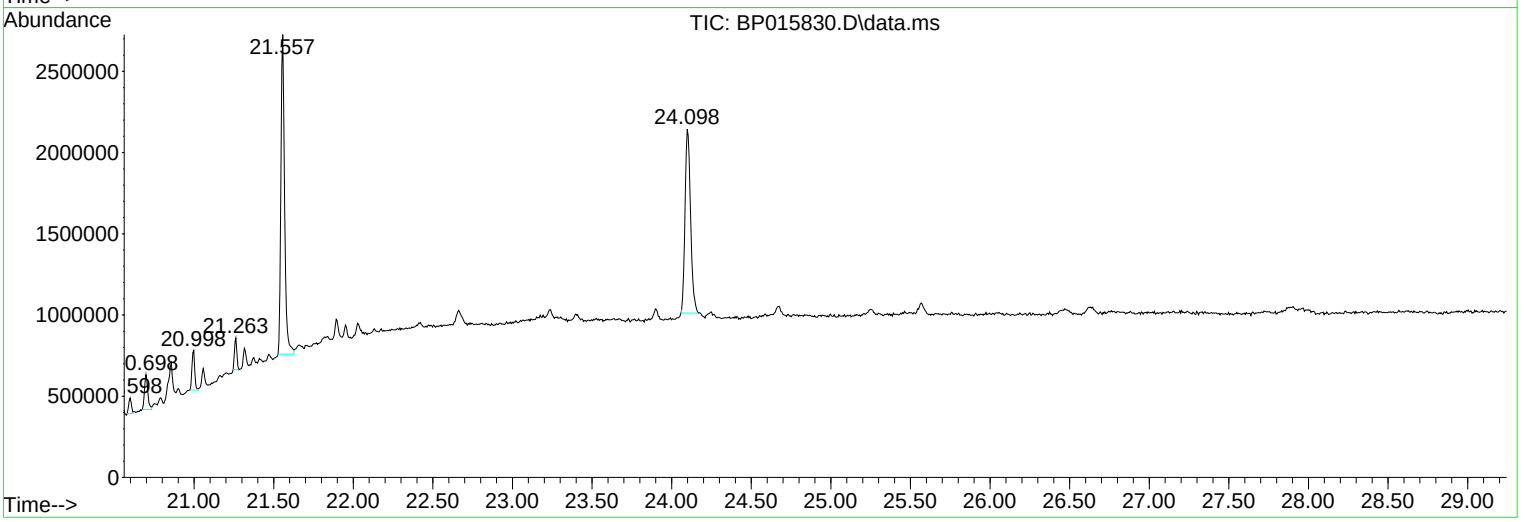
Instrument :
BNA_P
ClientSampleId :
AR1660-50PPM

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.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\BP062923\
Data File : BP015830.D
Acq On : 30 Jun 2023 02:32
Operator : MA/JU
Sample : AR1660-50PPM
Misc : GCMS CONFIRMATION
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AR1660-50PPM

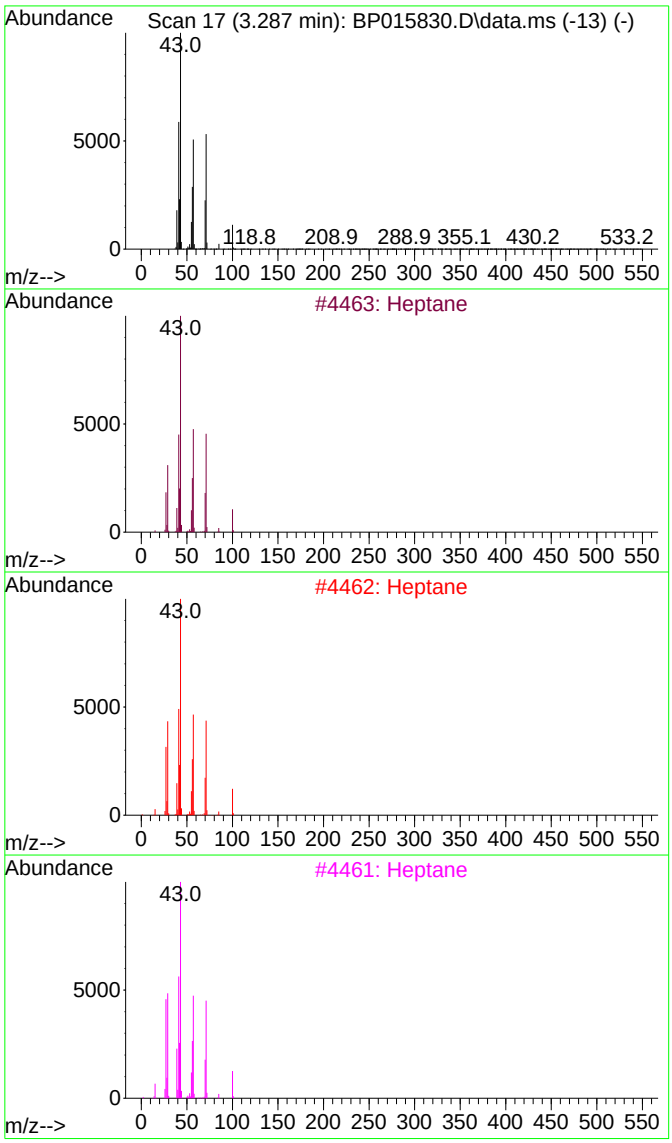
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

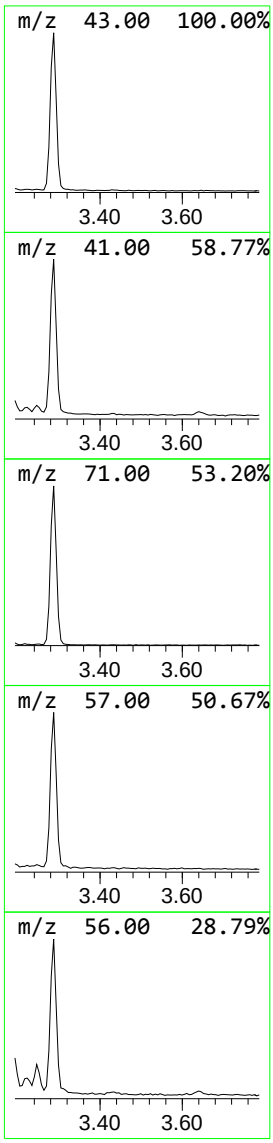
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.287	10.51 ng/ul	885048	1,4-Dichlorobenzene-d4	8.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	95
2	Heptane	100	C7H16	000142-82-5	94
3	Heptane	100	C7H16	000142-82-5	91
4	Heptane	100	C7H16	000142-82-5	83
5	Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062923\
Data File : BP015830.D
Acq On : 30 Jun 2023 02:32
Operator : MA/JU
Sample : AR1660-50PPM
Misc : GCMS CONFIRMATION
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AR1660-50PPM

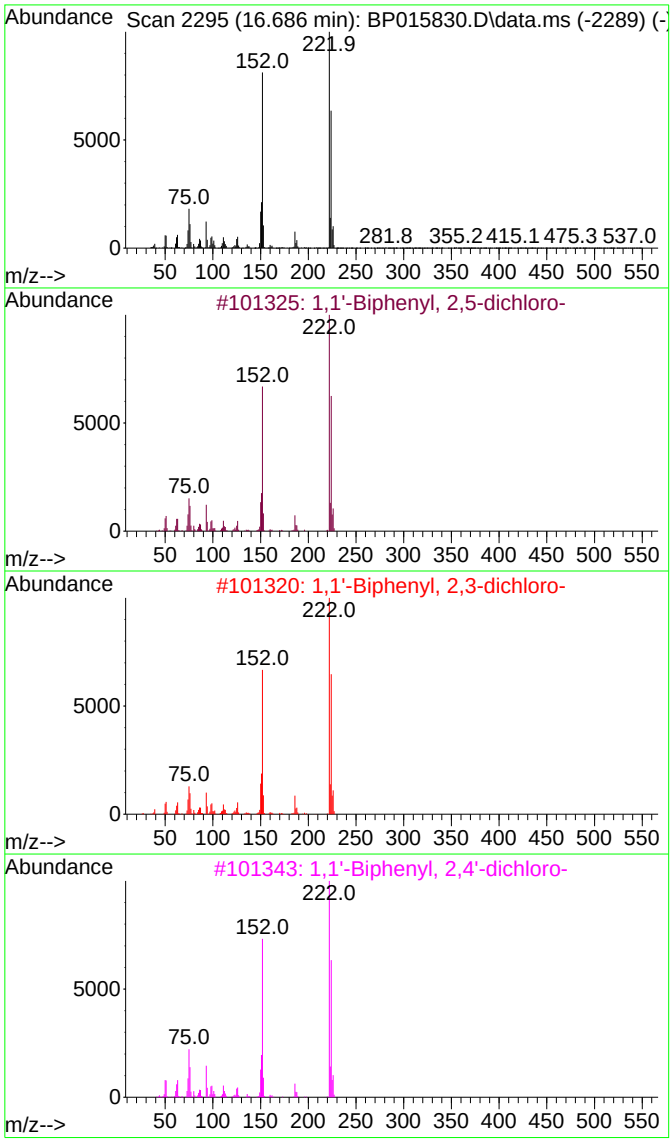
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

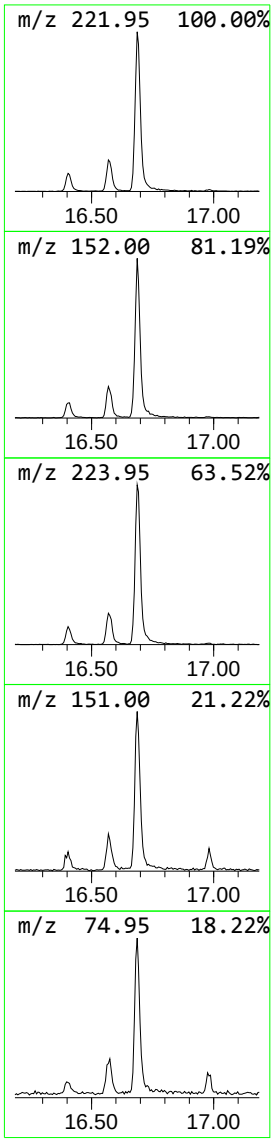
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.686	3.39 ng/ul	598451	Phenanthrene-d10	17.469

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,5-dichloro-	222	C12H8Cl2	034883-39-1	99
2	1,1'-Biphenyl, 2,3-dichloro-	222	C12H8Cl2	016605-91-7	99
3	1,1'-Biphenyl, 2,4'-dichloro-	222	C12H8Cl2	034883-43-7	99
4	1,1'-Biphenyl, 3,4-dichloro-	222	C12H8Cl2	002974-92-7	99
5	1,1'-Biphenyl, 3,4'-dichloro-	222	C12H8Cl2	002974-90-5	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062923\
Data File : BP015830.D
Acq On : 30 Jun 2023 02:32
Operator : MA/JU
Sample : AR1660-50PPM
Misc : GCMS CONFIRMATION
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AR1660-50PPM

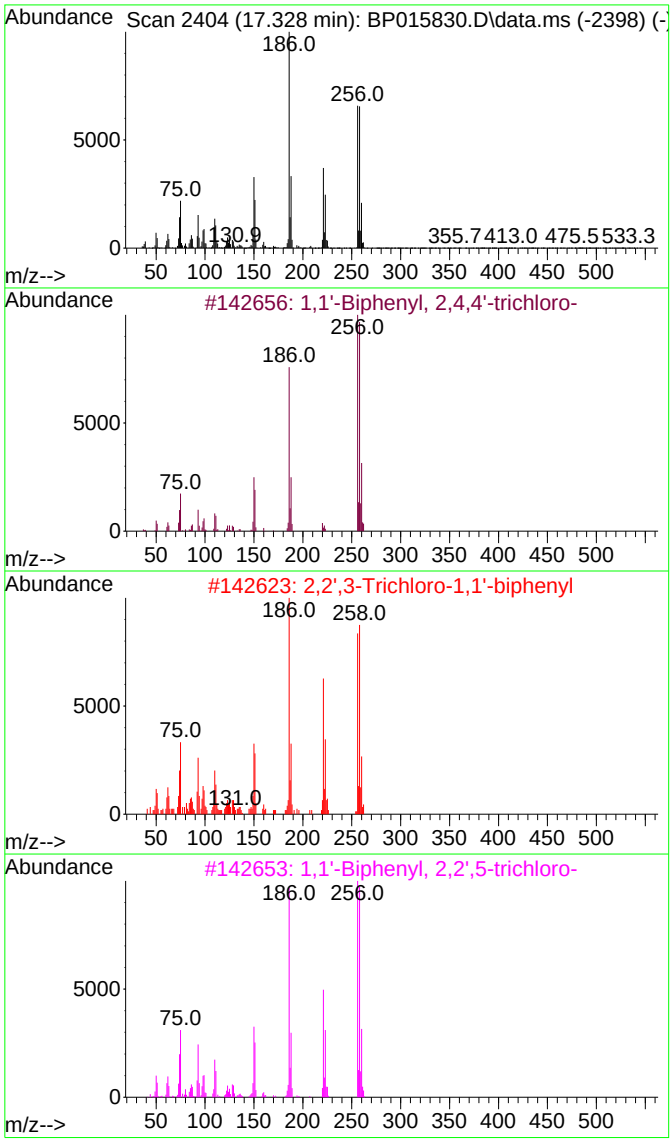
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

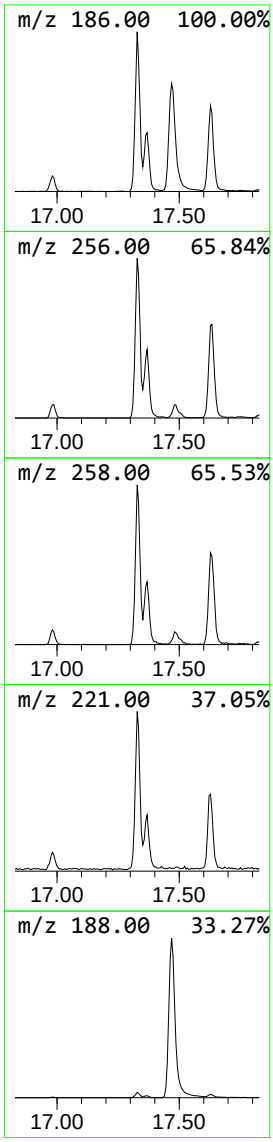
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.328	4.11 ng/ul	724117	Phenanthrene-d10	17.469

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99
2	2,2',3-Trichloro-1,1'-biphenyl	256	C12H7Cl3	038444-78-9	99
3	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	99
4	2,2',4-Trichloro-1,1'-biphenyl	256	C12H7Cl3	037680-66-3	99
5	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062923\
Data File : BP015830.D
Acq On : 30 Jun 2023 02:32
Operator : MA/JU
Sample : AR1660-50PPM
Misc : GCMS CONFIRMATION
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AR1660-50PPM

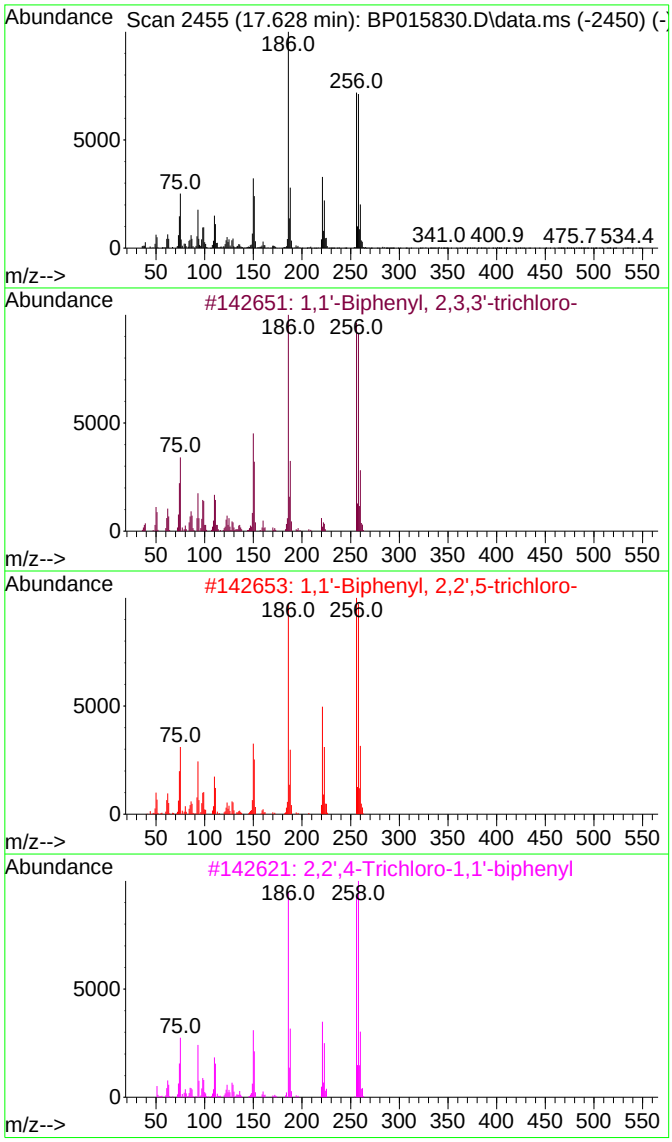
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

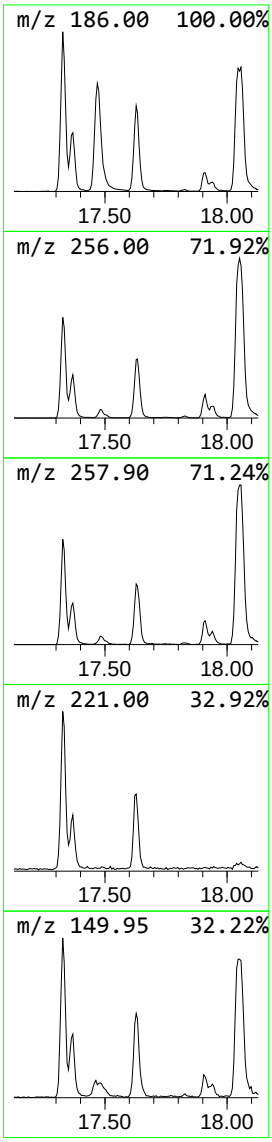
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.628	2.49 ng/ul	438562	Phenanthrene-d10	17.469

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, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	99
3	2,2',4-Trichloro-1,1'-biphenyl	256	C12H7Cl3	037680-66-3	99
4	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	99
5	1,1'-Biphenyl, 2,2',6-trichloro-	256	C12H7Cl3	038444-73-4	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062923\
Data File : BP015830.D
Acq On : 30 Jun 2023 02:32
Operator : MA/JU
Sample : AR1660-50PPM
Misc : GCMS CONFIRMATION
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AR1660-50PPM

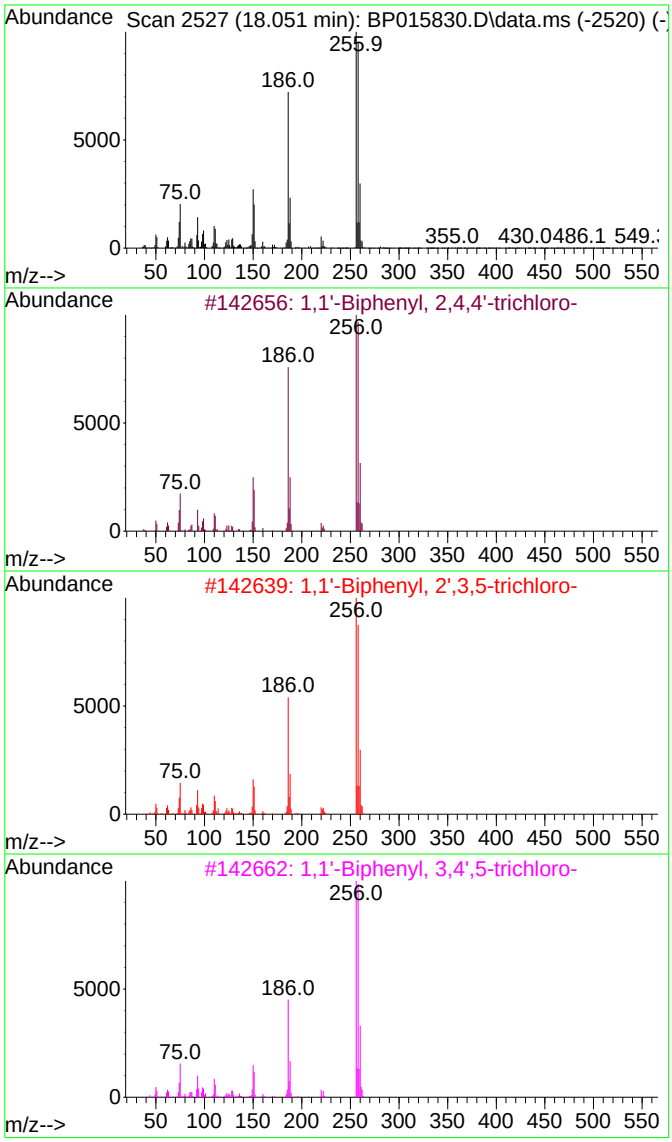
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

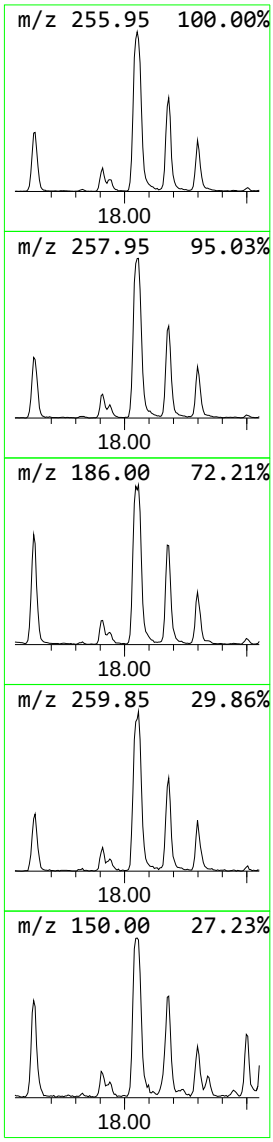
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.051	6.52 ng/ul	1149100	Phenanthrene-d10	17.469

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99
2	1,1'-Biphenyl, 2',3,5-trichloro-	256	C12H7Cl3	037680-68-5	99
3	1,1'-Biphenyl, 3,4',5-trichloro-	256	C12H7Cl3	038444-88-1	99
4	1,1'-Biphenyl, 2,3',4-trichloro-	256	C12H7Cl3	055712-37-3	99
5	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062923\
Data File : BP015830.D
Acq On : 30 Jun 2023 02:32
Operator : MA/JU
Sample : AR1660-50PPM
Misc : GCMS CONFIRMATION
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AR1660-50PPM

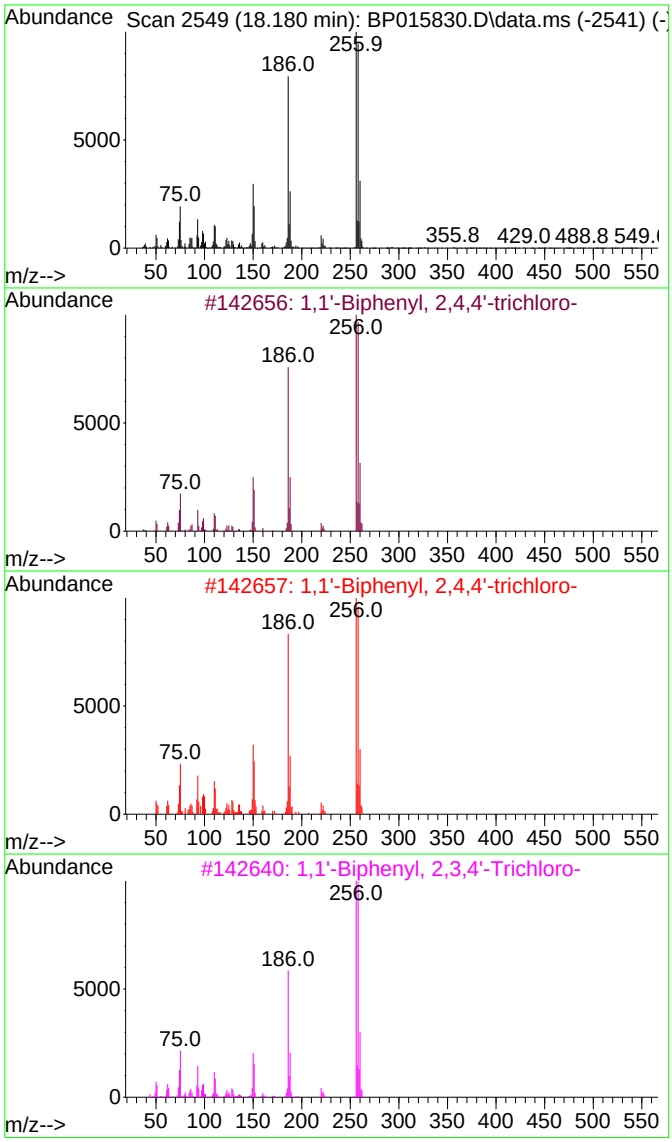
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

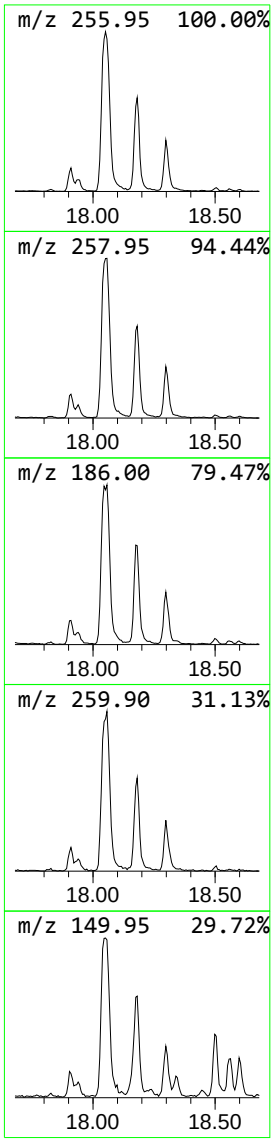
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1,1'-Biphenyl, 2,3,4'-Trich... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.180	2.87 ng/ul	505669	Phenanthrene-d10	17.469

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99
2	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99
3	1,1'-Biphenyl, 2,3,4'-Trichloro-	256	C12H7Cl3	038444-85-8	99
4	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	99
5	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062923\
Data File : BP015830.D
Acq On : 30 Jun 2023 02:32
Operator : MA/JU
Sample : AR1660-50PPM
Misc : GCMS CONFIRMATION
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AR1660-50PPM

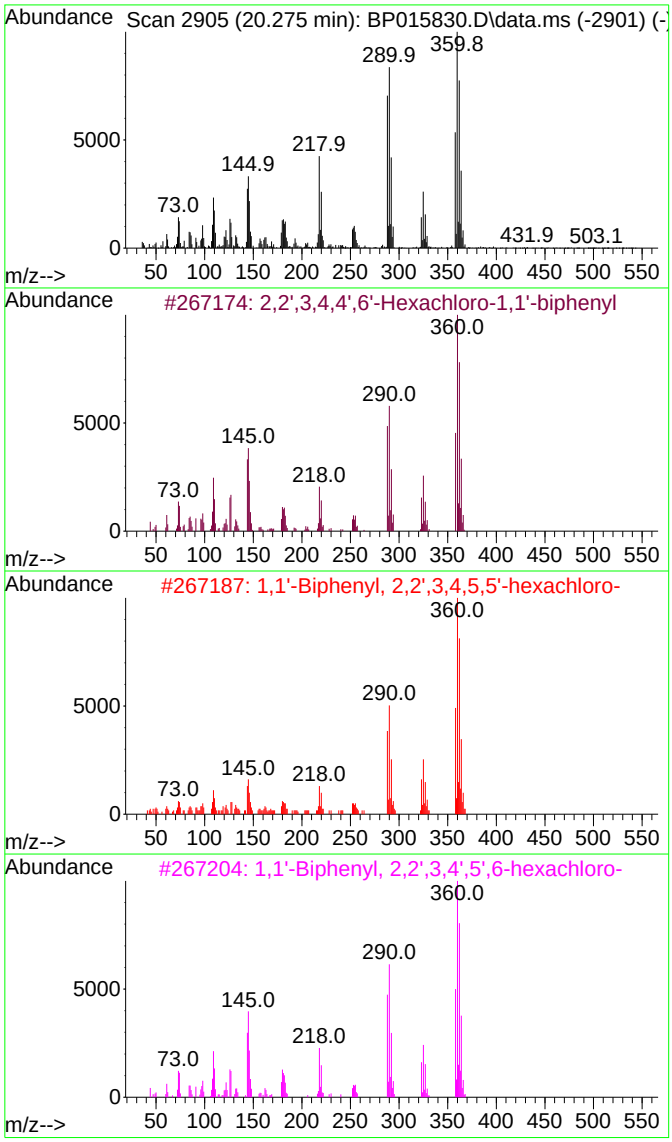
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

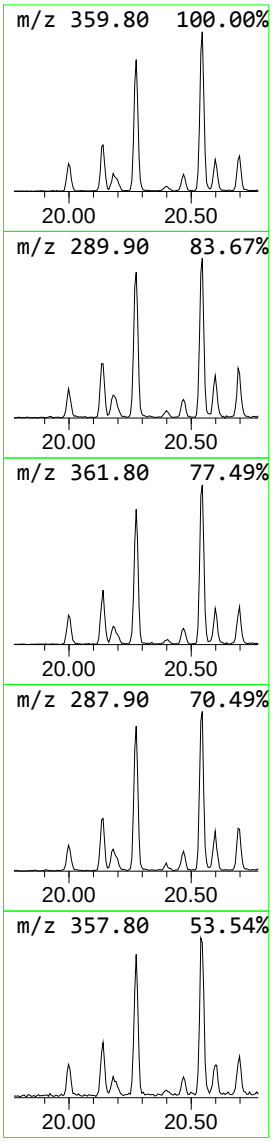
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 2,2',3,4,4',6'-Hexachloro-1... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.275	3.06 ng/ul	478600	Chrysene-d12	21.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,4,4',6'-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-64-4	99
2	1,1'-Biphenyl, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	99
3	1,1'-Biphenyl, 2,2',3,4',5',6-he...	358	C12H4Cl6	038380-04-0	99
4	1,1'-Biphenyl, 2,2',3,4',5,5'-he...	358	C12H4Cl6	051908-16-8	99
5	2,3',4,4',5',6-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-65-5	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062923\
Data File : BP015830.D
Acq On : 30 Jun 2023 02:32
Operator : MA/JU
Sample : AR1660-50PPM
Misc : GCMS CONFIRMATION
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AR1660-50PPM

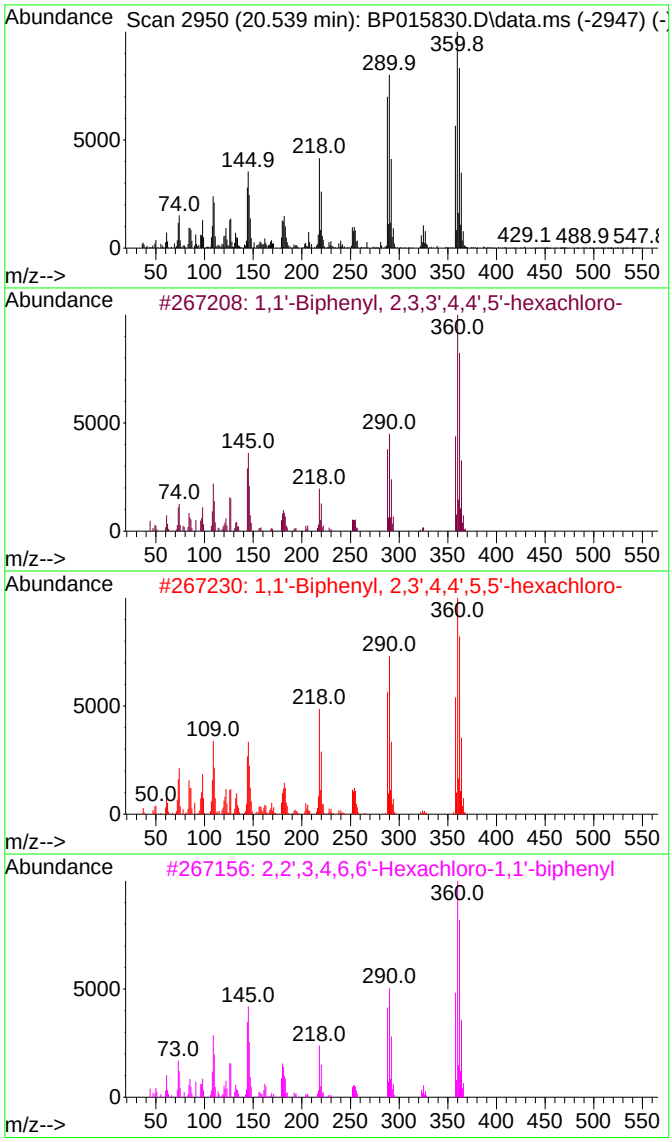
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

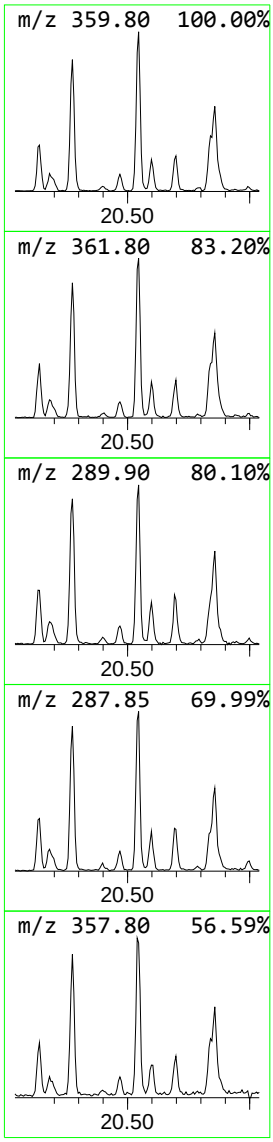
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.539	3.11 ng/ul	486000	Chrysene-d12	21.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4,4',5'-he...	358	C12H4Cl6	069782-90-7	99
2	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99
3	2,2',3,4,6,6'-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-40-5	99
4	2,3,3',4',5,5'-Hexachloro-1,1'-b...	358	C12H4Cl6	039635-34-2	99
5	2,3,3',5,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-46-1	99





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062923\
Data File : BP015830.D
Acq On : 30 Jun 2023 02:32
Operator : MA/JU
Sample : AR1660-50PPM
Misc : GCMS CONFIRMATION
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AR1660-50PPM

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.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...	3.287	10.5	ng/ul	885048	1	8.057	1684530	20.0
1,1'-Biphenyl, ...	16.686	3.4	ng/ul	598451	4	17.469	3525700	20.0
1,1'-Biphenyl, ...	17.328	4.1	ng/ul	724117	4	17.469	3525700	20.0
1,1'-Biphenyl, ...	17.628	2.5	ng/ul	438562	4	17.469	3525700	20.0
1,1'-Biphenyl, ...	18.051	6.5	ng/ul	1149100	4	17.469	3525700	20.0
1,1'-Biphenyl, ...	18.180	2.9	ng/ul	505669	4	17.469	3525700	20.0
2,2',3,4,4',6'-...	20.275	3.1	ng/ul	478600	5	21.557	3128430	20.0
1,1'-Biphenyl, ...	20.539	3.1	ng/ul	486000	5	21.557	3128430	20.0