LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121624\
Data File : BP023442.D
Acq On : 16 Dec 2024 20:30
Operator : RC/JU
Sample : AR1660 50PPM
Misc :
ALS Vial : 15 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-BP112624.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP023442.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.017	3	5	15	rVB	1205840	1137826	48.89%	6.333%
2	3.346	58	61	66	rVB2	12919	17044	0.73%	0.095%
3	3.816	137	141	145	rBV	8956	12316	0.53%	0.069%
4	3.864	147	149	152	rVB4	2351	2412	0.10%	0.013%
5	4.528	260	262	267	rVB5	1758	2445	0.11%	0.014%
6	5.928	494	500	502	rBV6	3382	4280	0.18%	0.024%
7	6.234	546	552	556	rVB9	1818	3782	0.16%	0.021%
8	6.446	585	588	593	rVB7	1959	2811	0.12%	0.016%
9	7.534	765	773	790	rBV	609476	1033111	44.39%	5.750%
10	8.316	899	906	910	rBV8	1307	2685	0.12%	0.015%
11	9.481	1103	1104	1109	rBV5	1920	2341	0.10%	0.013%
12	10.281	1230	1240	1257	rBV	653524	1290174	55.44%	7.181%
13	11.081	1371	1376	1379	rBV7	1492	3286	0.14%	0.018%
14	14.145	1889	1897	1916	rBV	964322	1802677	77.46%	10.033%
15	14.287	1916	1921	1930	rVB2	13312	25928	1.11%	0.144%
16	15.128	2057	2064	2071	rBV2	2910	7957	0.34%	0.044%
17	15.416	2107	2113	2121	rBV	107266	164240	7.06%	0.914%
18	15.739	2166	2168	2171	rBV4	2087	2340	0.10%	0.013%
19	15.881	2186	2192	2198	rBV	24860	40273	1.73%	0.224%
20	16.051	2215	2221	2227	rVB	53402	75041	3.22%	0.418%
21	16.163	2234	2240	2252	rBV	233264	355021	15.25%	1.976%
22	16.469	2287	2292	2297	rVB	33297	47237	2.03%	0.263%
23	16.745	2334	2339	2341	rBV2	6553	10647	0.46%	0.059%
24	16.816	2345	2351	2355	rBV	330022	462728	19.88%	2.575%
25	16.857	2355	2358	2368	rVB	123944	172976	7.43%	0.963%
26	16.957	2368	2375	2391	rBV2	1285257	2220033	95.39%	12.356%
27	17.122	2398	2403	2413	rVB2	178474	284123	12.21%	1.581%
28	17.333	2436	2439	2441	rBV4	4075	3934	0.17%	0.022%
29	17.422	2450	2454	2457	rBV	50213	70649	3.04%	0.393%
30	17.451	2457	2459	2464	rVB3	25223	30124	1.29%	0.168%
31	17.563	2471	2478	2490	rBV2	339715	756442	32.50%	4.210%
32	17.710	2495	2503	2510	rVV	206369	338360	14.54%	1.883%
33	17.775	2510	2514	2517	rVV5	11633	16717	0.72%	0.093%
34	17.833	2519	2524	2528	rVV	113472	151235	6.50%	0.842%
35	17.875	2528	2531	2542	rVB4	41568	76564	3.29%	0.426%
36	17.986	2547	2550	2556	rVB8	14208	21598	0.93%	0.120%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121624\
Data File : BP023442.D
Acq On : 16 Dec 2024 20:30
Operator : RC/JU
Sample : AR1660 50PPM
Misc :
ALS Vial : 15 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-BP112624.MA.M
Title : SVOA CALIBRATION

37	18.057	2557	2562	2569	rVV	140498	215845	9.27%	1.201%
38	18.122	2569	2573	2576	rVV	102268	139358	5.99%	0.776%
39	18.163	2576	2580	2588	rVB	85560	125267	5.38%	0.697%
40	18.351	2606	2612	2618	rBV	119825	196356	8.44%	1.093%
41	18.404	2618	2621	2626	rVB2	39161	55746	2.40%	0.310%
42	18.498	2629	2637	2640	rBV3	47149	97026	4.17%	0.540%
43	18.533	2640	2643	2648	rVB	88935	108475	4.66%	0.604%
44	18.627	2655	2659	2665	rVB3	19271	29638	1.27%	0.165%
45	18.863	2696	2699	2703	rBV4	12476	15412	0.66%	0.086%
46	18.927	2704	2710	2722	rVB3	86534	165153	7.10%	0.919%
47	19.157	2746	2749	2754	rBV7	12117	16247	0.70%	0.090%
48	19.233	2758	2762	2768	rBV2	105448	138311	5.94%	0.770%
49	19.669	2833	2836	2838	rBV3	41656	44667	1.92%	0.249%
50	19.704	2839	2842	2850	rVB3	34866	55331	2.38%	0.308%
51	19.827	2859	2863	2867	rBV2	83476	111616	4.80%	0.621%
52	19.874	2869	2871	2874	rBV4	24119	29246	1.26%	0.163%
53	19.974	2884	2888	2894	rBV	230242	283551	12.18%	1.578%
54	20.186	2921	2924	2930	rVB5	34288	45254	1.94%	0.252%
55	20.263	2933	2937	2943	rBV	213305	293694	12.62%	1.635%
56	20.322	2944	2947	2952	rBV3	57387	70285	3.02%	0.391%
57	20.433	2962	2966	2974	rBV5	113505	188192	8.09%	1.047%
58	20.598	2988	2994	3000	rVB3	111840	223339	9.60%	1.243%
59	20.751	3017	3020	3027	rVB	155739	185351	7.96%	1.032%
60	20.816	3029	3031	3035	rVB5	56439	61600	2.65%	0.343%
61	21.057	3068	3072	3077	rBV5	107479	149177	6.41%	0.830%
62	21.374	3121	3126	3141	rBV2	1240281	2327245	100.00%	12.953%
63	24.539	3657	3664	3680	rVB	735870	1943935	83.53%	10.820%

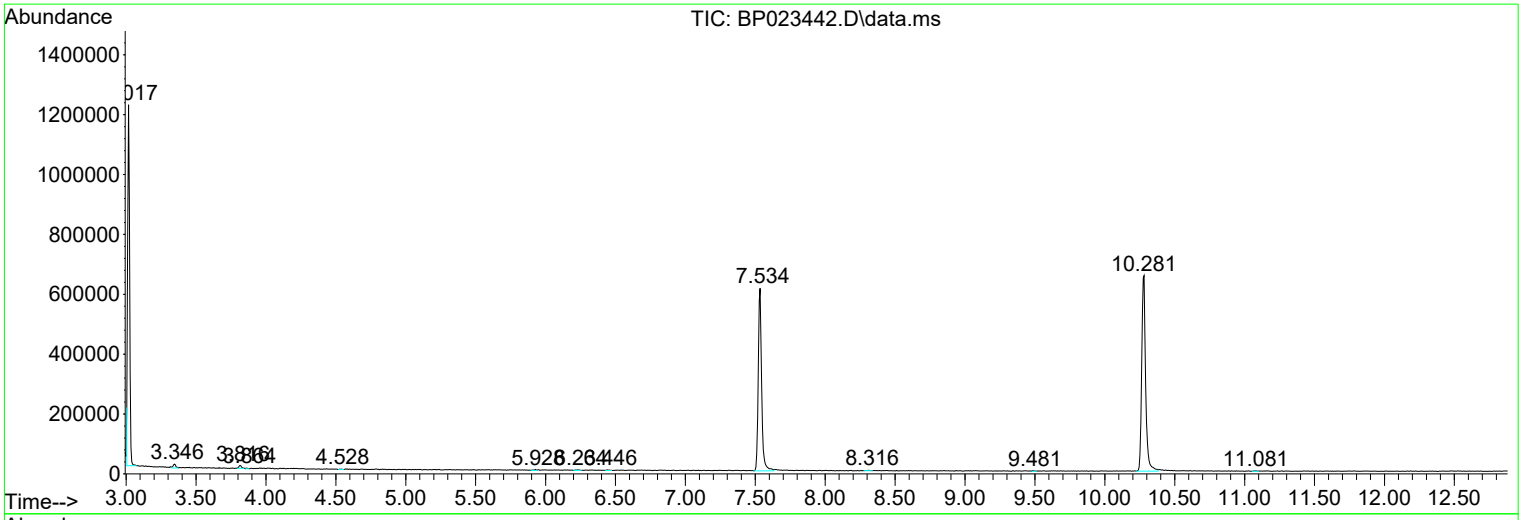
Sum of corrected areas: 17966674

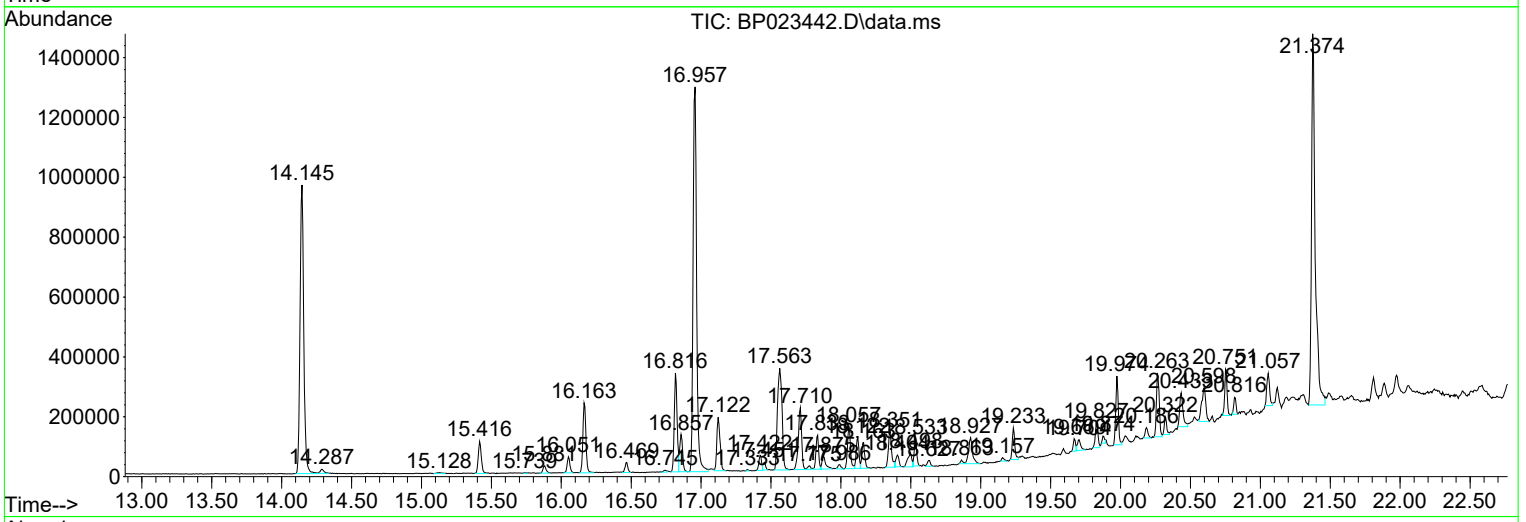
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121624\
Data File : BP023442.D
Acq On : 16 Dec 2024 20:30
Operator : RC/JU
Sample : AR1660 50PPM
Misc :
ALS Vial : 15 Sample Multiplier: 1

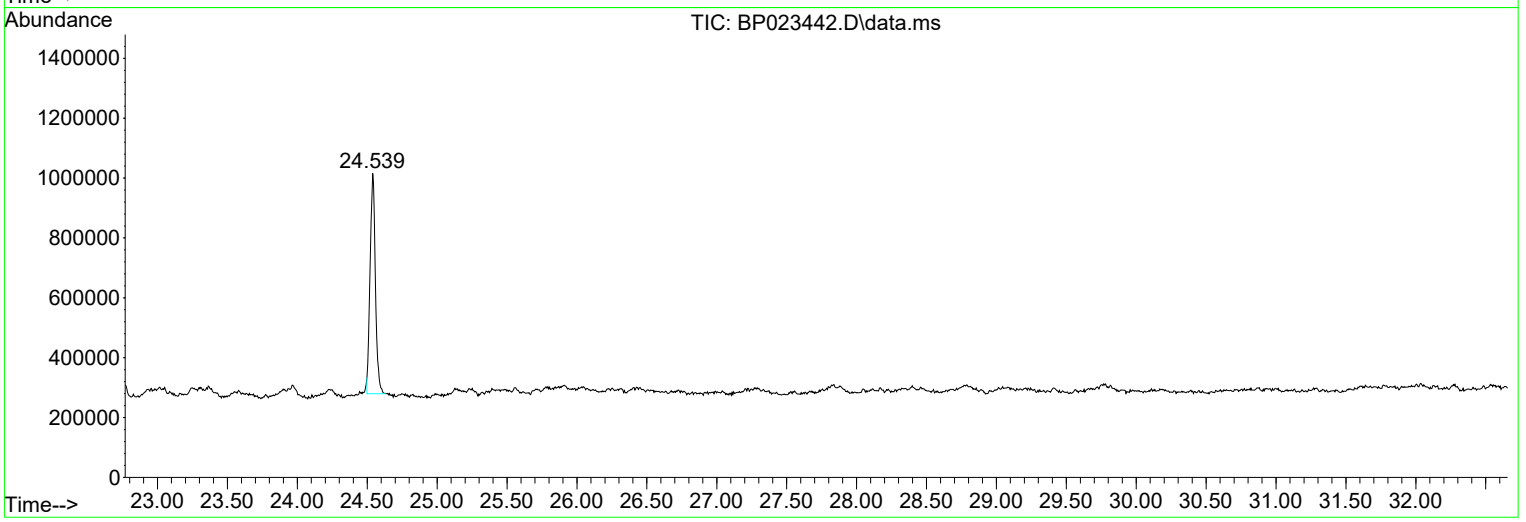
Instrument :
BNA_P
ClientSampleId :
AR1660 50PPM

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.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\BP121624\
Data File : BP023442.D
Acq On : 16 Dec 2024 20:30
Operator : RC/JU
Sample : AR1660 50PPM
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AR1660 50PPM

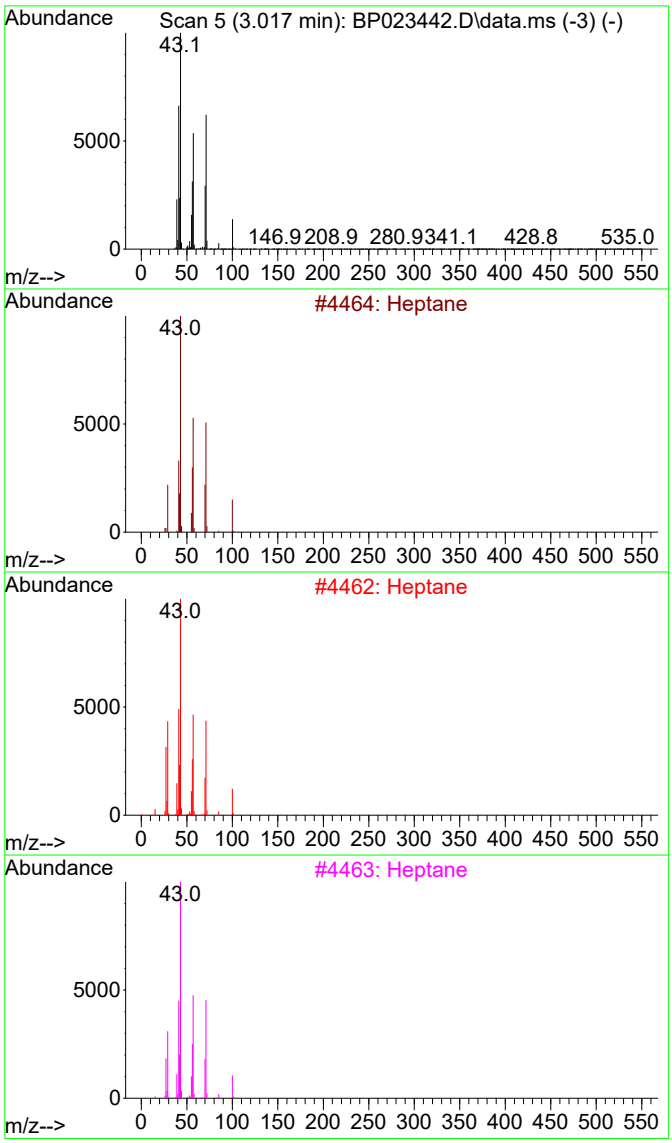
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION

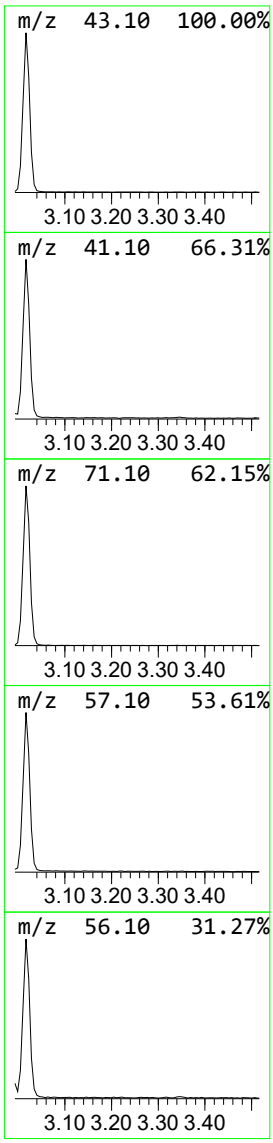
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.017	22.03 ng/ul	1137830	1,4-Dichlorobenzene-d4	7.534

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	87
4	Heptane	100	C7H16	000142-82-5	87
5	Hexane, 3-methyl-	100	C7H16	000589-34-4	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121624\
Data File : BP023442.D
Acq On : 16 Dec 2024 20:30
Operator : RC/JU
Sample : AR1660 50PPM
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AR1660 50PPM

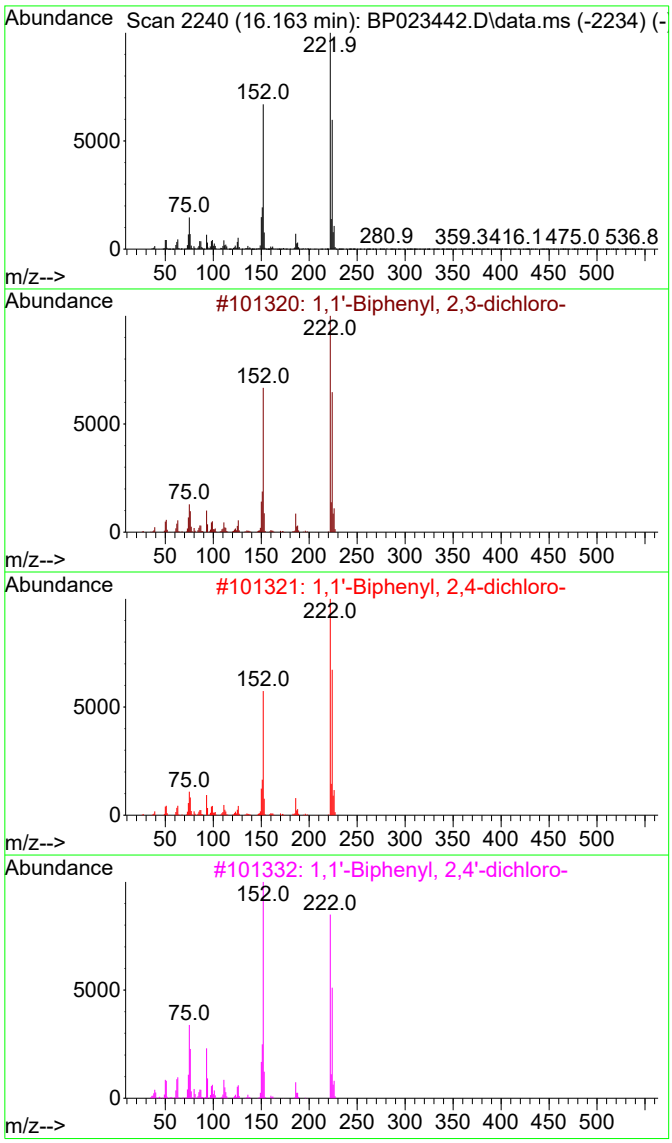
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION

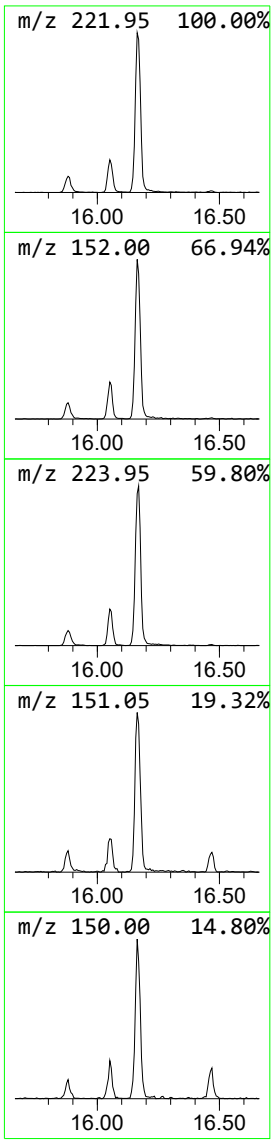
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.163	3.20 ng/ul	355021	Phenanthrene-d10	16.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3-dichloro-	222	C12H8Cl2	016605-91-7	98
2	1,1'-Biphenyl, 2,4-dichloro-	222	C12H8Cl2	033284-50-3	98
3	1,1'-Biphenyl, 2,4'-dichloro-	222	C12H8Cl2	034883-43-7	97
4	1,1'-Biphenyl, 3,3'-dichloro-	222	C12H8Cl2	002050-67-1	97
5	1,1'-Biphenyl, 3,3'-dichloro-	222	C12H8Cl2	002050-67-1	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121624\
Data File : BP023442.D
Acq On : 16 Dec 2024 20:30
Operator : RC/JU
Sample : AR1660 50PPM
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AR1660 50PPM

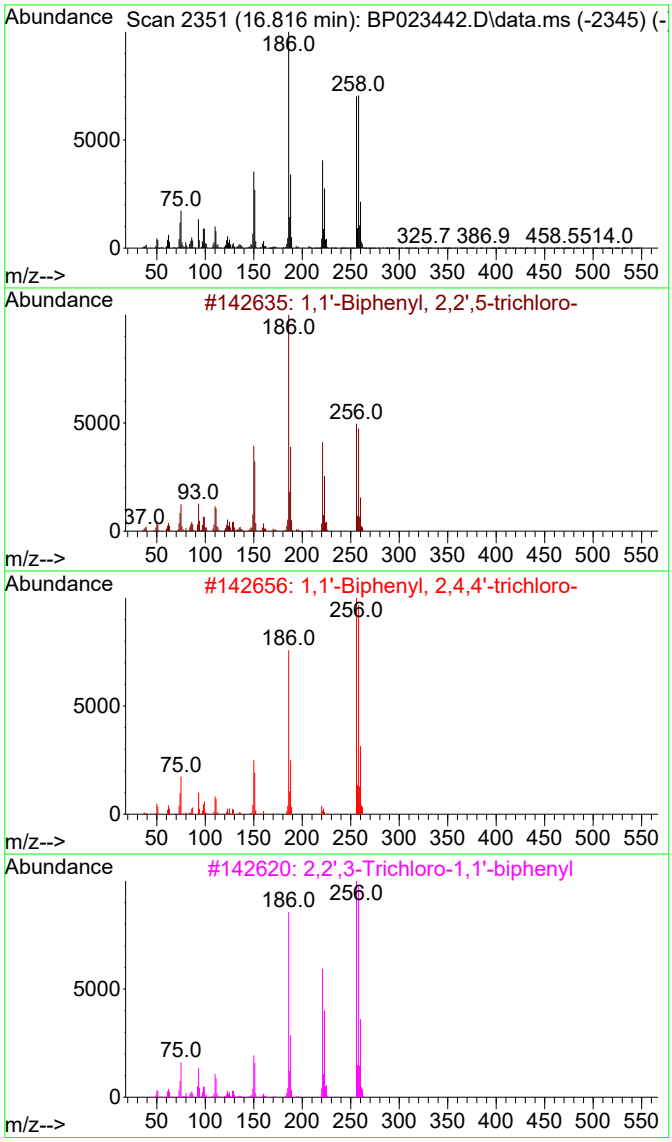
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION

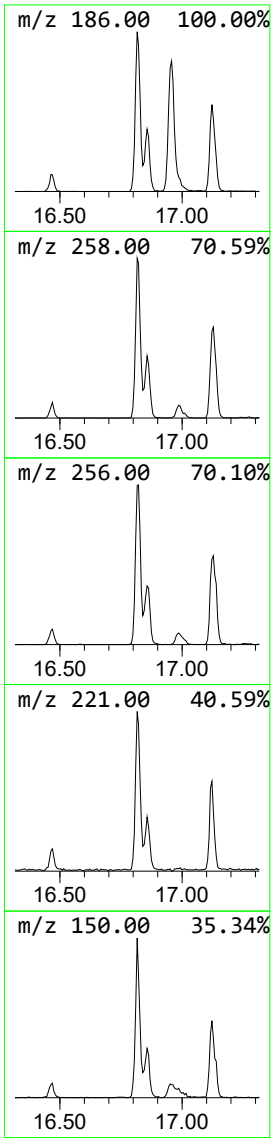
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.816	4.17 ng/ul	462728	Phenanthrene-d10	16.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	99
2	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99
3	2,2',3-Trichloro-1,1'-biphenyl	256	C12H7Cl3	038444-78-9	99
4	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	99
5	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	98





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121624\
Data File : BP023442.D
Acq On : 16 Dec 2024 20:30
Operator : RC/JU
Sample : AR1660 50PPM
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AR1660 50PPM

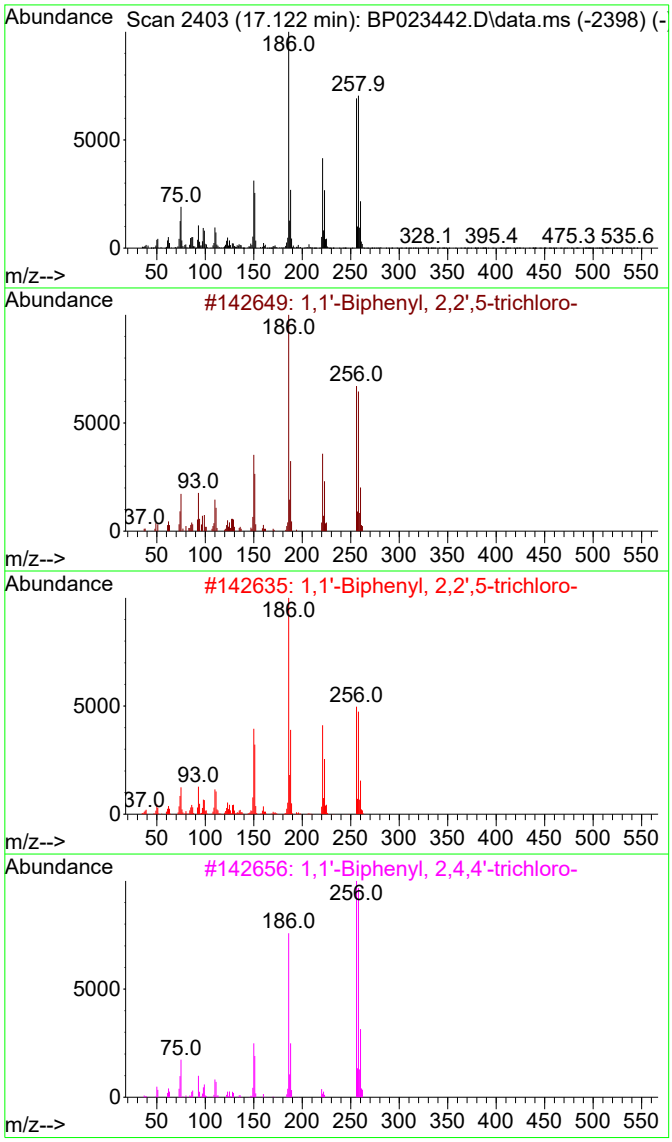
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION

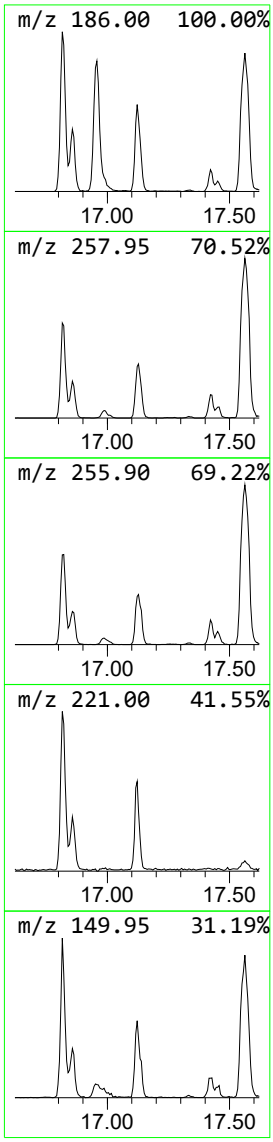
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.122	2.56 ng/ul	284123	Phenanthrene-d10	16.957

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121624\
Data File : BP023442.D
Acq On : 16 Dec 2024 20:30
Operator : RC/JU
Sample : AR1660 50PPM
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AR1660 50PPM

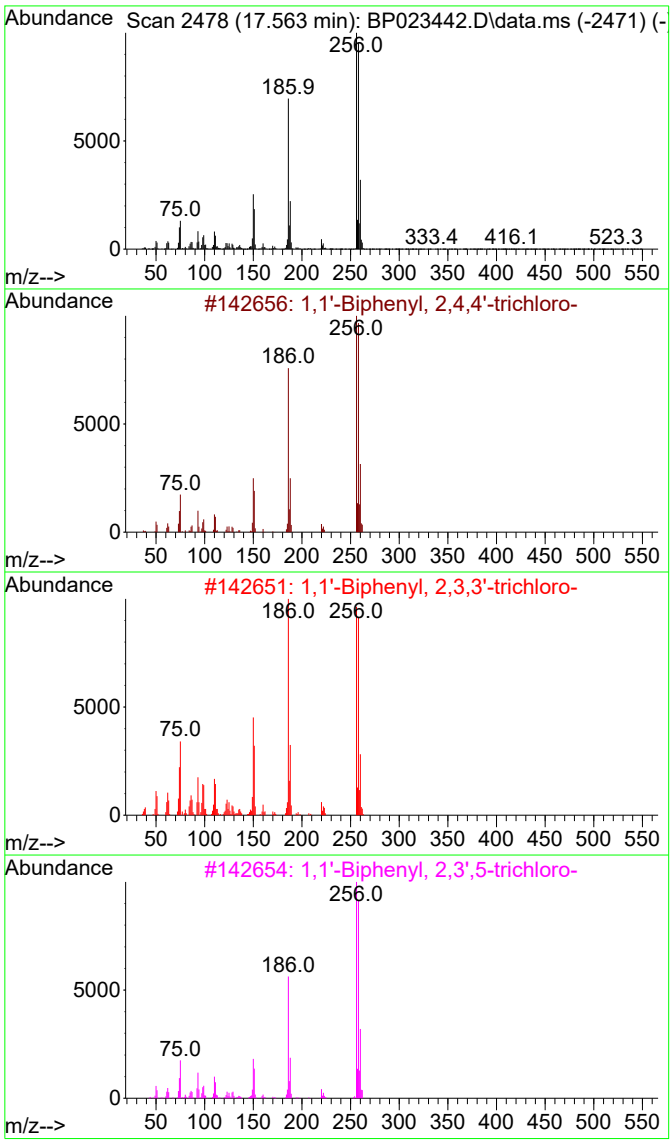
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION

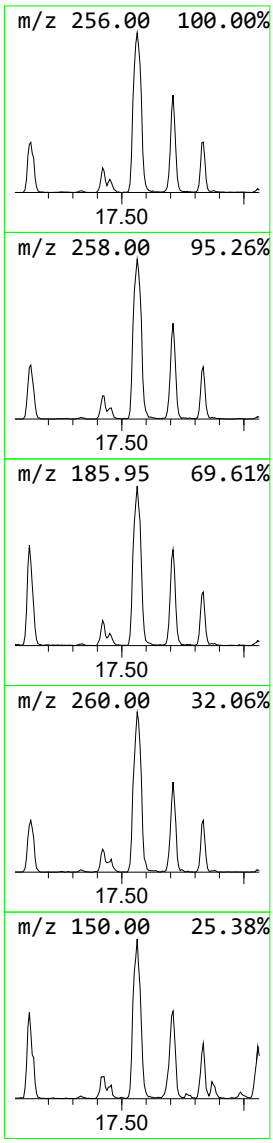
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.563	6.81 ng/ul	756442	Phenanthrene-d10	16.957

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, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	99
4	1,1'-Biphenyl, 3,3',5-trichloro-	256	C12H7Cl3	038444-87-0	99
5	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121624\
Data File : BP023442.D
Acq On : 16 Dec 2024 20:30
Operator : RC/JU
Sample : AR1660 50PPM
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AR1660 50PPM

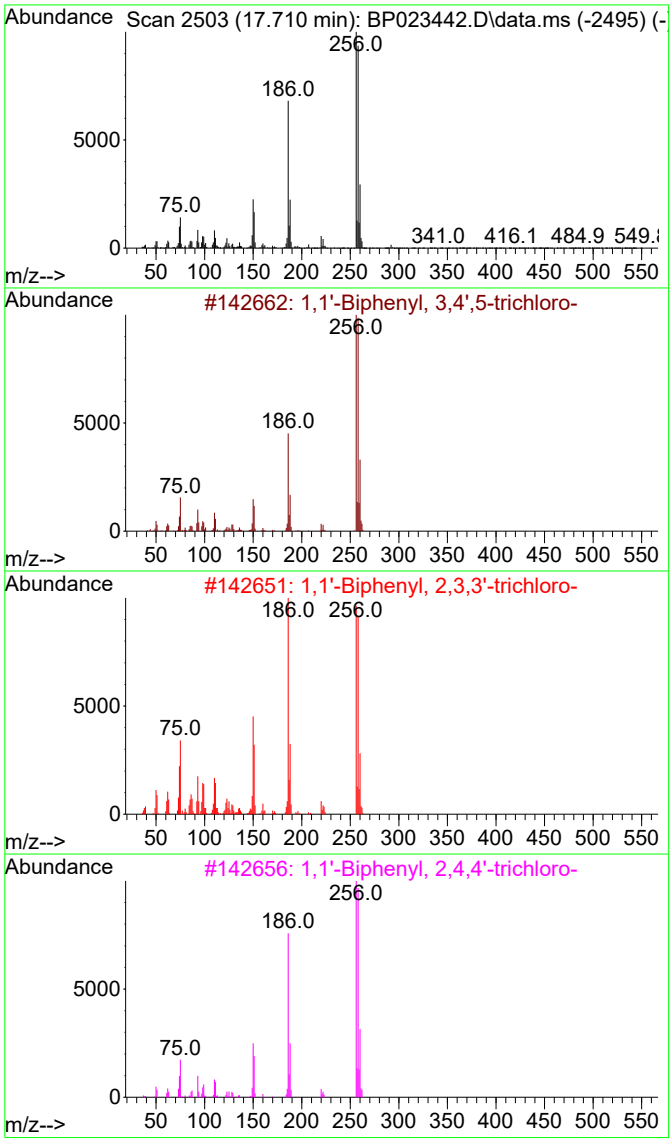
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION

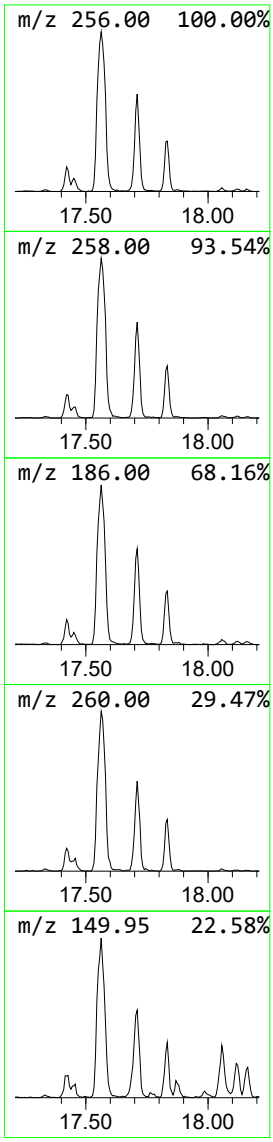
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1,1'-Biphenyl, 3,4',5-trich... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.710	3.05 ng/ul	338360	Phenanthrene-d10	16.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3,4',5-trichloro-	256	C12H7Cl3	038444-88-1	99
2	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	99
3	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99
4	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	99
5	1,1'-Biphenyl, 2,3,4-trichloro-	256	C12H7Cl3	055702-46-0	98





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121624\
Data File : BP023442.D
Acq On : 16 Dec 2024 20:30
Operator : RC/JU
Sample : AR1660 50PPM
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AR1660 50PPM

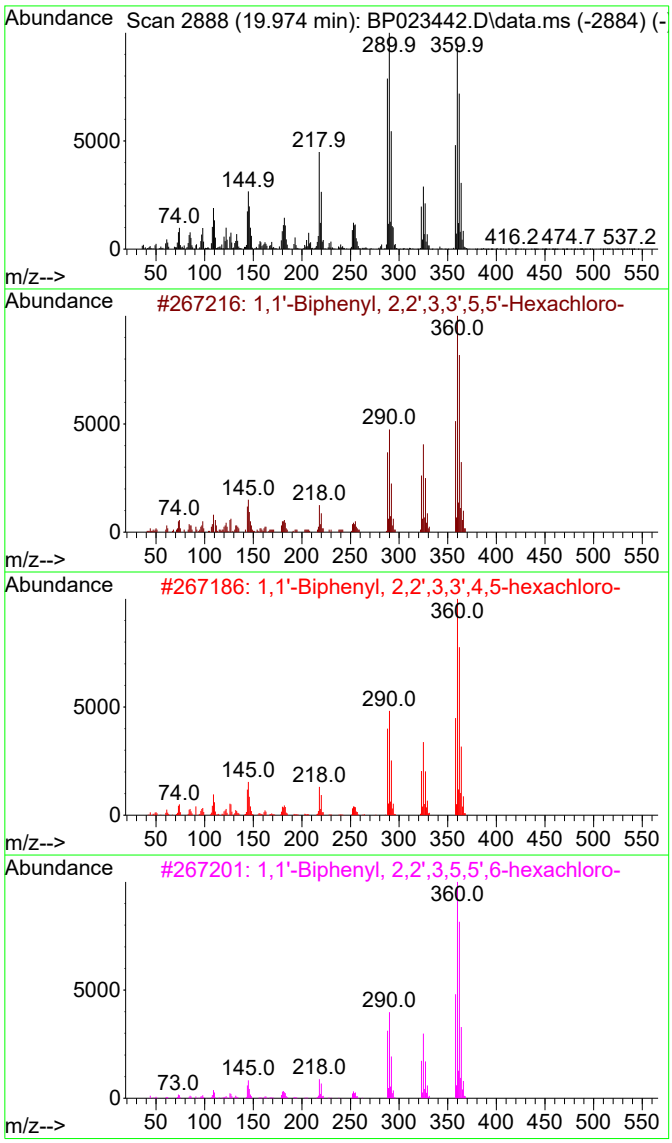
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION

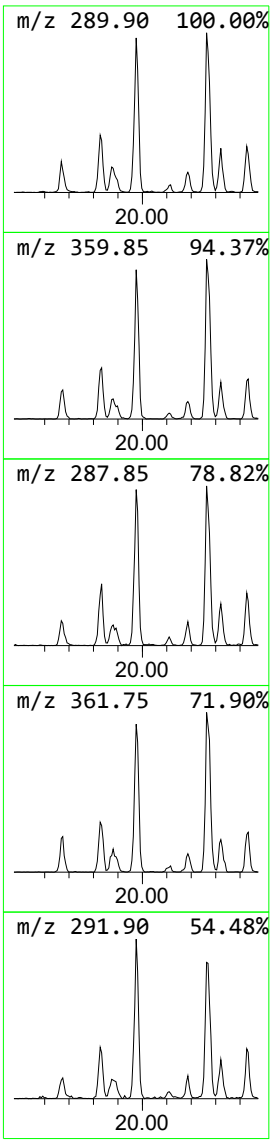
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1,1'-Biphenyl, 2,2',3,3',5,... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.974	2.44 ng/ul	283551	Chrysene-d12	21.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',5,5'-He...	358	C12H4Cl6	035694-04-3	99
2	1,1'-Biphenyl, 2,2',3,3',4,5-hex...	358	C12H4Cl6	055215-18-4	99
3	1,1'-Biphenyl, 2,2',3,5,5',6-hex...	358	C12H4Cl6	052663-63-5	99
4	1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	99
5	1,1'-Biphenyl, 2,2',4,4',5',6-He...	358	C12H4Cl6	060145-22-4	99





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Data File : BP023442.D
Acq On : 16 Dec 2024 20:30
Operator : RC/JU
Sample : AR1660 50PPM
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AR1660 50PPM

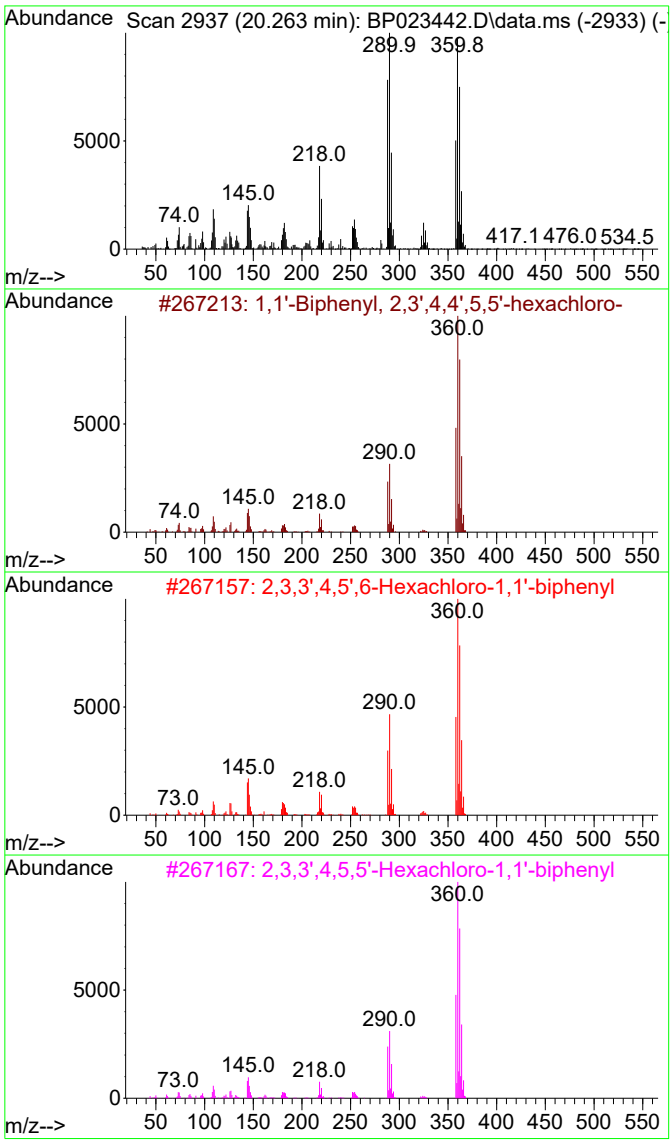
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION

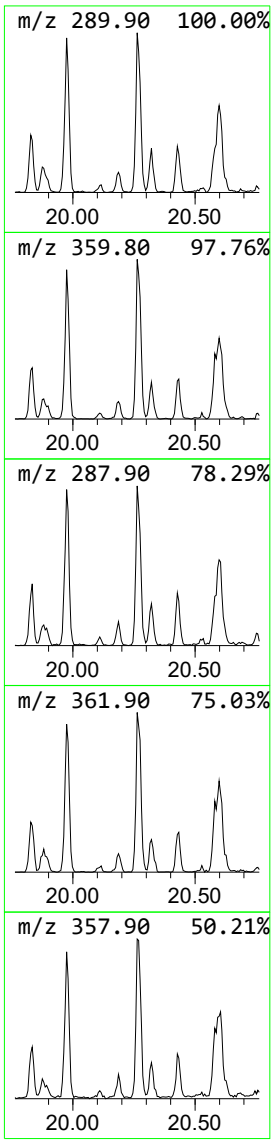
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 1,1'-Biphenyl, 2,3',4,4',5,... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.263	2.52 ng/ul	293694	Chrysene-d12	21.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99
2	2,3,3',4,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-43-8	99
3	2,3,3',4,5,5'-Hexachloro-1,1'-bi...	358	C12H4Cl6	039635-35-3	99
4	2,3,3',4,4',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-42-7	99
5	2,2',3,5,6,6'-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-09-2	99





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121624\
Data File : BP023442.D
Acq On : 16 Dec 2024 20:30
Operator : RC/JU
Sample : AR1660 50PPM
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AR1660 50PPM

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.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...	3.017	22.0	ng/ul	1137830	1	7.534	1033110	20.0
1,1'-Biphenyl, ...	16.163	3.2	ng/ul	355021	4	16.957	2220030	20.0
1,1'-Biphenyl, ...	16.816	4.2	ng/ul	462728	4	16.957	2220030	20.0
1,1'-Biphenyl, ...	17.122	2.6	ng/ul	284123	4	16.957	2220030	20.0
1,1'-Biphenyl, ...	17.563	6.8	ng/ul	756442	4	16.957	2220030	20.0
1,1'-Biphenyl, ...	17.710	3.0	ng/ul	338360	4	16.957	2220030	20.0
1,1'-Biphenyl, ...	19.974	2.4	ng/ul	283551	5	21.374	2327250	20.0
1,1'-Biphenyl, ...	20.263	2.5	ng/ul	293694	5	21.374	2327250	20.0