LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121824\
Data File : BP023556.D
Acq On : 20 Dec 2024 16:22
Operator : RC/JU
Sample : AR1242 50PPM
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AR1242 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: BP023556.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.334	55	59	64	rBV	18591	21496	0.75%	0.114%
2	3.805	136	139	145	rVB	10496	15904	0.55%	0.085%
3	4.246	212	214	218	rVB5	3330	2998	0.10%	0.016%
4	6.428	583	585	589	rVB5	2038	2929	0.10%	0.016%
5	7.522	762	771	794	rBV	655135	1242874	43.35%	6.619%
6	10.263	1227	1237	1258	rBV	833987	1572093	54.83%	8.372%
7	10.905	1343	1346	1352	rBV8	1699	2998	0.10%	0.016%
8	14.134	1888	1895	1912	rBV	1429461	2085701	72.74%	11.108%
9	14.269	1913	1918	1925	rVB2	15384	28928	1.01%	0.154%
10	15.128	2057	2064	2068	rBV10	4811	9836	0.34%	0.052%
11	15.422	2106	2114	2125	rBV	118477	191200	6.67%	1.018%
12	15.575	2137	2140	2144	rVB5	2199	2934	0.10%	0.016%
13	15.875	2186	2191	2199	rBV	32313	51730	1.80%	0.275%
14	16.040	2213	2219	2228	rBV2	51496	83492	2.91%	0.445%
15	16.169	2234	2241	2252	rBV	233557	403120	14.06%	2.147%
16	16.375	2274	2276	2280	rBV5	2097	3172	0.11%	0.017%
17	16.463	2286	2291	2299	rBV2	29708	51020	1.78%	0.272%
18	16.534	2299	2303	2305	rBV4	2703	3949	0.14%	0.021%
19	16.728	2333	2336	2342	rVB4	6963	12266	0.43%	0.065%
20	16.822	2346	2352	2356	rBV	325546	504785	17.60%	2.688%
21	16.863	2356	2359	2367	rVB	125248	169668	5.92%	0.904%
22	16.945	2367	2373	2387	rBV	1756462	2688726	93.77%	14.319%
23	17.122	2396	2403	2415	rVB2	163702	298260	10.40%	1.588%
24	17.263	2423	2427	2428	rBV4	3417	4029	0.14%	0.021%
25	17.281	2428	2430	2433	rVV4	3574	3183	0.11%	0.017%
26	17.410	2447	2452	2456	rBV2	50796	78165	2.73%	0.416%
27	17.569	2472	2479	2490	rBV2	366538	819728	28.59%	4.366%
28	17.692	2493	2500	2506	rVV2	244939	369142	12.87%	1.966%
29	17.757	2508	2511	2516	rVB5	12514	17332	0.60%	0.092%
30	17.822	2517	2522	2528	rVV	91654	157784	5.50%	0.840%
31	17.887	2528	2533	2546	rVV6	46834	109103	3.81%	0.581%
32	17.992	2547	2551	2555	rVV7	19855	30391	1.06%	0.162%
33	18.045	2555	2560	2566	rVV	164321	229471	8.00%	1.222%
34	18.104	2566	2570	2574	rVV	103502	156853	5.47%	0.835%
35	18.157	2574	2579	2585	rVB2	77670	133287	4.65%	0.710%
36	18.351	2607	2612	2616	rBV	165634	222630	7.76%	1.186%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121824\
Data File : BP023556.D
Acq On : 20 Dec 2024 16:22
Operator : RC/JU
Sample : AR1242 50PPM
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AR1242 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	18.398	2616	2620	2625	rVV2	57893	85008	2.96%	0.453%
38	18.475	2627	2633	2639	rVV3	64623	182345	6.36%	0.971%
39	18.534	2639	2643	2650	rVB2	76433	145558	5.08%	0.775%
40	18.645	2658	2662	2670	rVB4	33636	46728	1.63%	0.249%
41	18.857	2694	2698	2703	rBV3	65643	107507	3.75%	0.573%
42	18.916	2703	2708	2712	rVV	154973	239504	8.35%	1.276%
43	18.957	2712	2715	2720	rVB	143665	191056	6.66%	1.018%
44	19.175	2747	2752	2755	rBV3	67468	118788	4.14%	0.633%
45	19.233	2759	2762	2768	rVV5	47739	77761	2.71%	0.414%
46	19.304	2771	2774	2778	rVB6	21645	27916	0.97%	0.149%
47	19.710	2840	2843	2848	rVB4	35894	43715	1.52%	0.233%
48	21.375	3120	3126	3140	rBV2	1568530	2862536	99.83%	15.245%
49	24.557	3658	3667	3681	rVB	987863	2867341	100.00%	15.271%

Sum of corrected areas: 18776940

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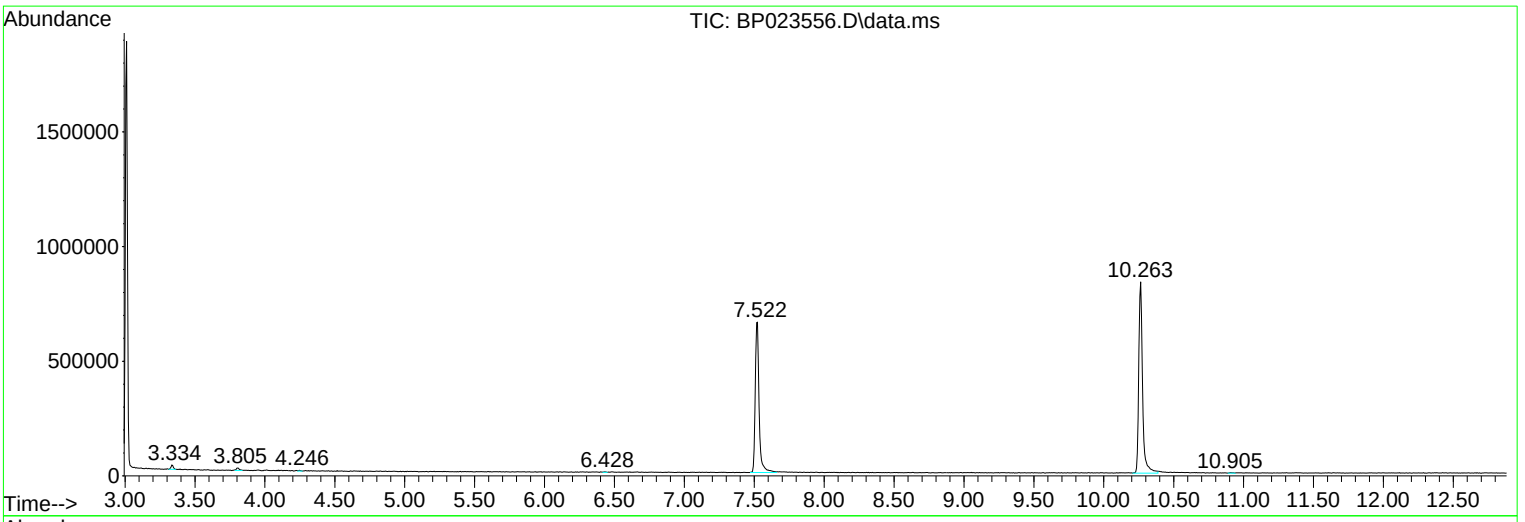
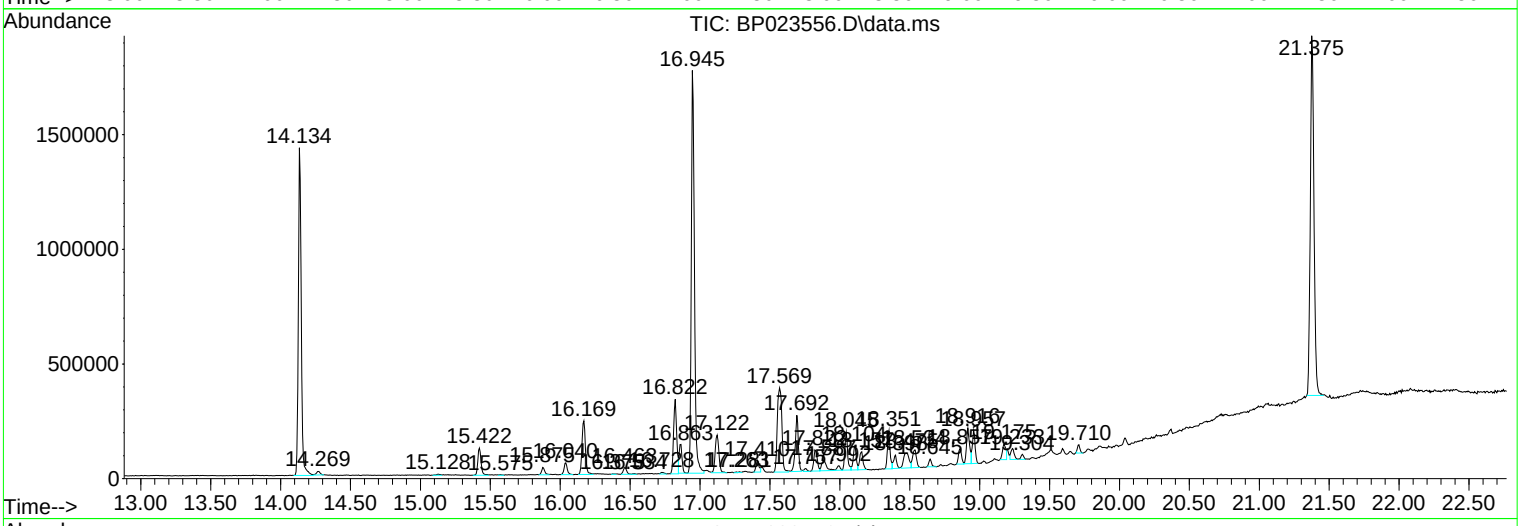
Misc :
ALS Vial : 7 Sample Multiplier: 1

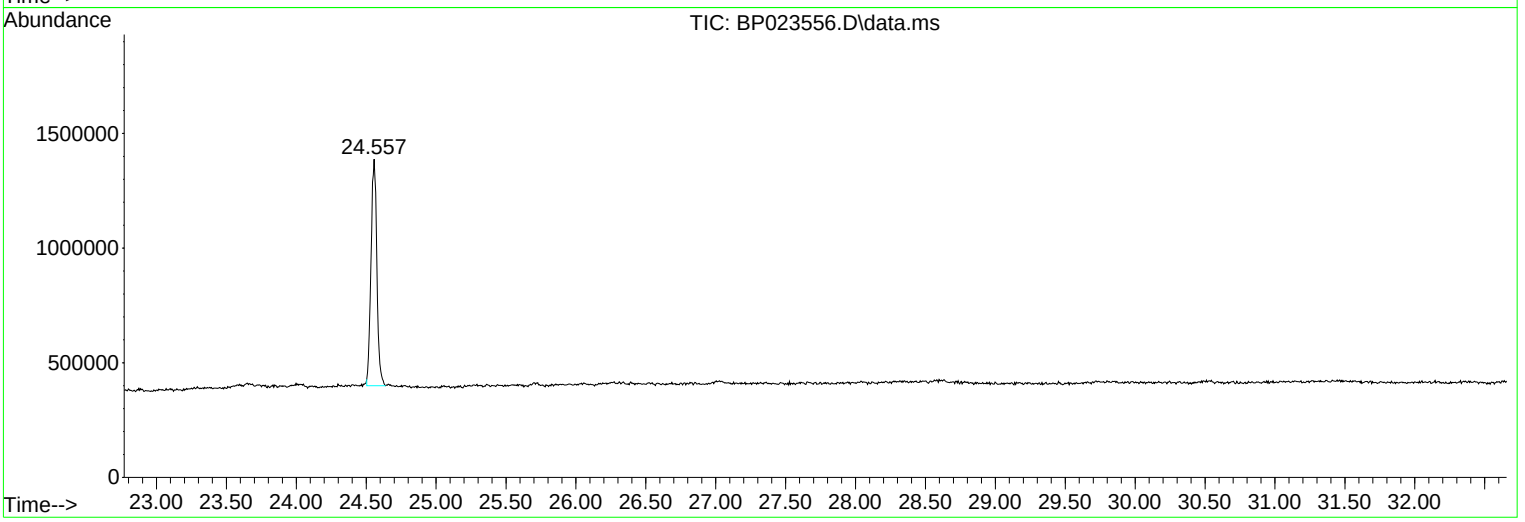
Instrument :
BNA_P
ClientSampleId :
AR1242 50PPM

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\BP121824\
Data File : BP023556.D
Acq On : 20 Dec 2024 16:22
Operator : RC/JU
Sample : AR1242 50PPM
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AR1242 50PPM

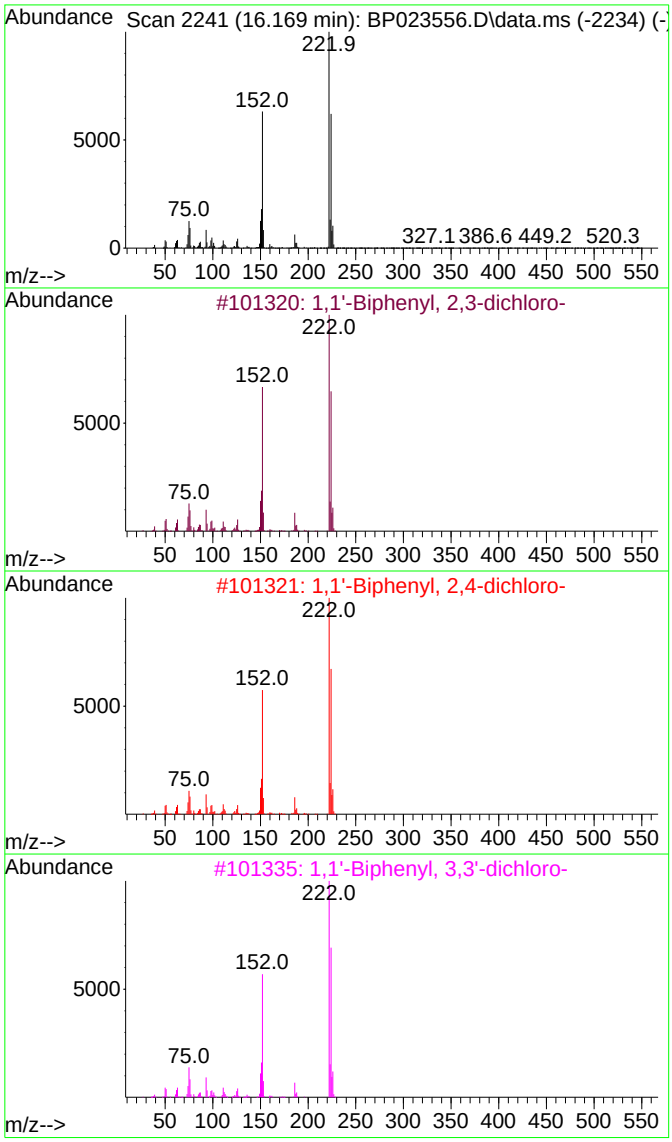
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION

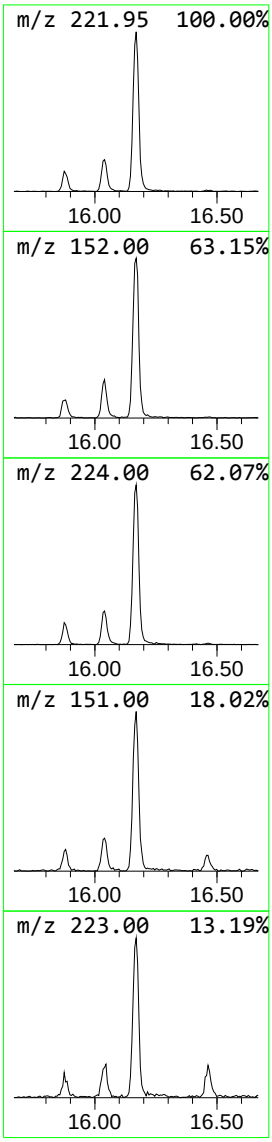
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.169	3.00 ng/ul	403120	Phenanthrene-d10	16.945

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\BP121824\
Data File : BP023556.D
Acq On : 20 Dec 2024 16:22
Operator : RC/JU
Sample : AR1242 50PPM
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AR1242 50PPM

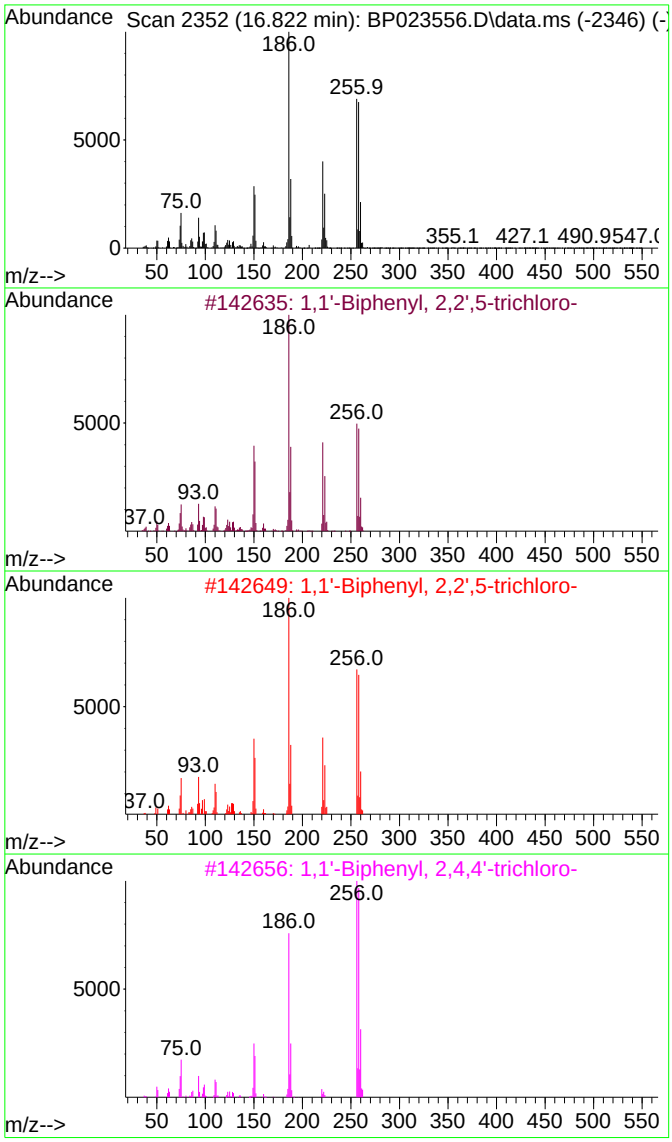
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION

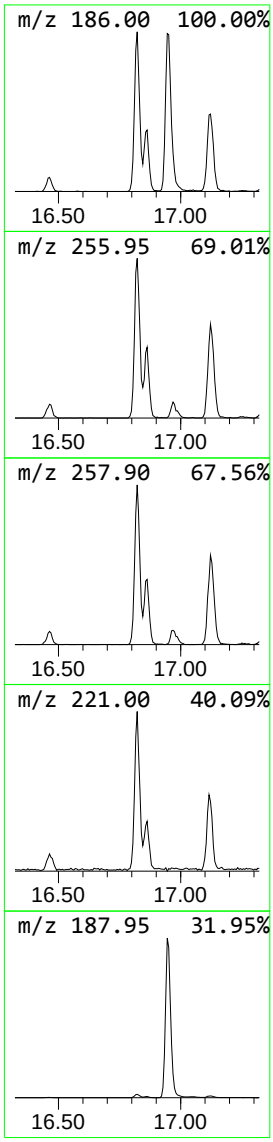
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.822	3.75 ng/ul	504785	Phenanthrene-d10	16.945

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',6-trichloro-	256	C12H7Cl3	038444-73-4	99
5	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121824\
Data File : BP023556.D
Acq On : 20 Dec 2024 16:22
Operator : RC/JU
Sample : AR1242 50PPM
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AR1242 50PPM

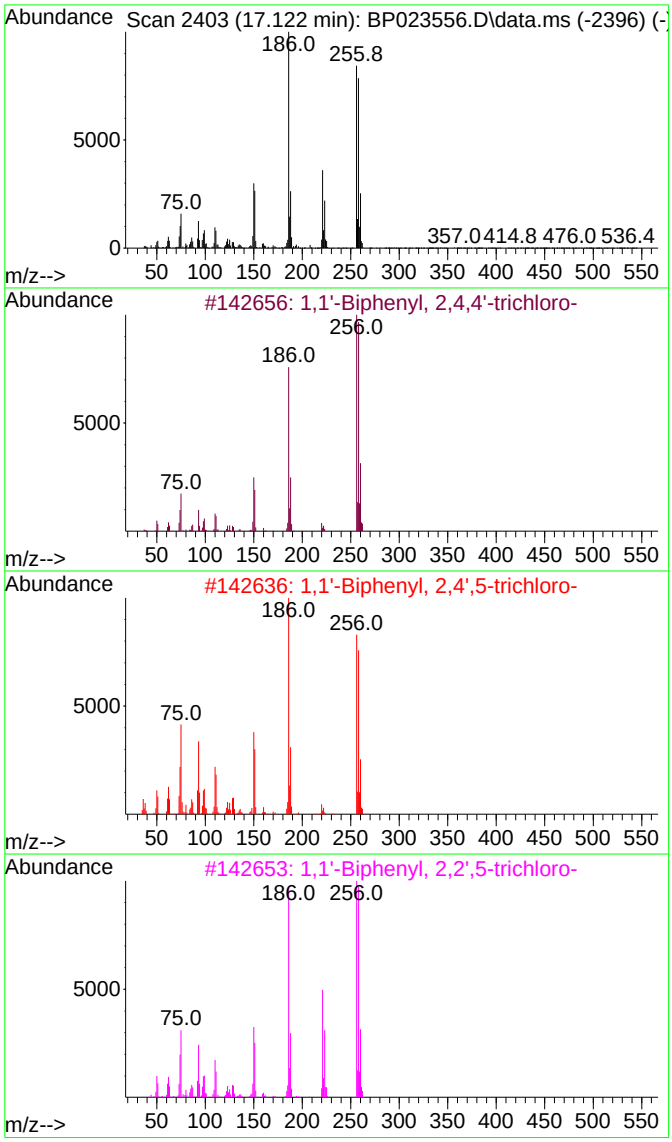
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION

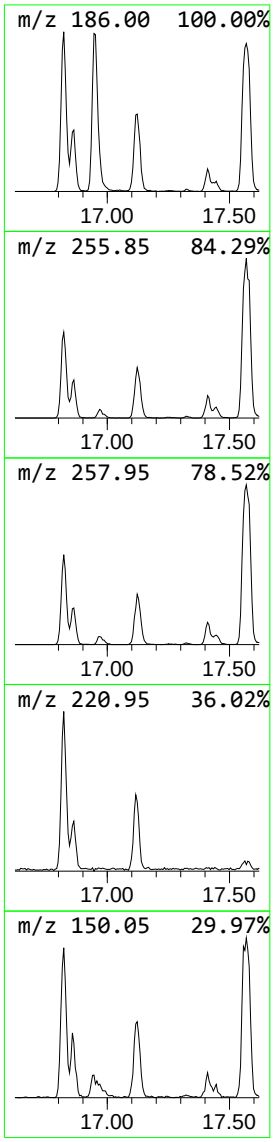
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.122	2.22 ng/ul	298260	Phenanthrene-d10	16.945

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',5-trichloro-	256	C12H7Cl3	016606-02-3	99
3	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	98
4	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	98
5	1,1'-Biphenyl, 2,3,4-trichloro-	256	C12H7Cl3	055702-46-0	98





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121824\
Data File : BP023556.D
Acq On : 20 Dec 2024 16:22
Operator : RC/JU
Sample : AR1242 50PPM
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AR1242 50PPM

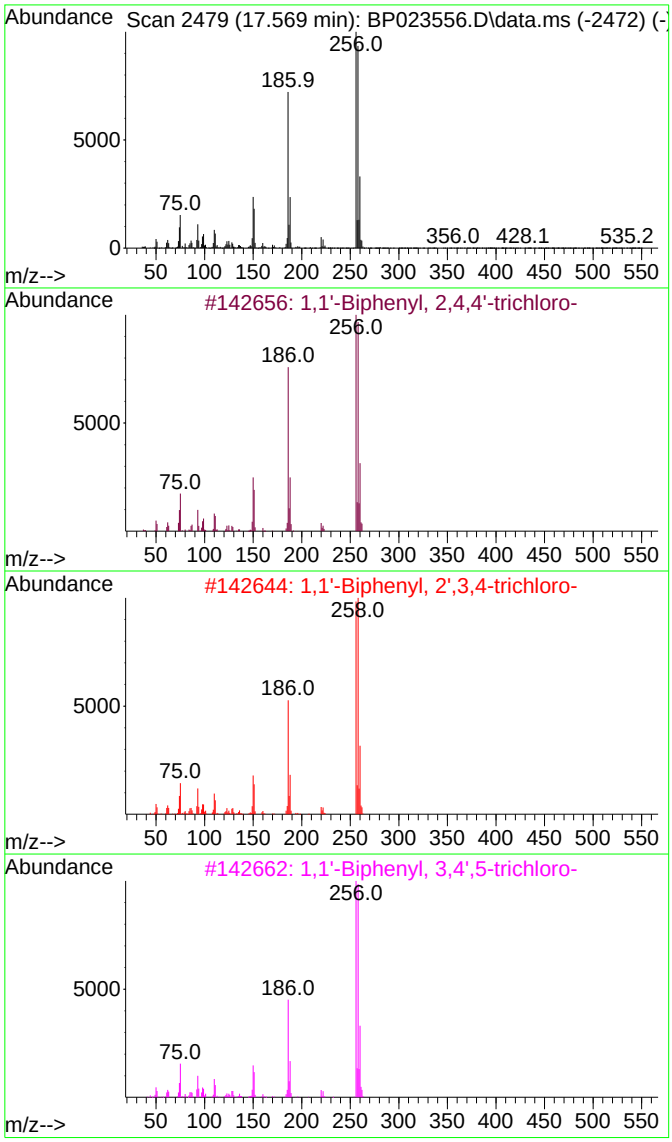
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION

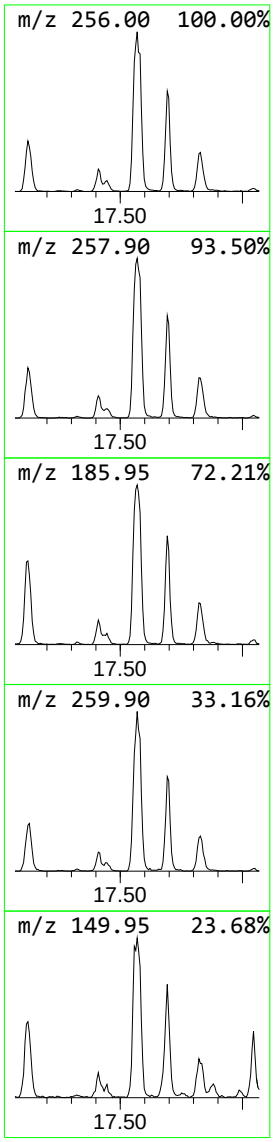
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.569	6.10 ng/ul	819728	Phenanthrene-d10	16.945

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',3,4-trichloro-	256	C12H7Cl3	038444-86-9	99
3	1,1'-Biphenyl, 3,4',5-trichloro-	256	C12H7Cl3	038444-88-1	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\BP121824\
Data File : BP023556.D
Acq On : 20 Dec 2024 16:22
Operator : RC/JU
Sample : AR1242 50PPM
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AR1242 50PPM

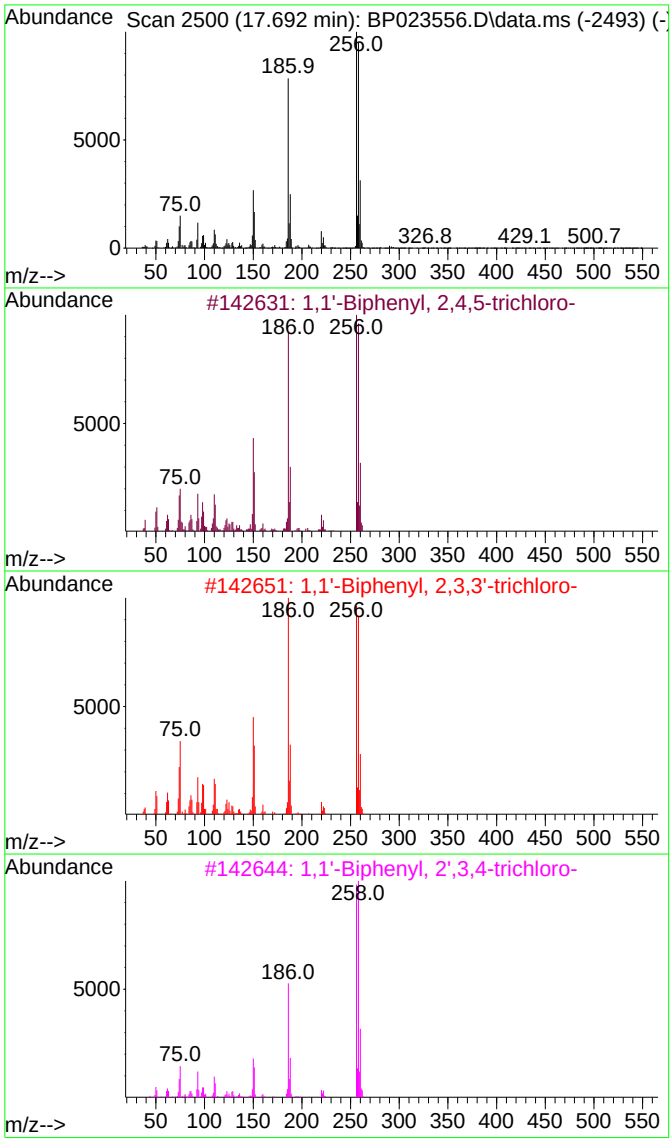
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION

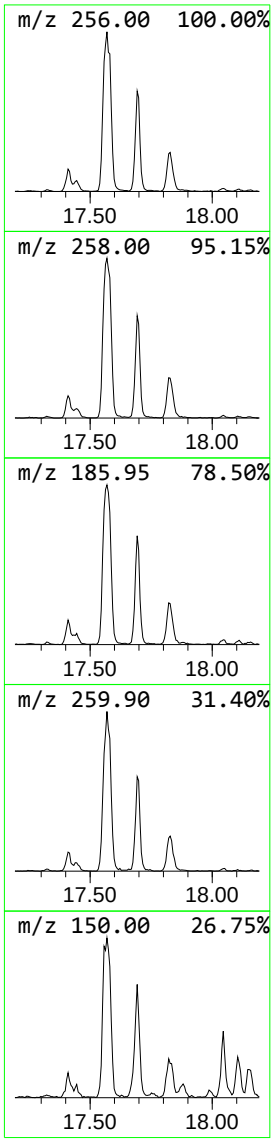
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.692	2.75 ng/ul	369142	Phenanthrene-d10	16.945

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4,5-trichloro-	256	C12H7Cl3	015862-07-4	99
2	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	99
3	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	99
4	1,1'-Biphenyl, 3,3',5-trichloro-	256	C12H7Cl3	038444-87-0	99
5	1,1'-Biphenyl, 3,4',5-trichloro-	256	C12H7Cl3	038444-88-1	99





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121824\
Data File : BP023556.D
Acq On : 20 Dec 2024 16:22
Operator : RC/JU
Sample : AR1242 50PPM
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AR1242 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
1,1'-Biphenyl, ...	16.169	3.0	ng/ul	403120	4	16.945	2688730	20.0
1,1'-Biphenyl, ...	16.822	3.8	ng/ul	504785	4	16.945	2688730	20.0
1,1'-Biphenyl, ...	17.122	2.2	ng/ul	298260	4	16.945	2688730	20.0
1,1'-Biphenyl, ...	17.569	6.1	ng/ul	819728	4	16.945	2688730	20.0
1,1'-Biphenyl, ...	17.692	2.8	ng/ul	369142	4	16.945	2688730	20.0