LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121624\
Data File : BP023440.D
Acq On : 16 Dec 2024 19:10
Operator : RC/JU
Sample : AR1242 50PPM
Misc :
ALS Vial : 13 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: BP023440.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.022	3	6	14	rVB	1132002	1191655	55.56%	8.070%
2	3.346	58	61	67	rVB2	10049	13882	0.65%	0.094%
3	3.640	109	111	114	rBV4	2036	2397	0.11%	0.016%
4	3.816	138	141	146	rVB	8127	10236	0.48%	0.069%
5	3.969	165	167	170	rVB4	3128	2671	0.12%	0.018%
6	4.022	174	176	181	rVV5	3147	4538	0.21%	0.031%
7	7.534	765	773	786	rBV	552160	986266	45.98%	6.679%
8	8.622	956	958	962	rBV5	1529	2383	0.11%	0.016%
9	9.040	1027	1029	1034	rBV6	1346	2271	0.11%	0.015%
10	10.275	1232	1239	1260	rBV	678168	1243202	57.96%	8.419%
11	11.587	1459	1462	1467	rBV7	1666	2171	0.10%	0.015%
12	14.139	1890	1896	1911	rBV	1267564	1687213	78.66%	11.426%
13	14.292	1916	1922	1928	rBV3	11363	20079	0.94%	0.136%
14	15.133	2061	2065	2066	rBV4	2817	3186	0.15%	0.022%
15	15.428	2110	2115	2122	rBV	96093	134310	6.26%	0.910%
16	15.751	2163	2170	2171	rBV6	2086	2504	0.12%	0.017%
17	15.881	2187	2192	2198	rVB3	22394	34671	1.62%	0.235%
18	16.051	2216	2221	2228	rVV2	37344	59639	2.78%	0.404%
19	16.169	2236	2241	2252	rVB	175406	280710	13.09%	1.901%
20	16.475	2286	2293	2298	rBV2	25544	39808	1.86%	0.270%
21	16.751	2333	2340	2342	rBV4	5575	9680	0.45%	0.066%
22	16.828	2348	2353	2356	rBV	275484	352087	16.42%	2.384%
23	16.863	2356	2359	2365	rVB	104595	132541	6.18%	0.898%
24	16.951	2367	2374	2390	rBV2	1332599	2144906	100.00%	14.526%
25	17.133	2399	2405	2415	rVB2	140555	214422	10.00%	1.452%
26	17.427	2449	2455	2458	rBV	36259	57173	2.67%	0.387%
27	17.451	2458	2459	2465	rVB5	19513	23725	1.11%	0.161%
28	17.563	2472	2478	2493	rVB	281783	574066	26.76%	3.888%
29	17.698	2493	2501	2507	rBV	157065	253943	11.84%	1.720%
30	17.769	2510	2513	2518	rVB6	8618	13613	0.63%	0.092%
31	17.839	2519	2525	2529	rBV	81086	116680	5.44%	0.790%
32	17.880	2529	2532	2540	rVB4	35165	53391	2.49%	0.362%
33	17.986	2547	2550	2553	rVB5	13928	16825	0.78%	0.114%
34	18.051	2556	2561	2568	rVV2	96395	150236	7.00%	1.017%
35	18.116	2568	2572	2577	rVV2	65911	107320	5.00%	0.727%
36	18.169	2577	2581	2588	rVB2	63571	88042	4.10%	0.596%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121624\
Data File : BP023440.D
Acq On : 16 Dec 2024 19:10
Operator : RC/JU
Sample : AR1242 50PPM
Misc :
ALS Vial : 13 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	18.345	2606	2611	2616	rBV	97540	149853	6.99%	1.015%
38	18.392	2616	2619	2627	rVB3	32307	50526	2.36%	0.342%
39	18.480	2629	2634	2636	rBV	44187	68522	3.19%	0.464%
40	18.539	2641	2644	2650	rVB	70886	95119	4.43%	0.644%
41	18.633	2657	2660	2665	rBV3	23762	29862	1.39%	0.202%
42	18.863	2695	2699	2703	rBV2	53275	76694	3.58%	0.519%
43	18.916	2704	2708	2711	rVV	121608	155608	7.25%	1.054%
44	18.957	2711	2715	2721	rVB	90949	141030	6.58%	0.955%
45	19.174	2748	2752	2755	rBV	44017	75144	3.50%	0.509%
46	19.233	2760	2762	2770	rVB6	40065	60357	2.81%	0.409%
47	19.298	2771	2773	2779	rVB7	16168	20157	0.94%	0.137%
48	19.704	2840	2842	2847	rVB4	22012	23657	1.10%	0.160%
49	21.380	3122	3127	3143	rVB2	1209600	1971373	91.91%	13.351%
50	24.557	3659	3667	3679	rVB	706614	1815486	84.64%	12.295%

Sum of corrected areas: 14765830

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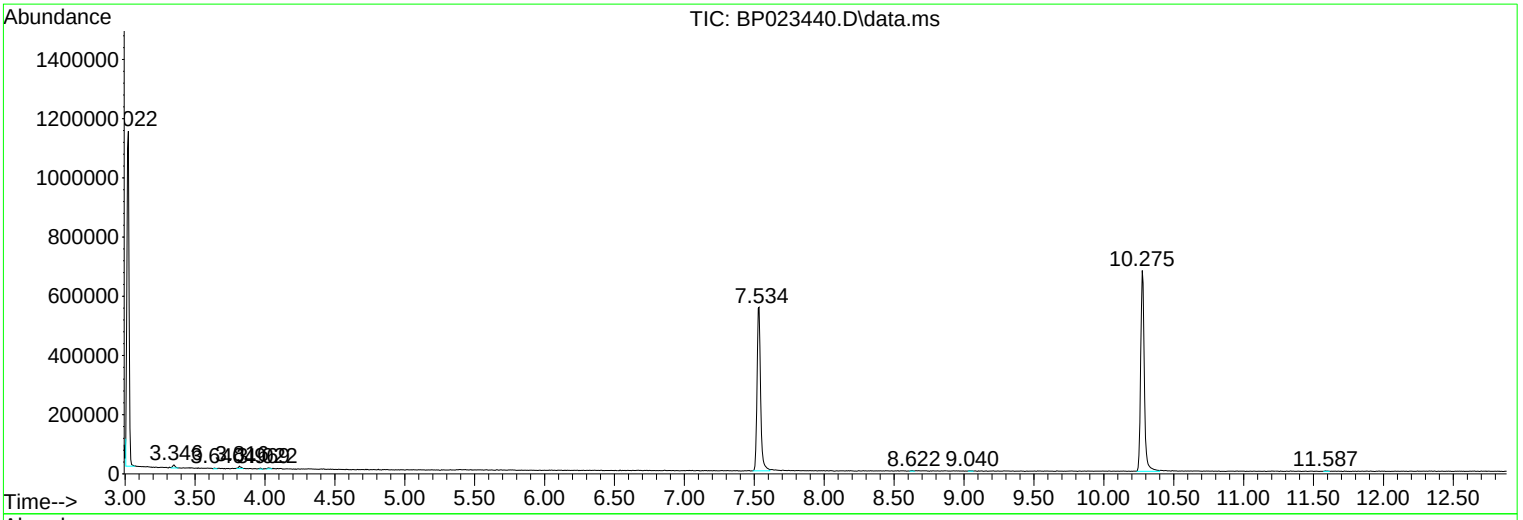
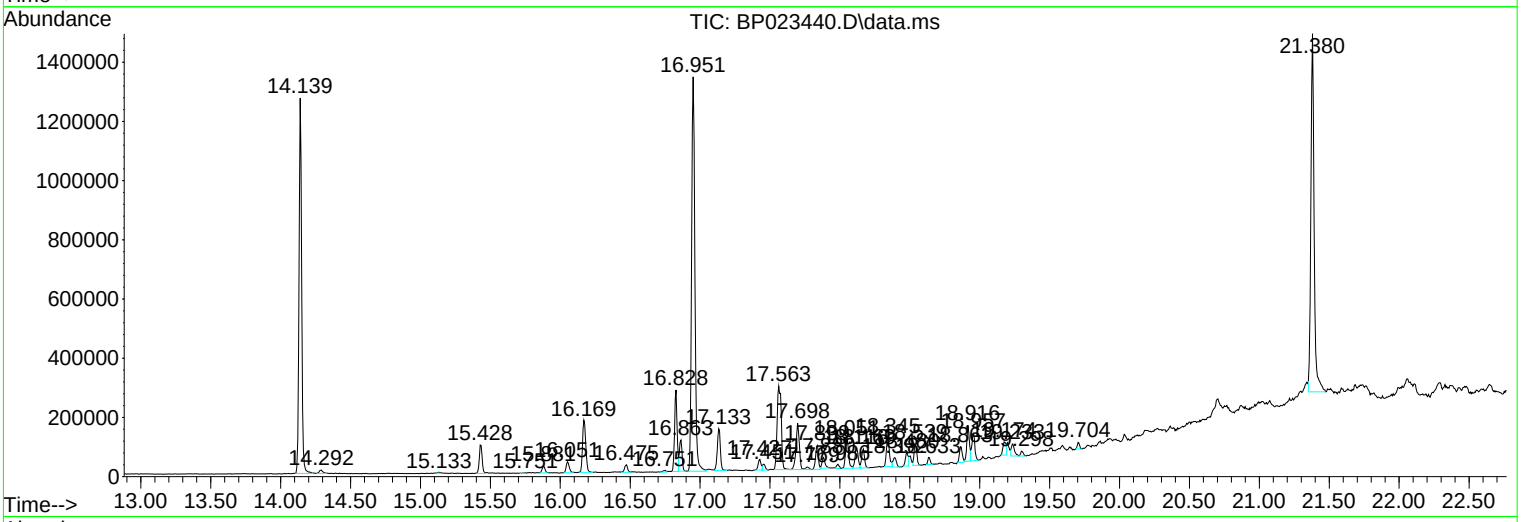
Misc :
ALS Vial : 13 Sample Multiplier: 1

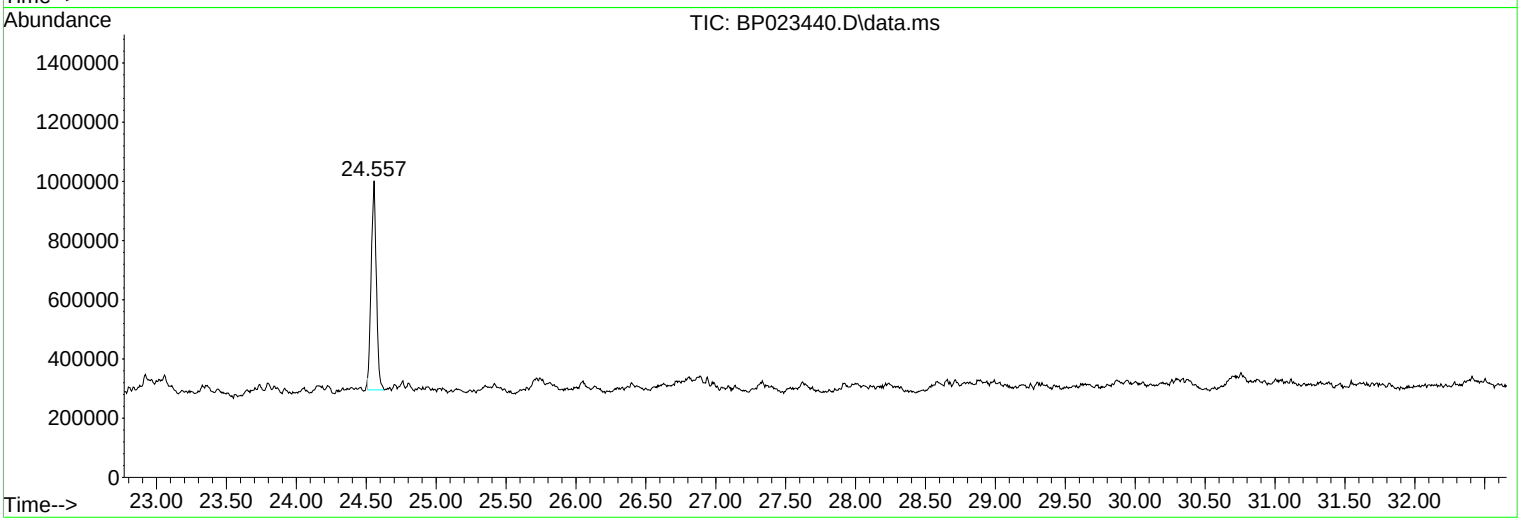
Instrument :
BNA_P
ClientSampleId :
AR1242 50PPM

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\BP121624\
Data File : BP023440.D
Acq On : 16 Dec 2024 19:10
Operator : RC/JU
Sample : AR1242 50PPM
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AR1242 50PPM

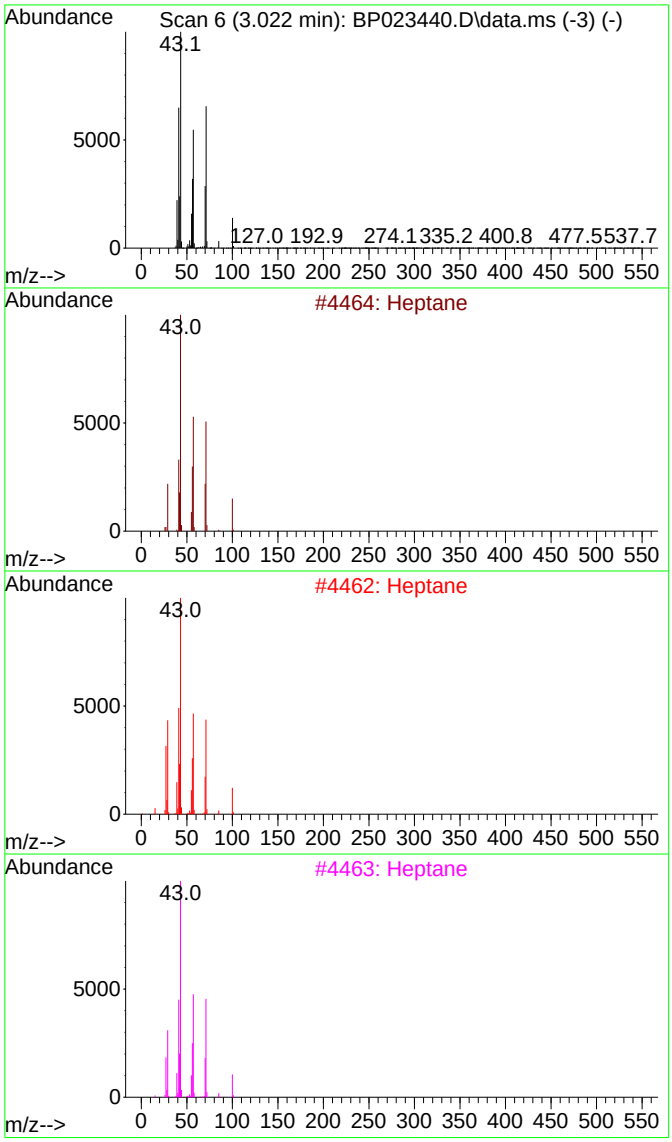
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION

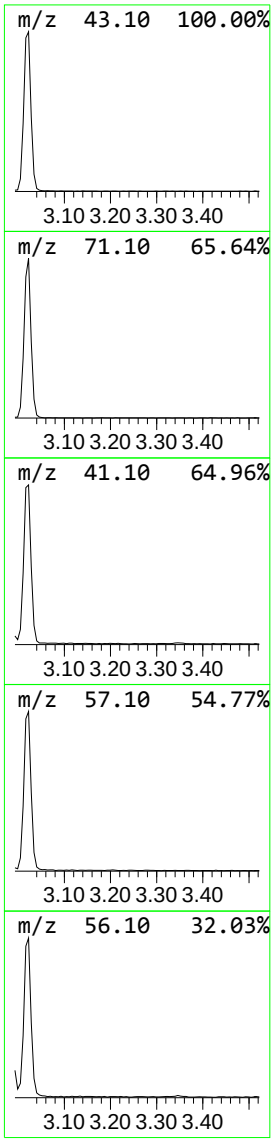
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.022	24.16 ng/ul	1191660	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	86
5	Hexane, 3-methyl-	100	C7H16	000589-34-4	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121624\
Data File : BP023440.D
Acq On : 16 Dec 2024 19:10
Operator : RC/JU
Sample : AR1242 50PPM
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AR1242 50PPM

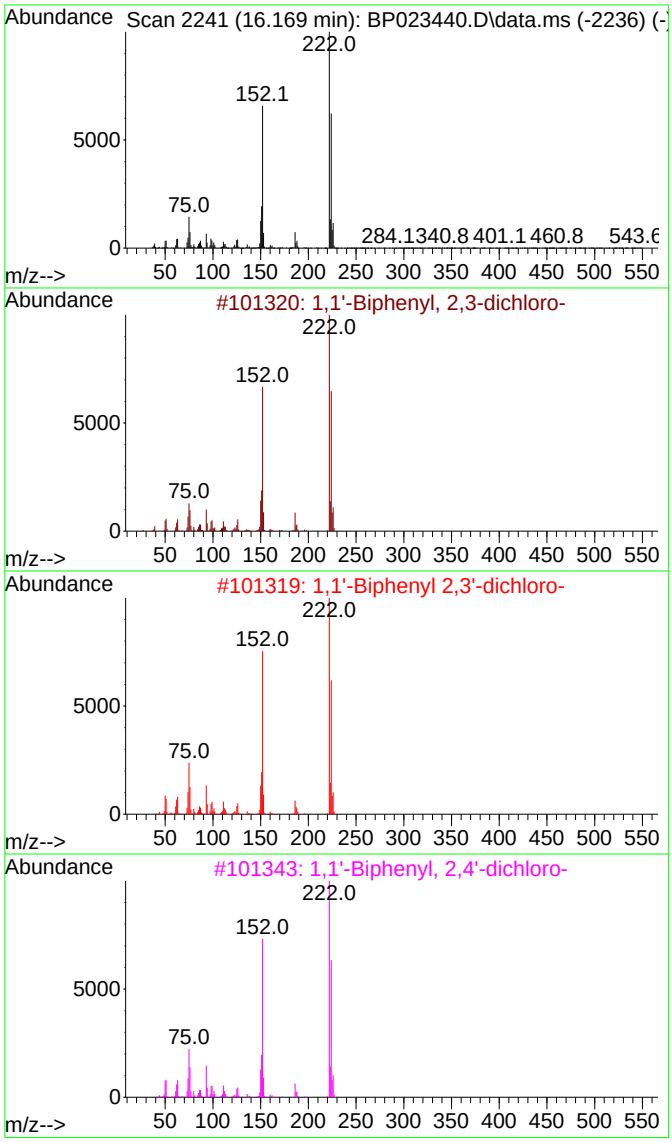
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION

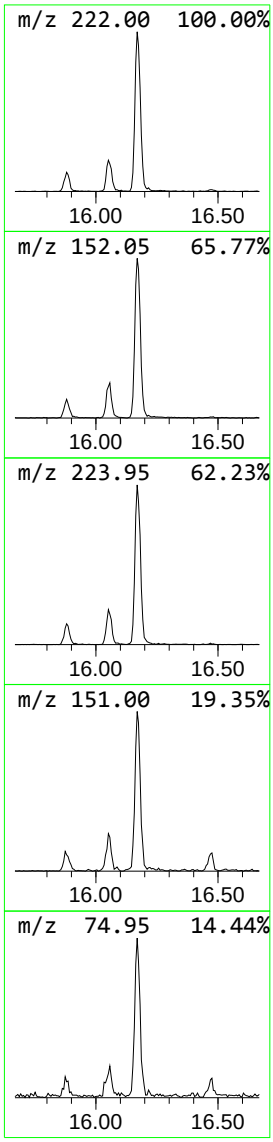
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.169	2.62 ng/ul	280710	Phenanthrene-d10	16.951

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3-dichloro-	222	C12H8Cl2	016605-91-7	97
2	1,1'-Biphenyl 2,3'-dichloro-	222	C12H8Cl2	025569-80-6	97
3	1,1'-Biphenyl, 2,4'-dichloro-	222	C12H8Cl2	034883-43-7	97
4	1,1'-Biphenyl, 2,4'-dichloro-	222	C12H8Cl2	034883-43-7	97
5	1,1'-Biphenyl, 2,3-dichloro-	222	C12H8Cl2	016605-91-7	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121624\
Data File : BP023440.D
Acq On : 16 Dec 2024 19:10
Operator : RC/JU
Sample : AR1242 50PPM
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AR1242 50PPM

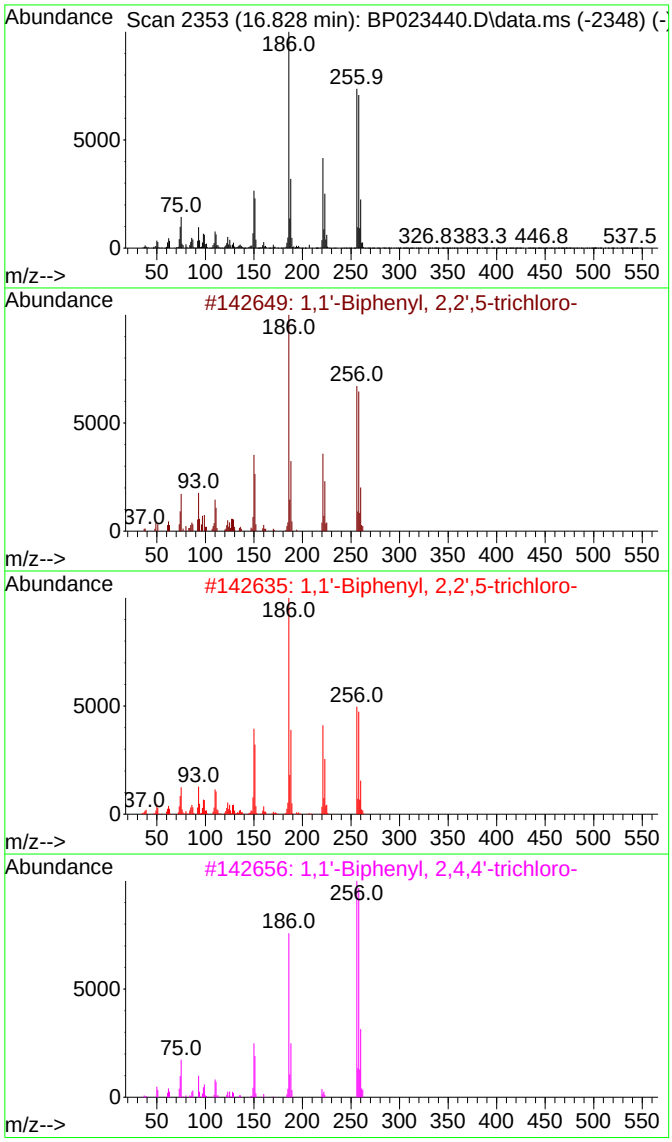
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION

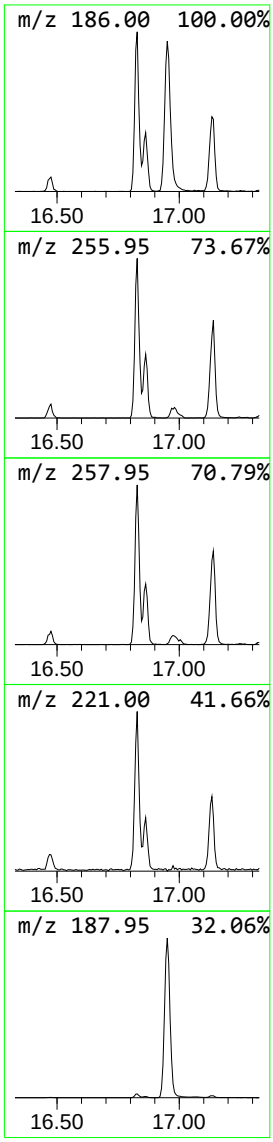
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.828	3.28 ng/ul	352087	Phenanthrene-d10	16.951

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	98
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 : BP023440.D
Acq On : 16 Dec 2024 19:10
Operator : RC/JU
Sample : AR1242 50PPM
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AR1242 50PPM

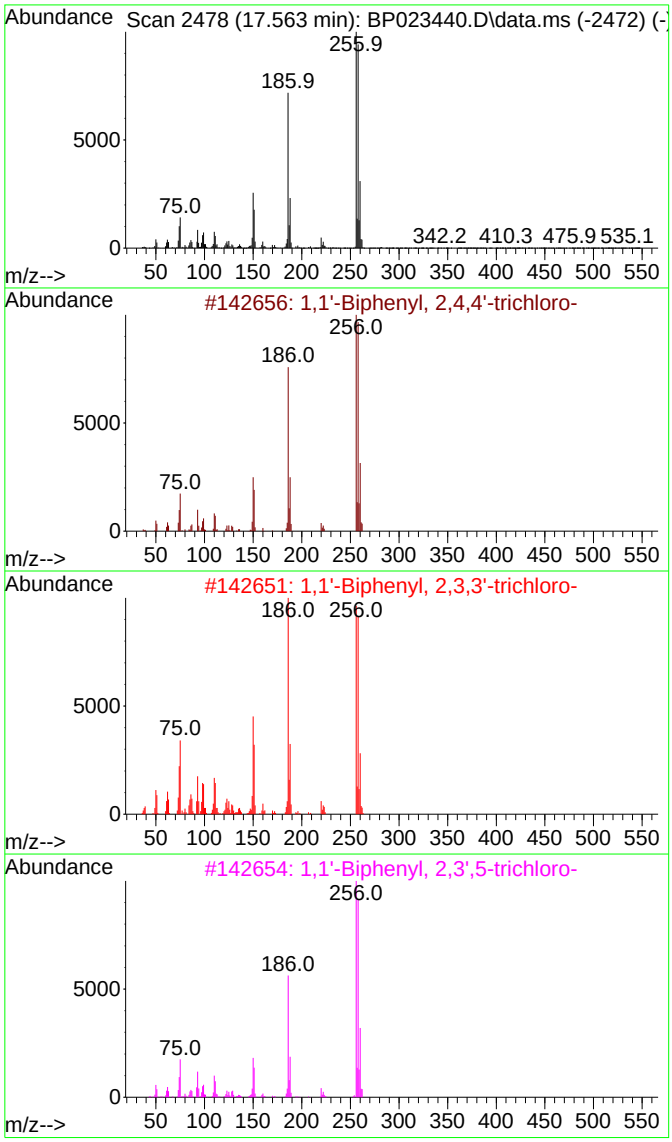
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION

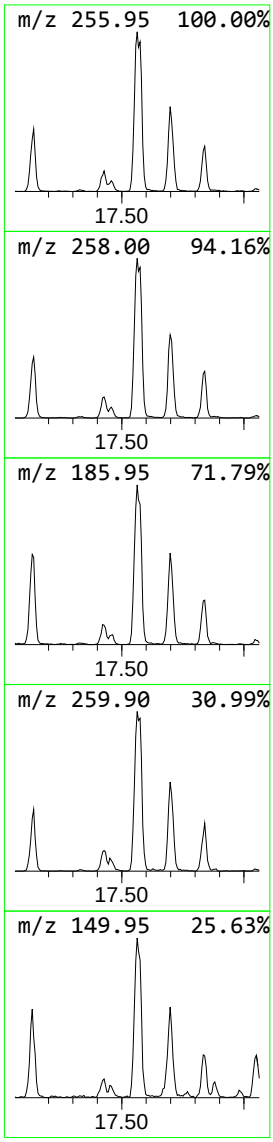
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.563	5.35 ng/ul	574066	Phenanthrene-d10	16.951

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, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99
5	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	99





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Data File : BP023440.D
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Operator : RC/JU
Sample : AR1242 50PPM
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AR1242 50PPM

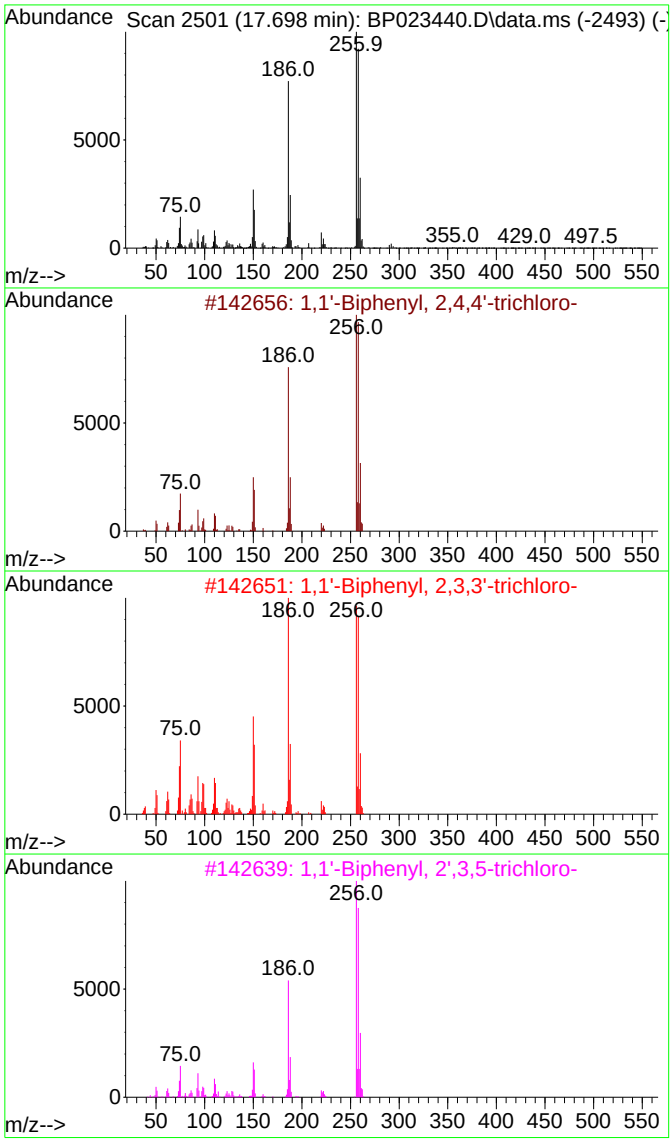
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION

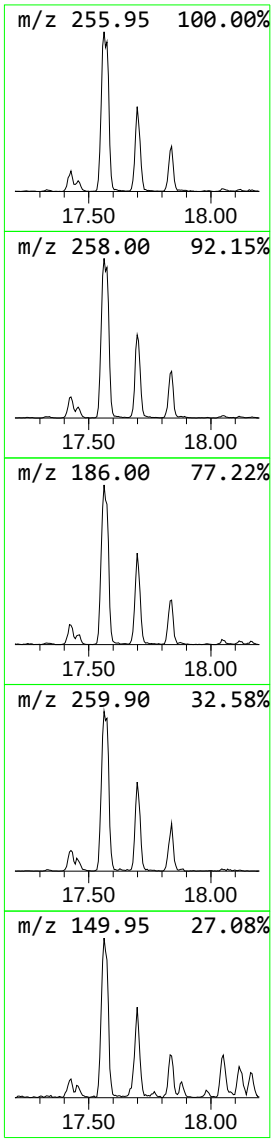
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.698	2.37 ng/ul	253943	Phenanthrene-d10	16.951

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	037680-68-5	99
4	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	99
5	1,1'-Biphenyl, 3,3',5-trichloro-	256	C12H7Cl3	038444-87-0	98





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121624\
Data File : BP023440.D
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Misc :
ALS Vial : 13 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
(DEL) Alkane: S...	3.022	24.2	ng/ul	1191660	1	7.534	986266	20.0
1,1'-Biphenyl, ...	16.169	2.6	ng/ul	280710	4	16.951	2144910	20.0
1,1'-Biphenyl, ...	16.828	3.3	ng/ul	352087	4	16.951	2144910	20.0
1,1'-Biphenyl, ...	17.563	5.3	ng/ul	574066	4	16.951	2144910	20.0
1,1'-Biphenyl, ...	17.698	2.4	ng/ul	253943	4	16.951	2144910	20.0