LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082924\
Data File : BP021724.D
Acq On : 29 Aug 2024 16:05
Operator : RC/JU
Sample : AR1242 50PPM
Misc : GCMS confirmation
ALS Vial : 11 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-BP082324.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP021724.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.040	6	9	15	rVB	898522	994399	22.69%	3.007%
2	3.123	16	23	26	rVV2	590740	714922	16.31%	2.162%
3	3.152	26	28	30	rVV	328146	351924	8.03%	1.064%
4	3.175	30	32	35	rVV	490732	500591	11.42%	1.514%
5	3.211	35	38	46	rVB	2525909	2731630	62.33%	8.261%
6	3.552	92	96	108	rVB	30357	46671	1.06%	0.141%
7	4.017	171	175	183	rVB	29228	40537	0.92%	0.123%
8	4.152	195	198	201	rBV4	6064	5851	0.13%	0.018%
9	4.205	204	207	214	rVB4	8496	10952	0.25%	0.033%
10	4.352	230	232	237	rVB6	5530	6066	0.14%	0.018%
11	4.664	281	285	290	rBV5	6572	7952	0.18%	0.024%
12	5.269	384	388	393	rVB8	3506	5649	0.13%	0.017%
13	7.793	808	817	830	rBV	1605751	2672691	60.98%	8.083%
14	7.899	834	835	842	rVB6	3820	6480	0.15%	0.020%
15	10.575	1281	1290	1306	rBV	1896979	3351564	76.47%	10.136%
16	14.434	1938	1946	1962	rBV	2652224	4051745	92.44%	12.254%
17	14.563	1963	1968	1974	rVB	24835	45259	1.03%	0.137%
18	15.387	2104	2108	2113	rBV5	6715	12243	0.28%	0.037%
19	15.710	2152	2163	2168	rBV	168315	249055	5.68%	0.753%
20	16.163	2234	2240	2247	rBV	39733	62830	1.43%	0.190%
21	16.339	2263	2270	2277	rBV	68088	107750	2.46%	0.326%
22	16.451	2282	2289	2303	rVV	328683	508487	11.60%	1.538%
23	16.763	2335	2342	2347	rVB2	42047	66137	1.51%	0.200%
24	17.016	2380	2385	2390	rBV4	6208	10767	0.25%	0.033%
25	17.116	2395	2402	2406	rBV	352807	601244	13.72%	1.818%
26	17.157	2406	2409	2416	rVB2	132950	203951	4.65%	0.617%
27	17.239	2416	2423	2436	rBV	2552483	4382873	100.00%	13.255%
28	17.416	2445	2453	2463	rBV2	200749	363923	8.30%	1.101%
29	17.704	2497	2502	2507	rBV3	52383	99800	2.28%	0.302%
30	17.863	2522	2529	2538	rBV2	436723	925239	21.11%	2.798%
31	17.981	2543	2549	2558	rVV2	257982	417732	9.53%	1.263%
32	18.057	2559	2562	2567	rVB7	9947	17478	0.40%	0.053%
33	18.122	2567	2573	2579	rBV	114631	184612	4.21%	0.558%
34	18.181	2579	2583	2590	rVB2	47200	70744	1.61%	0.214%
35	18.286	2596	2601	2605	rBV6	35853	55634	1.27%	0.168%
36	18.339	2605	2610	2617	rVV	155764	250309	5.71%	0.757%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082924\
Data File : BP021724.D
Acq On : 29 Aug 2024 16:05
Operator : RC/JU
Sample : AR1242 50PPM
Misc : GCMS confirmation
ALS Vial : 11 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-BP082324.MA.M
Title : SVOA CALIBRATION

37	18.410	2617	2622	2626	rVV	109437	175170	4.00%	0.530%
38	18.457	2626	2630	2639	rVB	101083	153756	3.51%	0.465%
39	18.633	2655	2660	2666	rBV	161296	251860	5.75%	0.762%
40	18.686	2666	2669	2674	rVV2	54944	73769	1.68%	0.223%
41	18.745	2675	2679	2683	rVV2	70813	105401	2.40%	0.319%
42	18.786	2683	2686	2689	rVV3	50099	66926	1.53%	0.202%
43	18.822	2689	2692	2699	rVB	115645	157042	3.58%	0.475%
44	18.922	2705	2709	2714	rVB5	34408	51073	1.17%	0.154%
45	19.145	2742	2747	2751	rBV2	80800	125583	2.87%	0.380%
46	19.198	2751	2756	2759	rVV	161390	252164	5.75%	0.763%
47	19.233	2759	2762	2768	rVB2	154210	217039	4.95%	0.656%
48	19.457	2795	2800	2806	rBV3	78946	168413	3.84%	0.509%
49	19.516	2807	2810	2815	rVV6	43426	64158	1.46%	0.194%
50	19.581	2819	2821	2824	rVB4	22857	21756	0.50%	0.066%
51	19.980	2886	2889	2893	rVB5	31357	43047	0.98%	0.130%
52	21.686	3172	3179	3189	rBV	1790586	3404456	77.68%	10.296%
53	25.092	3749	3758	3770	rVB	1343373	3598143	82.10%	10.882%

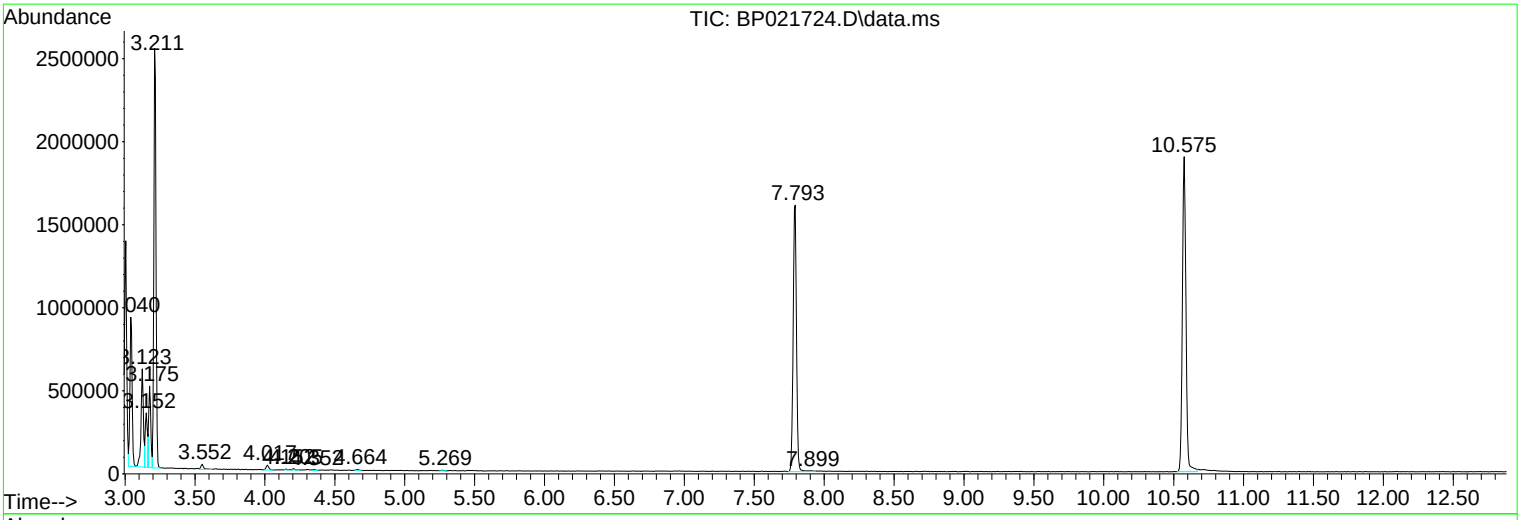
Sum of corrected areas: 33065447

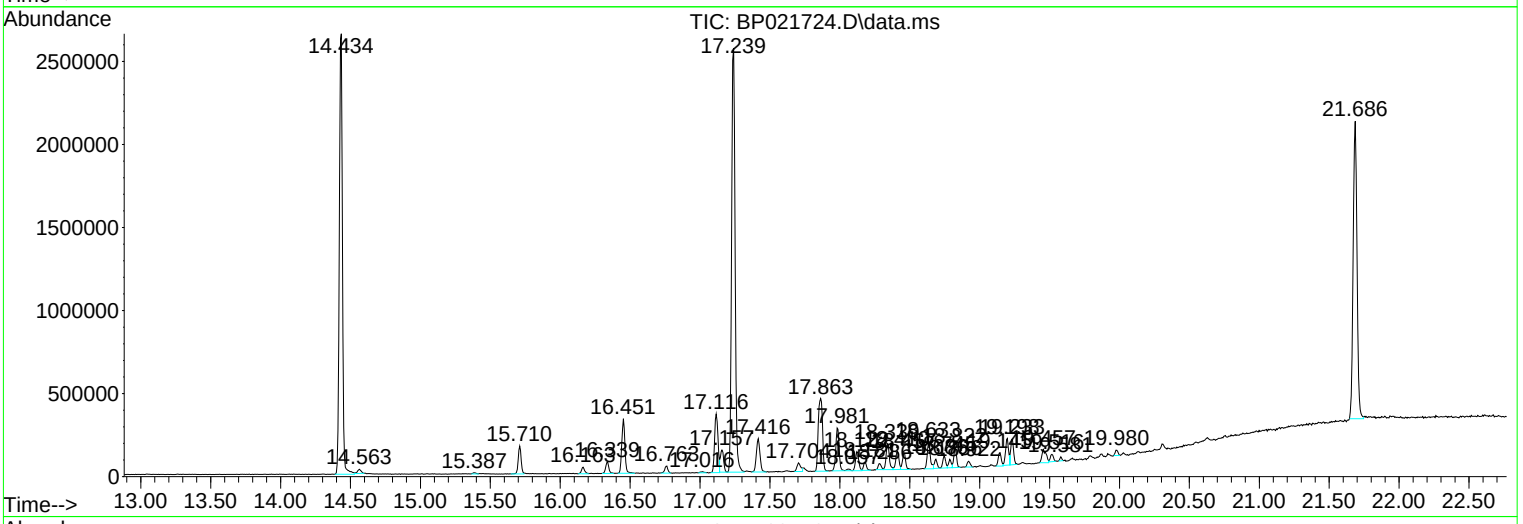
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082924\
Data File : BP021724.D
Acq On : 29 Aug 2024 16:05
Operator : RC/JU
Sample : AR1242 50PPM
Misc : GCMS confirmation
ALS Vial : 11 Sample Multiplier: 1

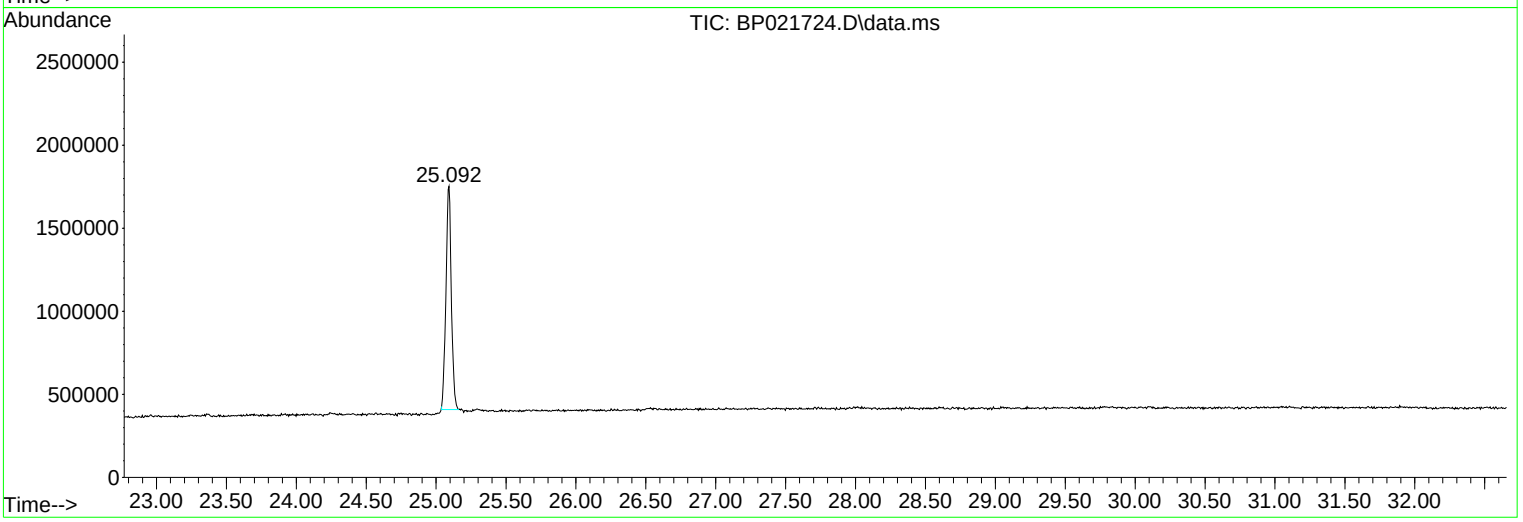
Instrument :
BNA_P
ClientSampleId :
AR1242 50PPM

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082324.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\BP082924\
Data File : BP021724.D
Acq On : 29 Aug 2024 16:05
Operator : RC/JU
Sample : AR1242 50PPM
Misc : GCMS confirmation
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AR1242 50PPM

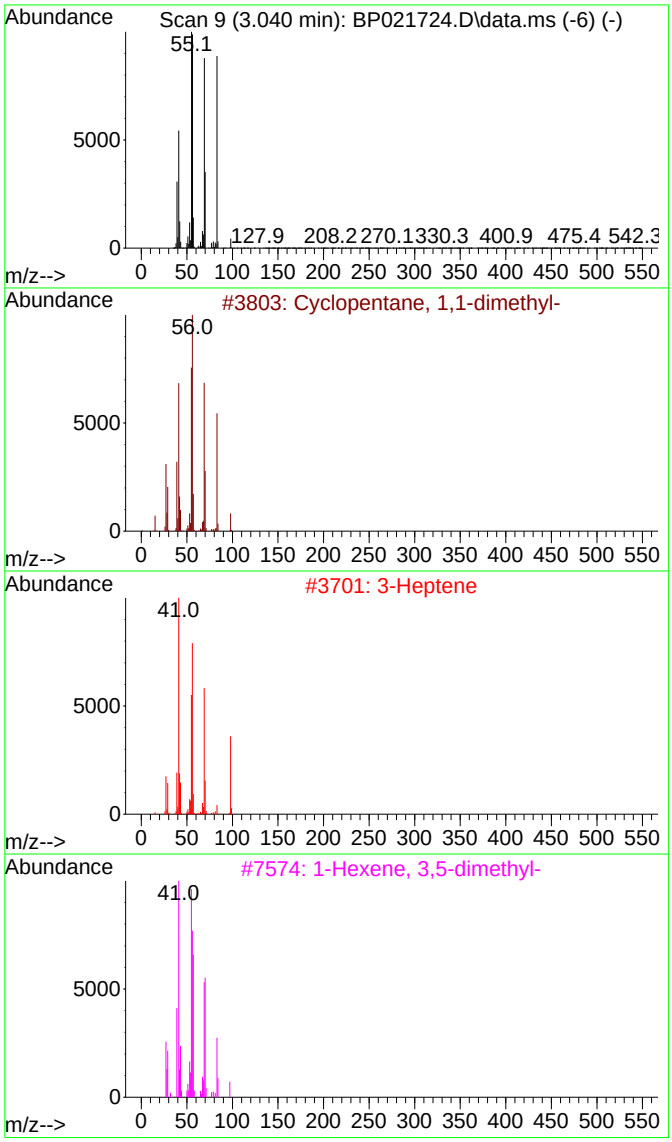
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082324.MA.M
Quant Title : SVOA CALIBRATION

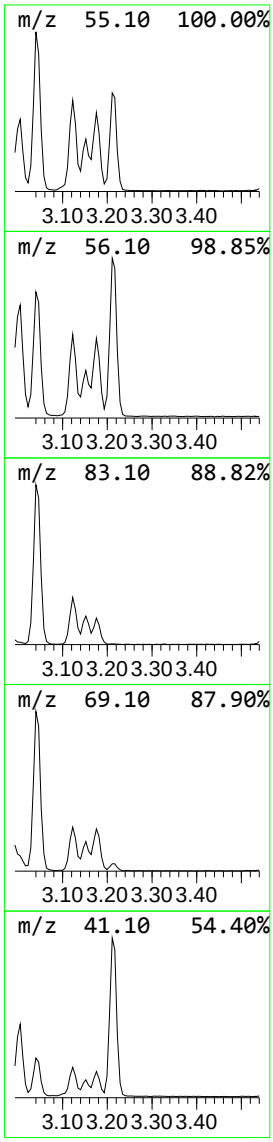
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Cyclic3.040 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.040	7.44 ng/ul	994399	1,4-Dichlorobenzene-d4	7.793

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	83
2	3-Heptene	98	C7H14	000592-78-9	68
3	1-Hexene, 3,5-dimethyl-	112	C8H16	007423-69-0	56
4	2-Heptene	98	C7H14	000592-77-8	53
5	1-Hexene, 3-methyl-	98	C7H14	003404-61-3	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082924\
Data File : BP021724.D
Acq On : 29 Aug 2024 16:05
Operator : RC/JU
Sample : AR1242 50PPM
Misc : GCMS confirmation
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AR1242 50PPM

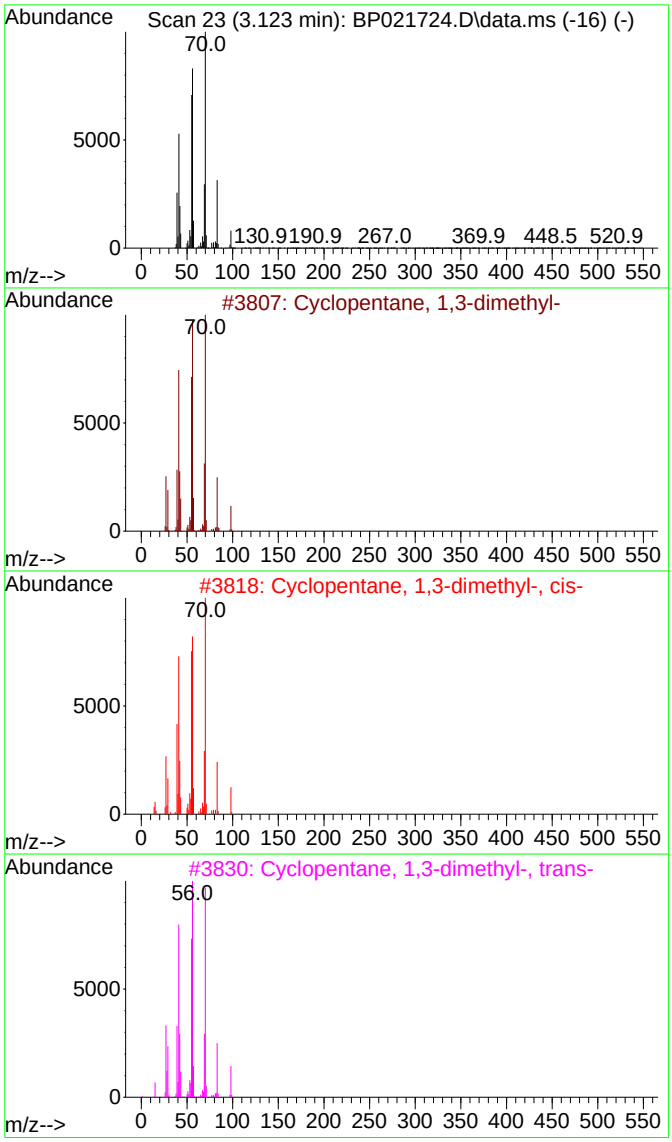
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082324.MA.M
Quant Title : SVOA CALIBRATION

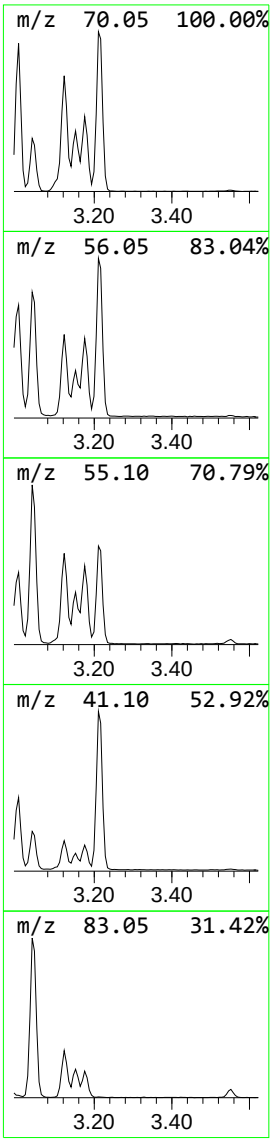
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Cyclic3.123 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.123	5.35 ng/ul	714922	1,4-Dichlorobenzene-d4	7.793

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	95
2	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	91
3	Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	91
4	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	86
5	Cyclobutanone, 2,2-dimethyl-	98	C6H10O	001192-14-9	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082924\
Data File : BP021724.D
Acq On : 29 Aug 2024 16:05
Operator : RC/JU
Sample : AR1242 50PPM
Misc : GCMS confirmation
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AR1242 50PPM

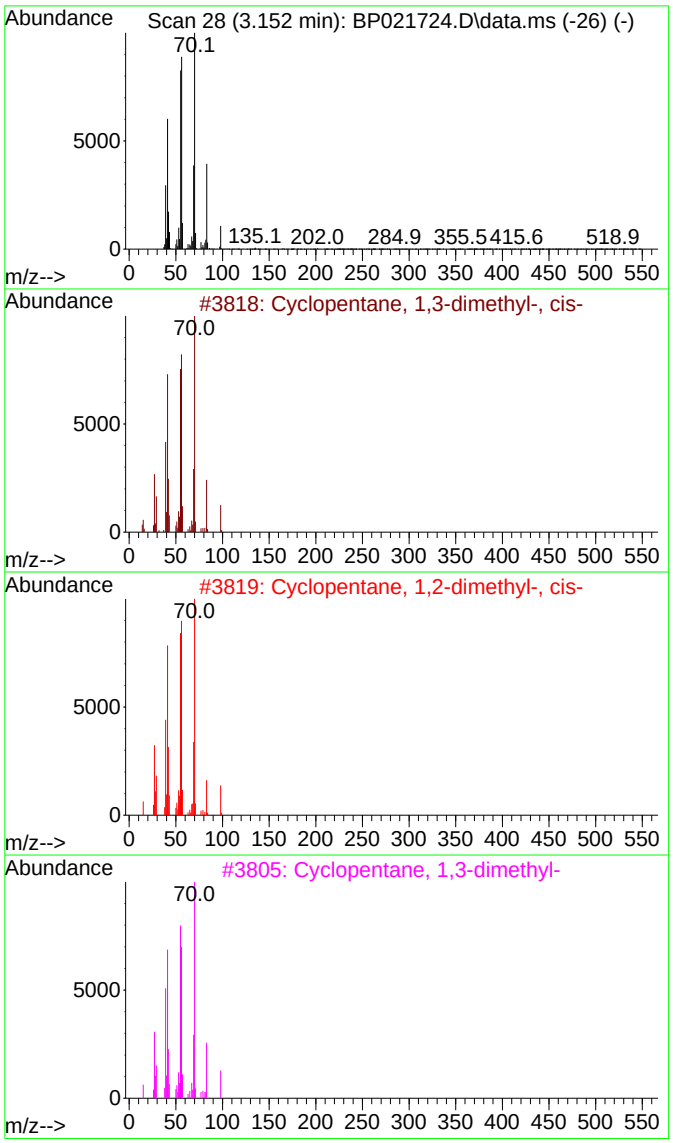
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082324.MA.M
Quant Title : SVOA CALIBRATION

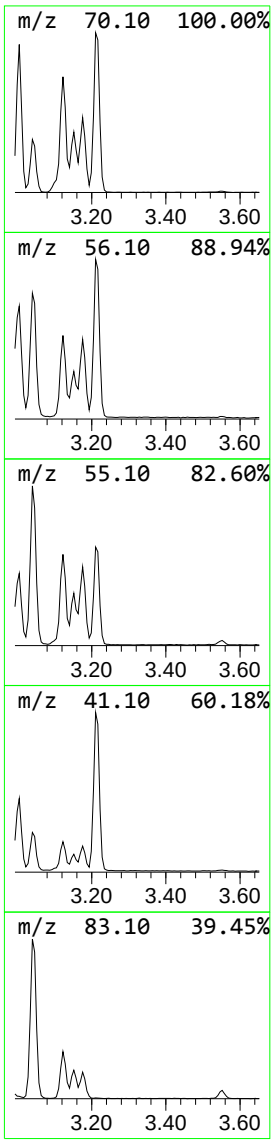
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Cyclic3.152 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.152	2.63 ng/ul	351924	1,4-Dichlorobenzene-d4	7.793

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	90
2	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	87
3	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	87
4	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	83
5	Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082924\
Data File : BP021724.D
Acq On : 29 Aug 2024 16:05
Operator : RC/JU
Sample : AR1242 50PPM
Misc : GCMS confirmation
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AR1242 50PPM

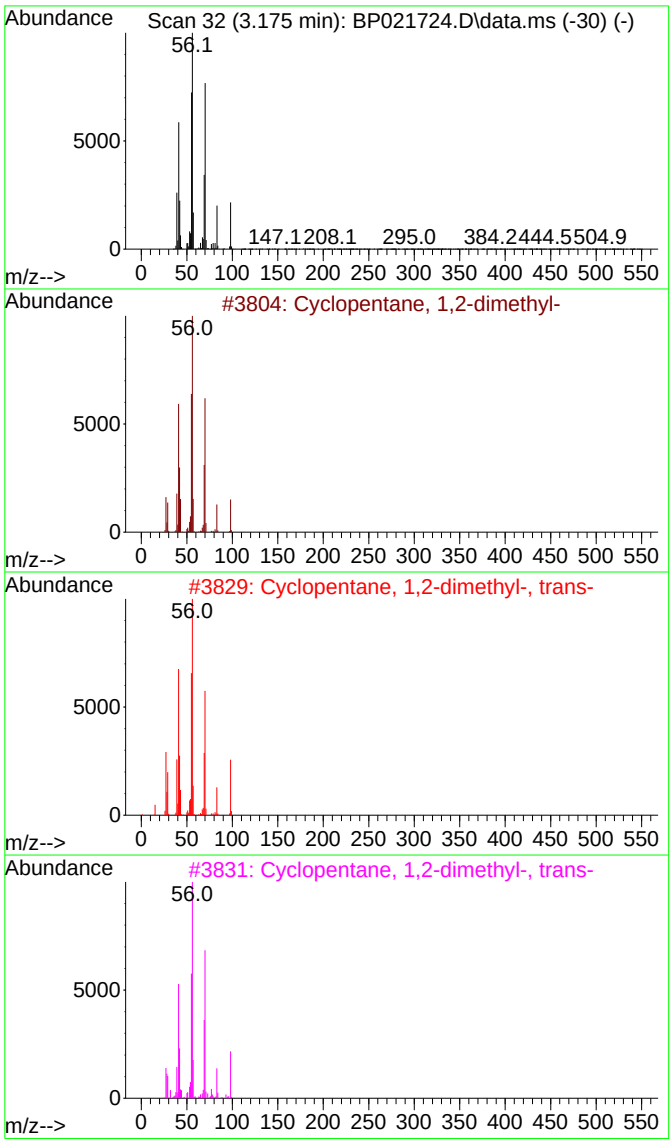
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082324.MA.M
Quant Title : SVOA CALIBRATION

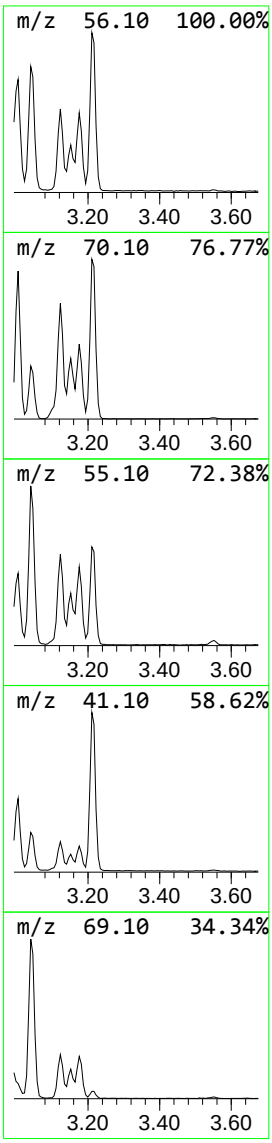
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Cyclic3.175 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.175	3.75 ng/ul	500591	1,4-Dichlorobenzene-d4	7.793

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	94
2	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	91
3	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	90
4	Isopropylcyclobutane	98	C7H14	000872-56-0	90
5	Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082924\
Data File : BP021724.D
Acq On : 29 Aug 2024 16:05
Operator : RC/JU
Sample : AR1242 50PPM
Misc : GCMS confirmation
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AR1242 50PPM

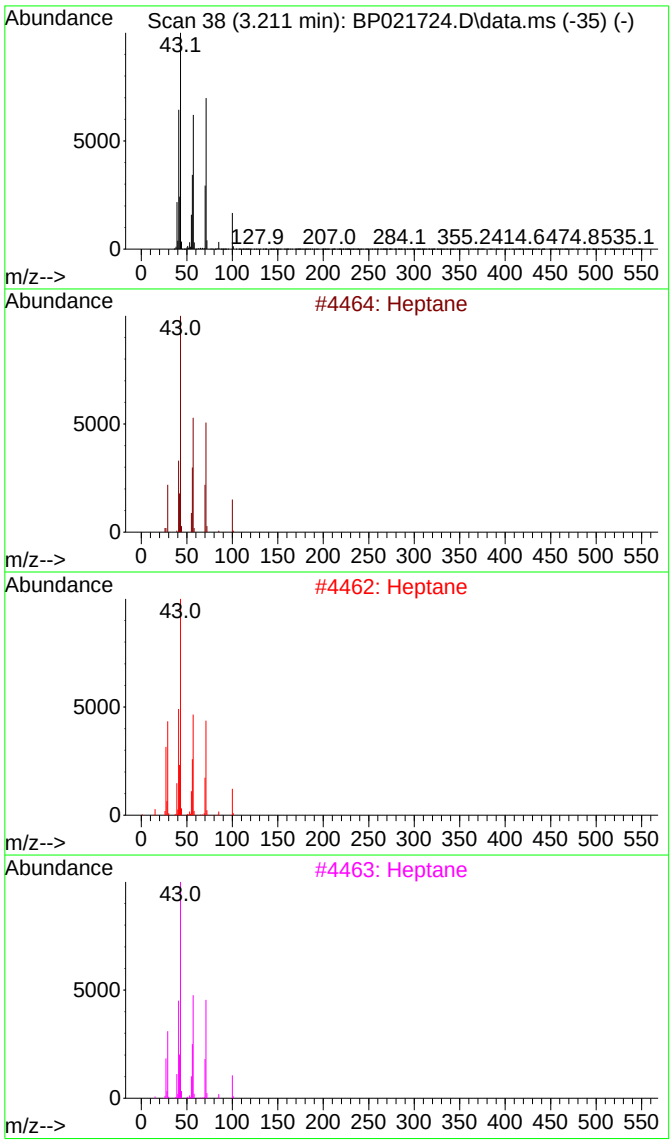
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082324.MA.M
Quant Title : SVOA CALIBRATION

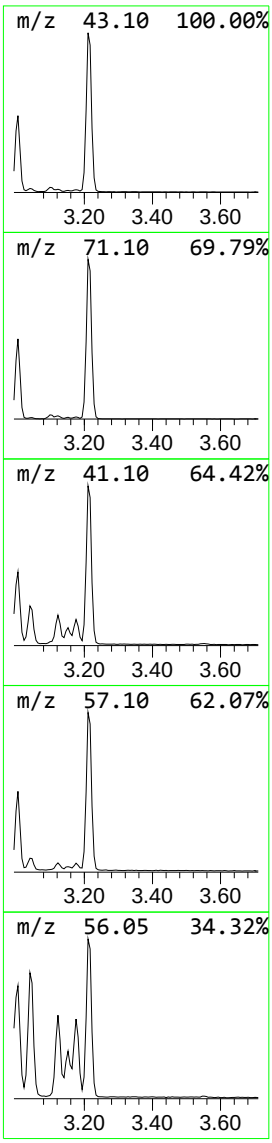
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.211	20.44 ng/ul	2731630	1,4-Dichlorobenzene-d4	7.793

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	Pentane, 2-methyl-	86	C6H14	000107-83-5	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082924\
Data File : BP021724.D
Acq On : 29 Aug 2024 16:05
Operator : RC/JU
Sample : AR1242 50PPM
Misc : GCMS confirmation
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AR1242 50PPM

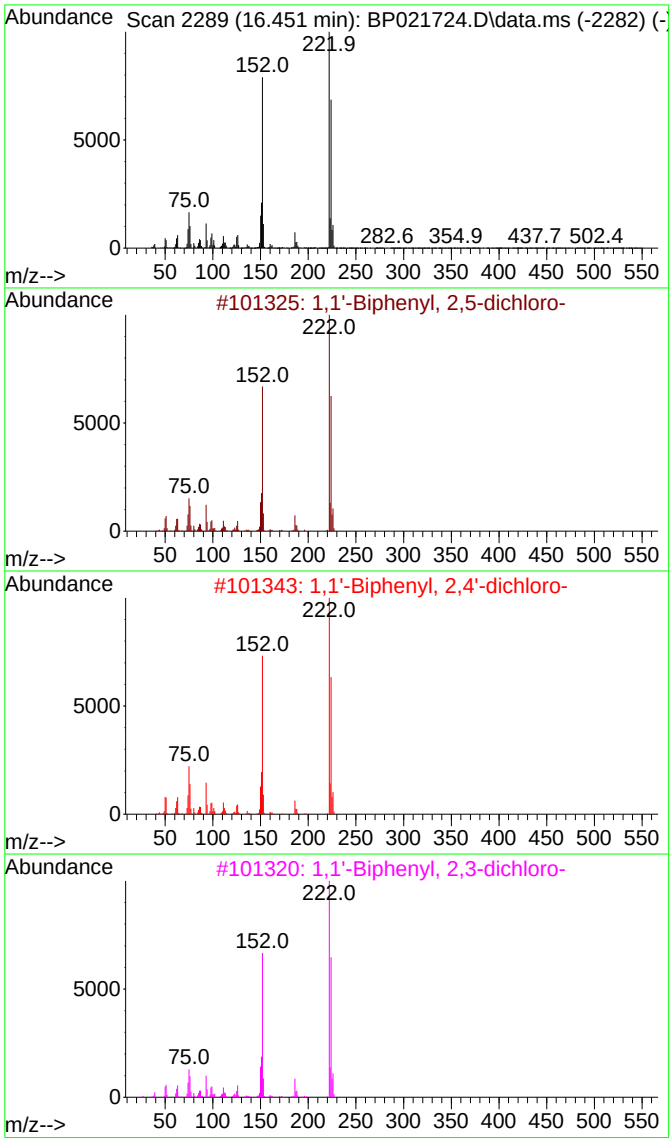
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082324.MA.M
Quant Title : SVOA CALIBRATION

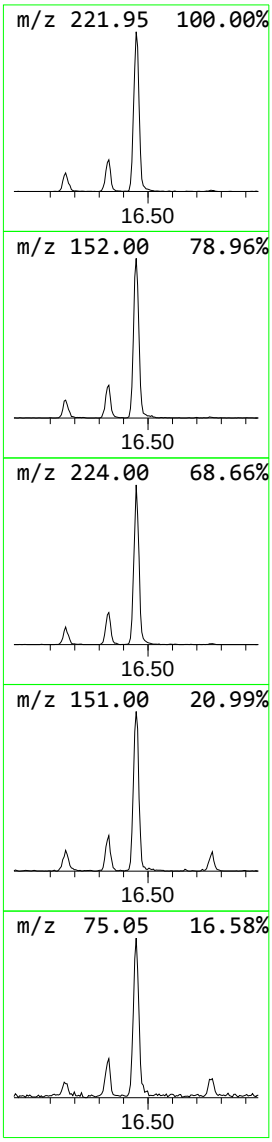
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1,1'-Biphenyl, 2,5-dichloro- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.451	2.32 ng/ul	508487	Phenanthrene-d10	17.240

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, 2,4'-dichloro-	222	C12H8Cl2	034883-43-7	99
3	1,1'-Biphenyl, 2,3-dichloro-	222	C12H8Cl2	016605-91-7	99
4	1,1'-Biphenyl, 3,4'-dichloro-	222	C12H8Cl2	002974-90-5	99
5	1,1'-Biphenyl, 3,3'-dichloro-	222	C12H8Cl2	002050-67-1	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082924\
Data File : BP021724.D
Acq On : 29 Aug 2024 16:05
Operator : RC/JU
Sample : AR1242 50PPM
Misc : GCMS confirmation
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AR1242 50PPM

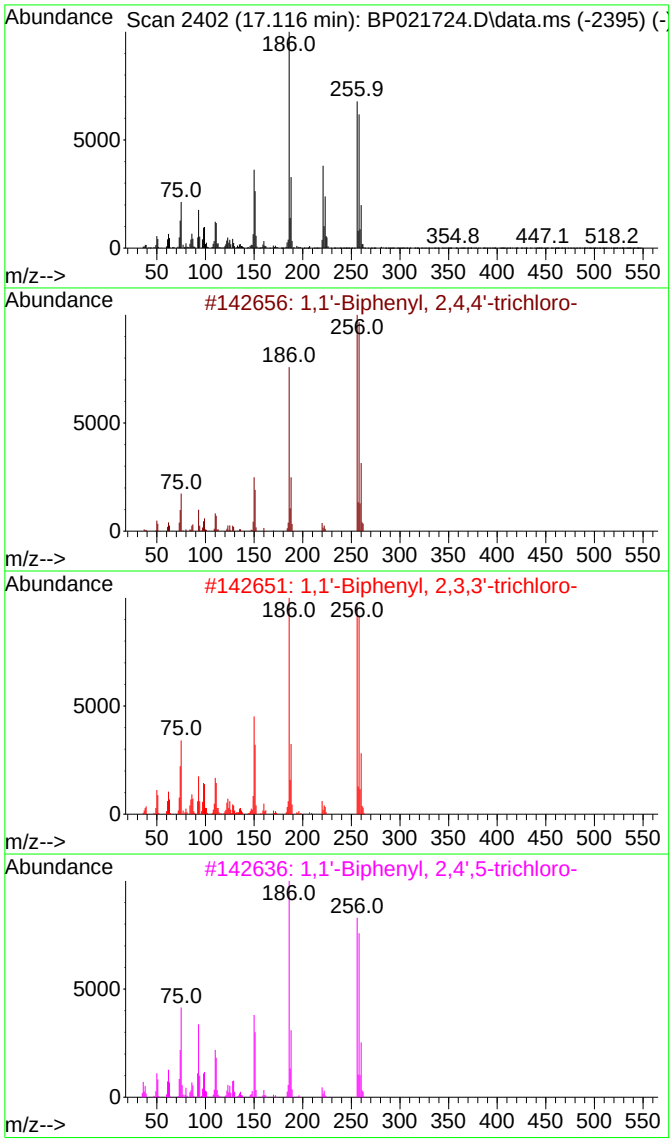
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082324.MA.M
Quant Title : SVOA CALIBRATION

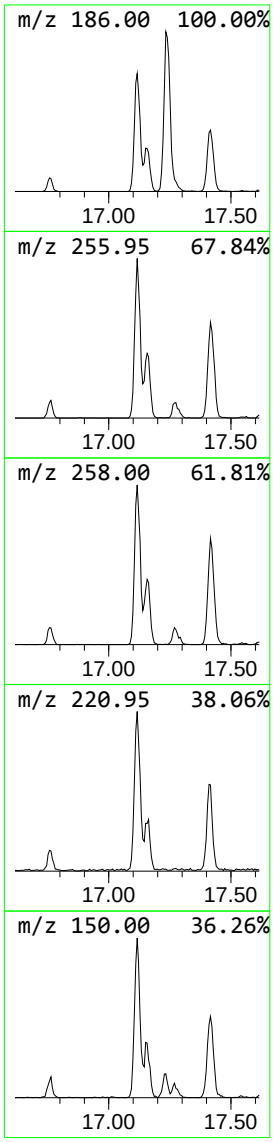
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.116	2.74 ng/ul	601244	Phenanthrene-d10	17.240

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, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	99
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\BP082924\
Data File : BP021724.D
Acq On : 29 Aug 2024 16:05
Operator : RC/JU
Sample : AR1242 50PPM
Misc : GCMS confirmation
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AR1242 50PPM

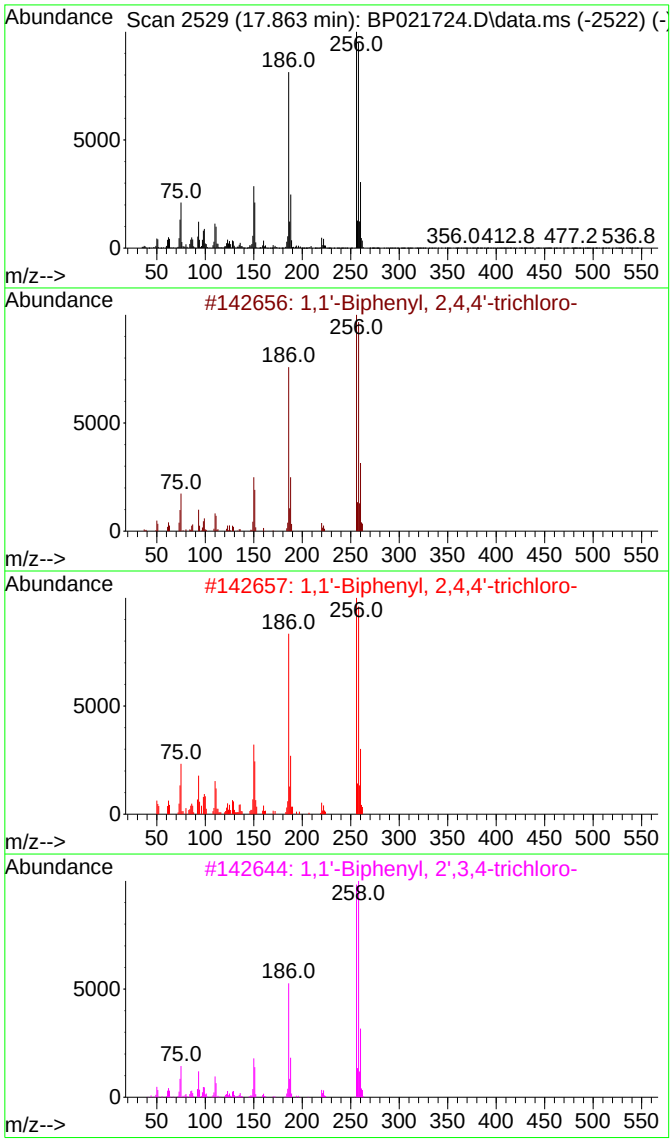
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082324.MA.M
Quant Title : SVOA CALIBRATION

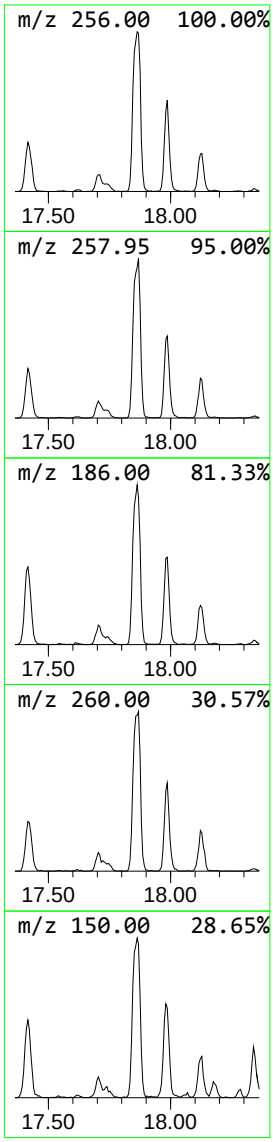
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.863	4.22 ng/ul	925239	Phenanthrene-d10	17.240

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	038444-86-9	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\BP082924\
Data File : BP021724.D
Acq On : 29 Aug 2024 16:05
Operator : RC/JU
Sample : AR1242 50PPM
Misc : GCMS confirmation
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AR1242 50PPM

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082324.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: C...	3.040	7.4	ng/ul	994399	1	7.793	2672690	20.0
(DEL) Alkane: C...	3.123	5.3	ng/ul	714922	1	7.793	2672690	20.0
(DEL) Alkane: C...	3.152	2.6	ng/ul	351924	1	7.793	2672690	20.0
(DEL) Alkane: C...	3.175	3.8	ng/ul	500591	1	7.793	2672690	20.0
(DEL) Alkane: S...	3.211	20.4	ng/ul	2731630	1	7.793	2672690	20.0
1,1'-Biphenyl, ...	16.451	2.3	ng/ul	508487	4	17.240	4382870	20.0
1,1'-Biphenyl, ...	17.116	2.7	ng/ul	601244	4	17.240	4382870	20.0
1,1'-Biphenyl, ...	17.863	4.2	ng/ul	925239	4	17.240	4382870	20.0