LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070124\
Data File : BG061819.D
Acq On : 1 Jul 2024 19:31
Operator : MA/JU
Sample : AR1254 50PPM
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
AR1254 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_G\Methods\SFAM-EPA-BG062024.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BG061819.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.335	6	8	11	rVB	108589	110828	9.31%	1.633%
2	3.376	11	15	25	rVB	672820	772718	64.95%	11.386%
3	3.523	36	40	43	rBV3	2590	3727	0.31%	0.055%
4	3.722	72	74	77	rVB2	6603	5297	0.45%	0.078%
5	3.928	105	109	110	rBV2	3145	3323	0.28%	0.049%
6	4.057	128	131	133	rBV	3189	3075	0.26%	0.045%
7	4.204	153	156	159	rVB3	5588	5438	0.46%	0.080%
8	4.809	257	259	264	rBV	2158	3944	0.33%	0.058%
9	5.062	299	302	306	rBV	2451	3164	0.27%	0.047%
10	5.133	311	314	315	rBV	2969	3355	0.28%	0.049%
11	5.420	361	363	367	rBV2	2578	3066	0.26%	0.045%
12	5.826	431	432	436	rBV	3492	3798	0.32%	0.056%
13	7.054	639	641	644	rBV2	2899	3286	0.28%	0.048%
14	7.688	747	749	751	rVB	3302	3068	0.26%	0.045%
15	7.718	751	754	756	rBV	3063	4090	0.34%	0.060%
16	8.053	803	811	818	rBV	317588	534972	44.96%	7.883%
17	8.182	830	833	836	rBV2	3023	3803	0.32%	0.056%
18	9.040	977	979	981	rBV2	4426	3124	0.26%	0.046%
19	9.745	1097	1099	1103	rVB	2896	3155	0.27%	0.046%
20	10.009	1140	1144	1145	rBV	3288	3522	0.30%	0.052%
21	10.691	1257	1260	1261	rBV	2978	3668	0.31%	0.054%
22	10.867	1281	1290	1297	rBV	418846	760699	63.94%	11.209%
23	12.682	1595	1599	1604	rBV2	2511	4715	0.40%	0.069%
24	12.729	1604	1607	1609	rBV2	5791	4600	0.39%	0.068%
25	13.247	1694	1695	1698	rVB2	3974	3107	0.26%	0.046%
26	13.276	1698	1700	1703	rBV	2763	3516	0.30%	0.052%
27	13.764	1778	1783	1786	rBV	3211	4391	0.37%	0.065%
28	14.010	1823	1825	1828	rBV	3582	3278	0.28%	0.048%
29	14.563	1917	1919	1924	rBV	3967	4038	0.34%	0.060%
30	14.621	1926	1929	1932	rBV	3658	4015	0.34%	0.059%
31	14.680	1932	1939	1946	rBV	621627	994566	83.59%	14.656%
32	15.068	2001	2005	2006	rBV	4818	4373	0.37%	0.064%
33	15.391	2057	2060	2062	rBV	3384	3189	0.27%	0.047%
34	15.708	2112	2114	2118	rBV2	3222	3417	0.29%	0.050%
35	15.914	2147	2149	2152	rBV	3673	3863	0.32%	0.057%
36	16.308	2214	2216	2217	rBV	3850	3586	0.30%	0.053%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070124\
Data File : BG061819.D
Acq On : 1 Jul 2024 19:31
Operator : MA/JU
Sample : AR1254 50PPM
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
AR1254 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_G\Methods\SFAM-EPA-BG062024.MA.M
Title : SVOA CALIBRATION

37	17.424	2400	2406	2414	rBV	795107	1189788	100.00%	17.532%
38	18.487	2583	2587	2593	rVB2	103777	130563	10.97%	1.924%
39	18.546	2594	2597	2601	rVB2	26576	28345	2.38%	0.418%
40	18.769	2632	2635	2639	rVB2	39365	44974	3.78%	0.663%
41	18.940	2662	2664	2669	rBV4	10559	13961	1.17%	0.206%
42	19.304	2722	2726	2727	rBV	68948	78673	6.61%	1.159%
43	19.610	2773	2778	2784	rVB2	187108	250940	21.09%	3.698%
44	19.674	2786	2789	2793	rVB5	56426	68567	5.76%	1.010%
45	19.945	2832	2835	2840	rVB3	72596	89910	7.56%	1.325%
46	20.050	2850	2853	2859	rVB2	170126	202354	17.01%	2.982%
47	20.362	2902	2906	2911	rVB2	125789	160919	13.53%	2.371%
48	20.585	2941	2944	2950	rVB3	76257	92662	7.79%	1.365%
49	21.684	3126	3131	3140	rVB2	667989	1144836	96.22%	16.870%

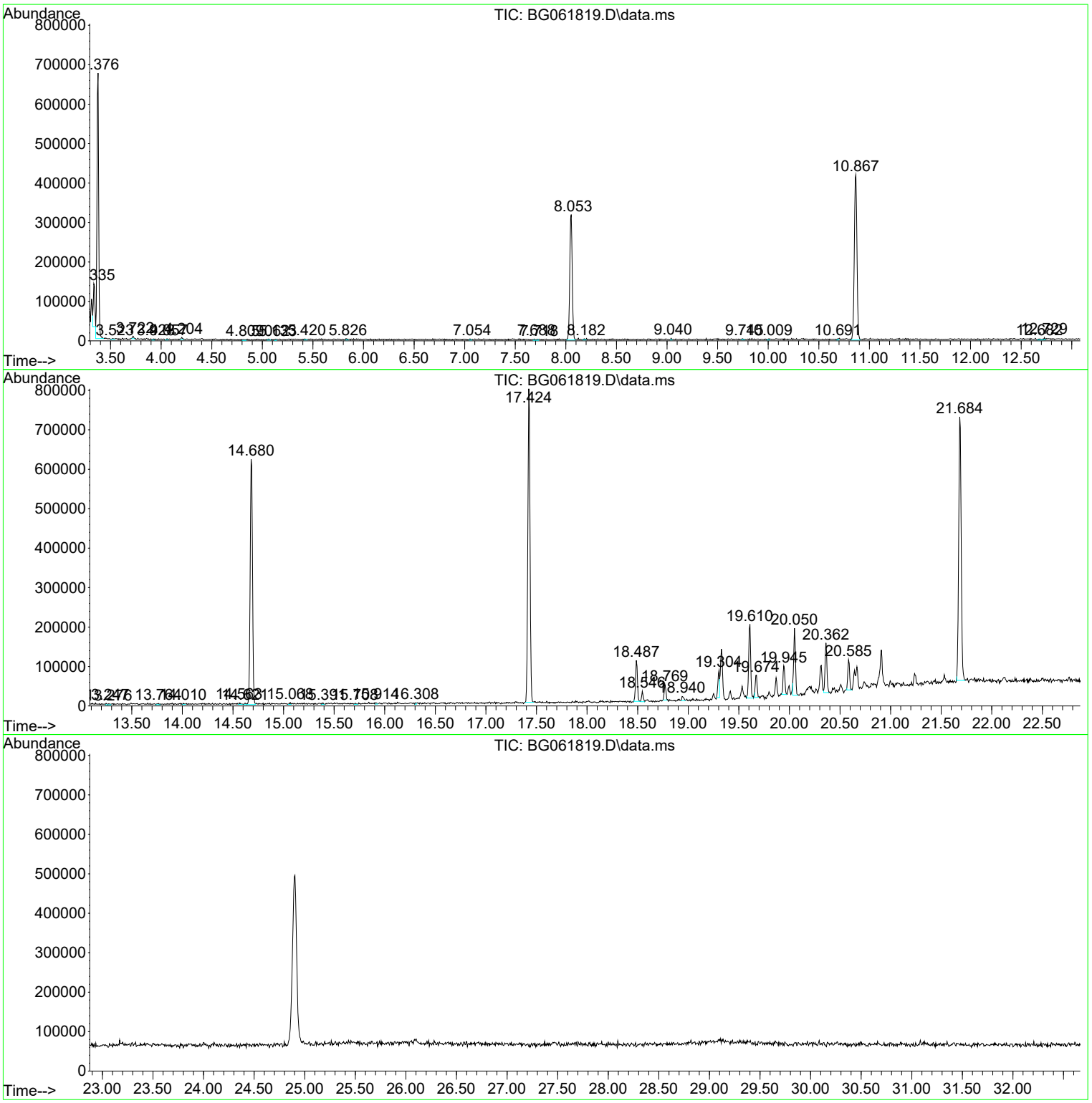
Sum of corrected areas: 6786266

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070124\
Data File : BG061819.D
Acq On : 1 Jul 2024 19:31
Operator : MA/JU
Sample : AR1254 50PPM
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
AR1254 50PPM

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070124\
Data File : BG061819.D
Acq On : 1 Jul 2024 19:31
Operator : MA/JU
Sample : AR1254 50PPM
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
AR1254 50PPM

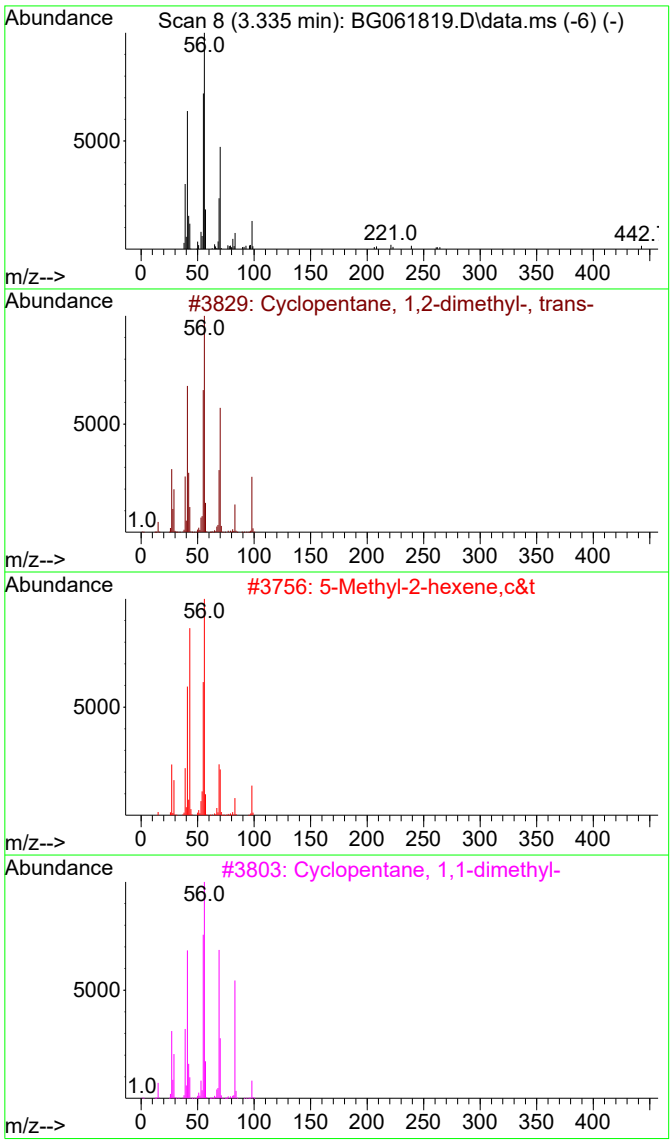
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION

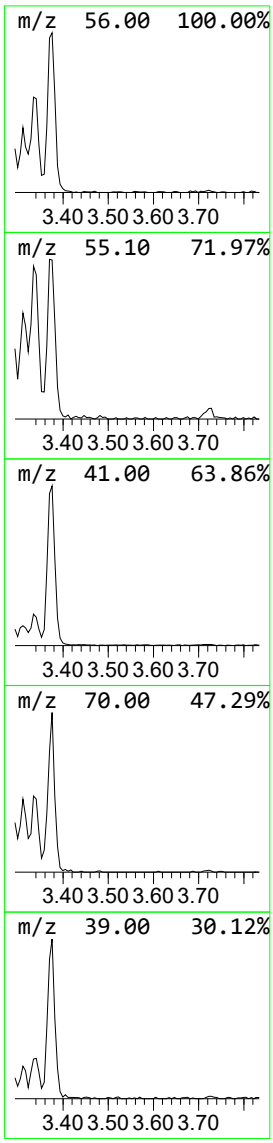
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Cyclic3.335 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.335	4.14 ng/ul	110828	1,4-Dichlorobenzene-d4	8.053

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	78
2	5-Methyl-2-hexene,c&t	98	C7H14	003404-62-4	72
3	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	72
4	1-Heptene	98	C7H14	000592-76-7	64
5	1-Heptene	98	C7H14	000592-76-7	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070124\
Data File : BG061819.D
Acq On : 1 Jul 2024 19:31
Operator : MA/JU
Sample : AR1254 50PPM
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
AR1254 50PPM

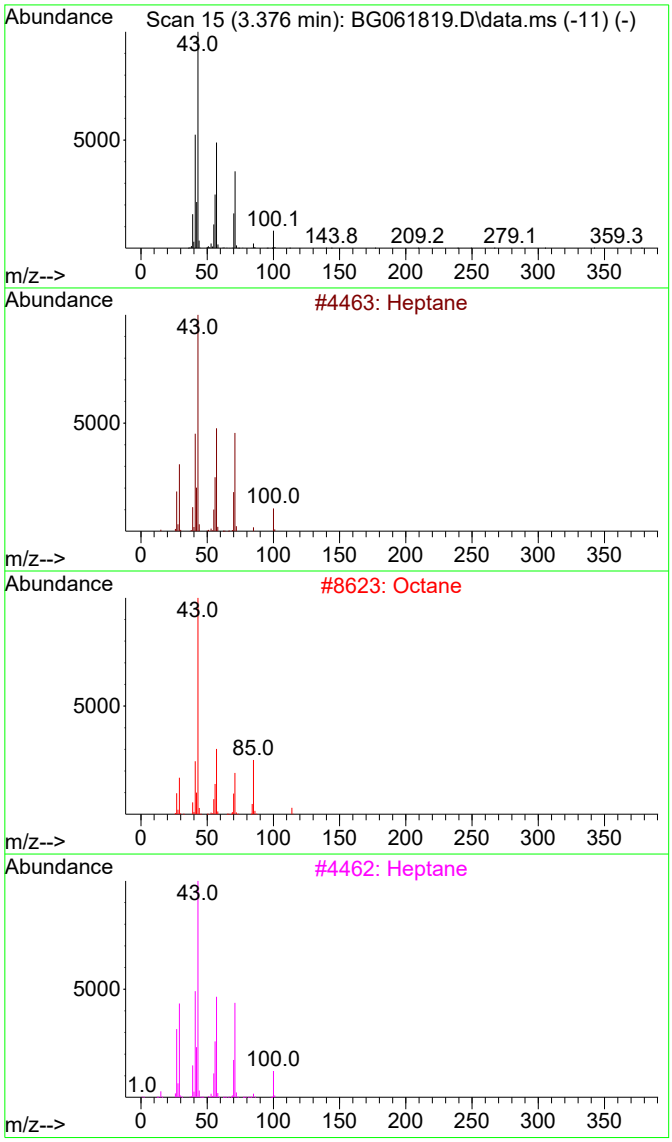
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION

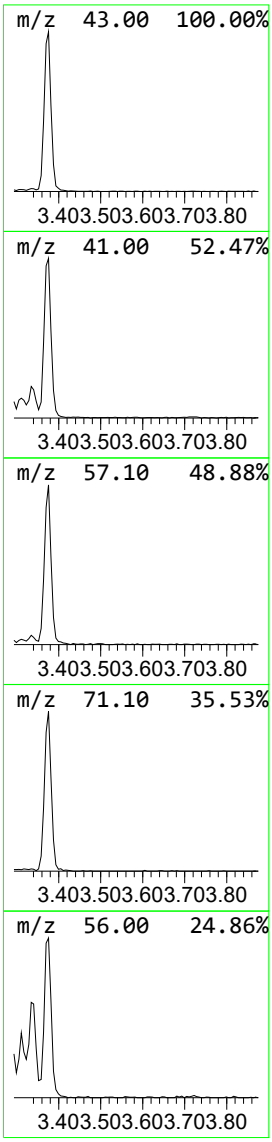
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.376	28.89 ng/ul	772718	1,4-Dichlorobenzene-d4	8.053

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	53
2	Octane	114	C8H18	000111-65-9	50
3	Heptane	100	C7H16	000142-82-5	42
4	Heptane	100	C7H16	000142-82-5	42
5	Heptane	100	C7H16	000142-82-5	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070124\
Data File : BG061819.D
Acq On : 1 Jul 2024 19:31
Operator : MA/JU
Sample : AR1254 50PPM
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
AR1254 50PPM

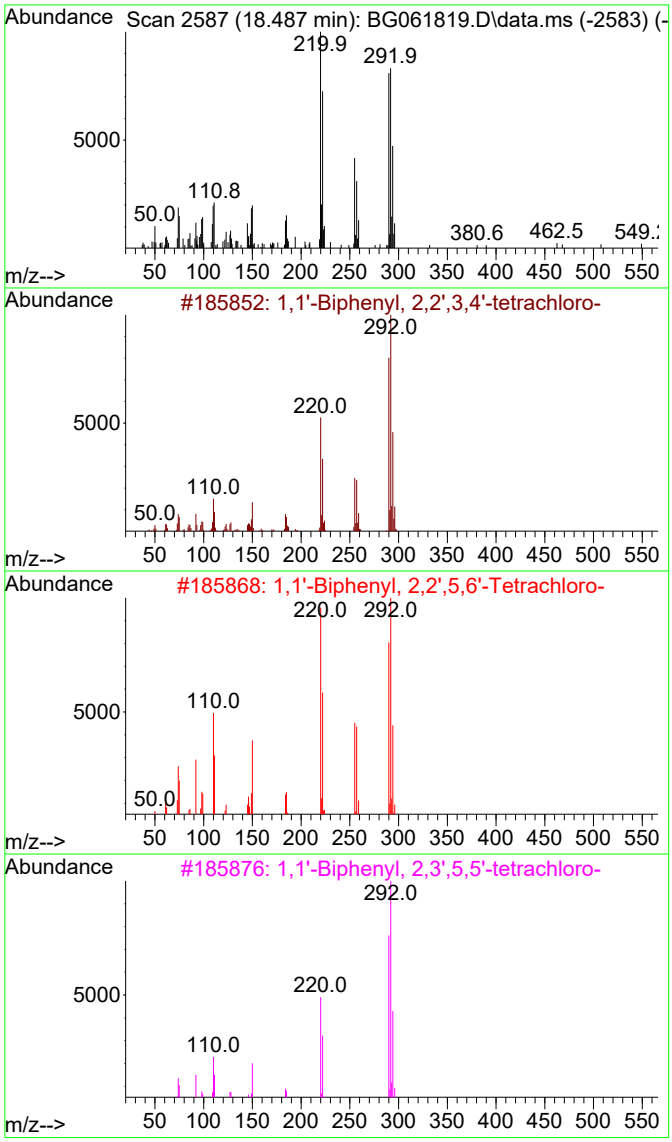
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION

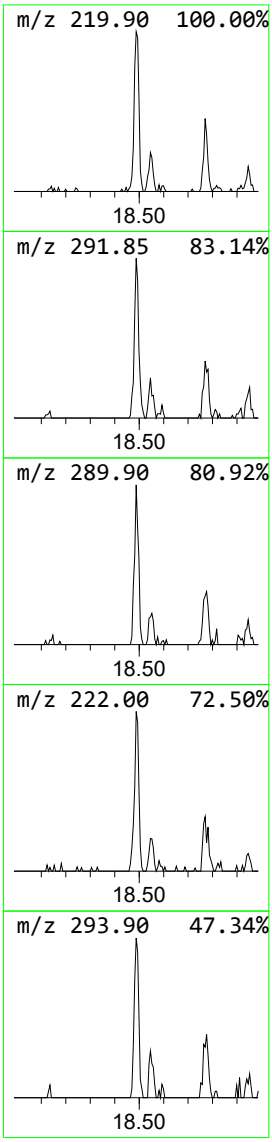
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.487	2.19 ng/ul	130563	Phenanthrene-d10	17.424

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4'-tetrach...	290	C12H6Cl4	036559-22-5	98
2	1,1'-Biphenyl, 2,2',5,6'-Tetrach...	290	C12H6Cl4	041464-41-9	97
3	1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	96
4	1,1'-Biphenyl, 2,2',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	96
5	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070124\
Data File : BG061819.D
Acq On : 1 Jul 2024 19:31
Operator : MA/JU
Sample : AR1254 50PPM
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
AR1254 50PPM

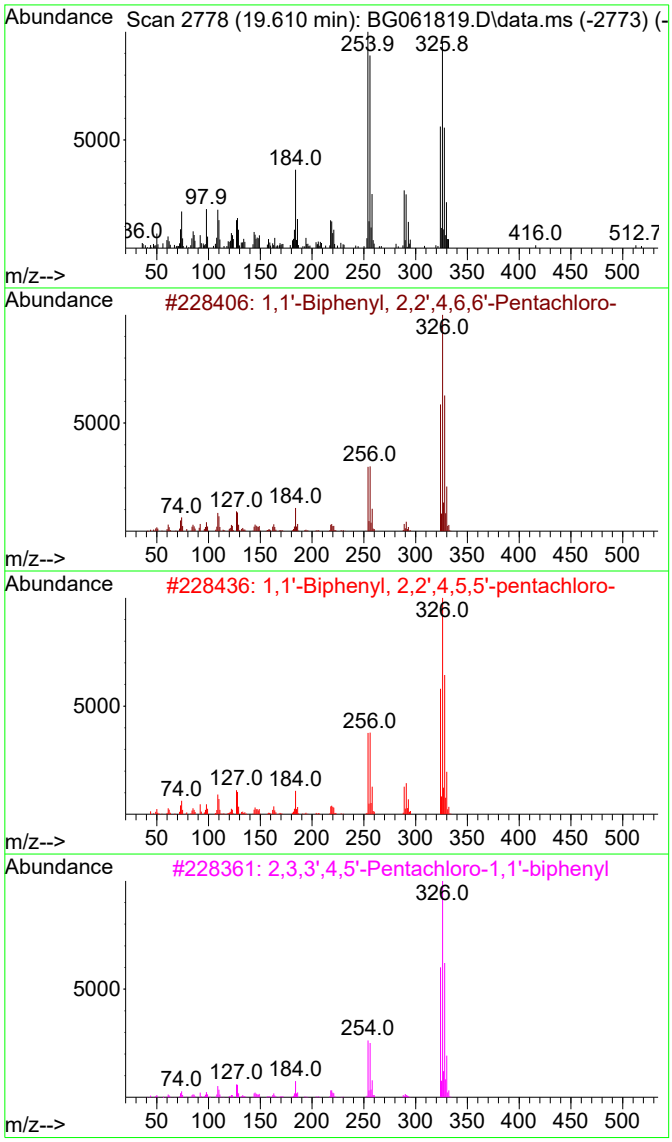
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION

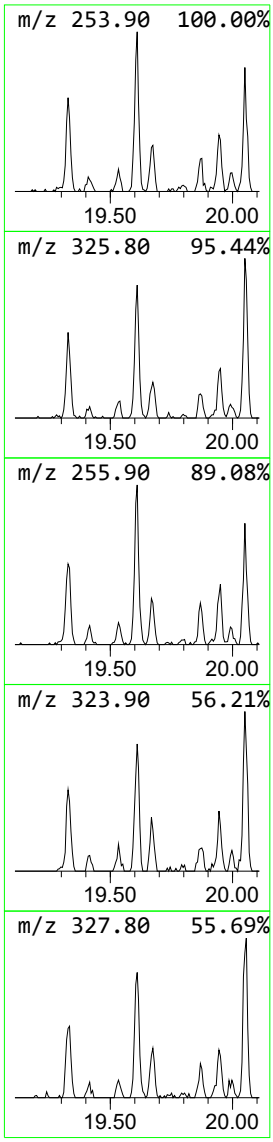
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.610	4.38 ng/ul	250940	Chrysene-d12	21.684

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	99
2	1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	99
3	2,3,3',4,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	070362-41-3	97
4	1,1'-Biphenyl, 2,2',4,4',6-Penta...	324	C12H5Cl5	039485-83-1	96
5	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070124\
Data File : BG061819.D
Acq On : 1 Jul 2024 19:31
Operator : MA/JU
Sample : AR1254 50PPM
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
AR1254 50PPM

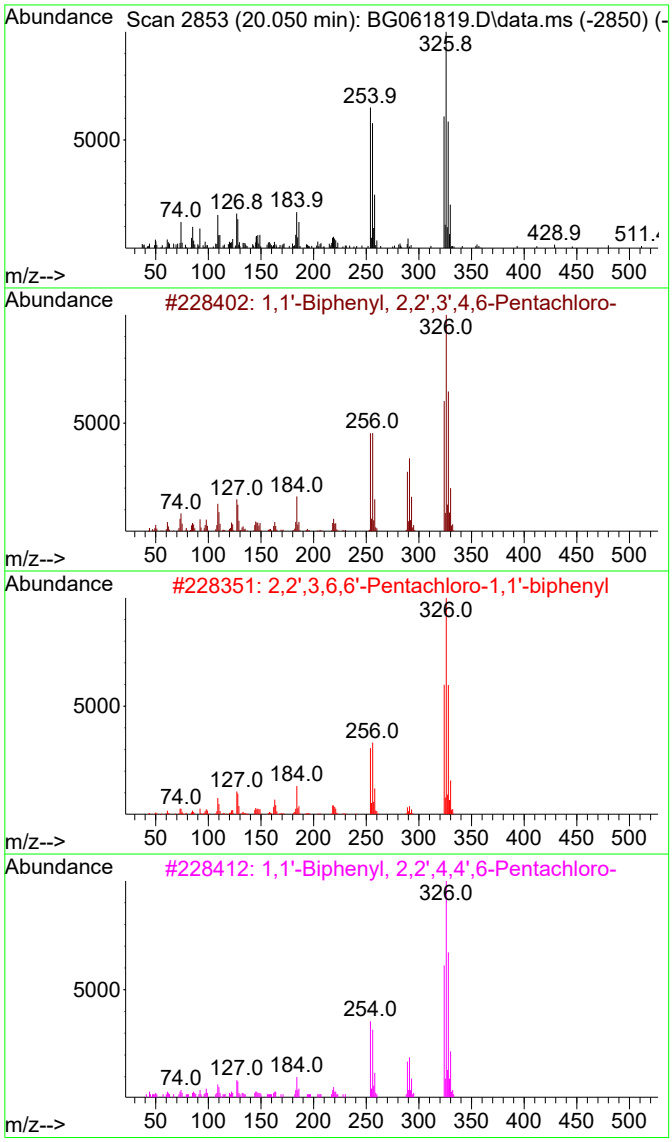
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION

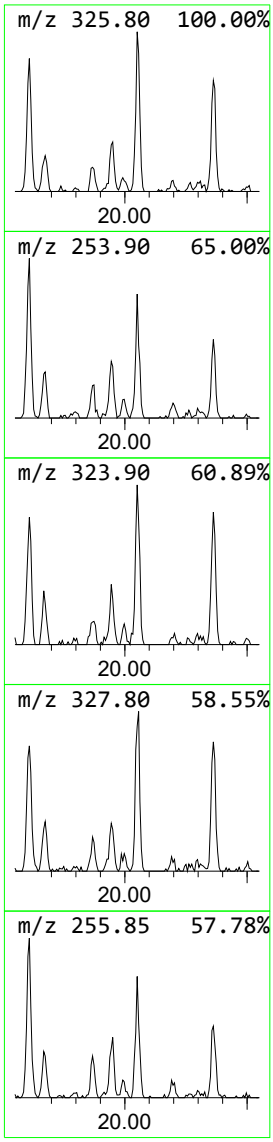
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1,1'-Biphenyl, 2,2',3',4,6-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.050	3.54 ng/ul	202354	Chrysene-d12	21.684

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3',4,6-Penta...	324	C12H5Cl5	060233-25-2	95
2	2,2',3,6,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-54-9	95
3	1,1'-Biphenyl, 2,2',4,4',6-Penta...	324	C12H5Cl5	039485-83-1	95
4	1,1'-Biphenyl, 2,2',4,5',6-Penta...	324	C12H5Cl5	060145-21-3	94
5	1,1'-Biphenyl, 2,3,4,4',6-Pentac...	324	C12H5Cl5	074472-38-1	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070124\
Data File : BG061819.D
Acq On : 1 Jul 2024 19:31
Operator : MA/JU
Sample : AR1254 50PPM
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
AR1254 50PPM

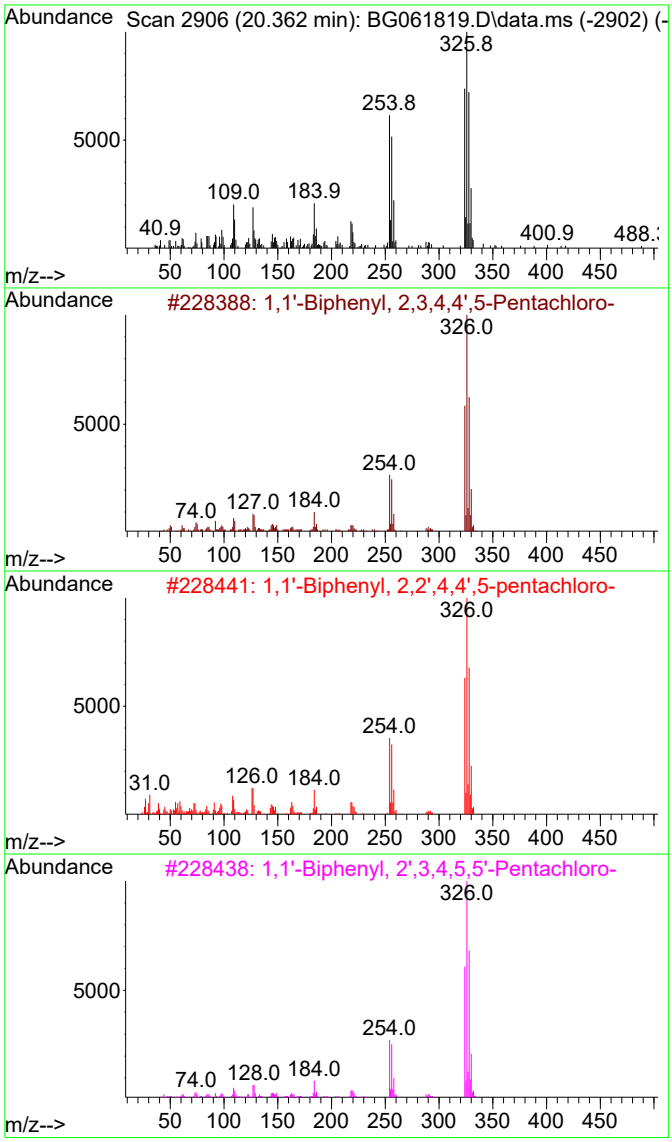
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION

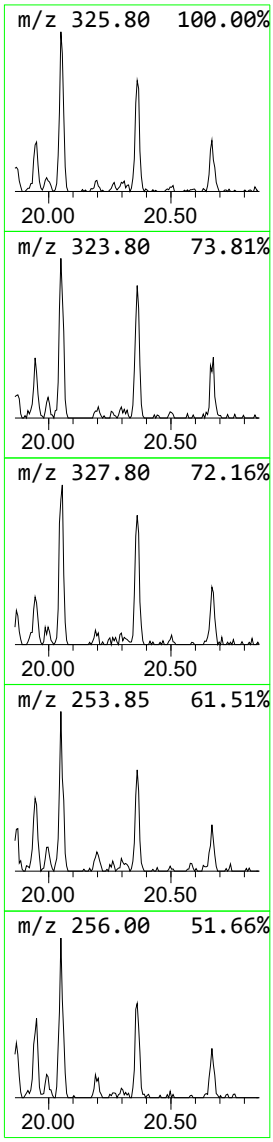
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1,1'-Biphenyl, 2,3,4,4',5-P... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.362	2.81 ng/ul	160919	Chrysene-d12	21.684

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,4,4',5-Pentac...	324	C12H5Cl5	074472-37-0	98
2	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	97
3	1,1'-Biphenyl, 2',3,4,5,5'-Penta...	324	C12H5Cl5	070424-70-3	97
4	2,3',4',5',6-Pentachloro-1,1'-bi...	324	C12H5Cl5	074472-39-2	96
5	2,2',3,4,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-57-2	96





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070124\
Data File : BG061819.D
Acq On : 1 Jul 2024 19:31
Operator : MA/JU
Sample : AR1254 50PPM
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
AR1254 50PPM

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.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...	3.335	4.1	ng/ul	110828	1	8.053	534972	20.0
(DEL) Alkane: S...	3.376	28.9	ng/ul	772718	1	8.053	534972	20.0
1,1'-Biphenyl, ...	18.487	2.2	ng/ul	130563	4	17.424	1189790	20.0
1,1'-Biphenyl, ...	19.610	4.4	ng/ul	250940	5	21.684	1144840	20.0
1,1'-Biphenyl, ...	20.050	3.5	ng/ul	202354	5	21.684	1144840	20.0
1,1'-Biphenyl, ...	20.362	2.8	ng/ul	160919	5	21.684	1144840	20.0