LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100323\
Data File : BG059266.D
Acq On : 3 Oct 2023 15:52
Operator : MA/JU
Sample : 04480-16
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BBBN9

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-BG092723.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BG059266.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.494	10	18	49	rBV	8330738	19588128	20.27%	14.488%
2	3.970	92	99	102	rBV	65192	106212	0.11%	0.079%
3	4.898	239	257	262	rBV	22846243	96649045	100.00%	71.484%
4	7.360	670	676	683	rBV2	51693	98093	0.10%	0.073%
5	7.554	703	709	715	rBV	167582	281814	0.29%	0.208%
6	7.748	735	742	751	rBV	169109	296799	0.31%	0.220%
7	8.236	817	825	837	rBV2	183884	370240	0.38%	0.274%
8	8.412	848	855	862	rVB	927525	1461102	1.51%	1.081%
9	8.923	935	942	951	rBV3	157450	269071	0.28%	0.199%
10	9.428	1021	1028	1041	rBV	220610	449120	0.46%	0.332%
11	10.151	1144	1151	1160	rVB2	170987	358072	0.37%	0.265%
12	10.374	1182	1189	1200	rVV2	689330	1127579	1.17%	0.834%
13	10.674	1233	1240	1248	rBV2	260197	458560	0.47%	0.339%
14	10.915	1274	1281	1289	rVB5	64235	143211	0.15%	0.106%
15	11.103	1299	1313	1318	rBV2	752047	1752874	1.81%	1.296%
16	11.167	1318	1324	1329	rVV5	208990	462298	0.48%	0.342%
17	11.220	1329	1333	1339	rVV	192959	344501	0.36%	0.255%
18	11.291	1339	1345	1351	rVB2	134506	225126	0.23%	0.167%
19	11.432	1362	1369	1381	rVB6	62733	168231	0.17%	0.124%
20	11.849	1434	1440	1447	rVB2	93366	154070	0.16%	0.114%
21	12.225	1496	1504	1510	rVB2	51244	98713	0.10%	0.073%
22	14.093	1812	1822	1833	rBV3	249972	567436	0.59%	0.420%
23	14.258	1844	1850	1857	rVV	474612	672385	0.70%	0.497%
24	14.328	1857	1862	1869	rVB2	151534	212800	0.22%	0.157%
25	14.569	1895	1903	1911	rVB	535683	855934	0.89%	0.633%
26	14.863	1943	1953	1959	rBV	410460	632381	0.65%	0.468%
27	15.850	2112	2121	2128	rBV	661530	1047974	1.08%	0.775%
28	15.962	2134	2140	2147	rBV	191320	286498	0.30%	0.212%
29	17.613	2415	2421	2429	rVB	508210	748248	0.77%	0.553%
30	17.713	2432	2438	2444	rBV	702242	1069659	1.11%	0.791%
31	18.429	2556	2560	2566	rBV2	72189	111778	0.12%	0.083%
32	19.986	2819	2825	2831	rVB	883864	1226362	1.27%	0.907%
33	21.914	3146	3153	3161	rVB	442626	756911	0.78%	0.560%
34	25.151	3693	3704	3718	rBV	440289	1277691	1.32%	0.945%
35	25.386	3734	3744	3758	rBV4	270226	875753	0.91%	0.648%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100323\
Data File : BG059266.D
Acq On : 3 Oct 2023 15:52
Operator : MA/JU
Sample : 04480-16
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BBBN9

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-BG092723.MA.M
Title : SVOA CALIBRATION

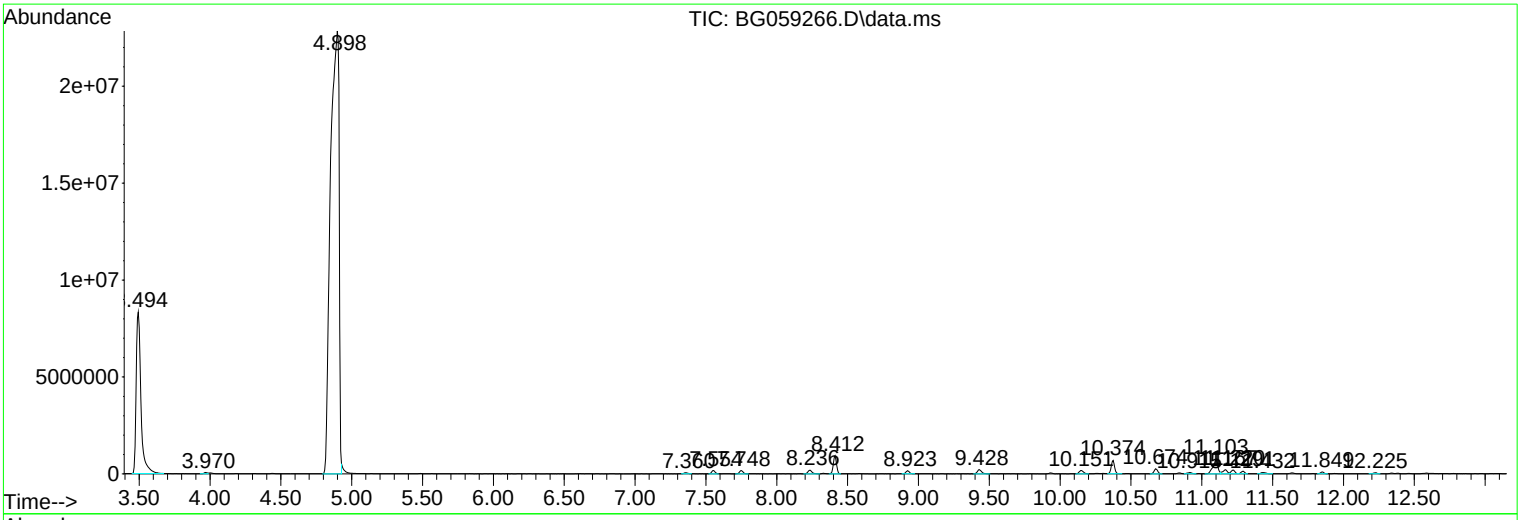
Sum of corrected areas: 135204669

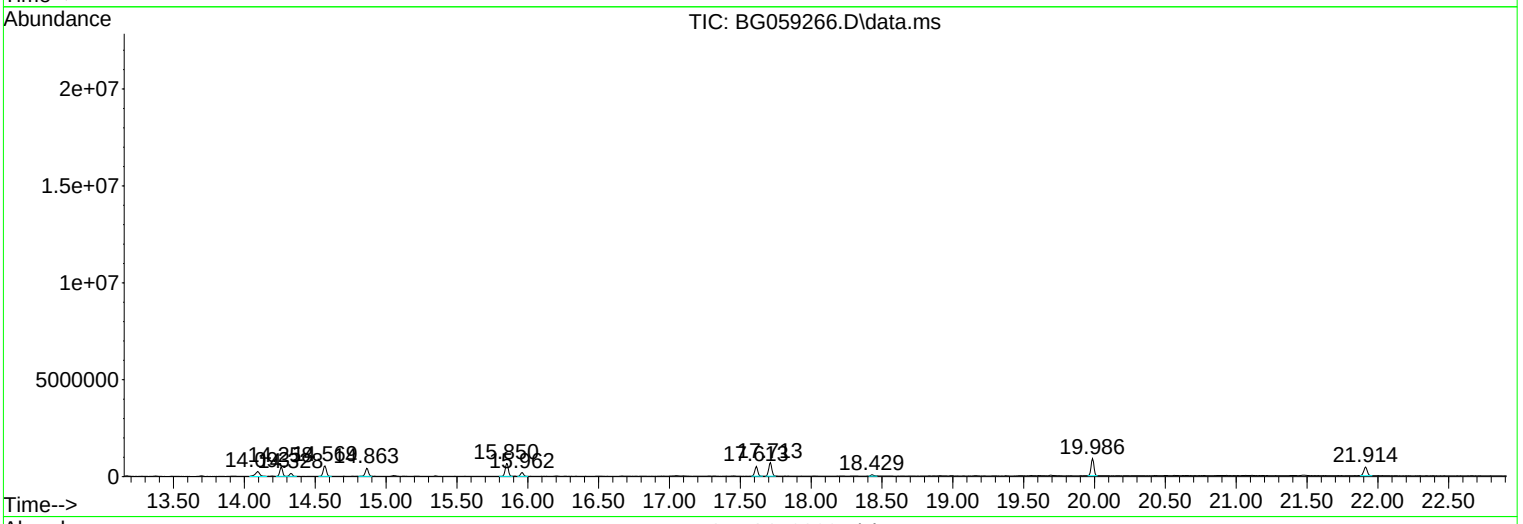
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100323\
Data File : BG059266.D
Acq On : 3 Oct 2023 15:52
Operator : MA/JU
Sample : 04480-16
Misc :
ALS Vial : 9 Sample Multiplier: 1

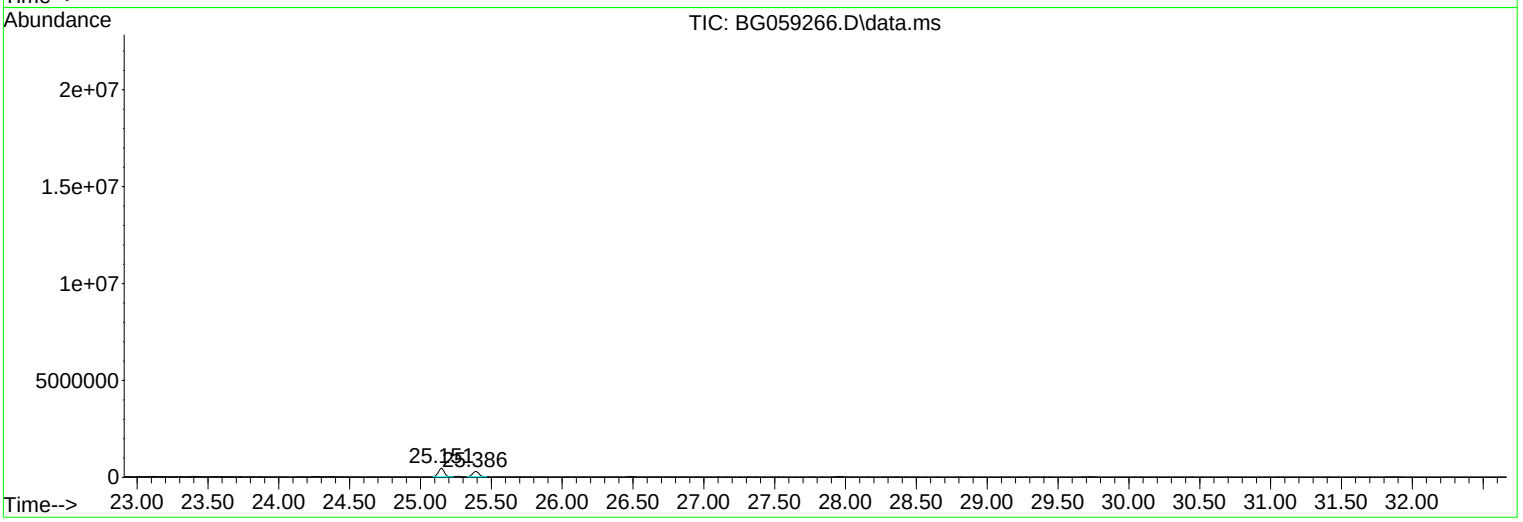
Instrument :
BNA_G
ClientSampleId :
BBBN9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.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\BG100323\
Data File : BG059266.D
Acq On : 3 Oct 2023 15:52
Operator : MA/JU
Sample : 04480-16
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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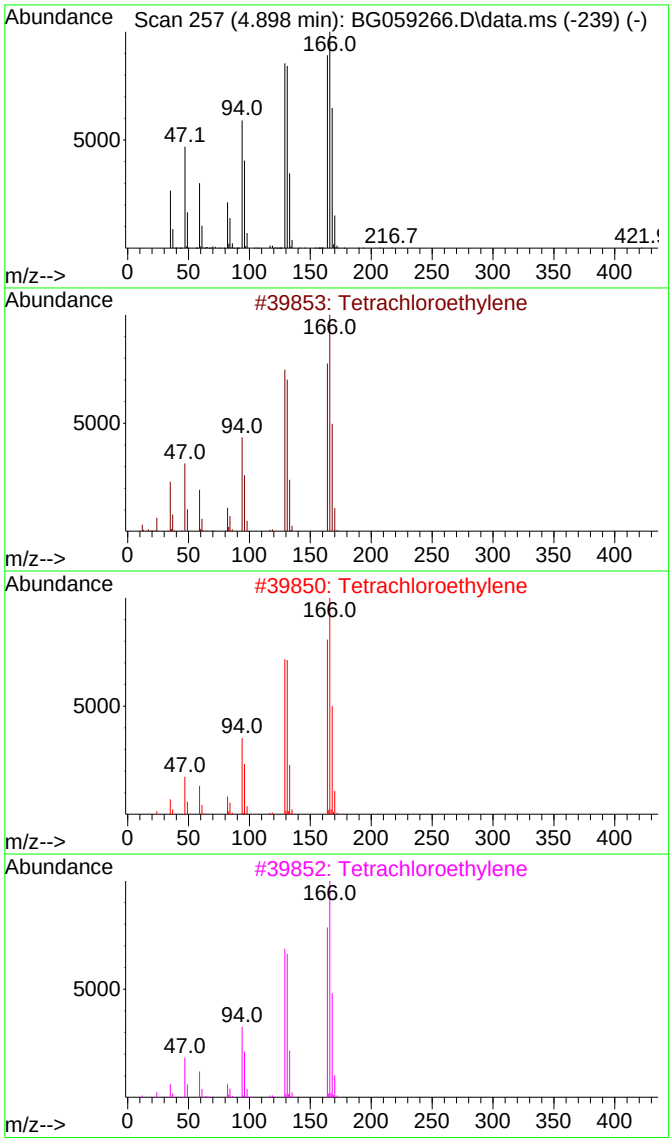
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION

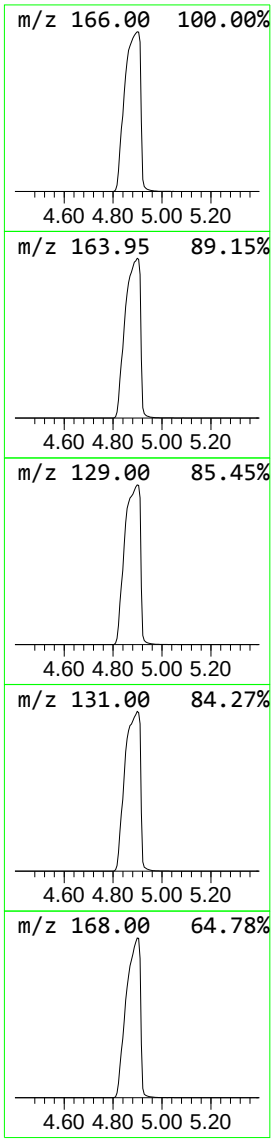
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Tetrachloroethylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.898	5220.89 ng/ul	96649000	1,4-Dichlorobenzene-d4	8.230

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetrachloroethylene	164	C2Cl4	000127-18-4	98
2	Tetrachloroethylene	164	C2Cl4	000127-18-4	98
3	Tetrachloroethylene	164	C2Cl4	000127-18-4	96
4	Tetrachloroethylene	164	C2Cl4	000127-18-4	96
5	Pyrimidine, 5-fluoro-2,4-dichloro-	166	C4HCl2FN2	002927-71-1	27





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Data File : BG059266.D
Acq On : 3 Oct 2023 15:52
Operator : MA/JU
Sample : 04480-16
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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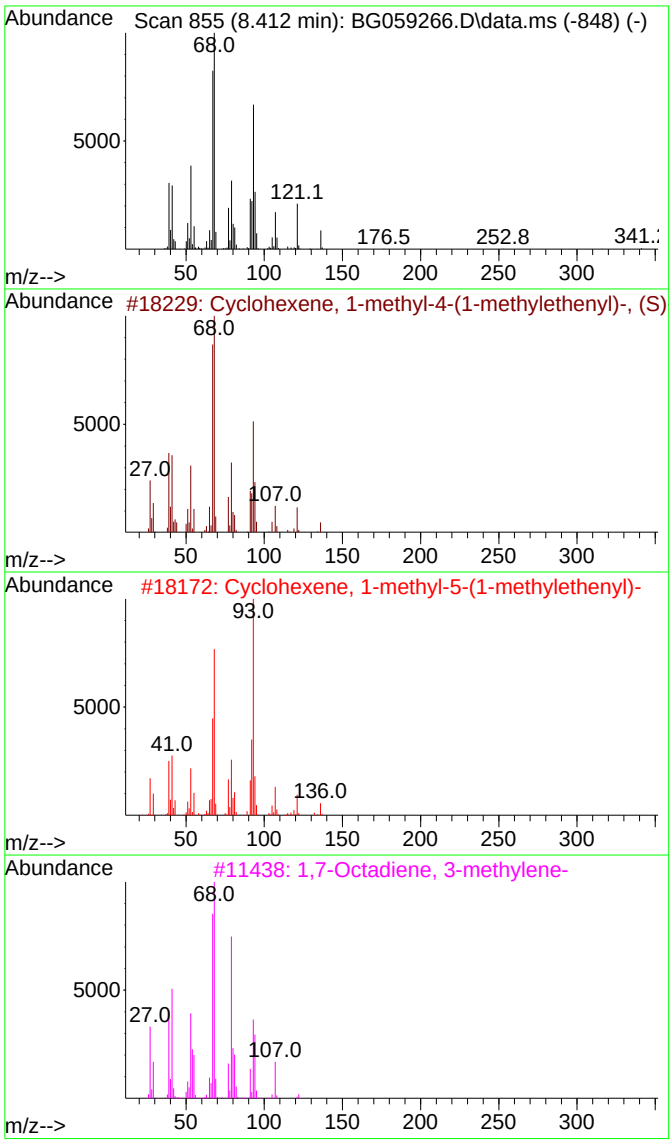
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION

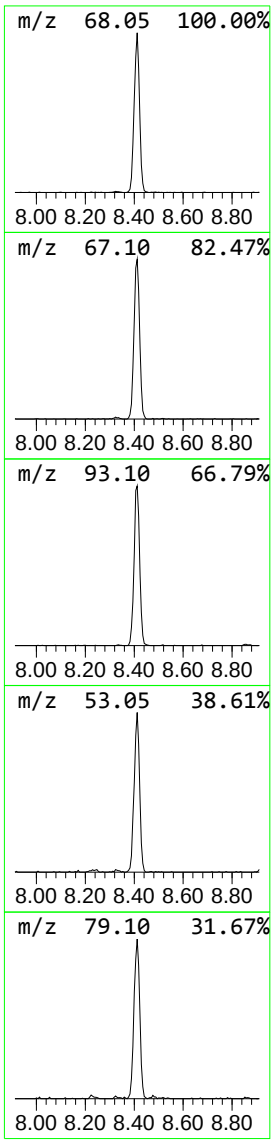
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Cyclohexene, 1-methyl-4-(1-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.412	78.93 ng/ul	1461100	1,4-Dichlorobenzene-d4	8.230

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	005989-54-8	94
2	Cyclohexene, 1-methyl-5-(1-methy...	136	C10H16	013898-73-2	90
3	1,7-Octadiene, 3-methylene-	122	C9H14	068695-13-6	72
4	D-Limonene	136	C10H16	005989-27-5	50
5	Limonene	136	C10H16	000138-86-3	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100323\
Data File : BG059266.D
Acq On : 3 Oct 2023 15:52
Operator : MA/JU
Sample : 04480-16
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BBBN9

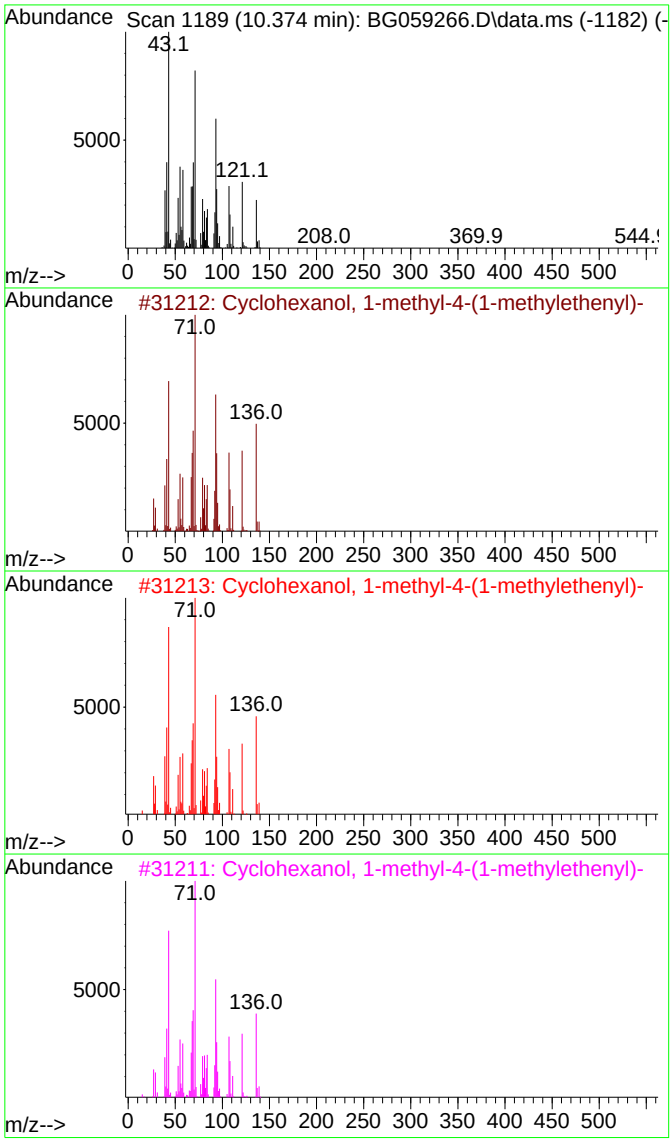
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION

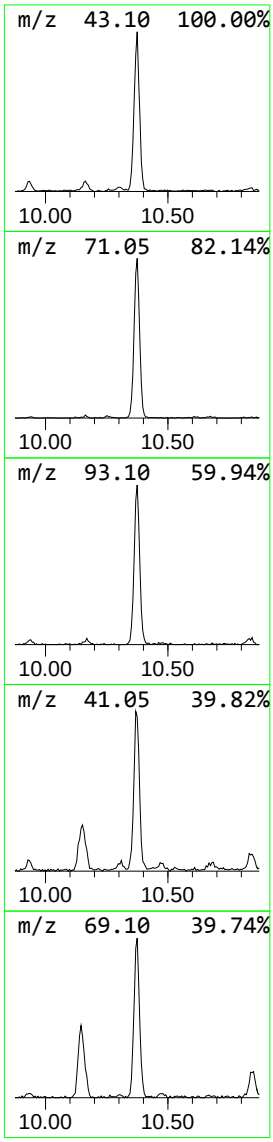
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Cyclohexanol, 1-methyl-4-(1... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.374	12.87 ng/ul	1127580	Naphthalene-d8	11.073

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanol, 1-methyl-4-(1-meth...	154	C10H18O	000138-87-4	87
2	Cyclohexanol, 1-methyl-4-(1-meth...	154	C10H18O	000138-87-4	87
3	Cyclohexanol, 1-methyl-4-(1-meth...	154	C10H18O	000138-87-4	83
4	Cyclohexanol, 1-methyl-4-(1-meth...	154	C10H18O	000138-87-4	83
5	5-Isopropyl-2-methylbicyclo[3.1....	154	C10H18O	000546-79-2	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100323\
Data File : BG059266.D
Acq On : 3 Oct 2023 15:52
Operator : MA/JU
Sample : 04480-16
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BBBN9

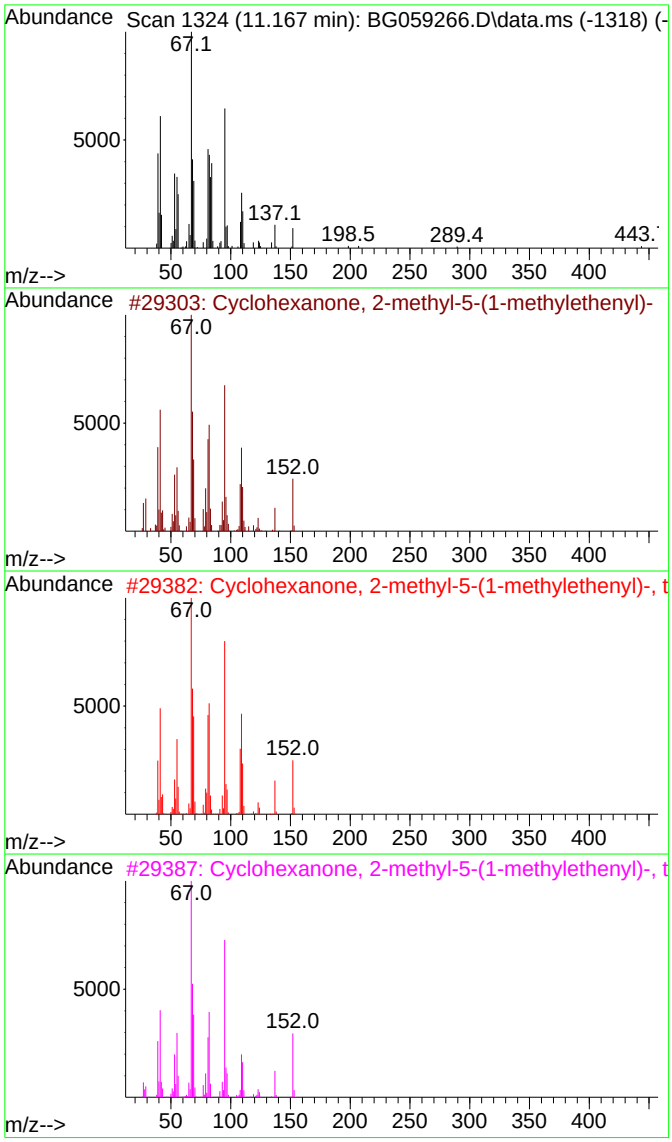
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION

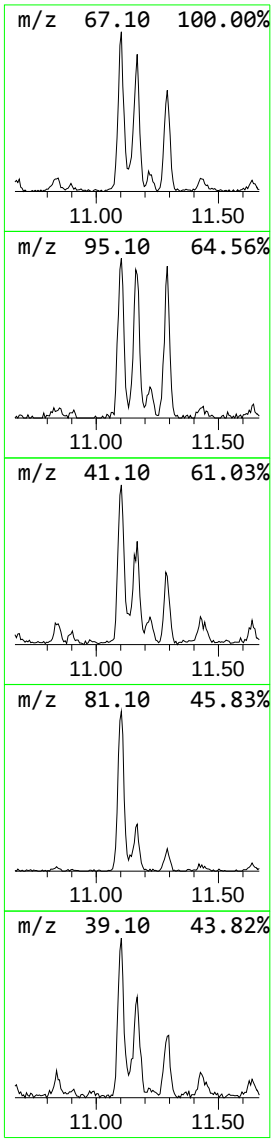
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Cyclohexanone, 2-methyl-5-(... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.167	5.27 ng/ul	462298	Naphthalene-d8	11.073

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 2-methyl-5-(1-met...	152	C10H16O	007764-50-3	87
2	Cyclohexanone, 2-methyl-5-(1-met...	152	C10H16O	005948-04-9	76
3	Cyclohexanone, 2-methyl-5-(1-met...	152	C10H16O	005948-04-9	74
4	(+)-Dihydrocarvone	152	C10H16O	005524-05-0	62
5	Cyclohexanone, 2-methyl-5-(1-met...	152	C10H16O	005948-04-9	62





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100323\
Data File : BG059266.D
Acq On : 3 Oct 2023 15:52
Operator : MA/JU
Sample : 04480-16
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BBBN9

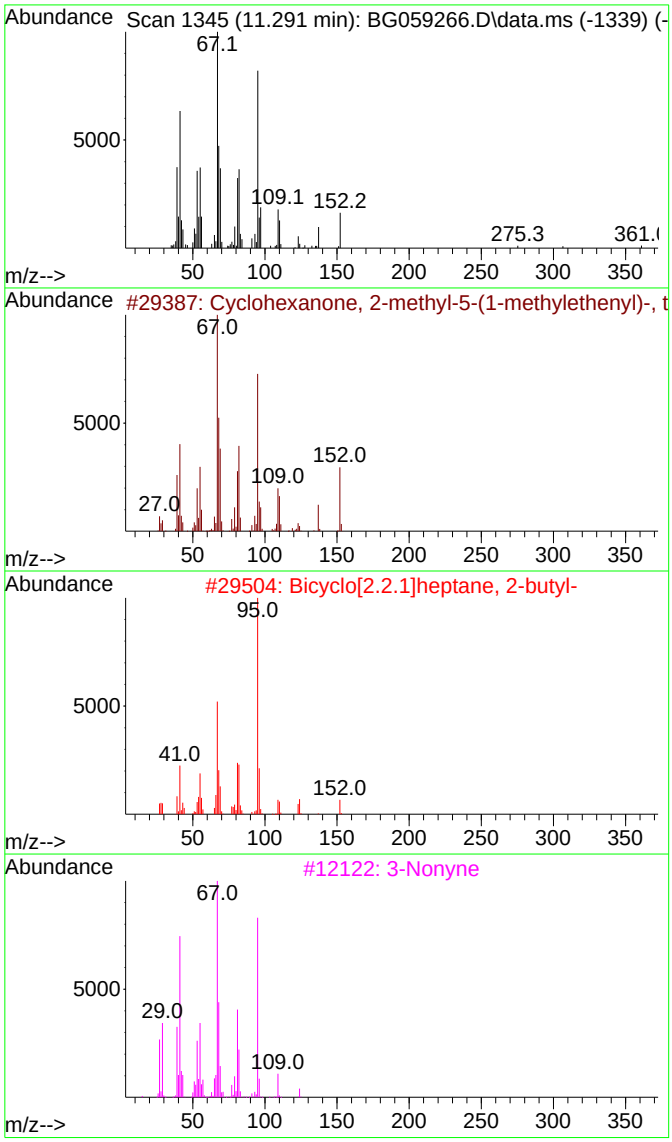
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION

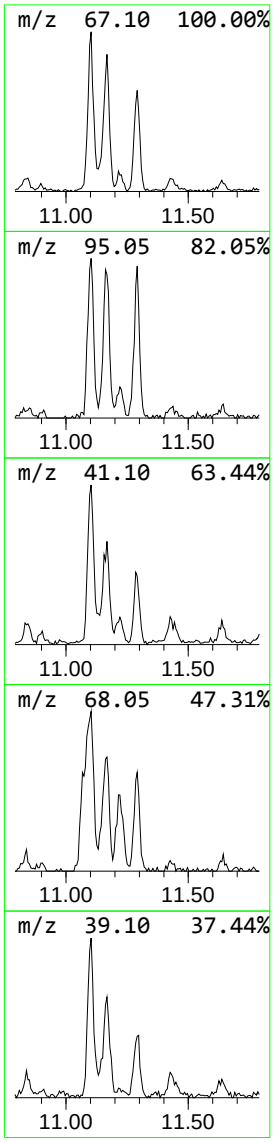
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Bicyclo[2.2.1]heptane, 2-bu... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.291	2.57 ng/ul	225126	Naphthalene-d8	11.073

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 2-methyl-5-(1-met...	152	C10H16O	005948-04-9	94
2	Bicyclo[2.2.1]heptane, 2-butyl-	152	C11H20	061177-16-0	83
3	3-Nonyne	124	C9H16	020184-89-8	83
4	(+)-Dihydrocarvone	152	C10H16O	005524-05-0	81
5	Cyclohexanone, 2-methyl-5-(1-met...	152	C10H16O	005948-04-9	81





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BBBN9

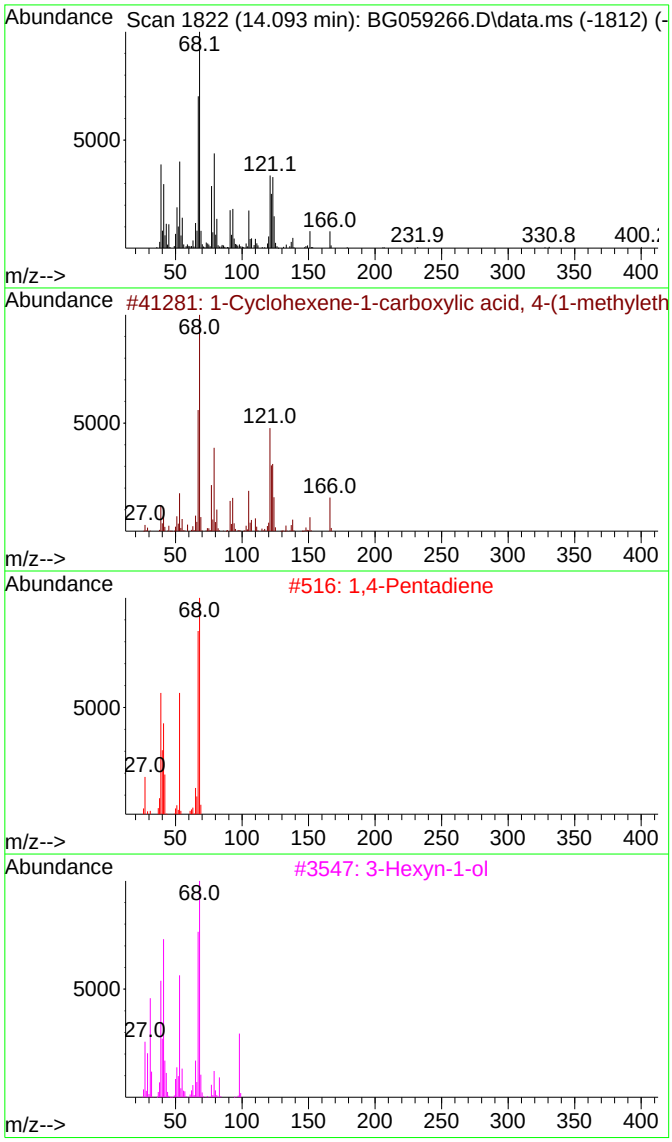
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION

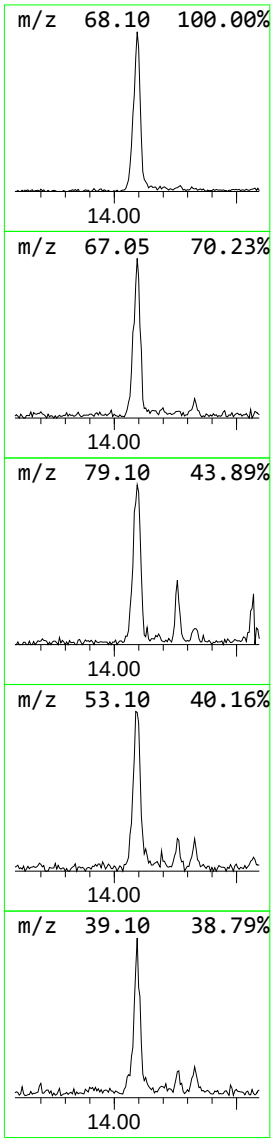
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1-Cyclohexene-1-carboxylic ... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.093	17.95 ng/ul	567436	Acenaphthene-d10	14.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Cyclohexene-1-carboxylic acid,...	166	C10H14O2	007694-45-3	87
2	1,4-Pentadiene	68	C5H8	000591-93-5	62
3	3-Hexyn-1-ol	98	C6H10O	001002-28-4	59
4	5-Hexenal, 4-methylene-	110	C7H10O	017844-21-2	58
5	Cyclobutane, 1,3-diisopropenyl-,...	136	C10H16	1000152-89-6	53





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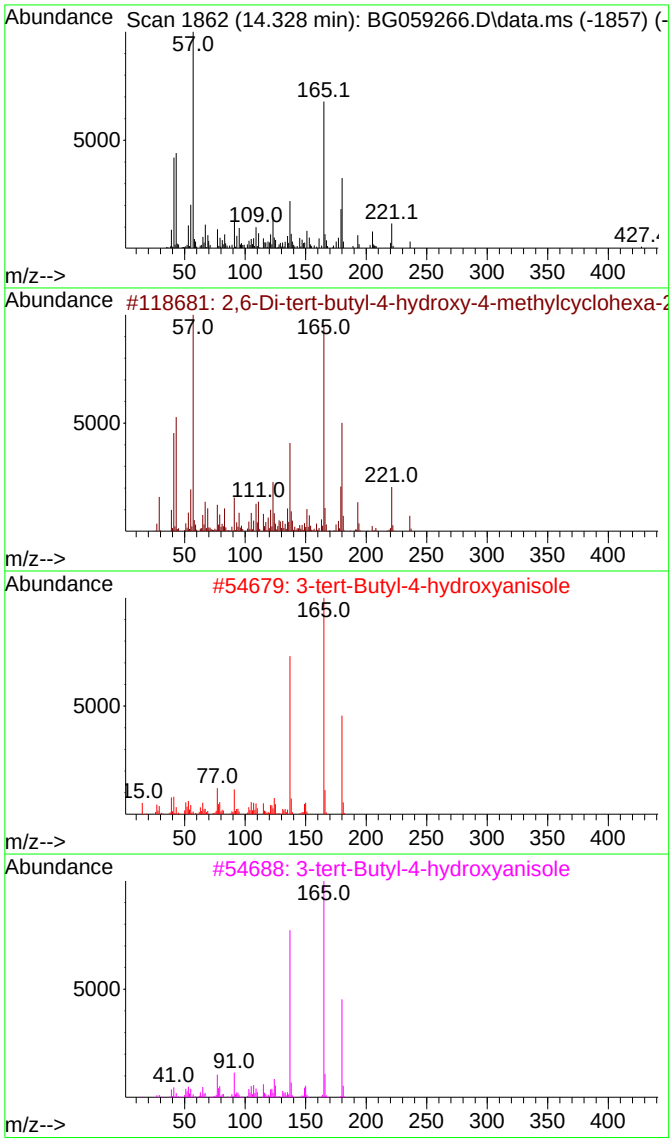
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION

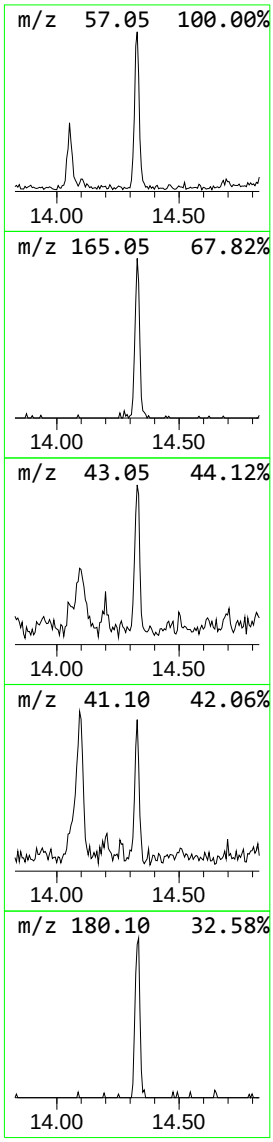
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 2,6-Di-tert-butyl-4-hydroxy... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.328	6.73 ng/ul	212800	Acenaphthene-d10	14.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Di-tert-butyl-4-hydroxy-4-me...	236	C15H24O2	010396-80-2	96
2	3-tert-Butyl-4-hydroxyanisole	180	C11H16O2	000121-00-6	55
3	3-tert-Butyl-4-hydroxyanisole	180	C11H16O2	000121-00-6	55
4	Phenol, 3-(1,1-dimethylethyl)-4-...	180	C11H16O2	000088-32-4	46
5	Acetone, N2-(4-hydroxy-6-methylp...	180	C8H12N4O	066680-04-4	46





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Operator : MA/JU
Sample : 04480-16
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BBBN9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION

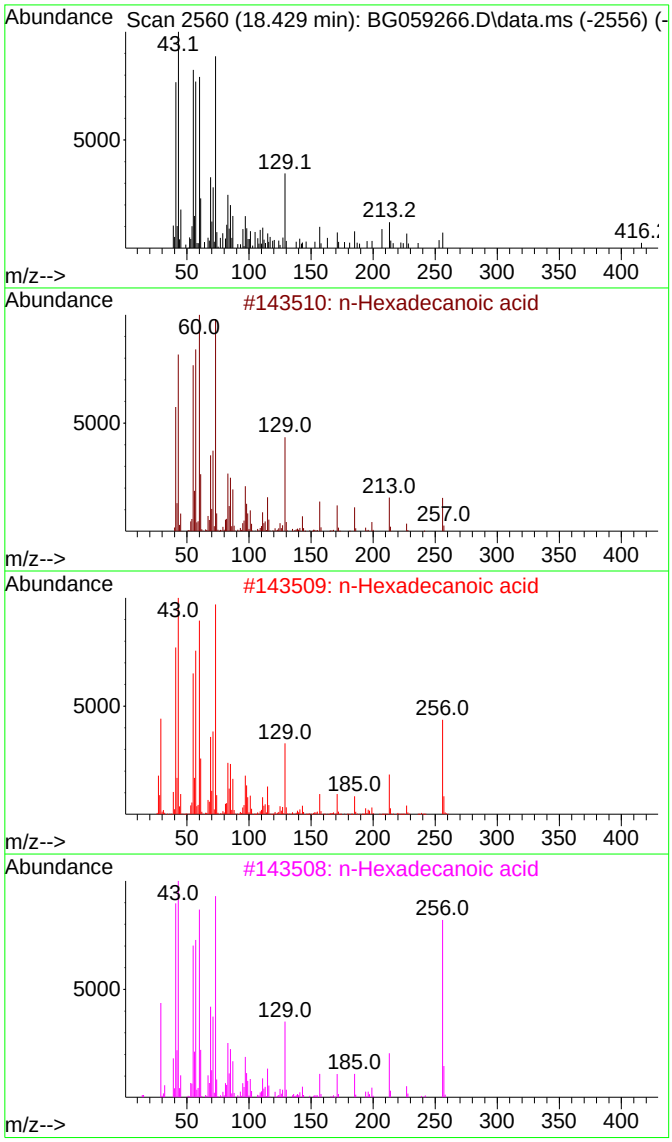
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

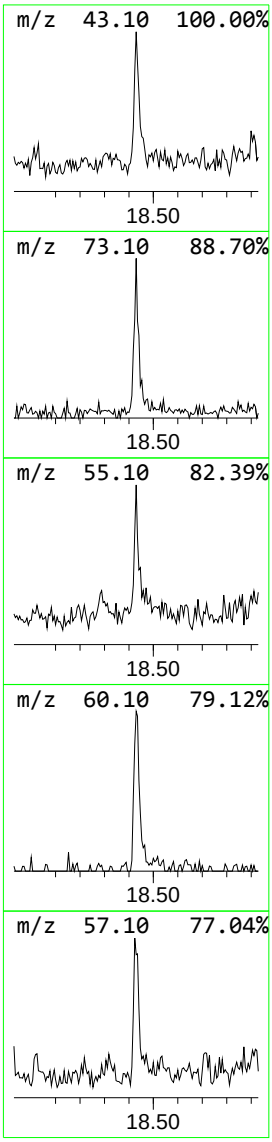
****

Peak Number 8 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.429	2.99 ng/ul	111778	Phenanthrene-d10	17.613

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
5	Tridecanoic acid	214	C13H26O2	000638-53-9	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100323\
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Sample : 04480-16
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BBBN9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.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
Tetrachloroethy...	4.898	5220.9	ng/ul	96649000	1	8.230	370240	20.0
Cyclohexene, 1-...	8.412	78.9	ng/ul	1461100	1	8.230	370240	20.0
Cyclohexanol, 1...	10.374	12.9	ng/ul	1127580	2	11.073	1752870	20.0
Cyclohexanone, ...	11.167	5.3	ng/ul	462298	2	11.073	1752870	20.0
Bicyclo[2.2.1]h...	11.291	2.6	ng/ul	225126	2	11.073	1752870	20.0
1-Cyclohexene-1...	14.093	17.9	ng/ul	567436	3	14.863	632381	20.0
2,6-Di-tert-but...	14.328	6.7	ng/ul	212800	3	14.863	632381	20.0
n-Hexadecanoic ...	18.429	3.0	ng/ul	111778	4	17.613	748248	20.0