LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050224\
Data File : BG061096.D
Acq On : 2 May 2024 16:46
Operator : MA/JU
Sample : P2337-03 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RB21155-SOIL

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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\8270-BG043024.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG061096.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.156	22	28	36	rBV	71559	112341	17.09%	2.369%
2	5.523	423	431	439	rBV	126477	211432	32.17%	4.459%
3	7.110	693	701	710	rBV	141436	247007	37.58%	5.209%
4	7.938	834	842	849	rBV	119180	198589	30.22%	4.188%
5	9.090	1029	1038	1047	rBV	102261	174491	26.55%	3.680%
6	10.729	1310	1317	1324	rBV	148231	265817	40.45%	5.606%
7	12.527	1619	1623	1631	rVB10	7385	13160	2.00%	0.278%
8	12.780	1663	1666	1671	rVB6	8802	12625	1.92%	0.266%
9	13.003	1701	1704	1709	rBV6	7614	15832	2.41%	0.334%
10	13.109	1719	1722	1726	rVB3	15634	19860	3.02%	0.419%
11	13.185	1727	1735	1743	rBV	255612	418693	63.71%	8.830%
12	13.273	1746	1750	1751	rBV4	11237	15985	2.43%	0.337%
13	13.837	1843	1846	1850	rBV4	27845	39116	5.95%	0.825%
14	14.061	1881	1884	1887	rVB4	40980	47097	7.17%	0.993%
15	14.096	1888	1890	1896	rVB6	31408	44369	6.75%	0.936%
16	14.566	1966	1970	1980	rVB	267347	467492	71.13%	9.860%
17	16.052	2220	2223	2228	rBV2	233095	374163	56.93%	7.891%
18	16.317	2265	2268	2275	rVB	319154	419168	63.78%	8.840%
19	17.139	2405	2408	2417	rVB	401568	614340	93.48%	12.957%
20	19.936	2881	2884	2896	rVB	463247	657217	100.00%	13.861%
21	21.575	3159	3163	3168	rVB	238516	372711	56.71%	7.861%

Sum of corrected areas: 4741505

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ClientSampleId :
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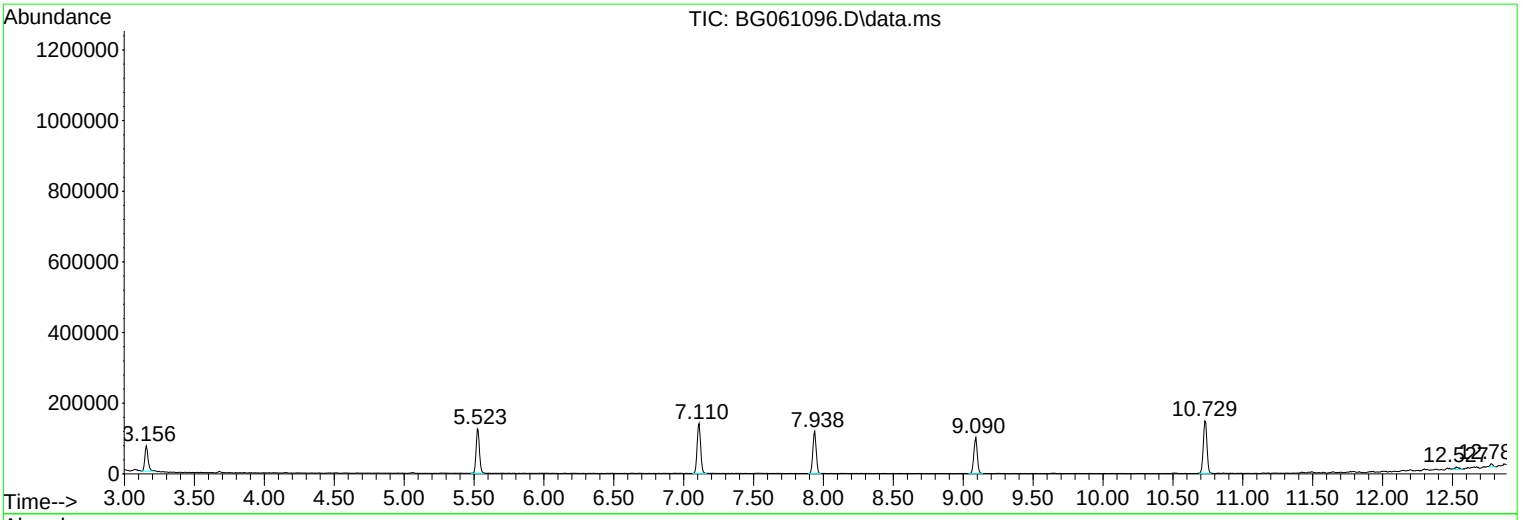
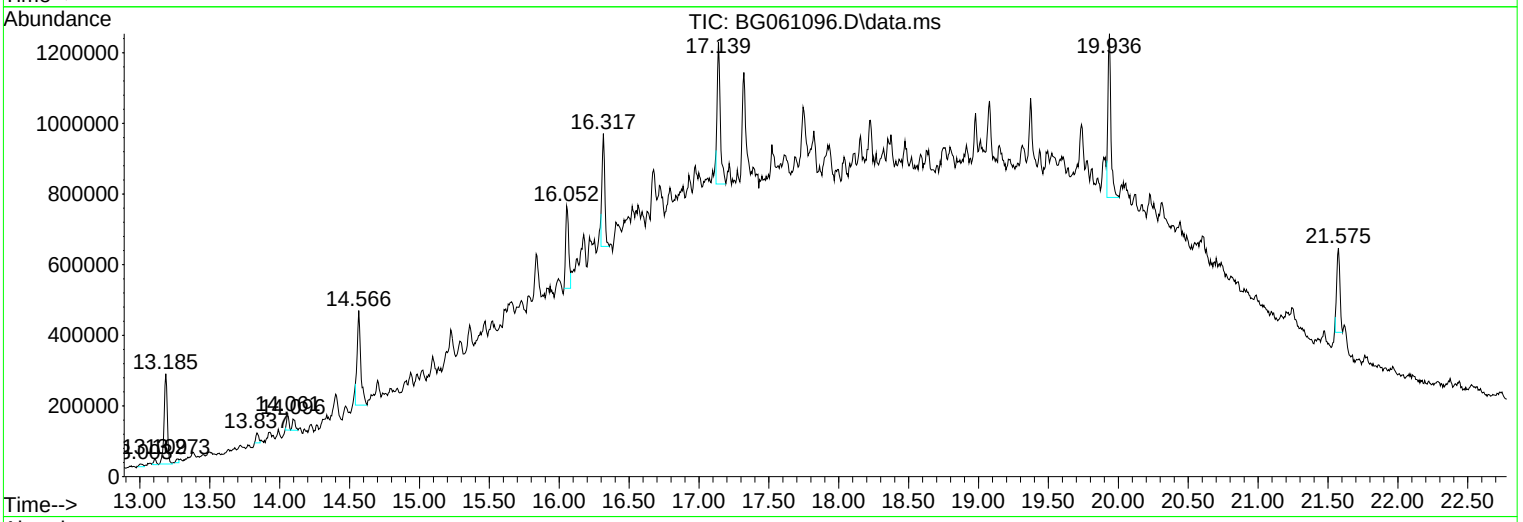
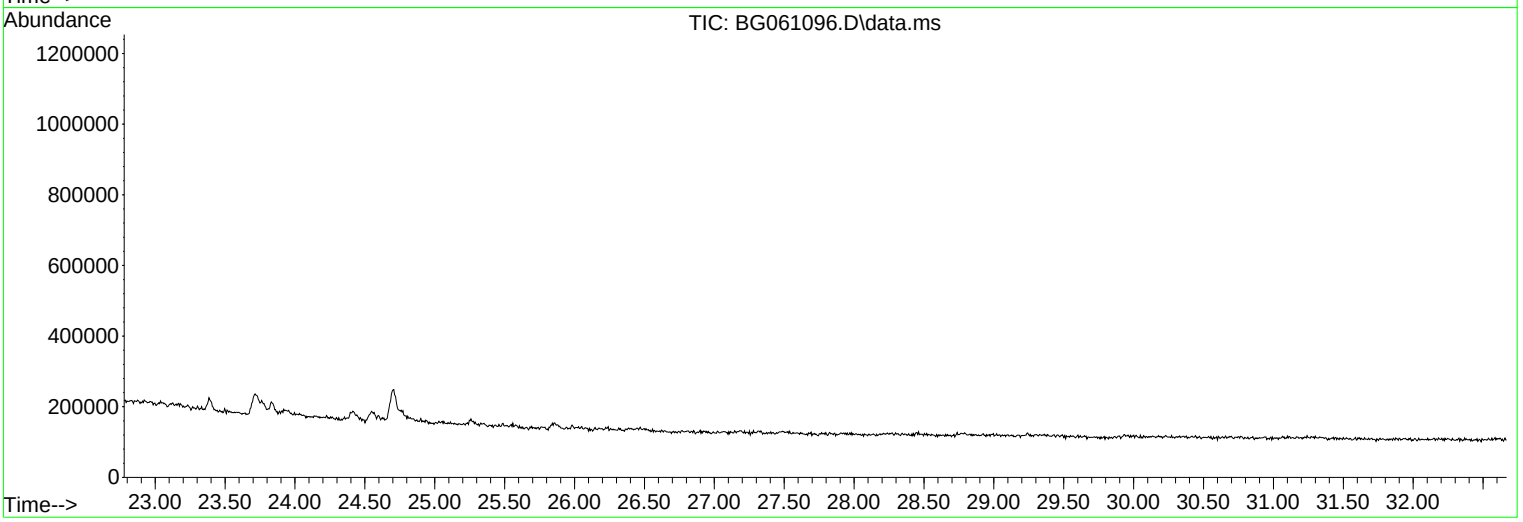
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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TIC Integration Parameters: LSCINT.P

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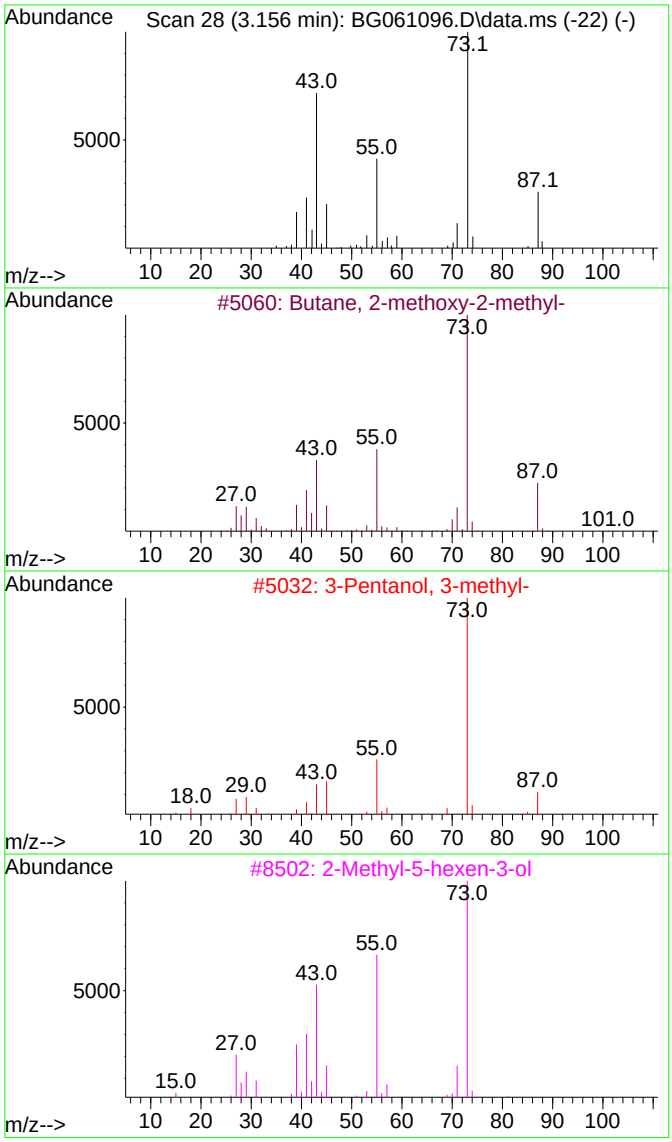
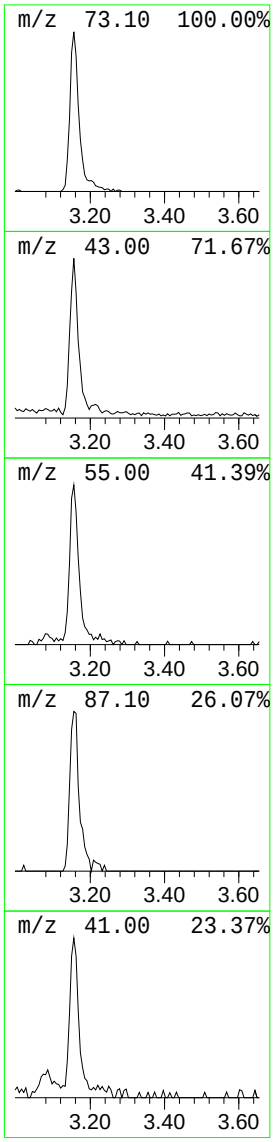
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.156	11.31 ng	112341	1,4-Dichlorobenzene-d4	7.938

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	50
2	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	37
3	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	17
4	(R)-3-Pyrrolidinol	87	C4H9NO	002799-21-5	9
5	1-Pentanamine	87	C5H13N	000110-58-7	9





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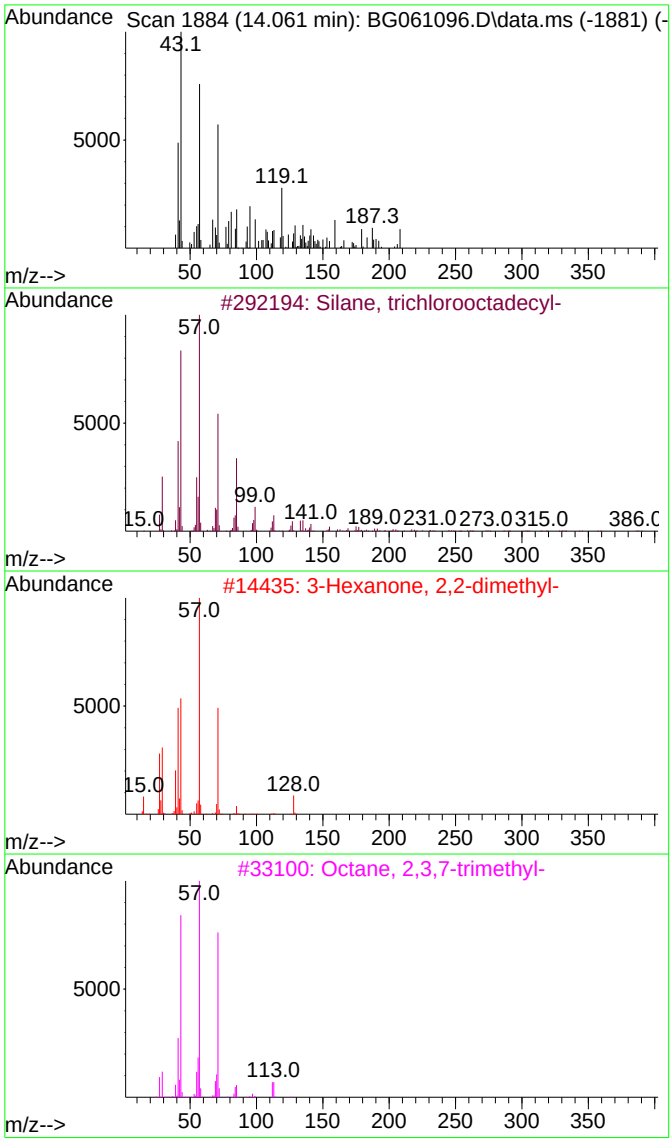
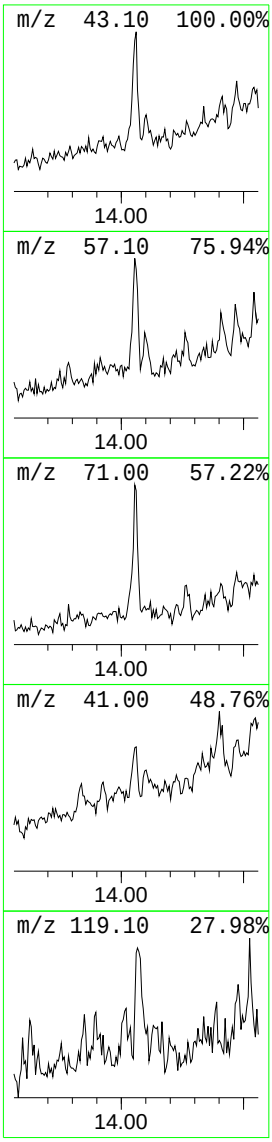
Peak Number 2 unknown14.060 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.060	2.01 ng	47097	Acenaphthene-d10	14.566

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	22
2	3-Hexanone, 2,2-dimethyl-	128	C8H16O	005405-79-8	18
3	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	14
4	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	14
5	Octane, 2-bromo-	192	C8H17Br	000557-35-7	14





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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
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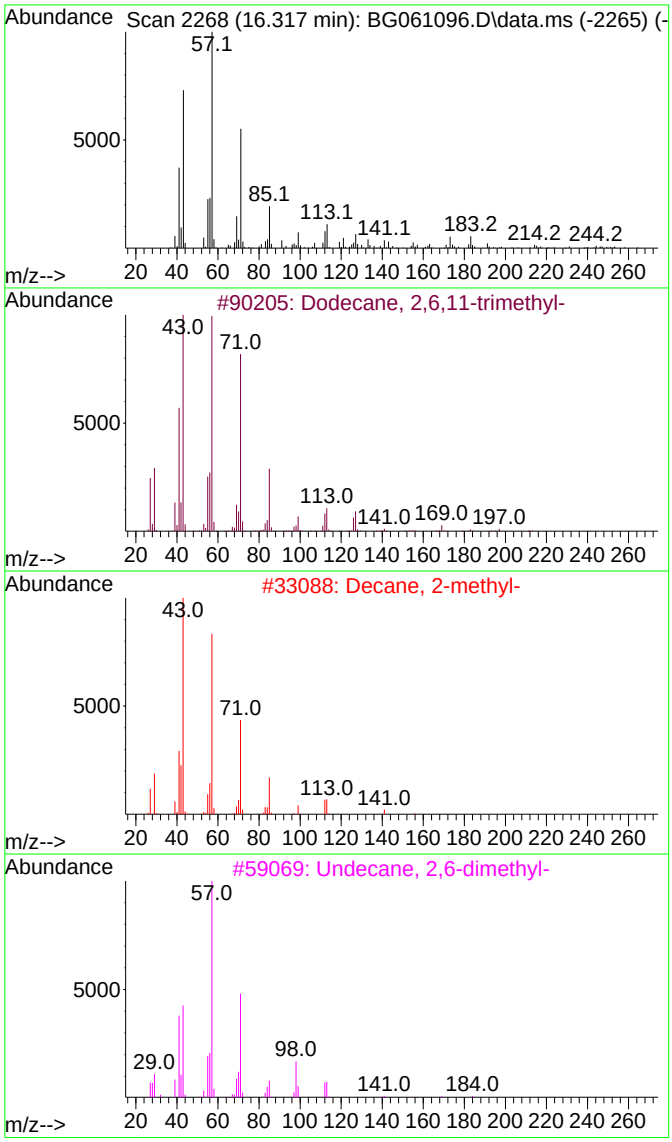
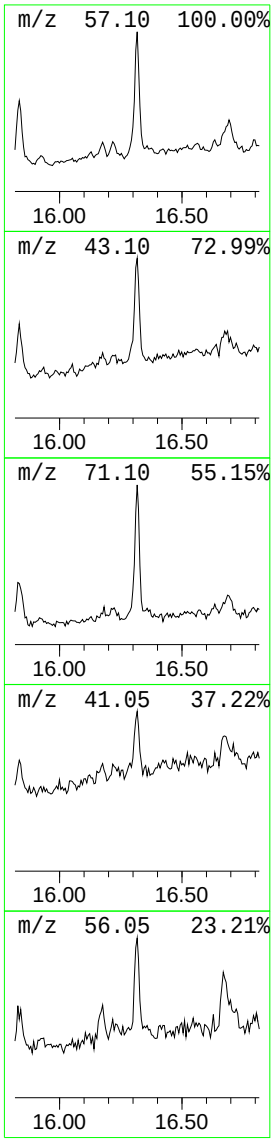
Peak Number 3 Dodecane, 2,6,11-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.317	13.65 ng	419168	Phenanthrene-d10	17.321

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	89
2	Decane, 2-methyl-	156	C11H24	006975-98-0	87
3	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	76
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72
5	Tridecane	184	C13H28	000629-50-5	64





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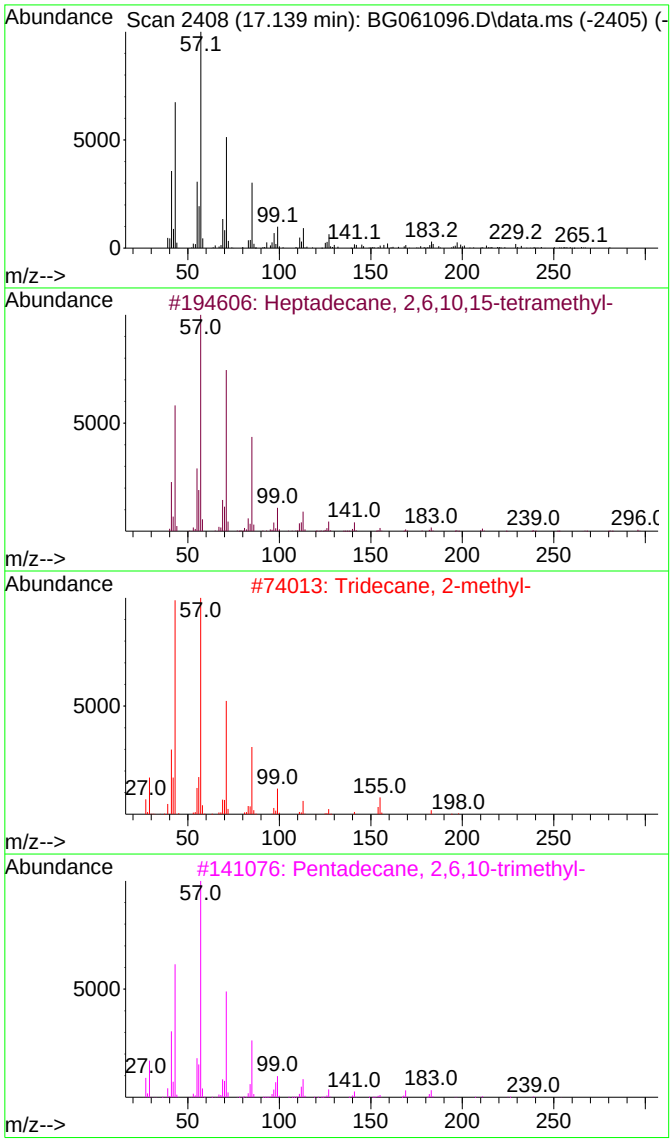
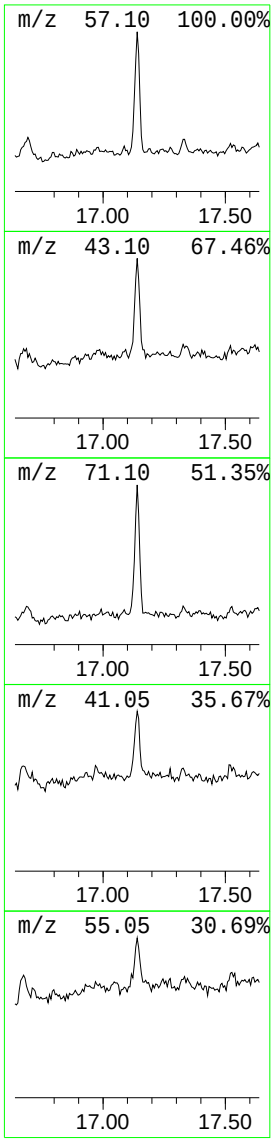
Peak Number 4 Heptadecane, 2,6,10,15-tetr... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.139	20.00 ng	614340	Phenanthrene-d10	17.321

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
2	Tridecane, 2-methyl-	198	C14H30	001560-96-9	90
3	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
4	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	83
5	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	81





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	3.156	11.3	ng	112341	1	7.938	198589	20.0
unknown14.060	14.060	2.0	ng	47097	3	14.566	467492	20.0
Dodecane, 2,6,1...	16.317	13.7	ng	419168	4	17.321	614340	20.0
Heptadecane, 2,...	17.139	20.0	ng	614340	4	17.321	614340	20.0