LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062119\
Data File : BG041378.D
Acq On : 21 Jun 2019 14:41
Operator : HP/JU
Sample : K3382-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GRAVEL-2

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-BG061719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.605	422	428	439	rBV	429923	687490	32.33%	6.249%
2	7.221	697	703	719	rBV	429652	789917	37.15%	7.180%
3	7.597	760	767	782	rVB	439968	772958	36.35%	7.026%
4	8.067	841	847	859	rVB	108189	189693	8.92%	1.724%
5	8.390	895	902	911	rBV	344066	584964	27.51%	5.317%
6	9.248	1041	1048	1066	rBV2	259588	494112	23.24%	4.491%
7	10.893	1320	1328	1340	rBV2	133293	244419	11.49%	2.222%
8	13.325	1735	1742	1756	rBV	797781	1208862	56.85%	10.988%
9	14.154	1877	1883	1892	rBV	35109	60025	2.82%	0.546%
10	14.706	1971	1977	1987	rBV2	239616	385188	18.11%	3.501%
11	16.198	2223	2231	2242	rBV	643666	1054984	49.61%	9.589%
12	17.456	2438	2445	2450	rBV2	341092	544411	25.60%	4.948%
13	18.308	2585	2590	2600	rBV2	76317	134350	6.32%	1.221%
14	19.500	2789	2793	2801	rVB	28773	41869	1.97%	0.381%
15	19.571	2802	2805	2811	rBV8	13724	23118	1.09%	0.210%
16	19.865	2852	2855	2861	rBV	22696	30592	1.44%	0.278%
17	20.053	2880	2887	2896	rBV	1587502	2126559	100.00%	19.329%
18	21.316	3099	3102	3104	rBV4	24021	26033	1.22%	0.237%
19	21.375	3107	3112	3128	rVB7	52803	181225	8.52%	1.647%
20	21.727	3166	3172	3178	rBV2	375996	618541	29.09%	5.622%
21	21.862	3192	3195	3202	rVB3	25800	41265	1.94%	0.375%
22	22.479	3296	3300	3305	rVB3	32136	51059	2.40%	0.464%
23	23.173	3414	3418	3424	rVB2	33218	62914	2.96%	0.572%
24	23.989	3552	3557	3564	rVB4	39742	89592	4.21%	0.814%
25	25.035	3727	3735	3744	rVB	196736	557731	26.23%	5.069%

Sum of corrected areas: 11001871

LSC Report - Integrated Chromatogram

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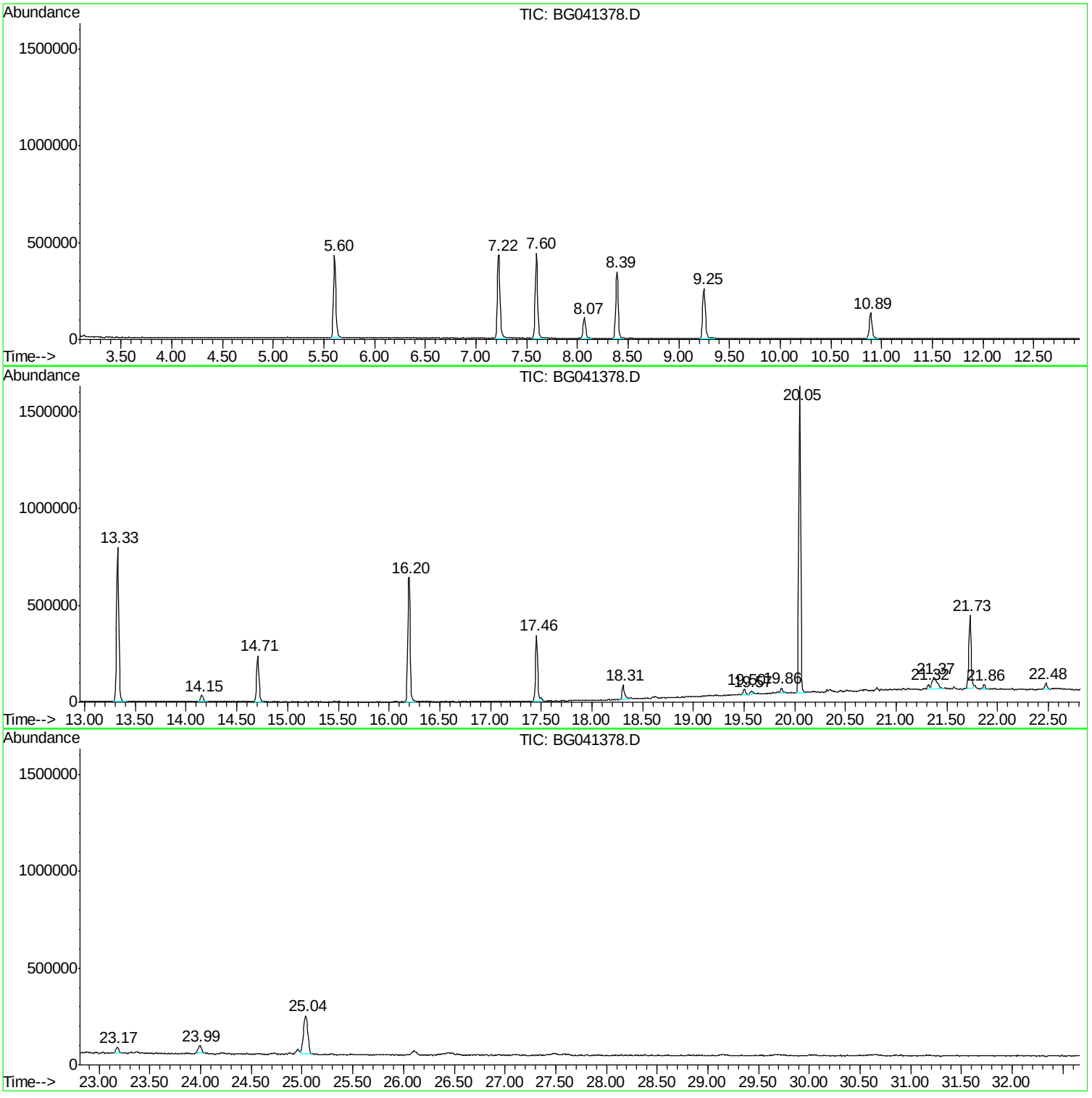
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GRAVEL-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062119\
Data File : BG041378.D
Acq On : 21 Jun 2019 14:41
Operator : HP/JU
Sample : K3382-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GRAVEL-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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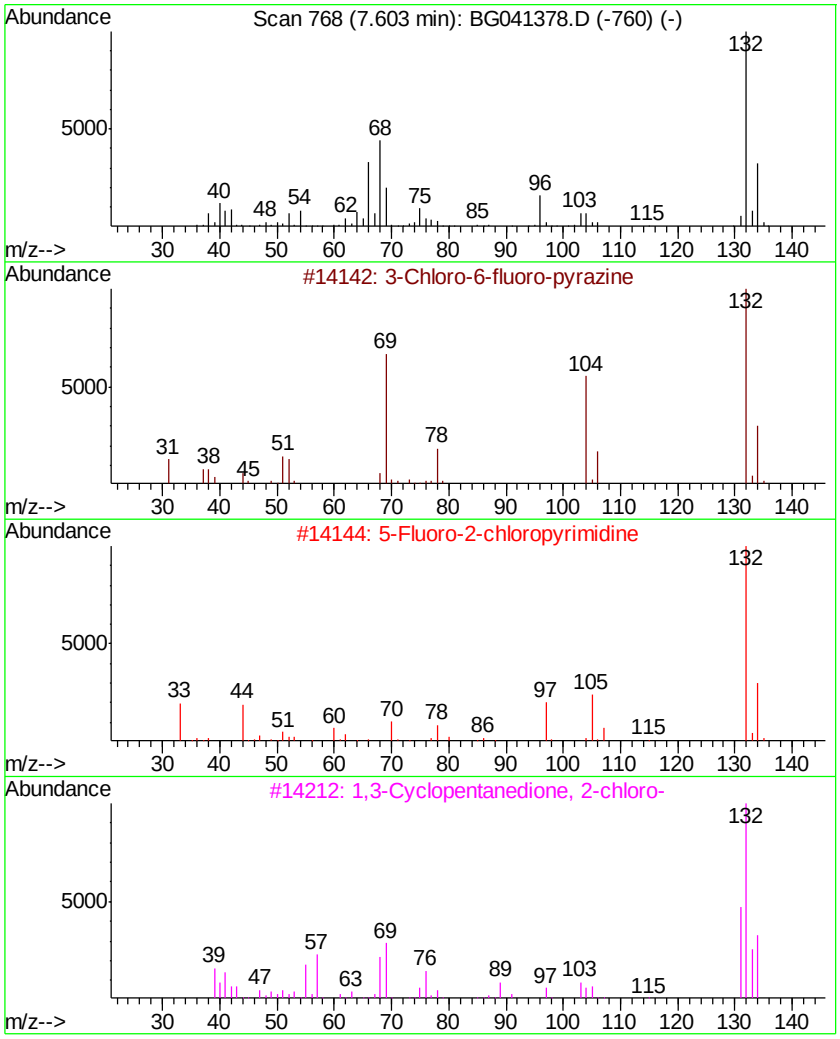
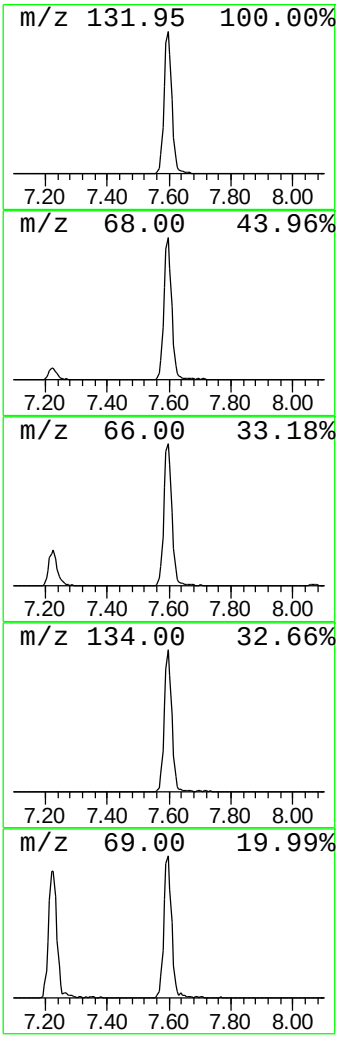
Peak Number 1 unknown7.60 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	81.50 ng	772958	1,4-Dichlorobenzene-d4	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	27
3	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	25
4	5-Aminoindole	132	C8H8N2	005192-03-0	22
5	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	12





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Sample : K3382-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GRAVEL-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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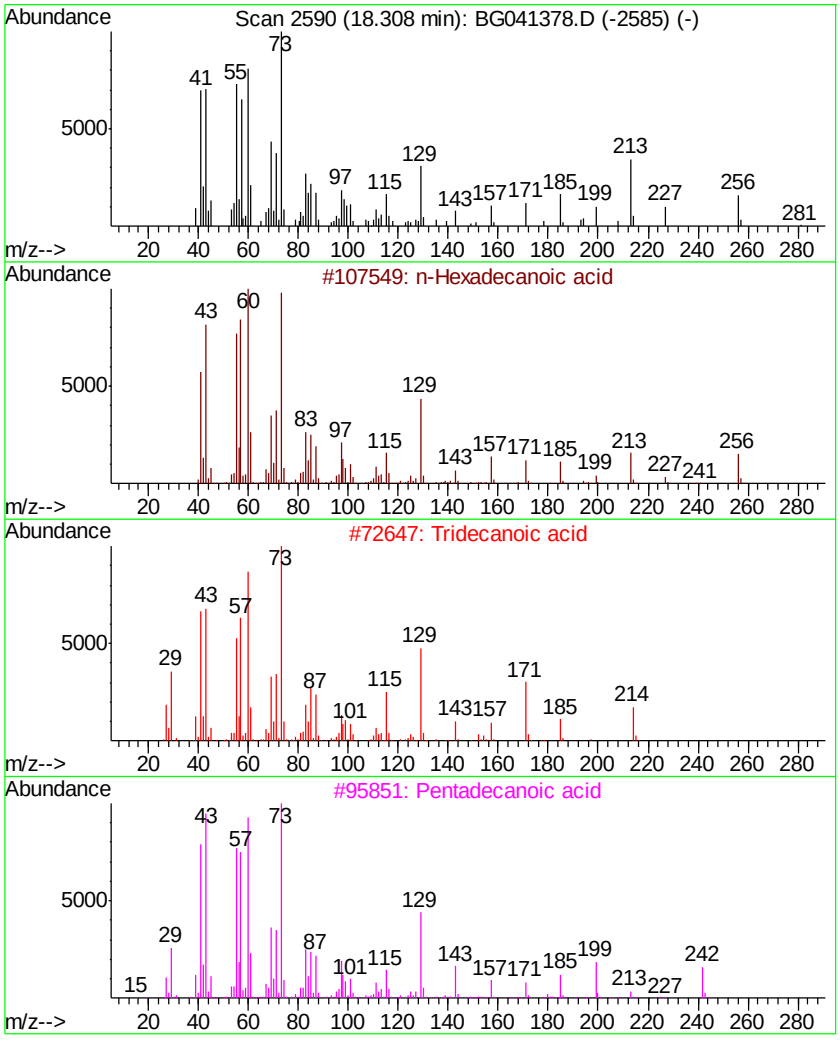
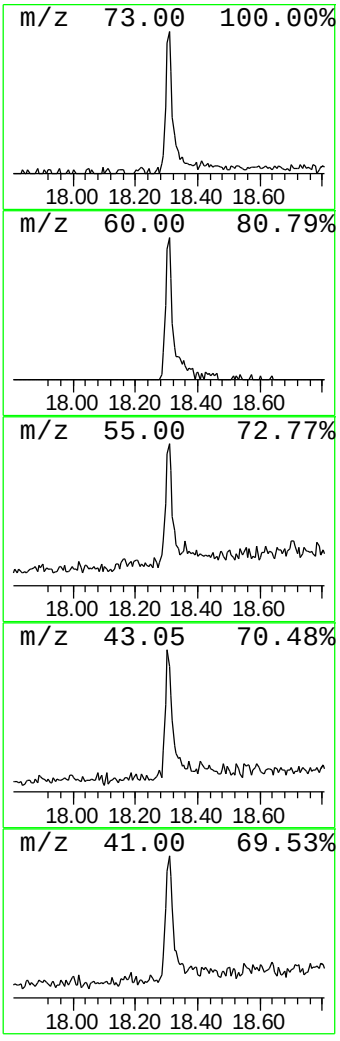
Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.31	4.94 ng	134350	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	Dodecanoic acid	200	C12H24O2	000143-07-7	58





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Misc :
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Instrument : BNA_G
ClientSampleId : GRAVEL-2

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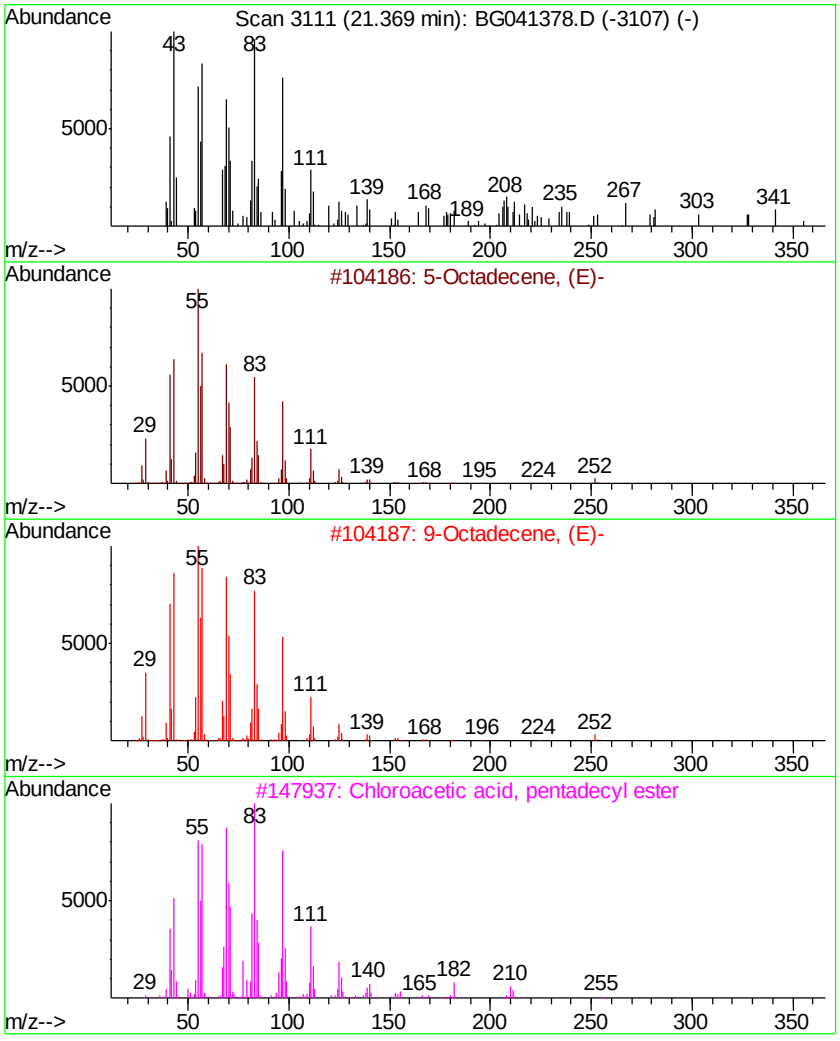
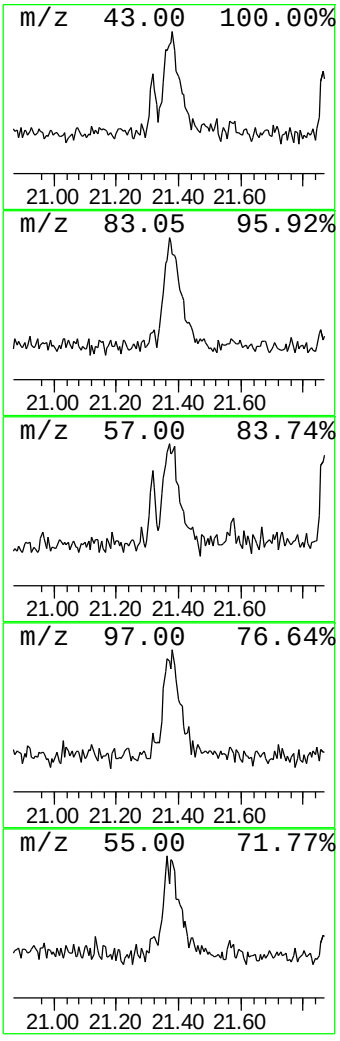
Peak Number 4 5-Octadecene, (E)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.37	5.86 ng	181225	Chrysene-d12	21.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Octadecene, (E)-	252	C18H36	007206-21-5	91
2	9-Octadecene, (E)-	252	C18H36	007206-25-9	89
3	Chloroacetic acid, pentadecyl ester	304	C17H33ClO2	070301-47-2	86
4	4-Trifluoroacetoxyhexadecane	338	C18H33F3O2	1000215-97-5	86
5	9-Eicosene, (E)-	280	C20H40	074685-29-3	81





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Instrument : BNA_G
ClientSampleId : GRAVEL-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.M
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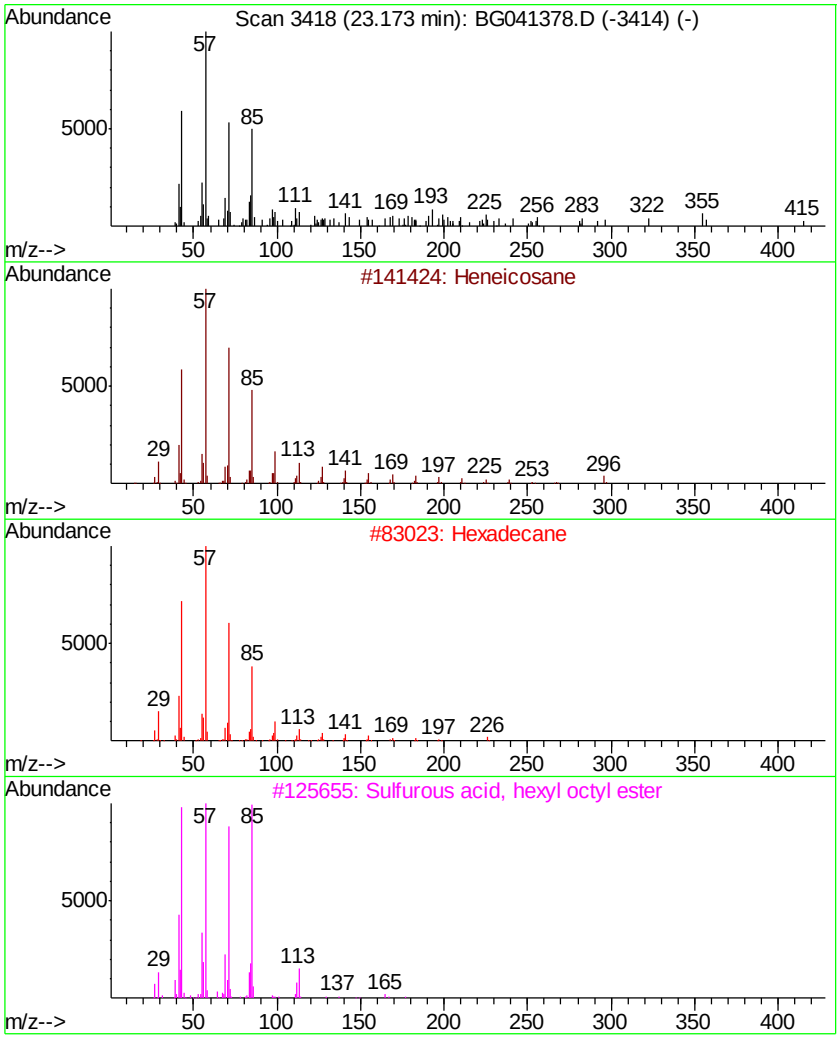
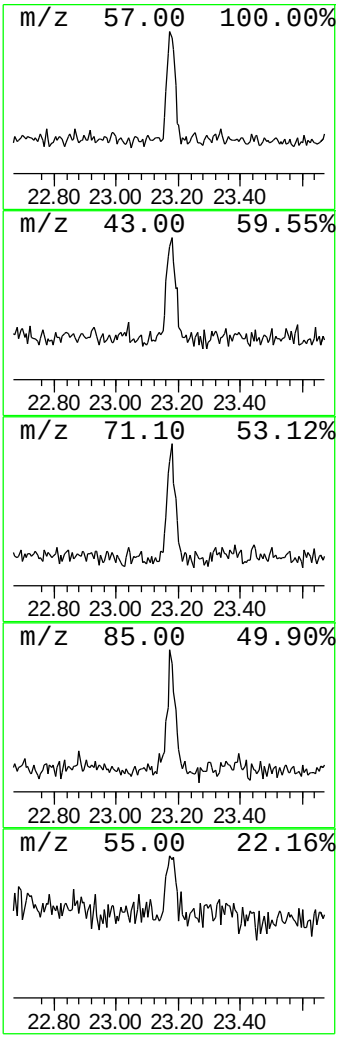
Peak Number 5 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.17	2.03 ng	62914	Chrysene-d12	21.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	70
2	Hexadecane	226	C16H34	000544-76-3	64
3	Sulfurous acid, hexyl octyl ester	278	C14H30O3S	1000309-13-0	58
4	Tetradecane	198	C14H30	000629-59-4	52
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	49





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Misc :
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Instrument : BNA_G
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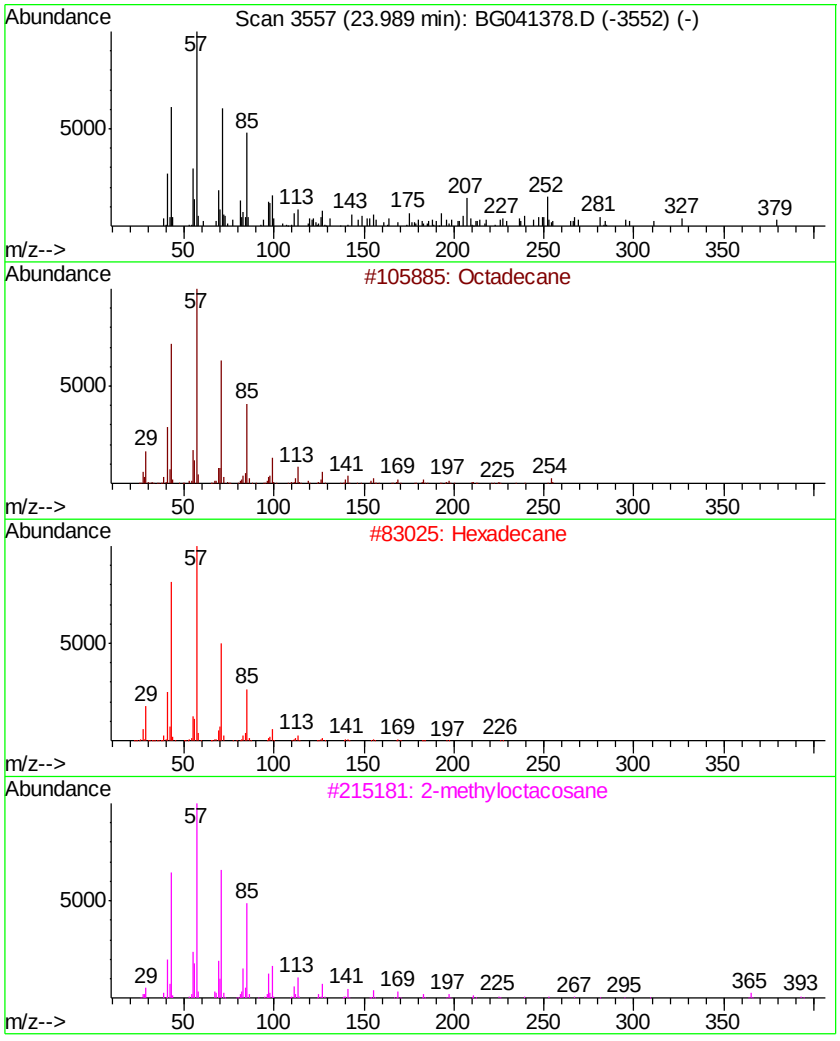
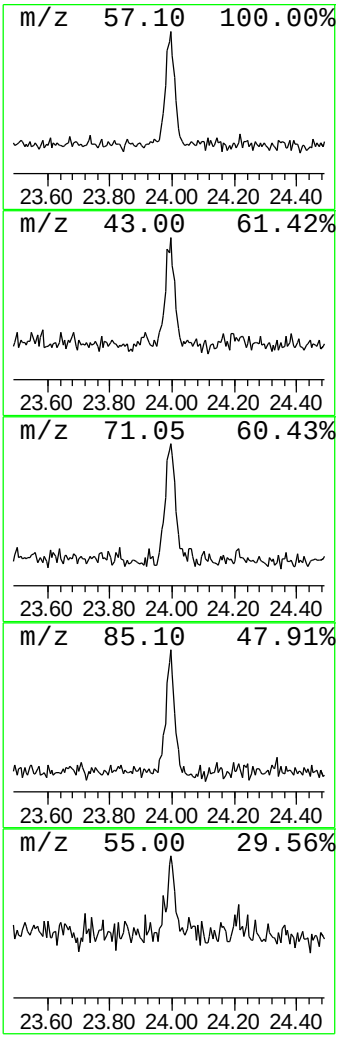
****

Peak Number 6 Octadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.99	3.21 ng	89592	Perylene-d12	25.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	83
2	Hexadecane	226	C16H34	000544-76-3	64
3	2-methyloctacosane	408	C29H60	1000376-72-8	58
4	Pentadecane	212	C15H32	000629-62-9	58
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	52





Tentatively Identified Compound (LSC) summary

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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown7.60	7.60	81.5	ng	772958	1	8.07	189693	20.0
n-Hexadecanoic acid	18.31	4.9	ng	134350	4	17.46	544411	20.0
5-Octadecene, (E)-	21.37	5.9	ng	181225	5	21.73	618541	20.0
Heneicosane	23.17	2.0	ng	62914	5	21.73	618541	20.0
Octadecane	23.99	3.2	ng	89592	6	25.04	557731	20.0