LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062419\
Data File : BG041436.D
Acq On : 25 Jun 2019 00:24
Operator : HP/JU
Sample : K3499-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B-5(10-11)

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	5.585	418	425	436	rBV	368717	632798	34.27%	6.213%
2	7.200	693	700	711	rBV	435182	778940	42.18%	7.648%
3	7.570	757	763	774	rVB	429499	744305	40.30%	7.308%
4	8.040	838	843	852	rBV	106555	189918	10.28%	1.865%
5	8.364	891	898	908	rBV	325776	584792	31.67%	5.742%
6	9.227	1037	1045	1060	rBV	264635	517123	28.00%	5.077%
7	10.867	1317	1324	1340	rVB	148609	276921	15.00%	2.719%
8	13.305	1732	1739	1753	rBV	812806	1257169	68.08%	12.344%
9	13.546	1774	1780	1787	rVB3	15265	24460	1.32%	0.240%
10	14.127	1873	1879	1888	rBV	139401	217492	11.78%	2.135%
11	14.686	1968	1974	1983	rVB2	257825	411513	22.28%	4.040%
12	16.172	2221	2227	2250	rBV	625428	1004923	54.42%	9.867%
13	17.429	2435	2441	2454	rBV	327513	514571	27.86%	5.052%
14	18.287	2581	2587	2595	rBV4	27454	54697	2.96%	0.537%
15	20.032	2877	2884	2894	rBV	1380034	1846701	100.00%	18.132%
16	21.707	3161	3169	3185	rBV	310049	579659	31.39%	5.691%
17	21.836	3188	3191	3195	rVB5	12648	18973	1.03%	0.186%
18	22.453	3291	3296	3301	rVB4	17563	31224	1.69%	0.307%
19	23.146	3409	3414	3422	rVB4	22624	44459	2.41%	0.437%
20	23.334	3443	3446	3453	rVB5	13248	24315	1.32%	0.239%
21	23.951	3547	3551	3559	rVB6	20031	40881	2.21%	0.401%
22	24.921	3709	3716	3720	rBV5	15169	36111	1.96%	0.355%
23	24.991	3720	3728	3747	rVB2	111680	352791	19.10%	3.464%

Sum of corrected areas: 10184736

LSC Report - Integrated Chromatogram

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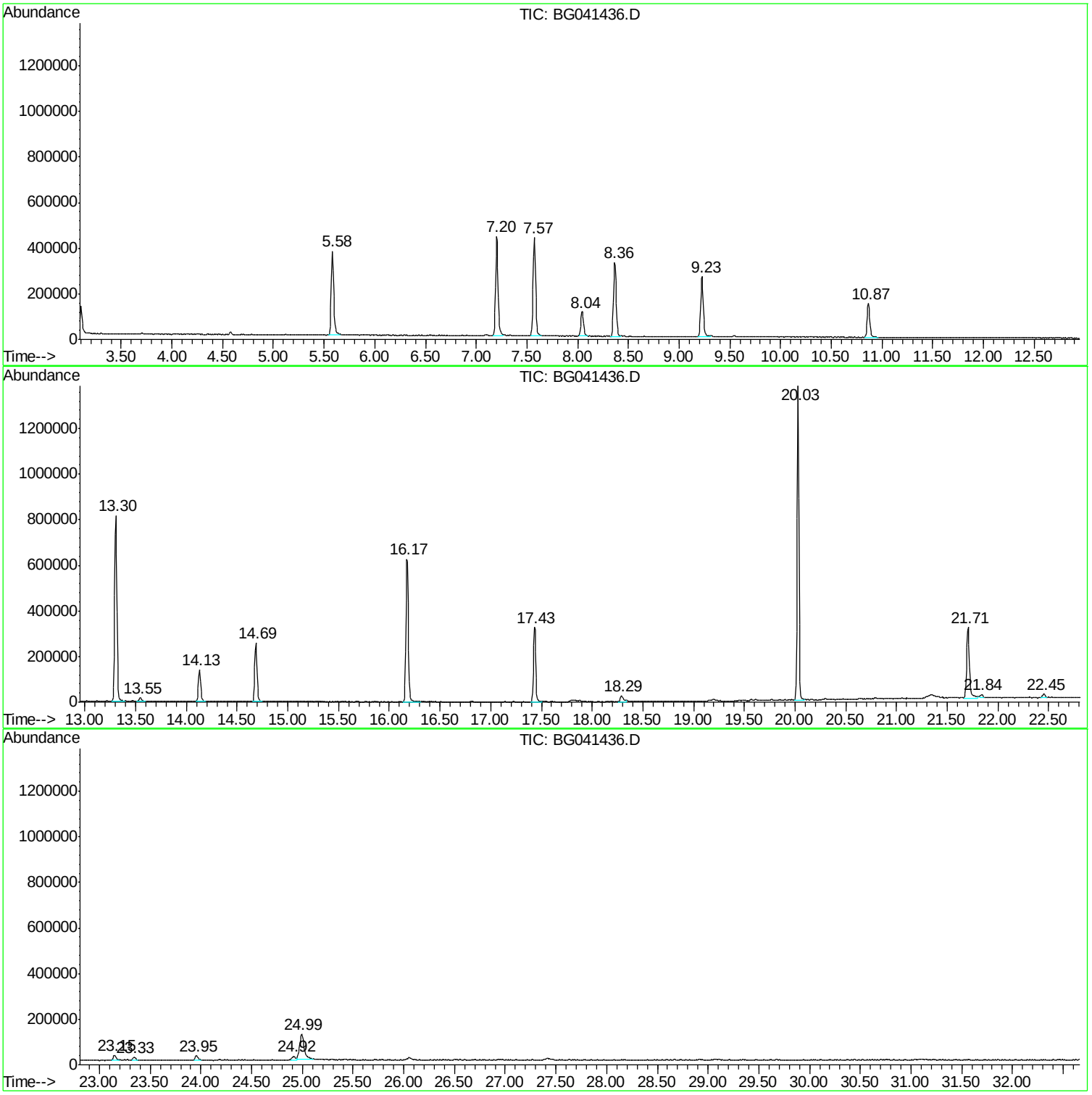
Sample : K3499-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-5(10-11)

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\BG062419\
Data File : BG041436.D
Acq On : 25 Jun 2019 00:24
Operator : HP/JU
Sample : K3499-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B-5(10-11)

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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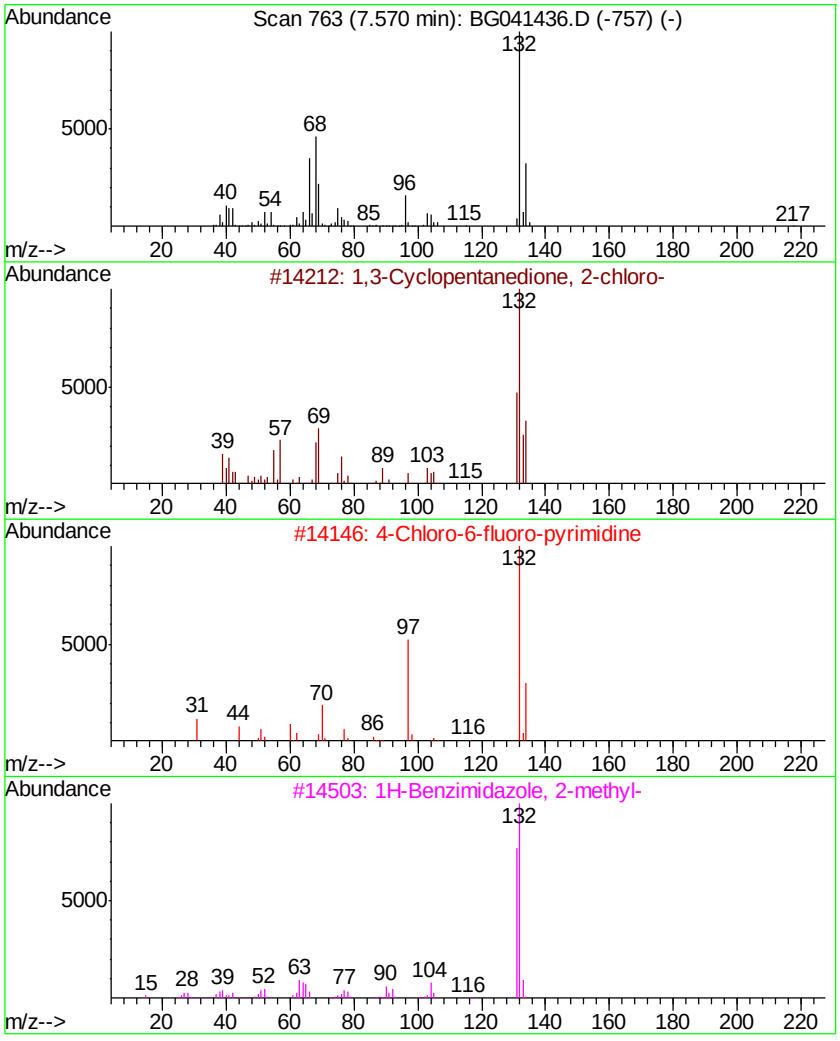
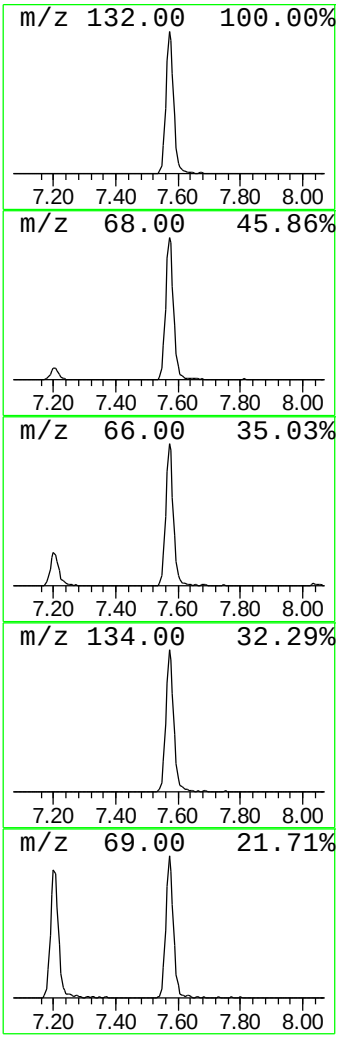
Peak Number 1 unknown7.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.57	78.38 ng	744305	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	38
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	12





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Sample : K3499-05
Misc :
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Instrument : BNA_G
ClientSampleId : B-5(10-11)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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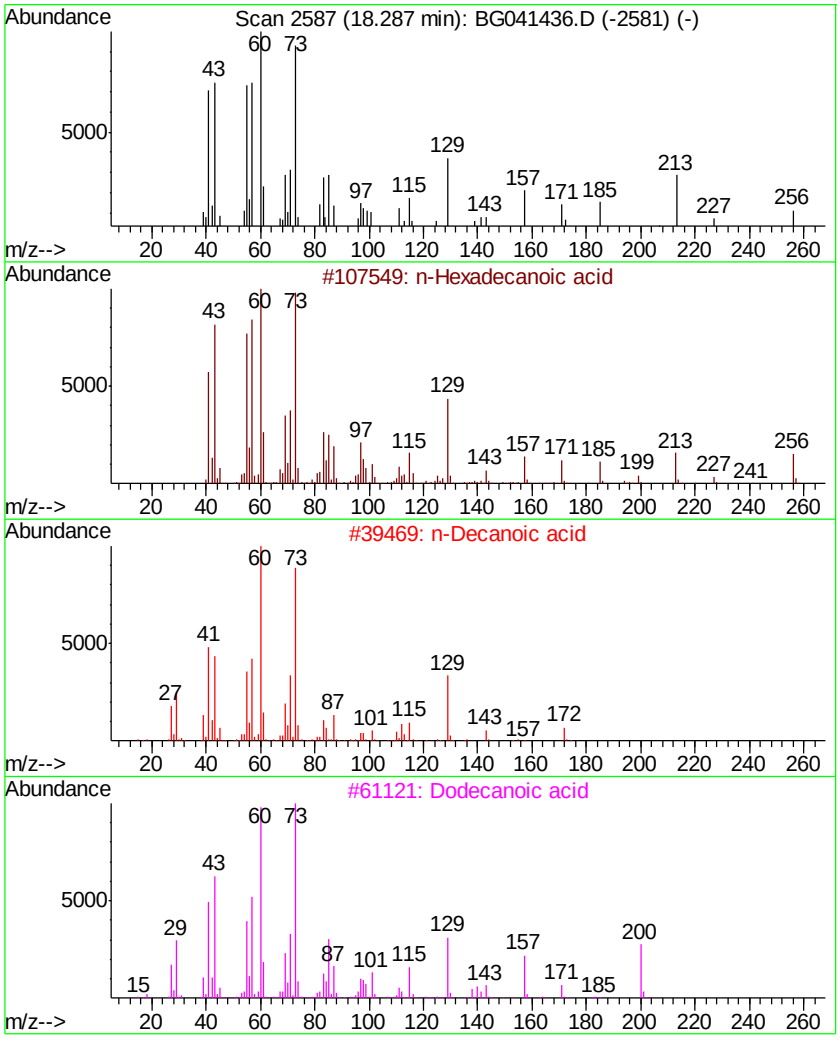
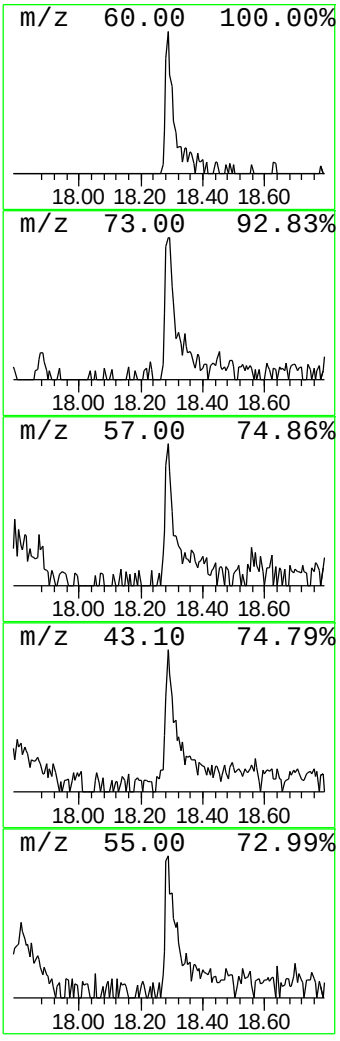
Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.29	2.13 ng	54697	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Decanoic acid	172	C10H20O2	000334-48-5	90
3	Dodecanoic acid	200	C12H24O2	000143-07-7	74
4	Tridecanoic acid	214	C13H26O2	000638-53-9	64
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	52





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062419\
Data File : BG041436.D
Acq On : 25 Jun 2019 00:24
Operator : HP/JU
Sample : K3499-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B-5(10-11)

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

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TIC Integration Parameters: LSCINT.P

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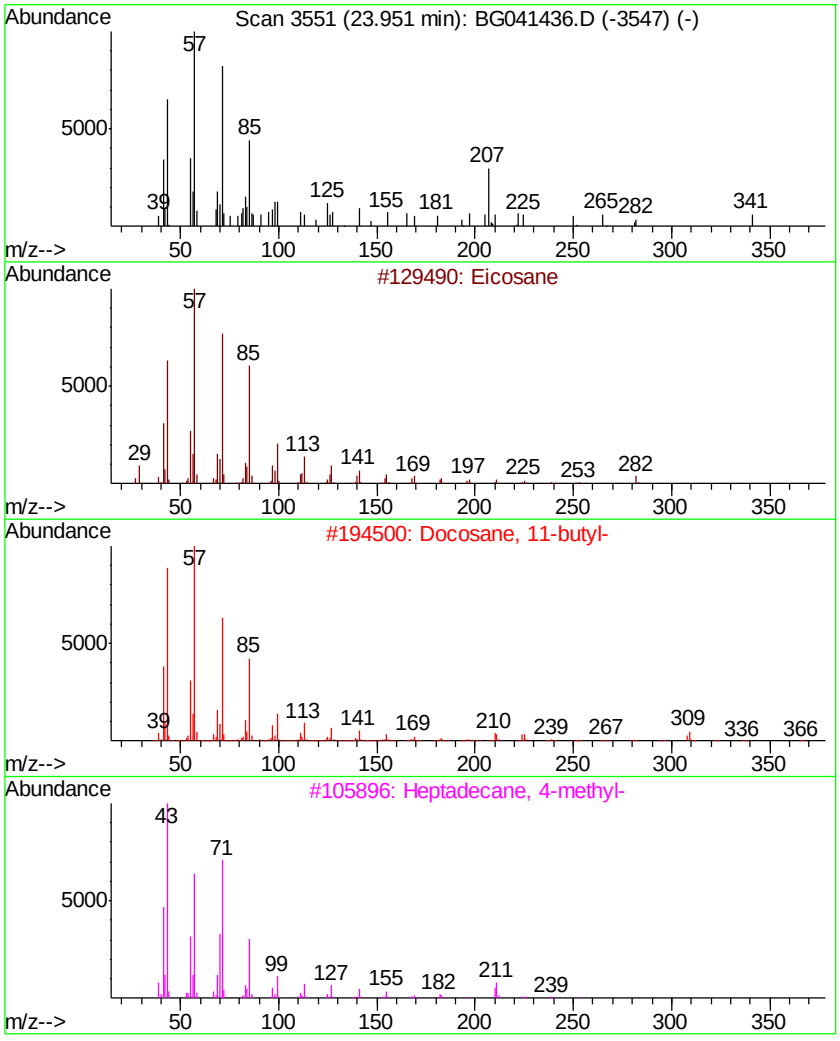
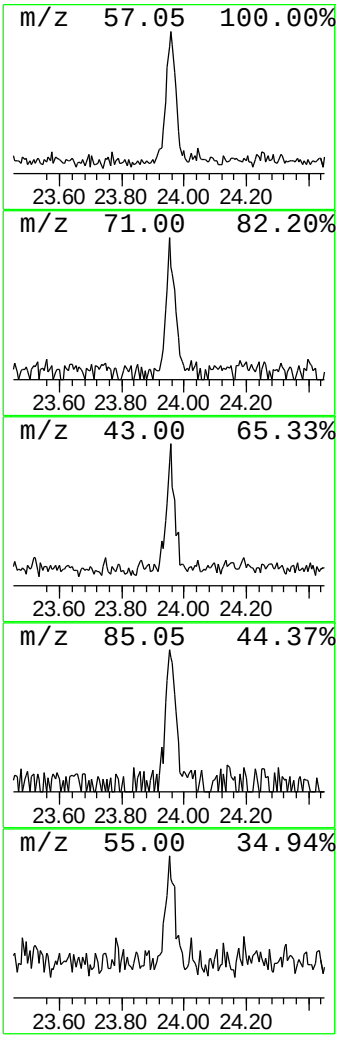
Peak Number 4 Eicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.95	2.32 ng	40881	Perylene-d12	24.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	89
2	Docosane, 11-butyl-	366	C26H54	013475-76-8	64
3	Heptadecane, 4-methyl-	254	C18H38	026429-11-8	64
4	Hexacosane	366	C26H54	000630-01-3	58
5	Heptadecane	240	C17H36	000629-78-7	53





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Data File : BG041436.D
Acq On : 25 Jun 2019 00:24
Operator : HP/JU
Sample : K3499-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B-5(10-11)

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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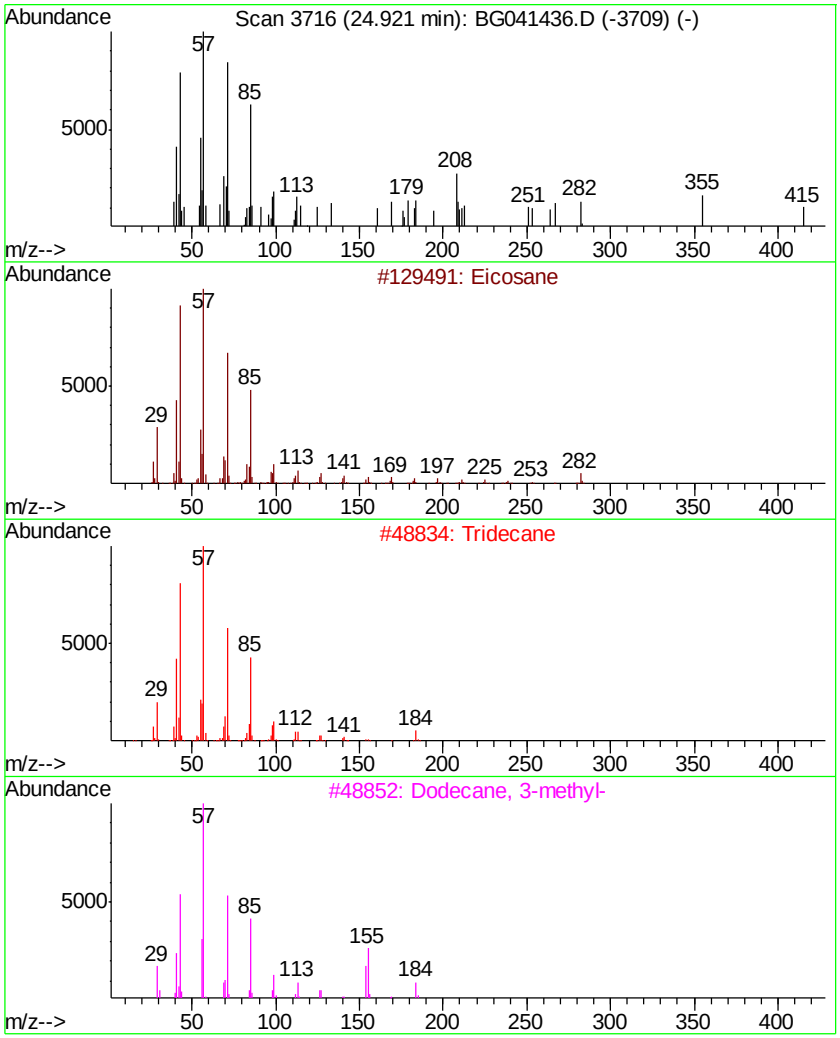
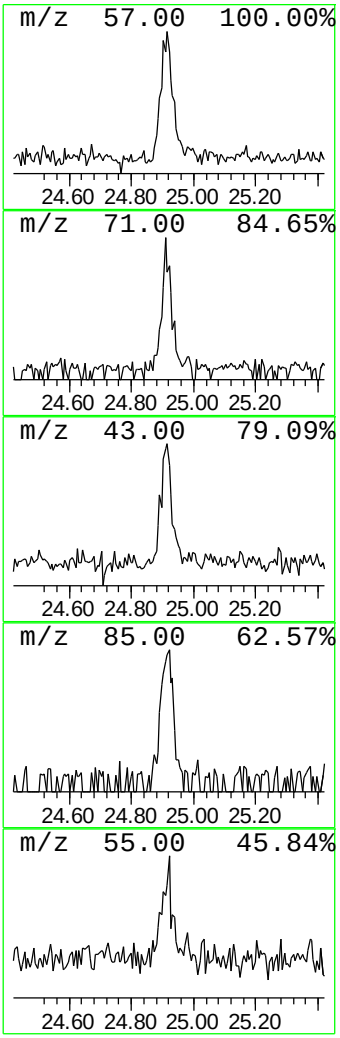
Peak Number 5 Tridecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.92	2.05 ng	36111	Perylene-d12	24.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	60
2	Tridecane	184	C13H28	000629-50-5	60
3	Dodecane, 3-methyl-	184	C13H28	017312-57-1	53
4	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	46
5	Hexadecane	226	C16H34	000544-76-3	46





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062419\
Data File : BG041436.D
Acq On : 25 Jun 2019 00:24
Operator : HP/JU
Sample : K3499-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B-5(10-11)

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown7.57	7.57	78.4	ng	744305	1	8.04	189918	20.0
n-Hexadecanoic acid	18.29	2.1	ng	54697	4	17.43	514571	20.0
Eicosane	23.95	2.3	ng	40881	6	24.99	352791	20.0
Tridecane	24.92	2.0	ng	36111	6	24.99	352791	20.0