LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062518\
Data File : BG035382.D
Acq On : 25 Jun 2018 17:34
Operator : JU/SJ
Sample : J3632-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPE-105-4(3-8)

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-BG060718.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	5.162	314	319	326	rVB	70369	112614	2.47%	0.482%
2	5.626	390	398	412	rBV	1030621	1713749	37.59%	7.336%
3	7.213	659	668	683	rBV	1129924	1962489	43.05%	8.401%
4	7.588	724	732	740	rBV	1073080	1824925	40.03%	7.812%
5	8.053	802	811	817	rBV2	185278	318336	6.98%	1.363%
6	8.376	859	866	875	rVB	794731	1390489	30.50%	5.952%
7	9.216	1000	1009	1018	rBV	647905	1186207	26.02%	5.078%
8	10.855	1281	1288	1297	rBV	232490	418838	9.19%	1.793%
9	13.298	1696	1704	1715	rBV	1936824	2908847	63.81%	12.452%
10	14.121	1837	1844	1852	rBV	182046	261644	5.74%	1.120%
11	14.673	1931	1938	1948	rBV2	399880	646368	14.18%	2.767%
12	16.159	2184	2191	2209	rBV	1665760	2466780	54.11%	10.559%
13	17.416	2398	2405	2413	rBV	563355	855681	18.77%	3.663%
14	18.298	2550	2555	2565	rBV	247372	372256	8.17%	1.593%
15	19.566	2766	2771	2784	rBV2	227409	326060	7.15%	1.396%
16	20.025	2843	2849	2855	rBV	3463411	4558776	100.00%	19.514%
17	21.323	3065	3070	3079	rBV5	35725	88378	1.94%	0.378%
18	21.681	3124	3131	3143	rBV	607236	999242	21.92%	4.277%
19	24.900	3667	3679	3694	rBV2	324241	949448	20.83%	4.064%

Sum of corrected areas: 23361127

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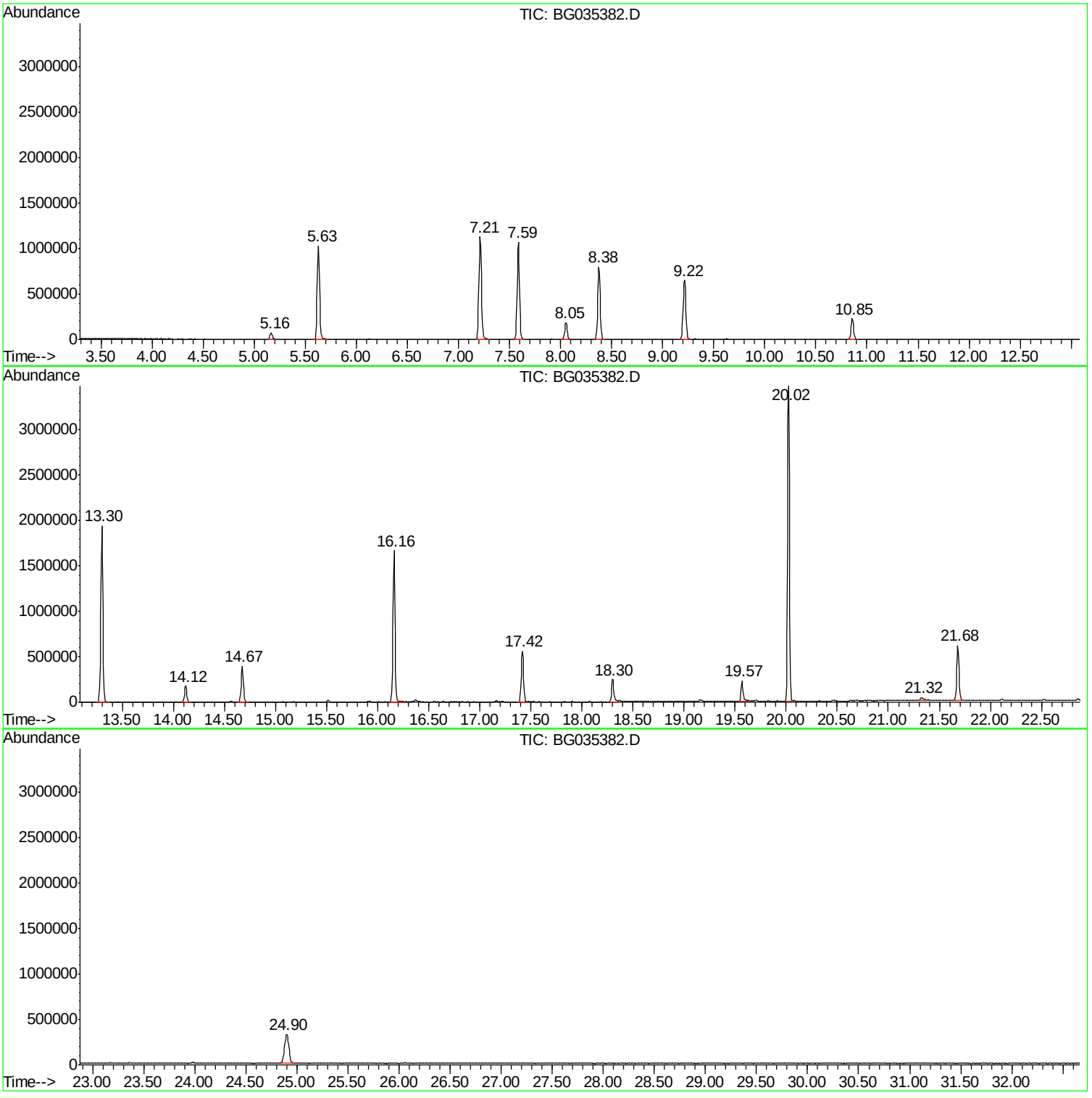
Instrument :
BNA_G
ClientSampleId :
EPE-105-4(3-8)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.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

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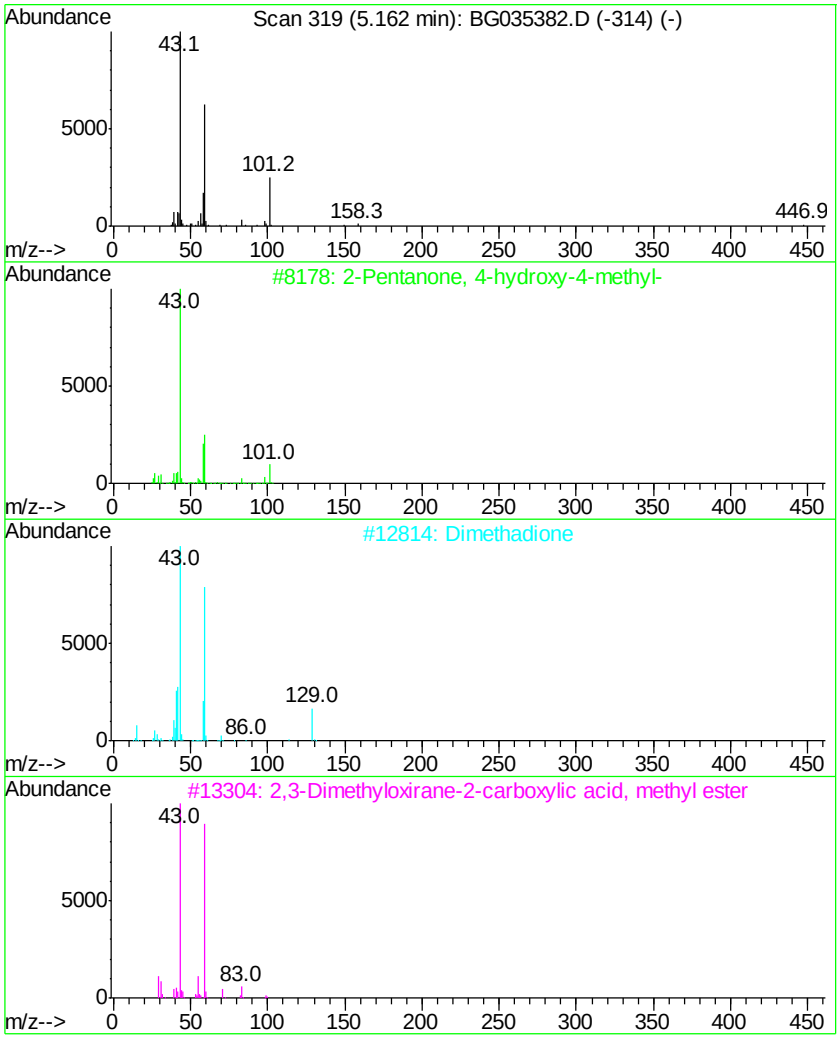
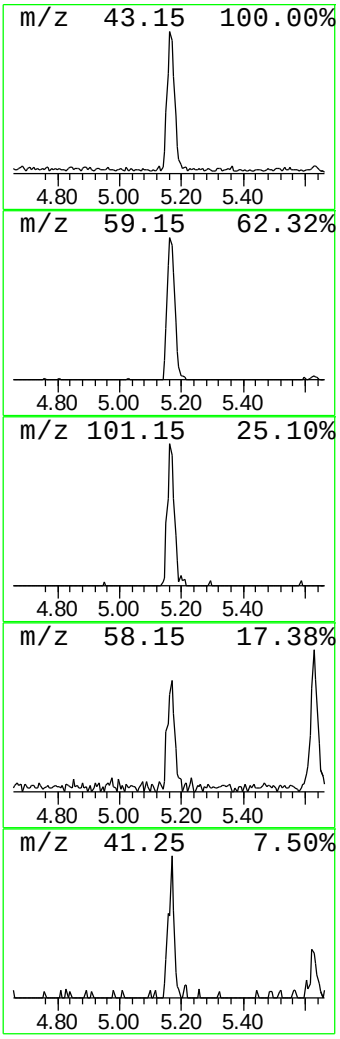
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.16	7.08 ng	112614	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Dimethadione	129	C5H7NO3	000695-53-4	33
3	2,3-Dimethyloxirane-2-carboxylic...	130	C6H10O3	1000306-64-4	28
4	4-Ethyl-3-octanol	158	C10H22O	019781-26-1	23
5	2,3-Butanediol, 2,3-dimethyl-	118	C6H14O2	000076-09-5	17





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ClientSampleId : EPE-105-4(3-8)

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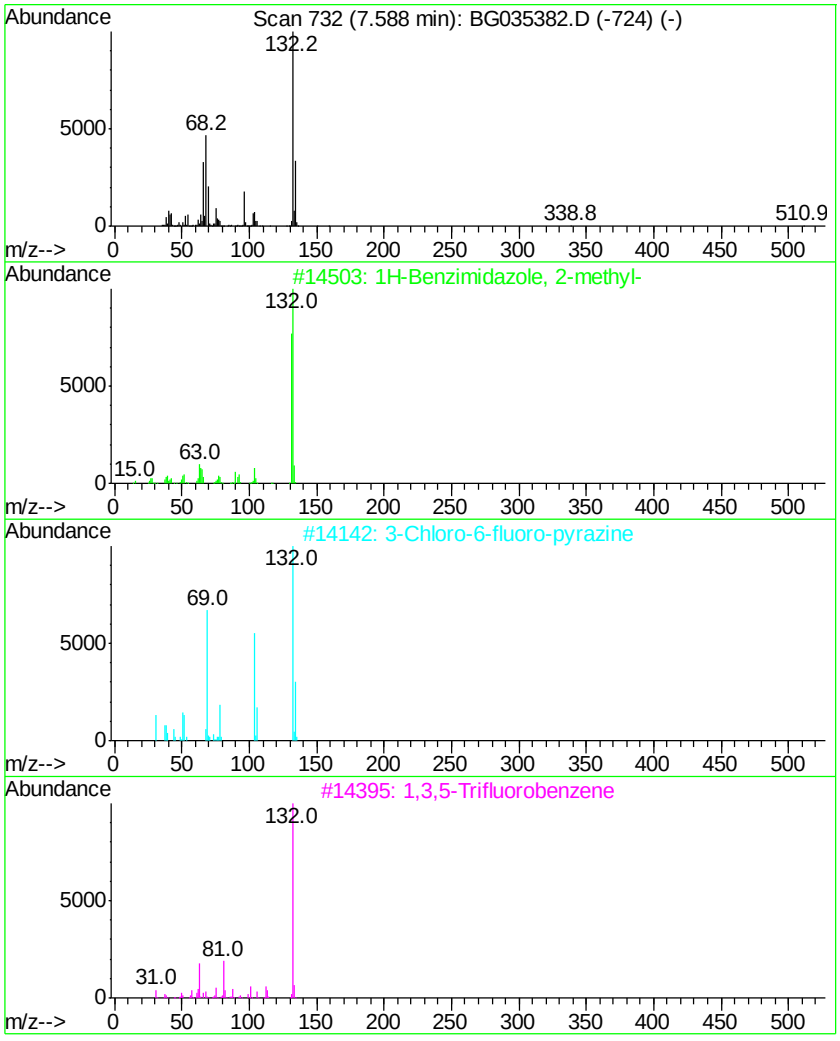
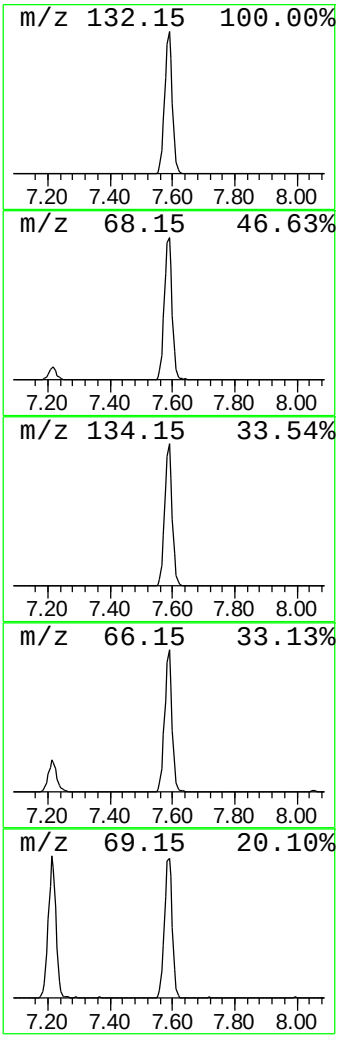
Peak Number 2 unknown7.59 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	114.65 ng	1824930	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	14
4	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	10
5	N-(-3,4-Methylenedioxyphenylisop...	267	C17H17NO2	1000378-96-6	10





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Instrument : BNA_G
ClientSampleId : EPE-105-4(3-8)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.M
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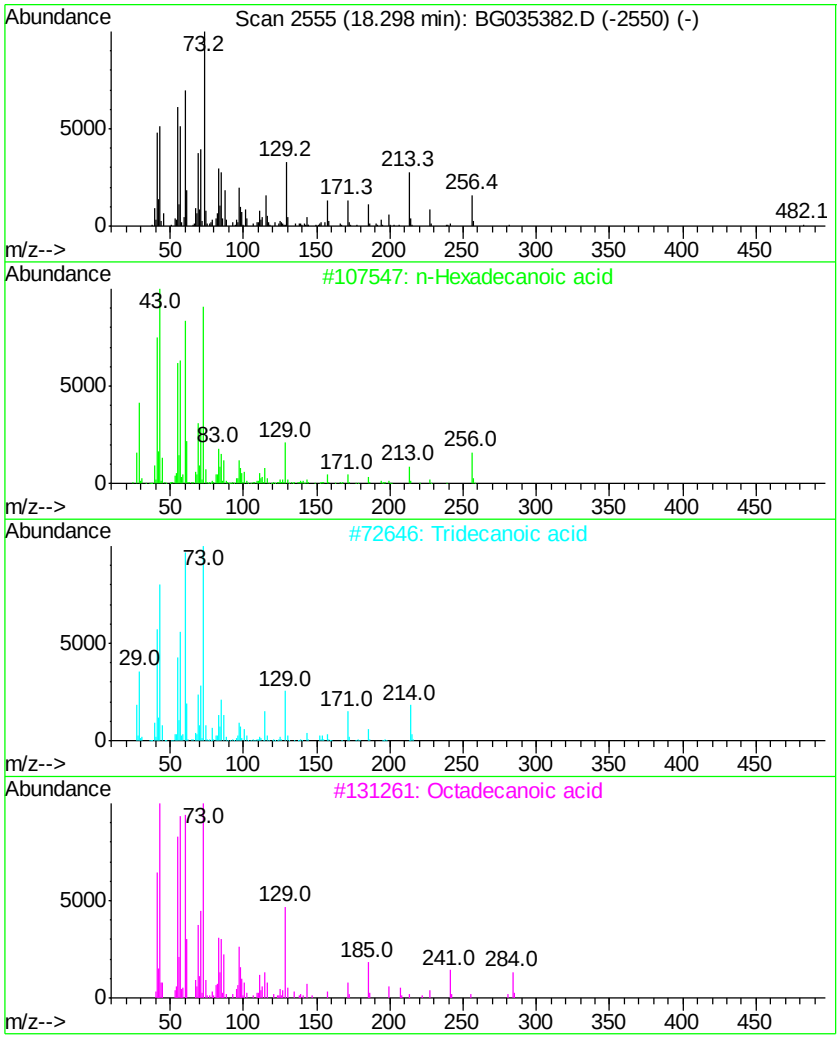
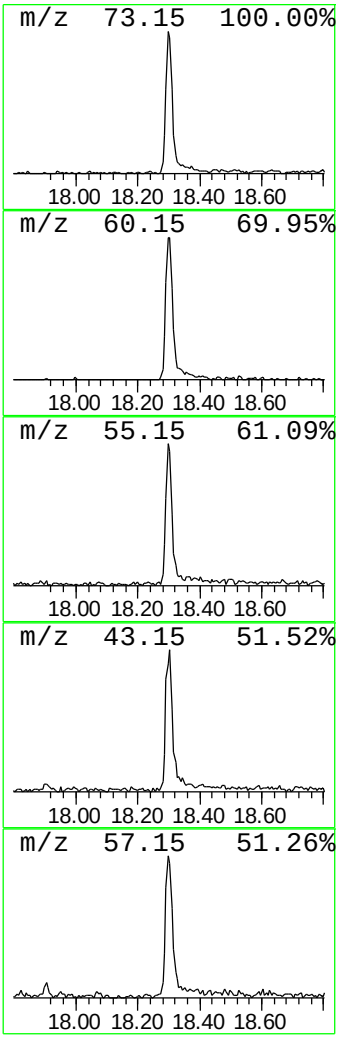
Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.30	8.70 ng	372256	Phenanthrene-d10	17.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tridecanoic acid	214	C13H26O2	000638-53-9	83
3	Octadecanoic acid	284	C18H36O2	000057-11-4	58
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	52
5	Oxalic acid, isobutyl pentadecyl...	356	C21H40O4	1000309-38-0	30





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Misc :
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Instrument : BNA_G
ClientSampleId : EPE-105-4(3-8)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.M
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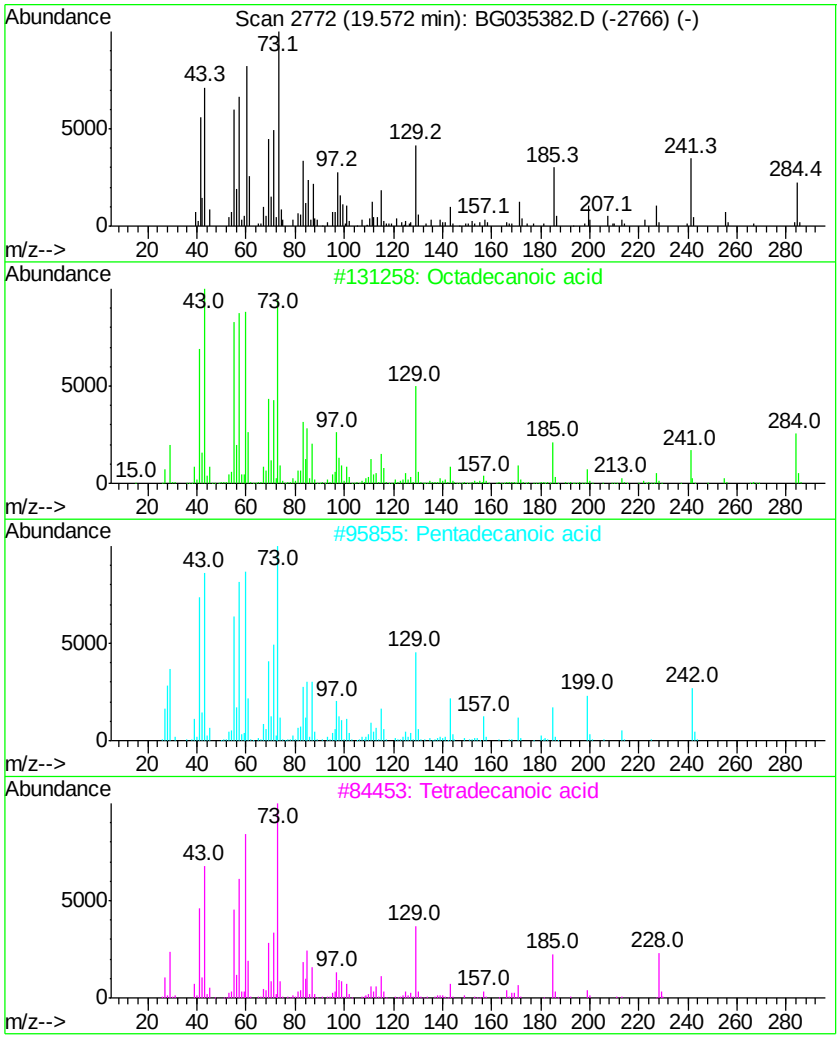
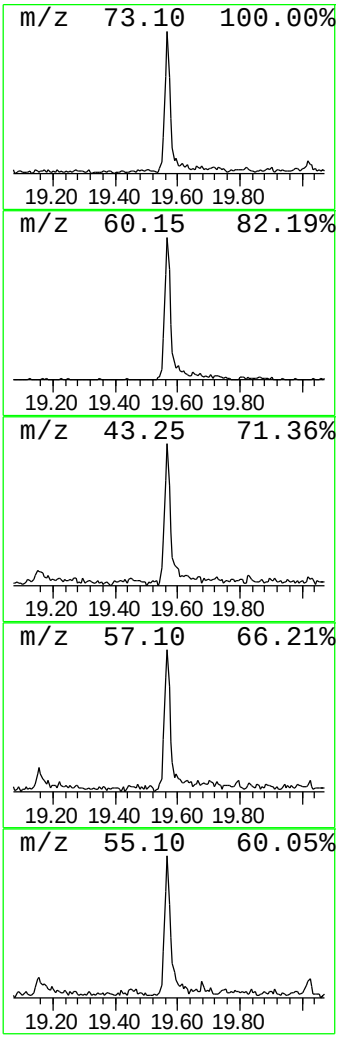
Peak Number 5 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.57	6.53 ng	326060	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	97
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	78
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
4	Tridecanoic acid	214	C13H26O2	000638-53-9	53
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	49





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.16	7.1	ng	112614	1	8.05	318336	20.0
unknown7.59	7.59	114.7	ng	1824930	1	8.05	318336	20.0
n-Hexadecanoic acid	18.30	8.7	ng	372256	4	17.42	855681	20.0
Octadecanoic acid	19.57	6.5	ng	326060	5	21.68	999242	20.0