LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062918\
Data File : BG035524.D
Acq On : 30 Jun 2018 3:13
Operator : JU/SJ
Sample : J3774-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-5(5-7)

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	5.174	316	321	327	rBV2	50304	77694	2.74%	0.585%
2	5.638	393	400	410	rBV	510673	832259	29.39%	6.263%
3	7.224	663	670	685	rBV	587857	1010163	35.67%	7.602%
4	7.600	725	734	744	rBV	512290	904321	31.93%	6.805%
5	8.064	805	813	820	rBV	97585	169514	5.99%	1.276%
6	8.387	861	868	877	rBV2	363030	631801	22.31%	4.755%
7	9.222	999	1010	1018	rBV	322569	588467	20.78%	4.428%
8	10.866	1281	1290	1301	rVB	138571	244040	8.62%	1.837%
9	13.310	1698	1706	1715	rBV	947612	1510868	53.35%	11.370%
10	14.127	1839	1845	1854	rBV	106023	159637	5.64%	1.201%
11	14.685	1931	1940	1948	rBV2	266343	435220	15.37%	3.275%
12	16.165	2185	2192	2201	rBV	943192	1462786	51.65%	11.008%
13	17.428	2400	2407	2414	rBV	395904	613892	21.68%	4.620%
14	18.309	2550	2557	2563	rBV2	94080	132935	4.69%	1.000%
15	20.030	2843	2850	2859	rBV	2201781	2832067	100.00%	21.313%
16	21.323	3066	3070	3083	rBV2	86699	145946	5.15%	1.098%
17	21.693	3125	3133	3142	rBV	427941	710290	25.08%	5.345%
18	23.367	3413	3418	3427	rVB2	81755	156163	5.51%	1.175%
19	24.912	3671	3681	3694	rVB2	237576	670198	23.66%	5.044%

Sum of corrected areas: 13288261

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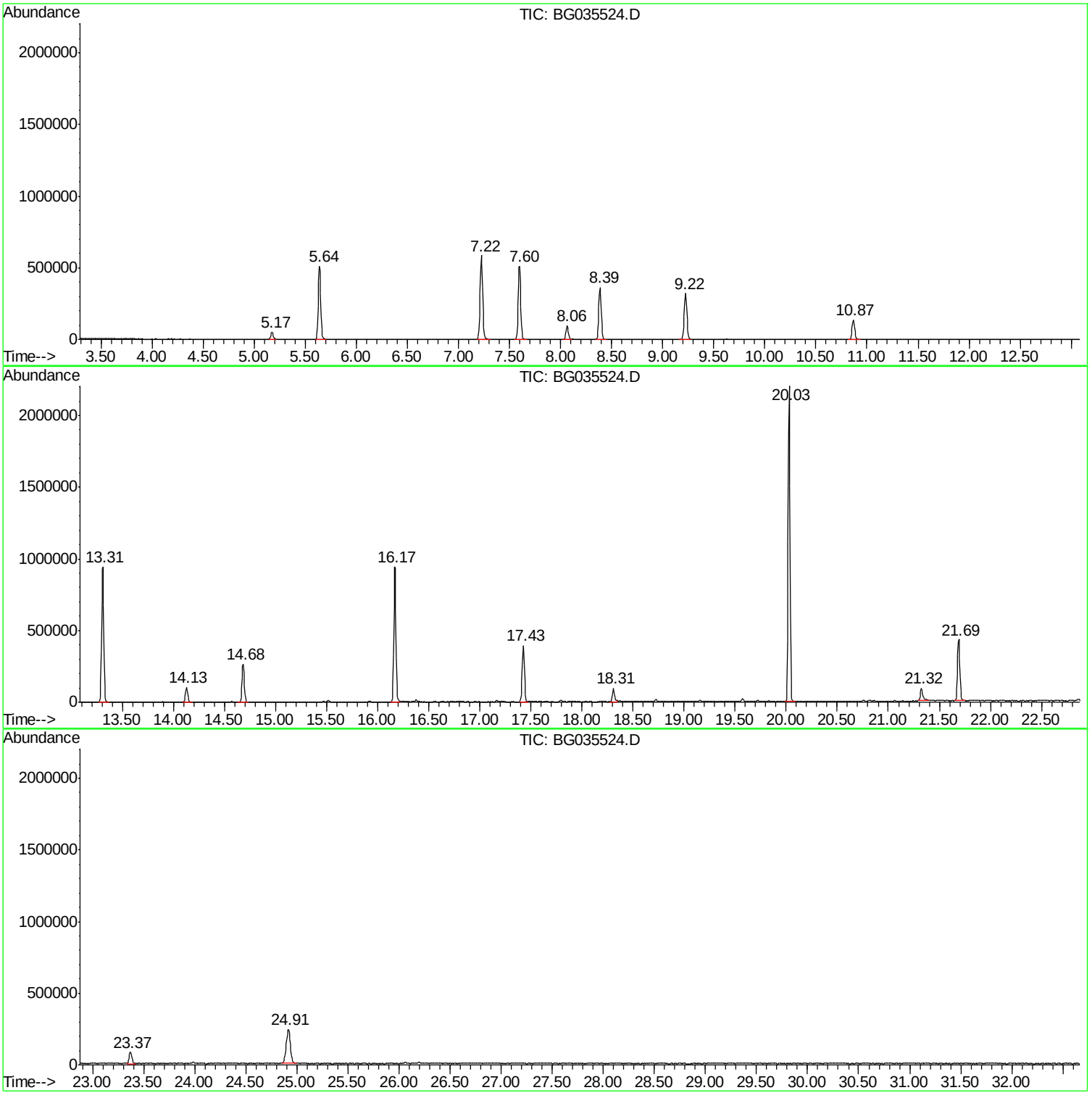
BNA_G
ClientSampleId :
SB-5(5-7)

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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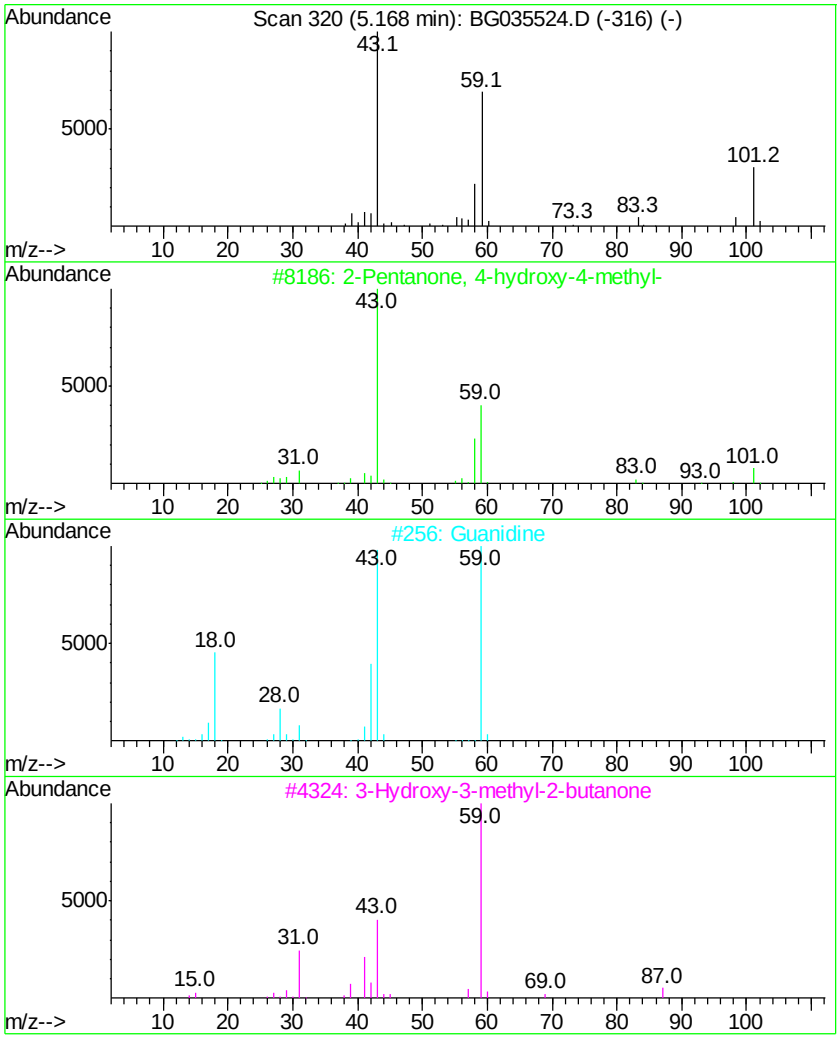
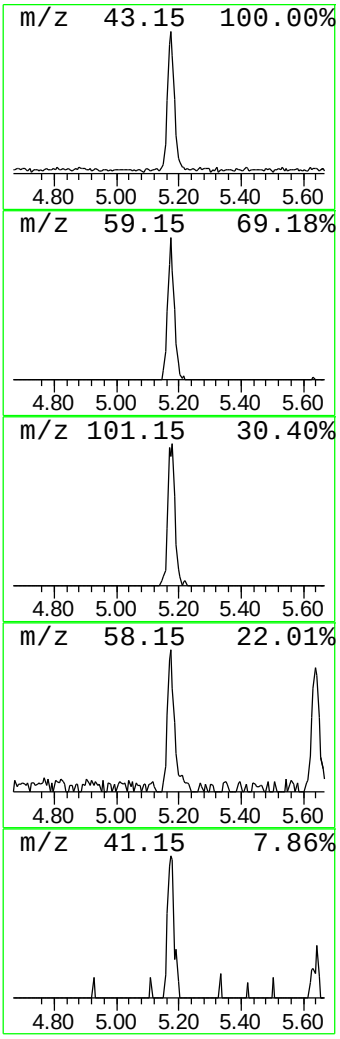
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.17	9.17 ng	77694	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Guanidine	59	CH5N3	000113-00-8	50
3	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	43
4	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	40
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	37





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Instrument : BNA_G
ClientSampleId : SB-5(5-7)

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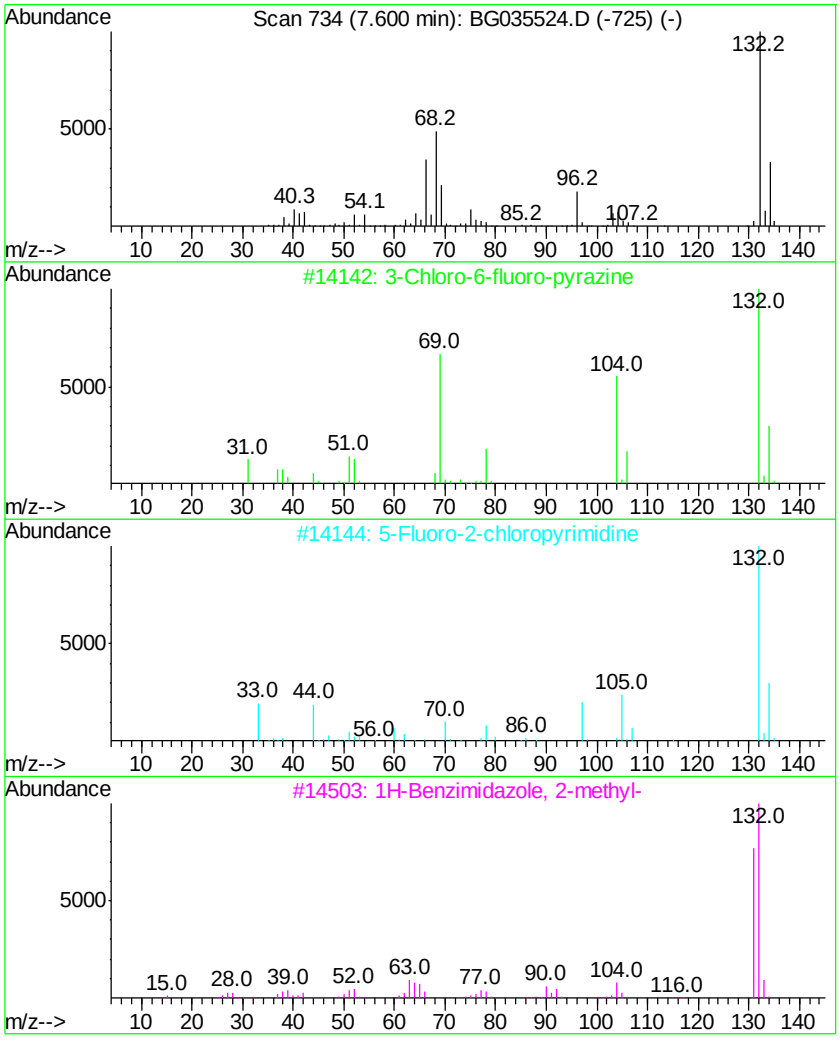
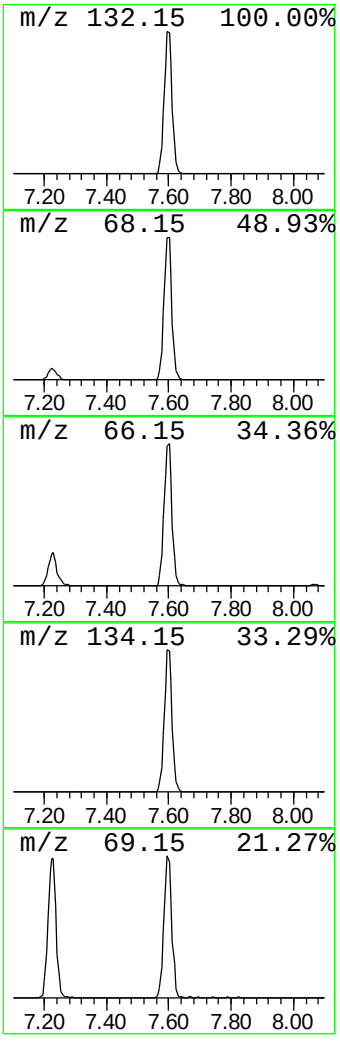
Peak Number 2 unknown7.60 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	106.70 ng	904321	1,4-Dichlorobenzene-d4	8.06

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	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	5-Aminoindole	132	C8H8N2	005192-03-0	16
5	N-(-3,4-Methylenedioxyphenylisop...	267	C17H17NO2	1000378-96-6	10





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Instrument : BNA_G
ClientSampleId : SB-5(5-7)

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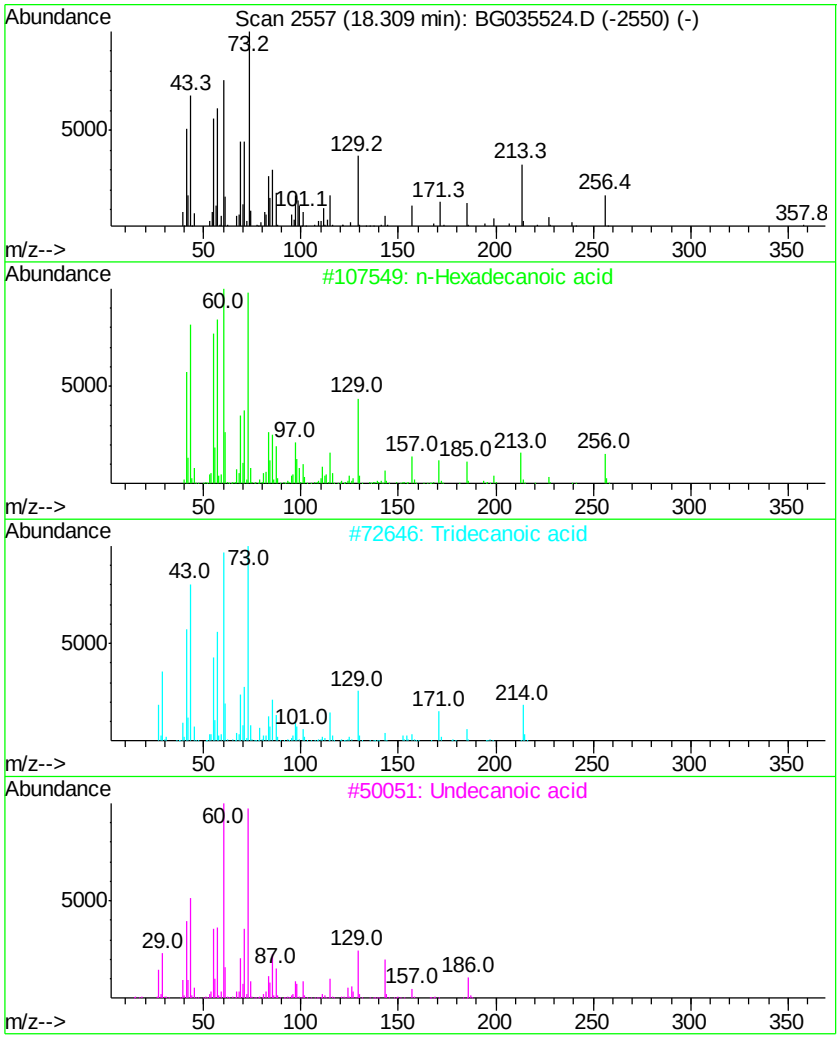
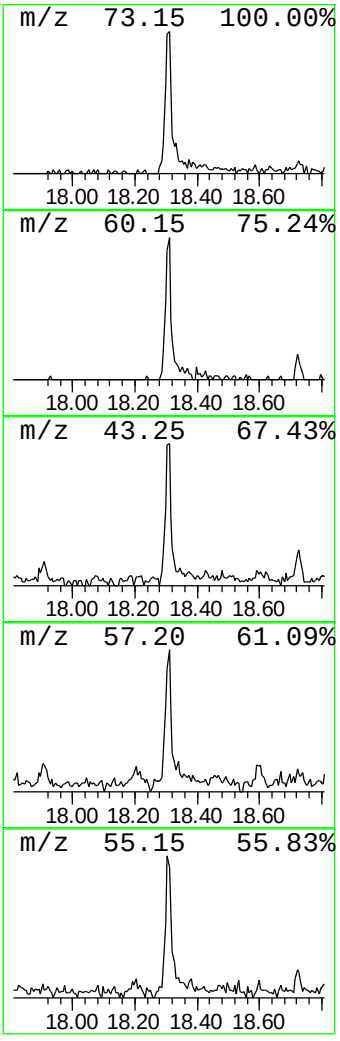
Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.31	4.33 ng	132935	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Undecanoic acid	186	C11H22O2	000112-37-8	76
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
5	n-Decanoic acid	172	C10H20O2	000334-48-5	52





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Instrument : BNA_G
ClientSampleId : SB-5(5-7)

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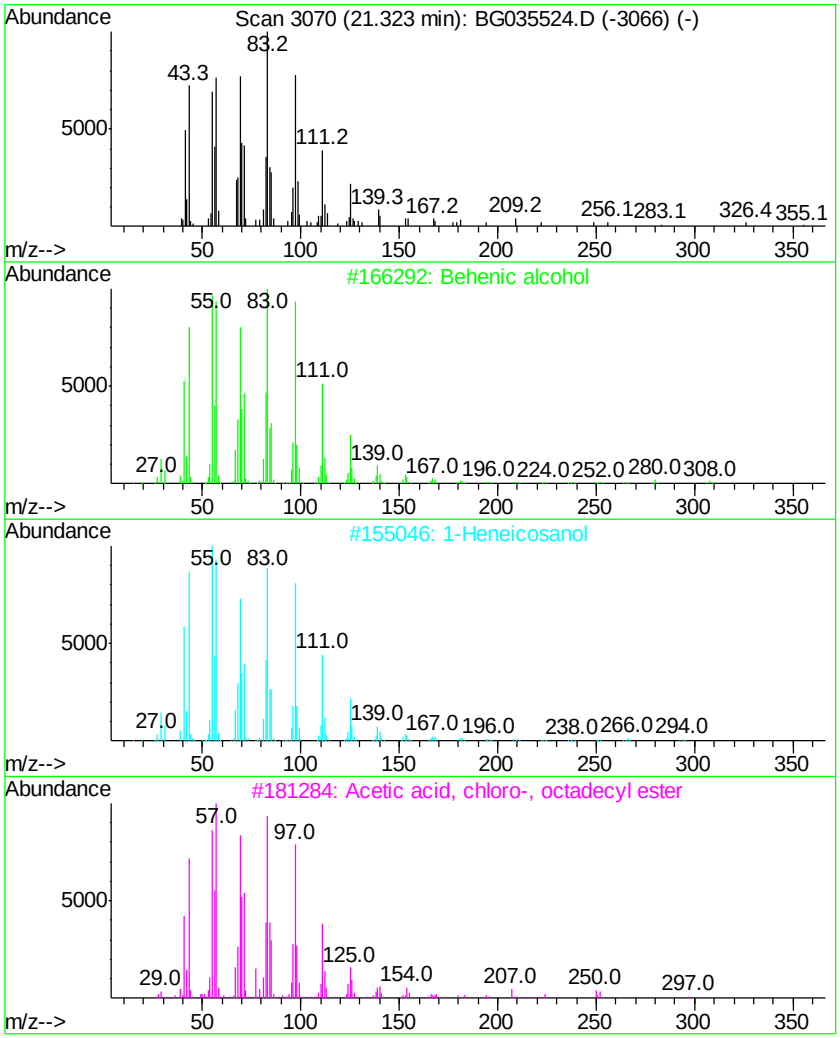
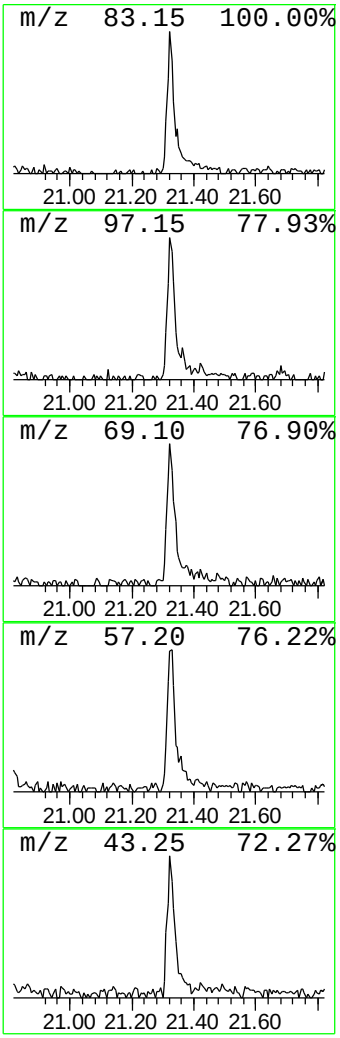
Peak Number 5 Behenic alcohol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.32	4.11 ng	145946	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	95
2	1-Heneicosanol	312	C21H44O	015594-90-8	94
3	Acetic acid, chloro-, octadecyl ...	346	C20H39ClO2	005348-82-3	94
4	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	94
5	9-Eicosene, (E)-	280	C20H40	074685-29-3	91





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Instrument : BNA_G
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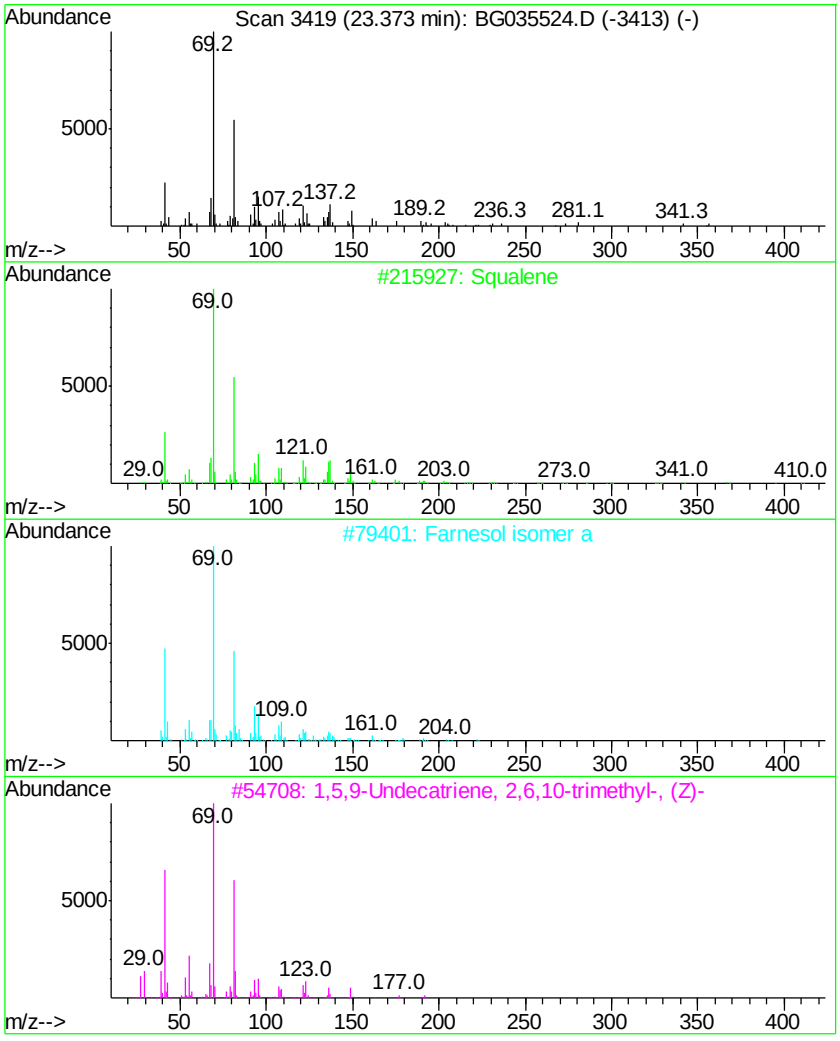
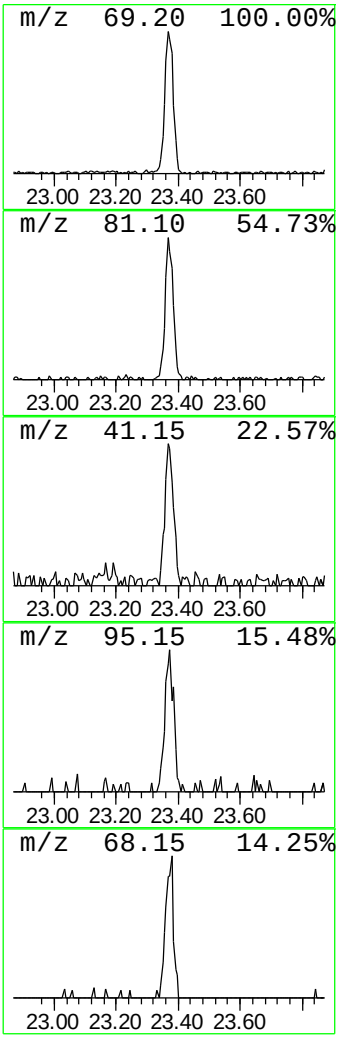
****

Peak Number 6 Squalene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.37	4.66 ng	156163	Perylene-d12	24.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	91
2	Farnesol isomer a	222	C15H26O	1000108-92-4	87
3	1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	87
4	Supraene	410	C30H50	007683-64-9	86
5	Docosa-2,6,10,14,18-pentaen-22-a...	384	C27H44O	1000163-04-7	78





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.17	9.2	ng	77694	1	8.06	169514	20.0
unknown7.60	7.60	106.7	ng	904321	1	8.06	169514	20.0
n-Hexadecanoic acid	18.31	4.3	ng	132935	4	17.43	613892	20.0
Behenic alcohol	21.32	4.1	ng	145946	5	21.69	710290	20.0
Squalene	23.37	4.7	ng	156163	6	24.91	670198	20.0