LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050915\
Data File : BG016997.D
Acq On : 9 May 2015 19:48
Operator : TP/IZ
Sample : G2183-04
Misc : 625 SURR ADDED
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-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:\HPCHEM1\BNA_G\METHODS\8270-BG050515.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	2.916	34	39	47	rBV	361619	556664	8.38%	2.221%
2	2.992	47	52	68	rVB	794115	983515	14.80%	3.924%
3	4.907	372	378	389	rVB	253796	352765	5.31%	1.407%
4	5.372	451	457	466	rVB	424883	595873	8.97%	2.377%
5	6.958	720	727	733	rBV	299150	450751	6.78%	1.798%
6	7.322	782	789	796	rBV	748741	1172410	17.64%	4.677%
7	7.786	862	868	876	rVB	218816	350656	5.28%	1.399%
8	8.110	915	923	930	rBV	956091	1526440	22.97%	6.090%
9	8.950	1058	1066	1073	rBV	996625	1647924	24.80%	6.575%
10	10.583	1337	1344	1352	rBV	309706	536375	8.07%	2.140%
11	12.781	1711	1718	1724	rBV2	48400	71998	1.08%	0.287%
12	13.051	1756	1764	1771	rBV	2567280	3671944	55.26%	14.650%
13	14.426	1989	1998	2007	rBV2	540215	807852	12.16%	3.223%
14	15.912	2245	2251	2262	rBV	1431505	1990743	29.96%	7.942%
15	17.170	2459	2465	2473	rBV2	749142	1055991	15.89%	4.213%
16	18.063	2612	2617	2627	rBV2	89582	128423	1.93%	0.512%
17	19.796	2906	2912	2918	rBV	5184953	6645449	100.00%	26.513%
18	21.053	3123	3126	3136	rBV	149713	216244	3.25%	0.863%
19	21.347	3170	3176	3181	rBV	917209	1119528	16.85%	4.466%
20	22.546	3375	3380	3385	rBV2	83746	113526	1.71%	0.453%
21	23.638	3559	3566	3574	rVB2	552717	1070152	16.10%	4.269%

Sum of corrected areas: 25065223

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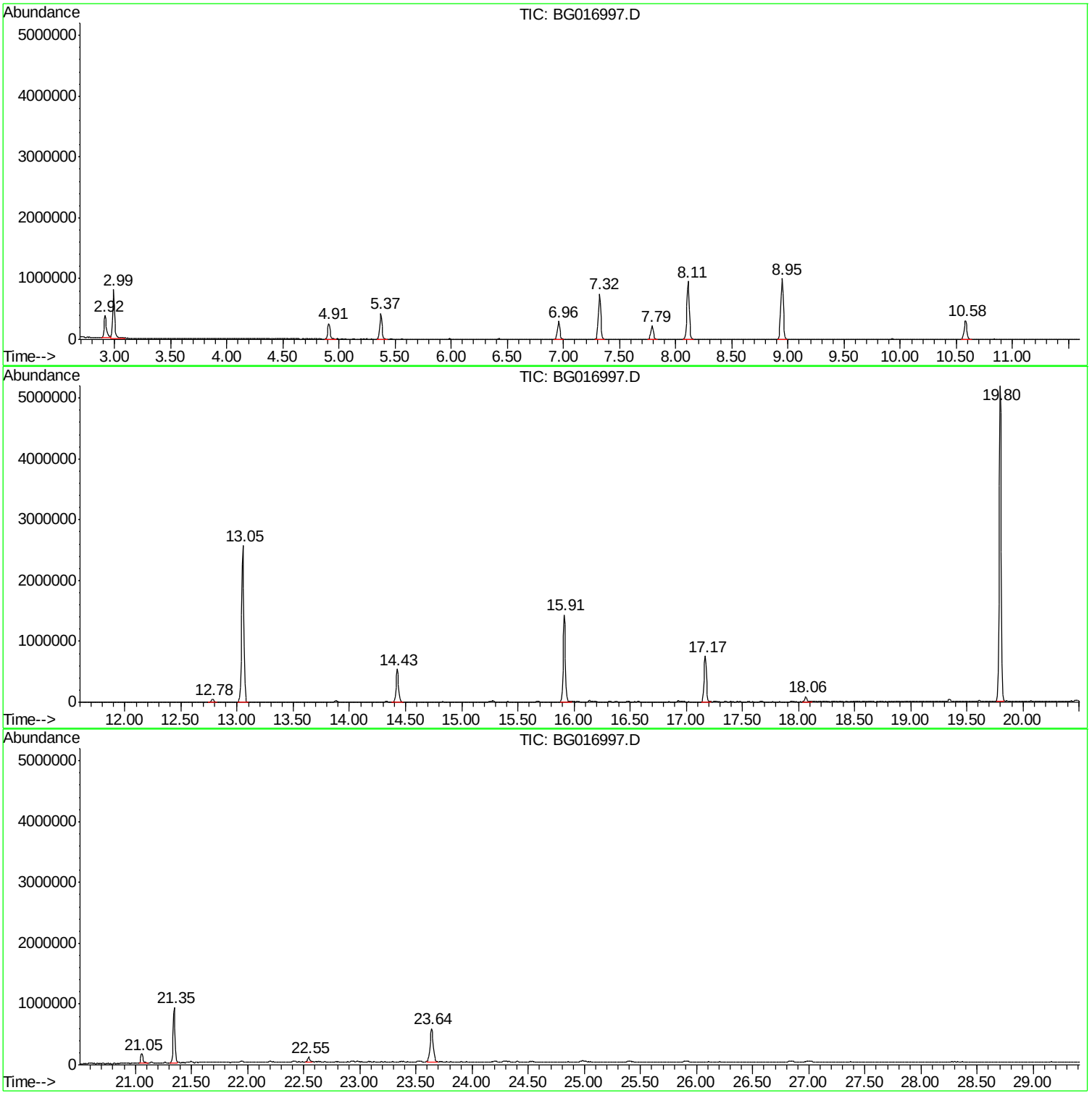
ClientSampleId : SB-2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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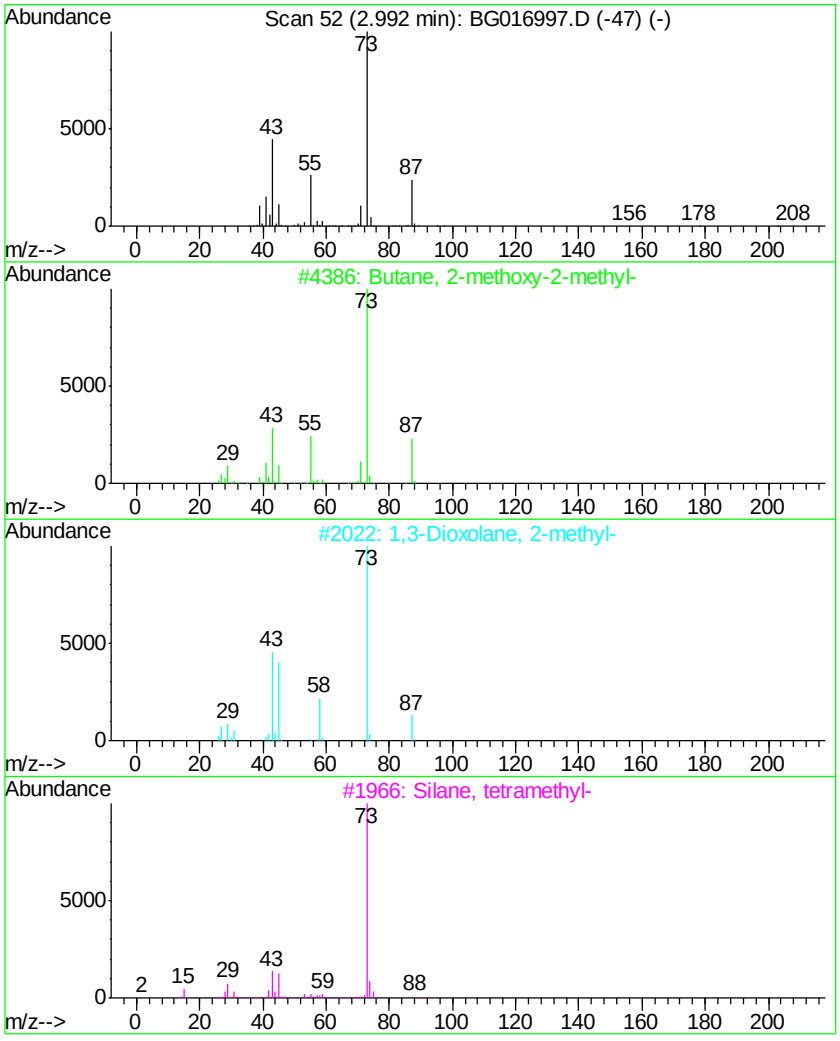
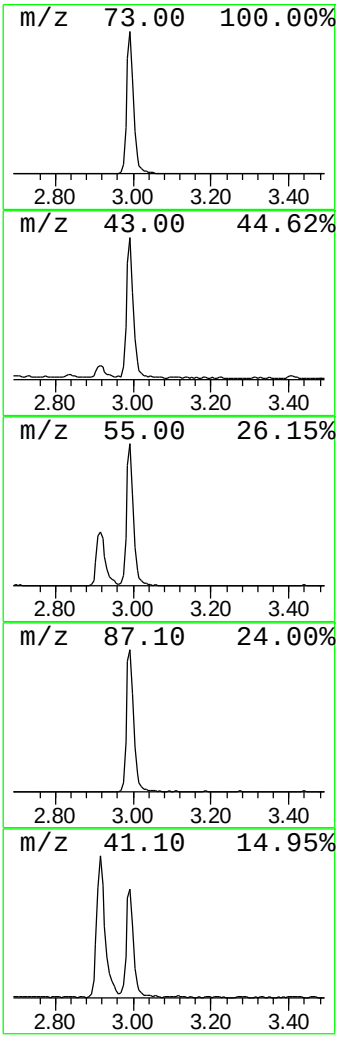
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.99	56.10 ng	983515	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	16
4	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	12
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





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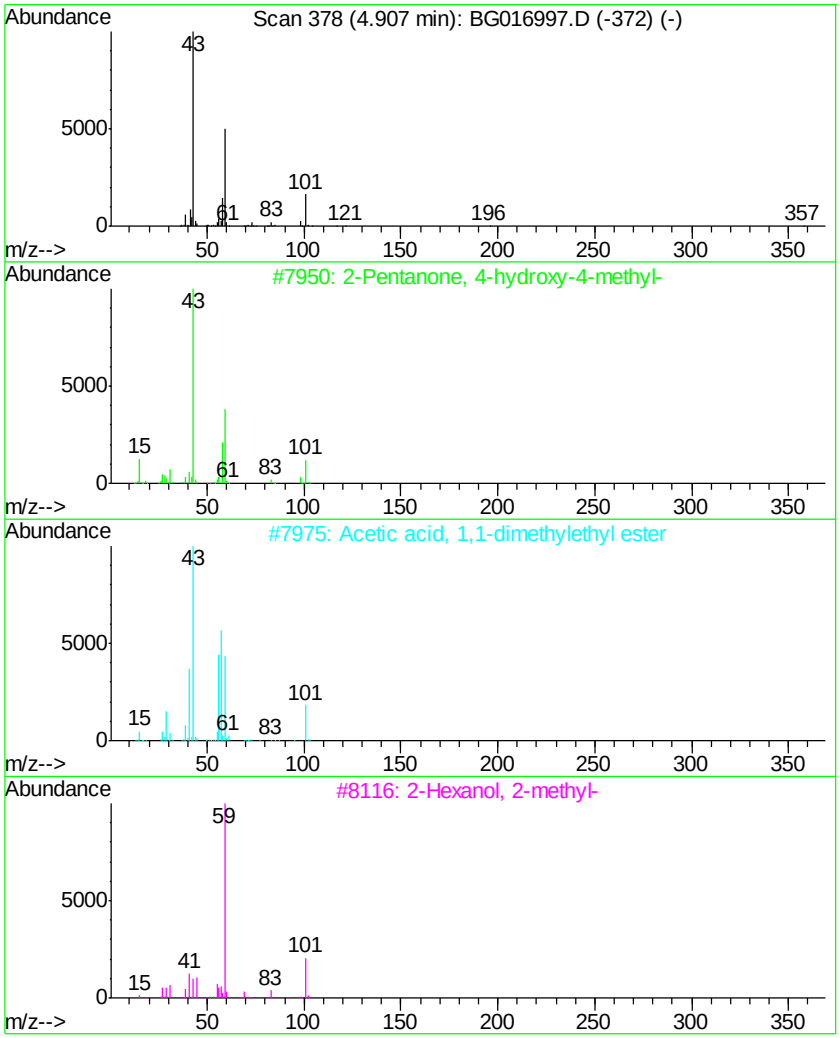
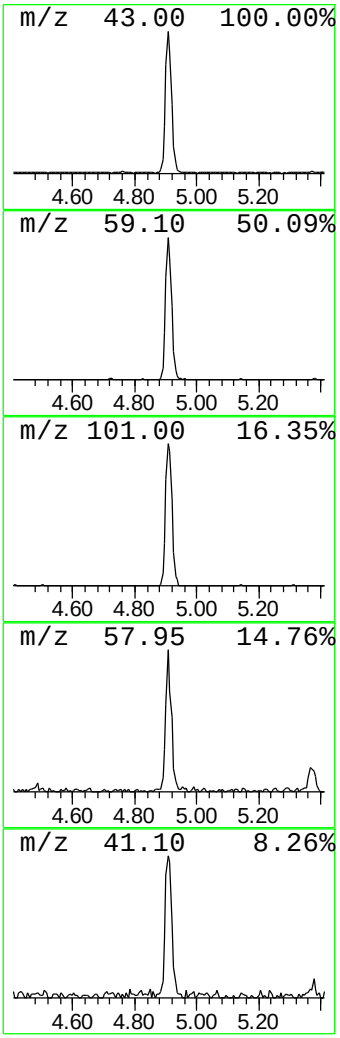
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.91	20.12 ng	352765	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4	4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	28
5	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	23





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ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-2

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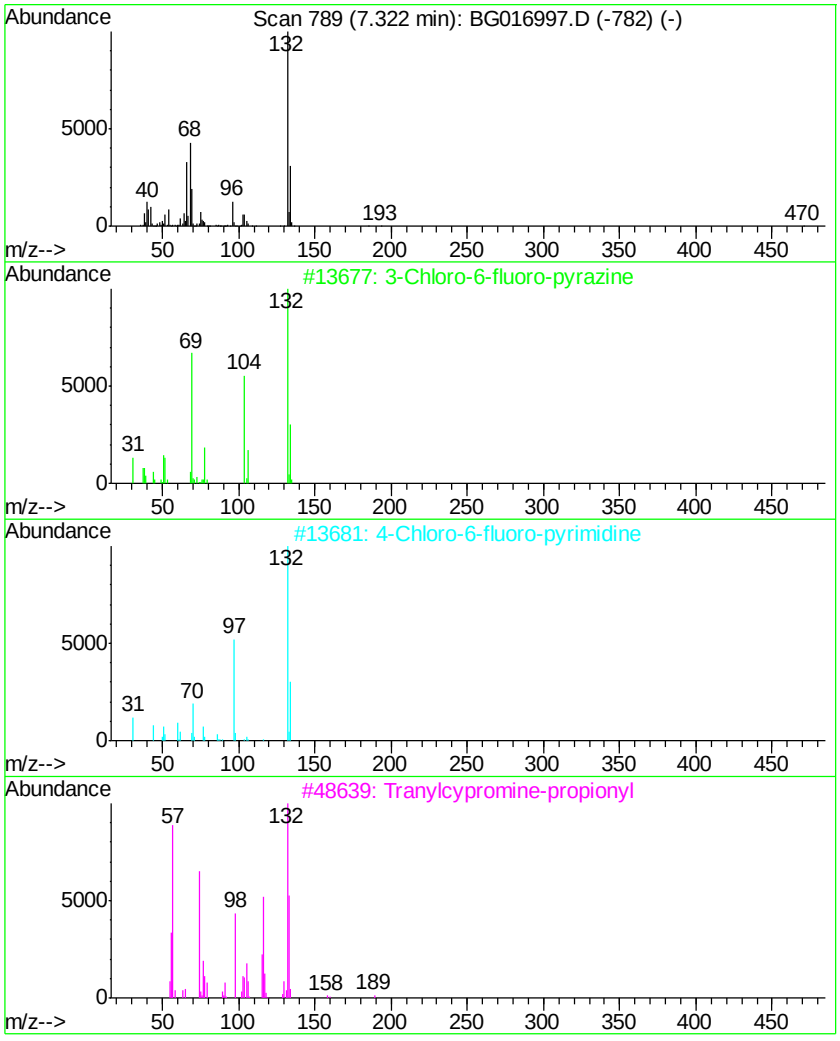
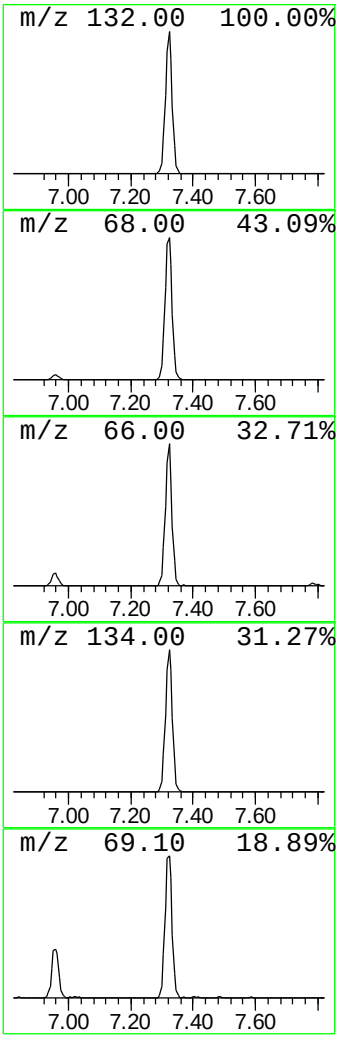
Peak Number 4 unknown7.32 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.32	66.87 ng	1172410	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	12
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12





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ClientSampleId : SB-2

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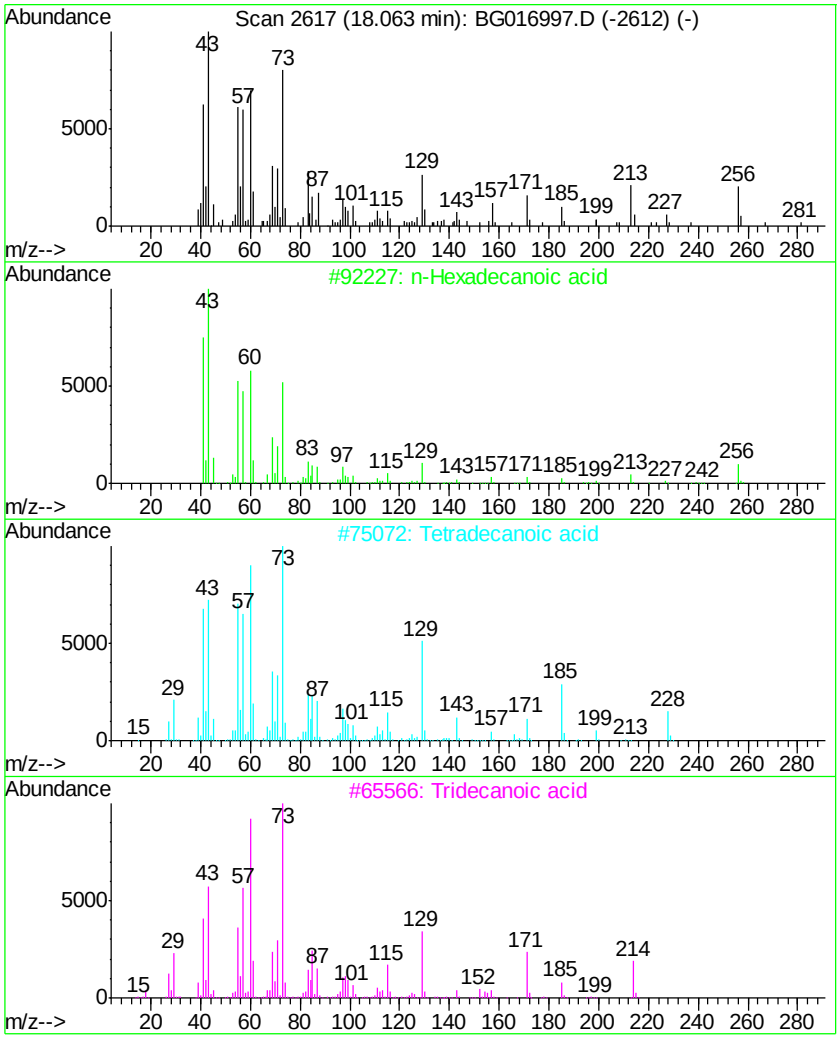
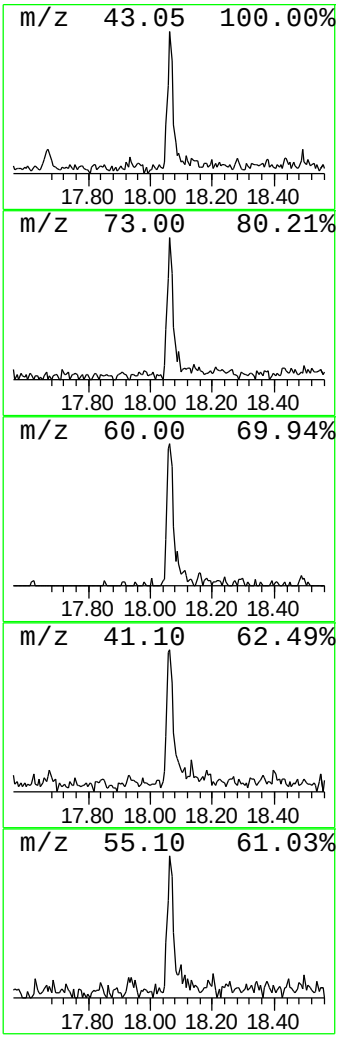
Peak Number 6 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	2.43 ng	128423	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	95
3	Tridecanoic acid	214	C13H26O2	000638-53-9	60
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	47
5	n-Decanoic acid	172	C10H20O2	000334-48-5	38





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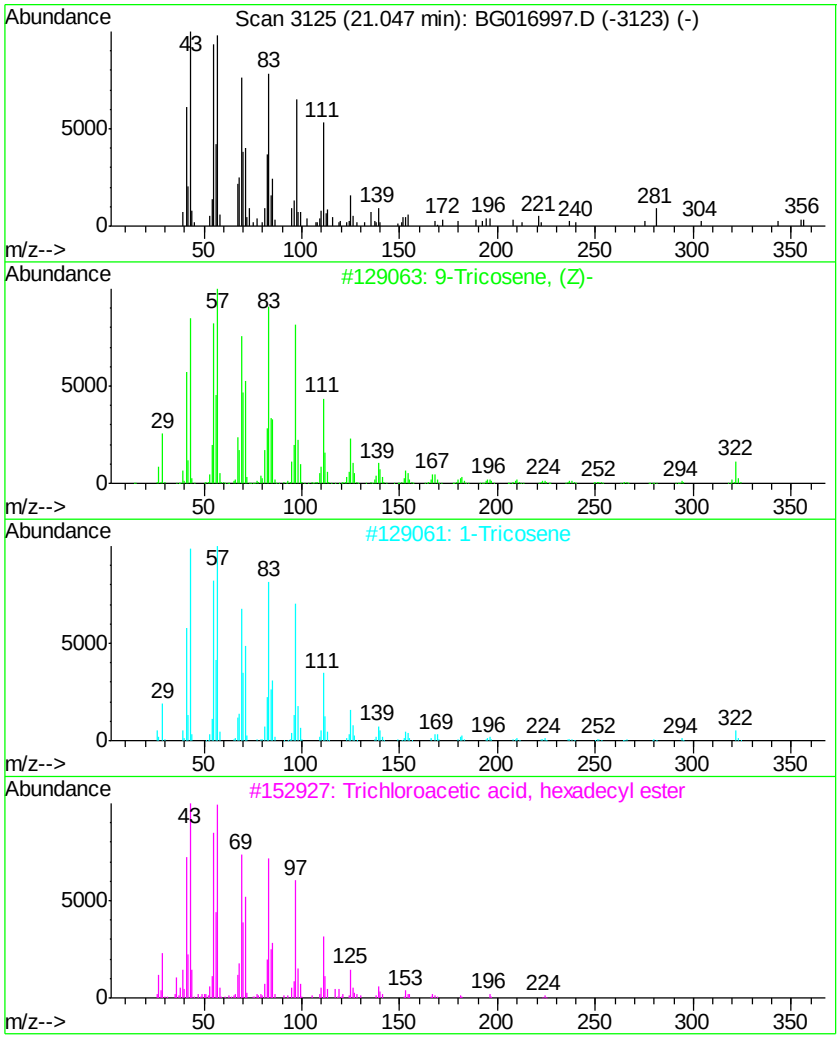
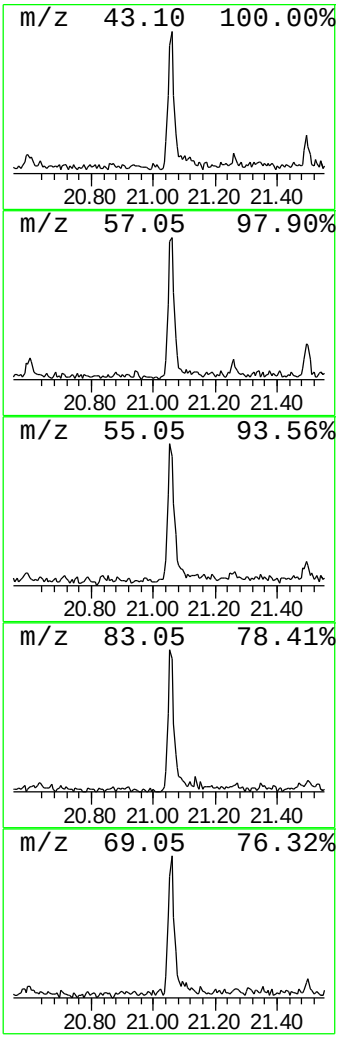
****

Peak Number 7 9-Tricosene, (Z)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.05	3.86 ng	216244	Chrysene-d12	21.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Tricosene, (Z)-	322	C23H46	027519-02-4	95
2	1-Tricosene	322	C23H46	018835-32-0	93
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
4	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91
5	Cyclopentadecane	210	C15H30	000295-48-7	90





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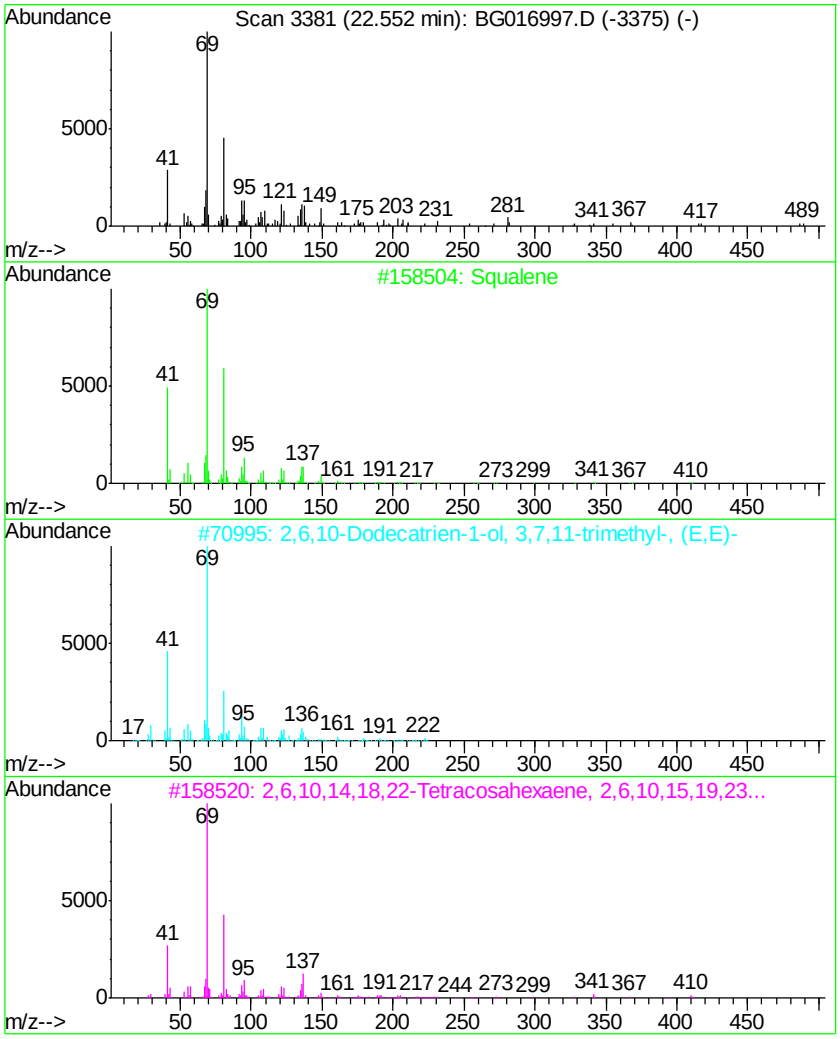
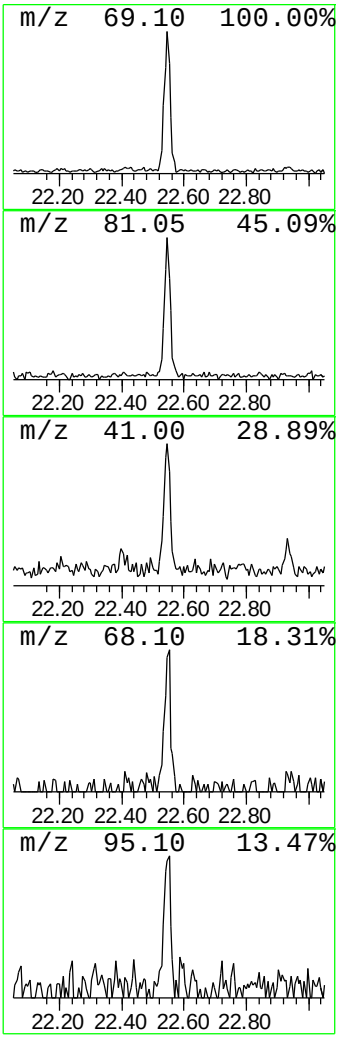
Peak Number 8 Squalene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.55	2.12 ng	113526	Perylene-d12	23.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	007683-64-9	83
2	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	000106-28-5	64
3	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	64
4	1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	64
5	Farnesol isomer a	222	C15H26O	1000108-92-4	59





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
Butane, 2-methoxy...	2.99	56.1	ng	983515	1	7.79	350656	20.0
2-Pentanone, 4-hy...	4.91	20.1	ng	352765	1	7.79	350656	20.0
unknown7.32	7.32	66.9	ng	1172410	1	7.79	350656	20.0
n-Hexadecanoic acid	18.06	2.4	ng	128423	4	17.17	1055990	20.0
9-Tricosene, (Z)-	21.05	3.9	ng	216244	5	21.35	1119530	20.0
Squalene	22.55	2.1	ng	113526	6	23.64	1070150	20.0