LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072518\
Data File : BG035889.D
Acq On : 26 Jul 2018 00:59
Operator : JU/SJ
Sample : J4140-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPE-F-8(140-142)

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-BG071218.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	5.140	310	315	326	rVB	66248	105694	4.77%	0.808%
2	5.604	388	394	416	rBV	486264	843674	38.11%	6.451%
3	7.190	656	664	678	rBV	514203	995251	44.96%	7.610%
4	7.560	719	727	740	rBV	521405	917797	41.46%	7.018%
5	8.024	800	806	815	rBV	115761	195156	8.82%	1.492%
6	8.347	854	861	873	rVB	363415	637238	28.79%	4.873%
7	9.187	997	1004	1019	rBV	282009	567085	25.62%	4.336%
8	10.832	1277	1284	1292	rBV	132501	265782	12.01%	2.032%
9	13.270	1693	1699	1713	rBV	862168	1390157	62.80%	10.630%
10	14.104	1835	1841	1856	rBV	51660	111841	5.05%	0.855%
11	14.650	1927	1934	1946	rBV2	279207	477029	21.55%	3.648%
12	16.137	2180	2187	2203	rBV	855178	1426320	64.43%	10.906%
13	17.394	2395	2401	2418	rBV	424490	695115	31.40%	5.315%
14	18.281	2547	2552	2560	rBV4	19675	38845	1.75%	0.297%
15	20.002	2837	2845	2856	rBV	1658148	2213585	100.00%	16.926%
16	20.795	2976	2980	2983	rBV3	27778	34260	1.55%	0.262%
17	21.294	3059	3065	3075	rBV2	93871	165084	7.46%	1.262%
18	21.659	3119	3127	3138	rBV2	461000	801962	36.23%	6.132%
19	21.835	3153	3157	3165	rVB2	36395	55004	2.48%	0.421%
20	22.446	3255	3261	3266	rBV3	35274	58425	2.64%	0.447%
21	23.127	3369	3377	3384	rBV4	37982	80437	3.63%	0.615%
22	23.315	3401	3409	3416	rBV2	43774	89914	4.06%	0.688%
23	23.920	3507	3512	3518	rBV4	36181	75158	3.40%	0.575%
24	24.854	3661	3671	3685	rVB2	266028	789712	35.68%	6.039%
25	25.970	3858	3861	3870	rVB8	18491	47191	2.13%	0.361%

Sum of corrected areas: 13077716

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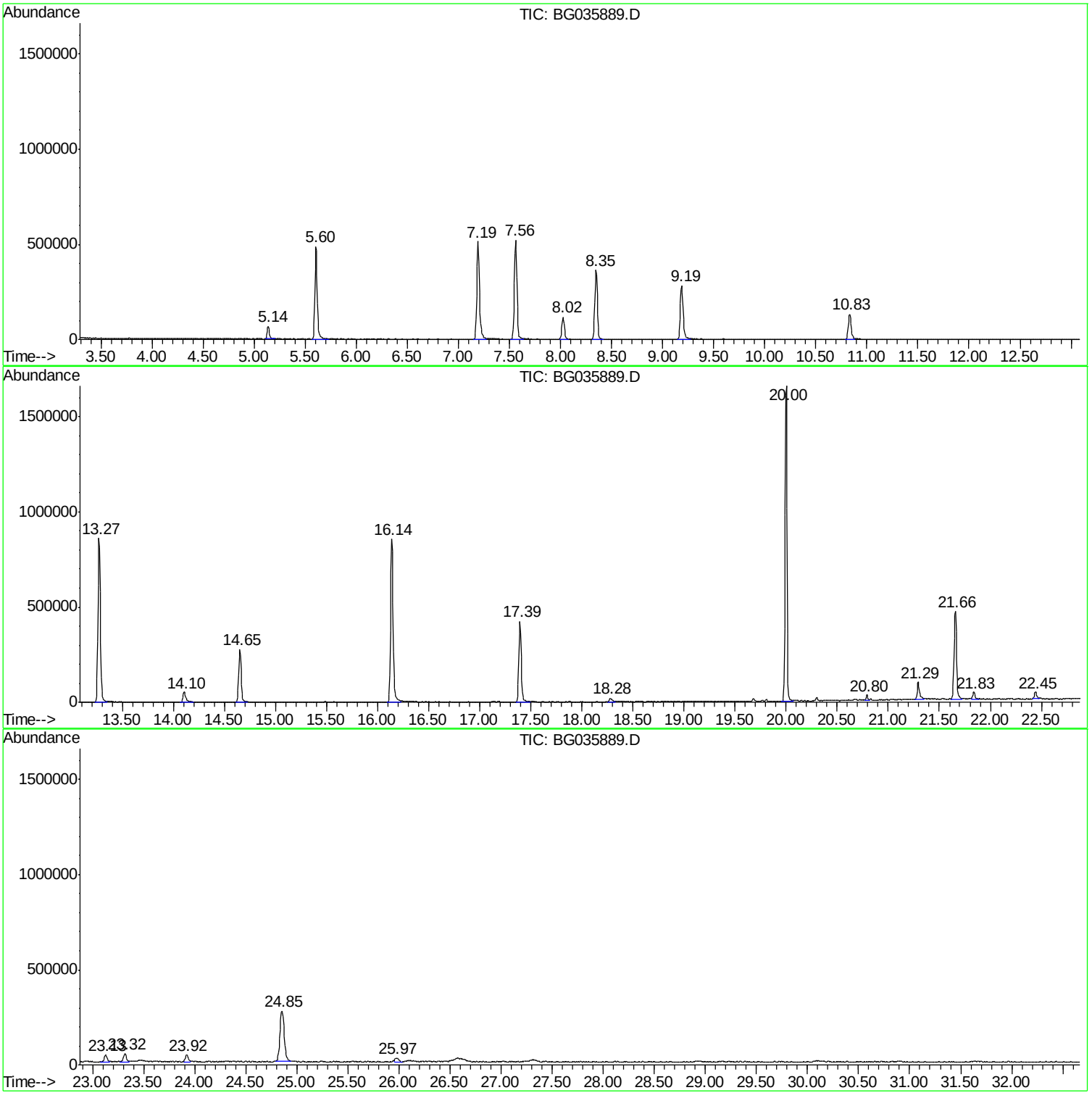
BNA_G
ClientSampleId :
EPE-F-8(140-142)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.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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Misc :
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Instrument : BNA_G
ClientSampleId : EPE-F-8(140-142)

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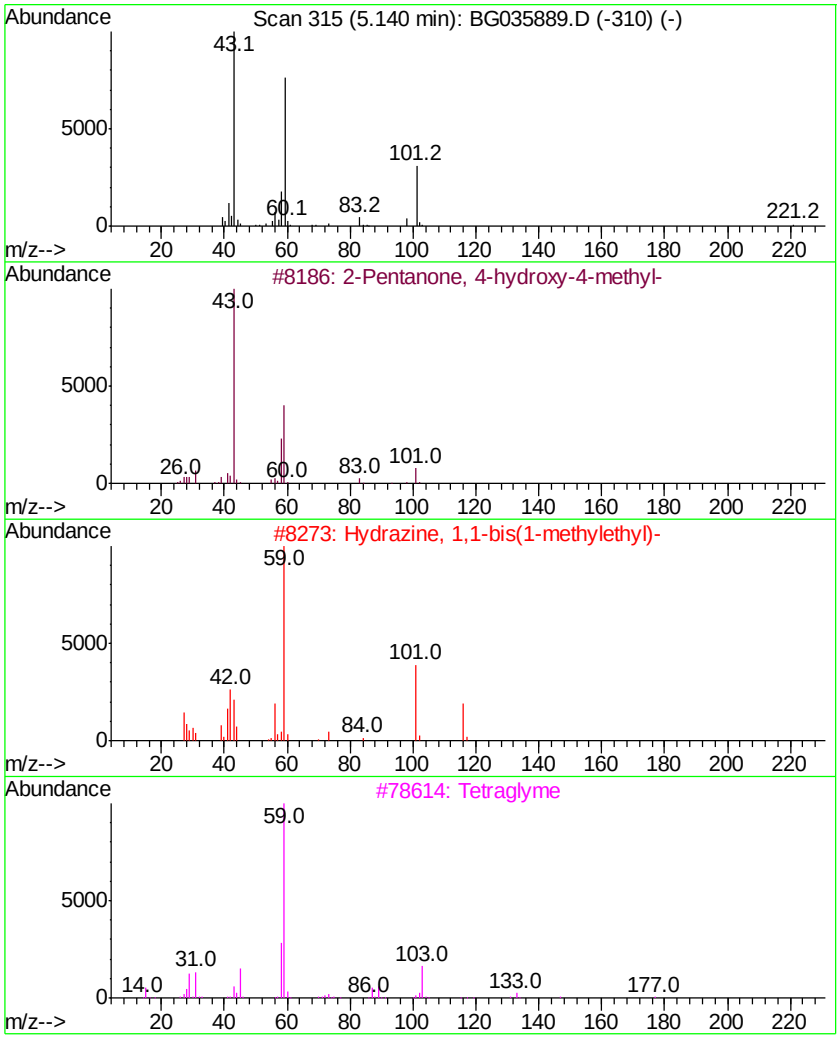
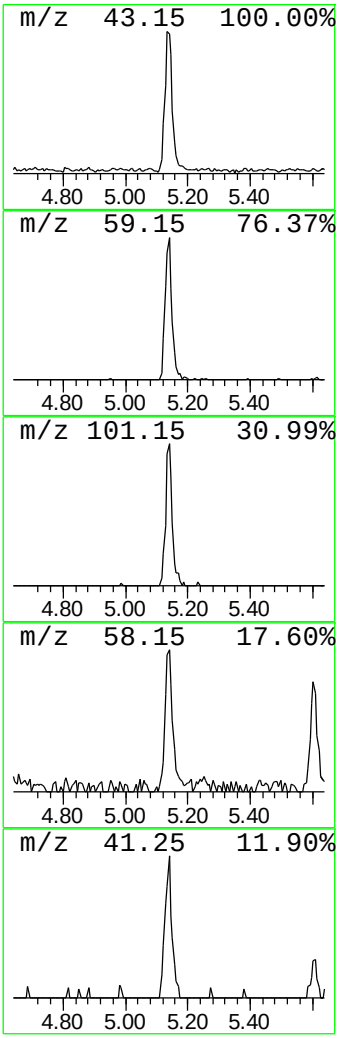
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.14	10.83 ng	105694	1,4-Dichlorobenzene-d4	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	42
3	Tetraglyme	222	C10H22O5	000143-24-8	40
4	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	38
5	Succinic acid, heptyl 2-methoxye...	274	C14H26O5	1000325-80-7	36





Library Search Compound Report

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Misc :
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Instrument : BNA_G
ClientSampleId : EPE-F-8(140-142)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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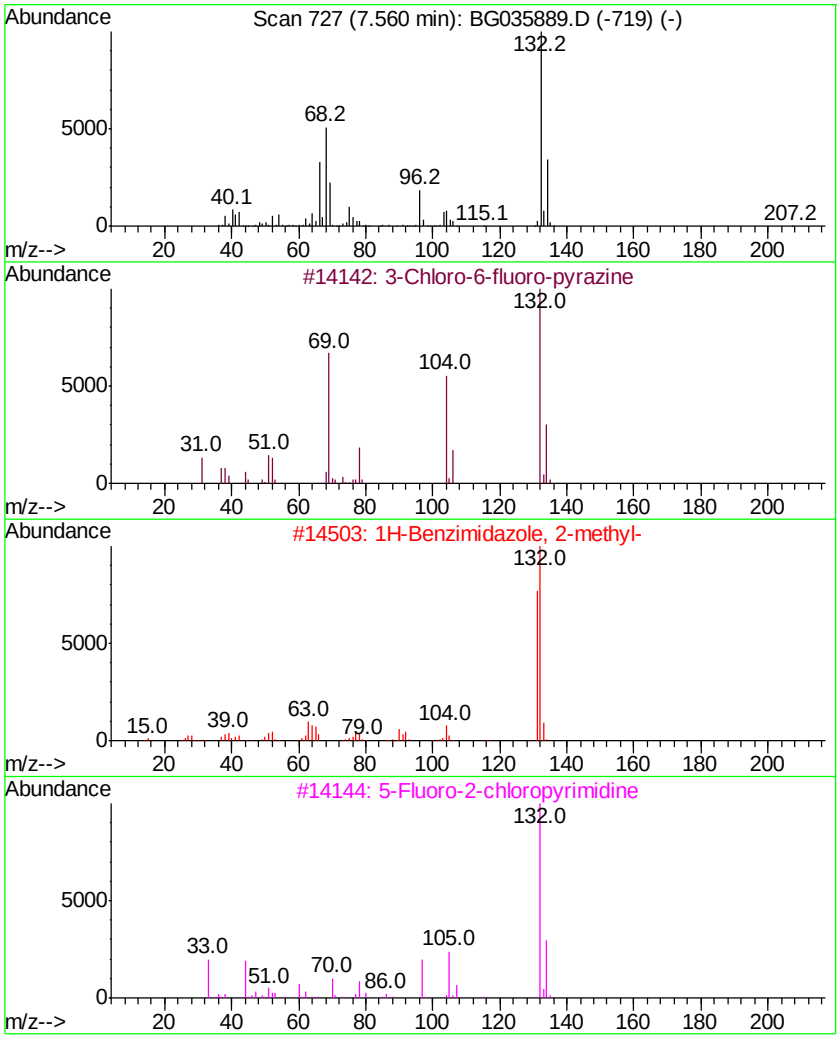
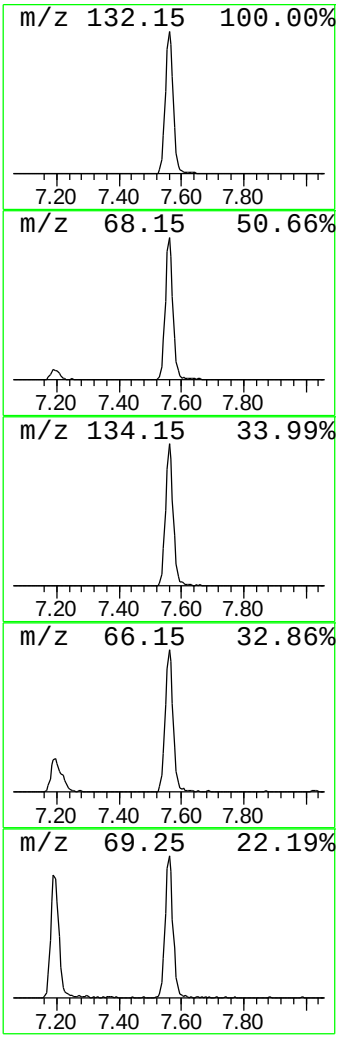
Peak Number 2 unknown7.56 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.56	94.06 ng	917797	1,4-Dichlorobenzene-d4	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
4	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	14
5	3H-Benzo[4,5]imidazo[1,2-c]oxazo...	218	C12H14N2O2	1000316-99-9	12





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Operator : JU/SJ
Sample : J4140-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPE-F-8(140-142)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
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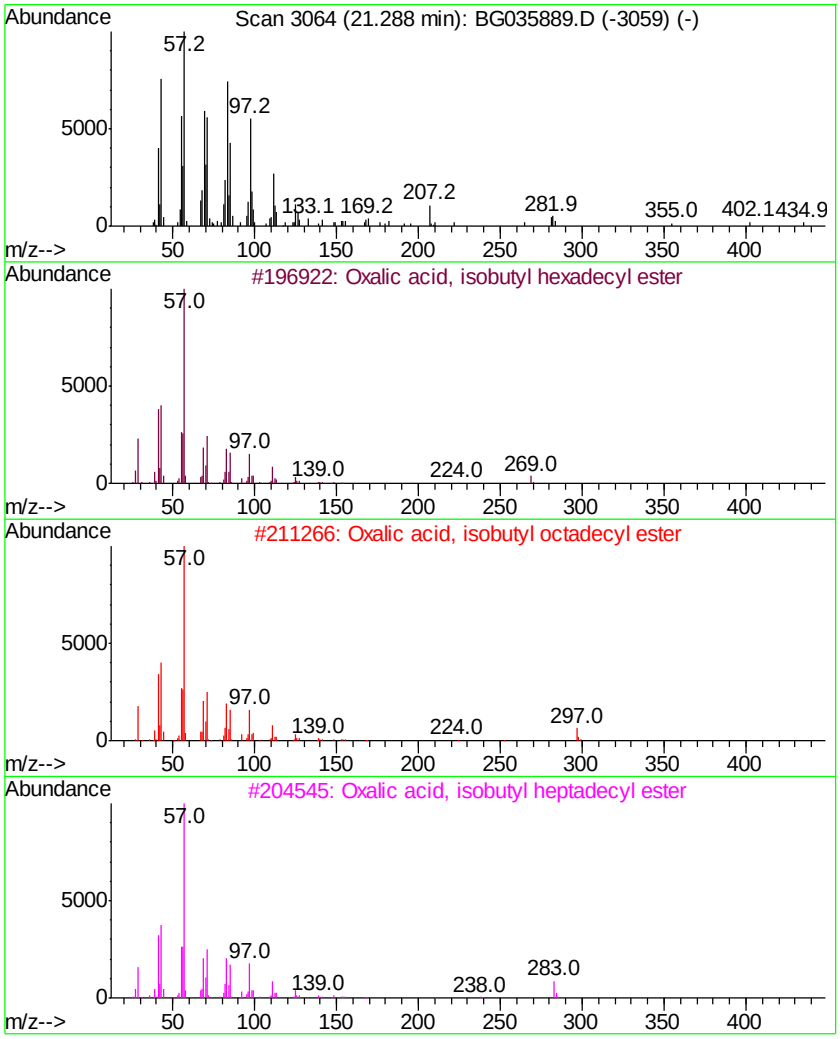
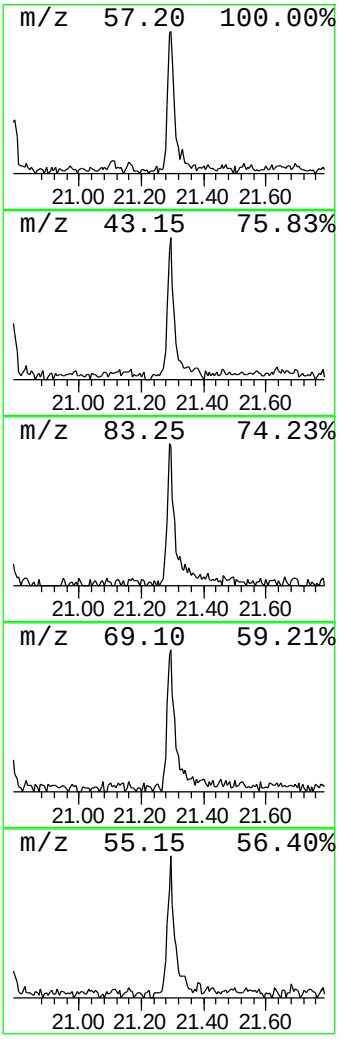
Peak Number 4 Oxalic acid, isobutyl hexad... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.29	4.12 ng	165084	Chrysene-d12	21.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	91
2	Oxalic acid, isobutyl octadecyl ...	398	C24H46O4	1000309-38-3	91
3	Oxalic acid, isobutyl heptadecyl...	384	C23H44O4	1000309-38-2	91
4	Octatriacontyl pentafluoropropio...	697	C41H77F5O2	1000351-89-1	87
5	Tetratriacontyl pentafluoropropi...	641	C37H69F5O2	1000351-81-5	87





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Sample : J4140-10
Misc :
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Instrument : BNA_G
ClientSampleId : EPE-F-8(140-142)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
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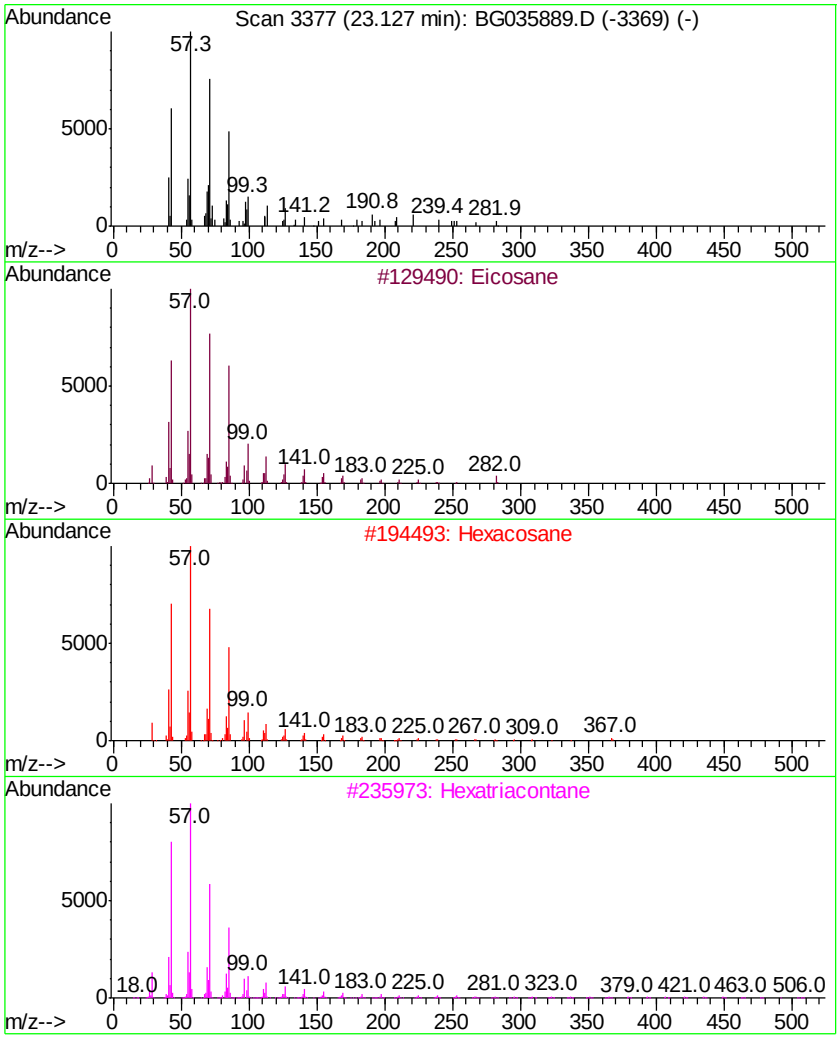
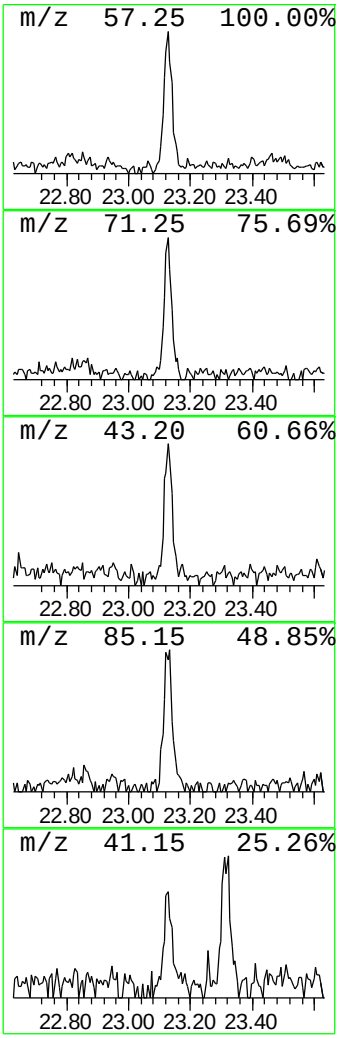
Peak Number 5 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.13	2.01 ng	80437	Chrysene-d12	21.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	92
2	Hexacosane	366	C26H54	000630-01-3	90
3	Hexatriacontane	507	C36H74	000630-06-8	87
4	Nonadecane	268	C19H40	000629-92-5	86
5	Heneicosane	296	C21H44	000629-94-7	83





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ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPE-F-8(140-142)

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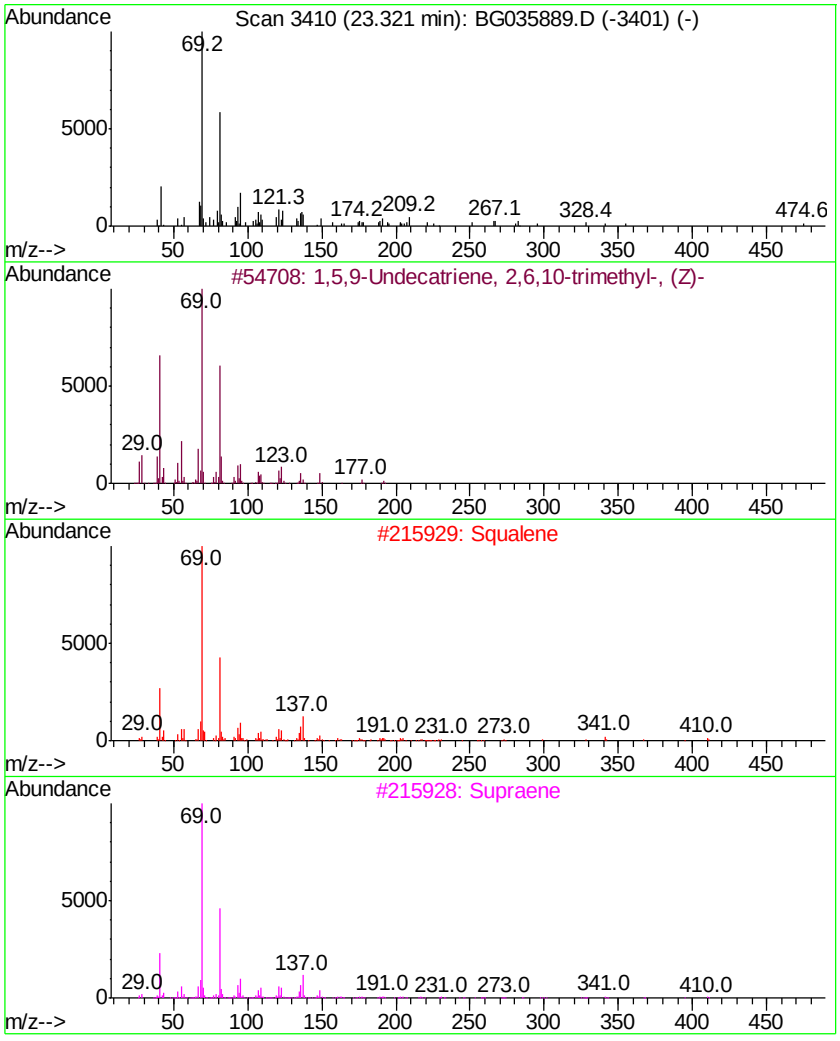
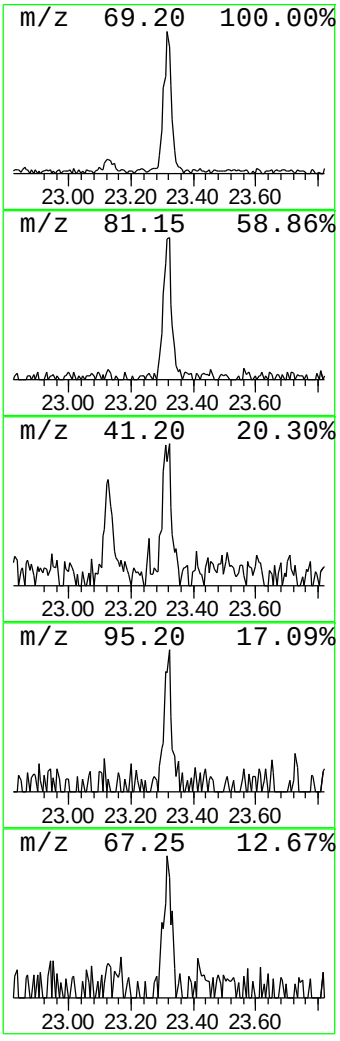
****

Peak Number 6 1,5,9-Undecatriene, 2,6,10-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.32	2.28 ng	89914	Perylene-d12	24.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	72
2	Squalene	410	C30H50	000111-02-4	72
3	Supraene	410	C30H50	007683-64-9	68
4	1-(Phenylthio)-3,7,11-trimethyl-...	314	C21H30S	028413-57-2	59
5	trans-Farnesol	222	C15H26O	000106-28-5	59





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...	5.14	10.8	ng	105694	1	8.02	195156	20.0
unknown7.56	7.56	94.1	ng	917797	1	8.02	195156	20.0
Oxalic acid, isob...	21.29	4.1	ng	165084	5	21.66	801962	20.0
Eicosane	23.13	2.0	ng	80437	5	21.66	801962	20.0
1,5,9-Undecatrien...	23.32	2.3	ng	89914	6	24.85	789712	20.0