LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061016\
Data File : BG022315.D
Acq On : 11 Jun 2016 9:57
Operator : UM/SJ
Sample : H3449-19
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 25-VE-PILE-WALL(0-2)

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-BG060616.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	2.968	16	22	36	rVB	57797	98337	5.62%	0.944%
2	5.171	390	397	407	rBV	32426	58669	3.35%	0.563%
3	5.653	472	479	492	rBV	390775	717805	41.00%	6.893%
4	7.269	745	754	771	rBV	423863	817549	46.70%	7.851%
5	7.633	808	816	831	rBV	437488	852901	48.72%	8.191%
6	8.103	889	896	912	rBV	82684	159845	9.13%	1.535%
7	8.426	943	951	962	rBV	323588	640028	36.56%	6.146%
8	9.278	1088	1096	1116	rBV	233743	487944	27.87%	4.686%
9	10.923	1367	1376	1386	rBV	126136	261735	14.95%	2.514%
10	13.356	1782	1790	1799	rBV	777826	1330102	75.98%	12.773%
11	14.178	1925	1930	1937	rVB	106448	161978	9.25%	1.556%
12	14.736	2018	2025	2032	rBV2	223340	397315	22.69%	3.816%
13	15.553	2159	2164	2169	rBV	20476	29459	1.68%	0.283%
14	15.723	2187	2193	2198	rBV5	11637	20050	1.15%	0.193%
15	16.223	2264	2278	2287	rBV	535893	947815	54.14%	9.102%
16	16.411	2306	2310	2318	rBV4	21799	43006	2.46%	0.413%
17	17.480	2485	2492	2502	rBV	264485	455423	26.01%	4.374%
18	17.833	2545	2552	2567	rBV3	24734	64555	3.69%	0.620%
19	20.077	2927	2934	2947	rBV	1246582	1750684	100.00%	16.812%
20	21.364	3149	3153	3165	rBV5	25649	67180	3.84%	0.645%
21	21.699	3205	3210	3214	rBV6	24980	40751	2.33%	0.391%
22	21.752	3214	3219	3232	rVB	229805	448950	25.64%	4.311%
23	23.420	3497	3503	3511	rVB3	21533	45858	2.62%	0.440%
24	24.037	3602	3608	3616	rVB4	12828	31277	1.79%	0.300%
25	25.048	3767	3780	3796	rBV	135578	442842	25.30%	4.253%
26	26.147	3960	3967	3977	rVB9	12913	40954	2.34%	0.393%

Sum of corrected areas: 10413012

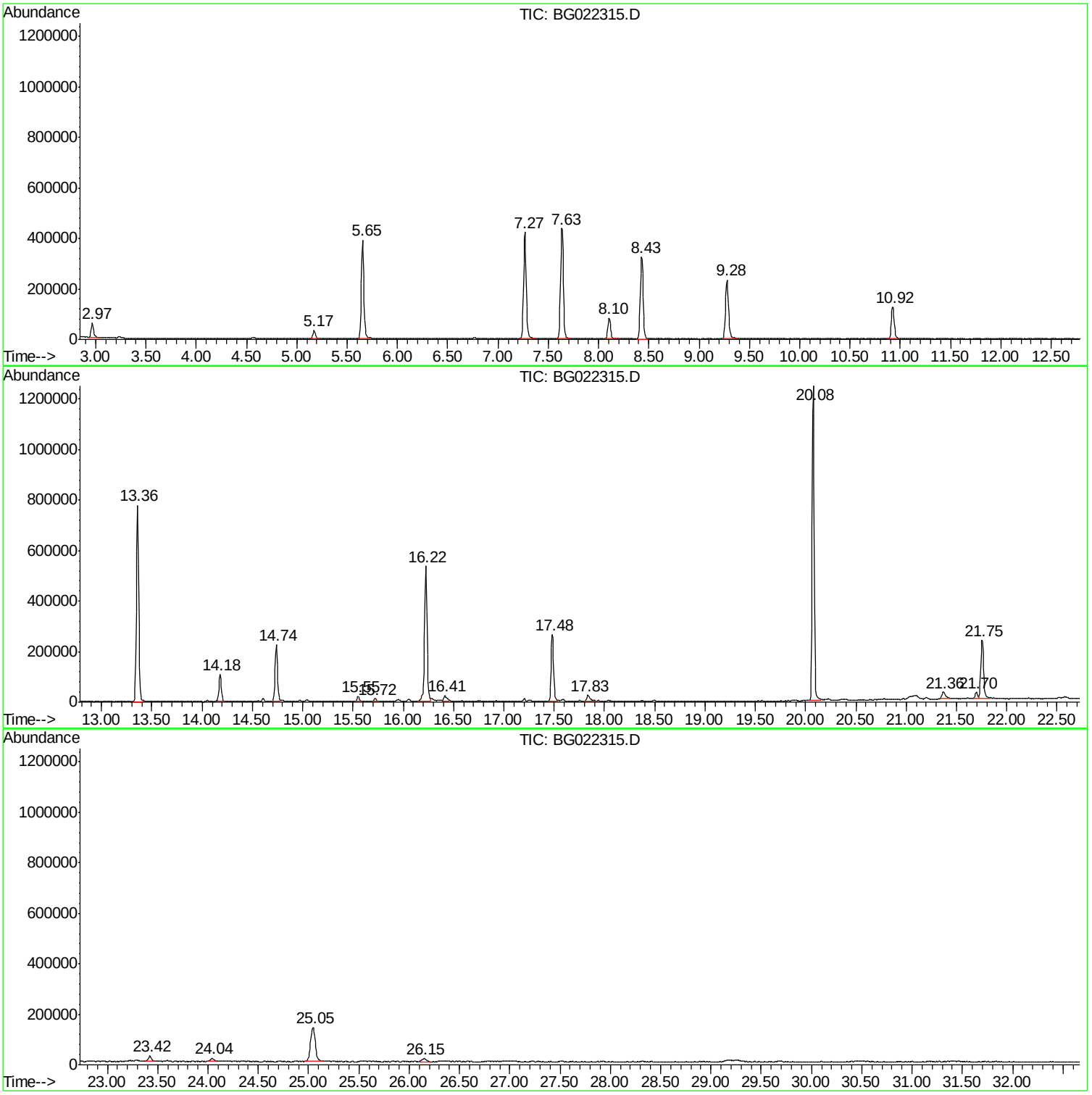
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061016\
Data File : BG022315.D
Acq On : 11 Jun 2016 9:57
Operator : UM/SJ
Sample : H3449-19
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 25-VE-PILE-WALL(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

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Data File : BG022315.D
Acq On : 11 Jun 2016 9:57
Operator : UM/SJ
Sample : H3449-19
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
25-VE-PILE-WALL(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.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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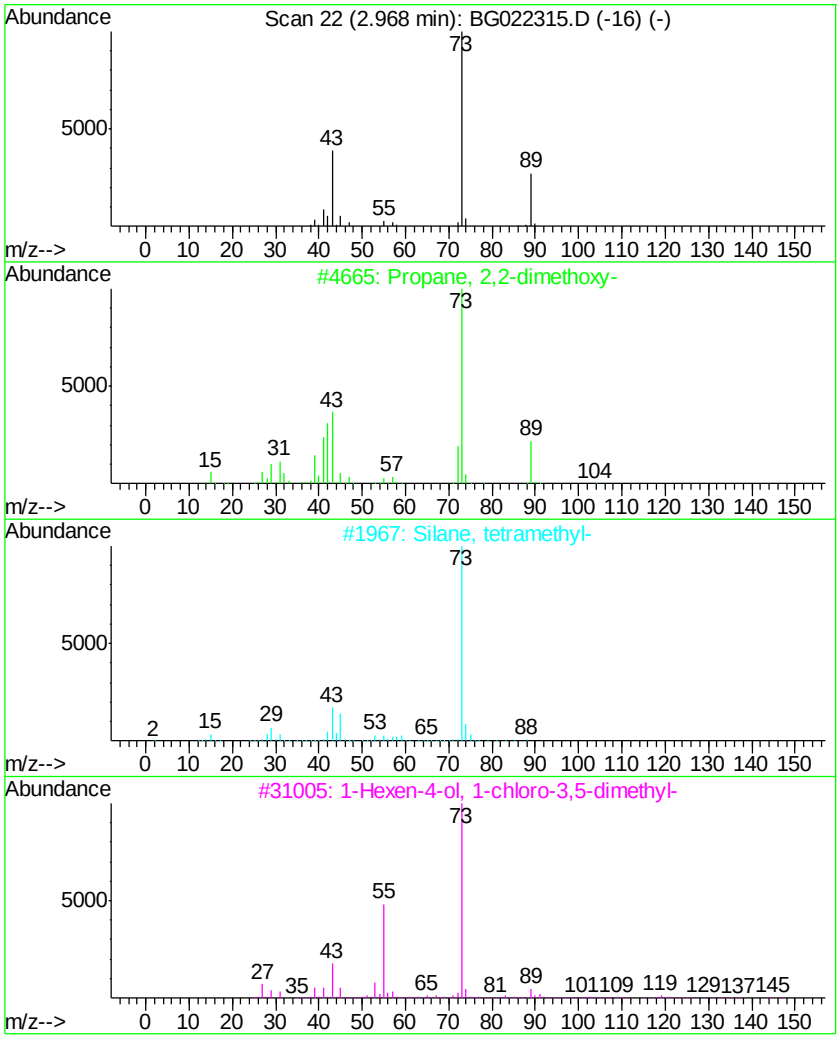
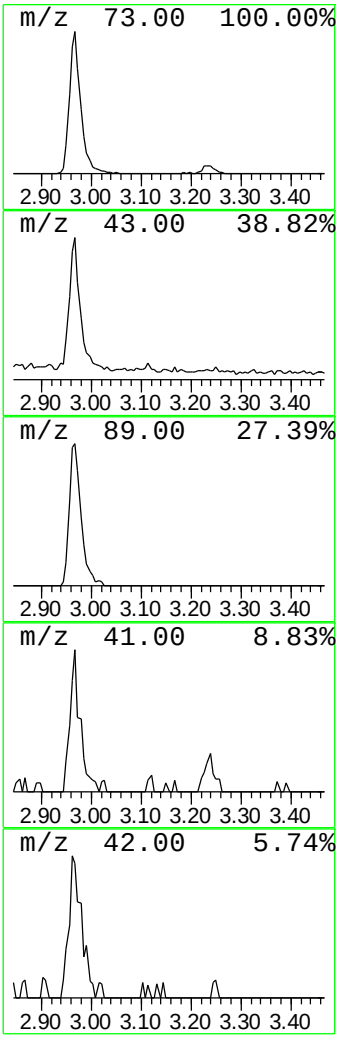
Peak Number 1 unknown2.97 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.97	12.30 ng	98337	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	36
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	16
3	1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9
4	N-Ethylformamide	73	C3H7NO	000627-45-2	5
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	5





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Data File : BG022315.D
Acq On : 11 Jun 2016 9:57
Operator : UM/SJ
Sample : H3449-19
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
25-VE-PILE-WALL(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.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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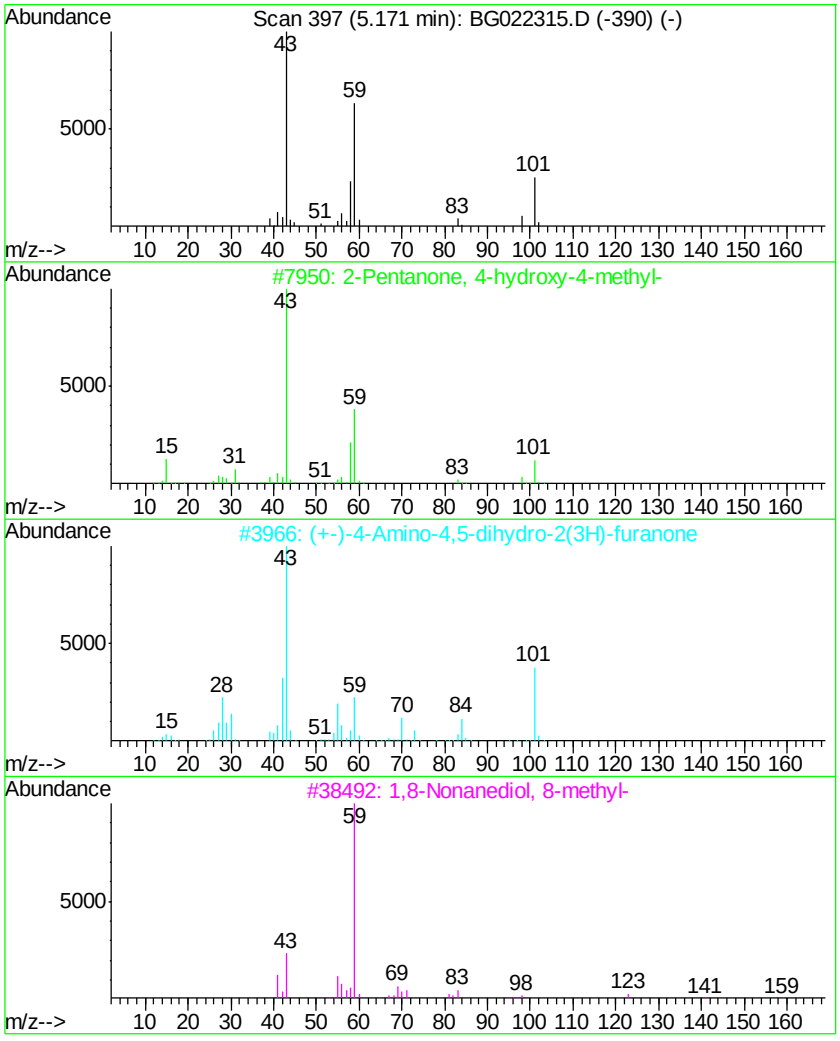
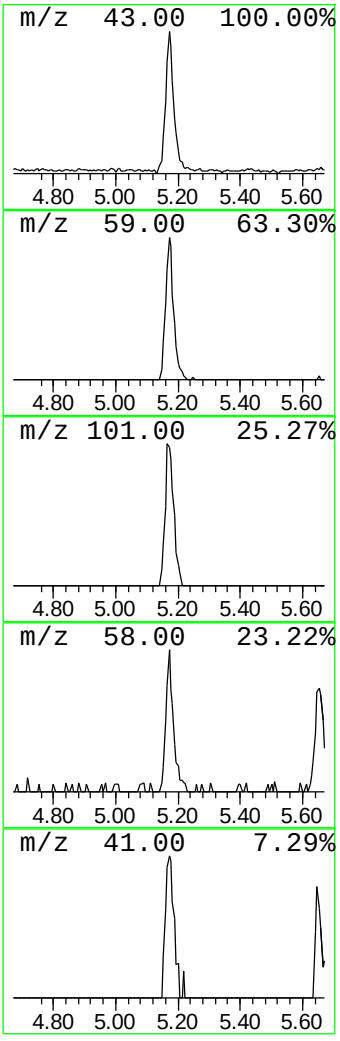
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.17	7.34 ng	58669	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	83
2	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	43
3	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	23
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	12
5	5-Hexen-2-one	98	C6H10O	000109-49-9	10





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Data File : BG022315.D
Acq On : 11 Jun 2016 9:57
Operator : UM/SJ
Sample : H3449-19
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 25-VE-PILE-WALL(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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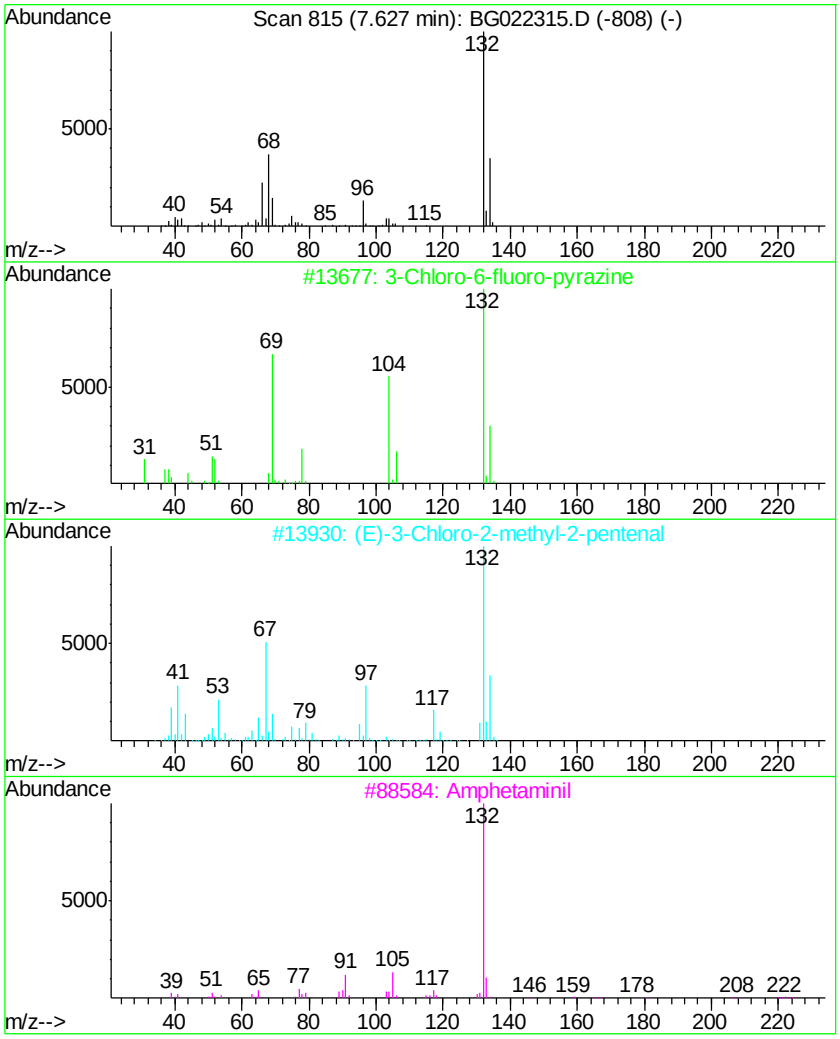
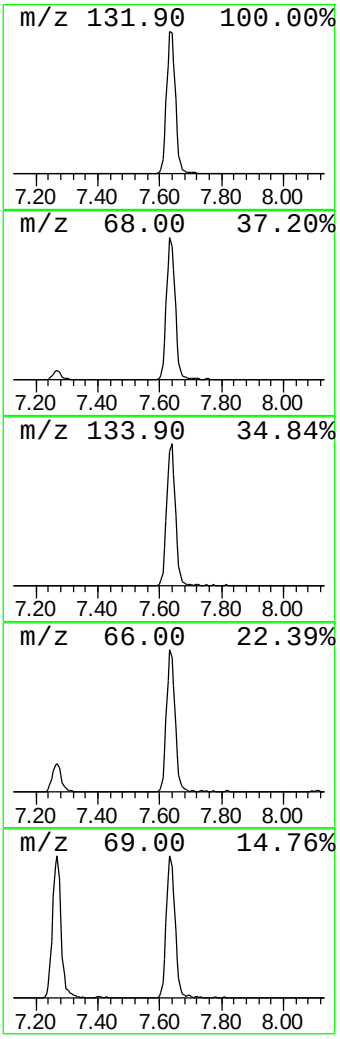
Peak Number 3 unknown7.63 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.63	106.72 ng	852901	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	35
3	Amphetaminil	250	C17H18N2	017590-01-1	12
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





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ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 25-VE-PILE-WALL(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
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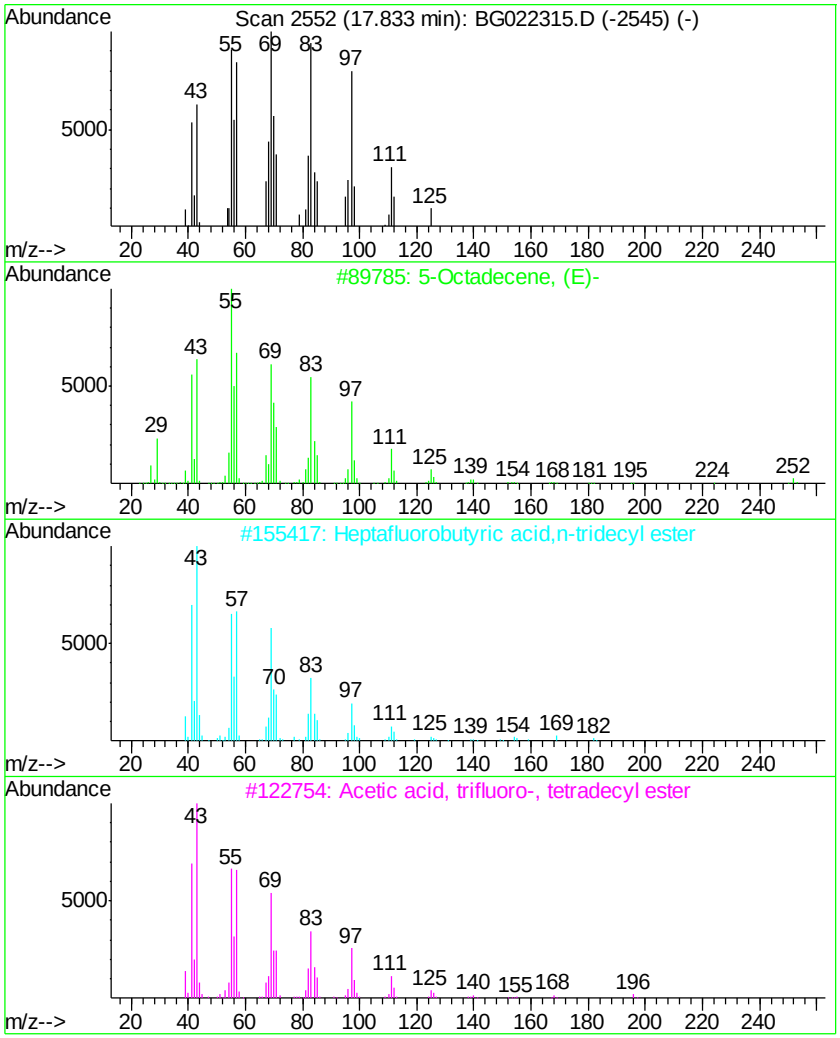
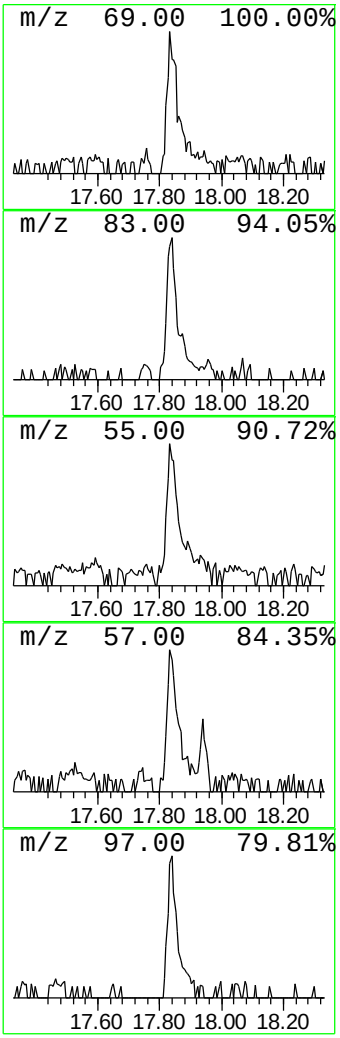
Peak Number 5 5-Octadecene, (E)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.83	2.83 ng	64555	Phenanthrene-d10	17.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Octadecene, (E)-	252	C18H36	007206-21-5	86
2	Heptafluorobutyric acid,n-tridec...	396	C17H27F7O2	1000216-78-9	72
3	Acetic acid, trifluoro-, tetrade...	310	C16H29F3O2	006222-02-2	58
4	Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	50
5	Cyclotetradecane	196	C14H28	000295-17-0	47





Library Search Compound Report

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BNA_G
ClientSampleId :
25-VE-PILE-WALL(0-2)

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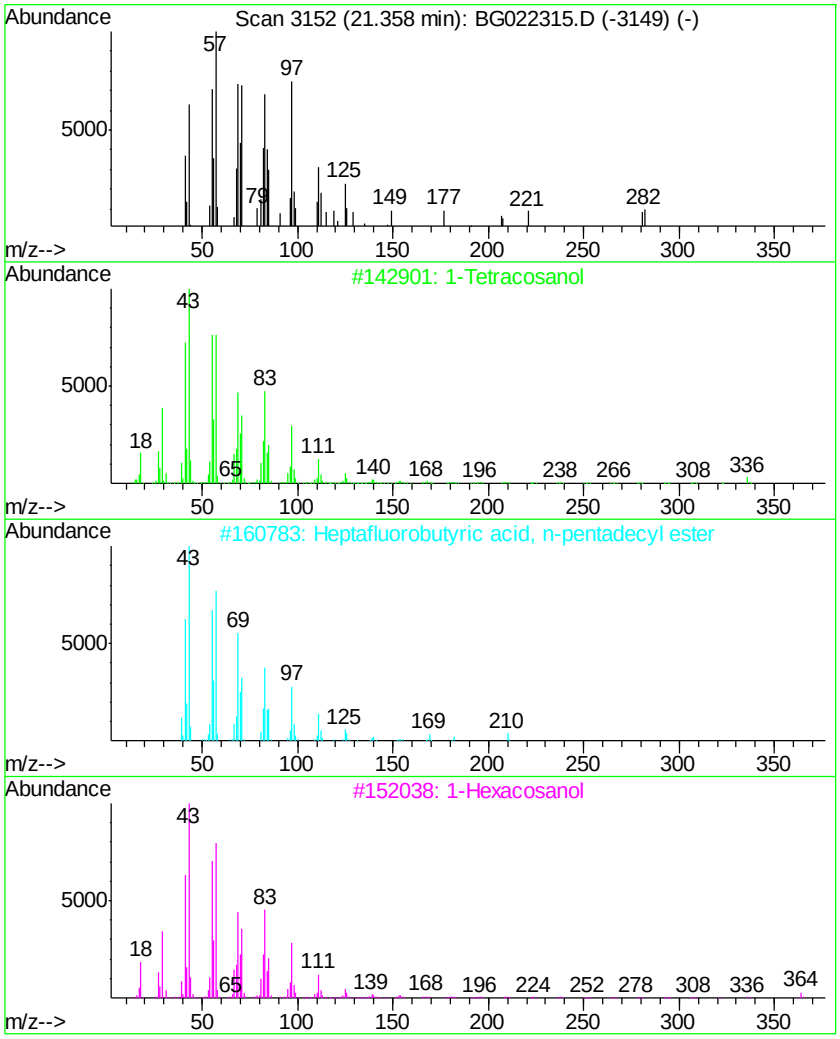
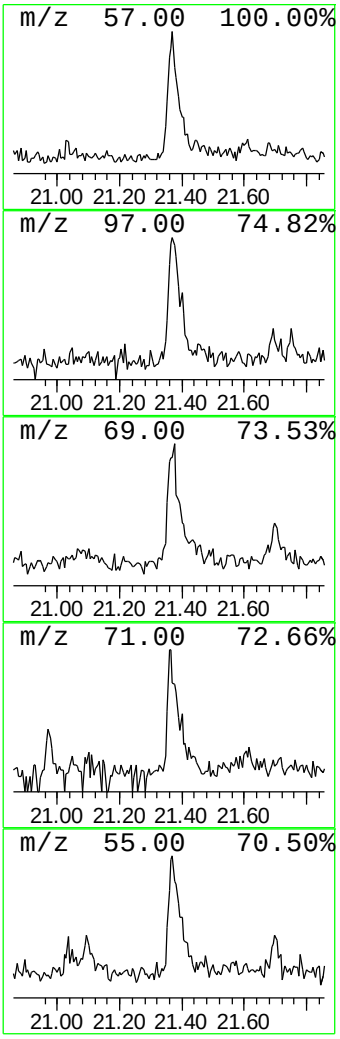
Peak Number 6 1-Tetracosanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.36	2.99 ng	67180	Chrysene-d12	21.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tetracosanol	354	C24H50O	000506-51-4	87
2	Heptafluorobutyric acid, n-penta...	424	C19H31F7O2	1000216-79-3	86
3	1-Hexacosanol	382	C26H54O	000506-52-5	81
4	Dichloroacetic acid, 2-pentadecy...	338	C17H32Cl2O2	1000280-64-7	74
5	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	72





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

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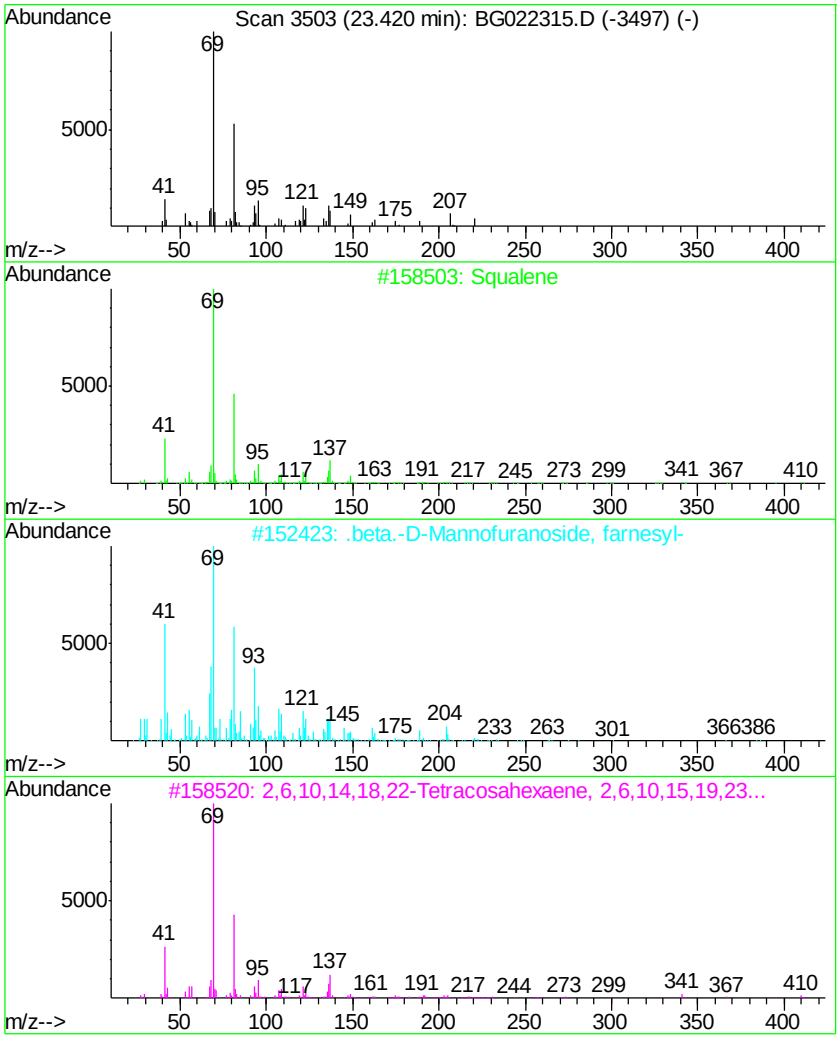
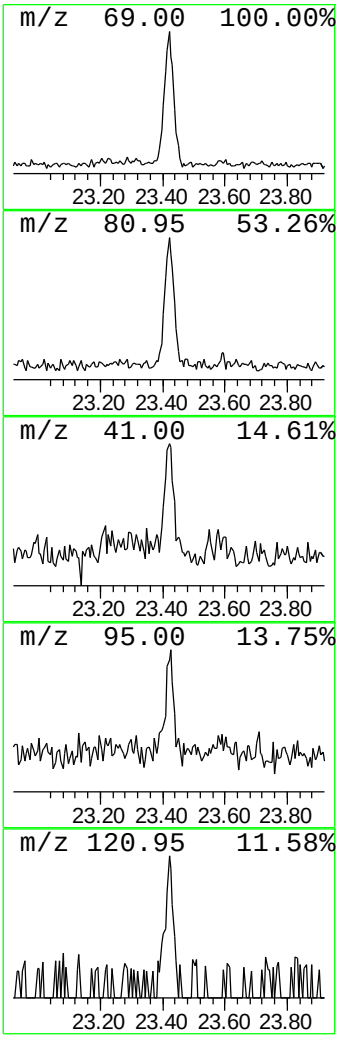
Peak Number 7 Squalene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.42	2.07 ng	45858	Perylene-d12	25.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	007683-64-9	72
2	.beta.-D-Mannofuranoside, farnesyl-	384	C21H36O6	1000155-15-5	64
3	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	59
4	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	59
5	Hexadeca-2,6,10,14-tetraen-1-ol,...	290	C20H34O	007614-21-3	56





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown2.97	2.97	12.3	ng	98337	1	8.10	159845	20.0
2-Pentanone, 4-hy...	5.17	7.3	ng	58669	1	8.10	159845	20.0
unknown7.63	7.63	106.7	ng	852901	1	8.10	159845	20.0
5-Octadecene, (E)-	17.83	2.8	ng	64555	4	17.48	455423	20.0
1-Tetracosanol	21.36	3.0	ng	67180	5	21.75	448950	20.0
Squalene	23.42	2.1	ng	45858	6	25.05	442842	20.0