LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062816\
Data File : BG022692.D
Acq On : 29 Jun 2016 1:46
Operator : UM/SJ
Sample : H3769-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPCH-B1(13-15)

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-BG062516.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	3.053	31	36	49	rBV	2585031	3731948	42.16%	7.064%
2	5.232	401	407	415	rBV	123670	197614	2.23%	0.374%
3	5.702	480	487	497	rBV	2042461	3279979	37.05%	6.209%
4	7.306	752	760	768	rBV	2232055	3898211	44.04%	7.379%
5	7.688	816	825	833	rBV	2075326	3622009	40.92%	6.856%
6	8.158	896	905	914	rBV2	419796	762999	8.62%	1.444%
7	8.487	953	961	969	rVB	1410321	2509536	28.35%	4.750%
8	9.328	1096	1104	1112	rBV	1349753	2404858	27.17%	4.552%
9	10.984	1376	1386	1396	rBV	607762	1083981	12.25%	2.052%
10	13.417	1792	1800	1807	rBV	3385560	5245220	59.26%	9.928%
11	14.239	1934	1940	1947	rBV	332220	513180	5.80%	0.971%
12	14.798	2027	2035	2044	rVB2	980899	1664791	18.81%	3.151%
13	16.284	2281	2288	2301	rBV	3572678	5690260	64.28%	10.771%
14	17.283	2454	2458	2462	rBV2	94887	119680	1.35%	0.227%
15	17.553	2497	2504	2512	rBV	1510566	2308220	26.08%	4.369%
16	18.423	2646	2652	2661	rBV2	349396	530104	5.99%	1.003%
17	19.686	2863	2867	2874	rBV4	180821	254579	2.88%	0.482%
18	20.156	2941	2947	2953	rBV	6392584	8851653	100.00%	16.755%
19	21.490	3164	3174	3182	rBV	69543	255306	2.88%	0.483%
20	21.713	3208	3212	3217	rBV	195745	285555	3.23%	0.541%
21	21.848	3228	3235	3242	rBV2	1606416	2759169	31.17%	5.223%
22	23.581	3525	3530	3540	rVB2	155454	310772	3.51%	0.588%
23	25.203	3795	3806	3818	rBV2	850777	2550560	28.81%	4.828%

Sum of corrected areas: 52830184

LSC Report - Integrated Chromatogram

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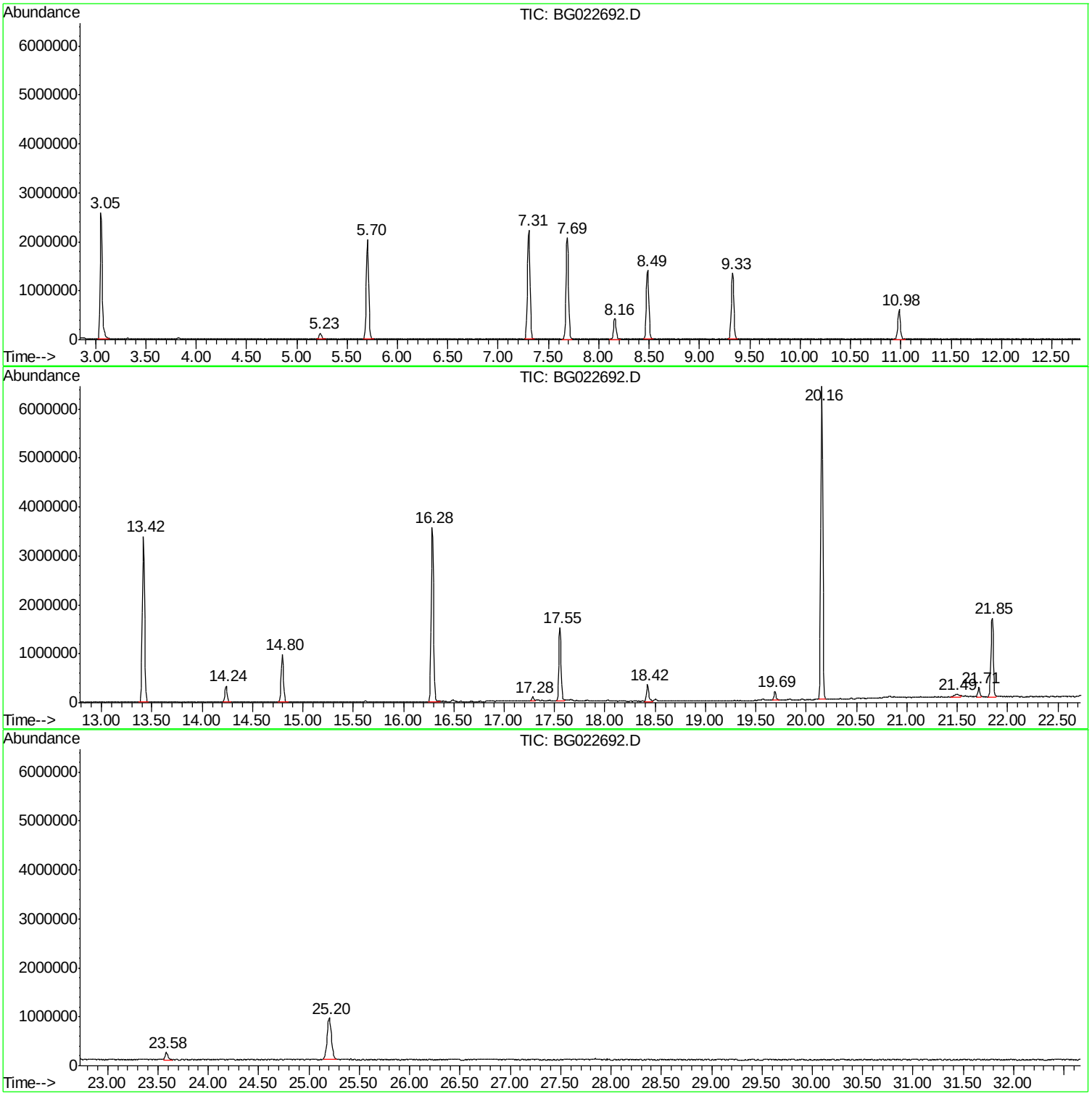
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPCH-B1(13-15)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.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

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062816\
Data File : BG022692.D
Acq On : 29 Jun 2016 1:46
Operator : UM/SJ
Sample : H3769-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPCH-B1(13-15)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

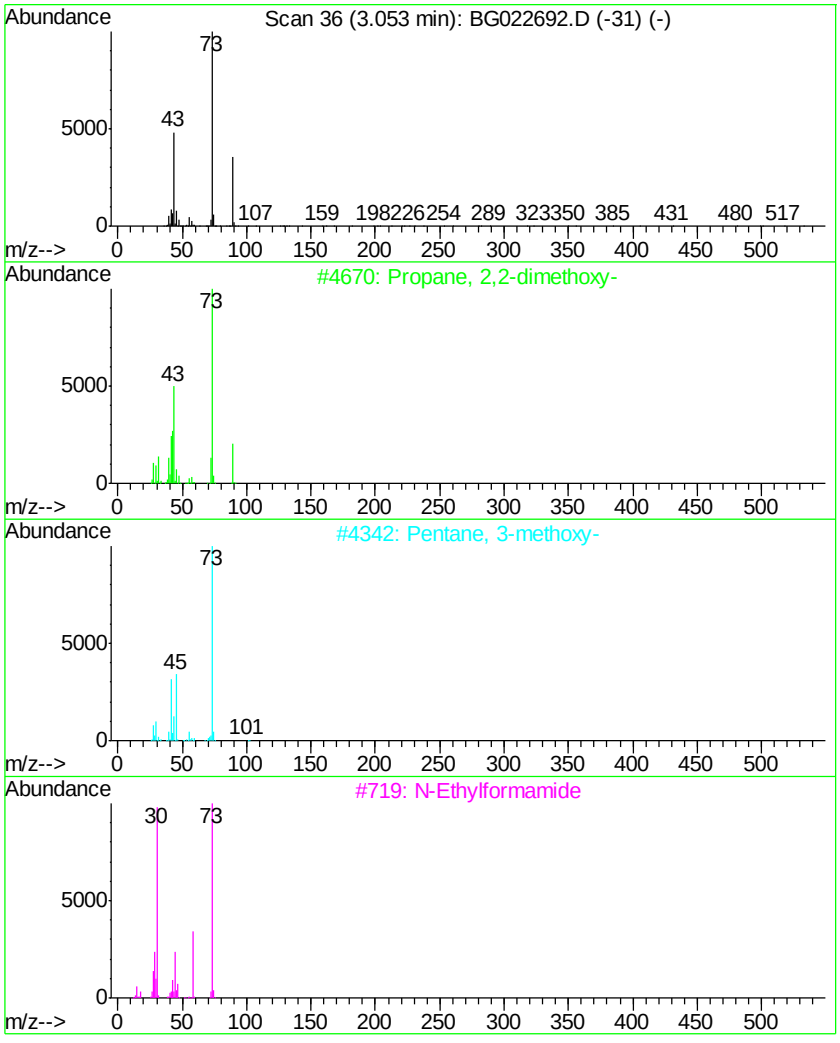
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

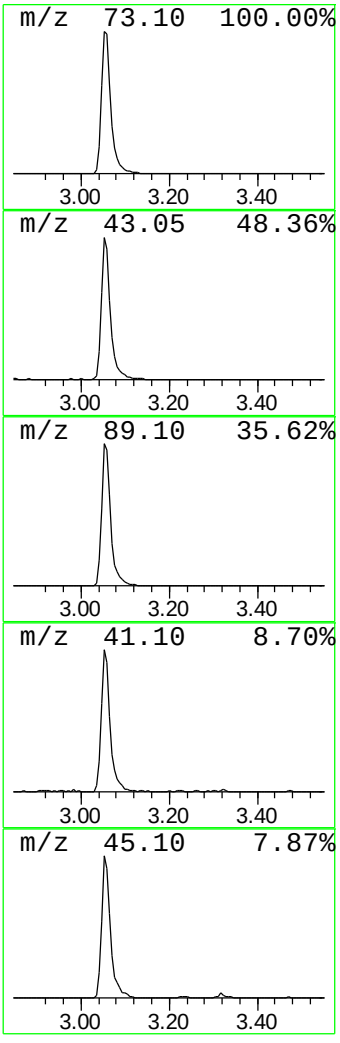
****

Peak Number 1 unknown3.05 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.05	97.82 ng	3731950	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	40
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9
5	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9





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Data File : BG022692.D
Acq On : 29 Jun 2016 1:46
Operator : UM/SJ
Sample : H3769-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPCH-B1(13-15)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.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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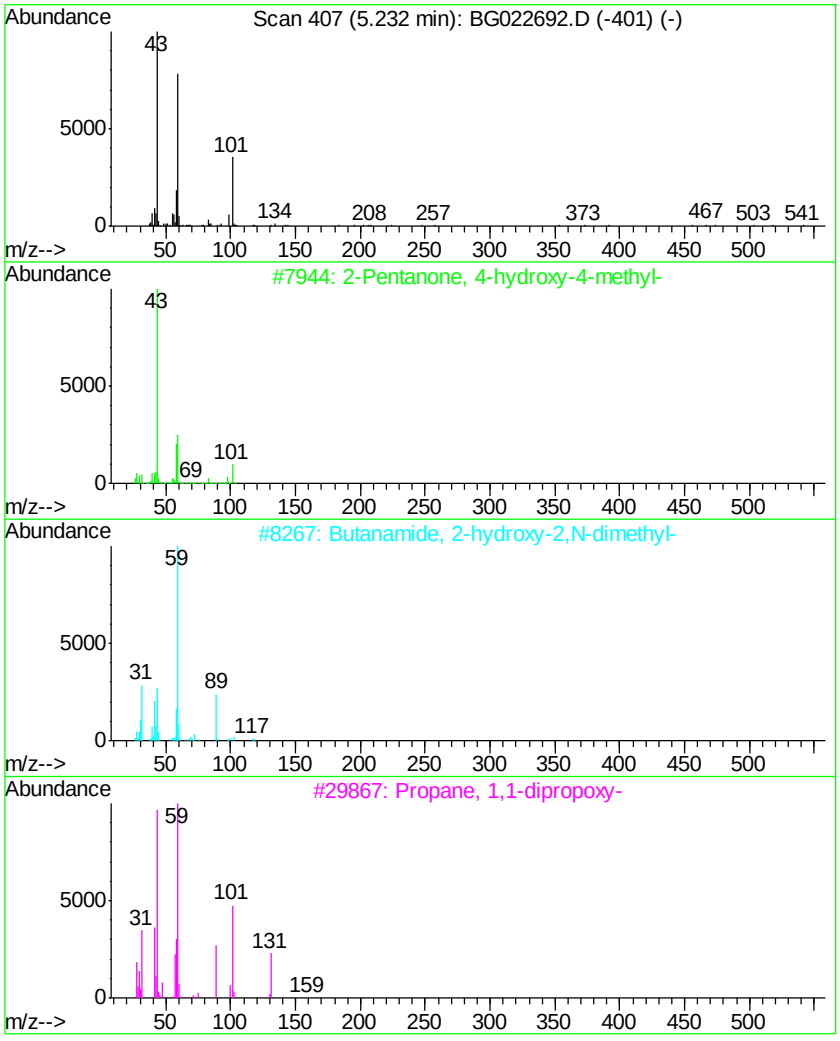
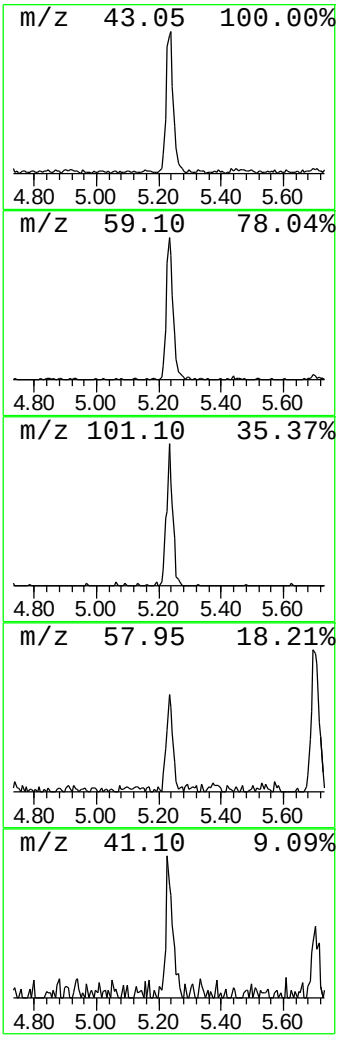
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.23	5.18 ng	197614	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Butanamide, 2-hydroxy-2,N-dimethyl-	117	C5H11NO2	039961-72-3	50
3	Propane, 1,1-dipropoxy-	160	C9H20O2	004744-11-0	50
4	4-Ethyl-3-octanol	158	C10H22O	019781-26-1	40
5	Guanidine	59	CH5N3	000113-00-8	40





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062816\
Data File : BG022692.D
Acq On : 29 Jun 2016 1:46
Operator : UM/SJ
Sample : H3769-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPCH-B1(13-15)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
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TIC Library : C:\DATABASE\NIST02.L
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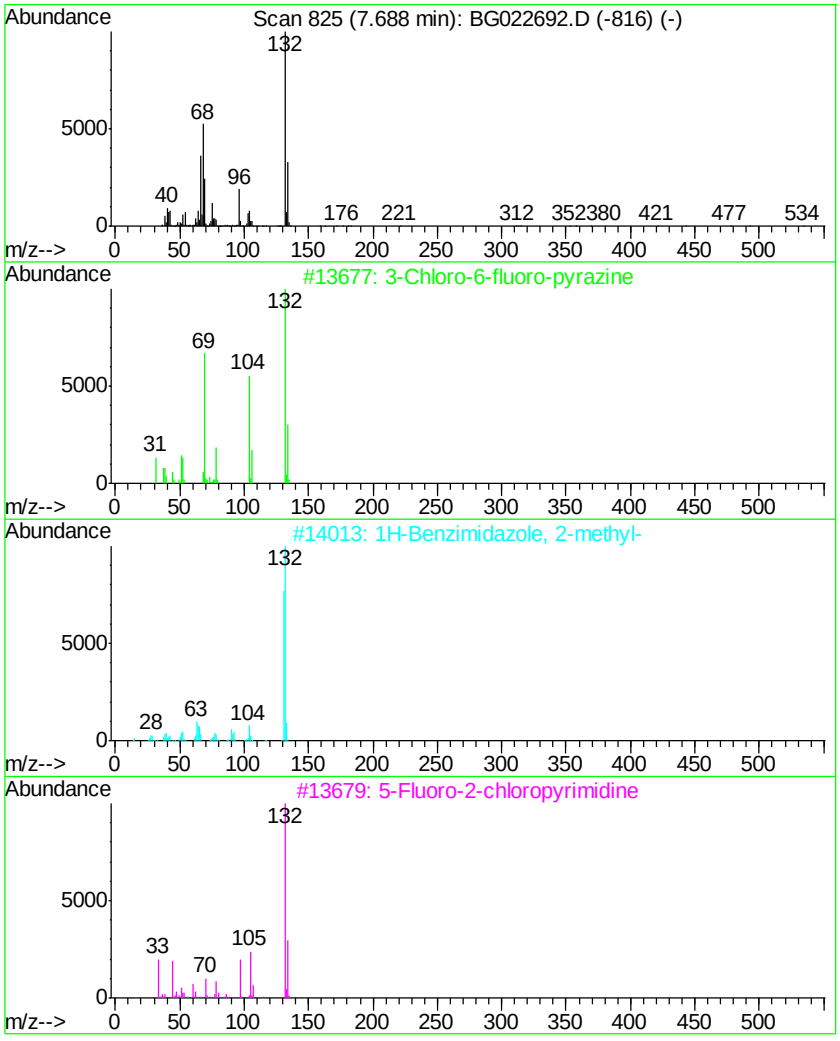
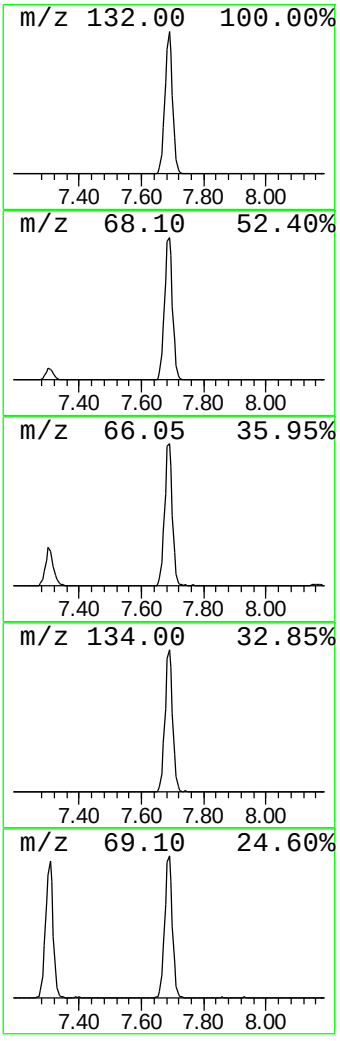
****

Peak Number 3 unknown7.69 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.69	94.94 ng	3622010	1,4-Dichlorobenzene-d4	8.16

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	12
4	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	9
5	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG062816\
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Operator : UM/SJ
Sample : H3769-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPCH-B1(13-15)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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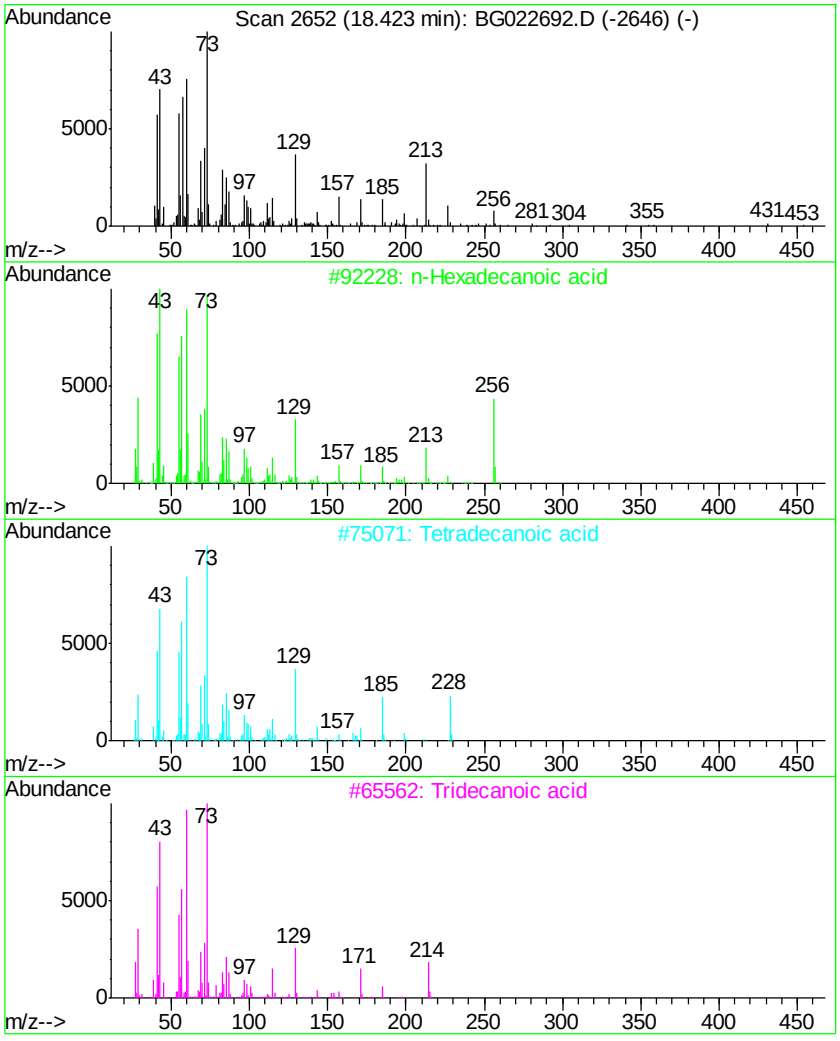
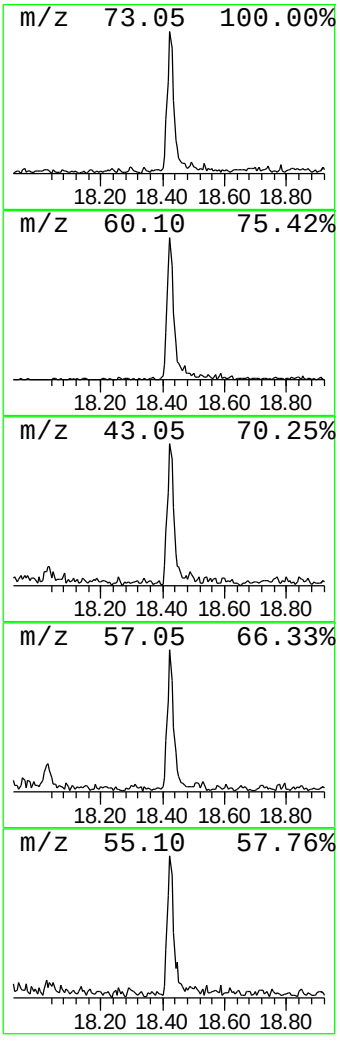
Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	4.59 ng	530104	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	95
3	Tridecanoic acid	214	C13H26O2	000638-53-9	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
5	Dodecanoic acid	200	C12H24O2	000143-07-7	70





Data Path : Z:\HPCHEM1\BNA G\DATA\BG062816\
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Acq On : 29 Jun 2016 1:46
Operator : UM/SJ
Sample : H3769-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPCH-B1(13-15)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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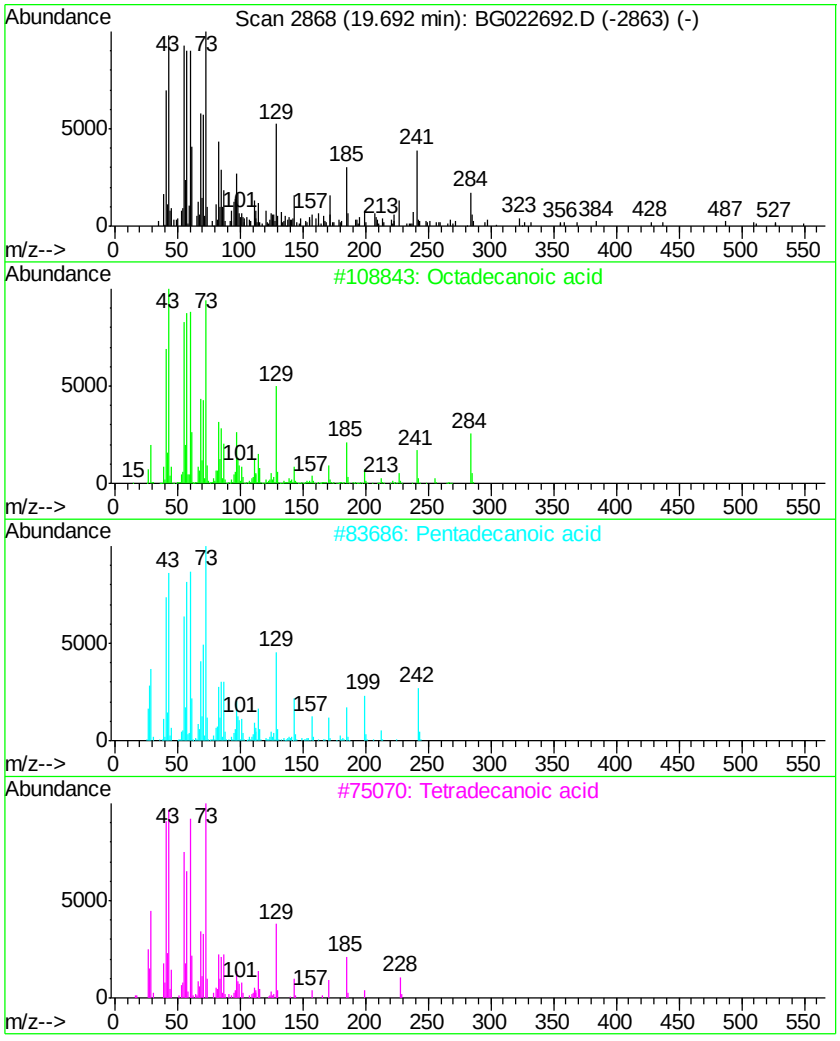
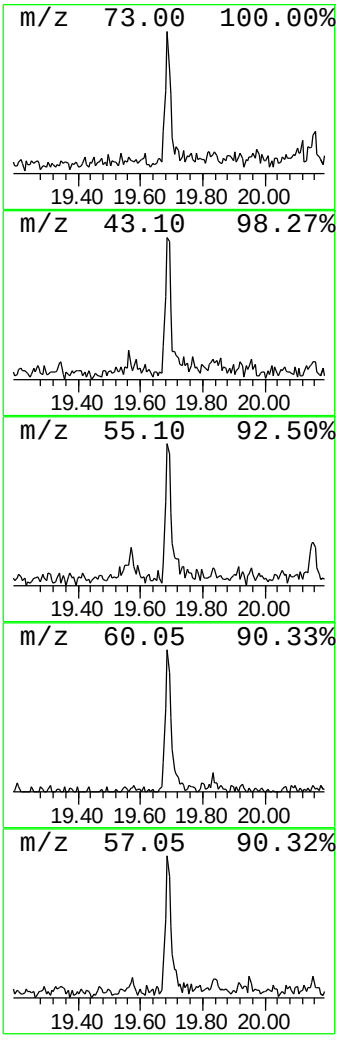
****

Peak Number 6 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.69	2.21 ng	254579	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	96
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
4	n-Decanoic acid	172	C10H20O2	000334-48-5	58
5	Tridecanoic acid	214	C13H26O2	000638-53-9	40





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ClientSampleId : EPCH-B1(13-15)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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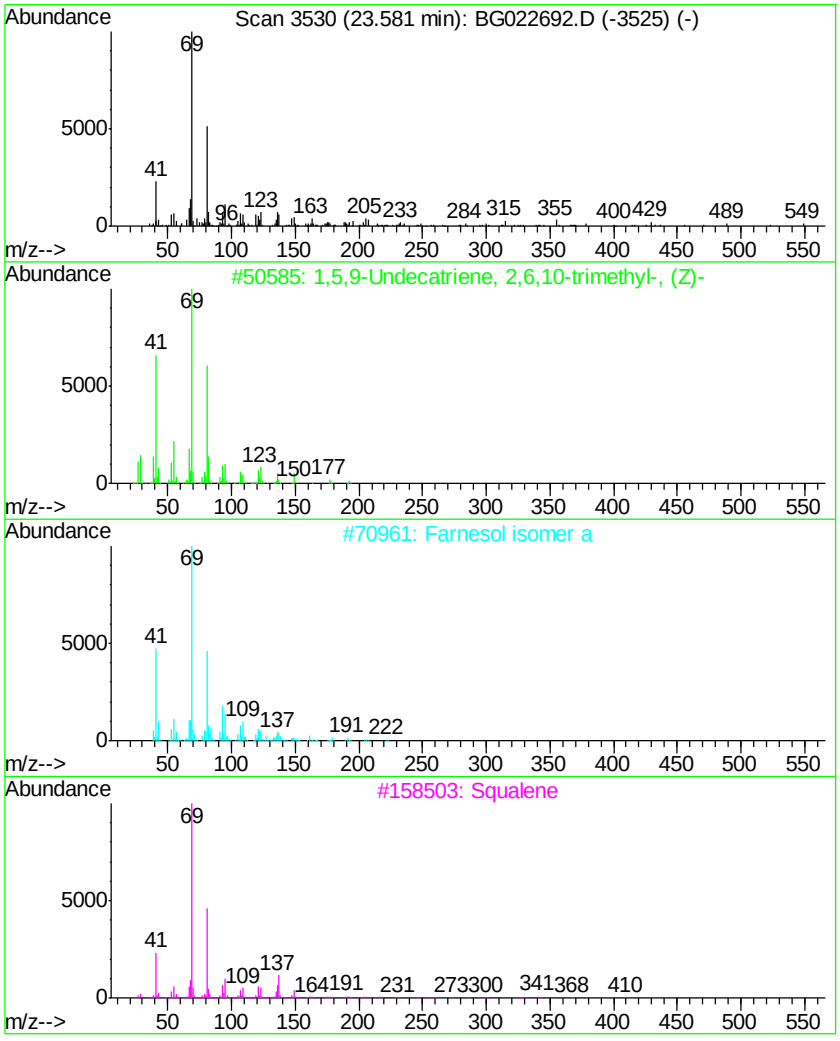
TIC Integration Parameters: LSCINT.P

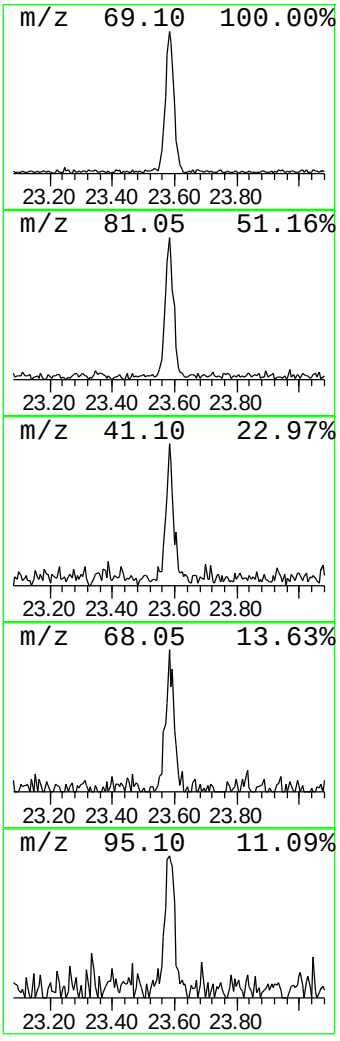
****

Peak Number 7 1,5,9-Undecatriene, 2,6,10-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.58	2.44 ng	310772	Perylene-d12	25.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	74
2	Farnesol isomer a	222	C15H26O	1000108-92-4	72
3	Squalene	410	C30H50	007683-64-9	72
4	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	72
5	4-Methyl-1,5-Heptadiene	110	C8H14	000998-94-7	64





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
unknown3.05	3.05	97.8	ng	3731950	1	8.16	762999	20.0
2-Pentanone, 4-hy...	5.23	5.2	ng	197614	1	8.16	762999	20.0
unknown7.69	7.69	94.9	ng	3622010	1	8.16	762999	20.0
n-Hexadecanoic acid	18.42	4.6	ng	530104	4	17.55	2308220	20.0
Octadecanoic acid	19.69	2.2	ng	254579	4	17.55	2308220	20.0
1,5,9-Undecatrien...	23.58	2.4	ng	310772	6	25.20	2550560	20.0