LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062816\
Data File : BG022696.D
Acq On : 29 Jun 2016 4:27
Operator : UM/SJ
Sample : H3795-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LOCATION-9A-9-11

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	53	rBV	3408072	5026985	42.64%	7.158%
2	3.816	163	166	172	rBV2	86368	134673	1.14%	0.192%
3	5.232	400	407	414	rBV	161194	263057	2.23%	0.375%
4	5.702	480	487	496	rBV	2899097	4671547	39.62%	6.652%
5	7.306	751	760	775	rBV	3053700	5492549	46.59%	7.821%
6	7.688	817	825	834	rBV	2890514	5034614	42.70%	7.169%
7	8.164	896	906	914	rVB	465402	832854	7.06%	1.186%
8	8.487	949	961	971	rBV	2054415	3685835	31.26%	5.248%
9	9.328	1097	1104	1114	rVB	1794516	3366769	28.56%	4.794%
10	10.984	1375	1386	1393	rBV	645298	1157159	9.81%	1.648%
11	13.417	1791	1800	1807	rBV	4722927	7436041	63.07%	10.588%
12	14.234	1932	1939	1946	rBV	711130	1068524	9.06%	1.522%
13	14.798	2027	2035	2044	rVB2	1060381	1745848	14.81%	2.486%
14	16.284	2279	2288	2297	rBV	5049796	7894583	66.96%	11.241%
15	17.283	2454	2458	2463	rBV2	115503	146977	1.25%	0.209%
16	17.553	2494	2504	2510	rBV2	1574361	2382545	20.21%	3.393%
17	18.423	2646	2652	2660	rBV	649606	884660	7.50%	1.260%
18	19.686	2861	2867	2876	rBV	476087	673466	5.71%	0.959%
19	20.156	2940	2947	2956	rBV	8637354	11789931	100.00%	16.788%
20	21.678	3202	3206	3208	rBV	211456	274911	2.33%	0.391%
21	21.842	3228	3234	3241	rBV	1672142	2791630	23.68%	3.975%
22	22.724	3380	3384	3393	rVB	74852	154743	1.31%	0.220%
23	23.581	3525	3530	3537	rVB3	120953	255284	2.17%	0.364%
24	24.222	3634	3639	3648	rVB6	104422	235487	2.00%	0.335%
25	25.203	3796	3806	3820	rVB2	907334	2632193	22.33%	3.748%
26	26.408	4005	4011	4017	rVB3	81328	194995	1.65%	0.278%

Sum of corrected areas: 70227860

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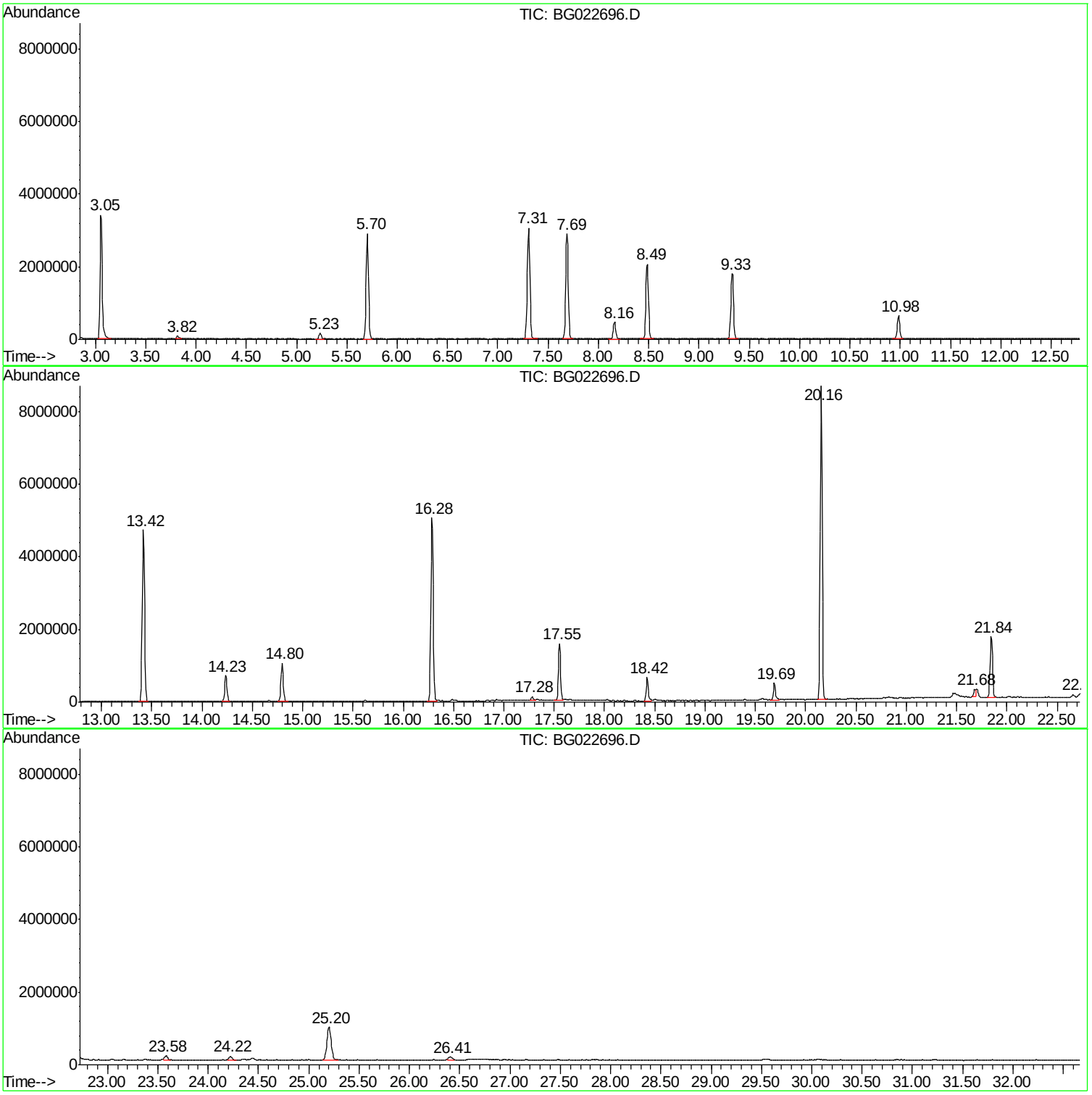
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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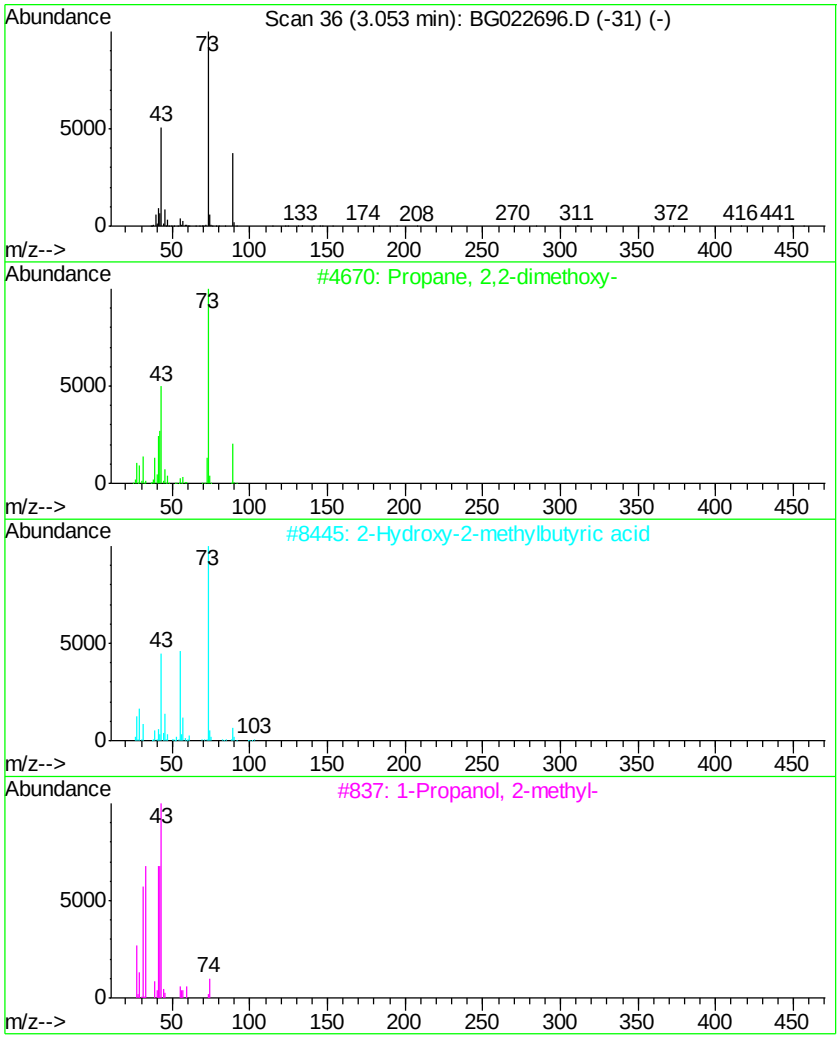
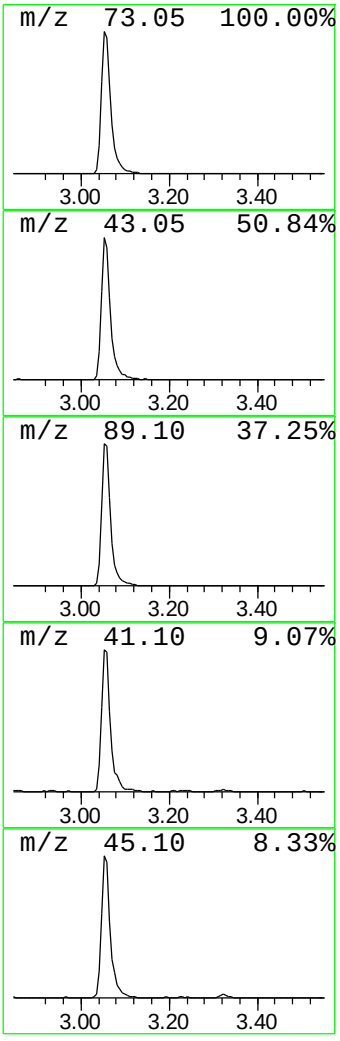
Peak Number 1 unknown3.05 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.05	120.72 ng	5026990	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	38
2	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	33
3	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
4	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	9
5	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9





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Instrument : BNA_G
ClientSampleId : LOCATION-9A-9-11

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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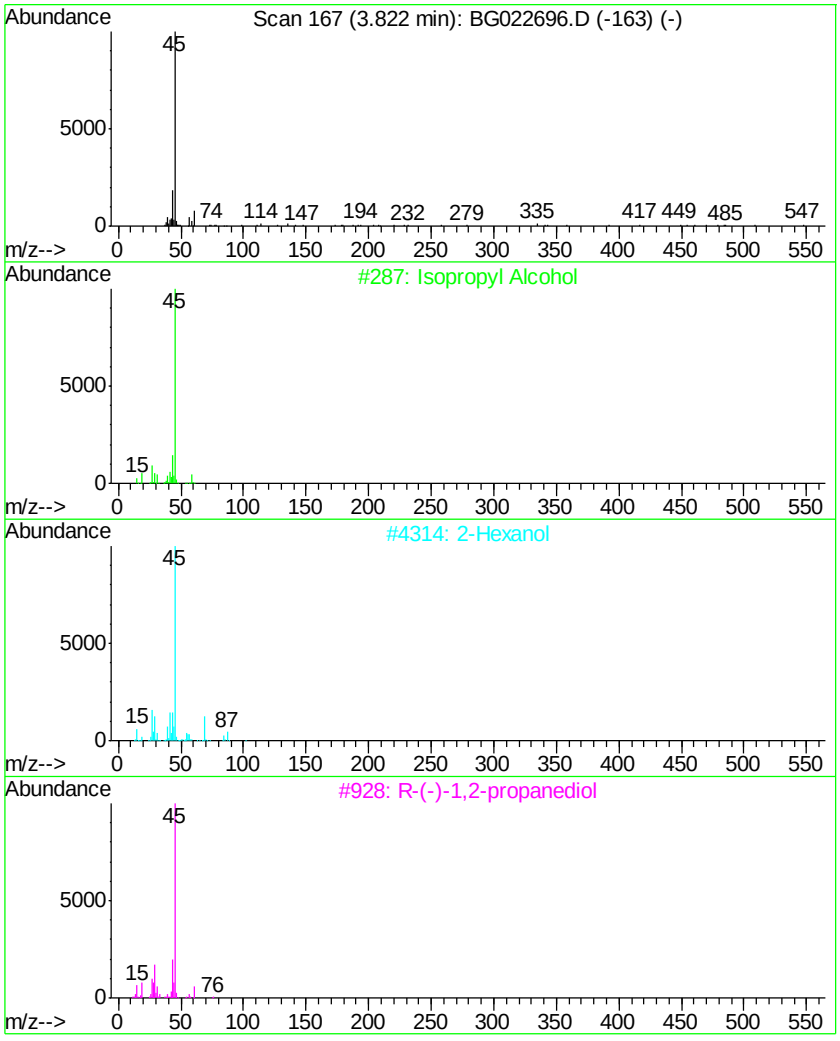
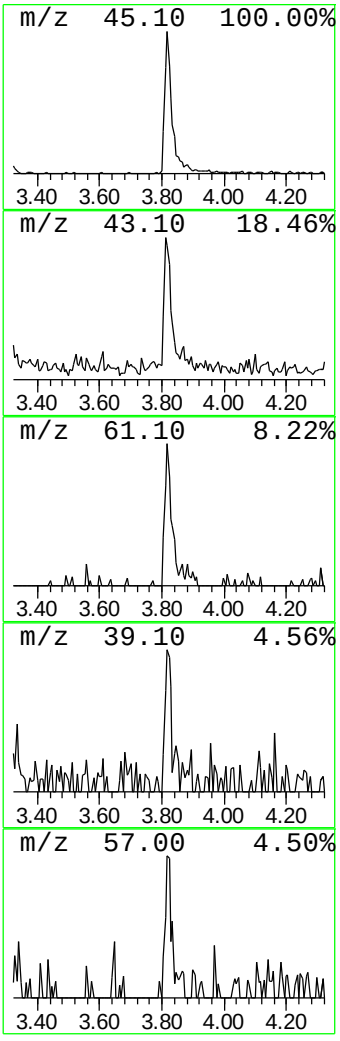
Peak Number 2 Isopropyl Alcohol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.82	3.23 ng	134673	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	64
2	2-Hexanol	102	C6H14O	000626-93-7	45
3	R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	39
4	Propylene Glycol	76	C3H8O2	000057-55-6	39
5	2-Butanol	74	C4H10O	000078-92-2	38





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Misc :
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Instrument : BNA_G
ClientSampleId : LOCATION-9A-9-11

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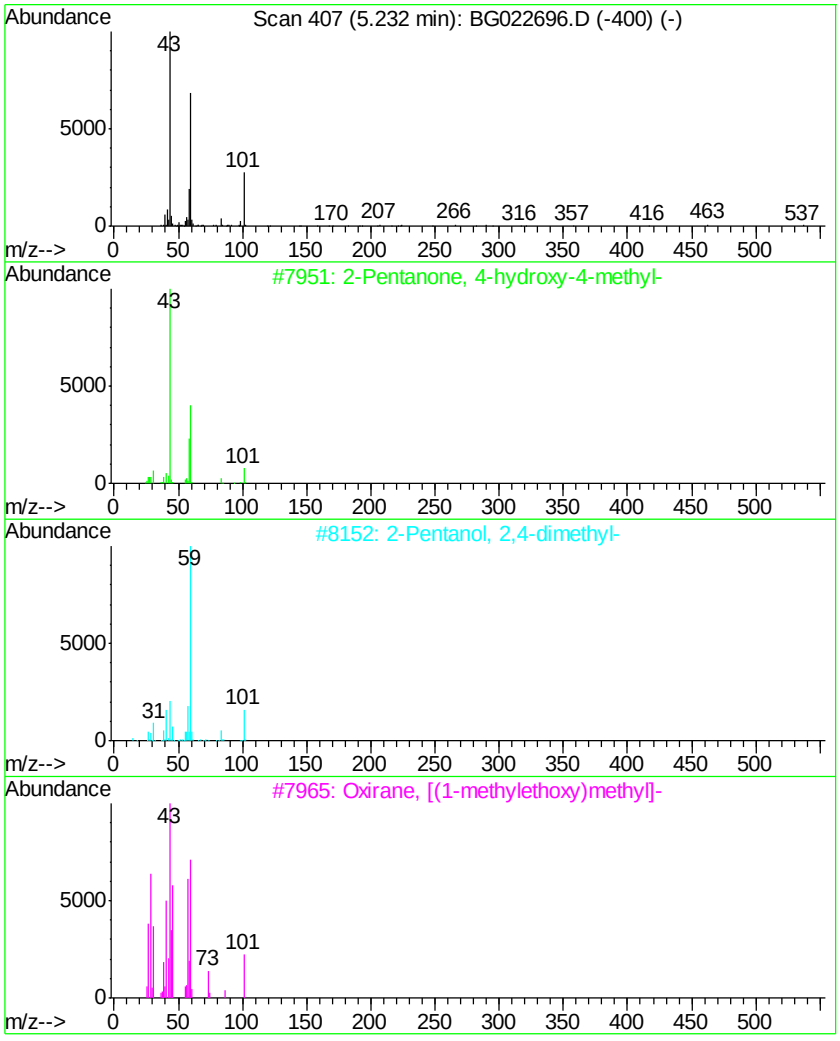
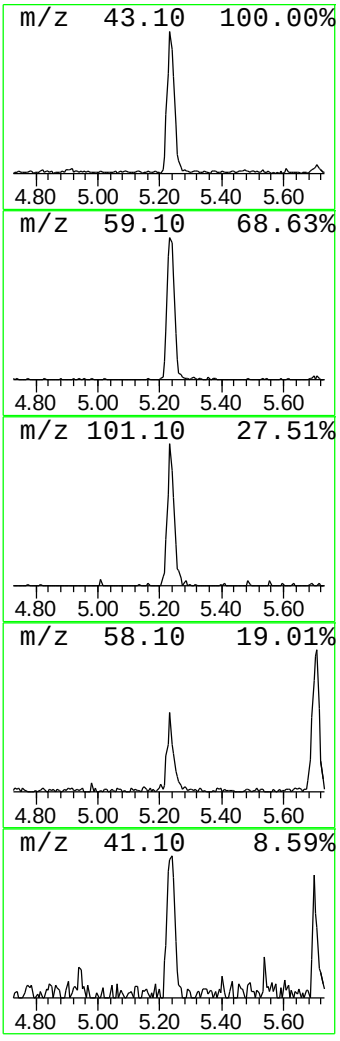
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.23	6.32 ng	263057	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	45
2	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	42
3	Oxirane, [(1-methylethoxy)methyl]-	116	C6H12O2	004016-14-2	38
4	Acetic acid, 10,11-dihydroxy-3,7...	298	C17H30O4	1000194-28-5	37
5	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	28





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Instrument : BNA_G
ClientSampleId : LOCATION-9A-9-11

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
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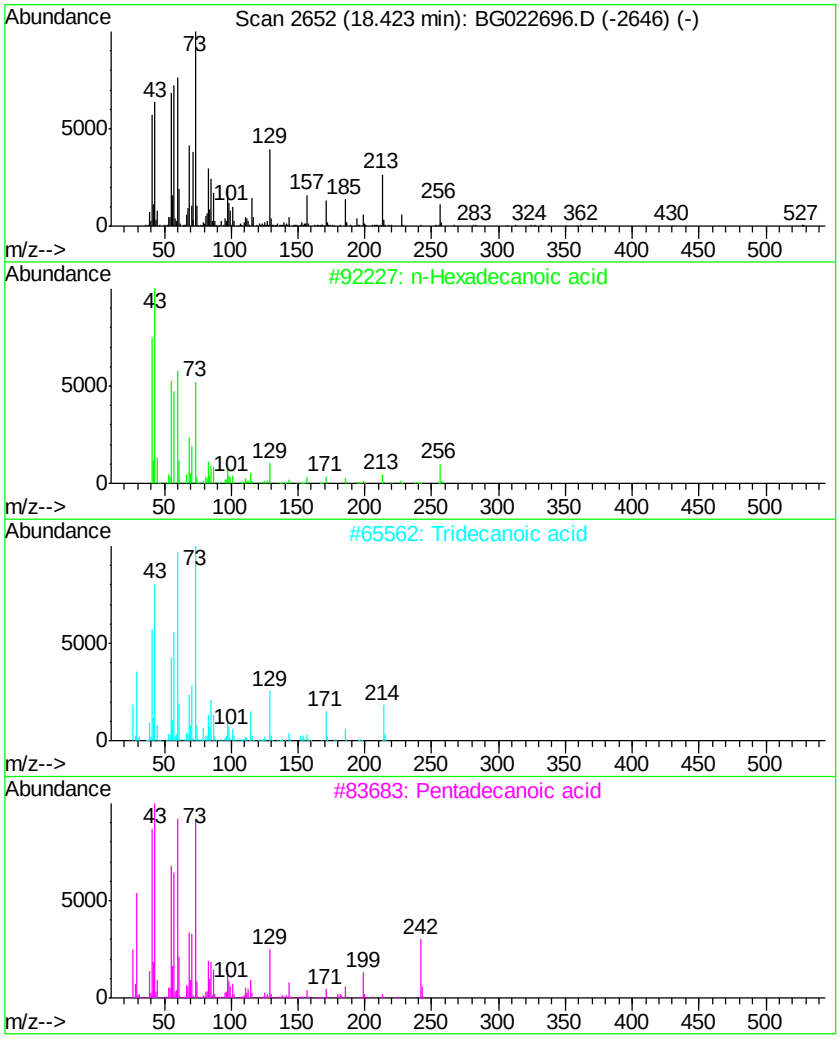
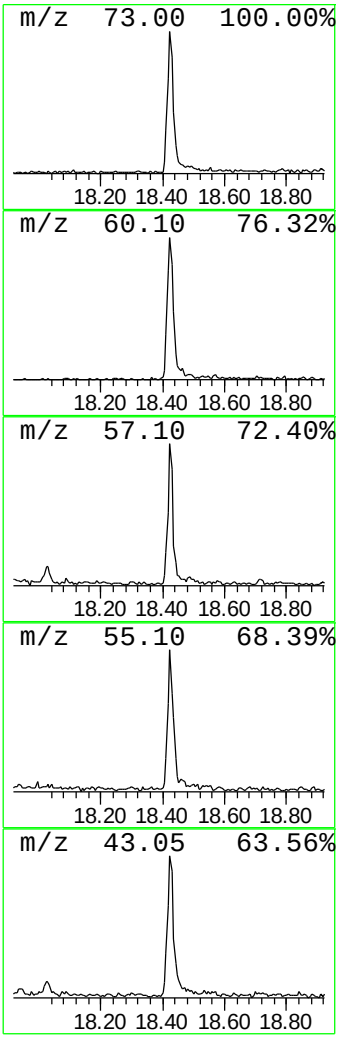
Peak Number 6 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	7.43 ng	884660	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76





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ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LOCATION-9A-9-11

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
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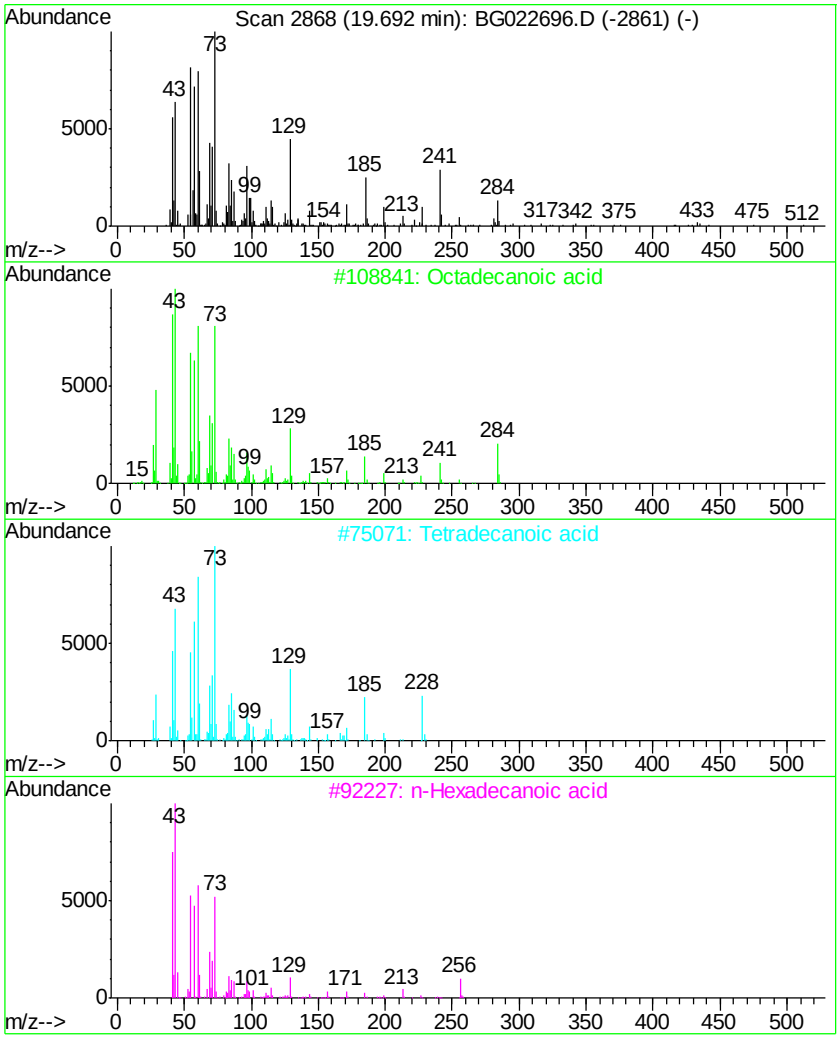
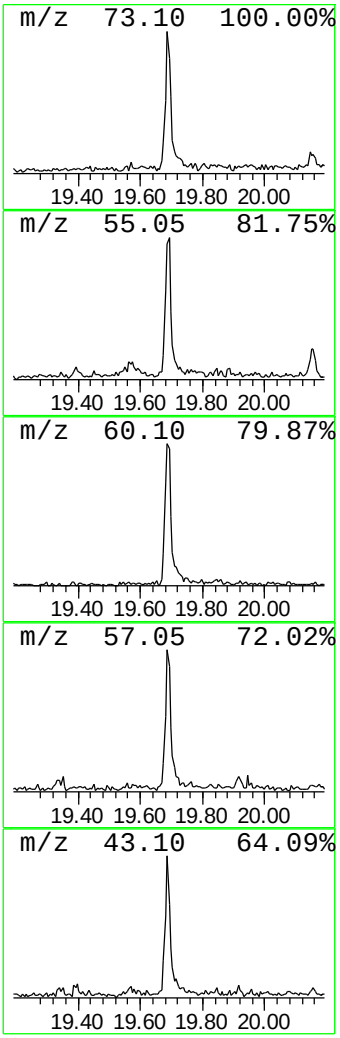
Peak Number 7 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.69	5.65 ng	673466	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	93
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	80
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	62





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	120.7	ng	5026990	1	8.16	832854	20.0
Isopropyl Alcohol	3.82	3.2	ng	134673	1	8.16	832854	20.0
2-Pentanone, 4-hy...	5.23	6.3	ng	263057	1	8.16	832854	20.0
n-Hexadecanoic acid	18.42	7.4	ng	884660	4	17.55	2382550	20.0
Octadecanoic acid	19.69	5.7	ng	673466	4	17.55	2382550	20.0