LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080316\
Data File : BG023431.D
Acq On : 3 Aug 2016 18:43
Operator : UM/SJ
Sample : H4287-15
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-62-7.0-8.0

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-BG080116.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	2.996	24	27	37	rVB	91074	129012	1.23%	0.231%
2	5.181	393	399	408	rBV	615053	942505	8.96%	1.687%
3	5.657	473	480	493	rBV	2227999	3645996	34.67%	6.527%
4	7.273	746	755	771	rBV	2526978	4523221	43.01%	8.097%
5	7.649	810	819	835	rBV	2297292	4032187	38.34%	7.218%
6	8.119	893	899	906	rBV	355234	604371	5.75%	1.082%
7	8.442	946	954	963	rBV	1497557	2666965	25.36%	4.774%
8	9.294	1092	1099	1108	rBV	1462844	2674950	25.43%	4.788%
9	10.950	1371	1381	1390	rBV	524463	965013	9.18%	1.727%
10	13.400	1789	1798	1806	rBV	3705637	5860785	55.73%	10.492%
11	14.222	1932	1938	1945	rBV	1242815	1848484	17.58%	3.309%
12	14.780	2026	2033	2042	rBV2	908873	1554096	14.78%	2.782%
13	15.603	2170	2173	2180	rVB	100227	141103	1.34%	0.253%
14	16.278	2281	2288	2302	rBV	4057343	6271045	59.63%	11.226%
15	16.472	2315	2321	2330	rBV	121234	211385	2.01%	0.378%
16	17.265	2452	2456	2460	rBV	84868	115926	1.10%	0.208%
17	17.541	2497	2503	2511	rBV	1524521	2311510	21.98%	4.138%
18	17.905	2560	2565	2579	rBV4	79582	193584	1.84%	0.347%
19	18.417	2647	2652	2662	rBV	521957	785045	7.46%	1.405%
20	19.680	2863	2867	2880	rBV	330913	554015	5.27%	0.992%
21	20.155	2941	2948	2957	rBV	7311975	10517044	100.00%	18.827%
22	21.465	3166	3171	3182	rBV3	119102	304368	2.89%	0.545%
23	21.859	3231	3238	3246	rVB	1503038	2613380	24.85%	4.678%
24	25.237	3802	3813	3827	rVB2	830458	2396110	22.78%	4.289%

Sum of corrected areas: 55862100

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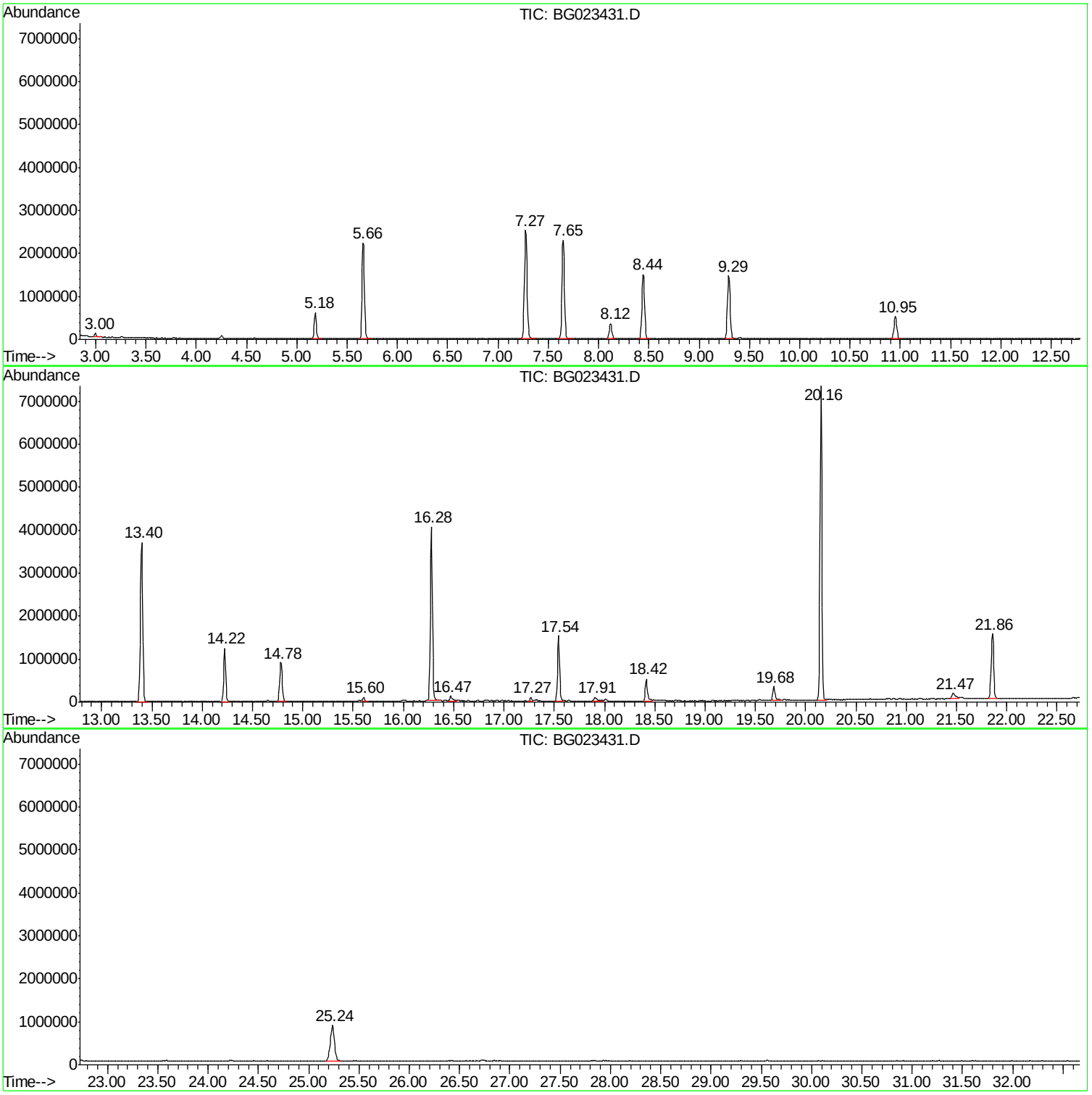
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
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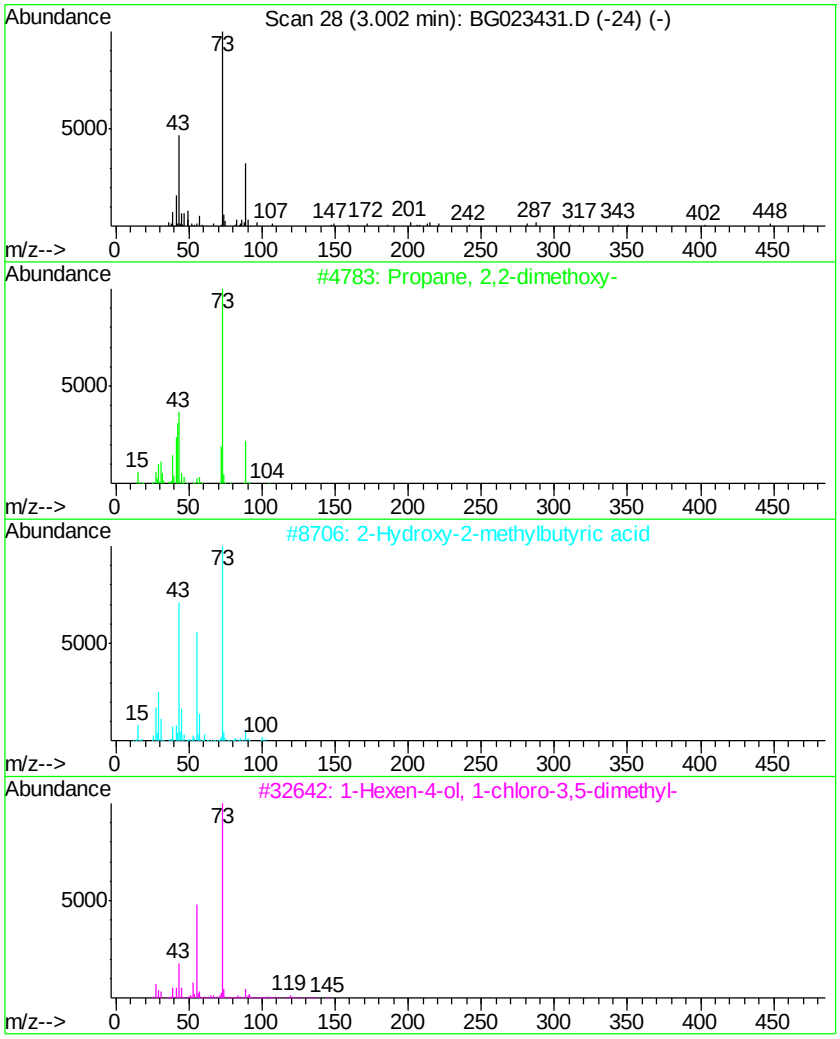
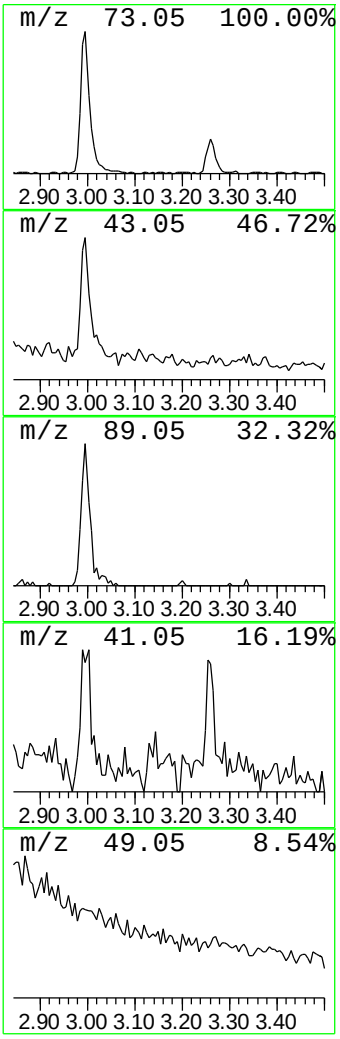
Peak Number 1 unknown3.00 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.00	4.27 ng	129012	1,4-Dichlorobenzene-d4	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	40
2	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	17
3	1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	10
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	3-[1,3]Dioxolan-2-yl-4-methoxy-6...	266	C11H10N2O6	1000275-78-7	9





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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-62-7.0-8.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
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TIC Library : C:\DATABASE\NIST11.L
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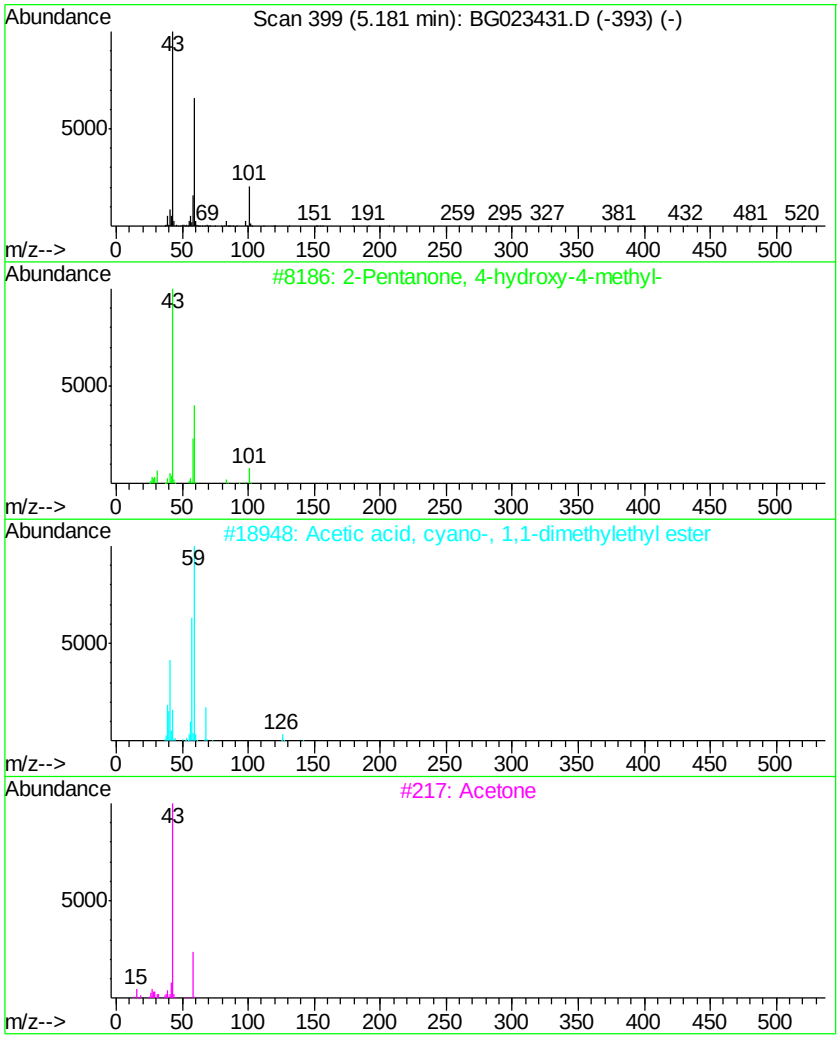
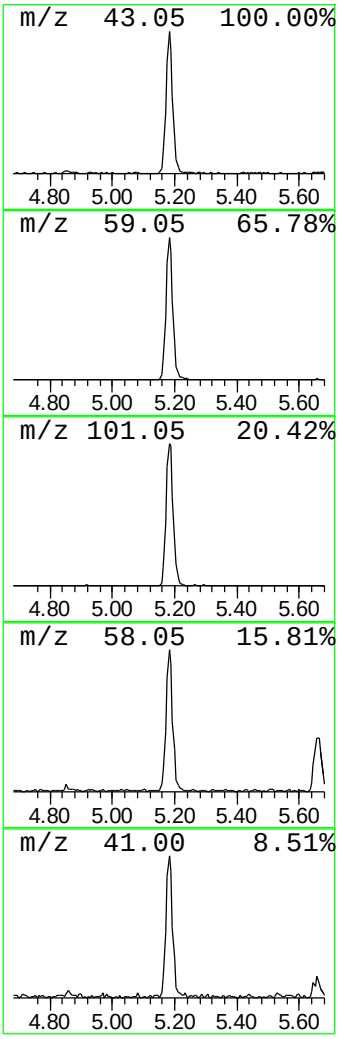
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	31.19 ng	942505	1,4-Dichlorobenzene-d4	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	Acetone	58	C3H6O	000067-64-1	10
4	Guanidine	59	CH5N3	000113-00-8	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





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Operator : UM/SJ
Sample : H4287-15
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-62-7.0-8.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
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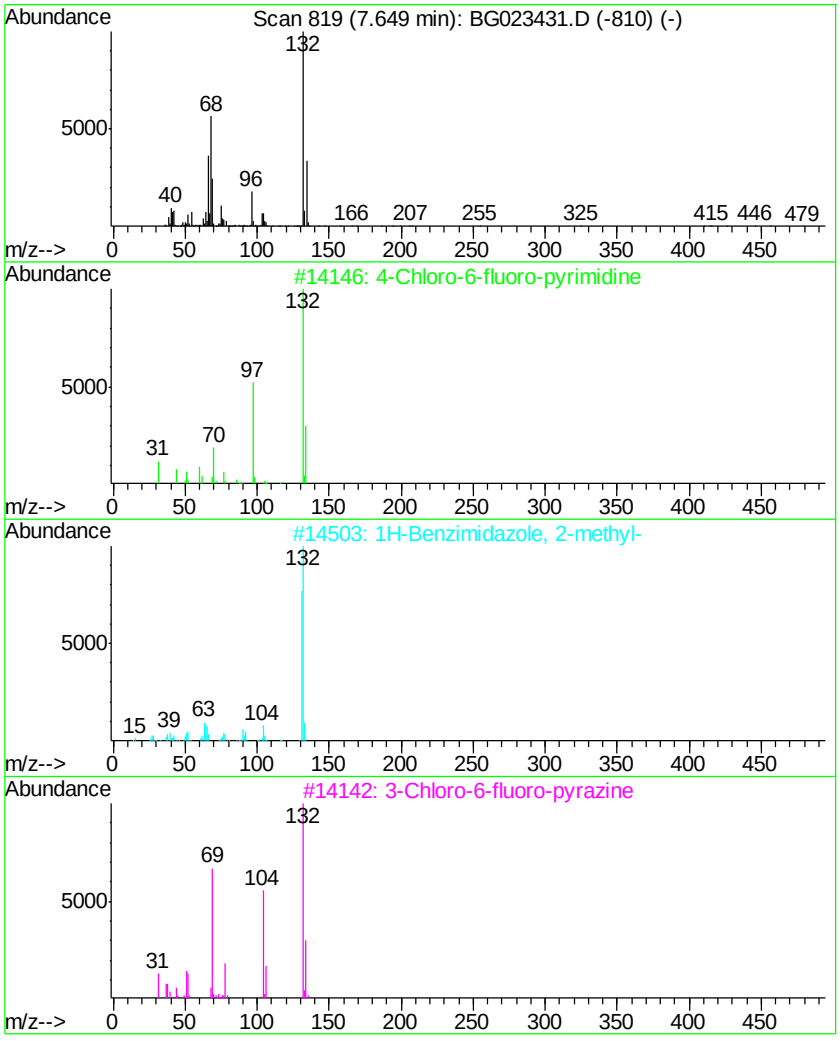
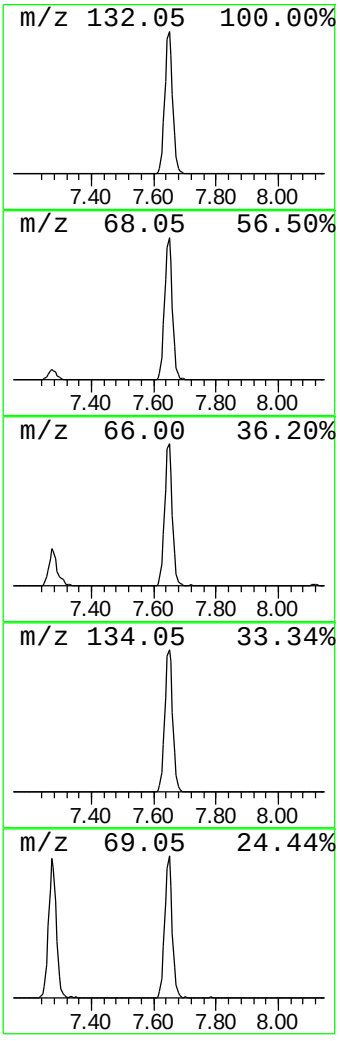
Peak Number 3 unknown7.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.65	133.43 ng	4032190	1,4-Dichlorobenzene-d4	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12





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Instrument : BNA_G
ClientSampleId : SB-62-7.0-8.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
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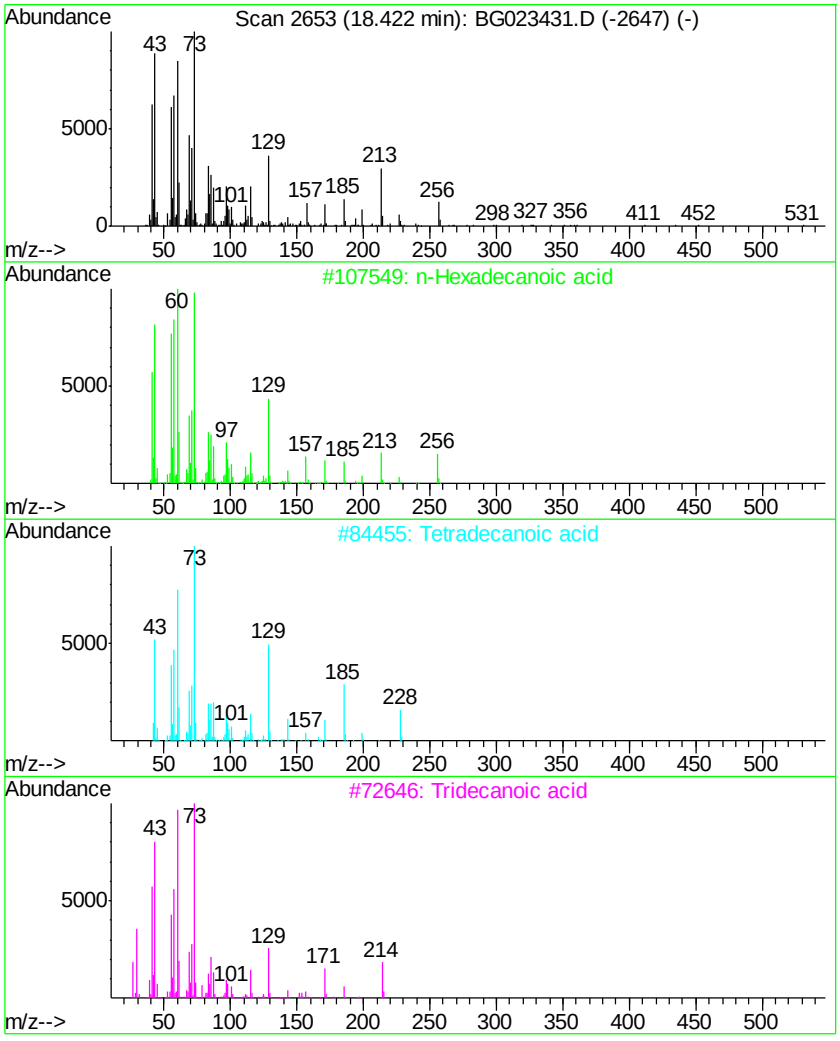
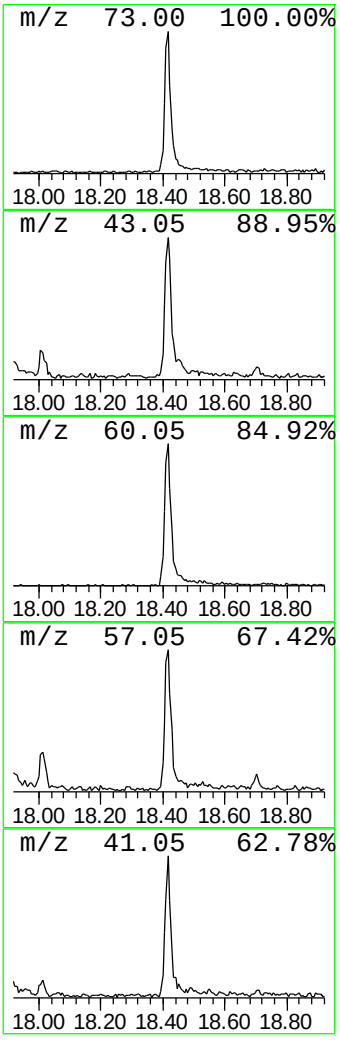
Peak Number 5 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	6.79 ng	785045	Phenanthrene-d10	17.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	95
3	Tridecanoic acid	214	C13H26O2	000638-53-9	91
4	Octadecanoic acid	284	C18H36O2	000057-11-4	81
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	76





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Operator : UM/SJ
Sample : H4287-15
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-62-7.0-8.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
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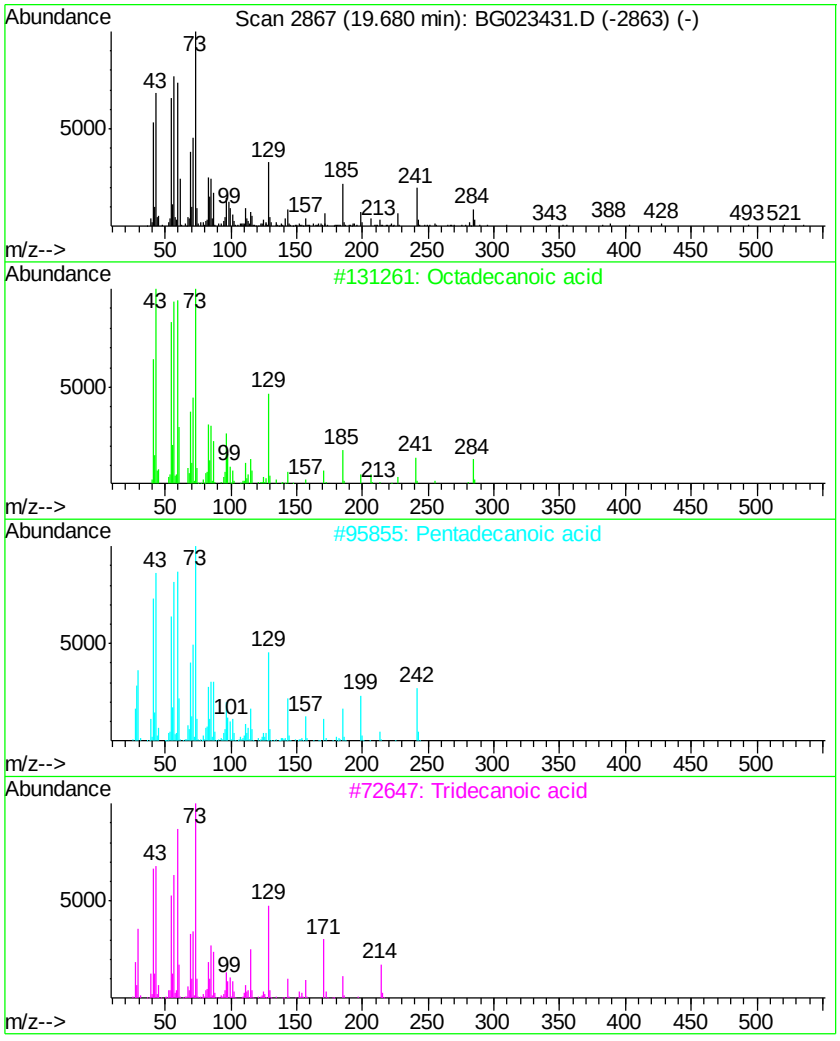
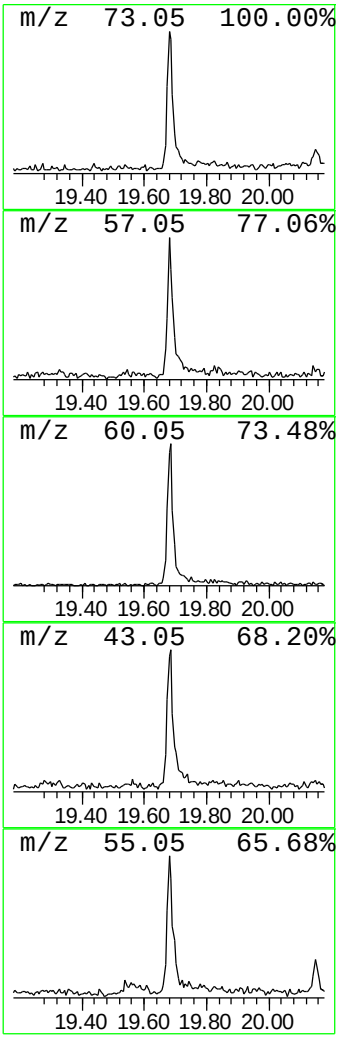
Peak Number 6 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.68	4.79 ng	554015	Phenanthrene-d10	17.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
3	Tridecanoic acid	214	C13H26O2	000638-53-9	70
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64
5	Dodecanoic acid	200	C12H24O2	000143-07-7	53





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Misc :
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Instrument : BNA_G
ClientSampleId : SB-62-7.0-8.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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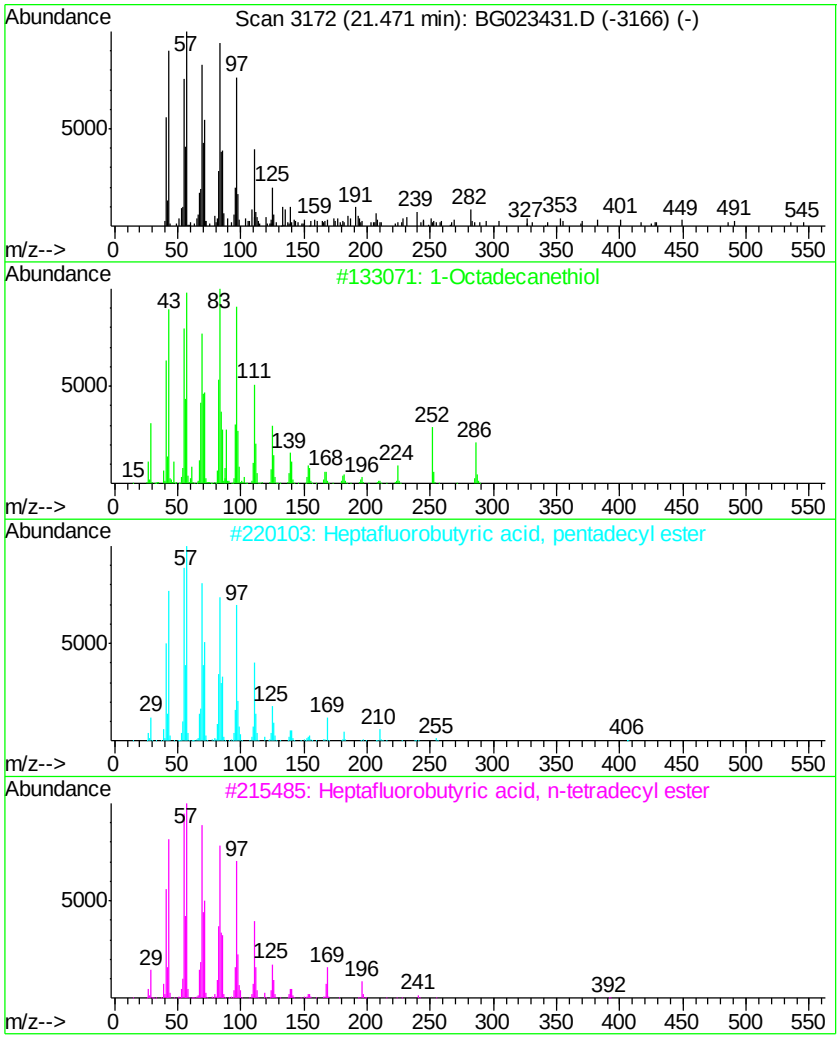
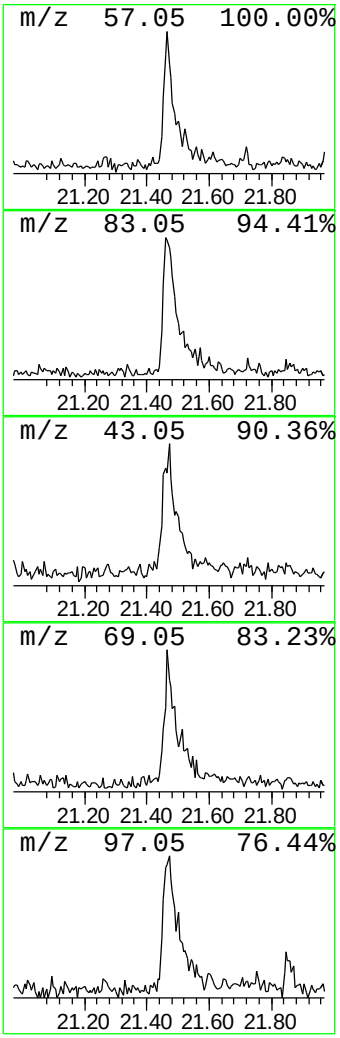
Peak Number 7 1-Octadecanethiol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.47	2.33 ng	304368	Chrysene-d12	21.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecanethiol	286	C18H38S	002885-00-9	95
2	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
3	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	91
4	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	91
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91





Tentatively Identified Compound (LSC) summary

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown3.00	3.00	4.3	ng	129012	1	8.12	604371	20.0
2-Pentanone, 4-hy...	5.18	31.2	ng	942505	1	8.12	604371	20.0
unknown7.65	7.65	133.4	ng	4032190	1	8.12	604371	20.0
n-Hexadecanoic acid	18.42	6.8	ng	785045	4	17.54	2311510	20.0
Octadecanoic acid	19.68	4.8	ng	554015	4	17.54	2311510	20.0
1-Octadecanethiol	21.47	2.3	ng	304368	5	21.86	2613380	20.0