LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051515\
Data File : BG017178.D
Acq On : 15 May 2015 16:39
Operator : TP/IZ
Sample : G2216-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TW-8

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-BG051315.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	2.793	14	18	27	rBV	83290	143573	3.55%	0.777%
2	2.875	27	32	38	rVV	380315	485091	11.98%	2.625%
3	4.814	357	362	371	rVB	75368	109034	2.69%	0.590%
4	5.302	438	445	459	rVB	446332	653661	16.14%	3.537%
5	6.906	711	718	726	rBV	341441	538502	13.30%	2.914%
6	7.247	768	776	784	rBV	805437	1241859	30.67%	6.720%
7	7.705	848	854	863	rVB	190066	306370	7.57%	1.658%
8	8.022	901	908	915	rBV	663727	1066255	26.33%	5.770%
9	8.868	1045	1052	1060	rVB	585786	969418	23.94%	5.246%
10	10.502	1320	1330	1334	rBV	258618	431600	10.66%	2.335%
11	10.549	1334	1338	1345	rVB	133614	203912	5.04%	1.103%
12	12.981	1744	1752	1758	rBV	1469698	2191505	54.12%	11.859%
13	13.821	1889	1895	1899	rBV	35122	52338	1.29%	0.283%
14	14.362	1978	1987	1994	rBV2	385541	591255	14.60%	3.199%
15	15.725	2214	2219	2224	rVB	31427	46115	1.14%	0.250%
16	15.854	2233	2241	2253	rBV	1497165	2088725	51.58%	11.303%
17	16.260	2304	2310	2315	rBV3	46709	77745	1.92%	0.421%
18	16.753	2390	2394	2403	rBV2	54441	94770	2.34%	0.513%
19	17.106	2448	2454	2459	rBV	568684	797739	19.70%	4.317%
20	18.011	2603	2608	2615	rBV2	185701	260591	6.44%	1.410%
21	19.292	2822	2826	2837	rBV2	124513	199715	4.93%	1.081%
22	19.744	2896	2903	2915	rBV	3127652	4049411	100.00%	21.912%
23	21.007	3115	3118	3125	rBV3	57229	86255	2.13%	0.467%
24	21.289	3161	3166	3171	rBV	730996	921052	22.75%	4.984%
25	23.557	3544	3552	3563	rVB2	451150	873677	21.58%	4.728%

Sum of corrected areas: 18480168

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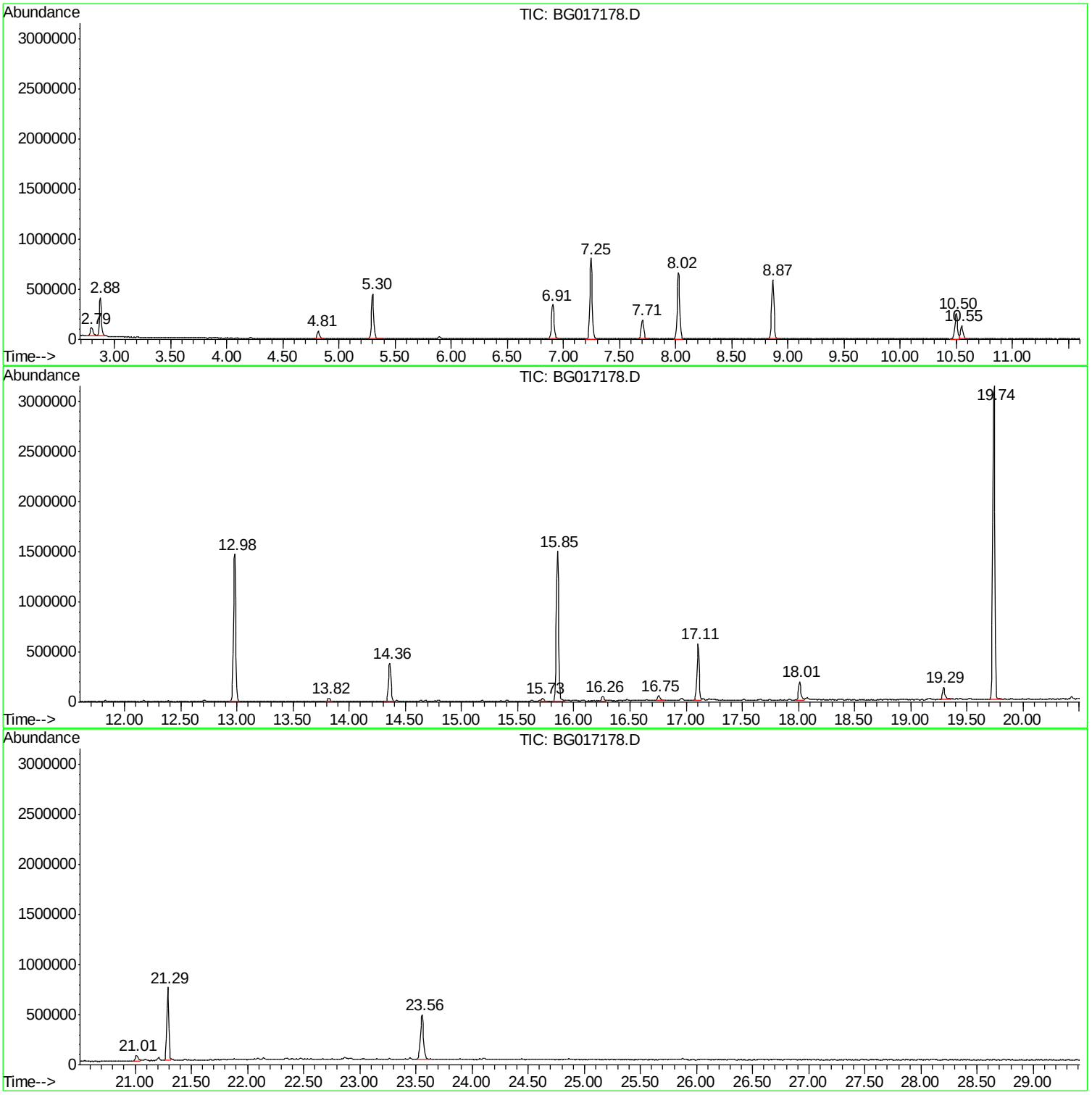
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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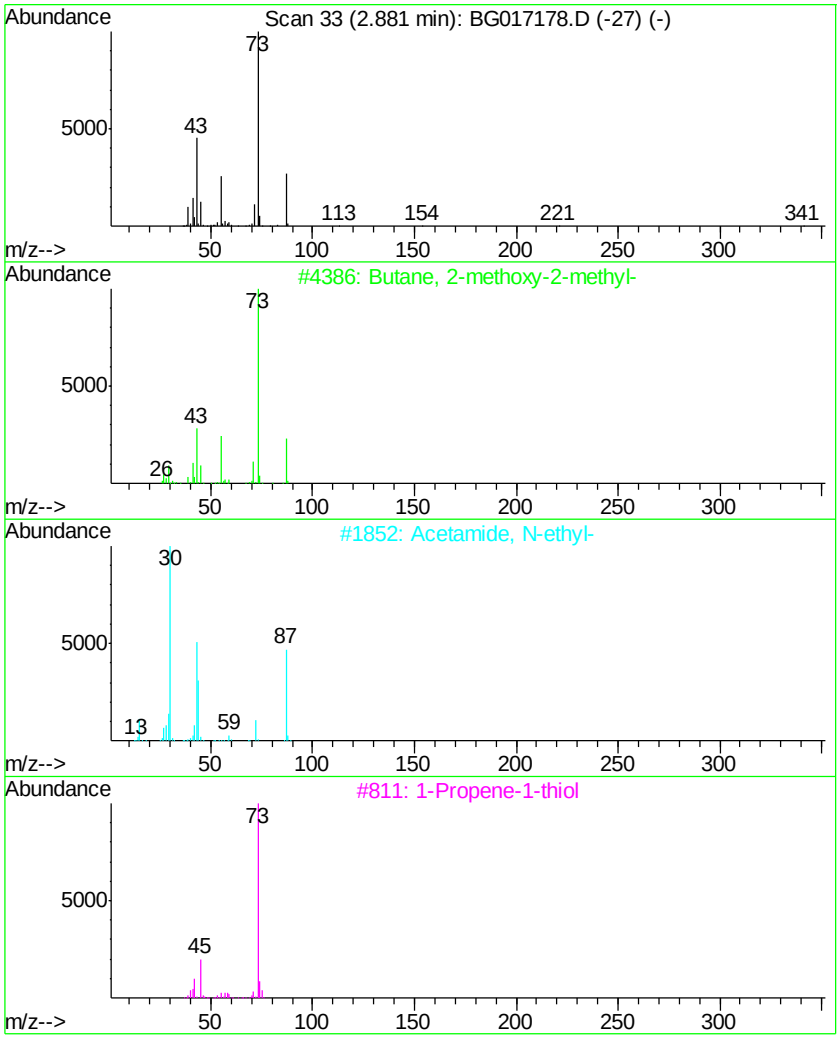
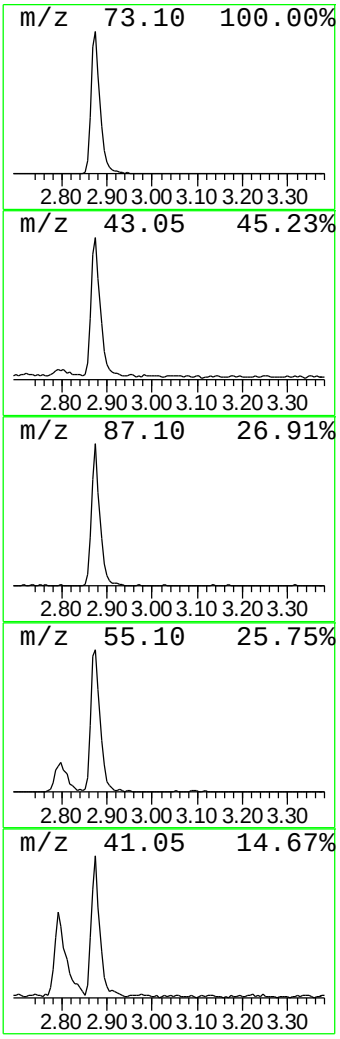
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.88	31.67 ng	485091	1,4-Dichlorobenzene-d4	7.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
3	1-Propene-1-thiol	74	C3H6S	000925-89-3	9
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





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Instrument : BNA_G
ClientSampleId : TW-8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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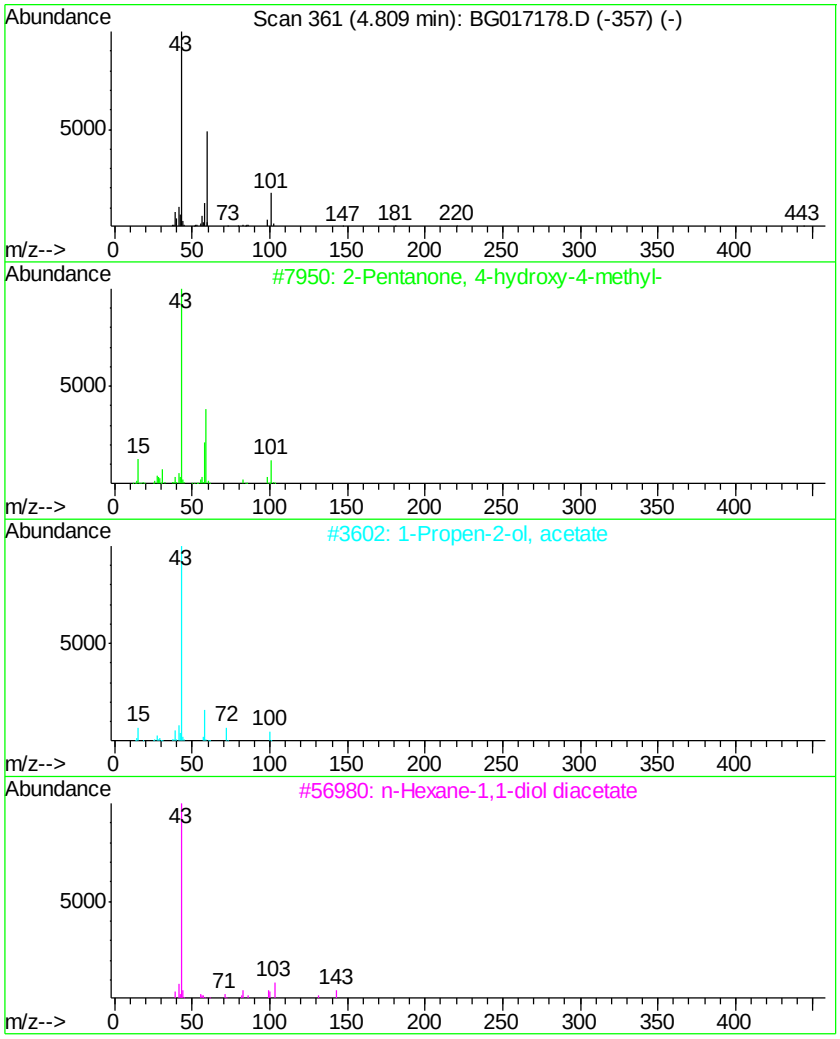
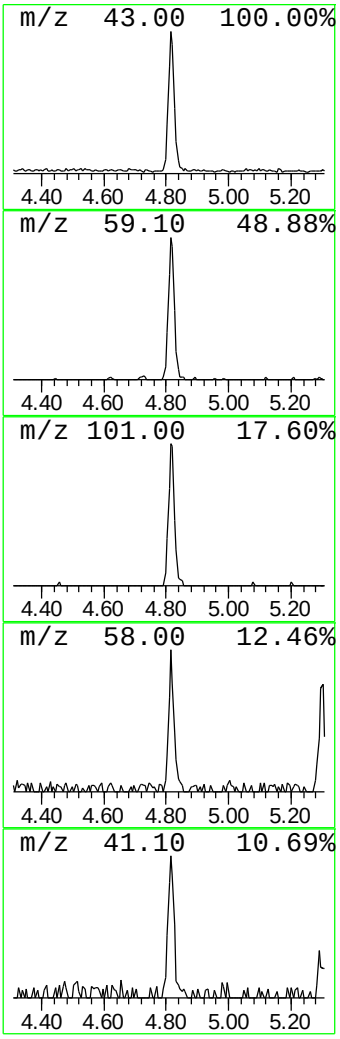
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.81	7.12 ng	109034	1,4-Dichlorobenzene-d4	7.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9
3	n-Hexane-1,1-diol diacetate	202	C10H18O4	064847-81-0	9
4	1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	9
5	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9





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Sample : G2216-03
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Instrument : BNA_G
ClientSampleId : TW-8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
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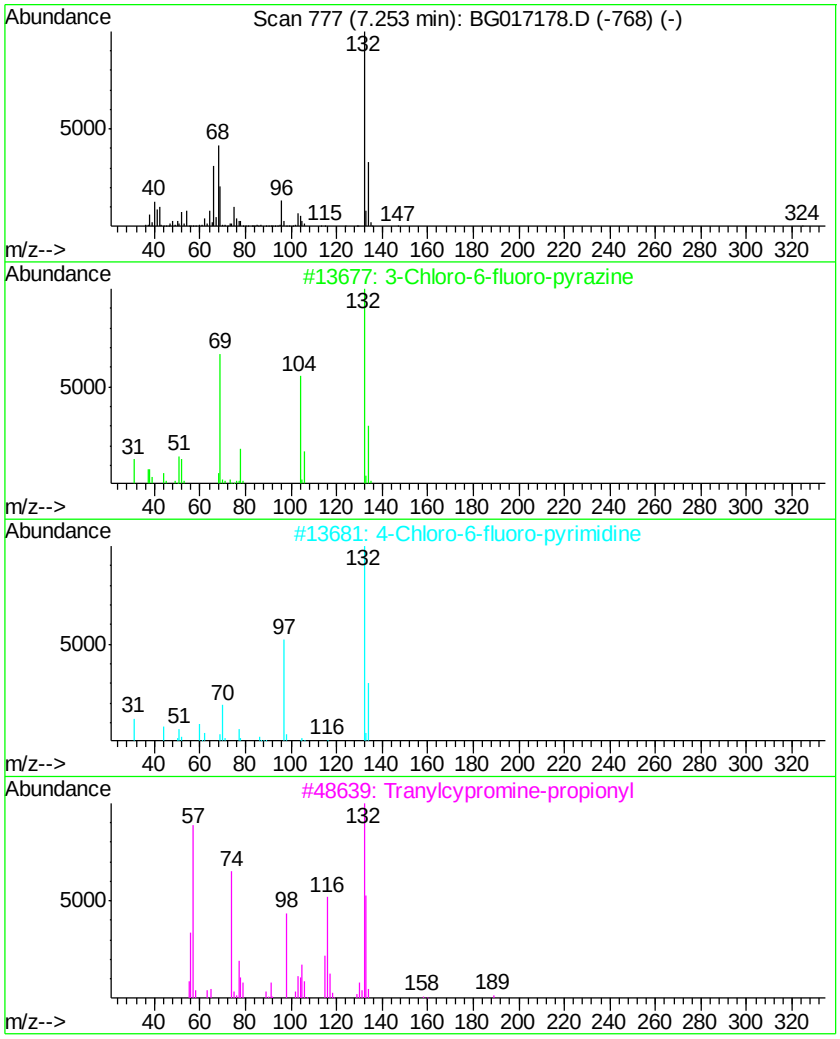
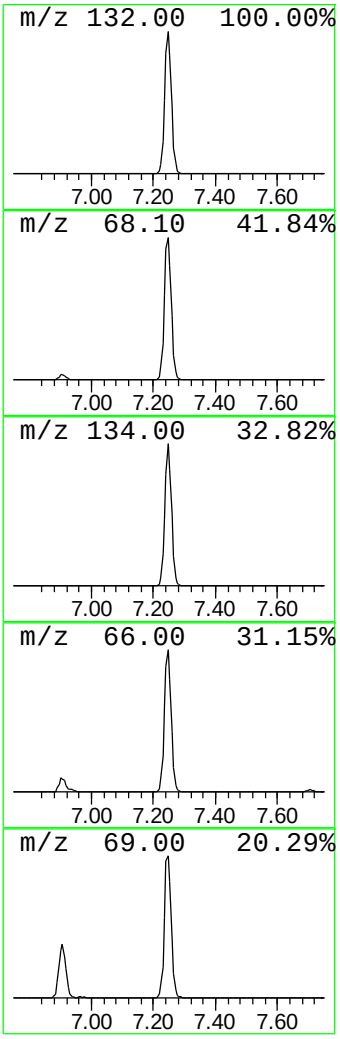
Peak Number 4 unknown7.25 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.25	81.07 ng	1241860	1,4-Dichlorobenzene-d4	7.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	17





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ClientSampleId : TW-8

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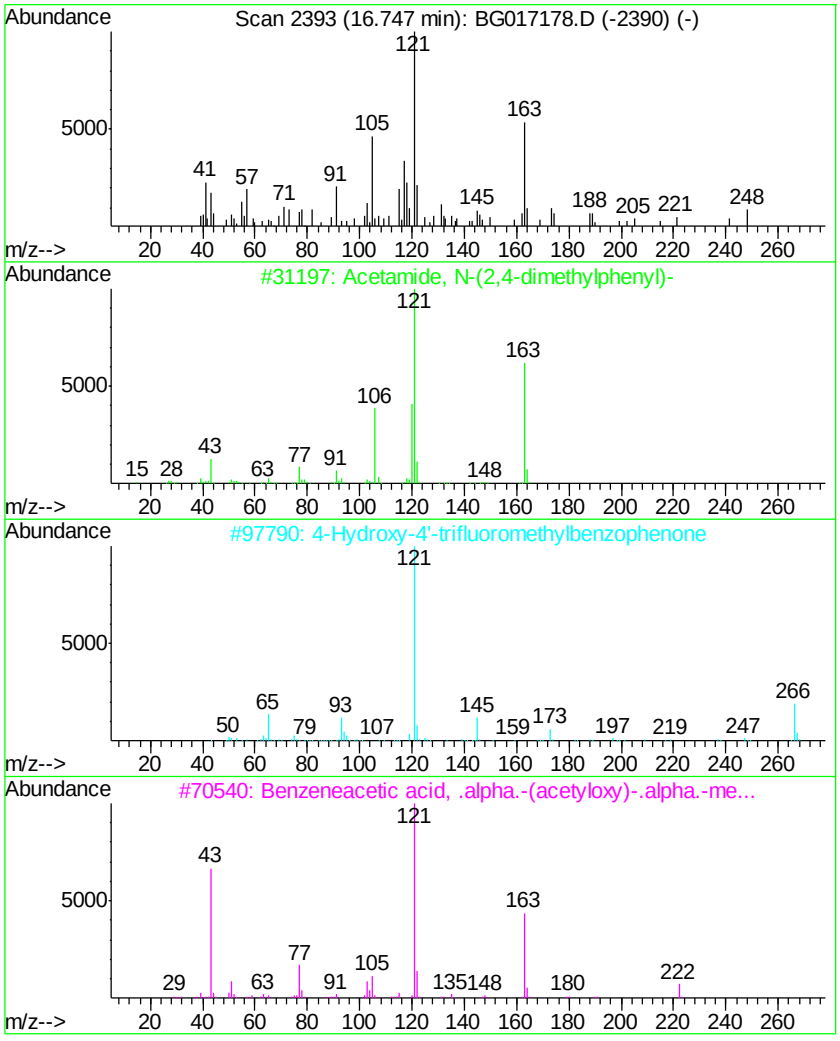
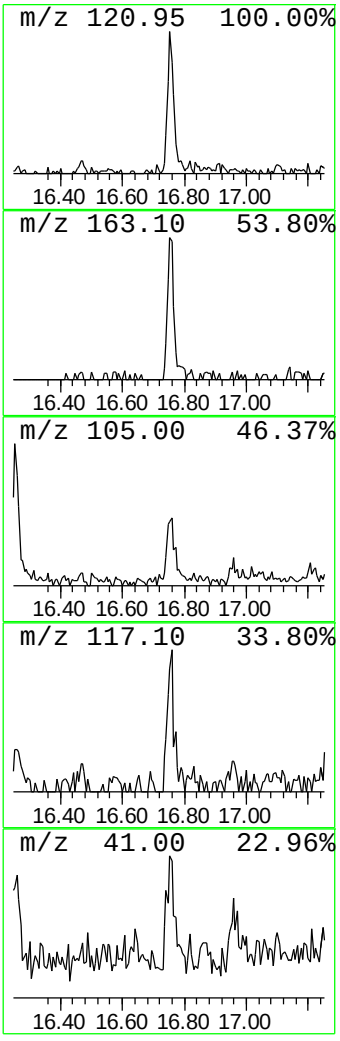
Peak Number 6 unknown16.75 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.75	2.38 ng	94770	Phenanthrene-d10	17.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-(2,4-dimethylphenyl)-	163	C10H13NO	002050-43-3	47
2	4-Hydroxy-4'-trifluoromethylbenz...	266	C14H9F3O2	021084-27-5	38
3	Benzeneacetic acid, .alpha.-(ace...	222	C12H14O4	055012-78-7	38
4	Benorilate	313	C17H15NO5	005003-48-5	38
5	Pyridine, 2,4,6-trimethyl-	121	C8H11N	000108-75-8	30





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Instrument : BNA_G
ClientSampleId : TW-8

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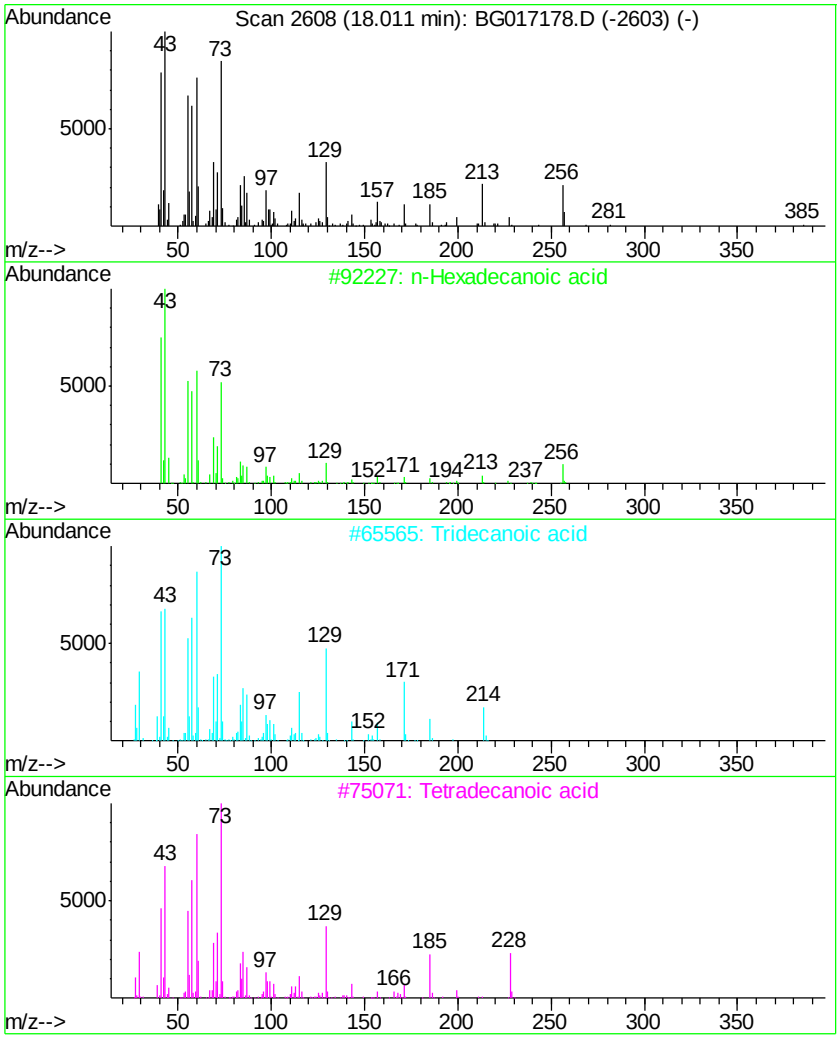
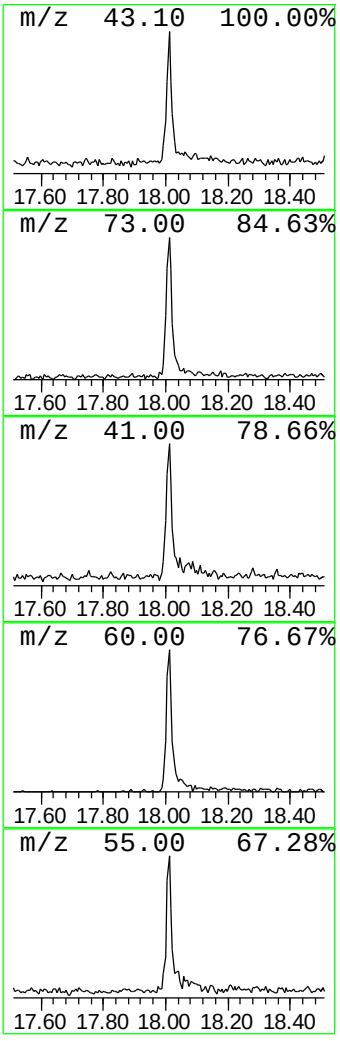
Peak Number 7 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.01	6.53 ng	260591	Phenanthrene-d10	17.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tridecanoic acid	214	C13H26O2	000638-53-9	64
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
4	Undecanoic acid	186	C11H22O2	000112-37-8	52
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	50





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Instrument : BNA_G
ClientSampleId : TW-8

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TIC Library : C:\DATABASE\NIST02.L
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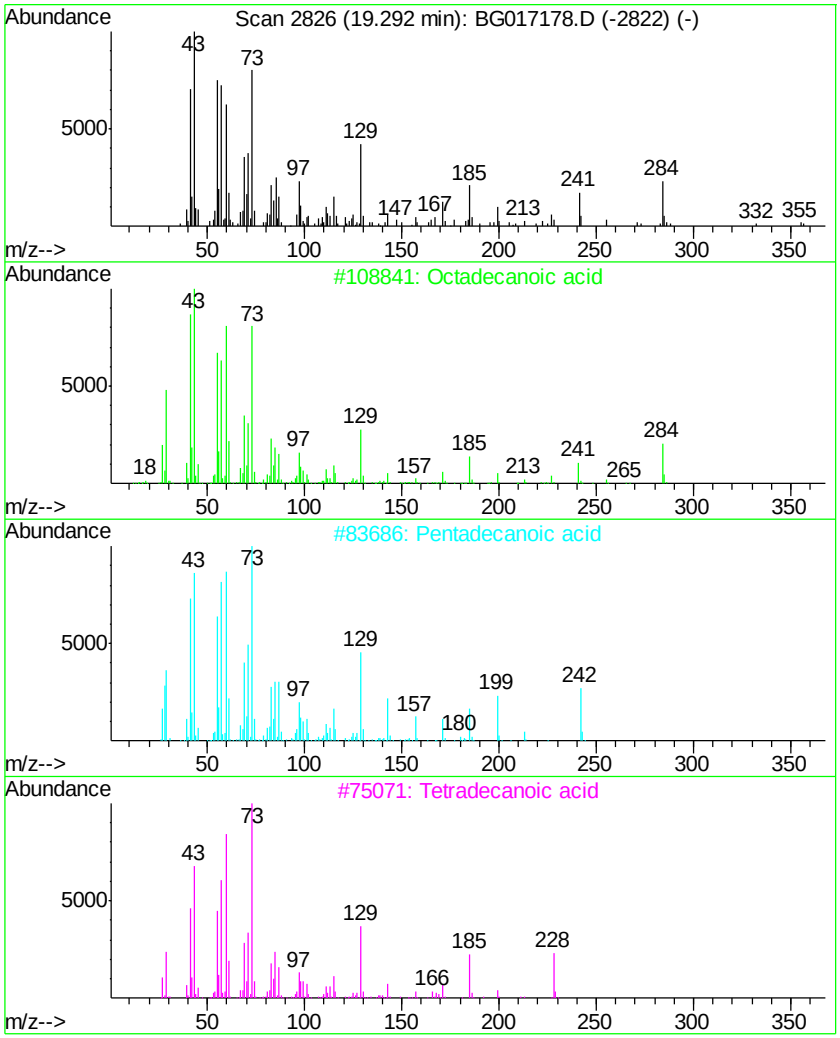
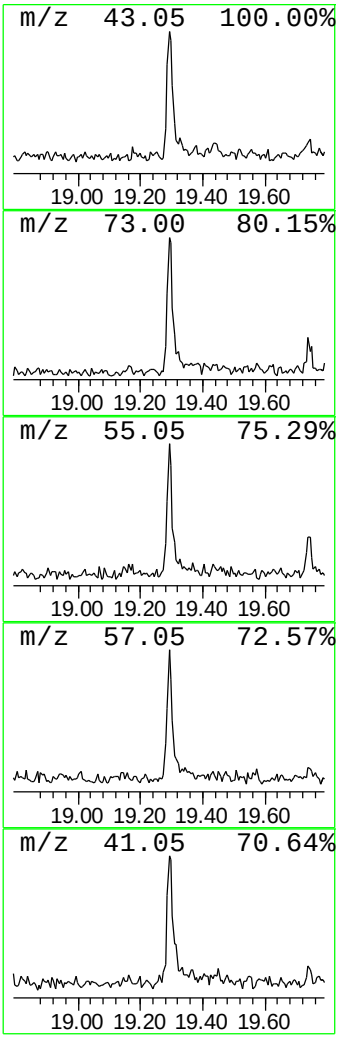
Peak Number 8 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.29	4.34 ng	199715	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	97
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	70
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	52
4	n-Decanoic acid	172	C10H20O2	000334-48-5	50
5	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	47





Tentatively Identified Compound (LSC) summary

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.88	31.7	ng	485091	1	7.71	306370	20.0
2-Pentanone, 4-hy...	4.81	7.1	ng	109034	1	7.71	306370	20.0
unknown7.25	7.25	81.1	ng	1241860	1	7.71	306370	20.0
unknown16.75	16.75	2.4	ng	94770	4	17.11	797739	20.0
n-Hexadecanoic acid	18.01	6.5	ng	260591	4	17.11	797739	20.0
Octadecanoic acid	19.29	4.3	ng	199715	5	21.29	921052	20.0