

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031918\
 Data File : BG033260.D
 Acq On : 20 Mar 2018 3:52
 Operator : SJ/JU
 Sample : J1954-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 031518-JETT-F-D-B

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.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	3.499	27	36	46	rBV	161353	338610	8.29%	1.820%
2	3.587	46	51	59	rVB	108696	175349	4.29%	0.943%
3	6.308	507	514	540	rBV	189896	453058	11.09%	2.435%
4	6.848	598	606	613	rBV3	25924	59907	1.47%	0.322%
5	8.000	794	802	821	rBV	126160	354571	8.68%	1.906%
6	8.399	862	870	893	rBV	400170	888703	21.75%	4.777%
7	8.893	945	954	968	rBV2	109179	256115	6.27%	1.377%
8	9.228	1002	1011	1029	rBV	557678	1150873	28.16%	6.186%
9	10.092	1151	1158	1173	rBV	467469	1056728	25.86%	5.680%
10	11.778	1436	1445	1464	rBV	174763	391932	9.59%	2.107%
11	14.140	1836	1847	1863	rBV	1546599	2657479	65.03%	14.285%
12	14.927	1973	1981	1991	rBV2	46517	86259	2.11%	0.464%
13	15.338	2046	2051	2058	rBV	42683	59325	1.45%	0.319%
14	15.509	2074	2080	2093	rVB2	346853	607379	14.86%	3.265%
15	16.273	2207	2210	2216	rVB2	67946	87400	2.14%	0.470%
16	16.725	2283	2287	2291	rVV2	31286	43711	1.07%	0.235%
17	16.983	2324	2331	2344	rBV	941616	1637348	40.06%	8.801%
18	17.130	2352	2356	2368	rVB	62038	113768	2.78%	0.612%
19	17.918	2485	2490	2495	rBV	44458	57907	1.42%	0.311%
20	18.241	2538	2545	2556	rBV	515349	859816	21.04%	4.622%
21	18.652	2610	2615	2620	rBV2	36082	50192	1.23%	0.270%
22	18.828	2641	2645	2651	rVB3	33677	48724	1.19%	0.262%
23	18.917	2654	2660	2670	rVV4	36851	74596	1.83%	0.401%
24	19.040	2676	2681	2690	rBV2	263047	397066	9.72%	2.134%
25	19.927	2828	2832	2834	rBV3	36103	41870	1.02%	0.225%
26	19.956	2834	2837	2845	rVB6	29645	44998	1.10%	0.242%
27	20.156	2865	2871	2875	rBV8	28213	50018	1.22%	0.269%
28	20.268	2886	2890	2895	rBV3	69917	95911	2.35%	0.516%
29	20.761	2968	2974	2987	rVB	2997355	4086789	100.00%	21.968%
30	22.107	3198	3203	3210	rBV2	72096	129585	3.17%	0.697%
31	22.600	3279	3287	3296	rVB	469462	935238	22.88%	5.027%
32	23.887	3500	3506	3515	rVB	22352	55348	1.35%	0.298%
33	24.486	3601	3608	3617	rVB	162744	359470	8.80%	1.932%
34	26.396	3922	3933	3947	rBV2	254913	897456	21.96%	4.824%

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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-BG031918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

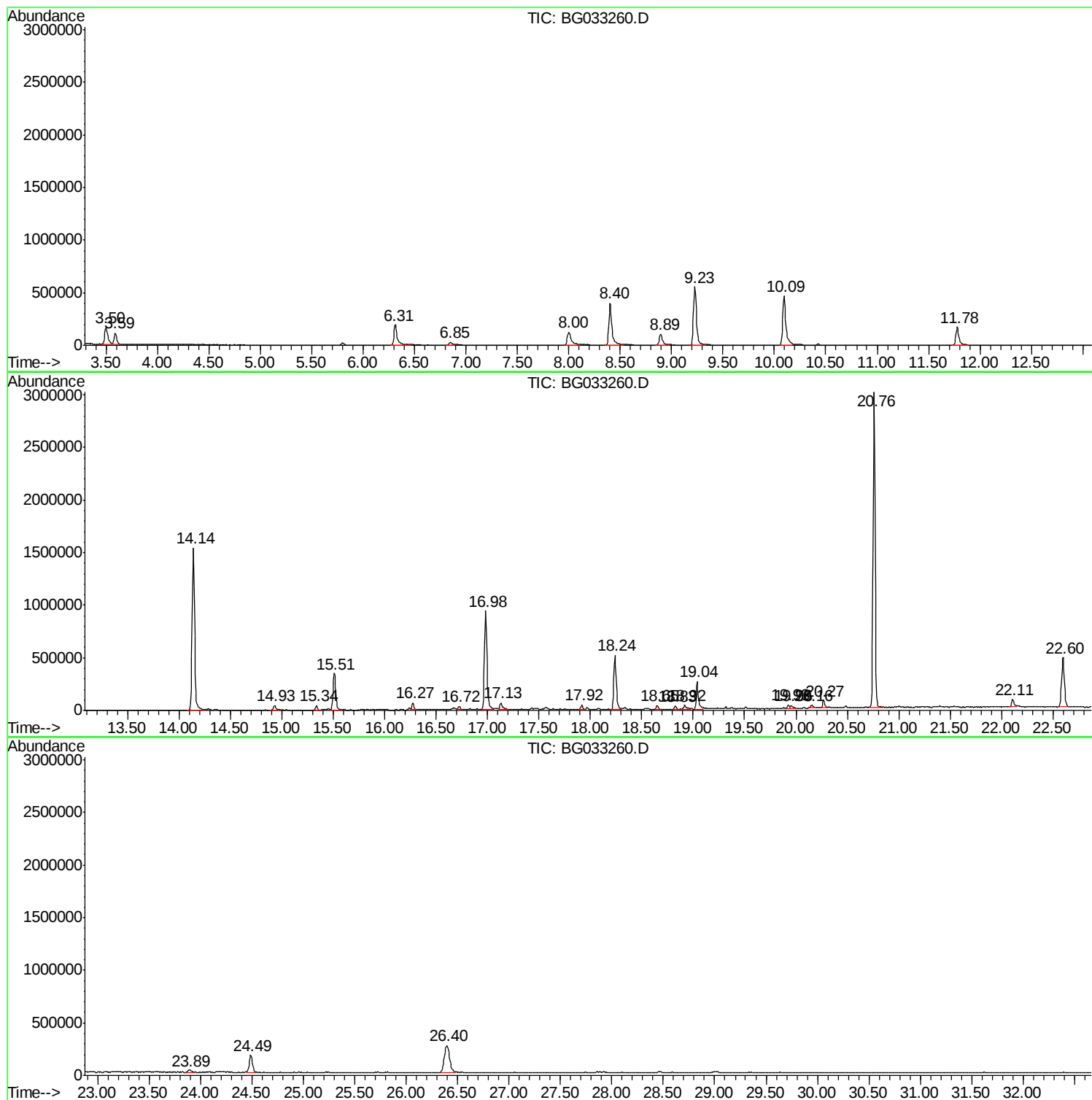
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



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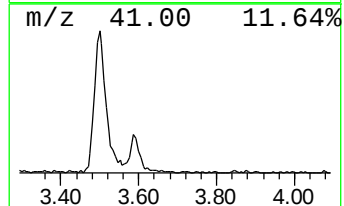
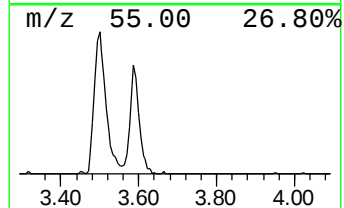
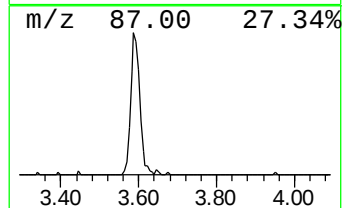
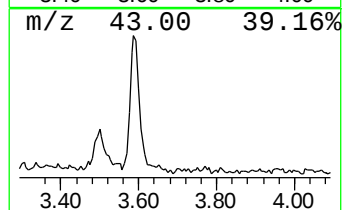
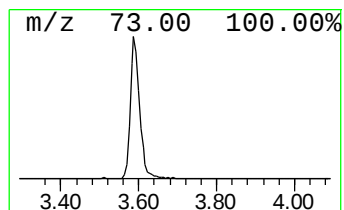
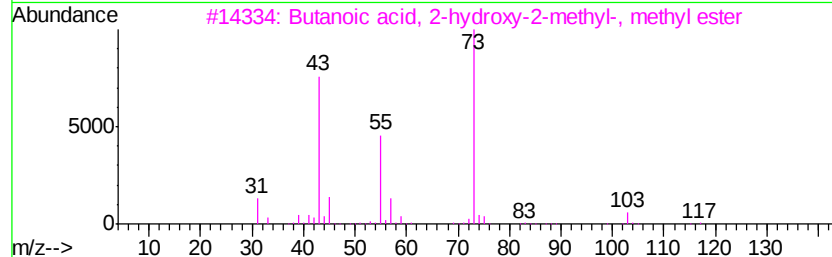
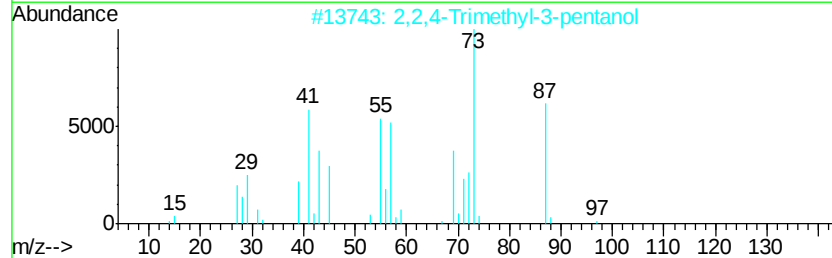
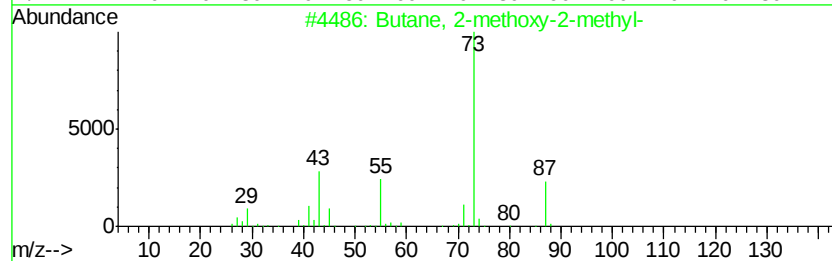
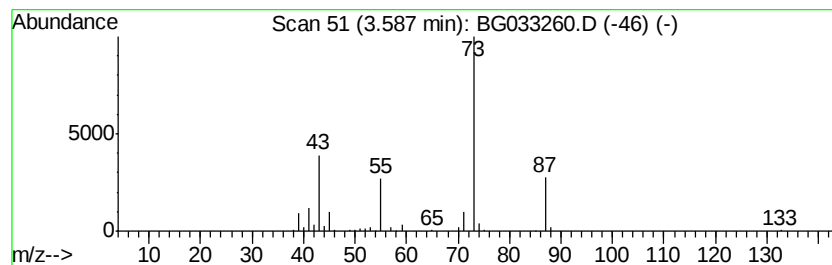
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.59	13.69 ng	175349	1,4-Dichlorobenzene-d4	8.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	64
3		Butanoic acid, 2-hydroxy-2-methyl...	132	C6H12O3	032793-34-3	23
4		Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5		2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	12



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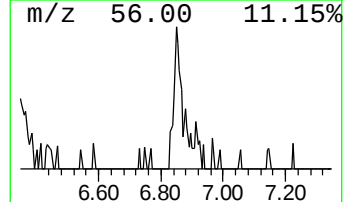
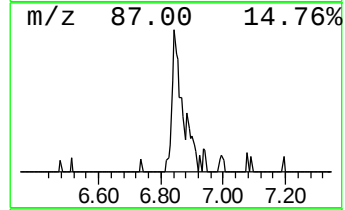
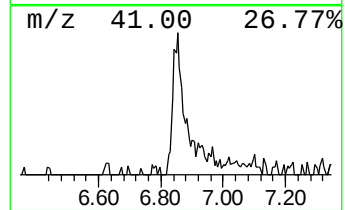
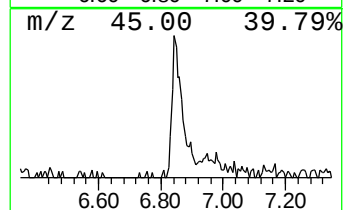
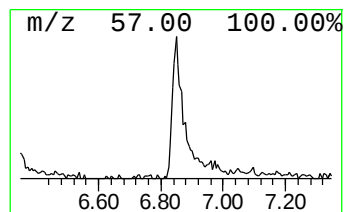
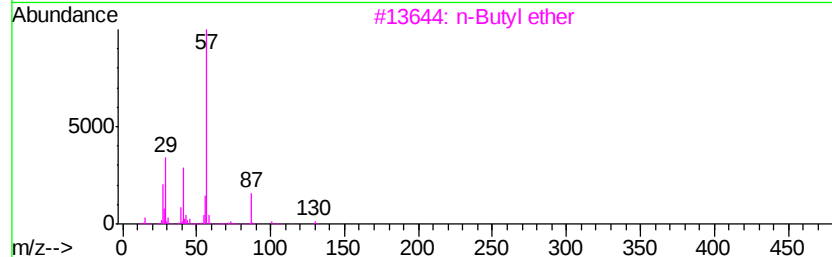
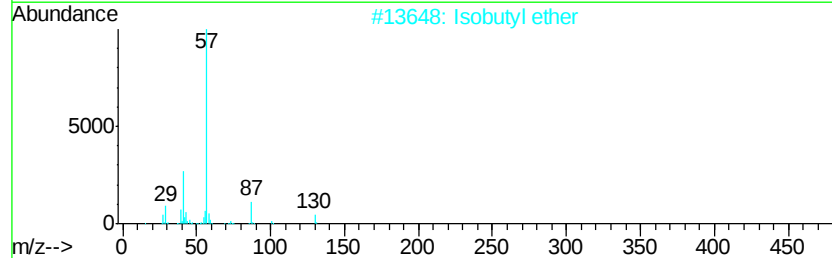
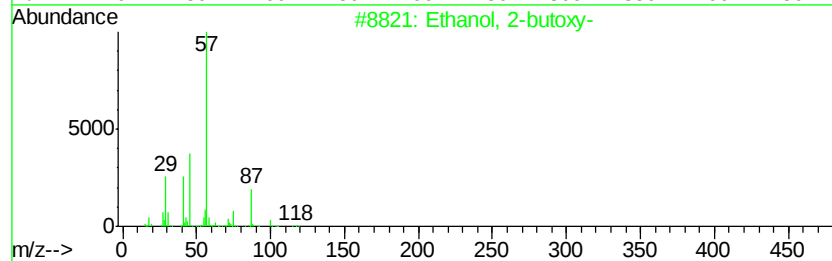
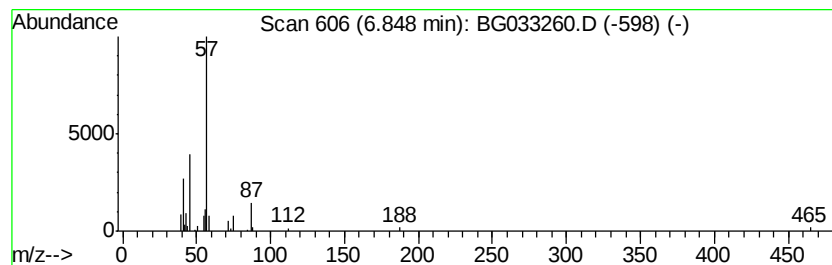
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Ethanol, 2-butoxy- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.85	4.68 ng	59907	1,4-Dichlorobenzene-d4	8.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	78
2		Isobutyl ether	130	C8H18O	000628-55-7	25
3		n-Butyl ether	130	C8H18O	000142-96-1	25
4		Sulfurous acid, dibutyl ester	194	C8H18O3S	000626-85-7	22
5		1-Butene, 4-butoxy-	128	C8H16O	034061-76-2	12



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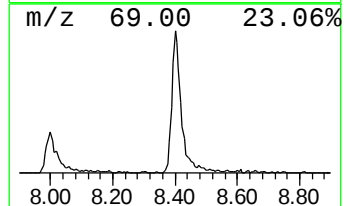
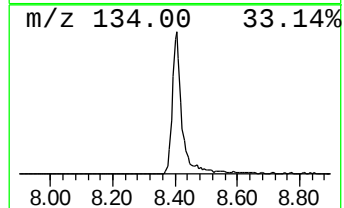
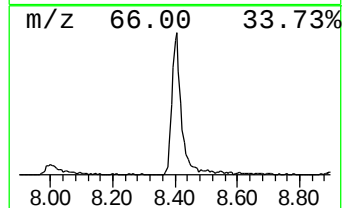
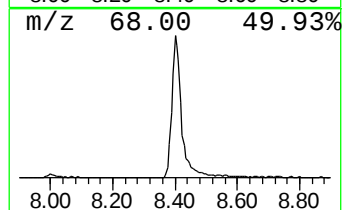
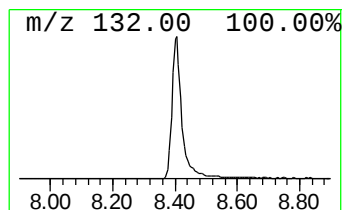
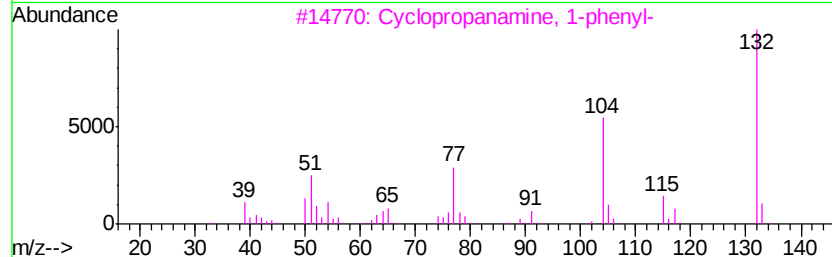
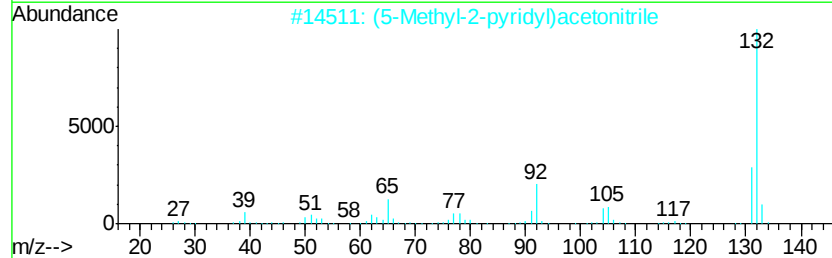
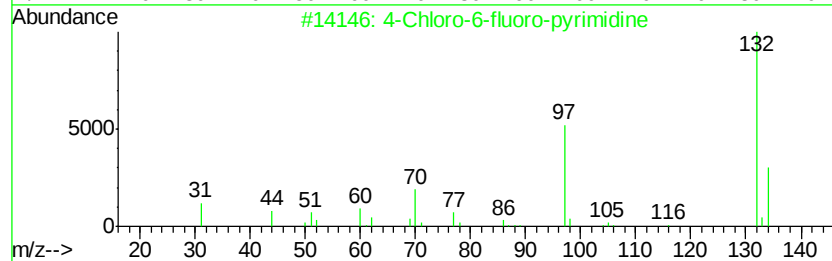
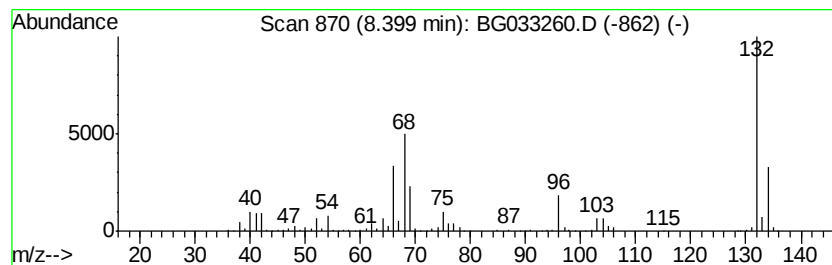
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TIC Library : C:\Database\NIST11.L
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Peak Number 4 unknown8.40 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.40	69.40 ng	888703	1,4-Dichlorobenzene-d4	8.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2		(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	22
3		Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	22
4		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16



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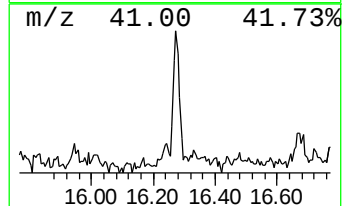
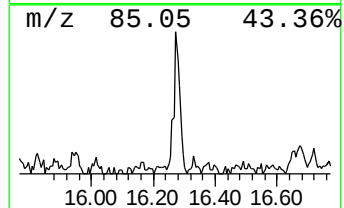
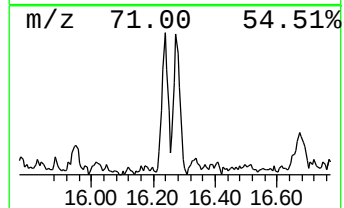
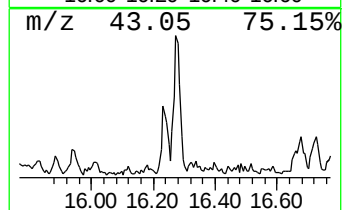
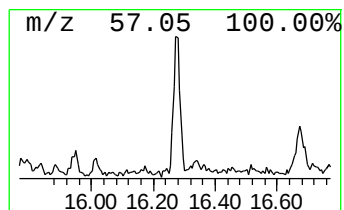
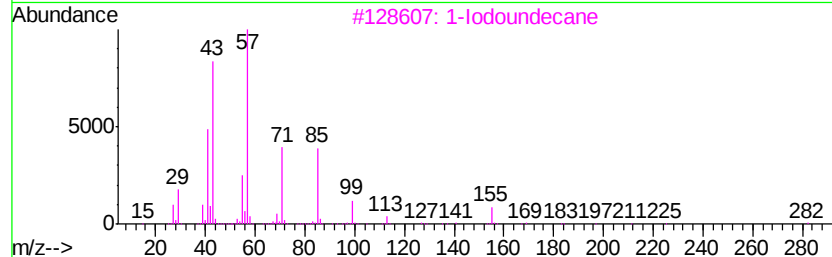
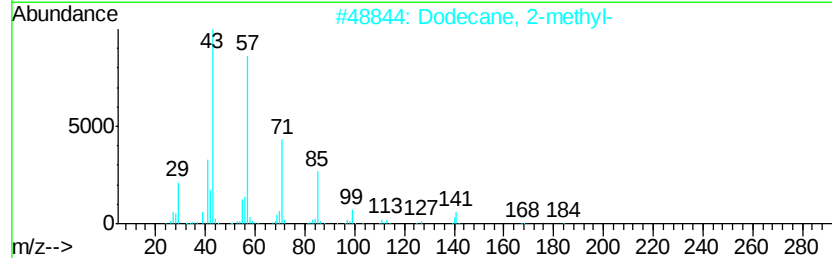
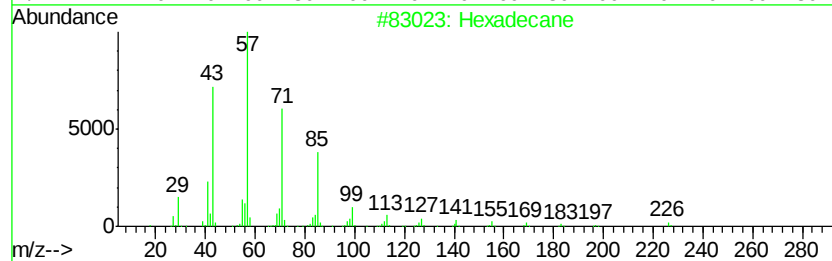
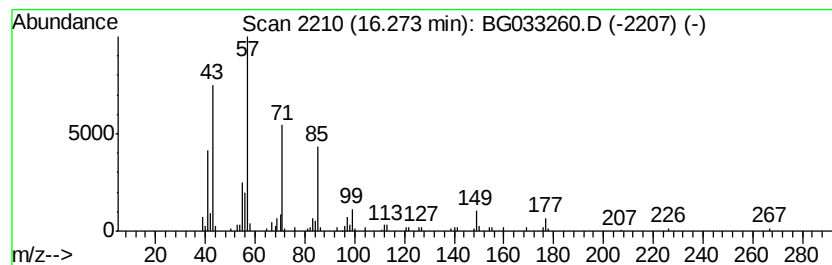
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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Peak Number 6 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.27	2.88 ng	87400	Acenaphthene-d10	15.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	70
2		Dodecane, 2-methyl-	184	C13H28	001560-97-0	53
3		1-Iodoundecane	282	C11H23I	004282-44-4	50
4		Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	50
5		Tridecane	184	C13H28	000629-50-5	50



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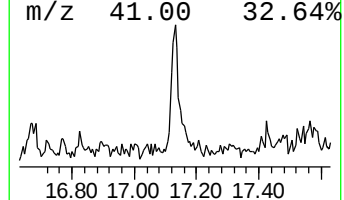
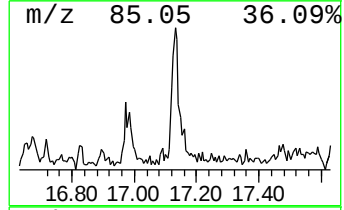
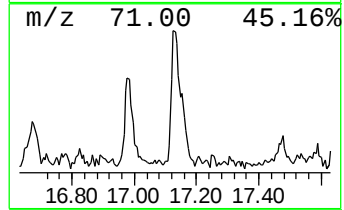
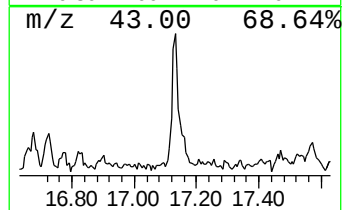
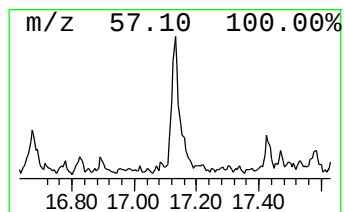
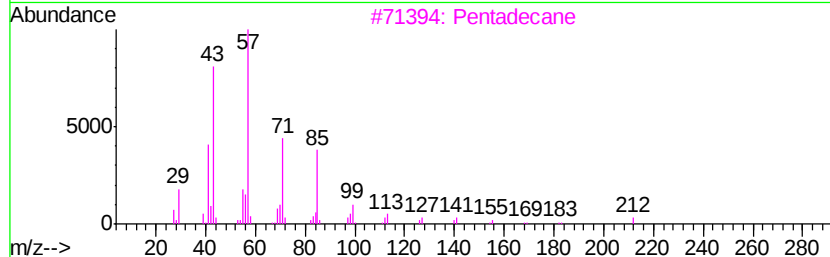
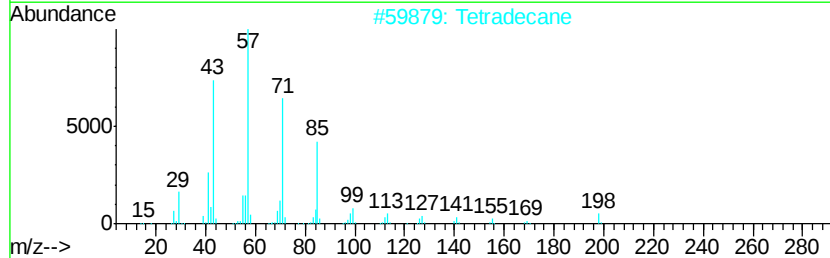
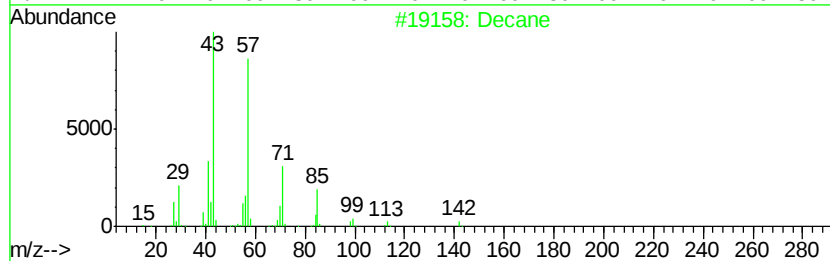
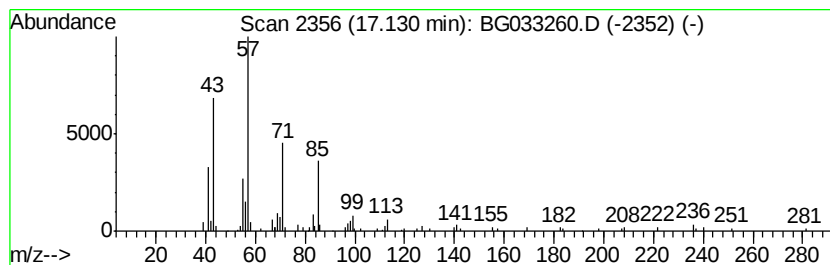
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TIC Library : C:\Database\NIST11.L
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Peak Number 7 Decane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.13	2.65 ng	113768	Phenanthrene-d10	18.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane	142	C10H22	000124-18-5	72
2		Tetradecane	198	C14H30	000629-59-4	72
3		Pentadecane	212	C15H32	000629-62-9	72
4		Heptacosane	380	C27H56	000593-49-7	72
5		Hexadecane	226	C16H34	000544-76-3	64



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Misc :
ALS Vial : 16 Sample Multiplier: 1

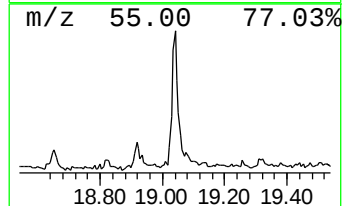
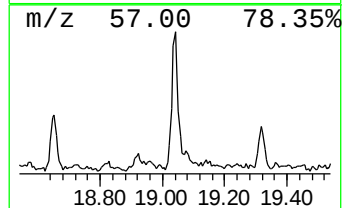
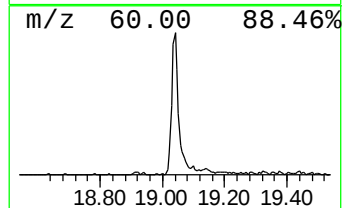
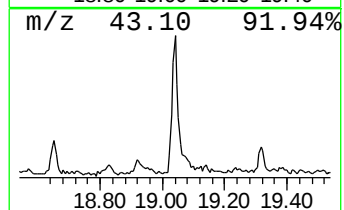
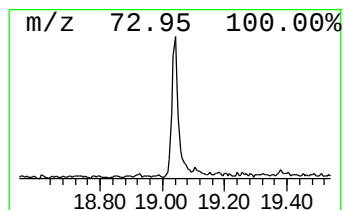
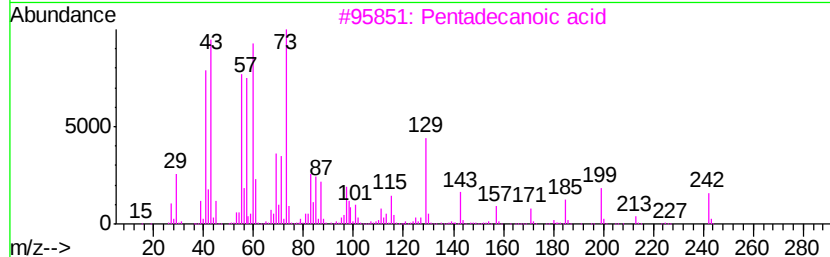
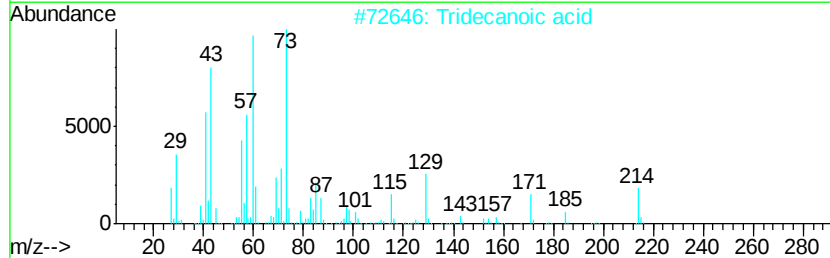
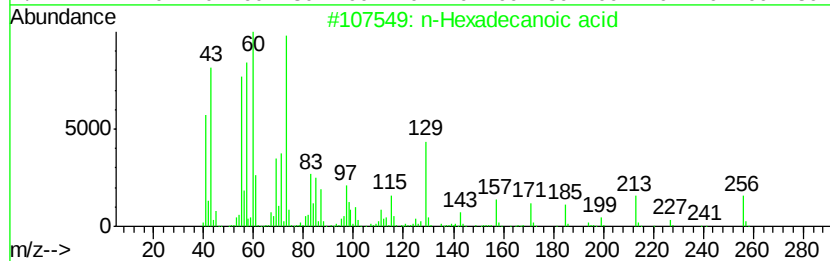
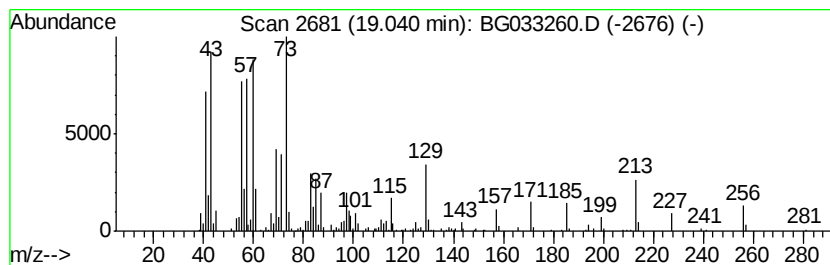
Instrument :
BNA_G
ClientSampleId :
031518-JETT-F-D-B

Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.
19.04	9.24 ng	397066	Phenanthrene-d10		18.24
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Dodecanoic acid	200	C12H24O2	000143-07-7	80
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	74



Data Path : Z:\HPCHEM1\BNA G\DATA\BG031918\
Data File : BG033260.D
Acq On : 20 Mar 2018 3:52
Operator : SJ/JU
Sample : J1954-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

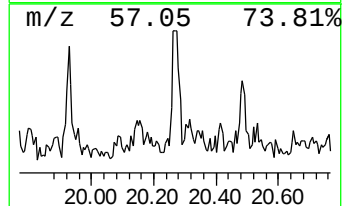
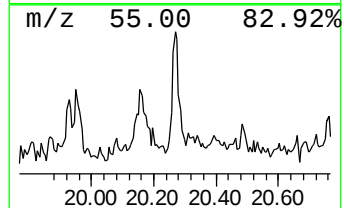
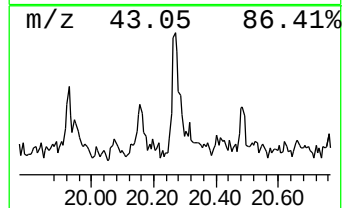
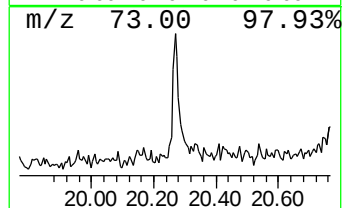
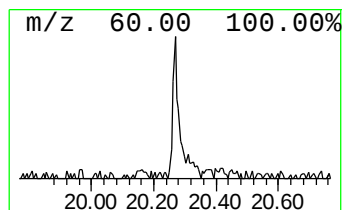
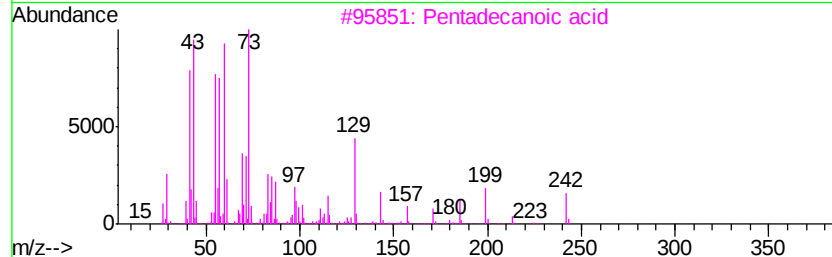
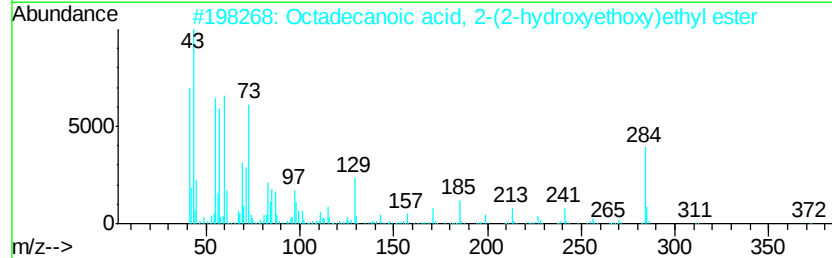
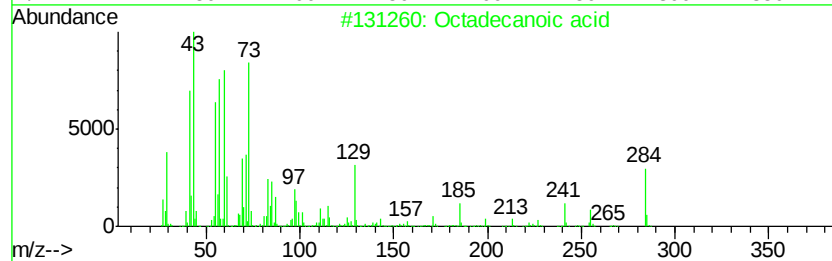
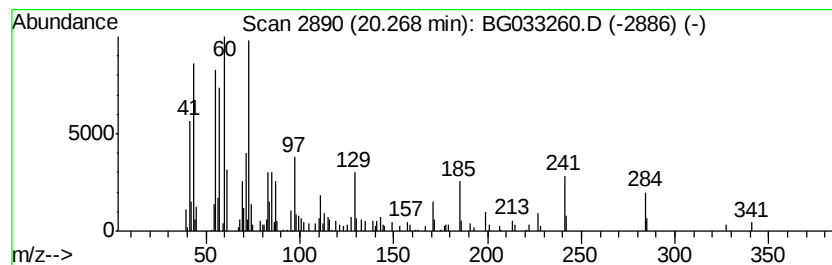
Instrument :
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ClientSampleId :
031518-JETT-F-D-B

Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Octadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.
20.27	2.23 ng	95911	Phenanthrene-d10		18.24
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	91
2	Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	80
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	70
4	Tridecanoic acid	214	C13H26O2	000638-53-9	53
5	n-Decanoic acid	172	C10H20O2	000334-48-5	53



Data Path : Z:\HPCHEM1\BNA G\DATA\BG031918\
Data File : BG033260.D
Acq On : 20 Mar 2018 3:52
Operator : SJ/JU
Sample : J1954-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
031518-JETT-F-D-B

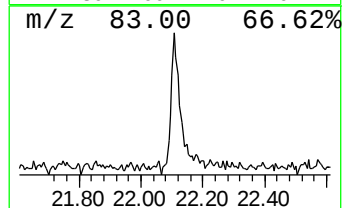
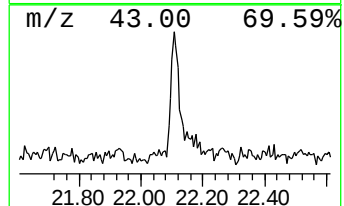
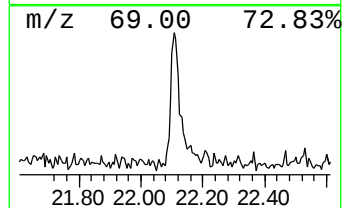
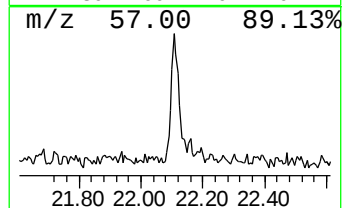
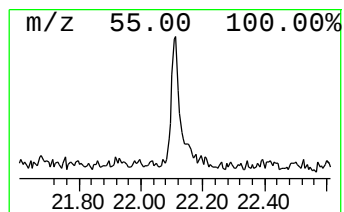
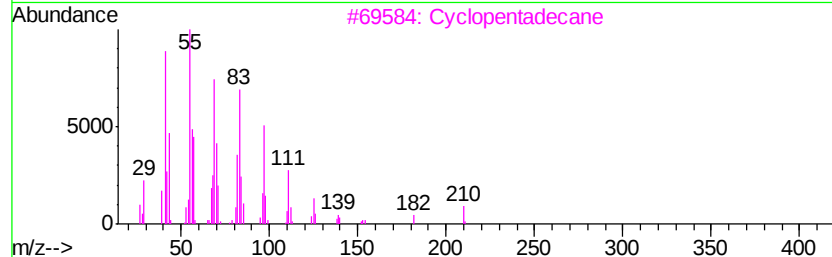
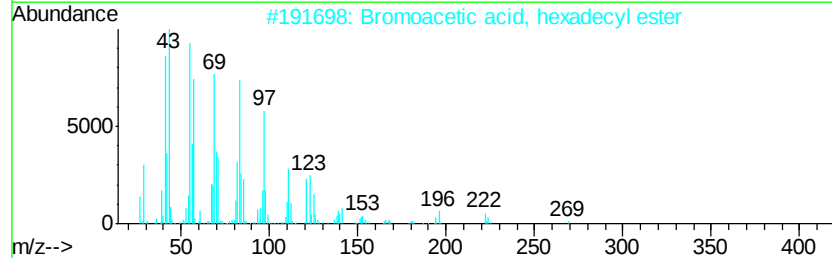
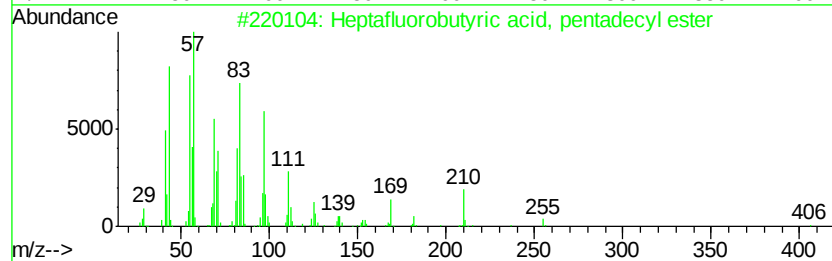
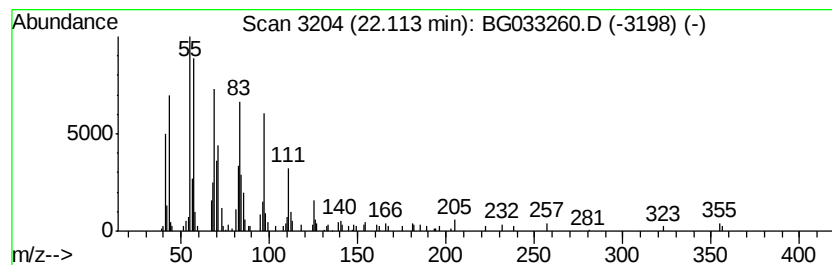
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heptafluorobutyric acid, pe... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.11	2.77 ng	129585	Chrysene-d12	22.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
2		Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	94
3		Cyclopentadecane	210	C15H30	000295-48-7	93
4		Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	93
5		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	93



Data Path : Z:\HPCHEM1\BNA G\DATA\BG031918\
Data File : BG033260.D
Acq On : 20 Mar 2018 3:52
Operator : SJ/JU
Sample : J1954-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

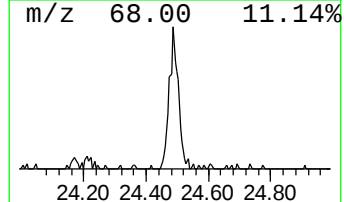
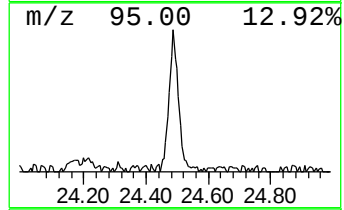
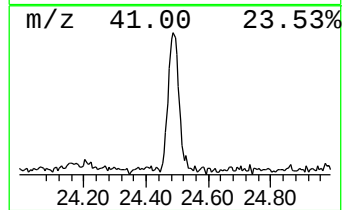
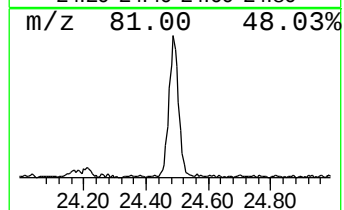
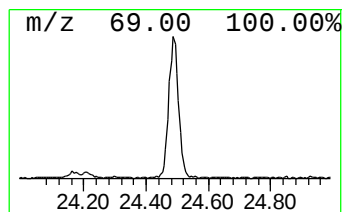
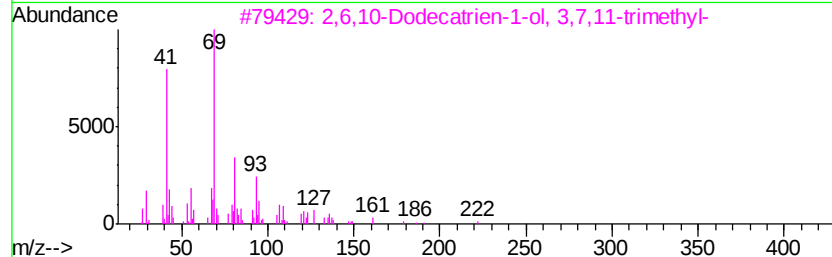
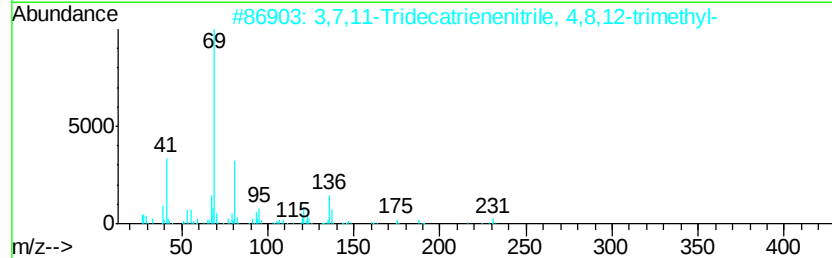
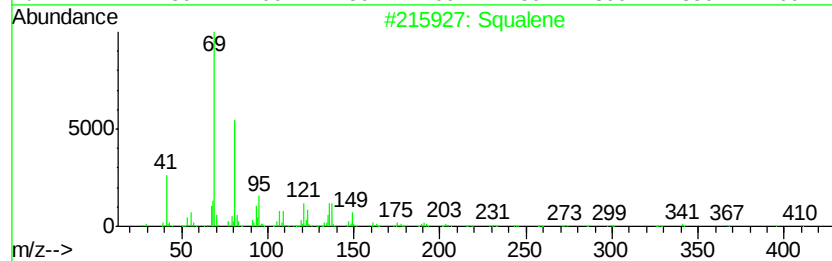
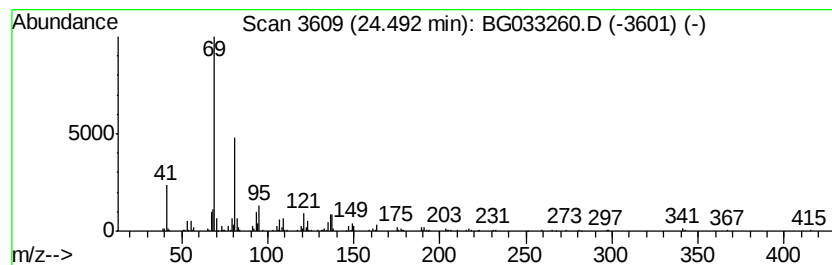
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Squalene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.
24.49	7.69 ng	359470	Chrysene-d12		22.59
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	90
2	3,7,11-Tridecatrienenitrile, 4,8...	231	C16H25N	006006-01-5	64
3	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	004602-84-0	59
4	Cyclopropanecarboxylic acid, 4-i...	204	C13H16O2	1000331-01-9	53
5	Bis(3-methylbut-3-enyl) phthalate	302	C18H22O4	022711-53-1	53



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG031918\
Data File : BG033260.D
Acq On : 20 Mar 2018 3:52
Operator : SJ/JU
Sample : J1954-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.59	13.7	ng	175349	1	8.89	256115	20.0
Ethanol, 2-butoxy-	6.85	4.7	ng	59907	1	8.89	256115	20.0
unknown8.40	8.40	69.4	ng	888703	1	8.89	256115	20.0
Hexadecane	16.27	2.9	ng	87400	3	15.51	607379	20.0
Decane	17.13	2.6	ng	113768	4	18.24	859816	20.0
n-Hexadecanoic acid	19.04	9.2	ng	397066	4	18.24	859816	20.0
Octadecanoic acid	20.27	2.2	ng	95911	4	18.24	859816	20.0
Heptafluorobutyri...	22.11	2.8	ng	129585	5	22.59	935238	20.0
Squalene	24.49	7.7	ng	359470	5	22.59	935238	20.0