

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032918\
 Data File : BF104069.D
 Acq On : 29 Mar 2018 23:19
 Operator : JU/SJ
 Sample : J2103-05
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LS-SOIL-2

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_F\METHODS\8270-BF032818.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	2.293	31	35	41	rVB	78765	108750	4.27%	0.523%
2	5.204	527	530	537	rBV	54571	75152	2.95%	0.361%
3	5.598	594	597	627	rBV	1235895	1997202	78.33%	9.600%
4	6.598	763	767	787	rBV	1250009	2119409	83.12%	10.188%
5	6.739	787	791	826	rVV	1669087	2549738	100.00%	12.256%
6	6.969	826	830	852	rVV	345390	645609	25.32%	3.103%
7	7.122	852	856	877	rVV	1346586	1701039	66.71%	8.176%
8	7.528	922	925	949	rBV	747325	1357507	53.24%	6.525%
9	8.245	1043	1047	1070	rBV	590266	871366	34.17%	4.188%
10	9.316	1225	1229	1239	rBV	2008708	2246188	88.09%	10.797%
11	9.639	1279	1284	1289	rBV7	13501	26733	1.05%	0.128%
12	9.710	1289	1296	1302	rBV	132845	212311	8.33%	1.021%
13	9.857	1318	1321	1323	rBV2	49907	45541	1.79%	0.219%
14	9.910	1327	1330	1333	rVB2	79960	79316	3.11%	0.381%
15	9.945	1333	1336	1338	rBV3	28001	29375	1.15%	0.141%
16	10.004	1343	1346	1359	rVB	842803	945625	37.09%	4.545%
17	10.333	1399	1402	1404	rBV2	33242	29604	1.16%	0.142%
18	10.404	1411	1414	1418	rVB2	164604	170993	6.71%	0.822%
19	10.457	1419	1423	1428	rVV4	70169	102986	4.04%	0.495%
20	10.633	1450	1453	1456	rBV	83715	79578	3.12%	0.383%
21	10.798	1478	1481	1489	rBV	954796	1265144	49.62%	6.081%
22	10.898	1494	1498	1501	rVV	188990	246718	9.68%	1.186%
23	11.363	1575	1577	1580	rBV	96317	98276	3.85%	0.472%
24	11.504	1597	1601	1609	rBV	572479	705615	27.67%	3.392%
25	13.086	1866	1870	1886	rVB	1511165	1720598	67.48%	8.271%
26	13.957	2015	2018	2026	rBV	115251	143193	5.62%	0.688%
27	14.157	2048	2052	2062	rBV	514198	634927	24.90%	3.052%
28	15.698	2309	2314	2327	rVB	346706	595515	23.36%	2.863%

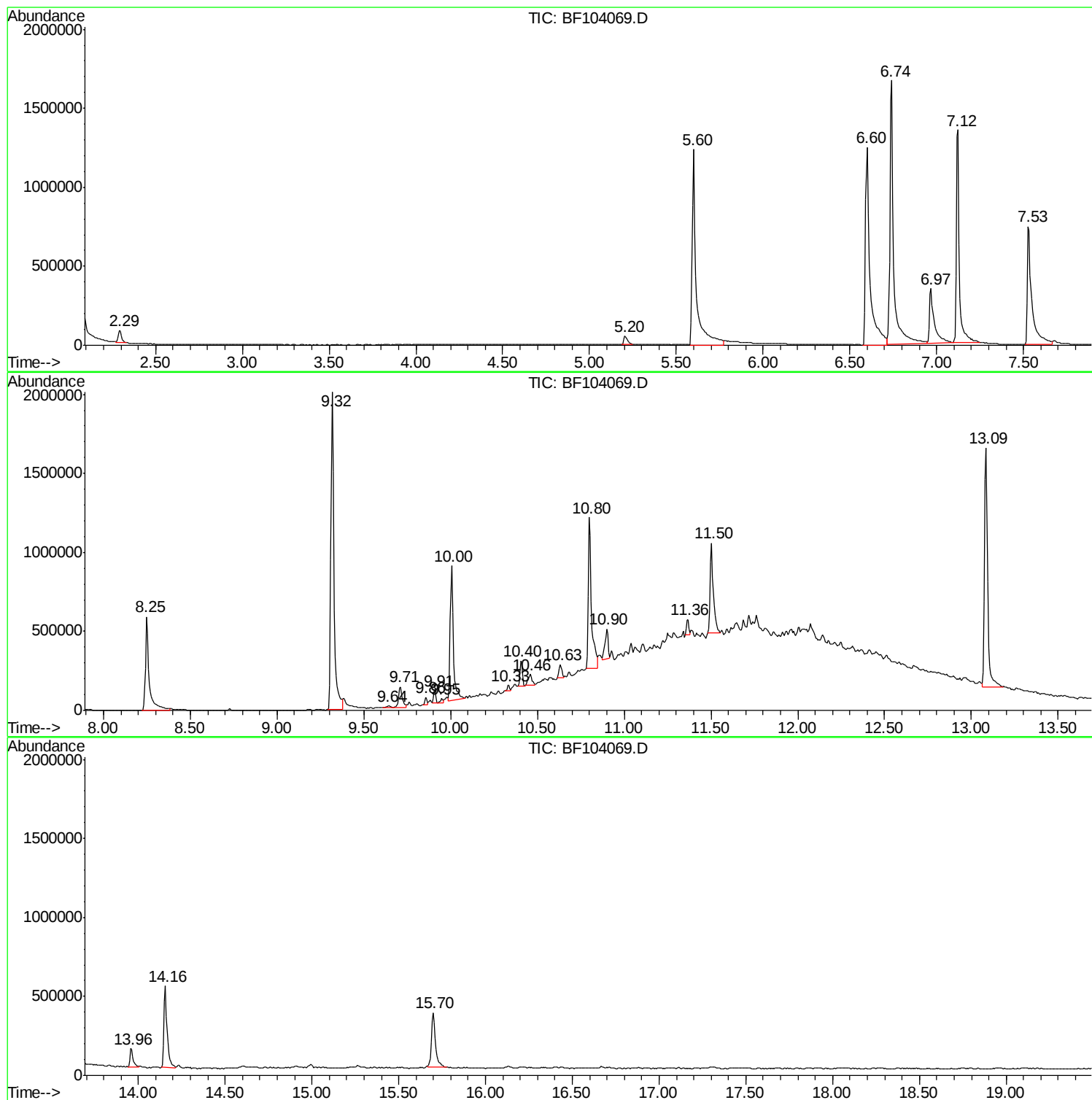
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ALS Vial : 27 Sample Multiplier: 1

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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.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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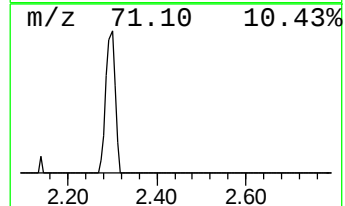
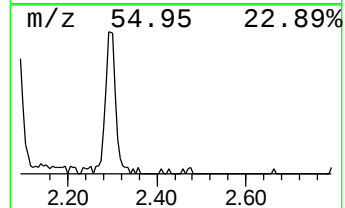
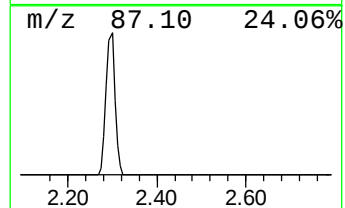
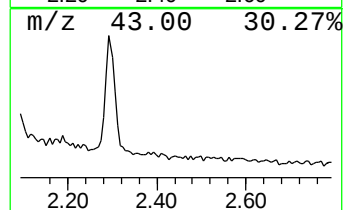
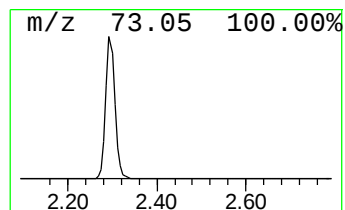
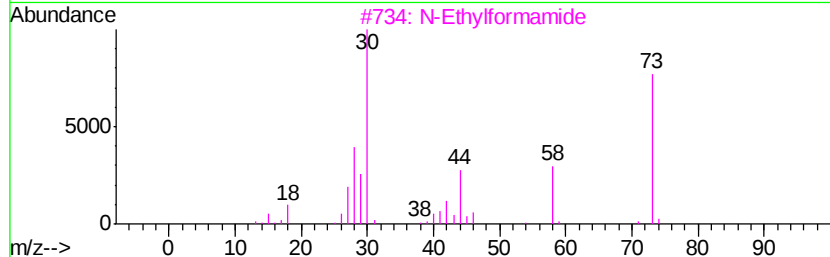
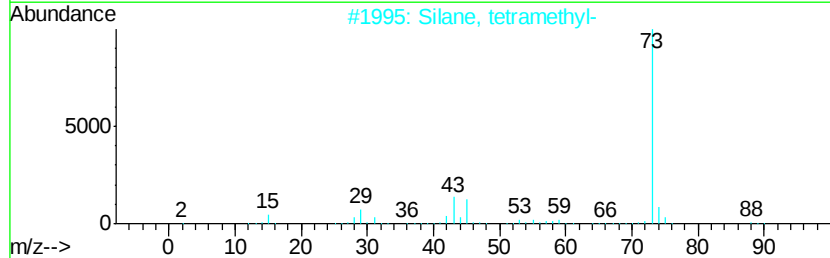
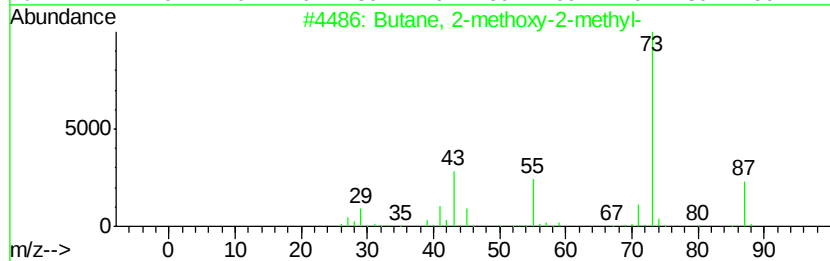
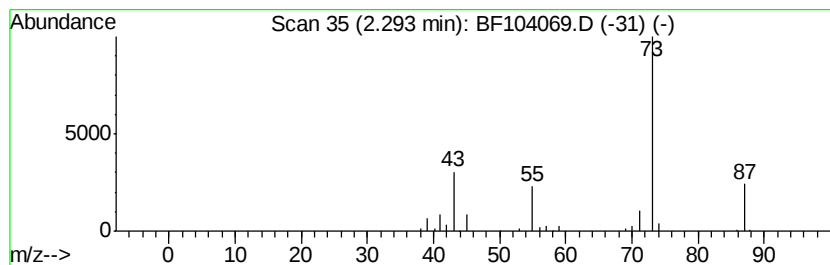
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.29	3.37 ng	108750	1,4-Dichlorobenzene-d4	6.97

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2			Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
3			N-Ethylformamide	73	C3H7NO	000627-45-2	9
4			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5			Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9



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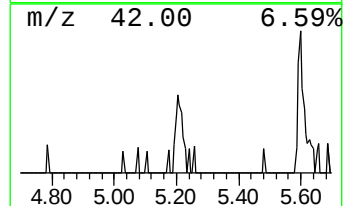
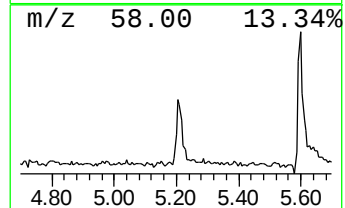
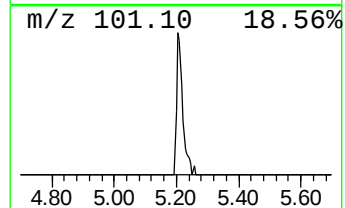
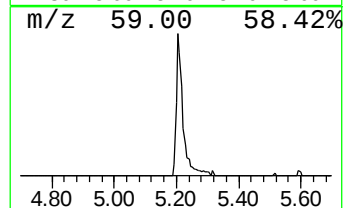
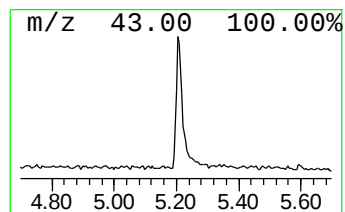
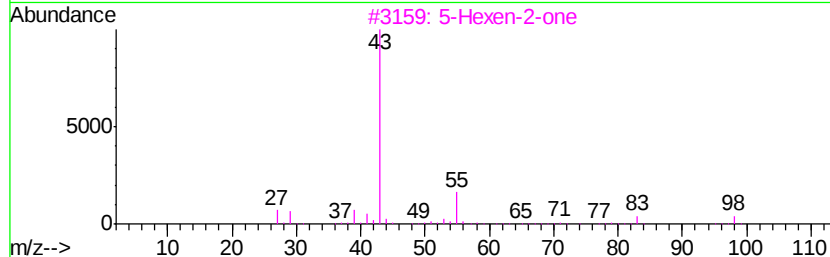
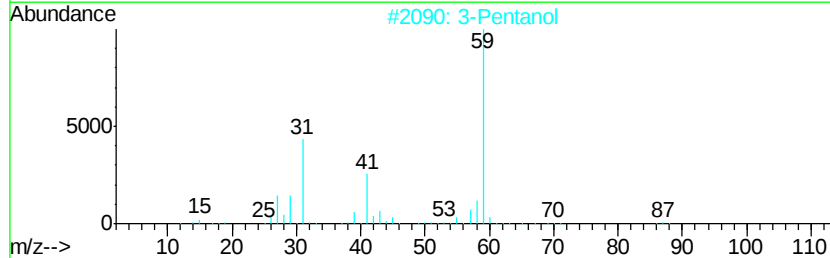
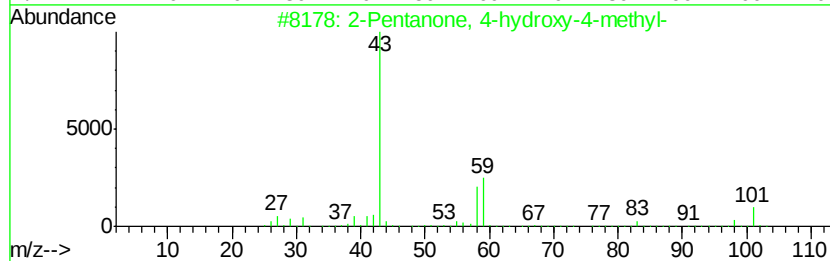
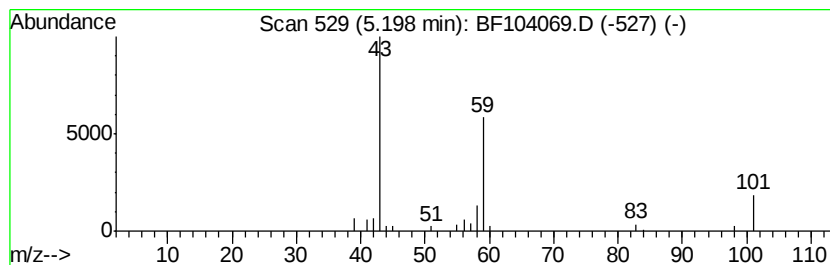
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Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.20	2.33 ng	75152	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	3-Pentanol	88	C5H12O	000584-02-1	25
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	Guanidine	59	CH5N3	000113-00-8	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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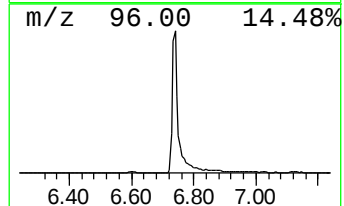
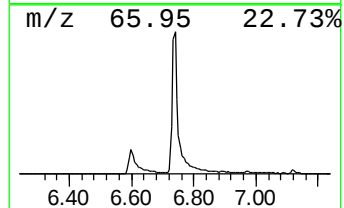
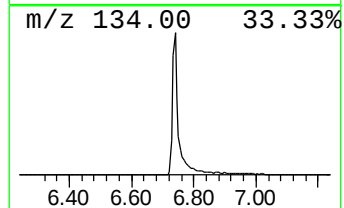
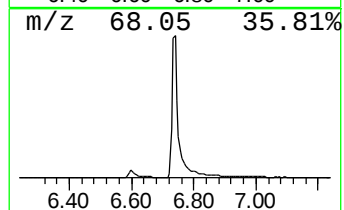
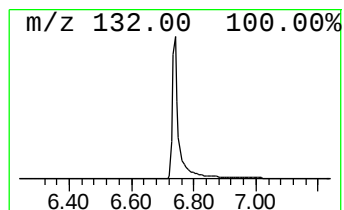
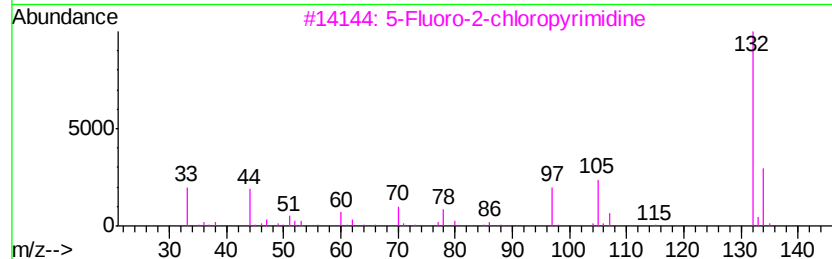
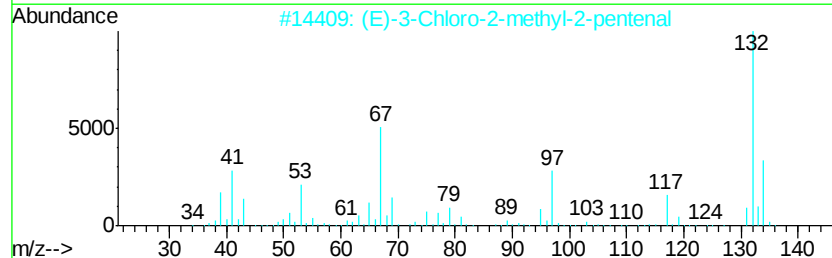
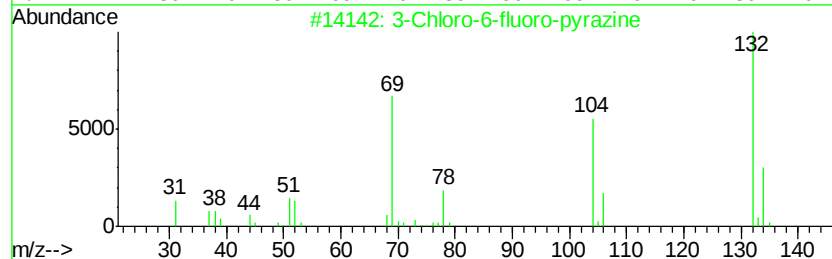
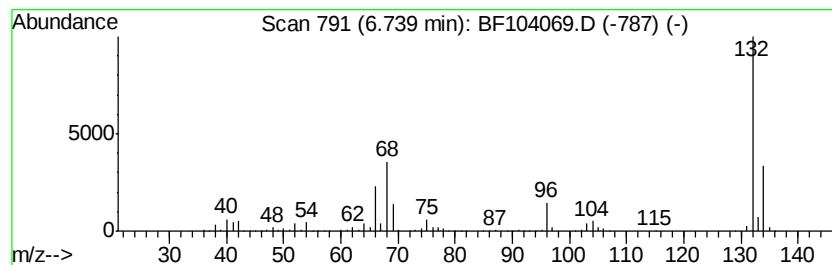
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Peak Number 3 unknown6.74 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	78.99 ng	2549740	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	35
3		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
4		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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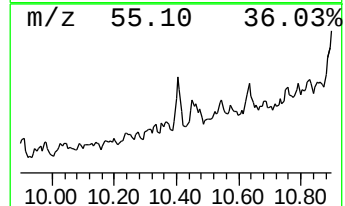
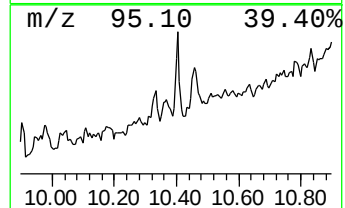
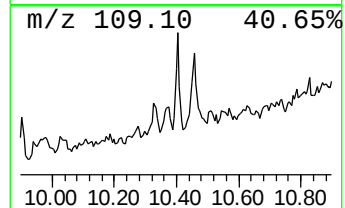
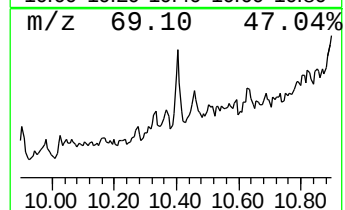
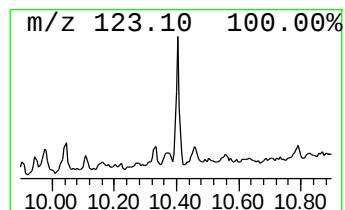
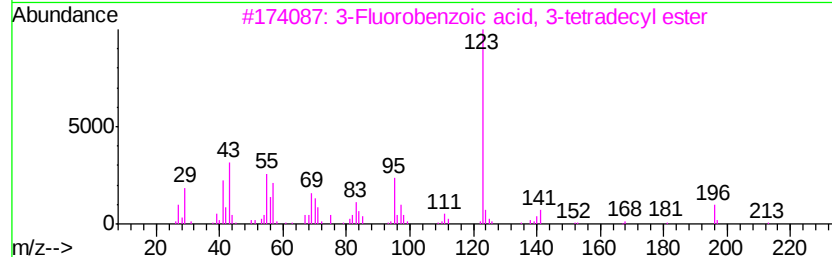
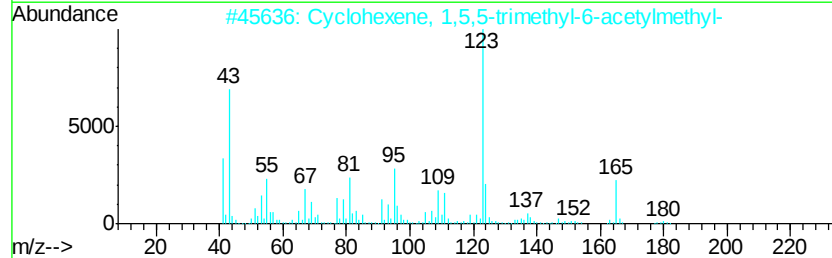
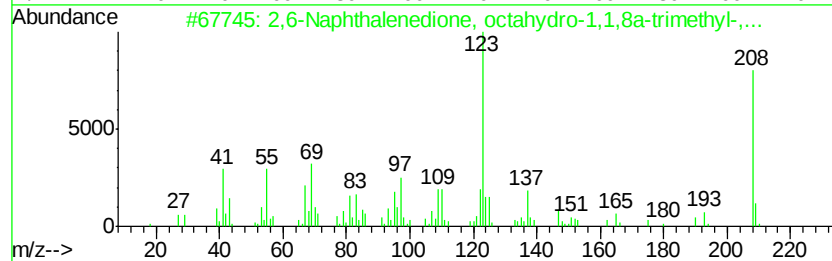
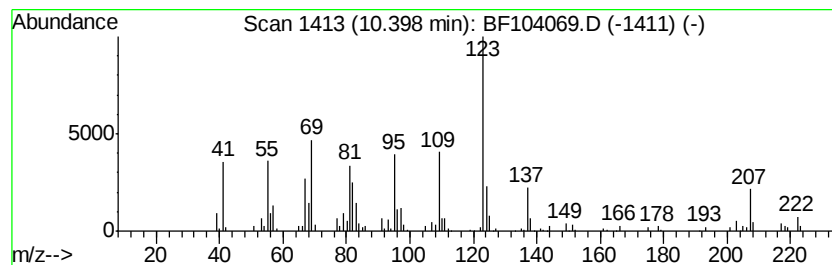
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Peak Number 5 2,6-Naphthalenedione, octah... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.40	3.62 ng	170993	Acenaphthene-d10	10.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,6-Naphthalenedione, octahydro-...	208	C13H20O2	057289-16-4	59
2		Cyclohexene, 1,5,5-trimethyl-6-a...	180	C12H20O	211563-96-1	53
3		3-Fluorobenzoic acid, 3-tetradec...	336	C21H33FO2	1000280-60-5	50
4		1-Trimethylsilylpent-1-en-4-yne	138	C8H14Si	079516-25-9	50
5		3-Fluorobenzoic acid, 3-pentadec...	350	C22H35FO2	1000280-60-8	47



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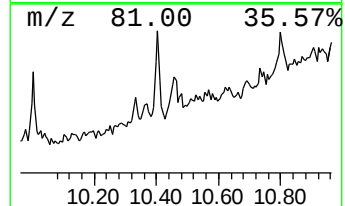
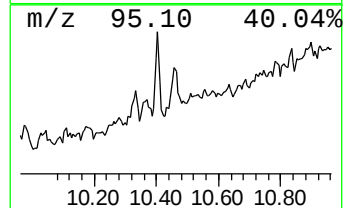
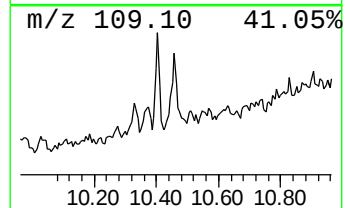
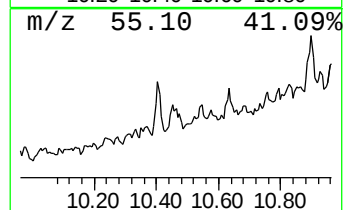
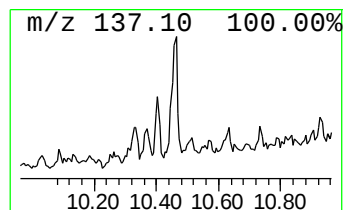
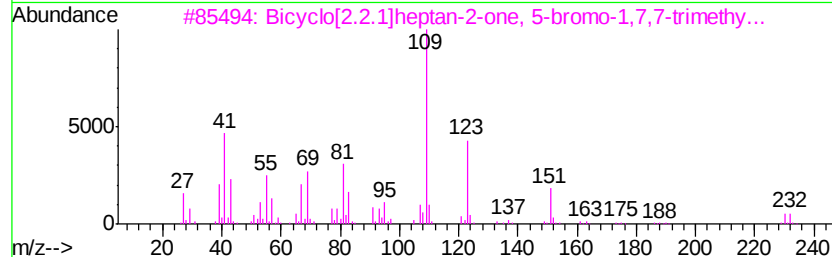
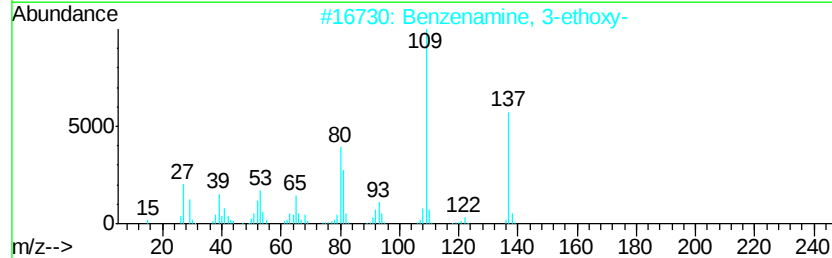
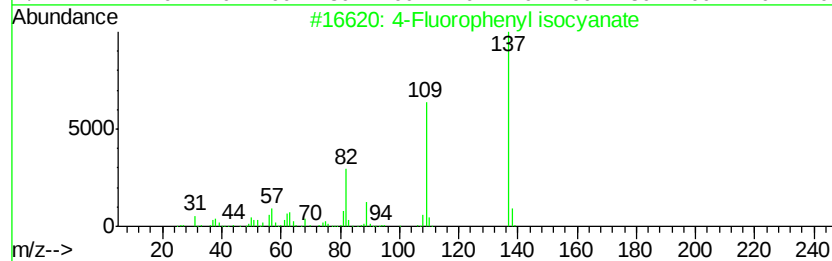
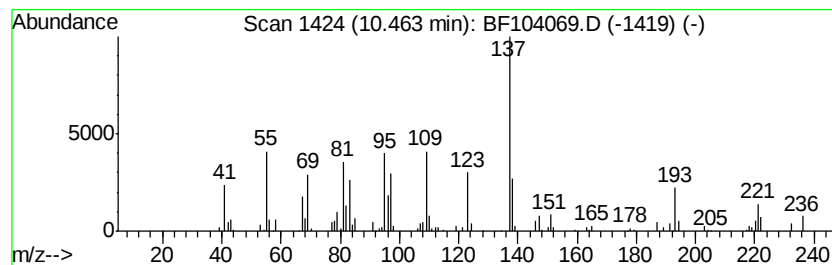
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Peak Number 6 unknown10.46 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.46	2.18 ng	102986	Acenaphthene-d10		10.00
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Fluorophenyl isocyanate	137	C7H4FNO	001195-45-5	35
2	Benzenamine, 3-ethoxy-	137	C8H11NO	000621-33-0	25
3	Bicyclo[2.2.1]heptan-2-one, 5-bromo-	230	C10H15BrO	010293-00-2	22
4	2-Heptanone, 6-(3,5-dimethyl-2-furyl)-	222	C14H22O2	090165-09-6	18
5	1,3-Bis(bromomethyl)cyclohexane	268	C8H14Br2	1000216-89-9	14



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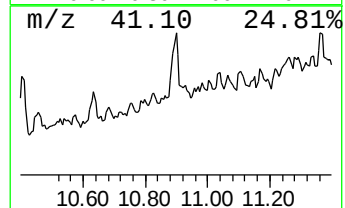
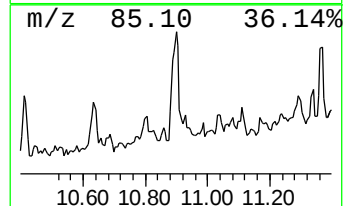
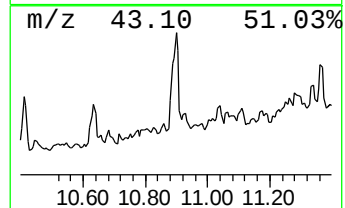
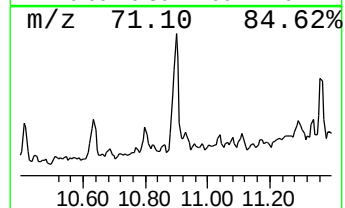
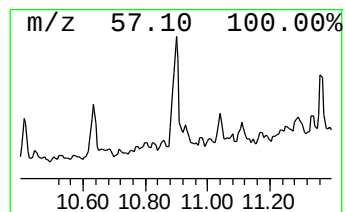
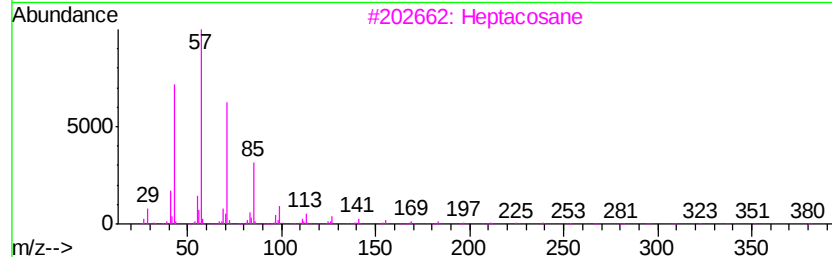
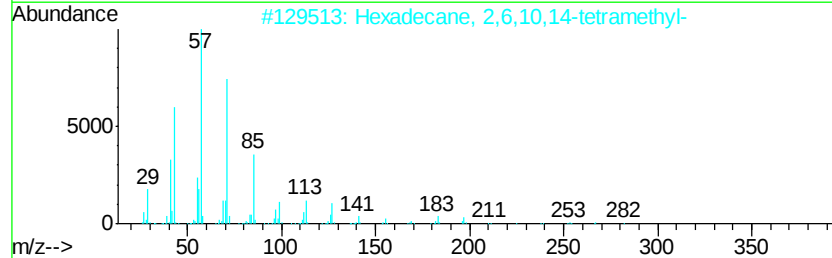
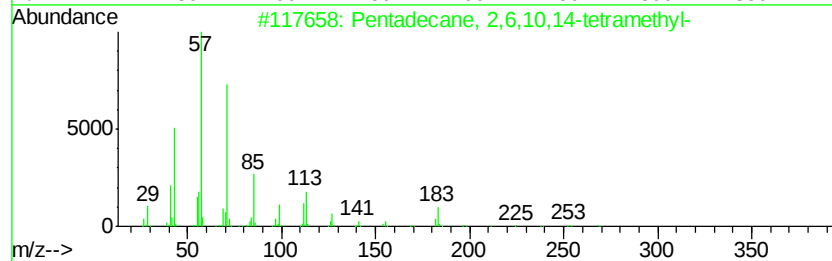
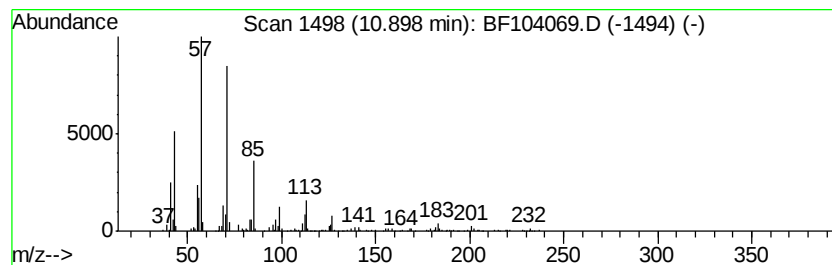
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Pentadecane, 2,6,10,14-tetr... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.90	6.99 ng	246718	Phenanthrene-d10	11.50

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	90
2		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
3		Heptacosane	380	C27H56	000593-49-7	86
4		Undecane, 6-ethyl-	184	C13H28	017312-60-6	80
5		Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF032918\
Data File : BF104069.D
Acq On : 29 Mar 2018 23:19
Operator : JU/SJ
Sample : J2103-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LS-SOIL-2

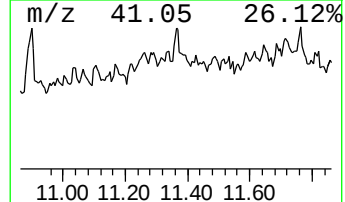
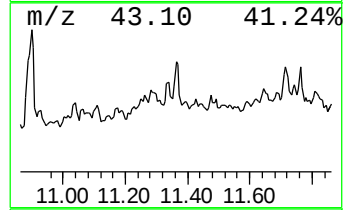
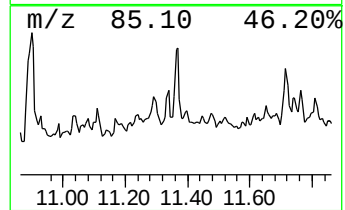
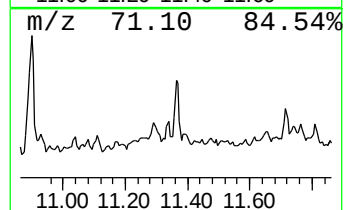
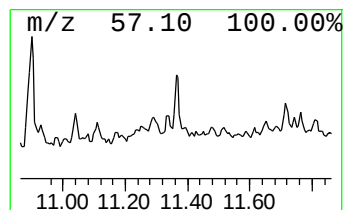
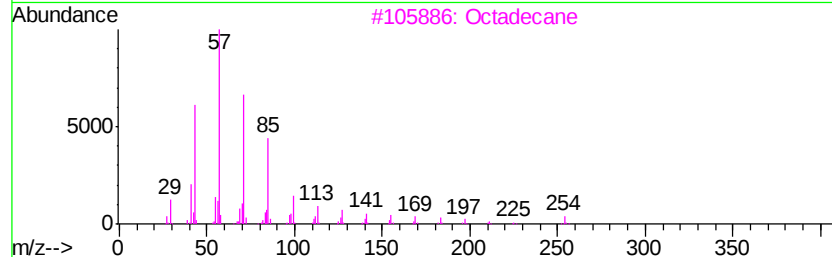
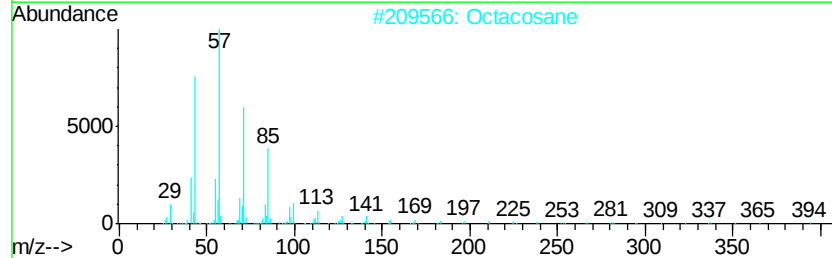
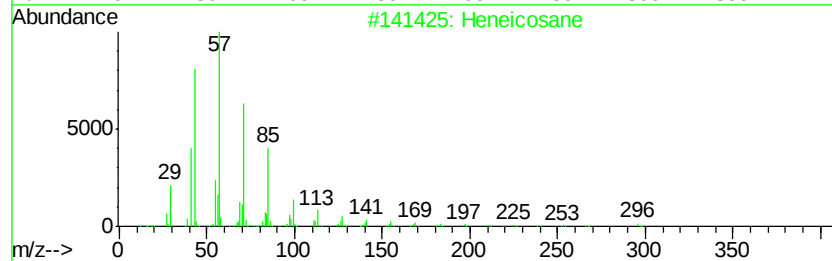
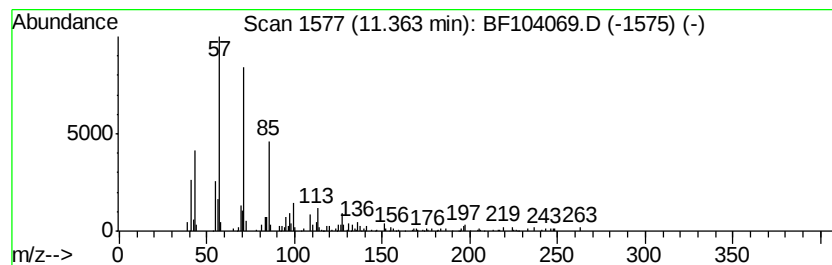
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.36	2.79 ng	98276	Phenanthrene-d10	11.50

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	Octacosane		394	C28H58	000630-02-4	91
3	Octadecane		254	C18H38	000593-45-3	90
4	Heptacosane		380	C27H56	000593-49-7	90
5	Hexadecane		226	C16H34	000544-76-3	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032918\
Data File : BF104069.D
Acq On : 29 Mar 2018 23:19
Operator : JU/SJ
Sample : J2103-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LS-SOIL-2

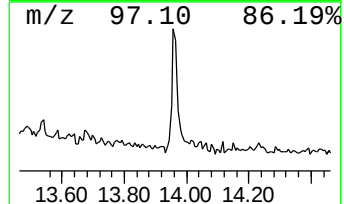
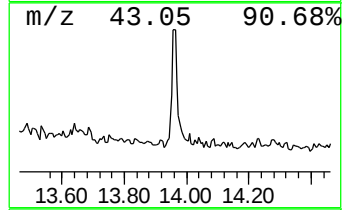
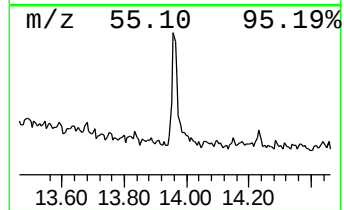
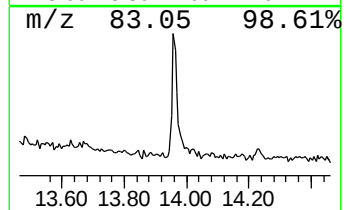
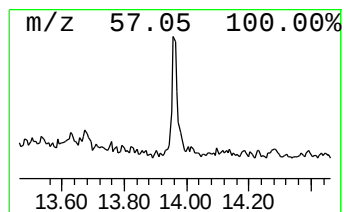
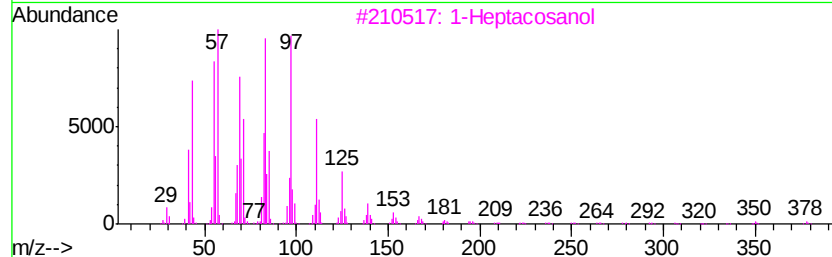
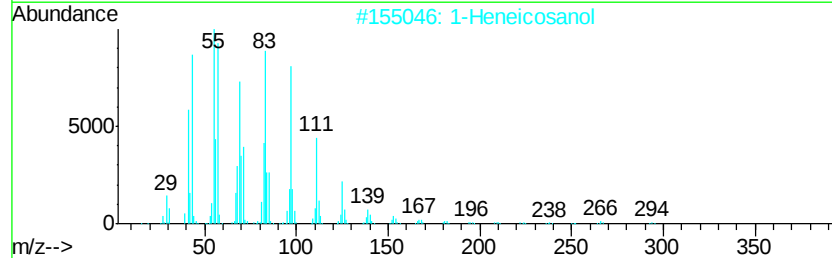
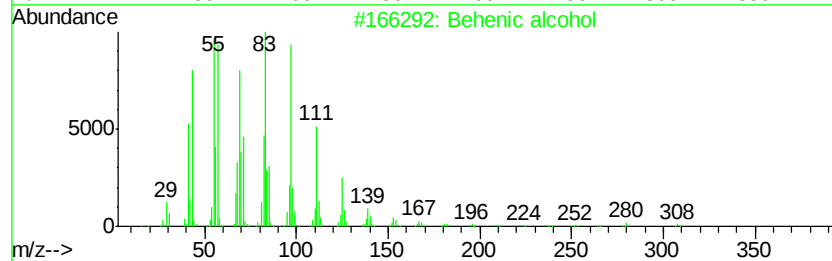
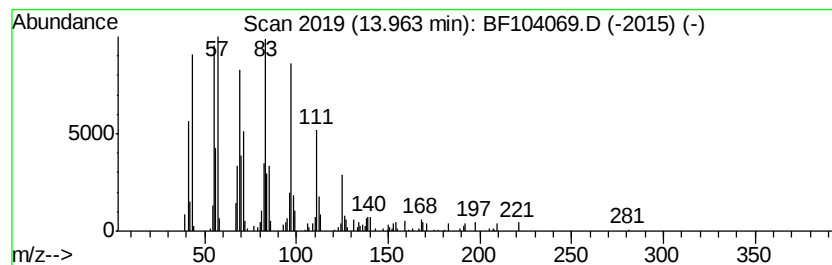
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Behenic alcohol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.96	4.51 ng	143193	Chrysene-d12	14.16

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Behenic alcohol	326	C22H46O	000661-19-8	95
2		1-Heneicosanol	312	C21H44O	015594-90-8	94
3		1-Heptacosanol	396	C27H56O	002004-39-9	94
4		1-Nonadecene	266	C19H38	018435-45-5	91
5		3-Eicosene, (E)-	280	C20H40	074685-33-9	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032918\
Data File : BF104069.D
Acq On : 29 Mar 2018 23:19
Operator : JU/SJ
Sample : J2103-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LS-SOIL-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.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...	2.29	3.4	ng	108750	1	6.97	645609	20.0
2-Pentanone, 4-hy...	5.20	2.3	ng	75152	1	6.97	645609	20.0
unknown6.74	6.74	79.0	ng	2549740	1	6.97	645609	20.0
2,6-Naphthalenedi...	10.40	3.6	ng	170993	3	10.00	945625	20.0
unknown10.46	10.46	2.2	ng	102986	3	10.00	945625	20.0
Pentadecane, 2,6,...	10.90	7.0	ng	246718	4	11.50	705615	20.0
Heneicosane	11.36	2.8	ng	98276	4	11.50	705615	20.0
Behenic alcohol	13.96	4.5	ng	143193	5	14.16	634927	20.0