

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF033018\
 Data File : BF104099.D
 Acq On : 30 Mar 2018 18:14
 Operator : JU/SJ
 Sample : J2103-05
 Misc :
 ALS Vial : 8 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	29	35	40	rBV	82991	108878	4.34%	0.459%
2	5.198	525	529	538	rBV	70490	95539	3.81%	0.403%
3	5.592	592	596	621	rBV	1569126	2151327	85.83%	9.077%
4	6.592	762	766	785	rBV	1506549	2243862	89.52%	9.468%
5	6.728	785	789	818	rVB	1988581	2506449	100.00%	10.576%
6	6.951	824	827	850	rVB	479051	649143	25.90%	2.739%
7	7.110	850	854	870	rBV	1769225	1762983	70.34%	7.439%
8	7.522	919	924	934	rBV	957743	1351918	53.94%	5.704%
9	7.675	947	950	969	rVB2	22076	51113	2.04%	0.216%
10	8.233	1041	1045	1065	rBV	793866	940558	37.53%	3.969%
11	9.310	1223	1228	1236	rBV	2343671	2410379	96.17%	10.170%
12	9.375	1236	1239	1243	rVB2	39105	55187	2.20%	0.233%
13	9.633	1277	1283	1288	rBV8	13891	25066	1.00%	0.106%
14	9.698	1289	1294	1300	rBV	209867	242323	9.67%	1.022%
15	9.851	1316	1320	1322	rBV	55313	54027	2.16%	0.228%
16	9.898	1325	1328	1331	rVB2	89826	92336	3.68%	0.390%
17	9.939	1331	1335	1336	rBV2	27950	32252	1.29%	0.136%
18	9.992	1341	1344	1357	rVB	1016001	1098480	43.83%	4.635%
19	10.322	1395	1400	1402	rBV	59984	72909	2.91%	0.308%
20	10.392	1409	1412	1416	rVB2	172479	205037	8.18%	0.865%
21	10.445	1418	1421	1426	rVV5	72380	112289	4.48%	0.474%
22	10.622	1448	1451	1454	rBV	94828	103028	4.11%	0.435%
23	10.792	1476	1480	1488	rBV	1429791	1624418	64.81%	6.854%
24	10.892	1493	1497	1500	rVV	199394	244916	9.77%	1.033%
25	11.492	1596	1599	1608	rVB	880812	910505	36.33%	3.842%
26	11.998	1683	1685	1687	rBV3	183165	143847	5.74%	0.607%
27	13.074	1864	1868	1884	rVB	2231639	2470984	98.59%	10.426%
28	13.945	2013	2016	2022	rBV	318651	355488	14.18%	1.500%
29	14.145	2046	2050	2057	rBV	731254	871304	34.76%	3.676%
30	15.674	2306	2310	2323	rVB	433331	713887	28.48%	3.012%

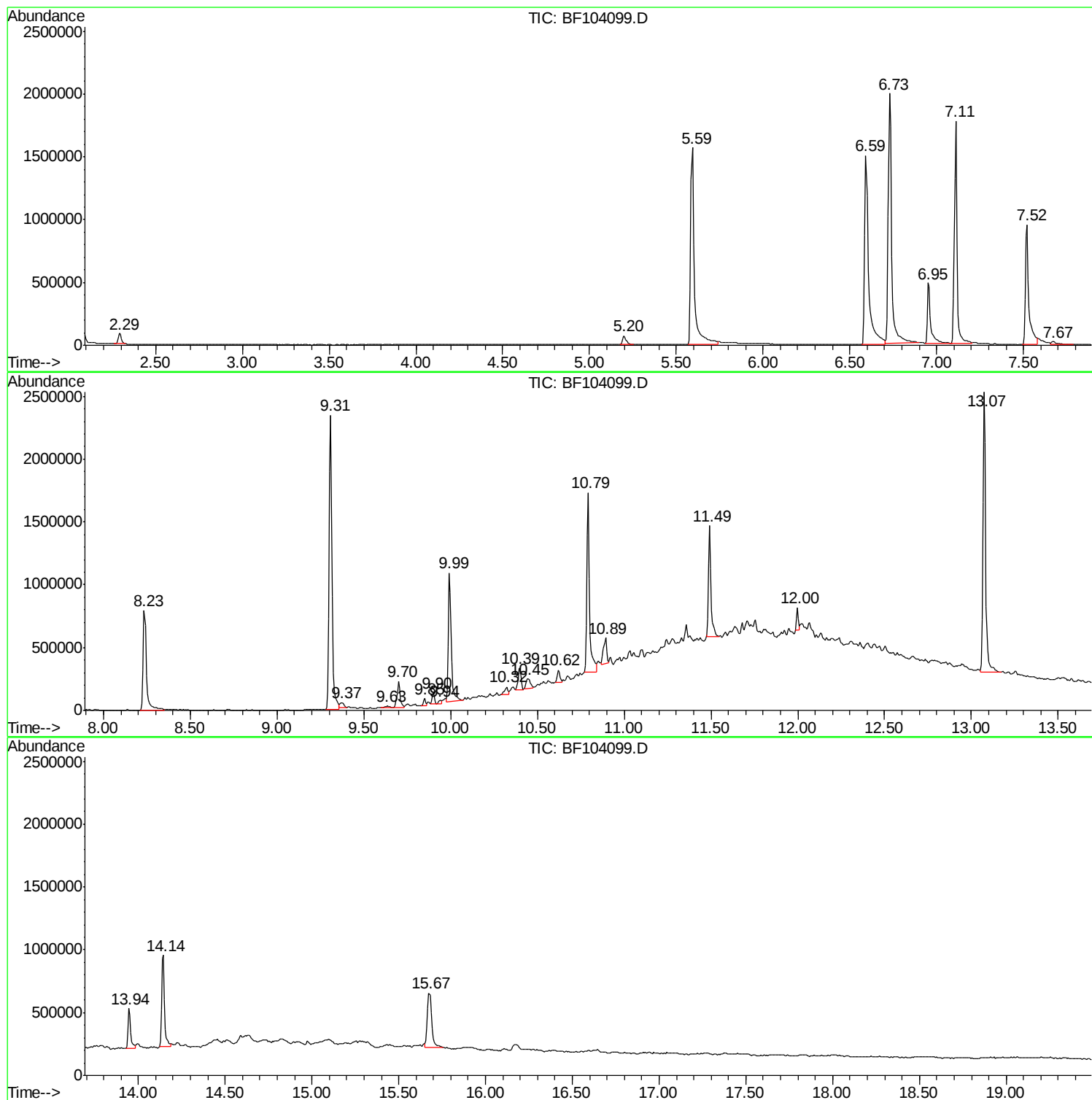
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Misc :
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Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M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

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



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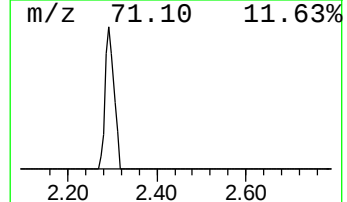
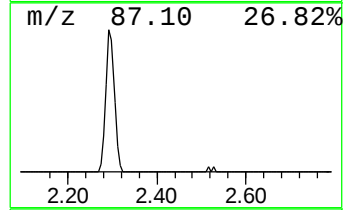
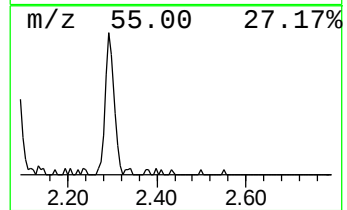
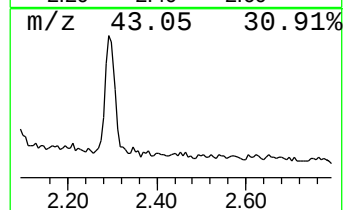
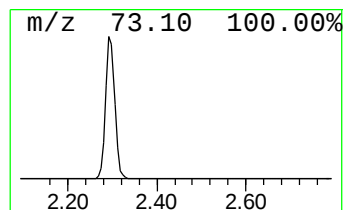
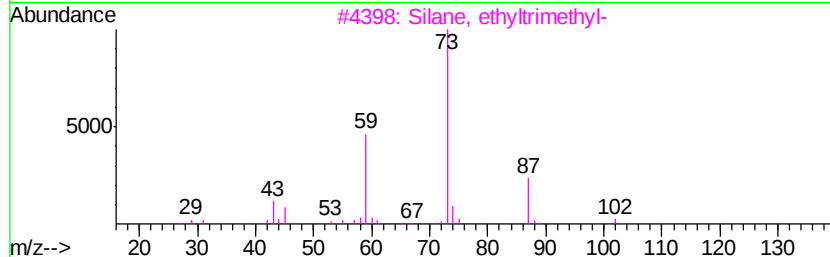
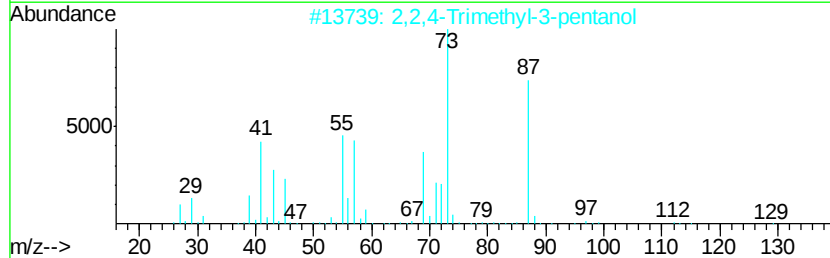
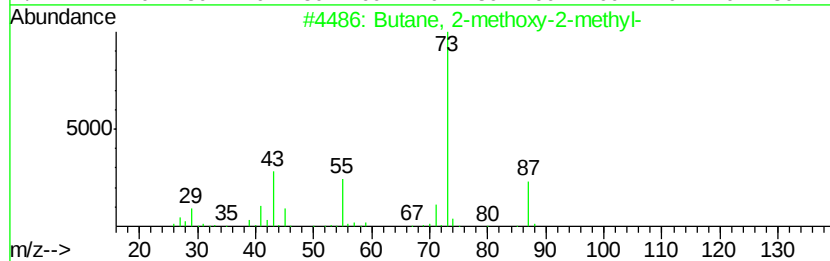
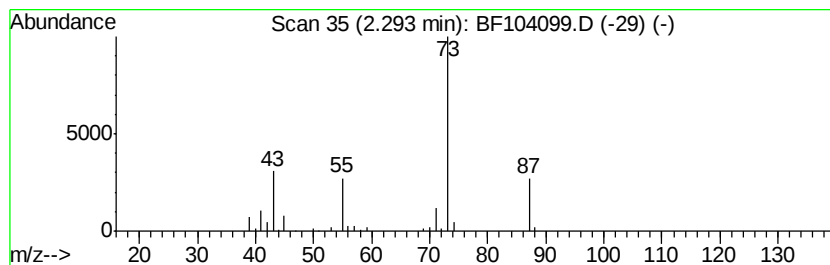
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.29	3.35 ng	108878	1,4-Dichlorobenzene-d4	6.95

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	86
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3			Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	33
4			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5			3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	17



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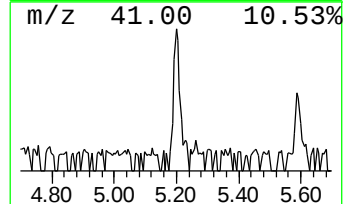
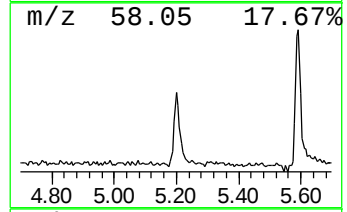
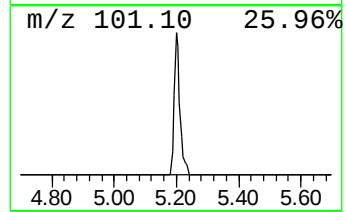
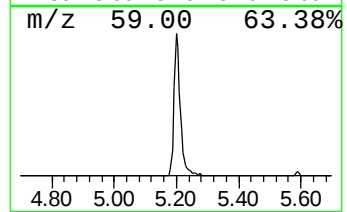
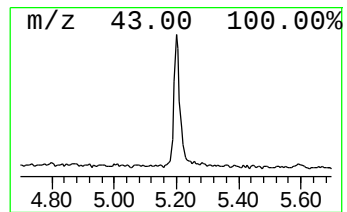
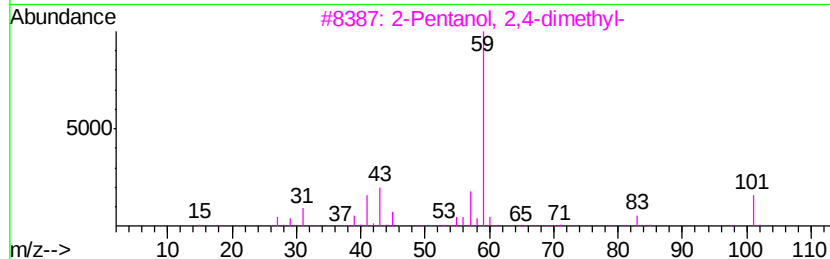
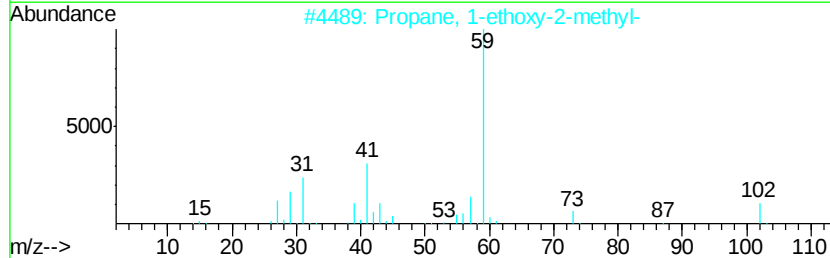
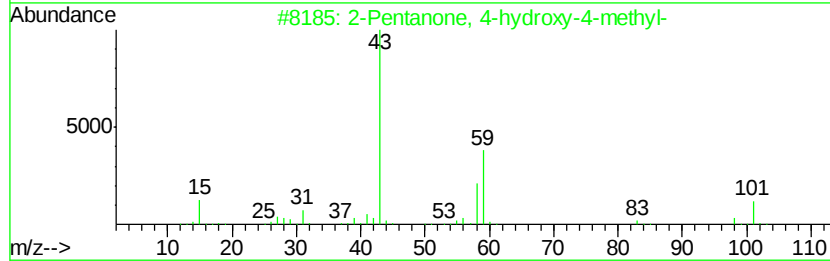
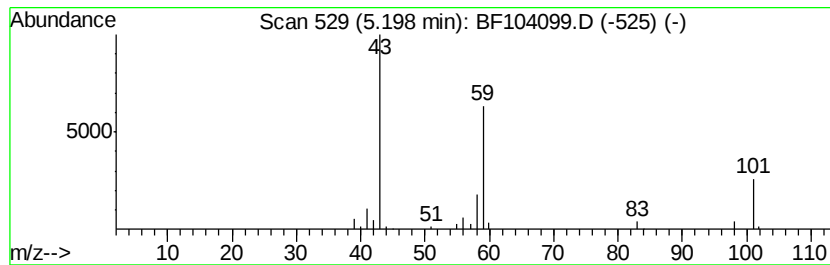
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Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.20	2.94 ng	95539	1,4-Dichlorobenzene-d4	6.95

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
2			Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	35
3			2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	28
4			1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	25
5			5-Hexen-2-one	98	C6H10O	000109-49-9	9



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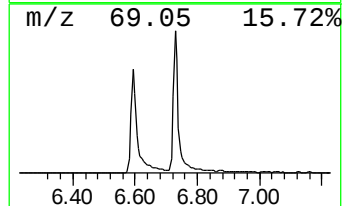
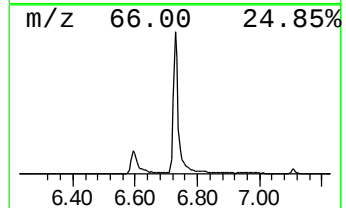
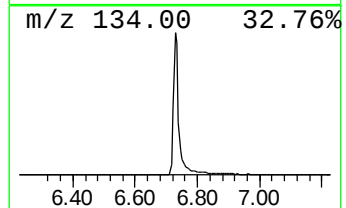
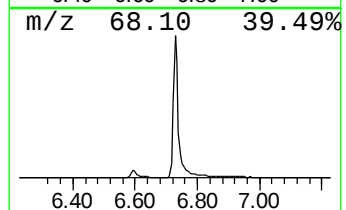
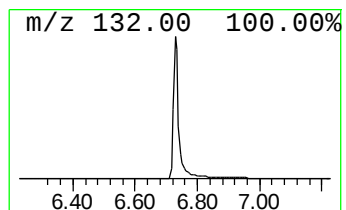
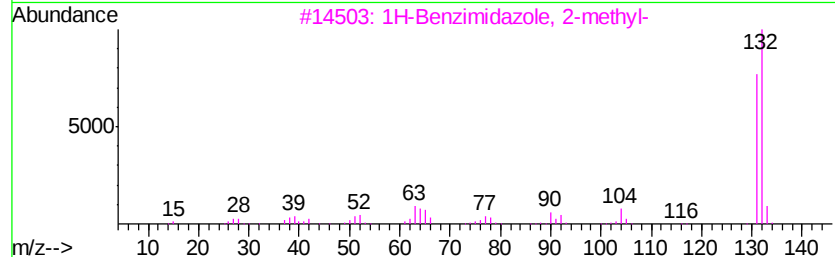
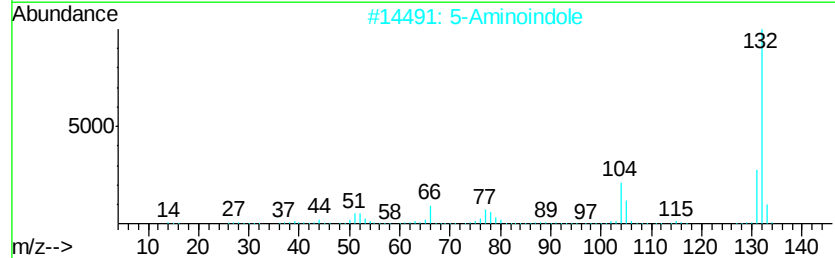
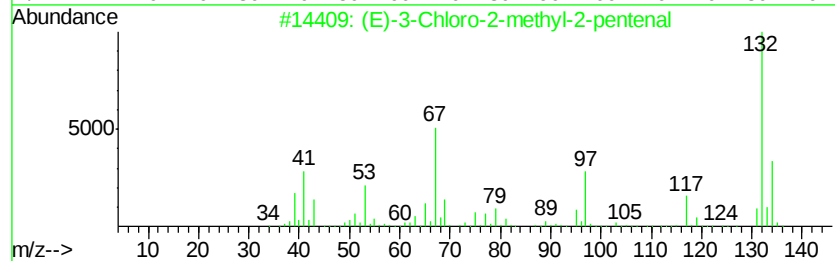
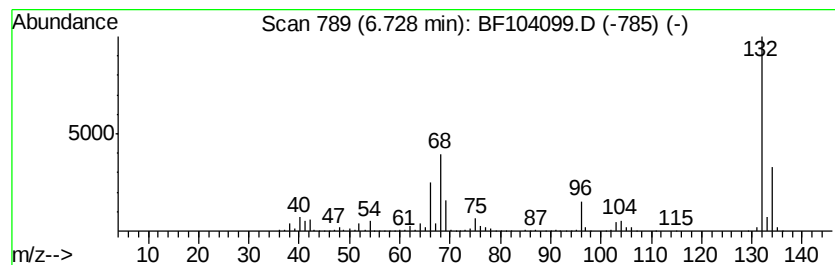
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 unknown6.73 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	77.22 ng	2506450	1,4-Dichlorobenzene-d4	6.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2		5-Aminoindole	132	C8H8N2	005192-03-0	12
3		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9



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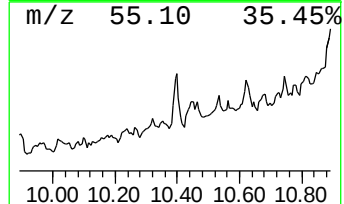
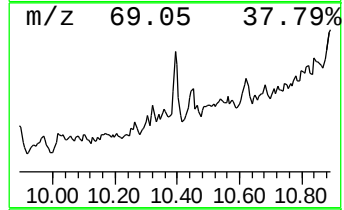
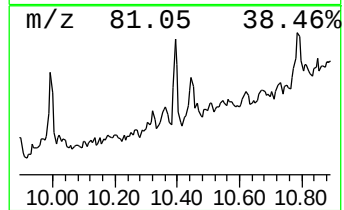
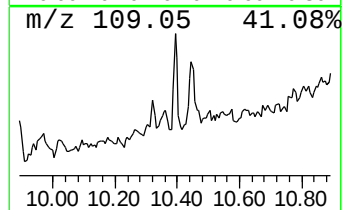
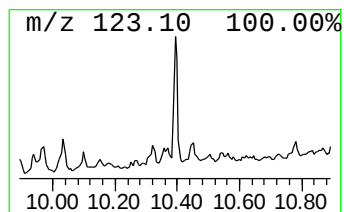
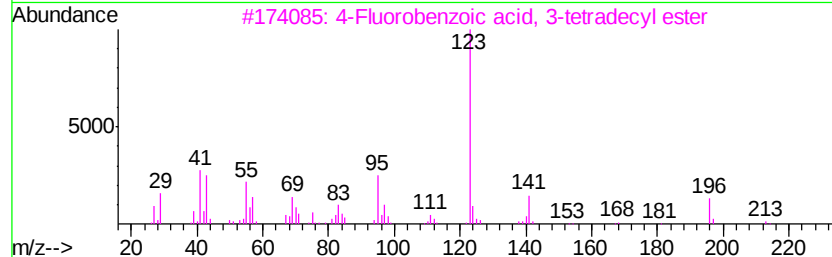
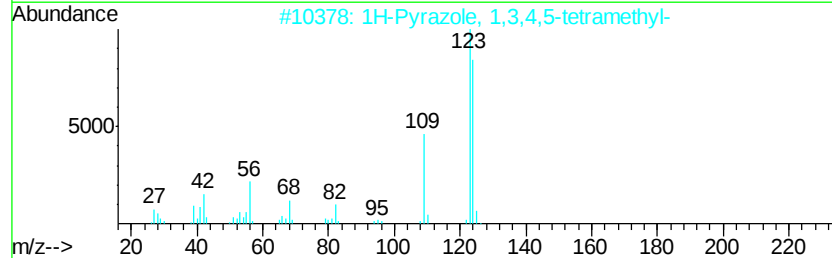
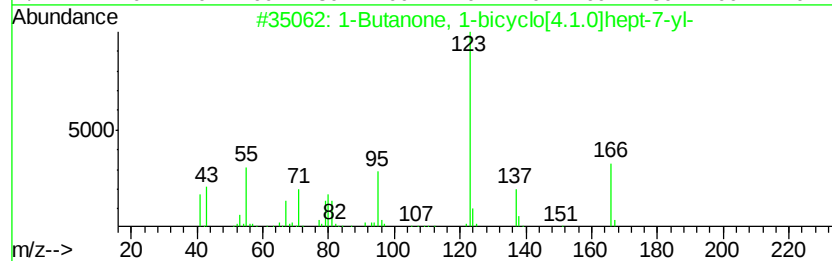
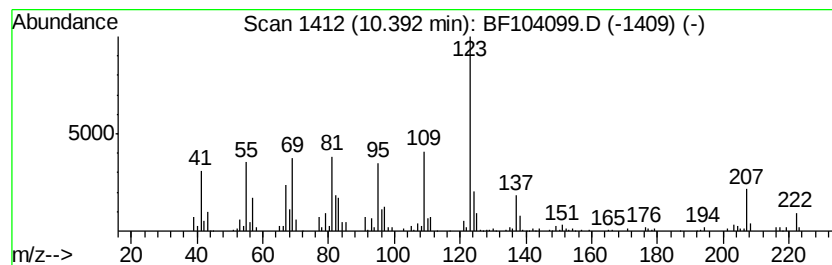
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Peak Number 5 unknown10.39 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.39	3.73 ng	205037	Acenaphthene-d10	9.99	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butanone, 1-bicyclo[4.1.0]hept...	166	C11H18O	054764-62-4	43
2	1H-Pyrazole, 1,3,4,5-tetramethyl-	124	C7H12N2	001073-20-7	43
3	4-Fluorobenzoic acid, 3-tetradec...	336	C21H33FO2	1000280-68-1	38
4	2,4a,8,8-Tetramethyldecahydrocyc...	206	C15H26	074022-04-1	38
5	Decahydro-8a-ethyl-1,1,4a,6-tetr...	222	C16H30	1000100-23-6	38



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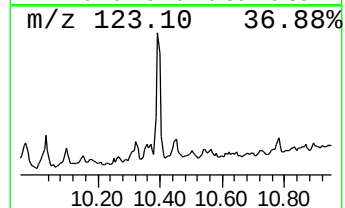
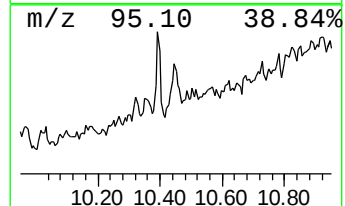
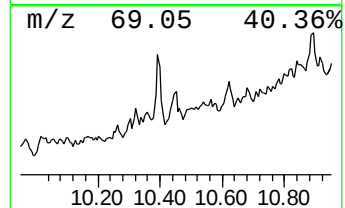
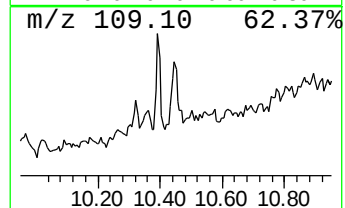
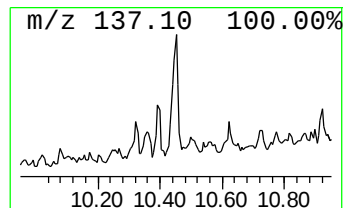
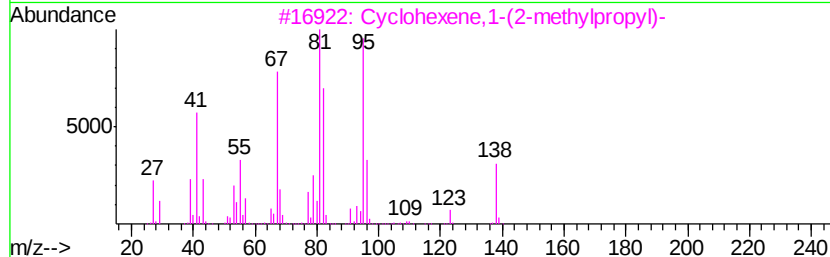
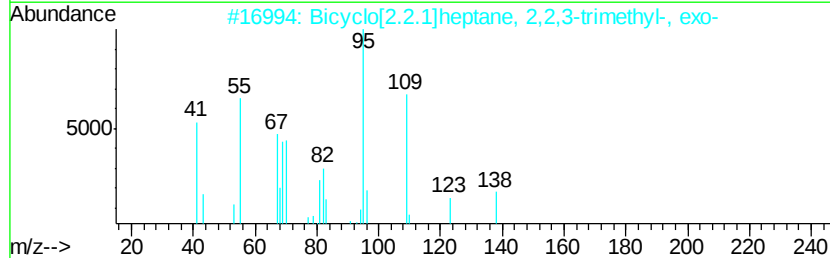
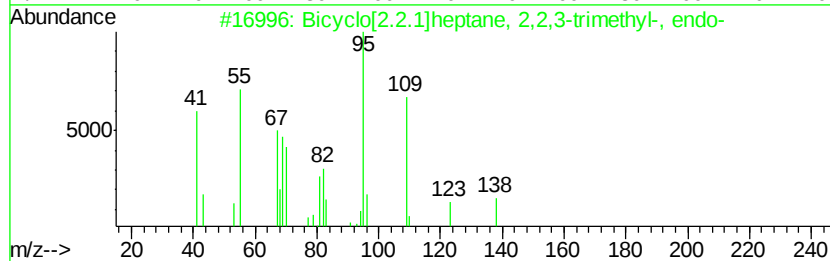
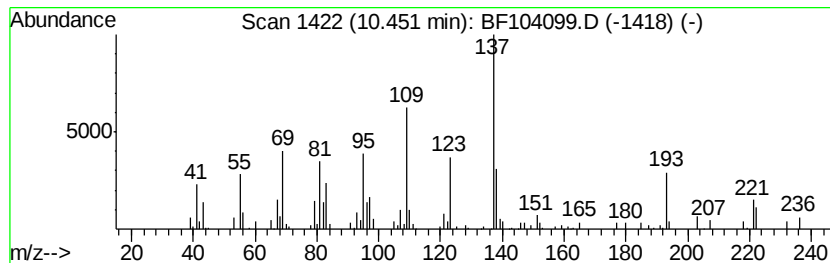
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Peak Number 6 unknown10.45 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.45	2.04 ng	112289	Acenaphthene-d10	9.99	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-40-7	45
2	Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-41-8	45
3	Cyclohexene, 1-(2-methylpropyl)-	138	C10H18	003983-03-7	35
4	Naphthalene, 2-butyldecahydro-	194	C14H26	006305-52-8	30
5	Cyclohexene, 4-methyl-1-(1-methy...	138	C10H18	000500-00-5	25



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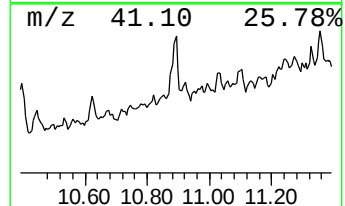
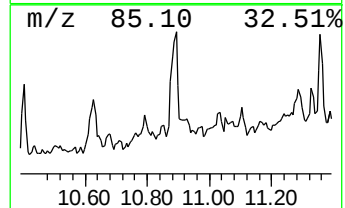
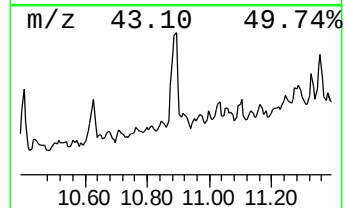
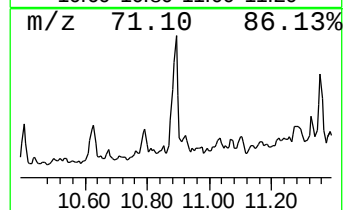
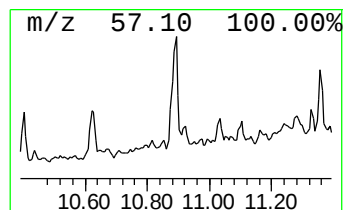
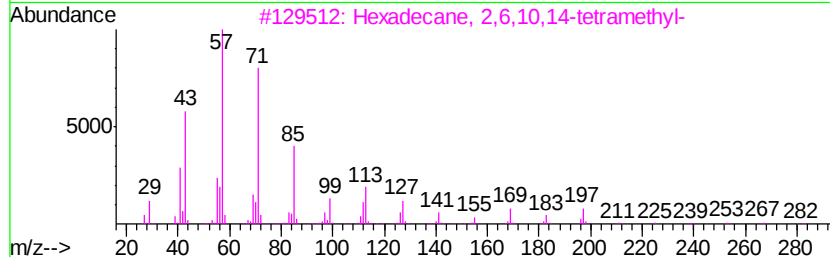
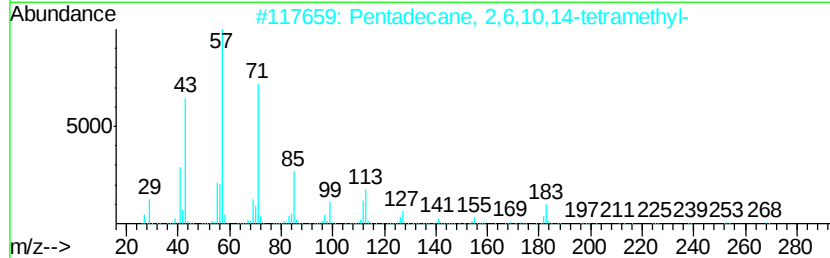
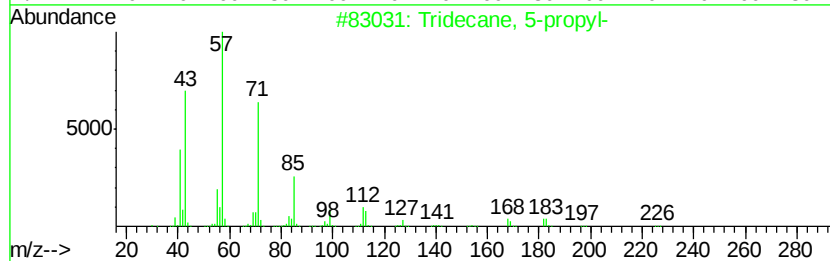
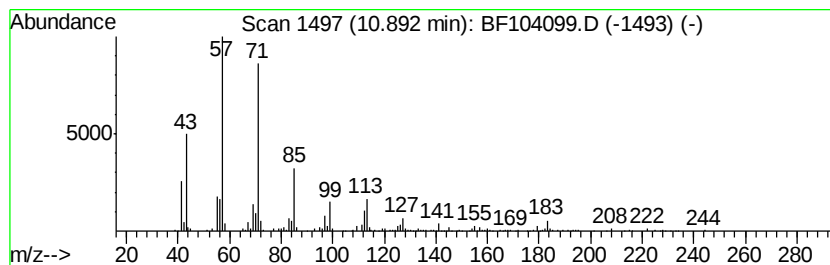
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tridecane, 5-propyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.89	5.38 ng	244916	Phenanthrene-d10	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 5-propyl-	226	C16H34	055045-11-9	90
2		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	87
3		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
4		Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	86
5		Heptacosane	380	C27H56	000593-49-7	80



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF033018\
Data File : BF104099.D
Acq On : 30 Mar 2018 18:14
Operator : JU/SJ
Sample : J2103-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

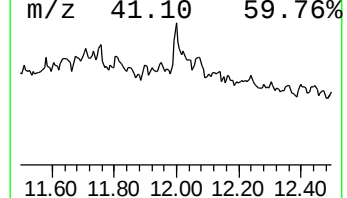
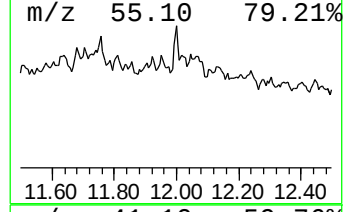
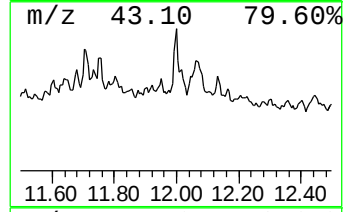
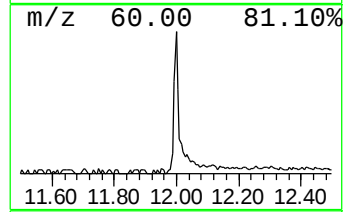
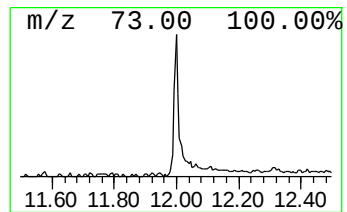
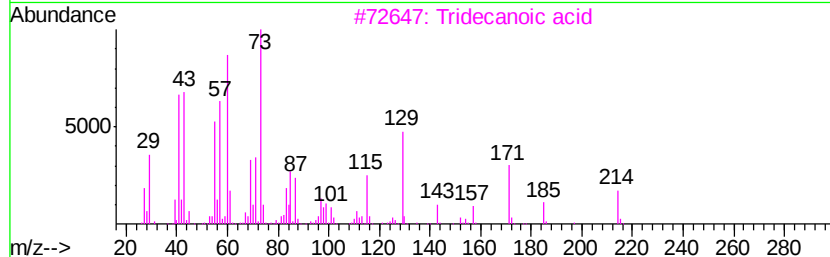
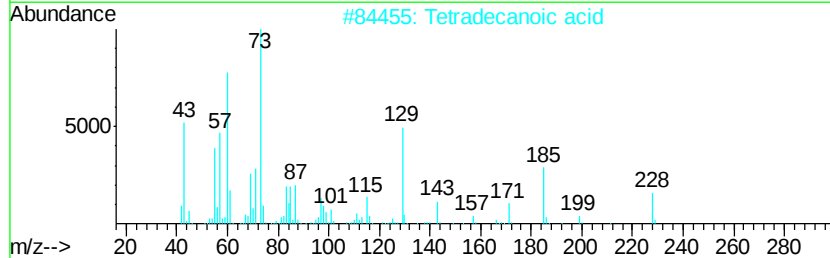
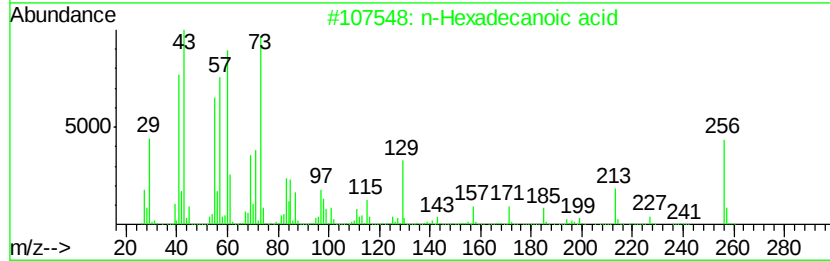
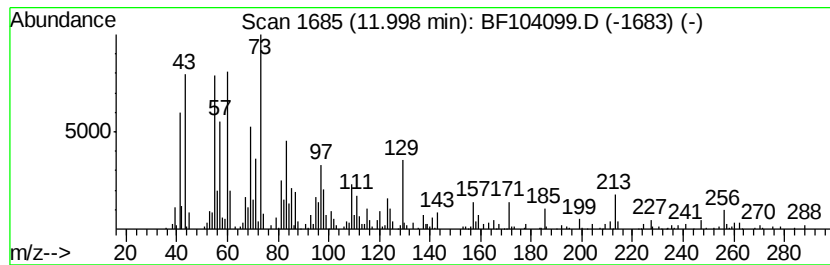
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ClientSampleId :
LS-SOIL-2

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

Peak Number 8 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.00	3.16 ng	143847	Phenanthrene-d10	11.49	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
3	Tridecanoic acid	214	C13H26O2	000638-53-9	86
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
5	Nonanoic acid	158	C9H18O2	000112-05-0	25



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF033018\
Data File : BF104099.D
Acq On : 30 Mar 2018 18:14
Operator : JU/SJ
Sample : J2103-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LS-SOIL-2

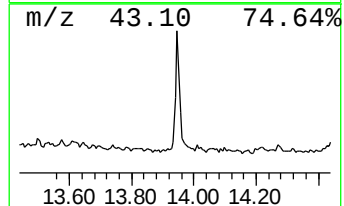
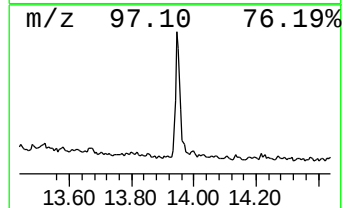
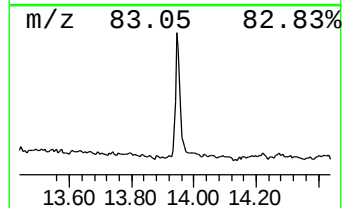
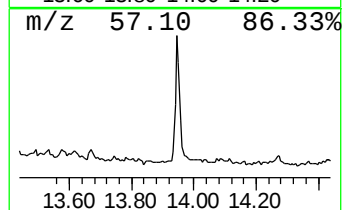
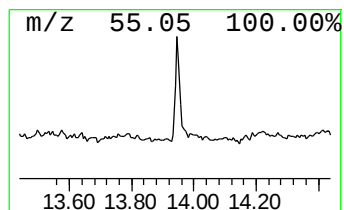
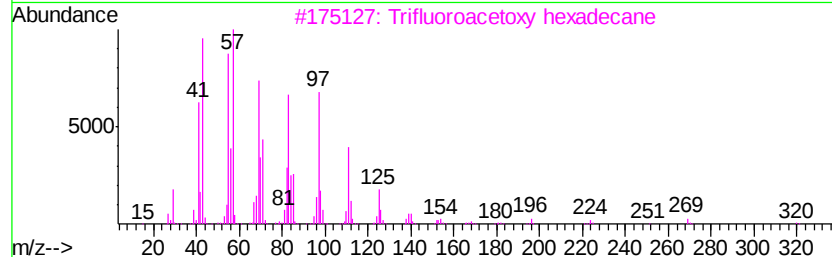
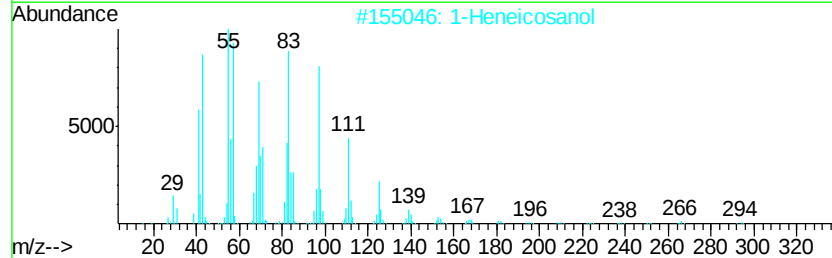
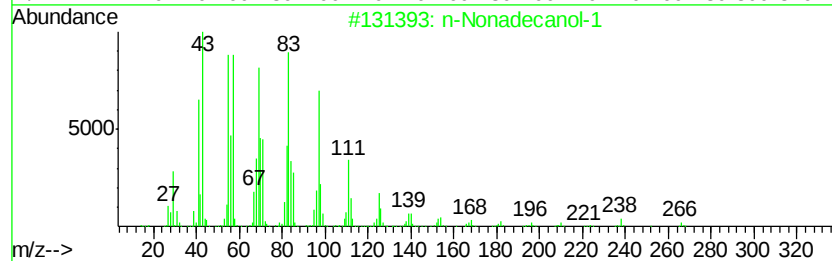
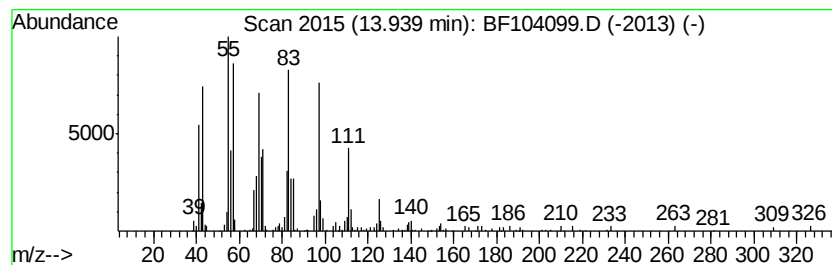
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 n-Nonadecanol-1 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	8.16 ng	355488	Chrysene-d12	14.14

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Nonadecanol-1			284	C19H40O	001454-84-8	95
2	1-Heneicosanol			312	C21H44O	015594-90-8	95
3	Trifluoroacetoxv hexadecane			338	C18H33F3O2	006222-03-3	94
4	Trifluoroacetic acid, pentadecyl...			324	C17H31F3O2	959010-23-2	94
5	Behenic alcohol			326	C22H46O	000661-19-8	94



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF033018\
Data File : BF104099.D
Acq On : 30 Mar 2018 18:14
Operator : JU/SJ
Sample : J2103-05
Misc :
ALS Vial : 8 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	108878	1	6.95	649143	20.0
2-Pentanone, 4-hy...	5.20	2.9	ng	95539	1	6.95	649143	20.0
unknown6.73	6.73	77.2	ng	2506450	1	6.95	649143	20.0
unknown10.39	10.39	3.7	ng	205037	3	9.99	1098480	20.0
unknown10.45	10.45	2.0	ng	112289	3	9.99	1098480	20.0
Tridecane, 5-propyl-	10.89	5.4	ng	244916	4	11.49	910505	20.0
n-Hexadecanoic acid	12.00	3.2	ng	143847	4	11.49	910505	20.0
n-Nonadecanol-1	13.94	8.2	ng	355488	5	14.14	871304	20.0