

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071618\
 Data File : BF107415.D
 Acq On : 16 Jul 2018 21:06
 Operator : JU/SJ
 Sample : J3542-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LS-SOIL-1

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.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	5.213	481	489	495	rVB	361298	456146	13.40%	1.399%
2	5.596	548	554	557	rBV	3258502	3261324	95.78%	10.002%
3	6.596	718	724	728	rBV	3401502	3354228	98.51%	10.287%
4	6.743	745	749	753	rBV	3320338	3405011	100.00%	10.442%
5	6.795	755	758	763	rVB3	37867	42449	1.25%	0.130%
6	6.978	785	789	792	rBV	1266061	981581	28.83%	3.010%
7	7.137	811	816	819	rBV	2774216	2544123	74.72%	7.802%
8	7.537	879	884	887	rBV	2217732	2101064	61.71%	6.443%
9	7.707	910	913	918	rVB4	31072	37522	1.10%	0.115%
10	8.260	999	1007	1010	rBV	1437138	1203540	35.35%	3.691%
11	9.337	1185	1190	1193	rBV	3870763	3374532	99.10%	10.349%
12	9.725	1253	1256	1259	rBV	709822	546778	16.06%	1.677%
13	9.931	1288	1291	1294	rVB5	39242	49756	1.46%	0.153%
14	10.019	1300	1306	1310	rBV2	1383175	1242174	36.48%	3.809%
15	10.048	1310	1311	1317	rVB6	63489	58197	1.71%	0.178%
16	10.436	1372	1377	1380	rBV6	43639	72648	2.13%	0.223%
17	10.566	1395	1399	1403	rBV6	37935	51422	1.51%	0.158%
18	10.807	1436	1440	1444	rBV	2137207	1882979	55.30%	5.775%
19	11.513	1556	1560	1562	rBV	1158893	1088875	31.98%	3.339%
20	11.531	1562	1563	1566	rVB	78666	68463	2.01%	0.210%
21	12.019	1643	1646	1653	rBV8	143544	209135	6.14%	0.641%
22	12.725	1763	1766	1771	rBV	191960	194094	5.70%	0.595%
23	12.813	1778	1781	1783	rBV3	63708	67545	1.98%	0.207%
24	12.960	1803	1806	1808	rVB	141647	121386	3.56%	0.372%
25	13.095	1825	1829	1833	rVB	2906763	2641675	77.58%	8.101%
26	13.777	1943	1945	1947	rBV3	65267	53242	1.56%	0.163%
27	13.983	1977	1980	1983	rBV4	220438	297142	8.73%	0.911%
28	14.124	2001	2004	2006	rBV	220184	189909	5.58%	0.582%
29	14.154	2006	2009	2013	rVV	1101798	1128479	33.14%	3.461%
30	14.613	2085	2087	2091	rBV5	118387	150035	4.41%	0.460%
31	15.295	2200	2203	2207	rBV6	142394	175329	5.15%	0.538%
32	15.689	2265	2270	2278	rVB	904964	1308923	38.44%	4.014%
33	16.165	2349	2351	2357	rVB7	69951	108238	3.18%	0.332%
34	18.248	2699	2705	2707	rBV7	80800	139566	4.10%	0.428%

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Sample : J3542-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

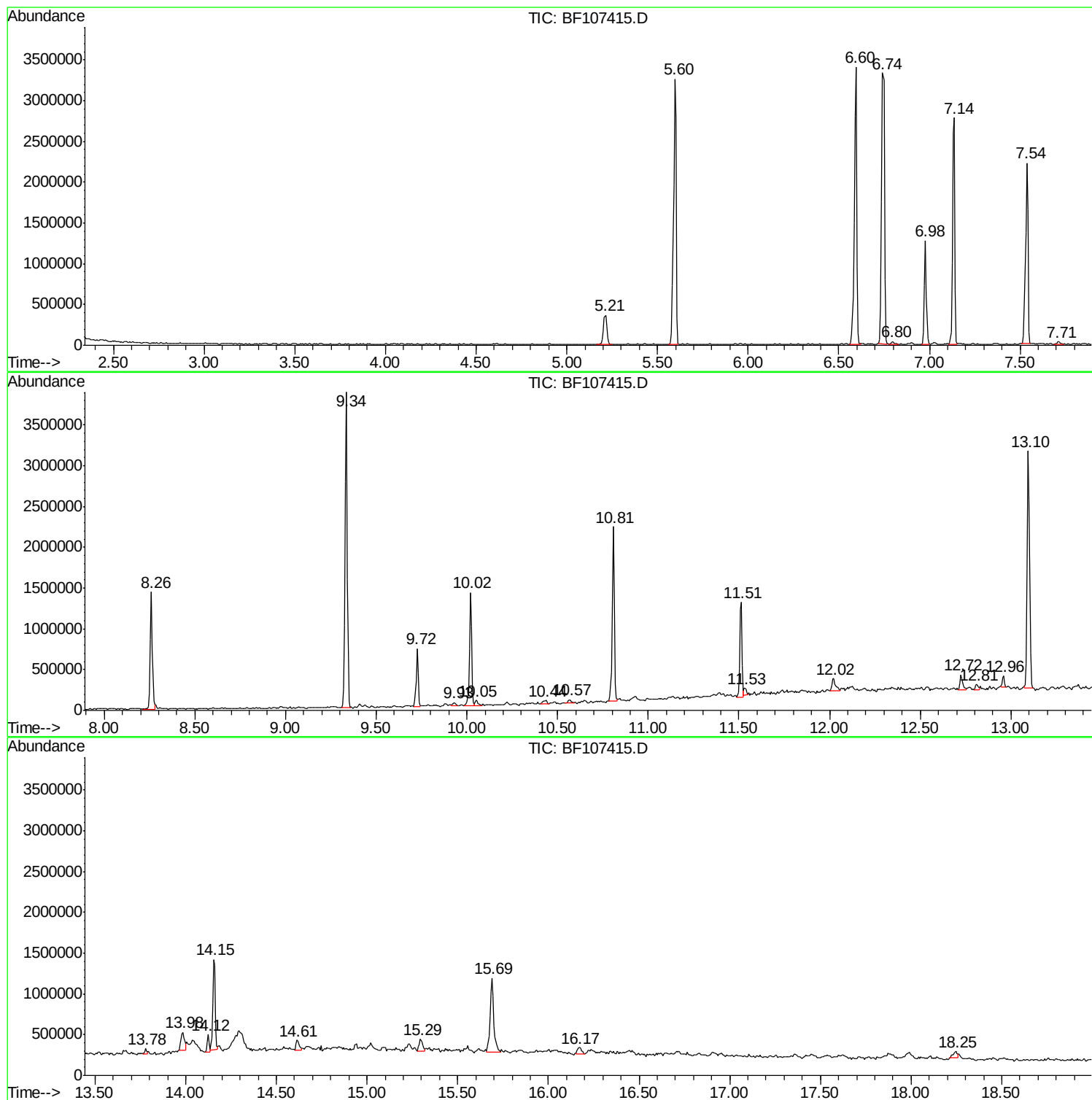
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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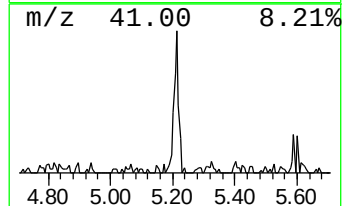
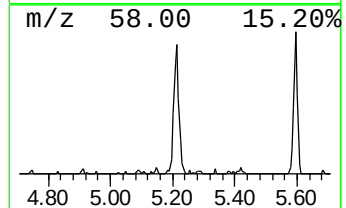
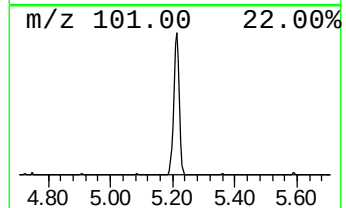
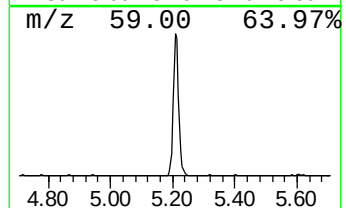
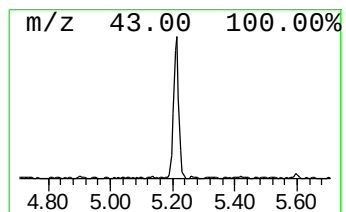
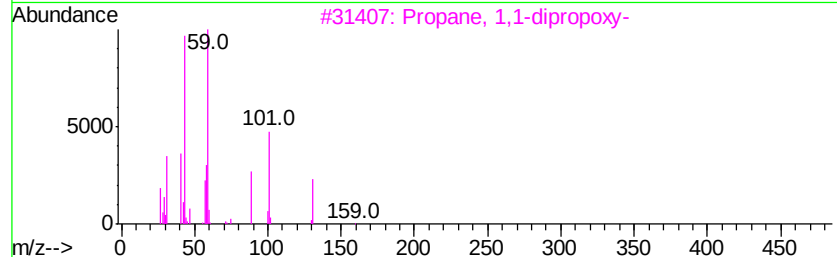
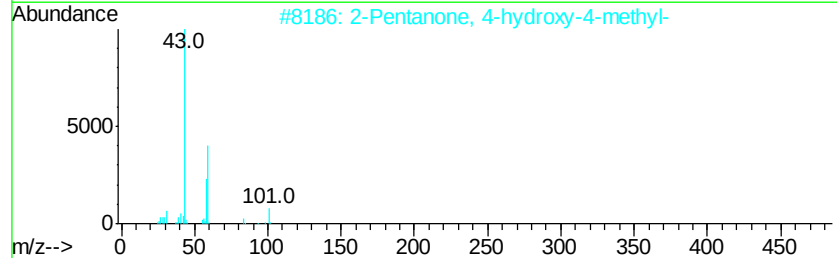
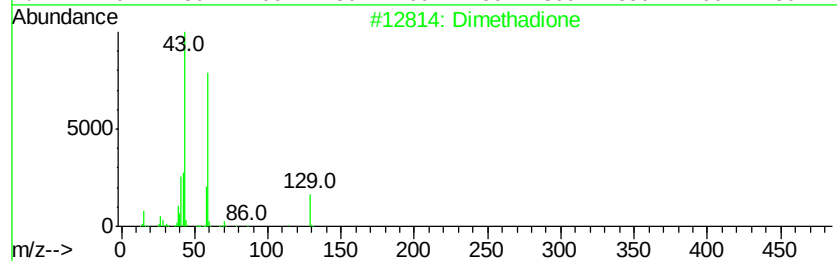
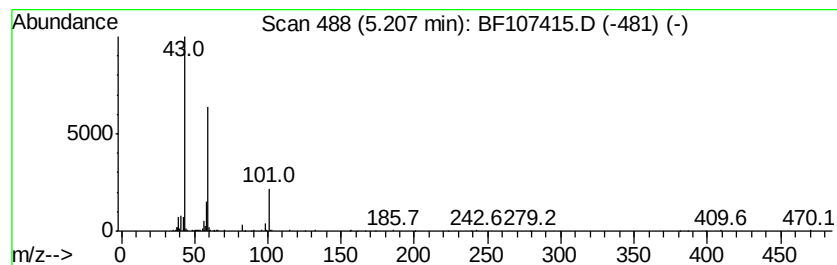
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown5.21 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.21	9.29 ng	456146	1,4-Dichlorobenzene-d4	6.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dimethadione	129	C5H7NO3	000695-53-4	40
2		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38
3		Propane, 1,1-dipropoxy-	160	C9H20O2	004744-11-0	33
4		n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	28
5		Tetraglyme	222	C10H22O5	000143-24-8	25



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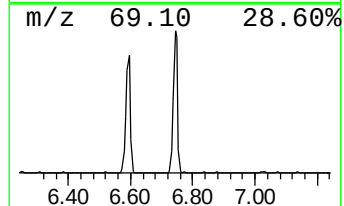
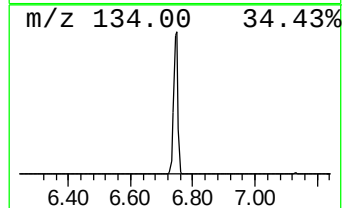
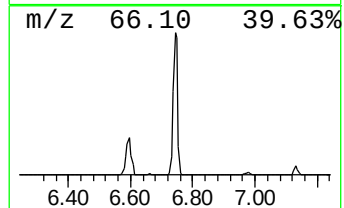
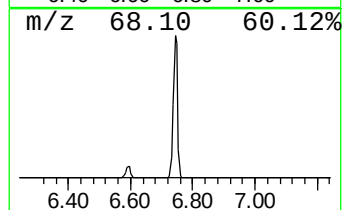
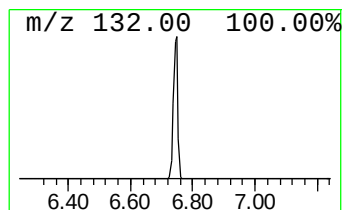
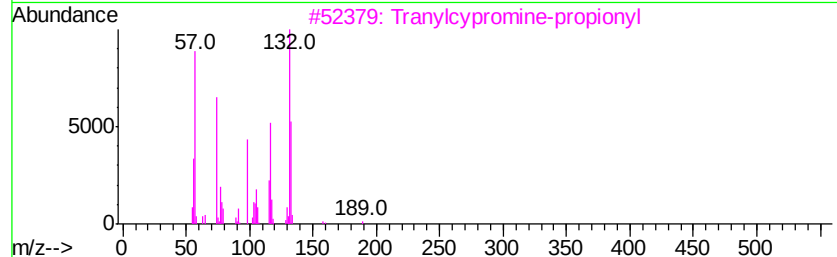
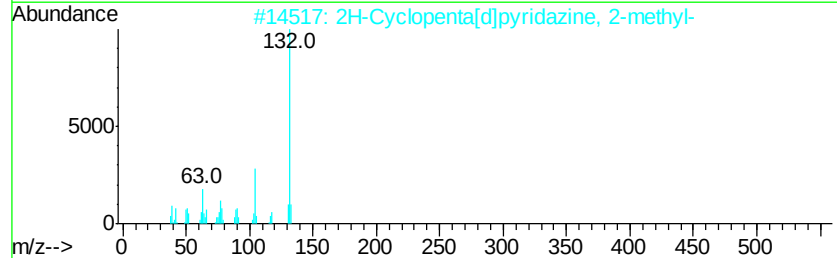
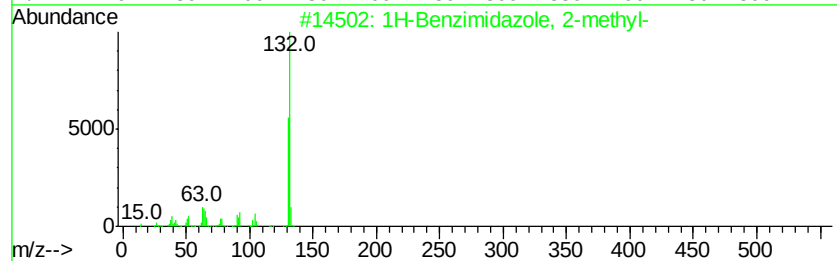
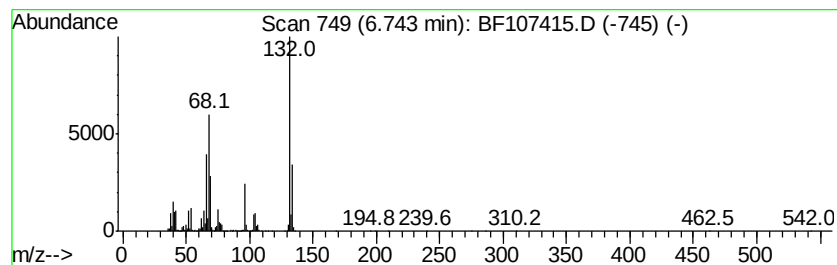
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.74 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	69.38 ng	3405010	1,4-Dichlorobenzene-d4	6.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	14
2		2H-Cyclopenta[d]pyridazine, 2-methyl-	132	C8H8N2	022291-85-6	14
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	10
4		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	10
5		1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	10



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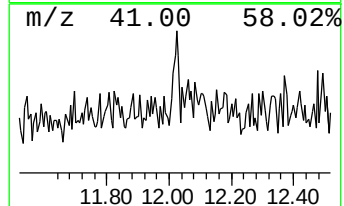
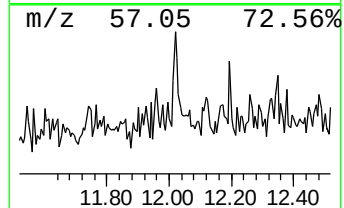
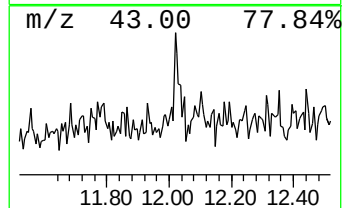
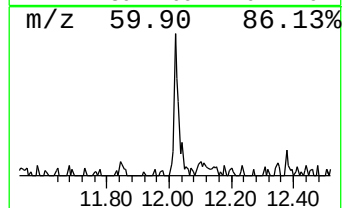
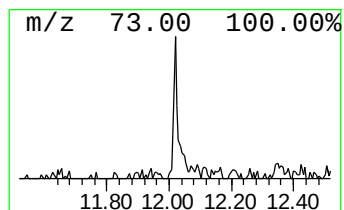
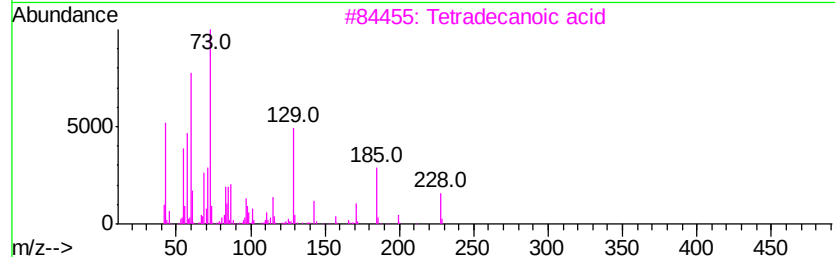
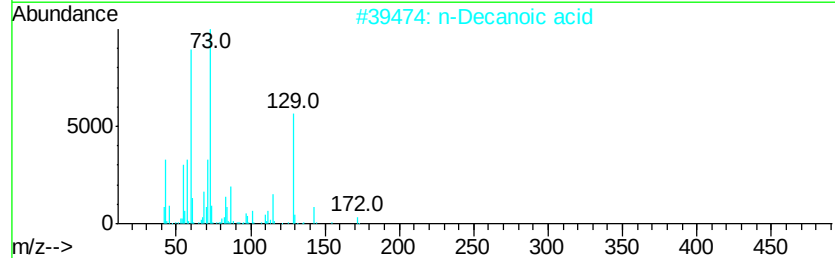
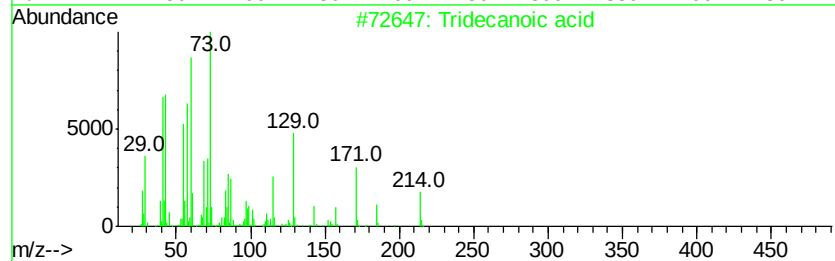
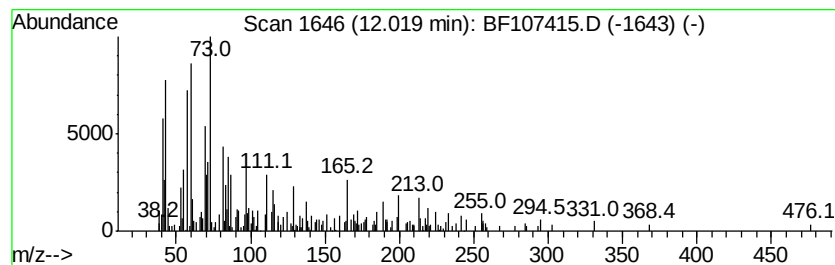
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Tridecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	3.84 ng	209135	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	50
2	n-Decanoic acid	172	C10H20O2	000334-48-5	42
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	41
4	Dodecanoic acid	200	C12H24O2	000143-07-7	38
5	Ethanone, 1-(4,5-dihydro-2-thiaz...	129	C5H7NOS	029926-41-8	35



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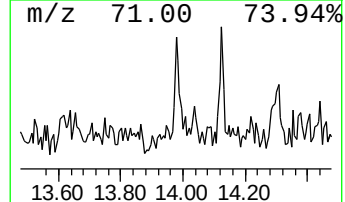
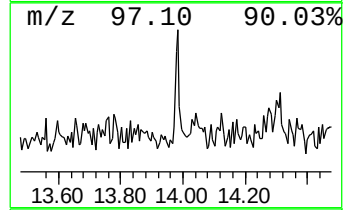
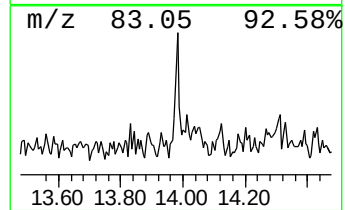
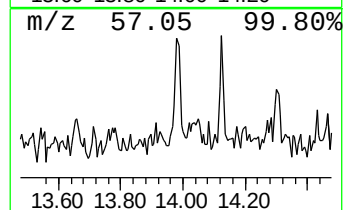
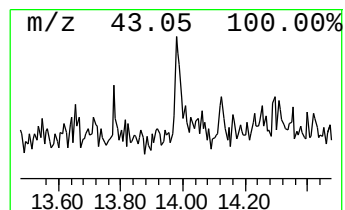
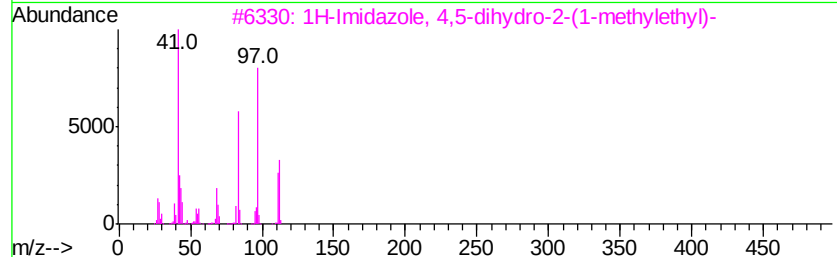
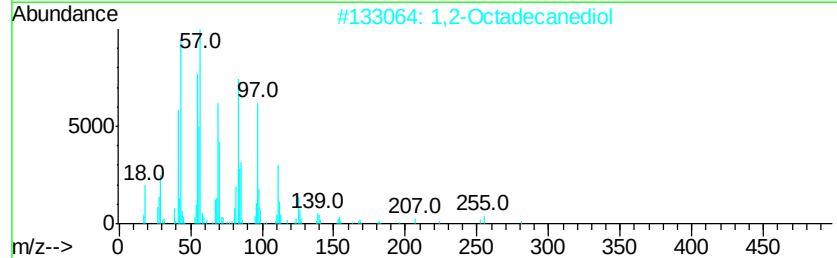
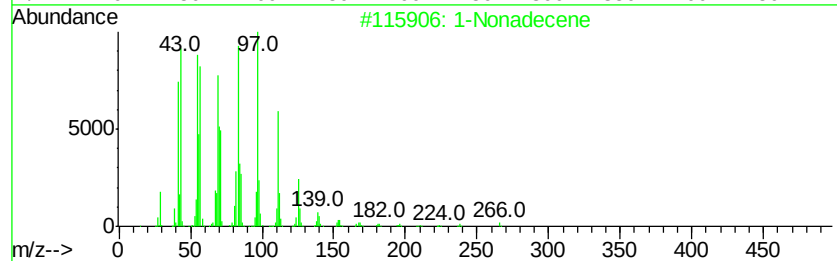
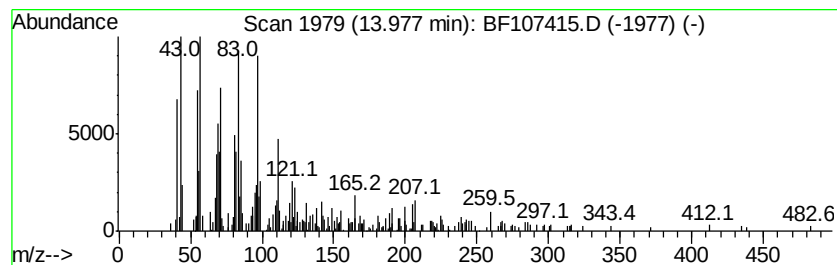
Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 1-Nonadecene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.98	5.27 ng	297142	Chrysene-d12	14.16	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	72
2	1,2-Octadecanediol	286	C18H38O2	020294-76-2	64
3	1H-Imidazole, 4,5-dihydro-2-(1-m...	112	C6H12N2	040029-86-5	60
4	Heptadecyl heptafluorobutyrat	452	C21H35F7O2	959085-66-6	49
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	49



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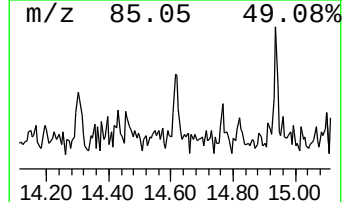
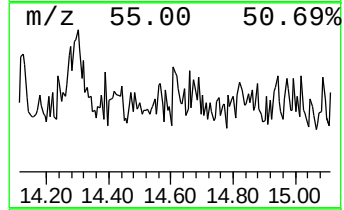
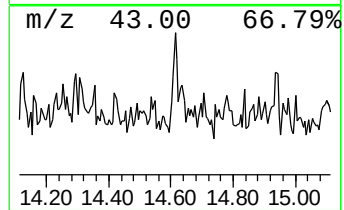
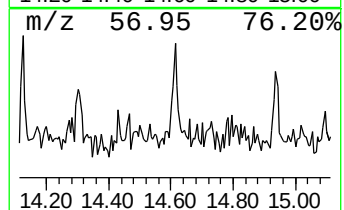
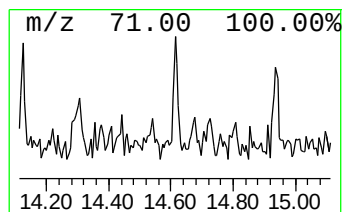
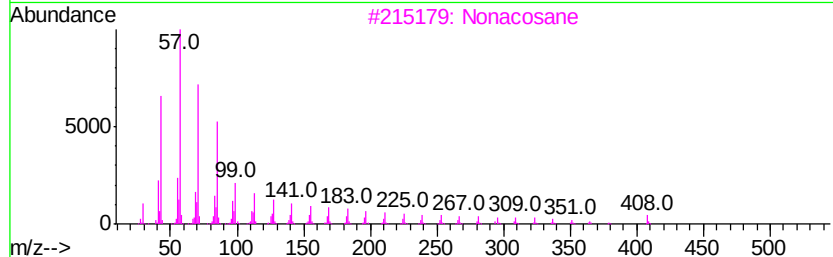
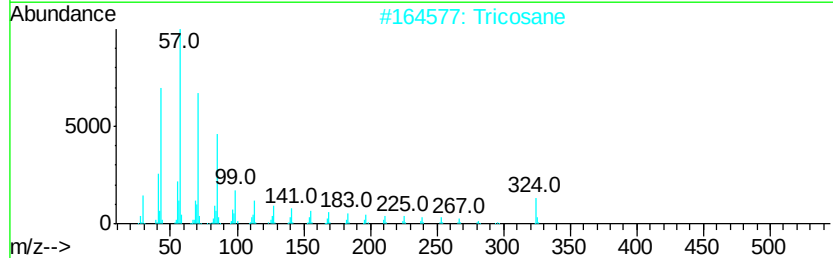
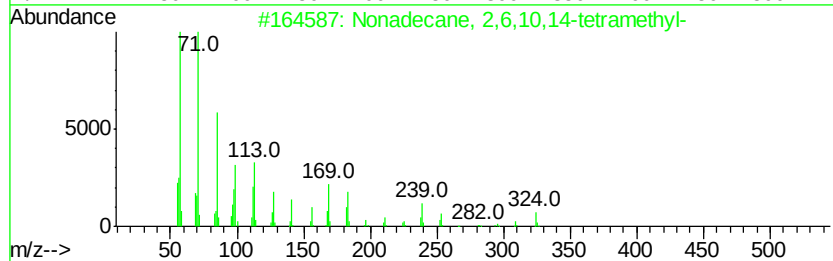
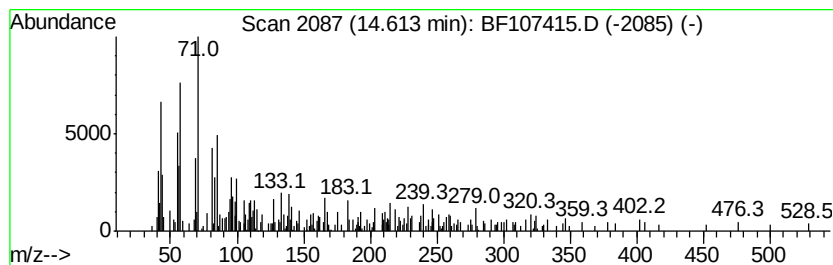
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Nonadecane, 2,6,10,14-tetra... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.61	2.66 ng	150035	Chrysene-d12	14.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane, 2,6,10,14-tetramethyl-	324	C23H48	055124-80-6	70
2		Tricosane	324	C23H48	000638-67-5	64
3		Nonacosane	408	C29H60	000630-03-5	58
4		Heptadecane, 4-methyl-	254	C18H38	026429-11-8	58
5		Oxandrolone	306	C19H30O3	000053-39-4	53



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ClientSampleId :
LS-SOIL-1

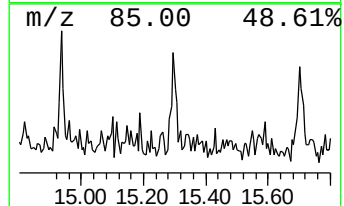
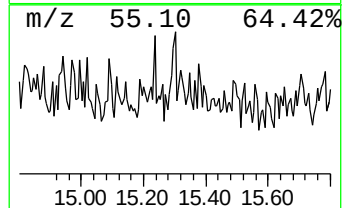
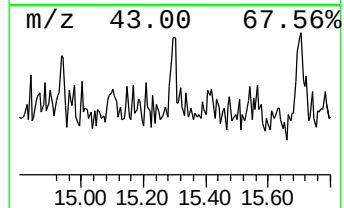
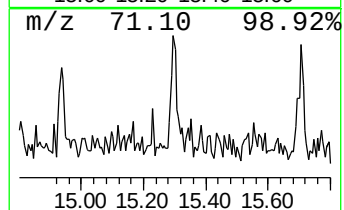
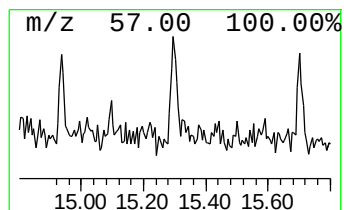
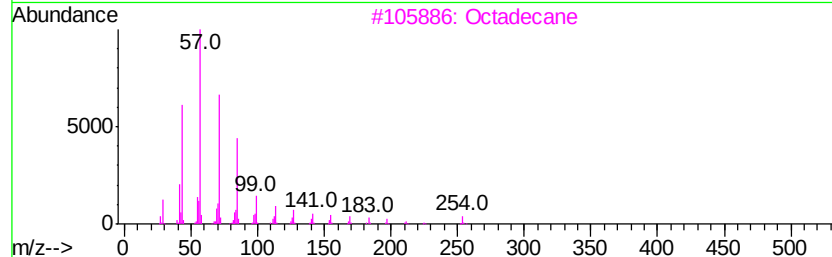
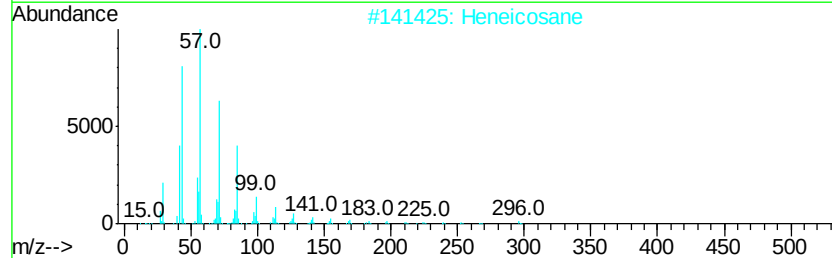
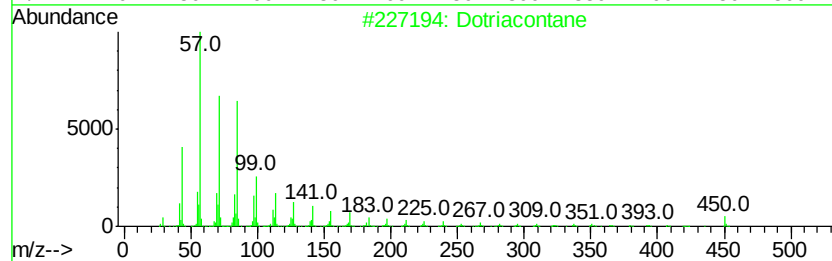
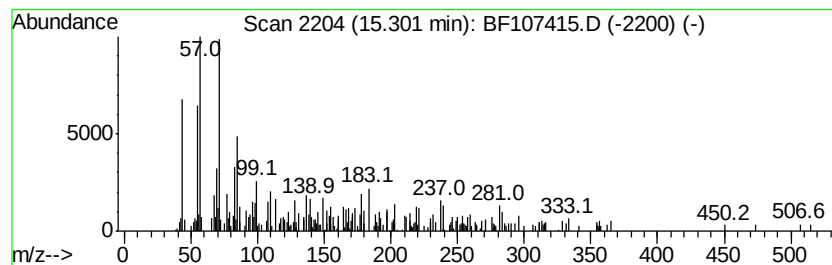
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Dotriacontane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.30	2.68 ng	175329	Perylene-d12	15.69

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dotriacontane	451	C32H66	000544-85-4	91
2		Heneicosane	296	C21H44	000629-94-7	83
3		Octadecane	254	C18H38	000593-45-3	83
4		Nonadecane	268	C19H40	000629-92-5	64
5		Heptadecane	240	C17H36	000629-78-7	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
Data File : BF107415.D
Acq On : 16 Jul 2018 21:06
Operator : JU/SJ
Sample : J3542-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

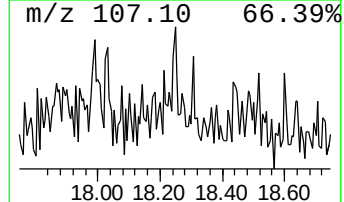
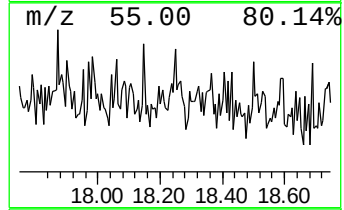
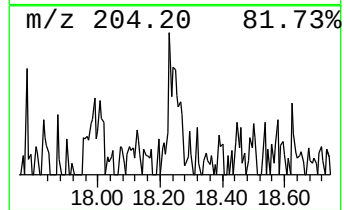
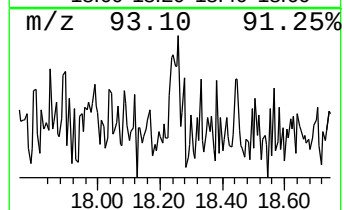
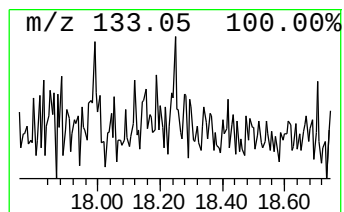
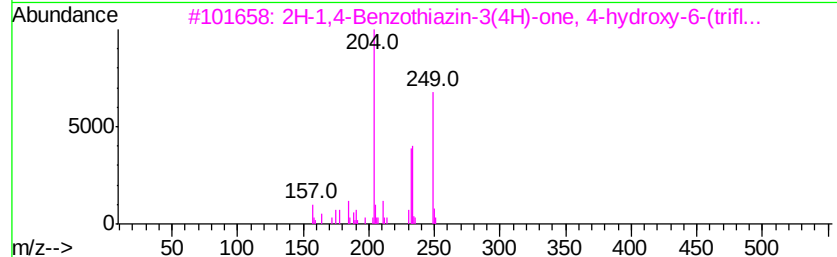
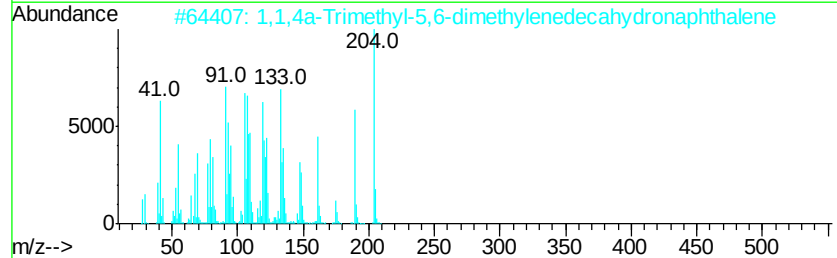
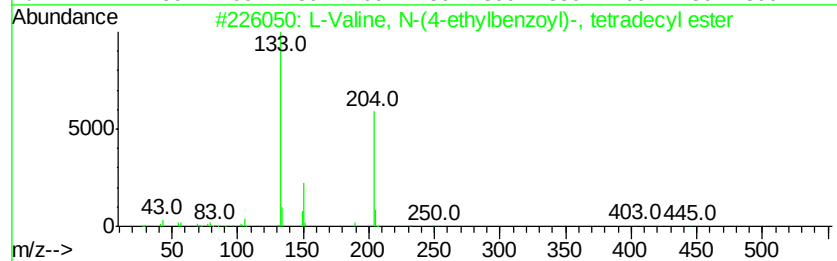
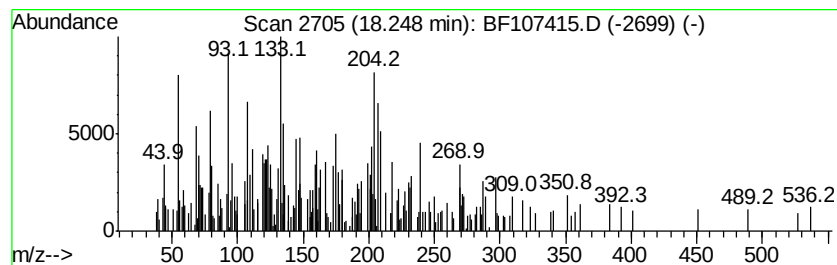
Instrument :
BNA_F
ClientSampled :
LS-SOIL-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown18.25 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.25	2.13 ng	139566	Perylene-d12	15.69	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	L-Valine, N-(4-ethylbenzovl)-, t...	445	C28H47N03	1000346-63-6	47
2	1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	35
3	2H-1,4-Benzothiazin-3(4H)-one, 4...	249	C9H6F3N02S	004875-01-8	35
4	Naphthalene, decahydro-4a-methyl...	204	C15H24	017066-67-0	30
5	3-Dimethylamino-6,6,9-trimethyl-...	287	C18H25N02	1000192-45-6	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071618\
Data File : BF107415.D
Acq On : 16 Jul 2018 21:06
Operator : JU/SJ
Sample : J3542-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LS-SOIL-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.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
unknown5.21	5.21	9.3	ng	456146	1	6.98	981581	20.0
unknown6.74	6.74	69.4	ng	3405010	1	6.98	981581	20.0
Tridecanoic acid	12.02	3.8	ng	209135	4	11.51	1088880	20.0
1-Nonadecene	13.98	5.3	ng	297142	5	14.16	1128480	20.0
Nonadecane, 2,6,1...	14.61	2.7	ng	150035	5	14.16	1128480	20.0
Dotriacontane	15.30	2.7	ng	175329	6	15.69	1308920	20.0
unknown18.25	18.25	2.1	ng	139566	6	15.69	1308920	20.0