

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111518\
 Data File : BF110804.D
 Acq On : 15 Nov 2018 22:29
 Operator : JU/SJ
 Sample : J5950-14
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSI-08

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-BF110818.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	2.240	20	26	34	rVB	109111	150089	7.13%	0.878%
2	5.187	523	527	537	rBV	53803	86978	4.13%	0.509%
3	5.563	587	591	608	rBV	2023821	2002482	95.14%	11.716%
4	6.569	757	762	782	rBV	1849811	2102001	99.87%	12.298%
5	6.710	782	786	789	rBV	2276493	2104791	100.00%	12.315%
6	6.939	822	825	832	rBV	436437	358536	17.03%	2.098%
7	7.092	847	851	865	rBV	1647045	1562287	74.23%	9.141%
8	7.504	917	921	932	rBV	1204528	1297256	61.63%	7.590%
9	7.581	932	934	945	rVB3	20255	34505	1.64%	0.202%
10	8.222	1040	1043	1058	rBV	444475	447984	21.28%	2.621%
11	9.298	1222	1226	1229	rBV	2320406	2010385	95.51%	11.762%
12	9.686	1289	1292	1300	rBV	252301	250797	11.92%	1.467%
13	9.980	1339	1342	1351	rBV2	493904	460592	21.88%	2.695%
14	10.392	1409	1412	1415	rVB	43261	31883	1.51%	0.187%
15	10.775	1474	1477	1490	rBV	1072439	1136728	54.01%	6.651%
16	10.863	1490	1492	1501	rVB	39870	44517	2.12%	0.260%
17	11.480	1593	1597	1609	rBV	382284	385178	18.30%	2.254%
18	11.980	1679	1682	1695	rBV	66458	70704	3.36%	0.414%
19	12.768	1813	1816	1826	rBV2	18841	23575	1.12%	0.138%
20	13.063	1861	1866	1869	rBV	1624188	1483828	70.50%	8.682%
21	13.933	2011	2014	2027	rBV	62261	75340	3.58%	0.441%
22	14.133	2044	2048	2057	rBV	393643	398493	18.93%	2.331%
23	14.251	2065	2068	2071	rVB	28054	23251	1.10%	0.136%
24	14.557	2117	2120	2130	rVB	37838	43209	2.05%	0.253%
25	14.874	2170	2174	2180	rBV	43527	47172	2.24%	0.276%
26	15.221	2230	2233	2238	rVB	40935	46704	2.22%	0.273%
27	15.621	2296	2301	2304	rBV	35190	50931	2.42%	0.298%
28	15.662	2304	2308	2316	rVB	192618	276103	13.12%	1.615%
29	16.074	2373	2378	2383	rVB	32379	48928	2.32%	0.286%
30	16.598	2463	2467	2473	rVB3	20629	36594	1.74%	0.214%

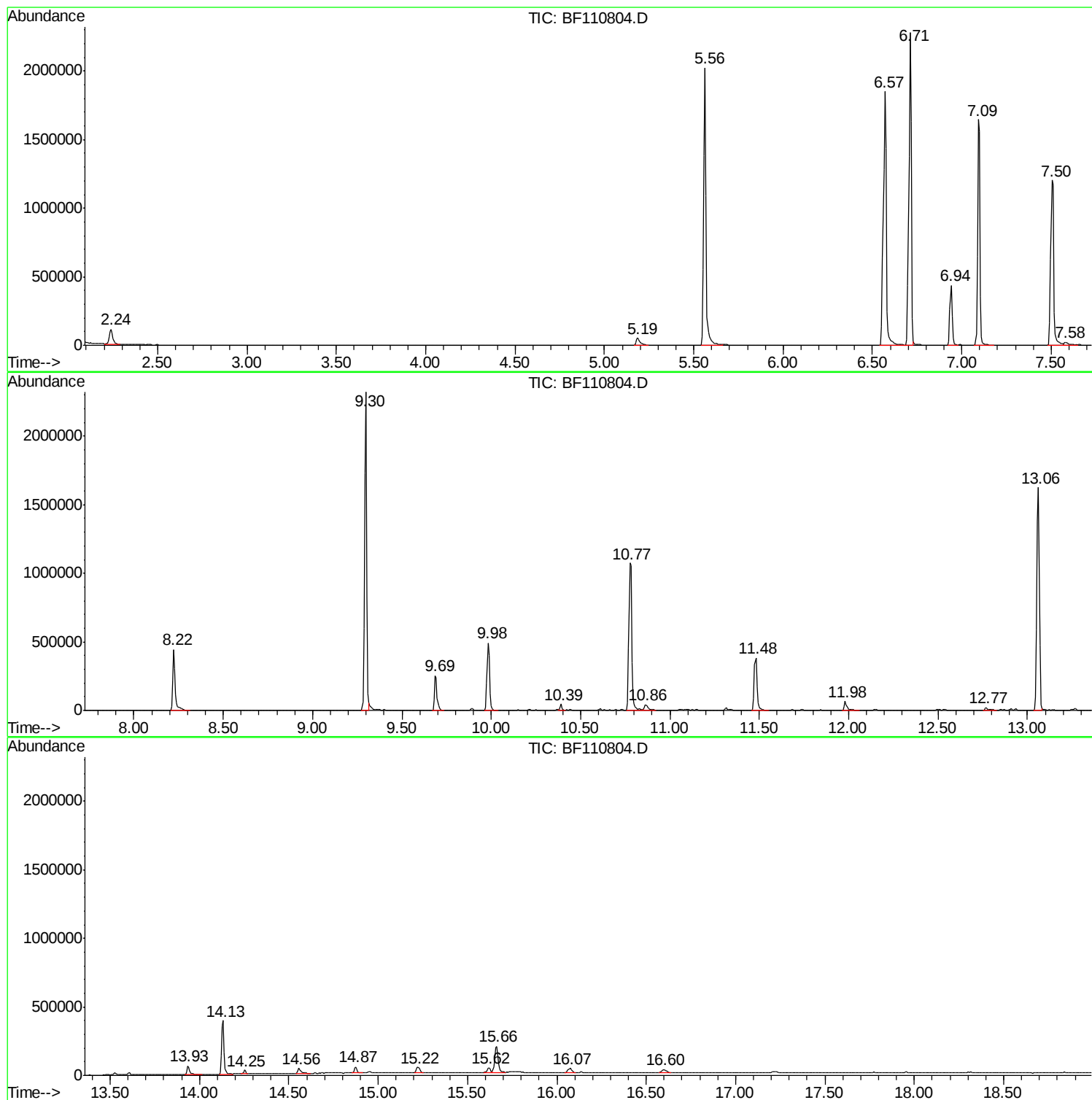
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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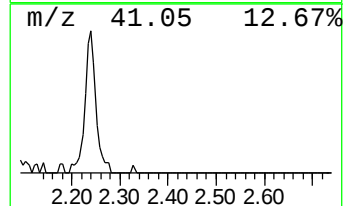
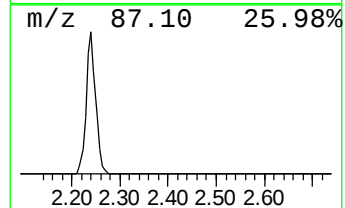
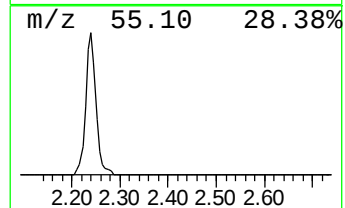
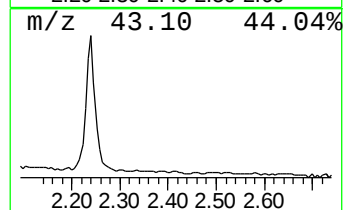
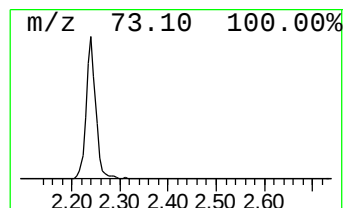
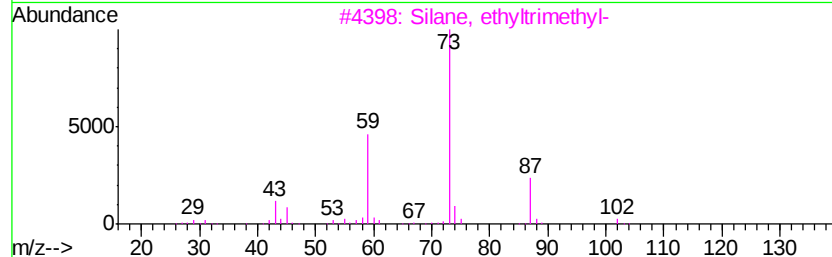
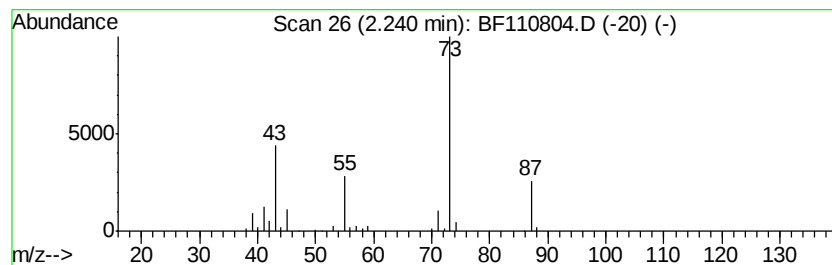
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TIC Integration Parameters: LSCINT.P

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.24	8.37 ng	150089	1,4-Dichlorobenzene-d4	6.94

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
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	12
5			Silane, tetramethyl-	88	C4H12Si	000075-76-3	12



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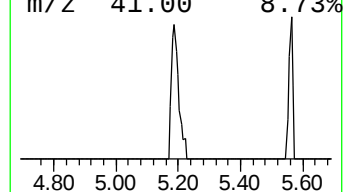
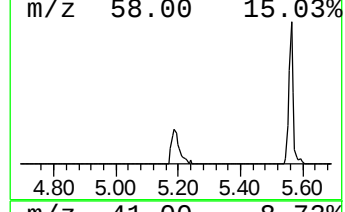
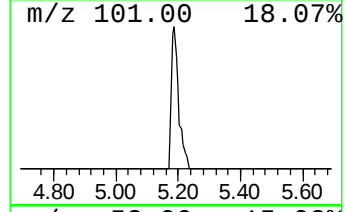
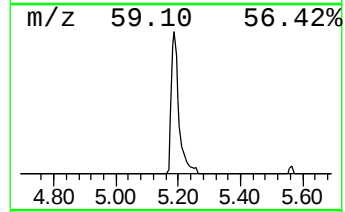
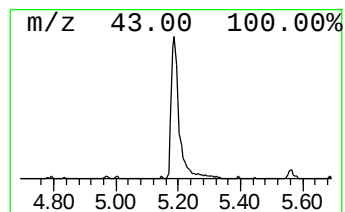
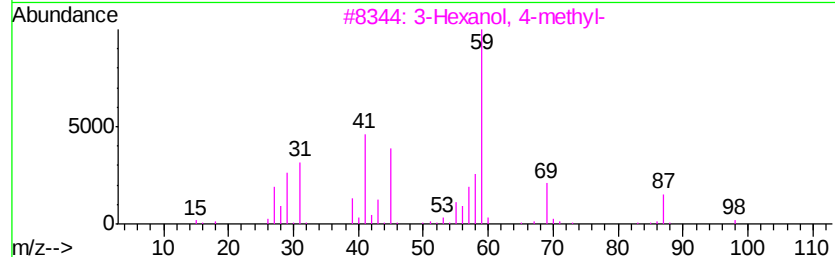
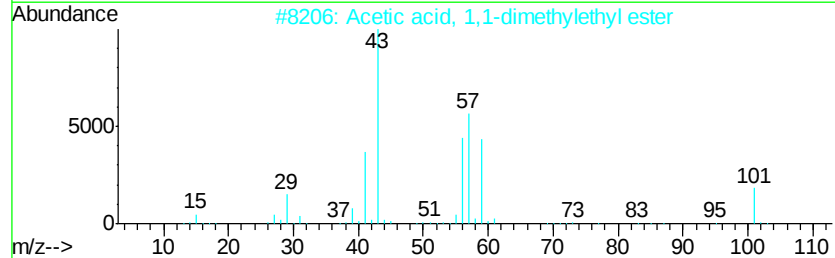
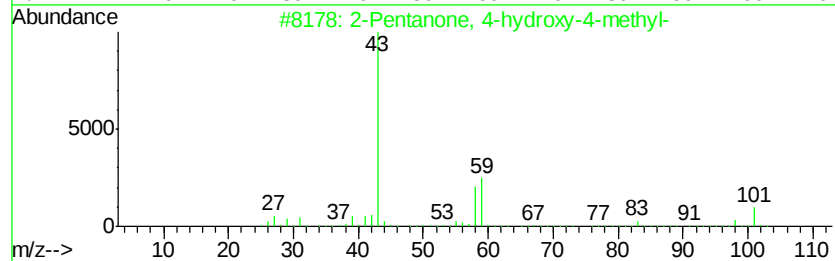
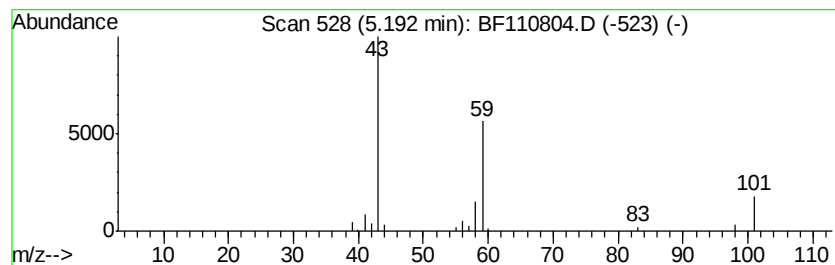
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Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	4.85 ng	86978	1,4-Dichlorobenzene-d4	6.94

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4			3-Hexanol	102	C6H14O	000623-37-0	33
5			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9



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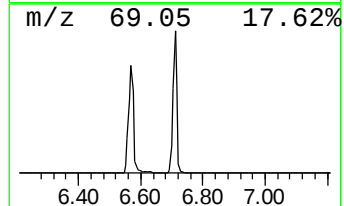
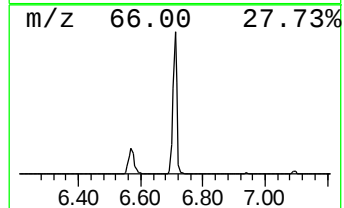
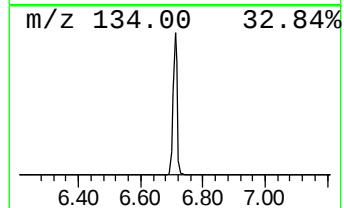
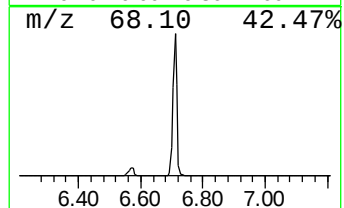
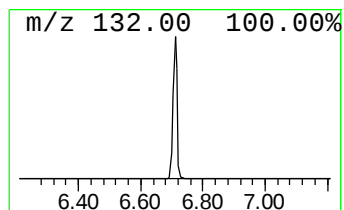
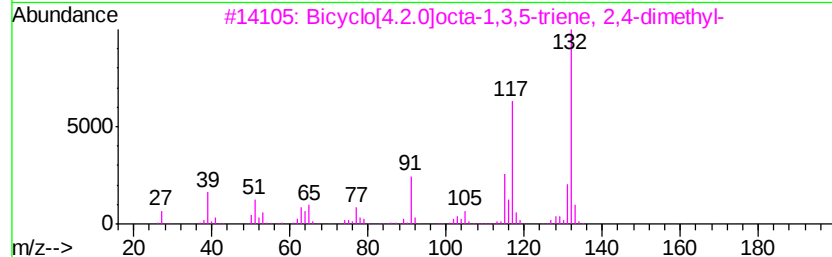
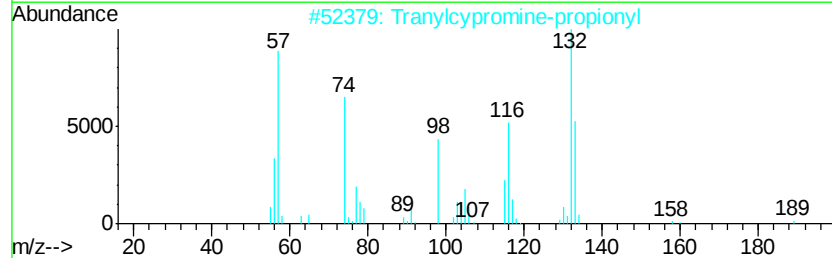
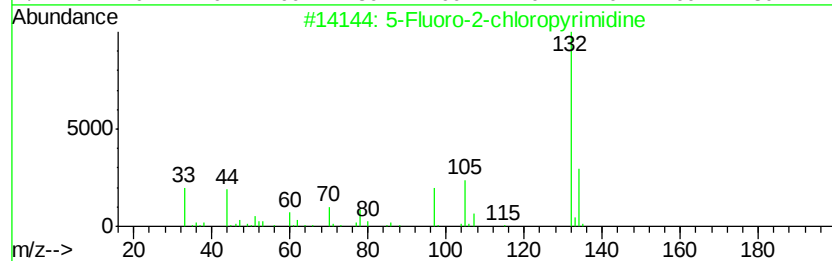
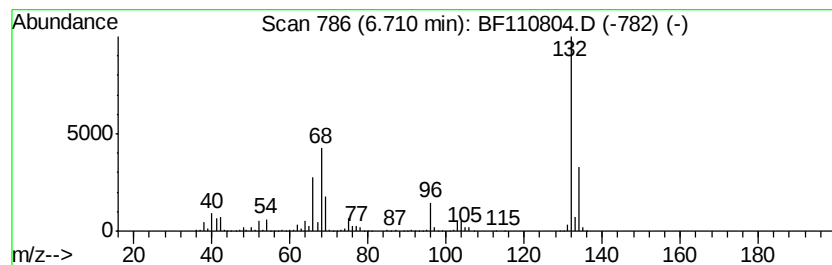
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Peak Number 3 unknown6.71 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.71	117.41 ng	2104790	1,4-Dichlorobenzene-d4	6.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5		1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9



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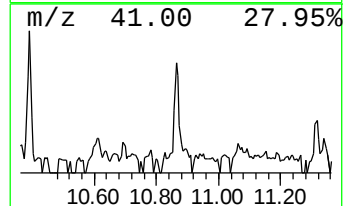
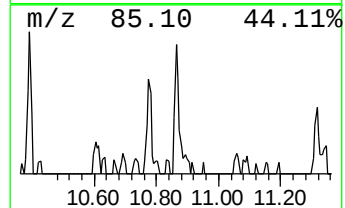
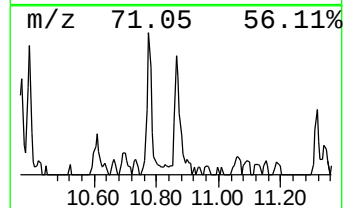
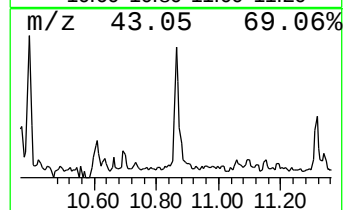
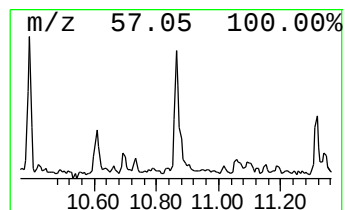
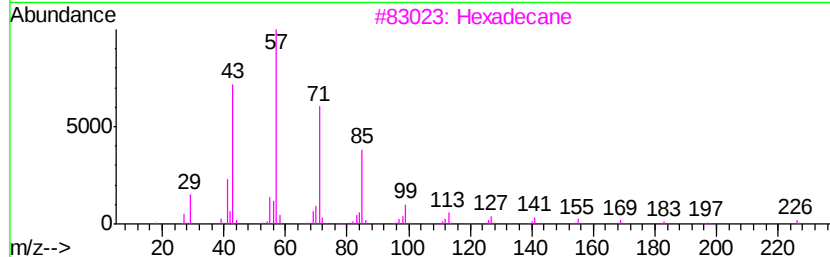
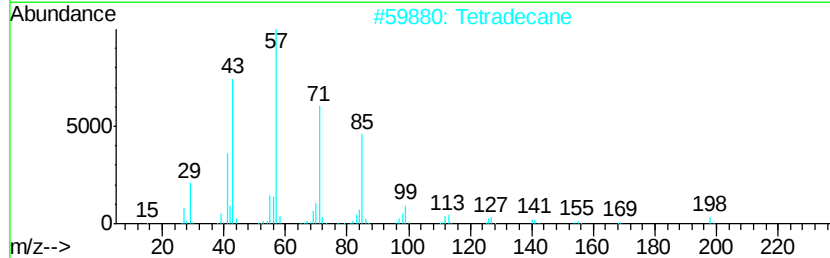
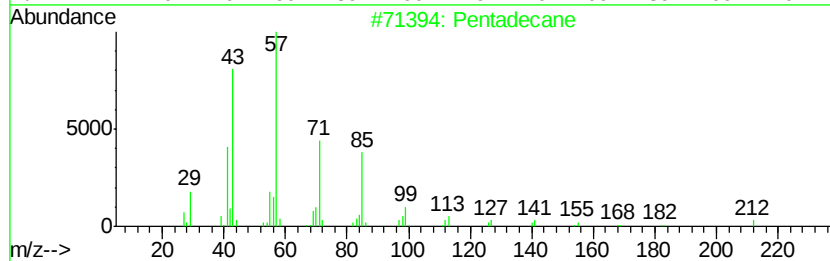
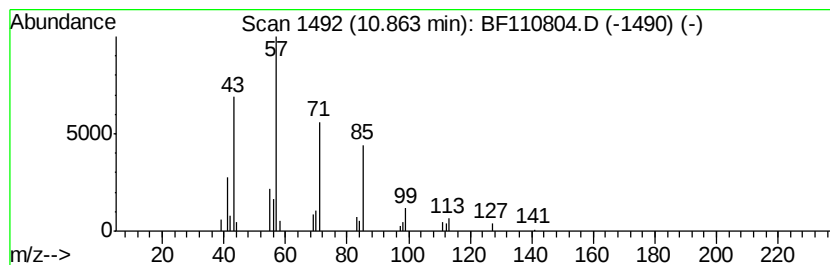
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Peak Number 5 Pentadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.86	2.31 ng	44517	Phenanthrene-d10	11.48

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane		212	C15H32	000629-62-9	90
2	Tetradecane		198	C14H30	000629-59-4	90
3	Hexadecane		226	C16H34	000544-76-3	83
4	Octadecane		254	C18H38	000593-45-3	78
5	Heptadecane		240	C17H36	000629-78-7	78



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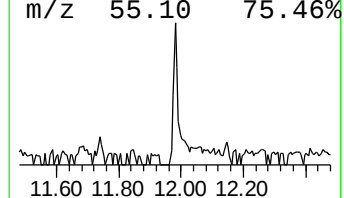
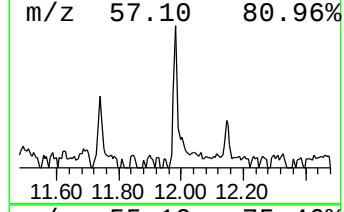
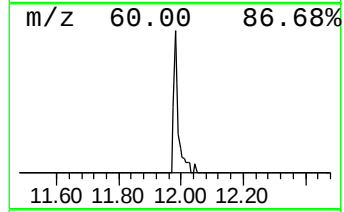
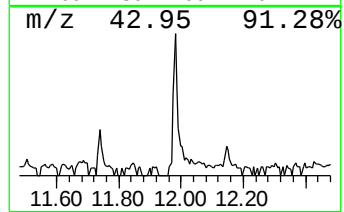
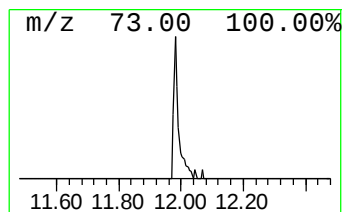
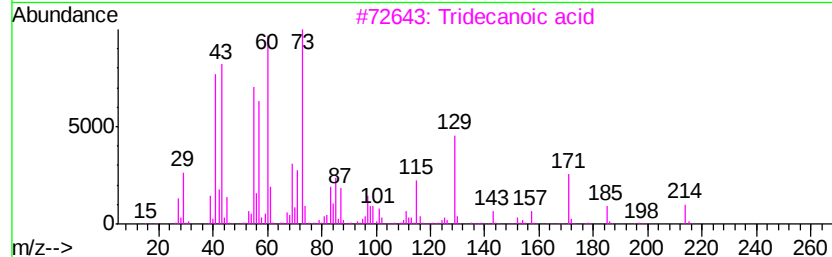
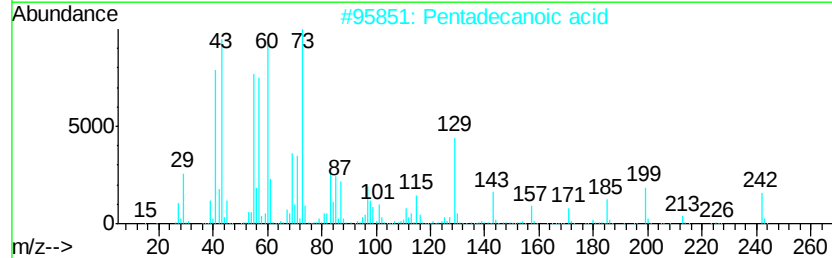
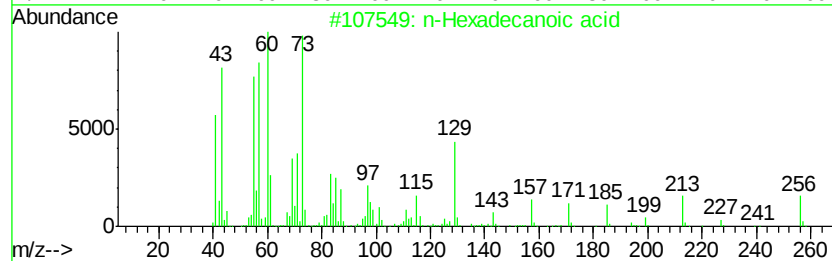
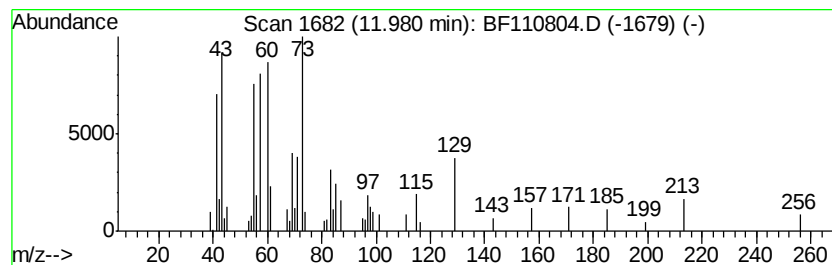
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Peak Number 6 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	3.67 ng	70704	Phenanthrene-d10	11.48

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3		Tridecanoic acid	214	C13H26O2	000638-53-9	80
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5		Dodecanoic acid	200	C12H24O2	000143-07-7	59



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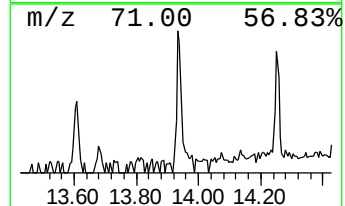
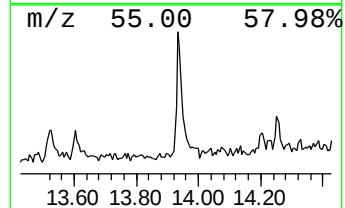
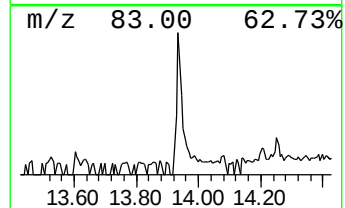
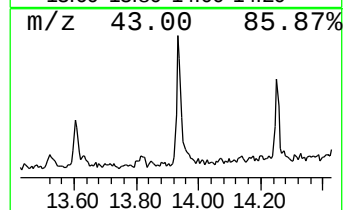
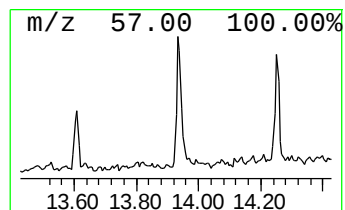
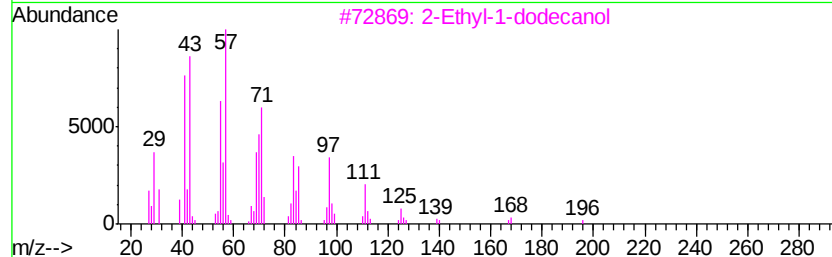
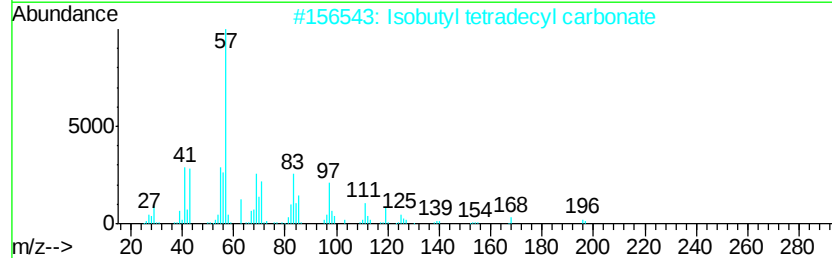
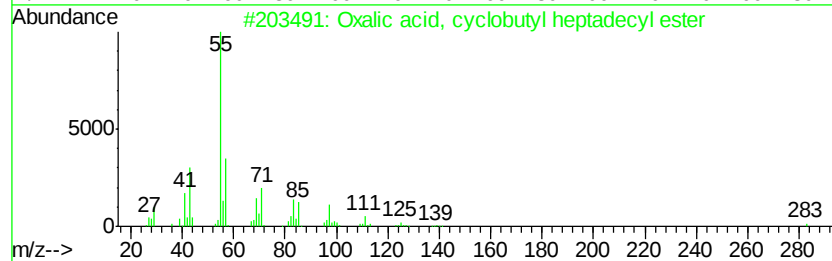
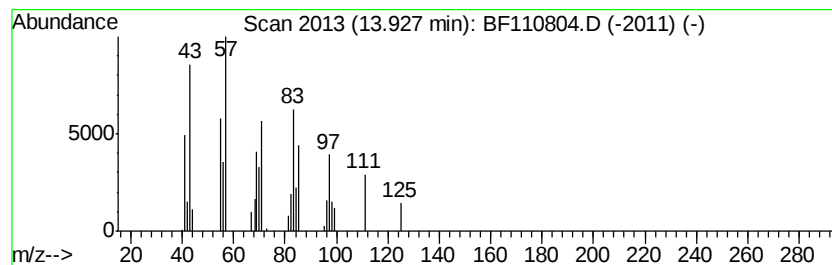
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Oxalic acid, cyclobutyl hep... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.93	3.78 ng	75340	Chrysene-d12	14.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxalic acid, cyclobutyl heptadec...	382	C23H42O4	1000309-70-7	90
2		Isobutyl tetradecyl carbonate	314	C19H38O3	959275-58-2	86
3		2-Ethyl-1-dodecanol	214	C14H30O	019780-33-7	86
4		17-Pentatriacontene	491	C35H70	006971-40-0	83
5		1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111518\
Data File : BF110804.D
Acq On : 15 Nov 2018 22:29
Operator : JU/SJ
Sample : J5950-14
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSI-08

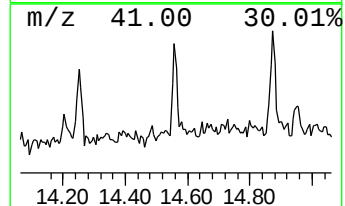
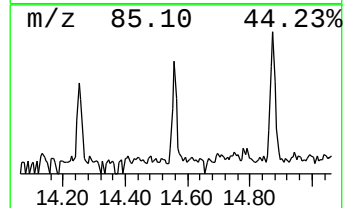
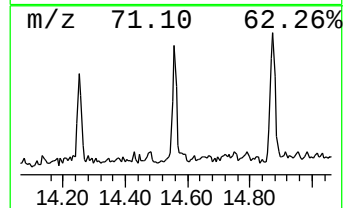
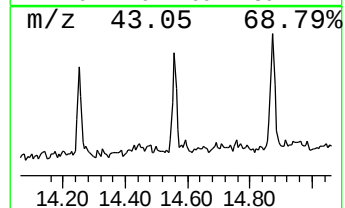
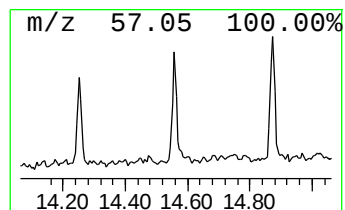
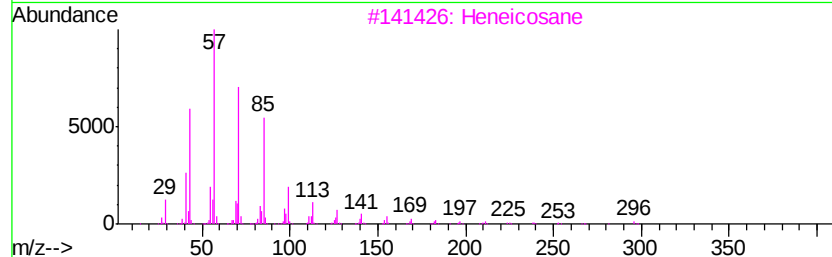
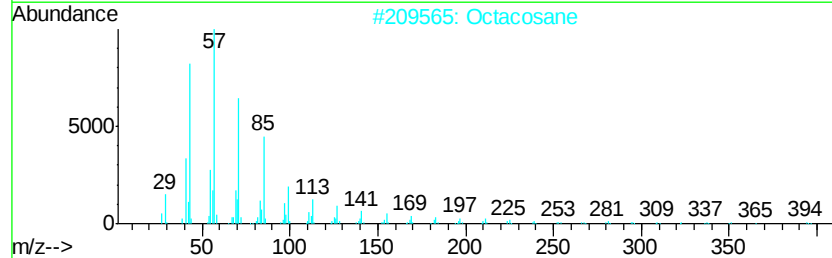
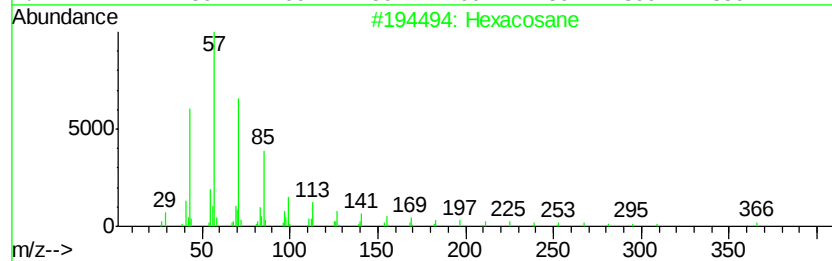
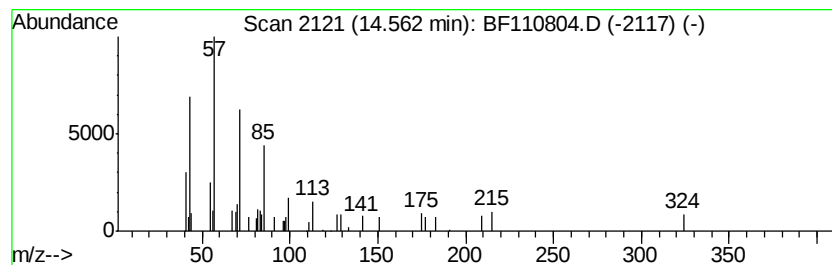
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Hexacosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.56	2.17 ng	43209	Chrysene-d12	14.13

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane		366	C26H54	000630-01-3	87
2	Octacosane		394	C28H58	000630-02-4	87
3	Heneicosane		296	C21H44	000629-94-7	87
4	Triacontane		422	C30H62	000638-68-6	86
5	Pentacosane		352	C25H52	000629-99-2	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111518\
Data File : BF110804.D
Acq On : 15 Nov 2018 22:29
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Sample : J5950-14
Misc :
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Instrument :
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ClientSampleId :
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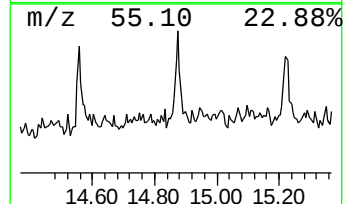
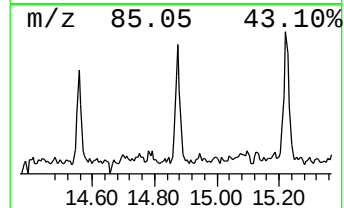
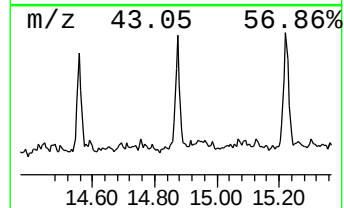
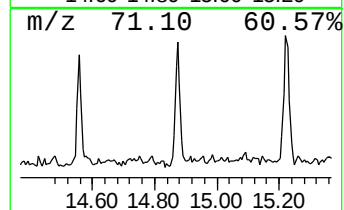
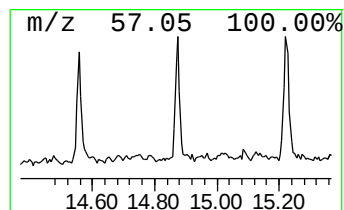
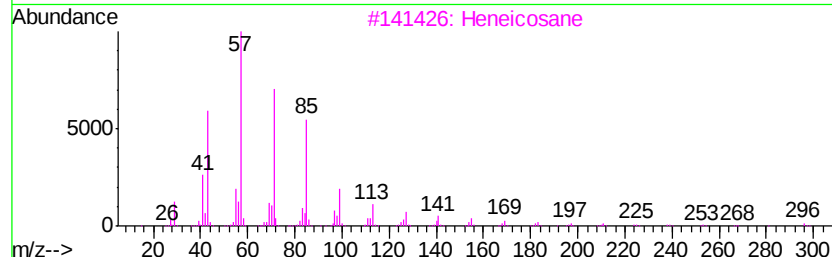
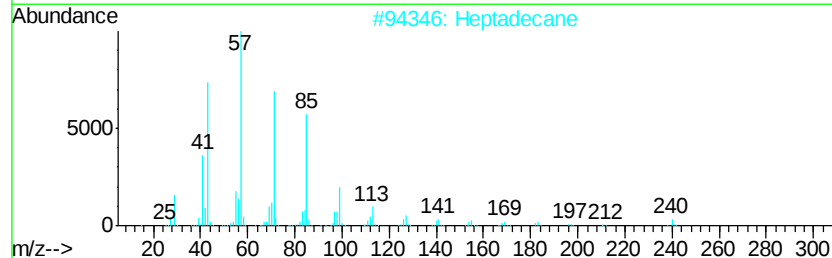
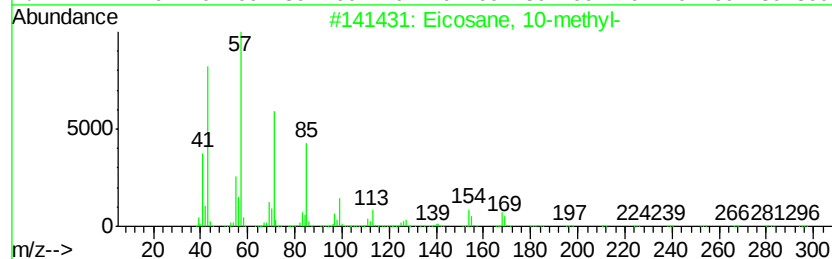
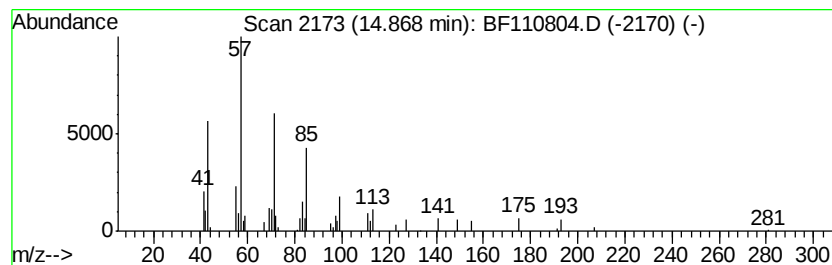
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Eicosane, 10-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	2.37 ng	47172	Chrysene-d12	14.13

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-	296	C21H44	054833-23-7	87	
2	Heptadecane	240	C17H36	000629-78-7	87	
3	Heneicosane	296	C21H44	000629-94-7	87	
4	Octadecane	254	C18H38	000593-45-3	87	
5	Hexacosane	366	C26H54	000630-01-3	87	



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111518\
Data File : BF110804.D
Acq On : 15 Nov 2018 22:29
Operator : JU/SJ
Sample : J5950-14
Misc :
ALS Vial : 22 Sample Multiplier: 1

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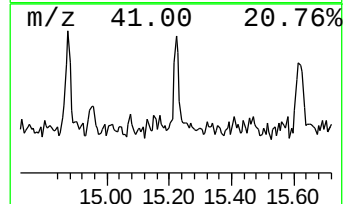
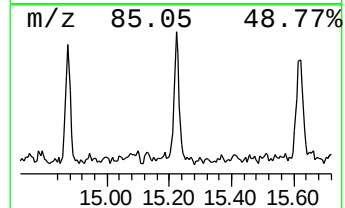
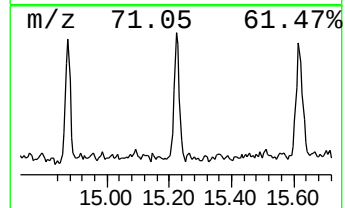
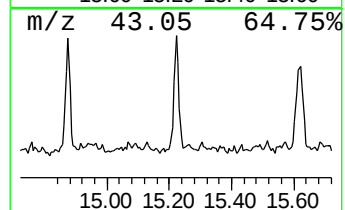
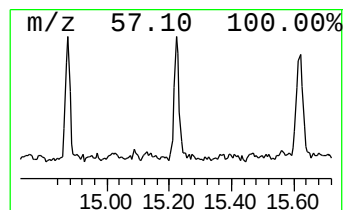
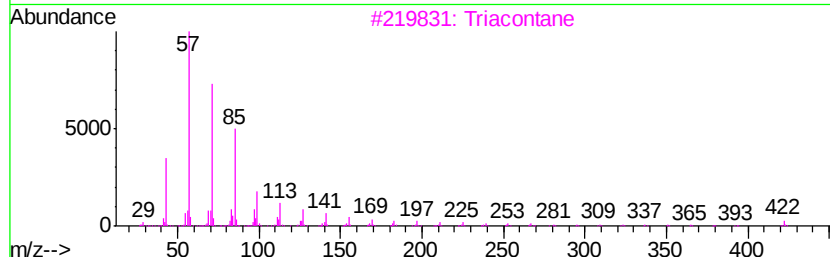
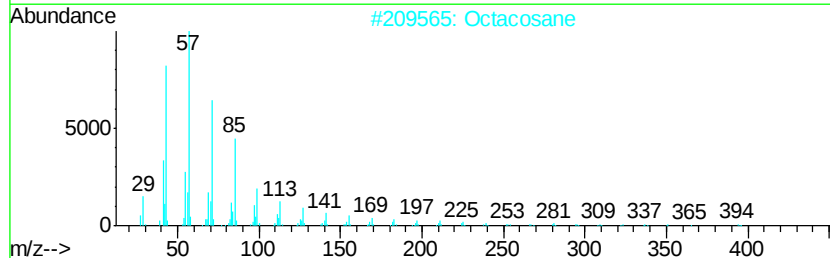
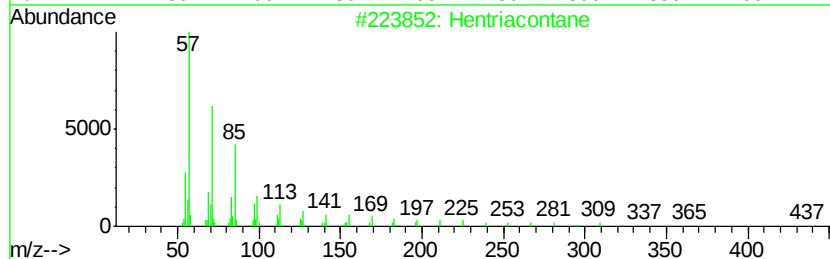
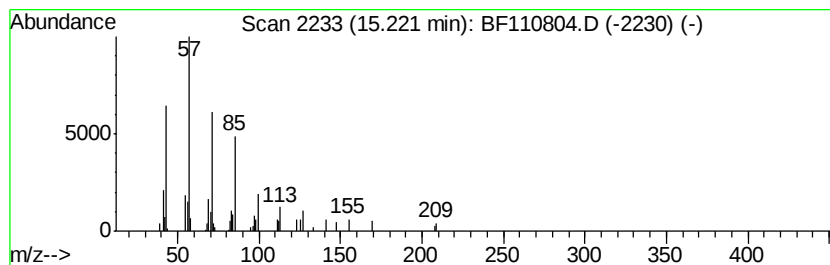
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Hentriacontane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.22	3.38 ng	46704	Perylene-d12	15.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hentriacontane	437	C31H64	000630-04-6	91
2		Octacosane	394	C28H58	000630-02-4	91
3		Triacosane	422	C30H62	000638-68-6	91
4		Hexacosane	366	C26H54	000630-01-3	91
5		Pentacosane	352	C25H52	000629-99-2	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111518\
Data File : BF110804.D
Acq On : 15 Nov 2018 22:29
Operator : JU/SJ
Sample : J5950-14
Misc :
ALS Vial : 22 Sample Multiplier: 1

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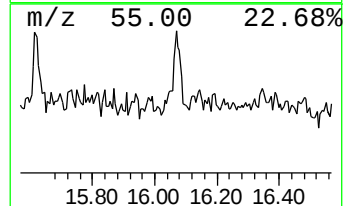
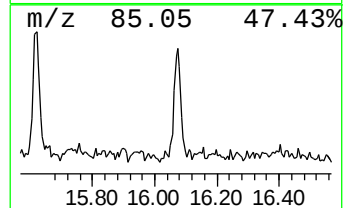
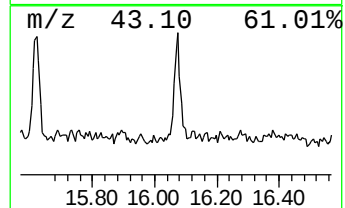
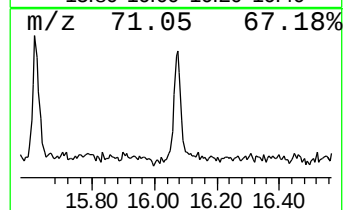
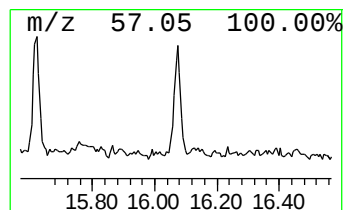
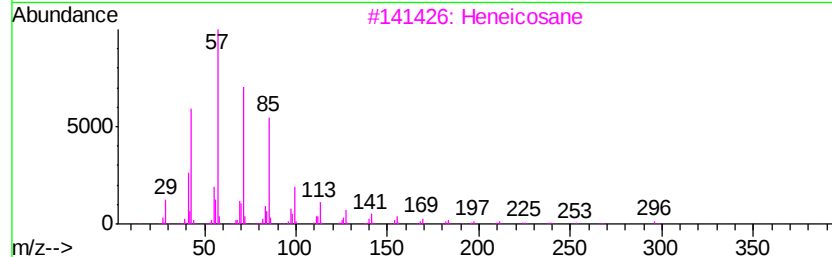
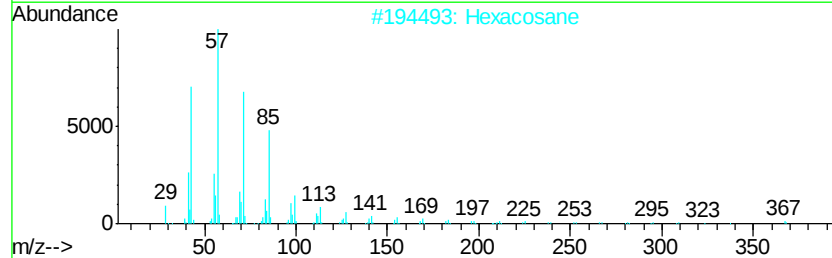
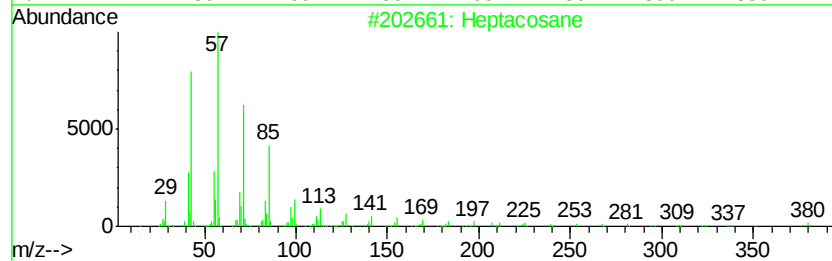
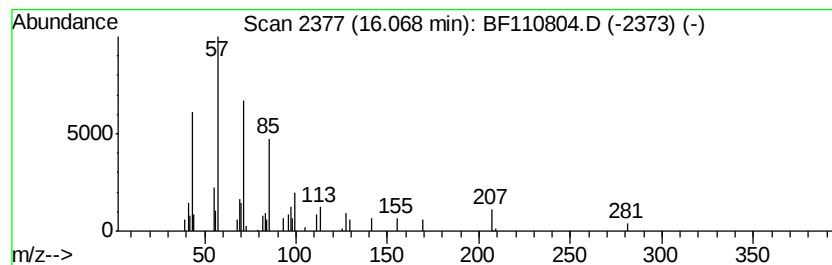
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Heptacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.07	3.54 ng	48928	Perylene-d12	15.66

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane		380	C27H56	000593-49-7	87
2	Hexacosane		366	C26H54	000630-01-3	87
3	Heneicosane		296	C21H44	000629-94-7	87
4	Heptadecane		240	C17H36	000629-78-7	86
5	Heneicosane, 11-(1-ethylpropyl)-		366	C26H54	055282-11-6	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111518\
Data File : BF110804.D
Acq On : 15 Nov 2018 22:29
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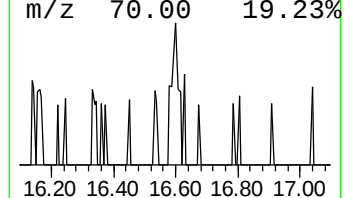
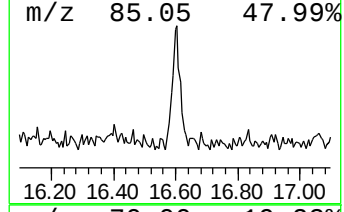
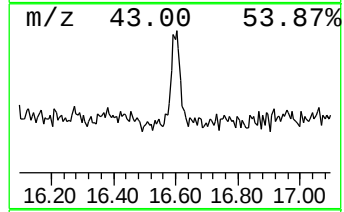
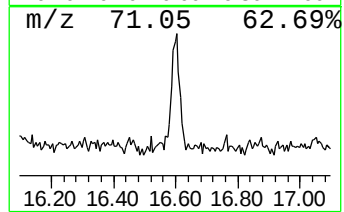
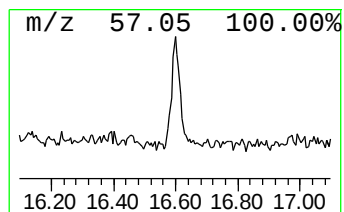
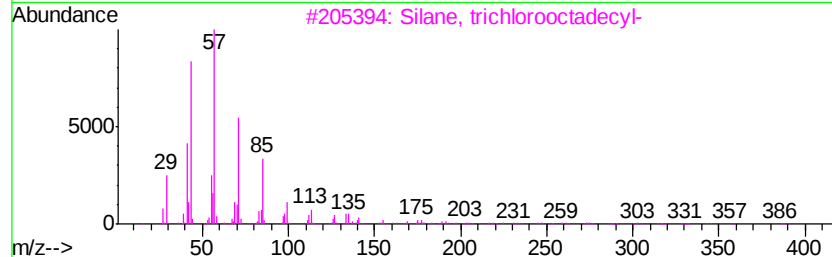
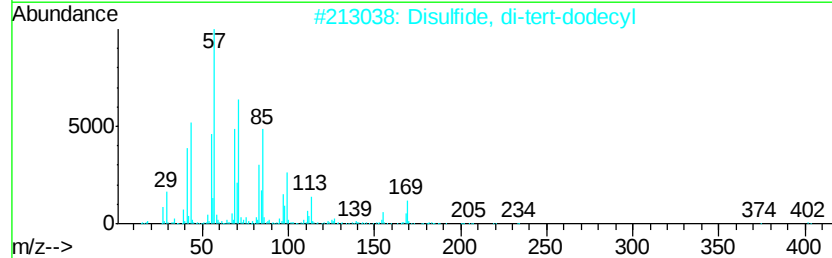
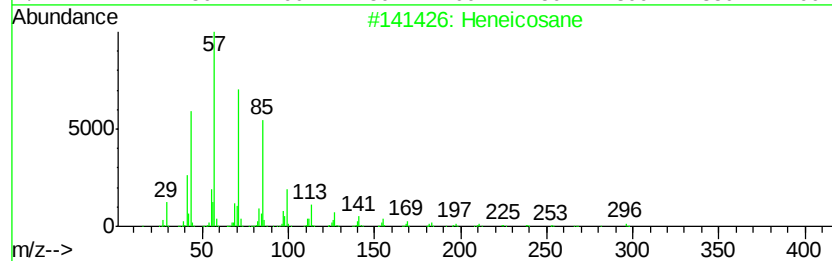
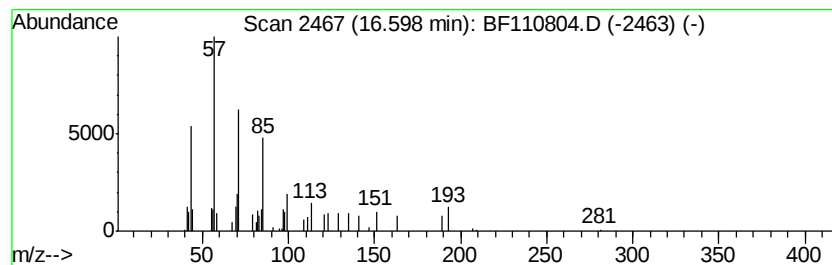
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.60	2.65 ng	36594	Perylene-d12	15.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	58
2		Disulfide, di-tert-dodecyl	402	C24H50S2	027458-90-8	58
3		Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	53
4		Hexacosane	366	C26H54	000630-01-3	53
5		Heptadecane	240	C17H36	000629-78-7	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111518\
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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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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
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2-Pentanone, 4-hy...	5.19	4.8	ng	86978	1	6.94	358536	20.0
unknown6.71	6.71	117.4	ng	2104790	1	6.94	358536	20.0
Pentadecane	10.86	2.3	ng	44517	4	11.48	385178	20.0
n-Hexadecanoic acid	11.98	3.7	ng	70704	4	11.48	385178	20.0
Oxalic acid, cycl...	13.93	3.8	ng	75340	5	14.13	398493	20.0
Hexacosane	14.56	2.2	ng	43209	5	14.13	398493	20.0
Eicosane, 10-methyl-	14.87	2.4	ng	47172	5	14.13	398493	20.0
Hentriacontane	15.22	3.4	ng	46704	6	15.66	276103	20.0
Heptacosane	16.07	3.5	ng	48928	6	15.66	276103	20.0
Heneicosane	16.60	2.6	ng	36594	6	15.66	276103	20.0