

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070216\
 Data File : BF088629.D
 Acq On : 2 Jul 2016 21:02
 Operator : UM/SJ
 Sample : H3847-13
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 R5-B2(0-6)C

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-BF063016.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	1.861	22	24	31	rVV	48415	75223	3.92%	0.354%
2	1.975	31	34	45	rVB	29751	44442	2.32%	0.209%
3	2.993	122	123	139	rBV3	10446	39545	2.06%	0.186%
4	4.947	291	294	301	rBV	90231	136153	7.10%	0.641%
5	5.381	329	332	335	rBV	1786287	1662688	86.74%	7.829%
6	6.421	421	423	426	rVB	1567402	1659252	86.56%	7.813%
7	6.559	432	435	437	rBV	2100226	1859918	97.03%	8.758%
8	6.787	453	455	457	rBV	496629	667093	34.80%	3.141%
9	6.947	467	469	472	rVB	1652799	1415784	73.86%	6.666%
10	7.359	502	505	507	rBV	1256962	1292531	67.43%	6.086%
11	8.079	566	568	570	rBV	1124439	913932	47.68%	4.303%
12	9.153	660	662	665	rBV	2077519	1916902	100.00%	9.026%
13	9.553	695	697	699	rBV	280695	295497	15.42%	1.391%
14	9.770	715	716	719	rBV	27568	26805	1.40%	0.126%
15	9.828	719	721	723	rVV	987315	844714	44.07%	3.977%
16	10.273	758	760	762	rVB	44445	33273	1.74%	0.157%
17	10.490	775	779	782	rBV	16838	29002	1.51%	0.137%
18	10.616	787	790	792	rBV	774449	904875	47.21%	4.261%
19	10.742	799	801	805	rVB	48222	58799	3.07%	0.277%
20	11.188	838	840	846	rVB	65300	95907	5.00%	0.452%
21	11.302	848	850	854	rVV2	560335	710420	37.06%	3.345%
22	11.382	854	857	858	rVB2	45220	55795	2.91%	0.263%
23	11.531	869	870	876	rVV5	17435	33335	1.74%	0.157%
24	11.622	876	878	881	rVB	33345	52669	2.75%	0.248%
25	11.805	892	894	896	rBV	149865	182283	9.51%	0.858%
26	11.839	896	897	899	rVV	60318	69228	3.61%	0.326%
27	11.919	902	904	907	rVV3	30547	49746	2.60%	0.234%
28	12.022	911	913	917	rVV	75478	104021	5.43%	0.490%
29	12.125	918	922	925	rVB3	22329	50349	2.63%	0.237%
30	12.354	940	942	944	rBV	25061	22311	1.16%	0.105%
31	12.411	944	947	948	rBV3	19082	24261	1.27%	0.114%
32	12.434	948	949	953	rBV3	18484	21343	1.11%	0.100%
33	12.514	953	956	958	rBV	243461	225607	11.77%	1.062%
34	12.582	958	962	963	rBV4	10146	23727	1.24%	0.112%

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Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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35	12.742	973	976	977	rBV	169555	235803	12.30%	1.110%
36	12.788	977	980	983	rVB4	16864	40491	2.11%	0.191%
37	12.891	987	989	991	rVV	1554159	1366992	71.31%	6.437%
38	12.959	991	995	999	rVB3	29171	46395	2.42%	0.218%
39	13.062	999	1004	1006	rBV3	36105	101074	5.27%	0.476%
40	13.108	1006	1008	1009	rBV2	17268	26207	1.37%	0.123%
41	13.131	1009	1010	1012	rVB	32990	32156	1.68%	0.151%
42	13.165	1012	1013	1017	rBV2	34950	65866	3.44%	0.310%
43	13.256	1017	1021	1023	rBV2	27707	61272	3.20%	0.289%
44	13.291	1023	1024	1027	rVV	27892	30959	1.62%	0.146%
45	13.565	1046	1048	1053	rVB	30480	54610	2.85%	0.257%
46	13.679	1056	1058	1060	rBV2	38476	69813	3.64%	0.329%
47	13.714	1060	1061	1062	rVV	30354	27917	1.46%	0.131%
48	13.794	1066	1068	1072	rVB3	96943	148177	7.73%	0.698%
49	13.931	1077	1080	1086	rVV2	794489	1045484	54.54%	4.923%
50	14.319	1112	1114	1116	rBV	46941	51740	2.70%	0.244%
51	14.354	1116	1117	1119	rBV	37940	34039	1.78%	0.160%
52	14.434	1122	1124	1129	rVV2	69317	158880	8.29%	0.748%
53	14.857	1158	1161	1163	rBV	176971	186132	9.71%	0.876%
54	14.937	1166	1168	1173	rBV	149834	292228	15.24%	1.376%
55	15.062	1175	1179	1182	rVV2	140714	324385	16.92%	1.527%
56	15.222	1191	1193	1195	rVB	84882	117202	6.11%	0.552%
57	15.268	1195	1197	1200	rBV	83601	114961	6.00%	0.541%
58	15.337	1200	1203	1206	rVV	395139	495061	25.83%	2.331%
59	15.577	1222	1224	1227	rVB2	53400	76032	3.97%	0.358%
60	15.794	1240	1243	1245	rBV	114157	189876	9.91%	0.894%
61	15.840	1245	1247	1251	rVB2	67682	135129	7.05%	0.636%
62	17.074	1353	1355	1361	rVB	53514	111677	5.83%	0.526%

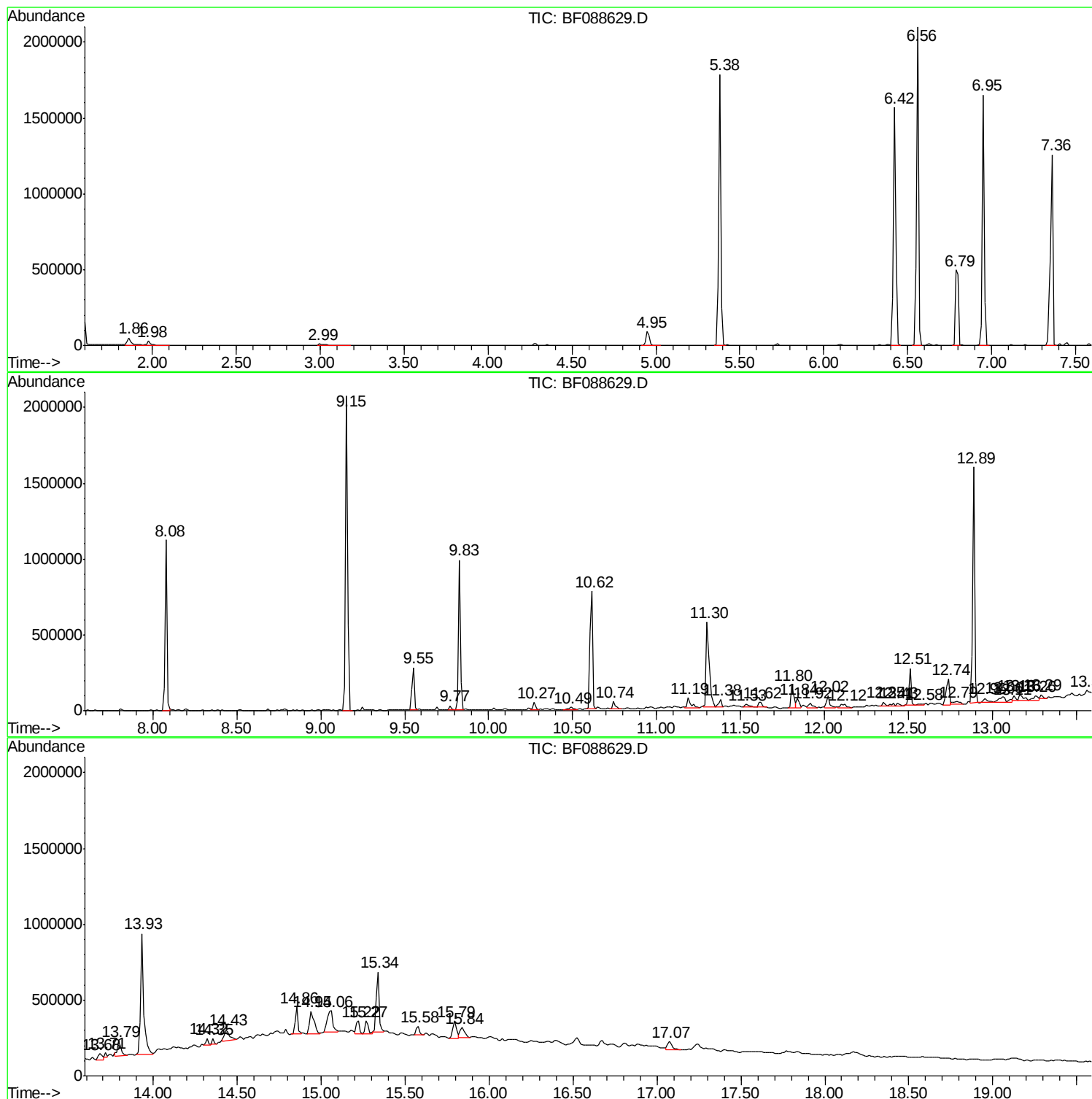
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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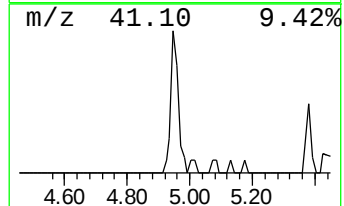
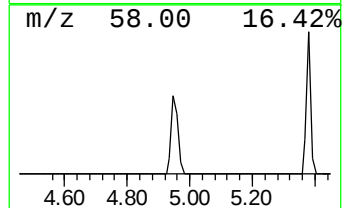
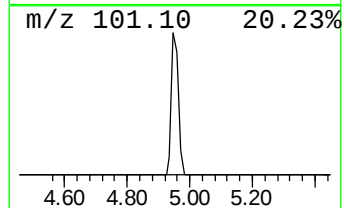
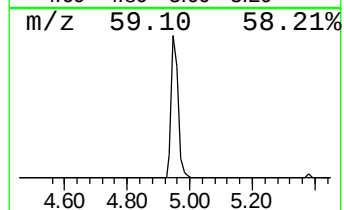
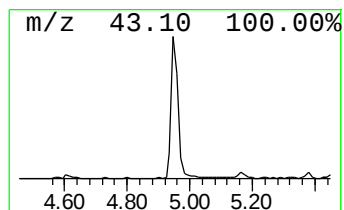
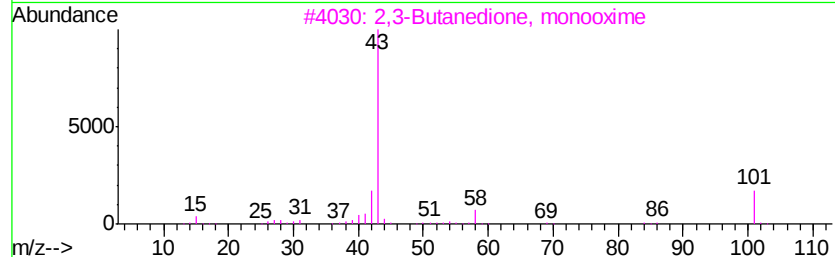
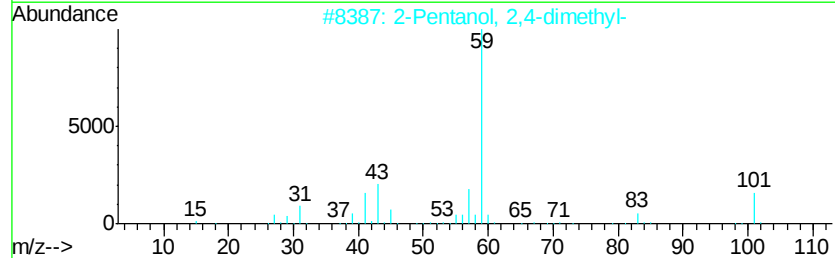
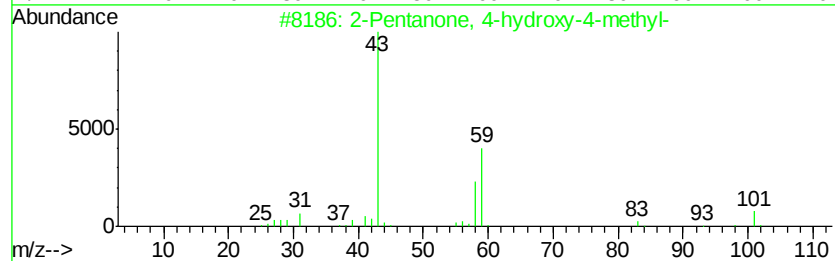
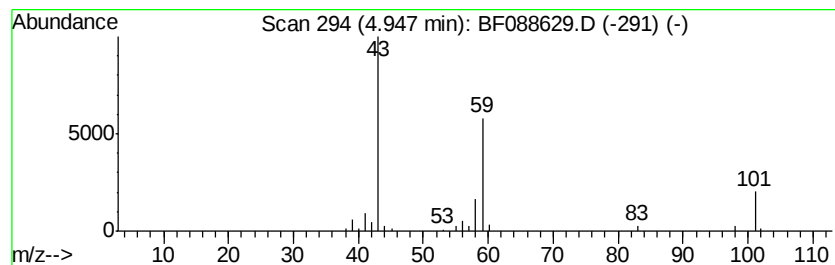
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown4.95 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.95	4.08 ng	136153	1,4-Dichlorobenzene-d4	6.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
2		2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	25
3		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
4		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5		5-Hexen-2-one	98	C6H10O	000109-49-9	9



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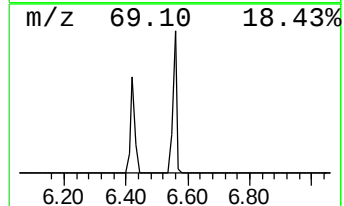
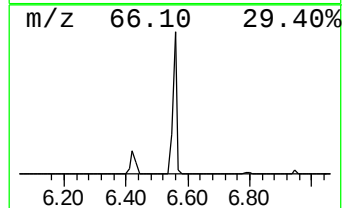
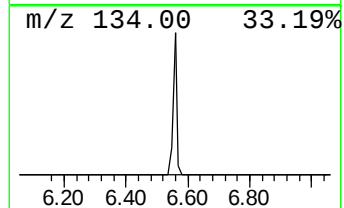
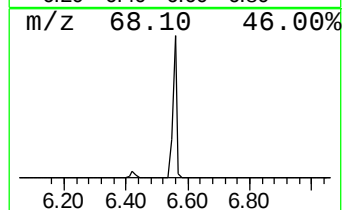
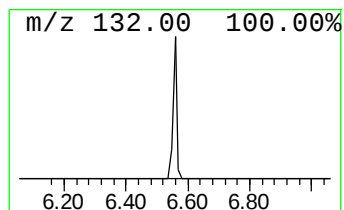
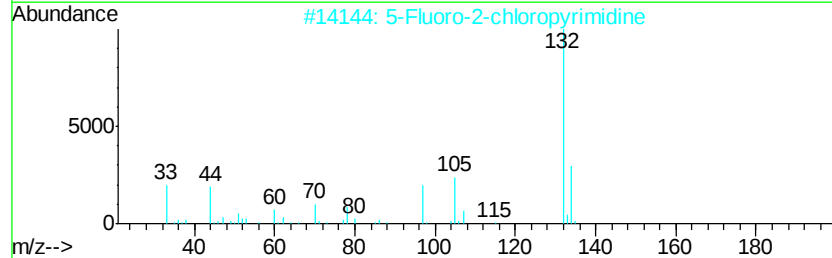
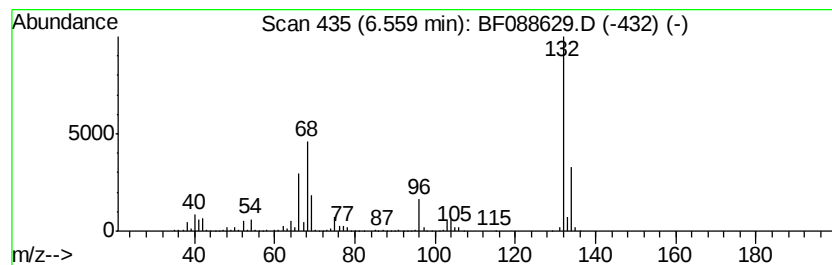
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 unknown6.56 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	55.76 ng	1859920	1,4-Dichlorobenzene-d4	6.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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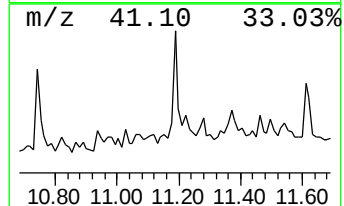
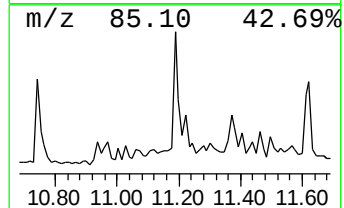
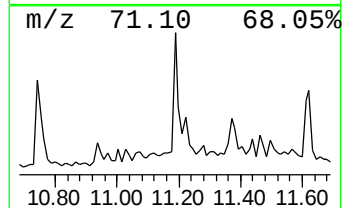
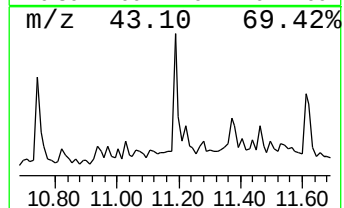
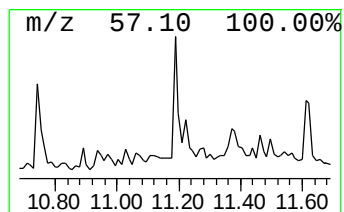
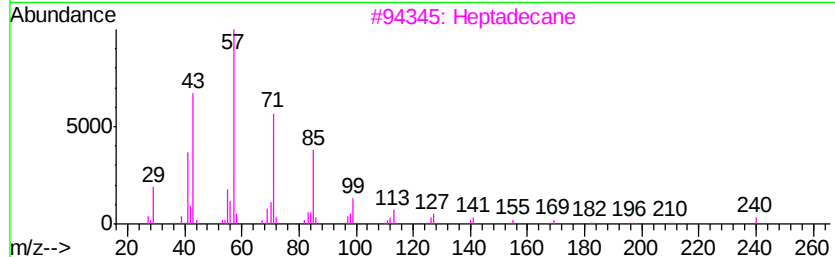
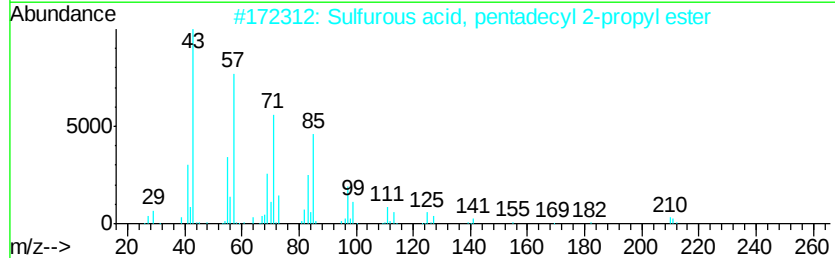
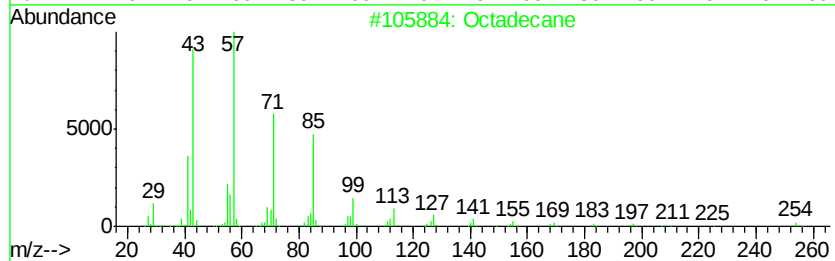
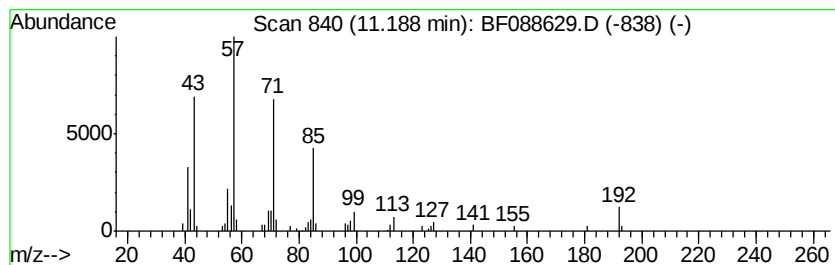
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TIC Library : C:\Database\NIST11.L
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Peak Number 5 Octadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.19	2.70 ng	95907	Phenanthrene-d10	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	86
2		Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	86
3		Heptadecane	240	C17H36	000629-78-7	86
4		Hexadecane	226	C16H34	000544-76-3	86
5		Octacosane	394	C28H58	000630-02-4	83



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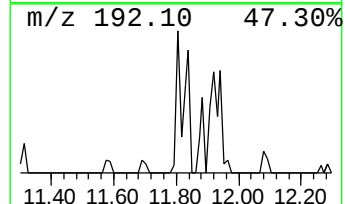
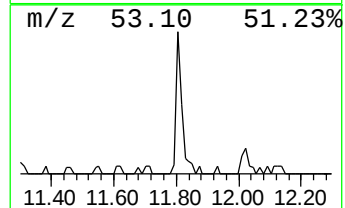
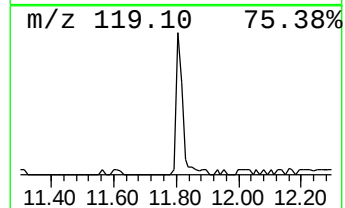
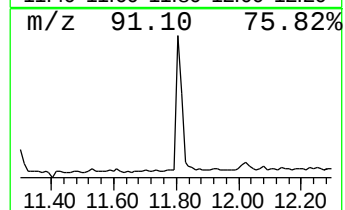
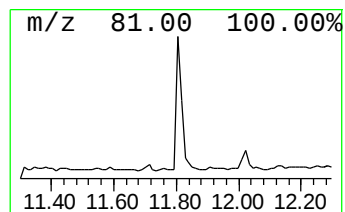
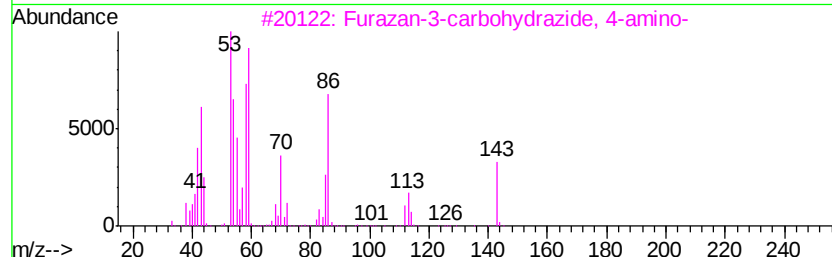
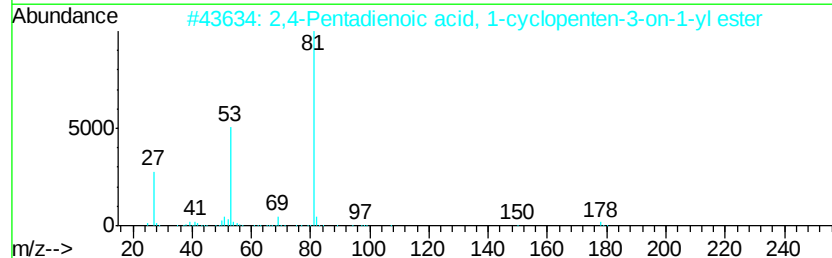
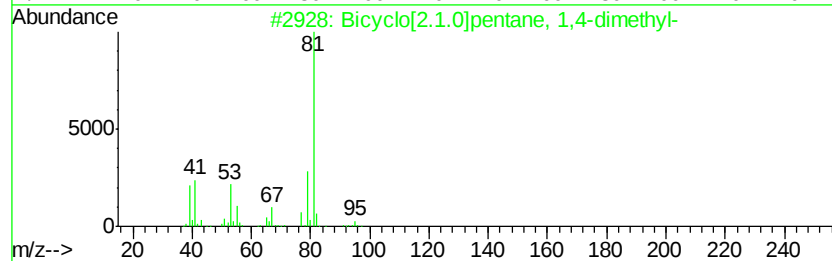
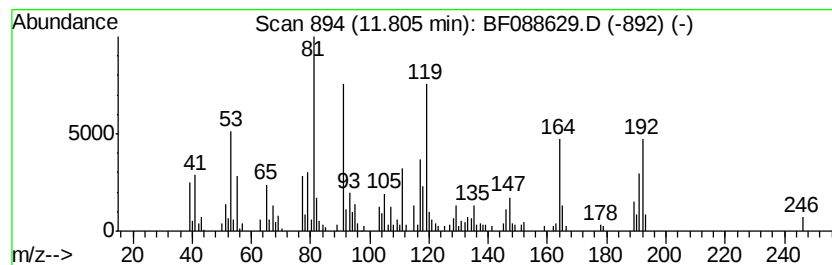
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TIC Library : C:\Database\NIST11.L
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Peak Number 6 unknown11.80 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	5.13 ng	182283	Phenanthrene-d10	11.30

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Bicyclo[2.1.0]pentane, 1,4-dimet...	96	C7H12	017065-18-8	43
2		2,4-Pentadienoic acid, 1-cyclope...	178	C10H10O3	1000150-80-4	38
3		Furazan-3-carbohydrazide, 4-amino-	143	C3H5N5O2	246048-72-6	18
4		Benzeneacetic acid, .alpha.-ethyl-	164	C10H12O2	000090-27-7	15
5		2-Phenyl-3-butyn-2-ol	146	C10H10O	000127-66-2	14



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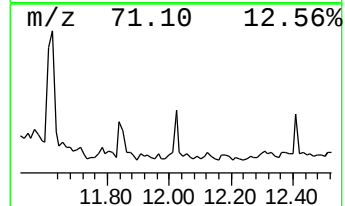
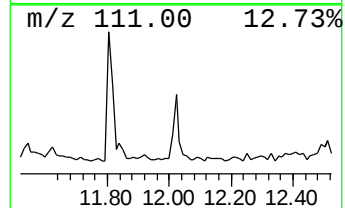
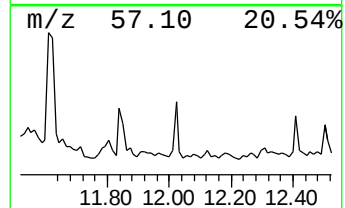
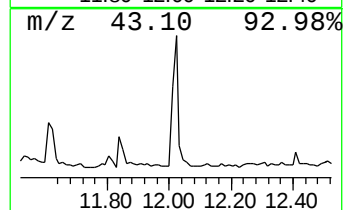
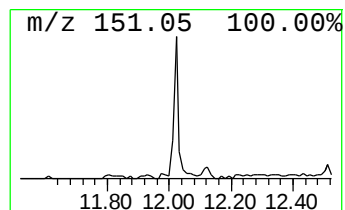
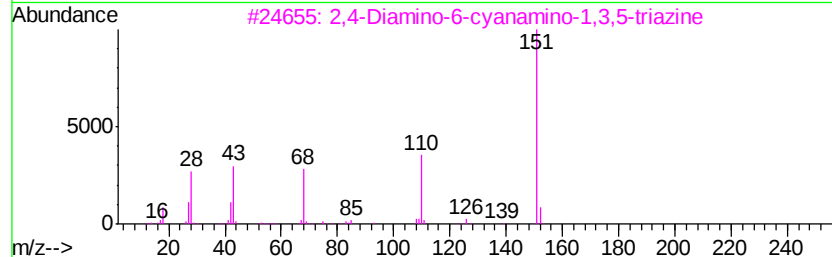
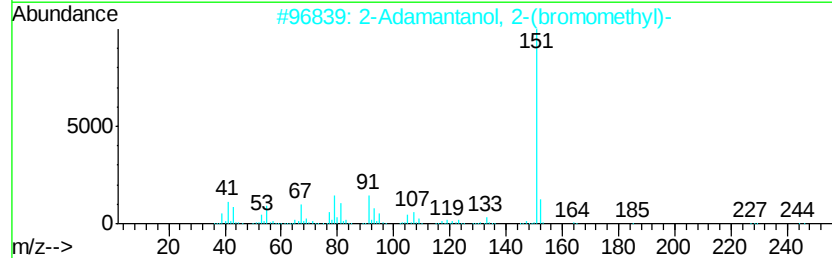
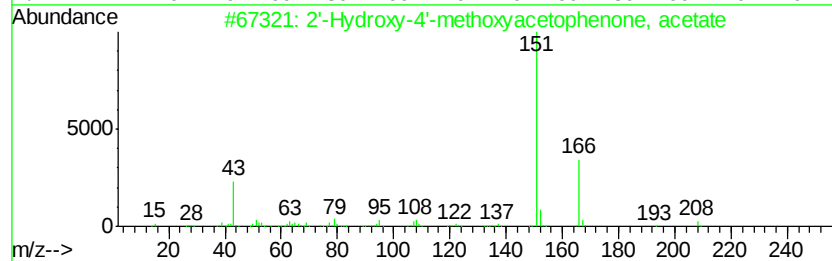
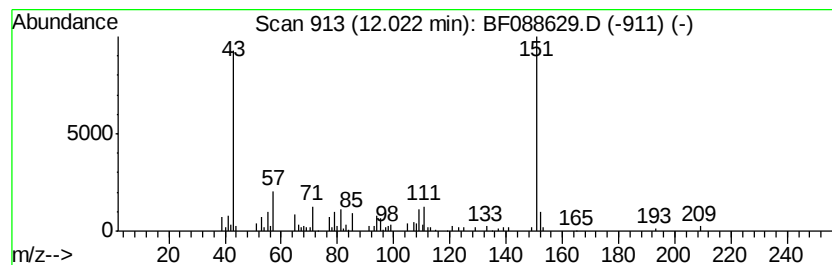
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 2'-Hydroxy-4'-methoxyacetop... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.02	2.93 ng	104021	Phenanthrene-d10	11.30		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2'-Hydroxy-4'-methoxyacetophenon...	208	C11H12O4	1000352-92-9	59	
2	2-Adamantanol, 2-(bromomethyl)-	244	C11H17BrO	1000142-34-3	53	
3	2,4-Diamino-6-cyanamino-1,3,5-tr...	151	C4H5N7	003496-98-8	53	
4	2-Cyano-3-fluorophenylhydrazine	151	C7H6FN3	1000131-91-9	50	
5	2',4'-Dihydroxy-3'-methylacetoph...	166	C9H10O3	010139-84-1	50	



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070216\
Data File : BF088629.D
Acq On : 2 Jul 2016 21:02
Operator : UM/SJ
Sample : H3847-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

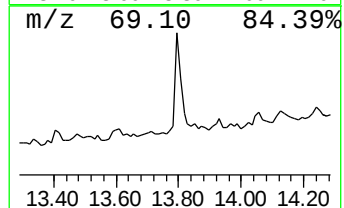
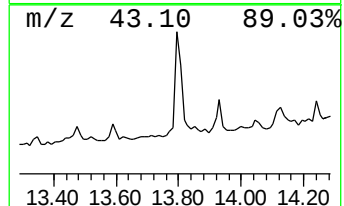
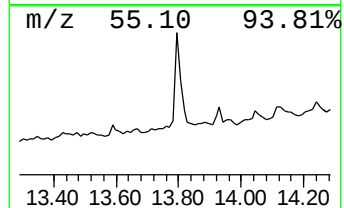
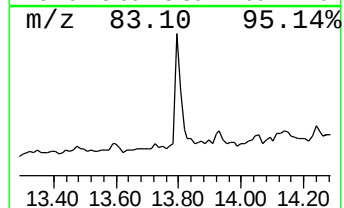
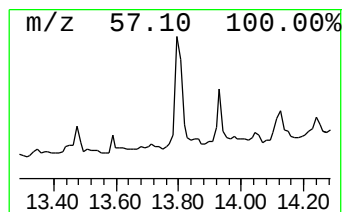
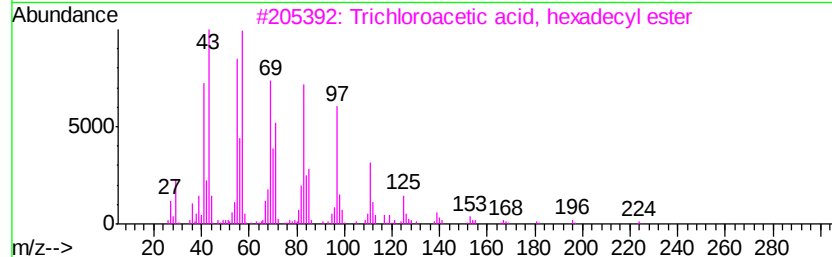
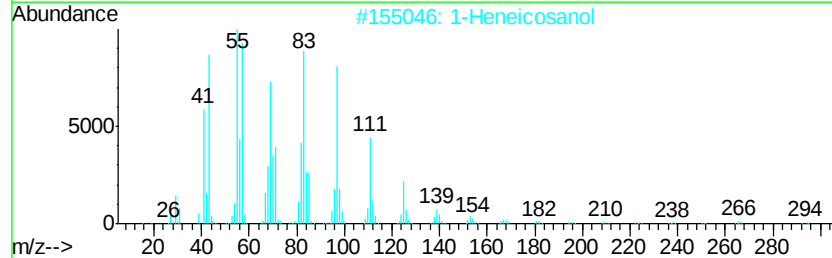
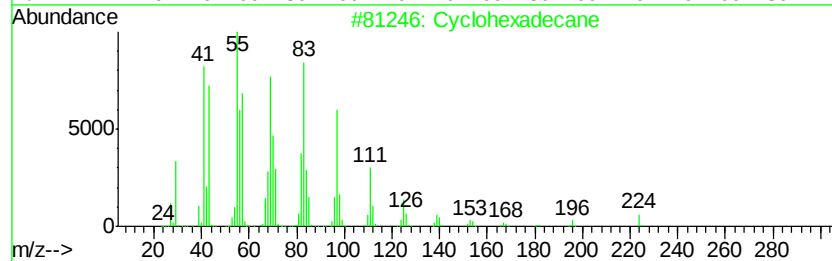
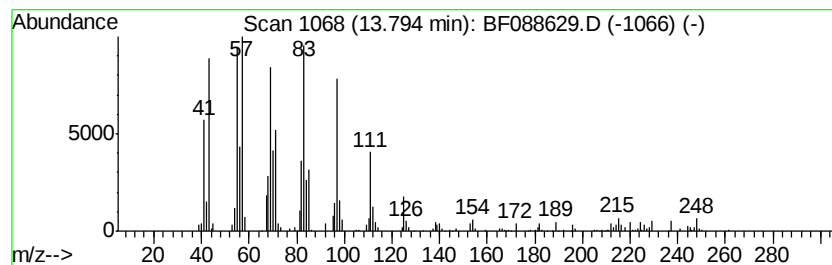
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Cyclohexadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	2.83 ng	148177	Chrysene-d12	13.93
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexadecane	224 C16H32	000295-65-8 98
2		1-Heneicosanol	312 C21H44O	015594-90-8 94
3		Trichloroacetic acid, hexadecyl ...	386 C18H33Cl3O2	074339-54-1 94
4		1-Nonadecene	266 C19H38	018435-45-5 91
5		Trifluoroacetoxy hexadecane	338 C18H33F3O2	006222-03-3 91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070216\
Data File : BF088629.D
Acq On : 2 Jul 2016 21:02
Operator : UM/SJ
Sample : H3847-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
R5-B2(0-6)C

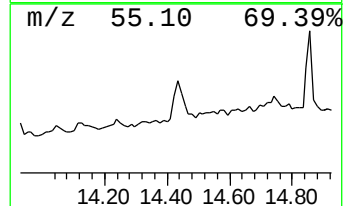
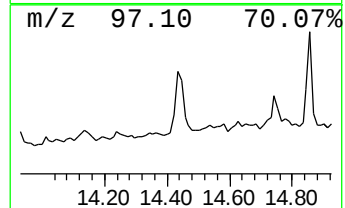
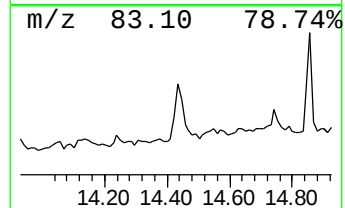
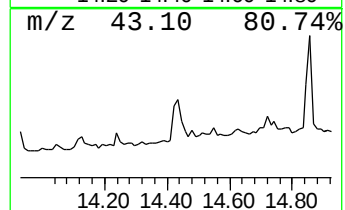
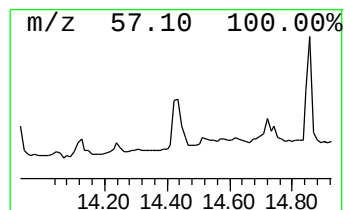
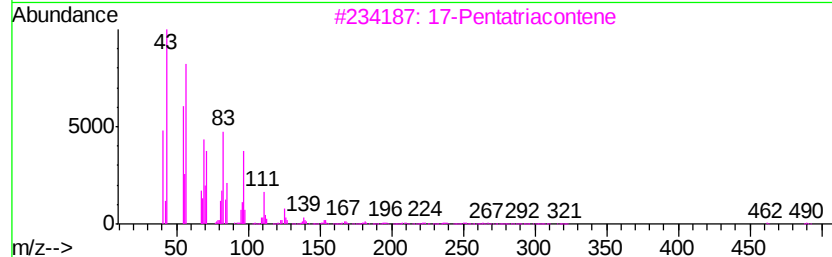
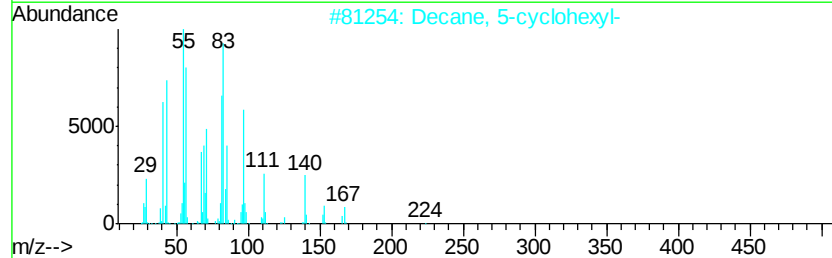
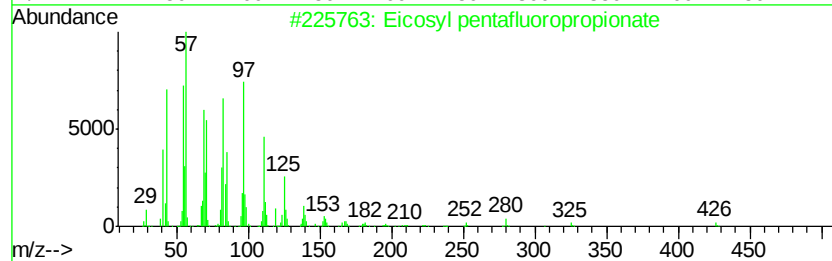
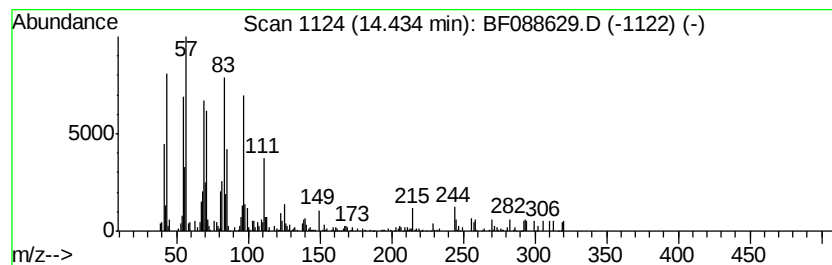
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Eicosyl pentafluoropropionate Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	3.04 ng	158880	Chrysene-d12	13.93

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosyl	pentafluoropropionate	444	C23H41F5O2	1000351-80-8	83
2	Decane, 5-cyclohexyl-		224	C16H32	013151-76-3	70
3	17-Pentatriacontene		491	C35H70	006971-40-0	68
4	1-Heneicosanol		312	C21H44O	015594-90-8	64
5	n-Nonadecanol-1		284	C19H40O	001454-84-8	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070216\
Data File : BF088629.D
Acq On : 2 Jul 2016 21:02
Operator : UM/SJ
Sample : H3847-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
R5-B2(0-6)C

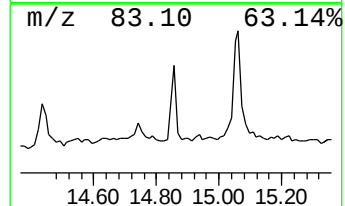
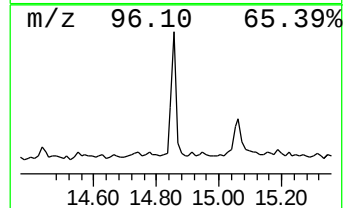
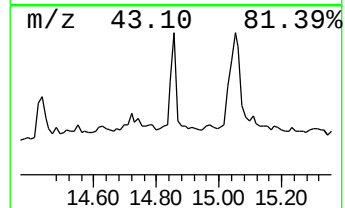
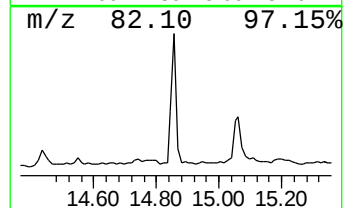
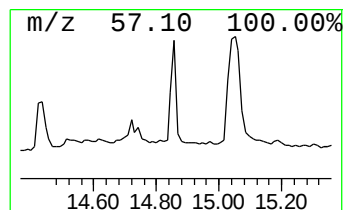
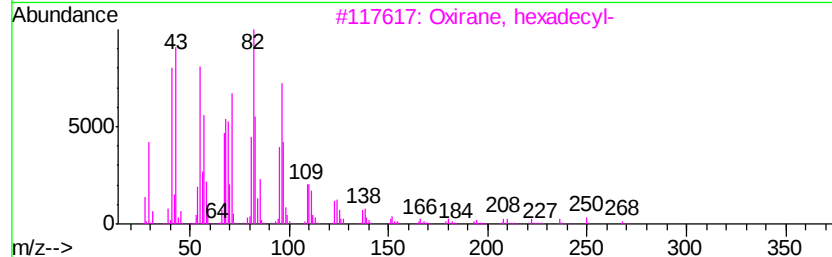
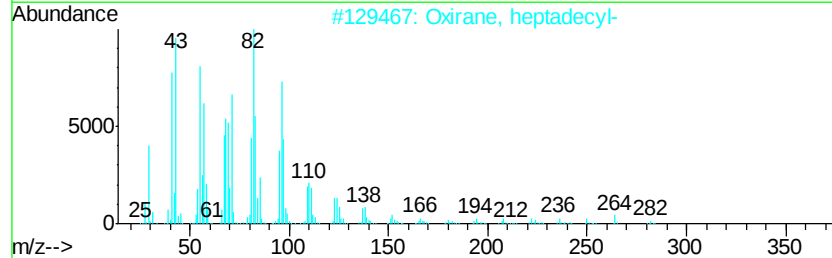
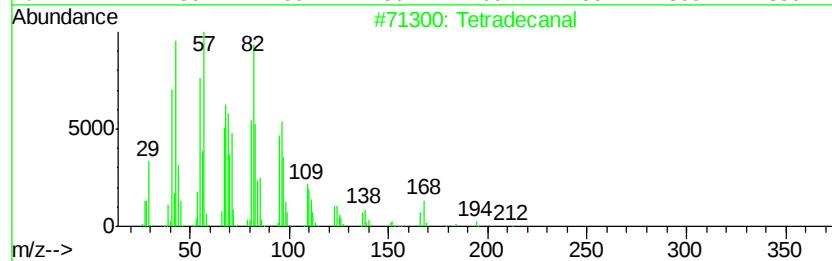
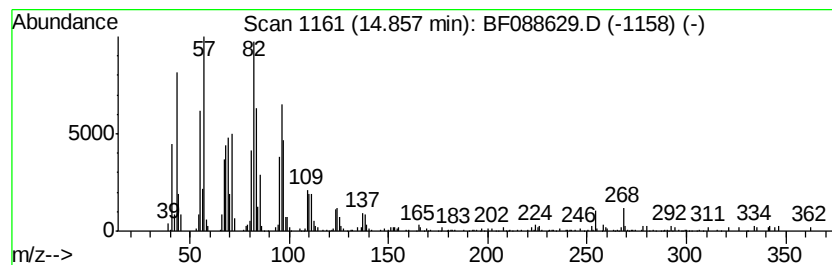
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Tetradecanal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	7.52 ng	186132	Perylene-d12	15.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecanal	212	C14H28O	000124-25-4	93
2		Oxirane, heptadecyl-	282	C19H38O	067860-04-2	90
3		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	90
4		Octadecanal	268	C18H36O	000638-66-4	87
5		1,16-Hexadecanediol	258	C16H34O2	007735-42-4	81



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070216\
Data File : BF088629.D
Acq On : 2 Jul 2016 21:02
Operator : UM/SJ
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Misc :
ALS Vial : 20 Sample Multiplier: 1

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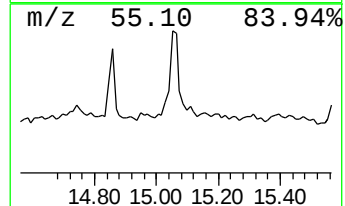
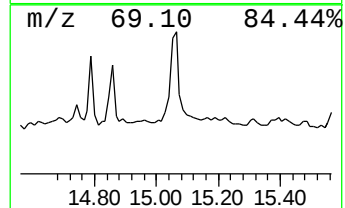
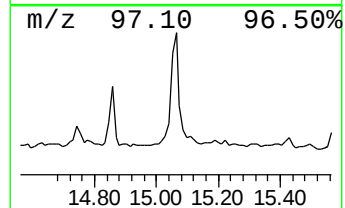
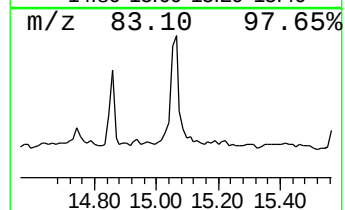
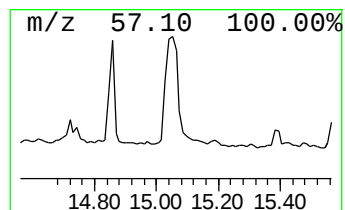
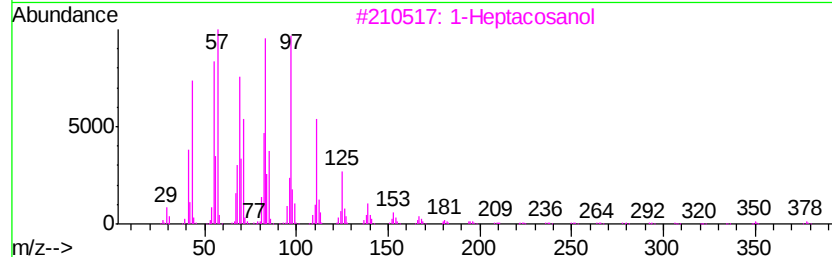
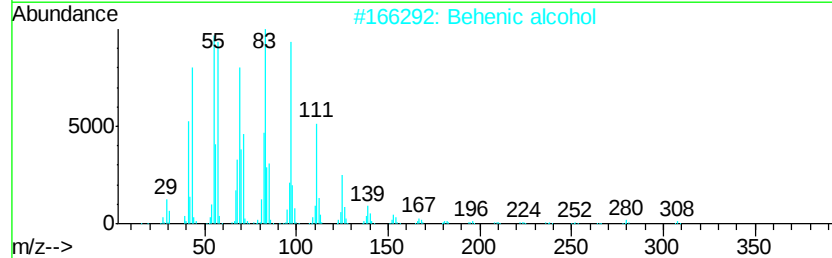
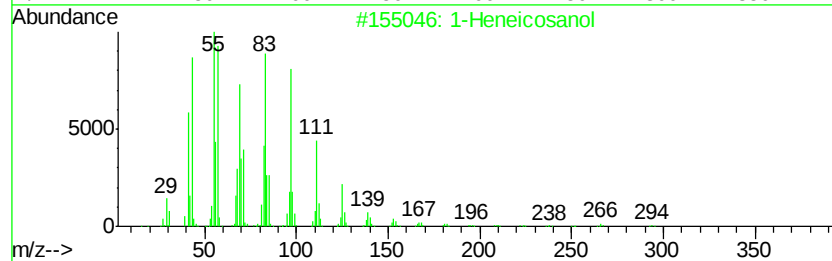
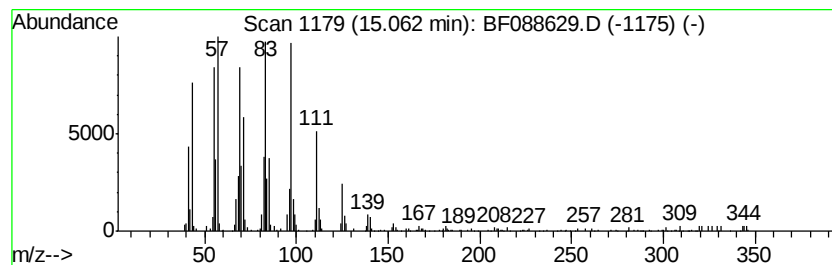
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 1-Heneicosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.06	13.10 ng	324385	Perylene-d12	15.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Heneicosanol	312	C21H44O	015594-90-8	95
2		Behenic alcohol	326	C22H46O	000661-19-8	91
3		1-Heptacosanol	396	C27H56O	002004-39-9	91
4		Heptacosyl acetate	438	C29H58O2	1000351-78-2	90
5		Octacosanol	410	C28H58O	000557-61-9	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070216\
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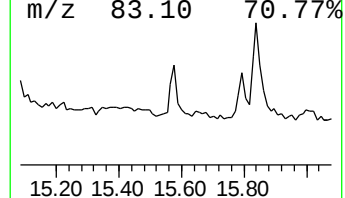
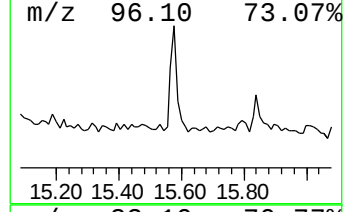
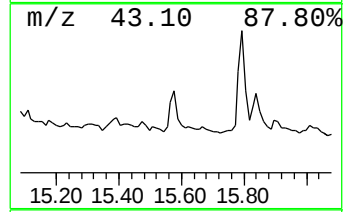
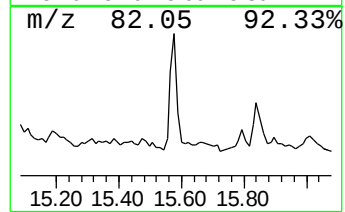
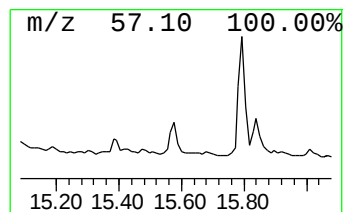
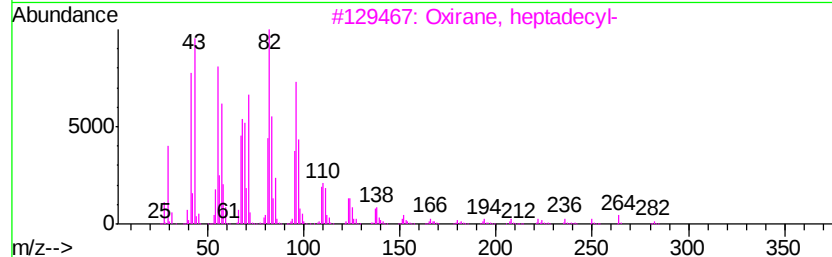
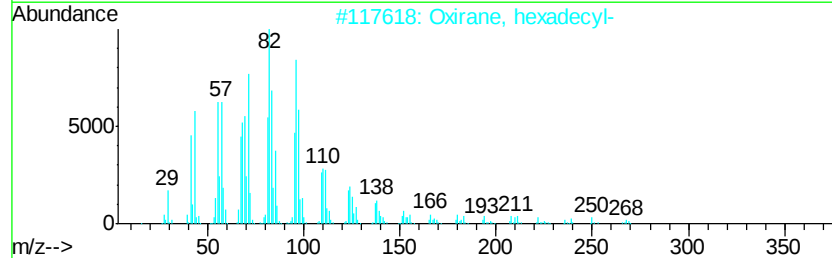
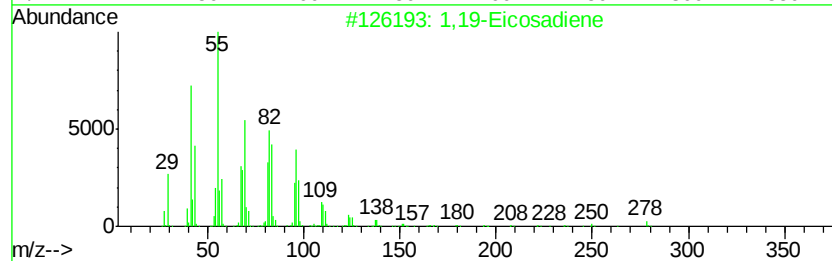
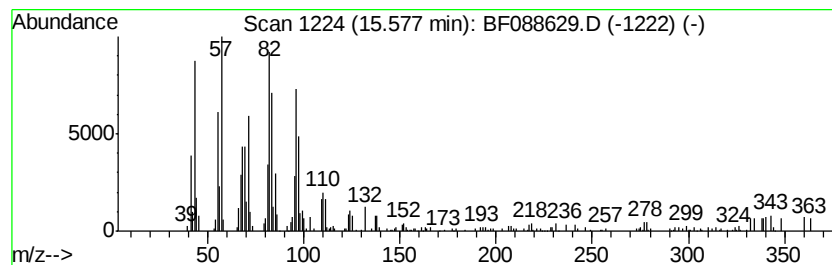
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 1,19-Eicosadiene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.58	3.07 ng	76032	Perylene-d12	15.34
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1,19-Eicosadiene	278 C20H38	014811-95-1	93
2	Oxirane, hexadecyl-	268 C18H36O	007390-81-0	91
3	Oxirane, heptadecyl-	282 C19H38O	067860-04-2	83
4	Octadecanal	268 C18H36O	000638-66-4	80
5	Cycloheptadecanol	254 C17H34O	004429-77-0	78



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070216\
Data File : BF088629.D
Acq On : 2 Jul 2016 21:02
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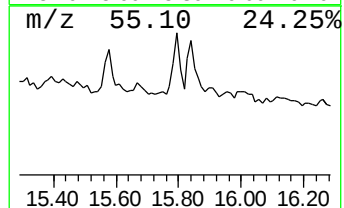
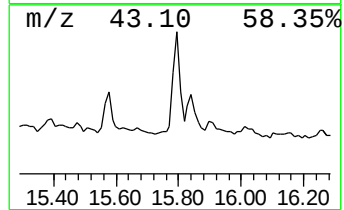
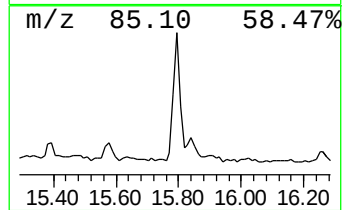
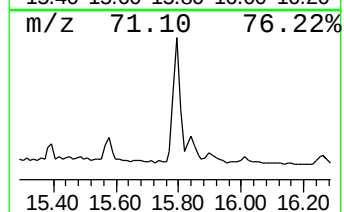
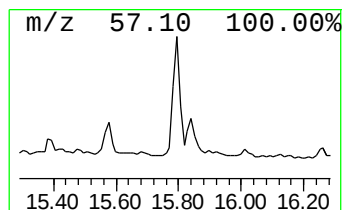
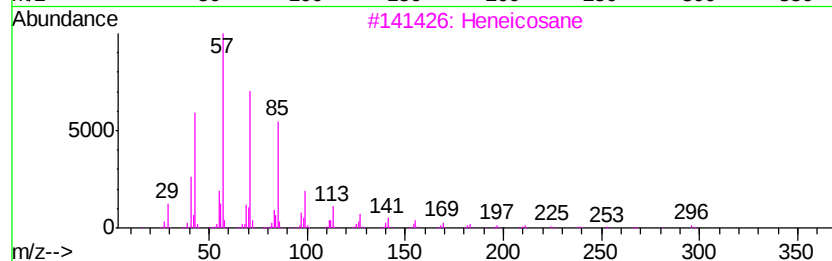
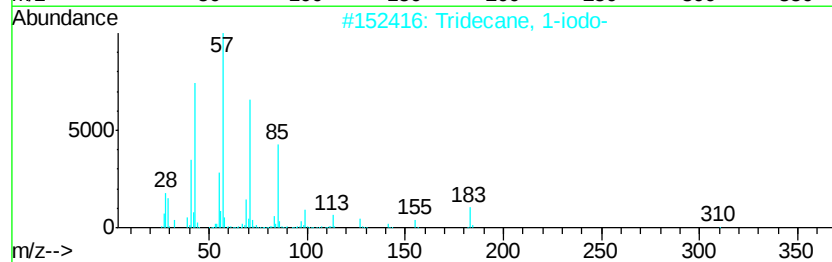
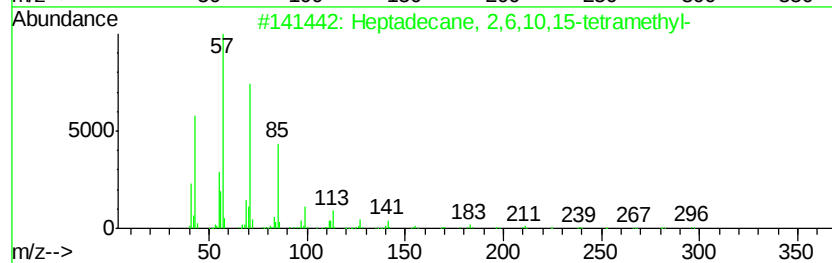
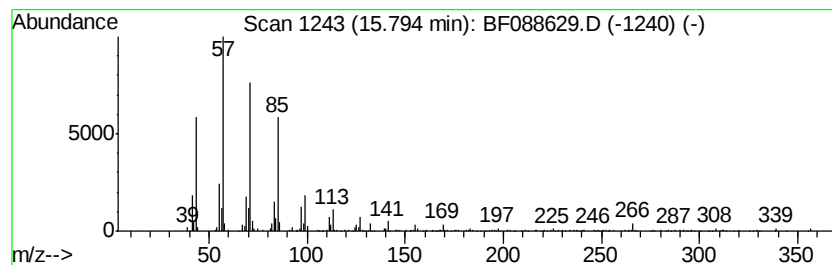
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Heptadecane, 2,6,10,15-tetr... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.79	7.67 ng	189876	Perylene-d12	15.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
2		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
3		Heneicosane	296	C21H44	000629-94-7	90
4		Hexacosane	366	C26H54	000630-01-3	90
5		Tridecane, 6-propyl-	226	C16H34	055045-10-8	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070216\
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Misc :
ALS Vial : 20 Sample Multiplier: 1

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ClientSampleId :
R5-B2(0-6)C

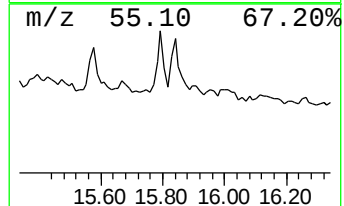
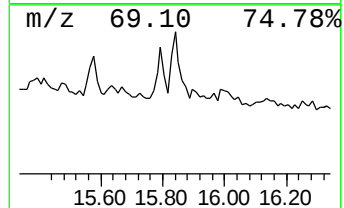
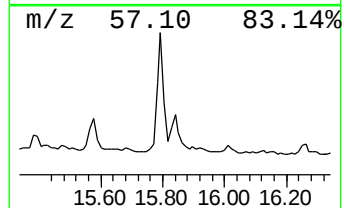
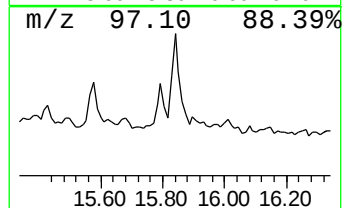
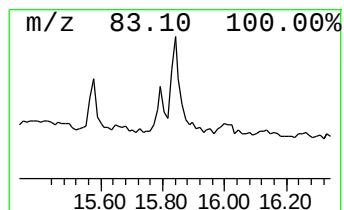
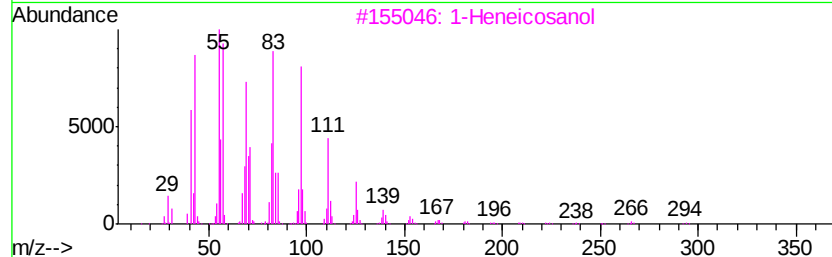
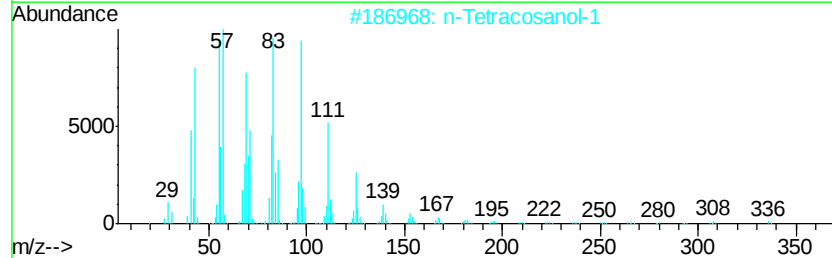
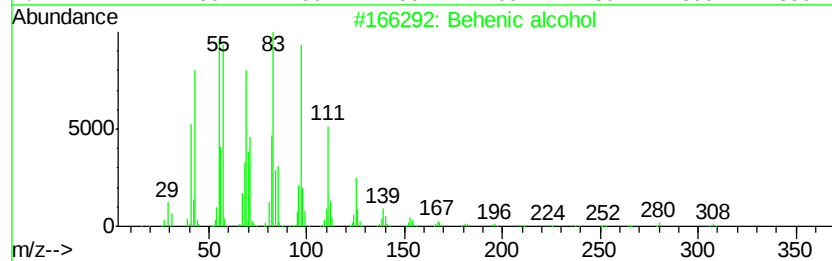
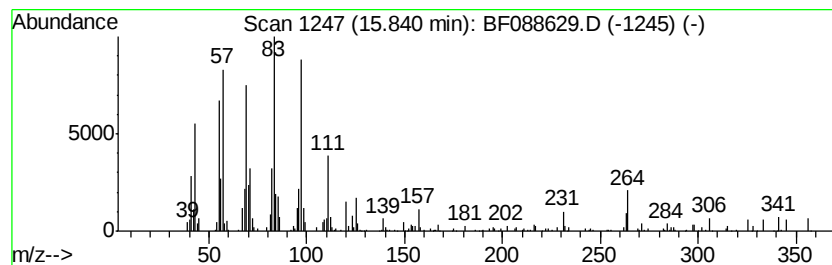
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown15.84 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.84	5.46 ng	135129	Perylene-d12	15.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Behenic alcohol	326	C22H46O	000661-19-8	46
2		n-Tetracosanol-1	354	C24H50O	000506-51-4	46
3		1-Heneicosanol	312	C21H44O	015594-90-8	46
4		n-Nonadecanol-1	284	C19H40O	001454-84-8	41
5		Octacosanol	410	C28H58O	000557-61-9	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070216\
Data File : BF088629.D
Acq On : 2 Jul 2016 21:02
Operator : UM/SJ
Sample : H3847-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
R5-B2(0-6)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.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
unknown4.95	4.95	4.1 ng		136153	1	6.80	667093	20.0
unknown6.56	6.56	55.8 ng		1859920	1	6.80	667093	20.0
Octadecane	11.19	2.7 ng		95907	4	11.30	710420	20.0
unknown11.80	11.80	5.1 ng		182283	4	11.30	710420	20.0
2'-Hydroxy-4'-met...	12.02	2.9 ng		104021	4	11.30	710420	20.0
Cyclohexadecane	13.79	2.8 ng		148177	5	13.93	1045480	20.0
Eicosyl pentaflu...	14.43	3.0 ng		158880	5	13.93	1045480	20.0
Tetradecanal	14.86	7.5 ng		186132	6	15.34	495061	20.0
1-Heneicosanol	15.06	13.1 ng		324385	6	15.34	495061	20.0
1,19-Eicosadiene	15.58	3.1 ng		76032	6	15.34	495061	20.0
Heptadecane, 2,6,...	15.79	7.7 ng		189876	6	15.34	495061	20.0
unknown15.84	15.84	5.5 ng		135129	6	15.34	495061	20.0