

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020416\
 Data File : BF084852.D
 Acq On : 5 Feb 2016 2:15
 Operator : SJ/IZ
 Sample : H1320-12
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4-B013(15-17)

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-BF020116.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	4.121	176	178	182	rBV	51184	76433	1.47%	0.154%
2	4.830	237	240	252	rVB	1200579	1880879	36.30%	3.801%
3	5.276	276	279	281	rBV	3995216	5182065	100.00%	10.472%
4	5.676	312	314	316	rVB	66376	60035	1.16%	0.121%
5	6.327	368	371	374	rBV	4009629	4404182	84.99%	8.900%
6	6.442	379	381	384	rBV	4266443	4468091	86.22%	9.029%
7	6.670	399	401	404	rBV	1064553	938058	18.10%	1.896%
8	6.830	412	415	417	rBV	4065367	3559458	68.69%	7.193%
9	7.242	448	451	454	rBV	2460352	2876794	55.51%	5.813%
10	7.962	511	514	516	rBV	1398975	1300879	25.10%	2.629%
11	9.036	606	608	611	rVB	3517380	3935215	75.94%	7.952%
12	9.436	641	643	645	rBV	836386	719599	13.89%	1.454%
13	9.653	657	662	664	rBV	144579	162755	3.14%	0.329%
14	9.710	664	667	669	rVV	1489746	1353378	26.12%	2.735%
15	9.745	669	670	673	rVB2	48815	55722	1.08%	0.113%
16	10.156	704	706	708	rVB	259047	202073	3.90%	0.408%
17	10.373	722	725	728	rBV	84417	122826	2.37%	0.248%
18	10.499	733	736	738	rVB	2698983	2702097	52.14%	5.460%
19	10.625	745	747	752	rVB	275711	321216	6.20%	0.649%
20	10.853	766	767	771	rVB3	57790	88994	1.72%	0.180%
21	11.071	785	786	788	rBV2	157866	164724	3.18%	0.333%
22	11.105	788	789	792	rVB	70355	58186	1.12%	0.118%
23	11.185	794	796	800	rVV2	1187650	1254421	24.21%	2.535%
24	11.265	800	803	804	rVB2	60209	84281	1.63%	0.170%
25	11.505	821	824	826	rVB	64226	90630	1.75%	0.183%
26	11.802	848	850	854	rVB	32711	60656	1.17%	0.123%
27	11.905	858	859	863	rVV	86145	96404	1.86%	0.195%
28	11.974	863	865	869	rVB3	41991	65401	1.26%	0.132%
29	12.294	891	893	895	rVB	830853	714485	13.79%	1.444%
30	12.396	899	902	904	rVB	194187	171434	3.31%	0.346%
31	12.625	919	922	923	rBV	116117	165954	3.20%	0.335%
32	12.671	923	926	928	rVB	104048	144635	2.79%	0.292%
33	12.774	933	935	938	rVB	2811081	2581334	49.81%	5.216%
34	13.025	954	957	959	rVB	1028877	1108338	21.39%	2.240%

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35	13.357	984	986	989	rVV	78724	101076	1.95%	0.204%
36	13.688	1013	1015	1018	rBV	792457	898800	17.34%	1.816%
37	13.814	1024	1026	1029	rBV	919605	993064	19.16%	2.007%
38	14.008	1040	1043	1049	rBV4	64296	125002	2.41%	0.253%
39	14.317	1067	1070	1079	rVV2	477616	942985	18.20%	1.906%
40	14.602	1091	1095	1096	rBV2	41474	85650	1.65%	0.173%
41	14.728	1104	1106	1109	rVB	53943	57849	1.12%	0.117%
42	14.808	1111	1113	1117	rBV	49305	108871	2.10%	0.220%
43	14.934	1118	1124	1132	rBV2	374871	977839	18.87%	1.976%
44	15.128	1139	1141	1144	rVB	45135	62061	1.20%	0.125%
45	15.185	1144	1146	1152	rBV2	622821	1145825	22.11%	2.316%
46	15.277	1152	1154	1157	rBV3	30405	70207	1.35%	0.142%
47	15.414	1163	1166	1168	rVB	53004	68089	1.31%	0.138%
48	15.620	1181	1184	1186	rBV	84427	142718	2.75%	0.288%
49	15.665	1186	1188	1198	rVB2	531450	1202923	23.21%	2.431%
50	16.123	1226	1228	1232	rBV4	22000	55486	1.07%	0.112%
51	16.305	1241	1244	1248	rBV5	25695	54414	1.05%	0.110%
52	16.568	1264	1267	1270	rBV4	23897	59299	1.14%	0.120%
53	16.660	1270	1275	1278	rBV3	87334	262892	5.07%	0.531%
54	16.980	1300	1303	1305	rBV3	61578	152763	2.95%	0.309%
55	17.026	1305	1307	1310	rVB3	39003	83608	1.61%	0.169%
56	17.151	1316	1318	1323	rVB5	29887	70181	1.35%	0.142%
57	17.254	1323	1327	1330	rBV4	36575	103719	2.00%	0.210%
58	17.437	1340	1343	1348	rVB6	53193	147145	2.84%	0.297%
59	17.666	1360	1363	1368	rVB5	43616	109403	2.11%	0.221%
60	17.848	1376	1379	1385	rVB7	26055	87609	1.69%	0.177%
61	18.100	1397	1401	1403	rBV4	20032	54077	1.04%	0.109%
62	18.740	1453	1457	1462	rVV7	29808	89564	1.73%	0.181%

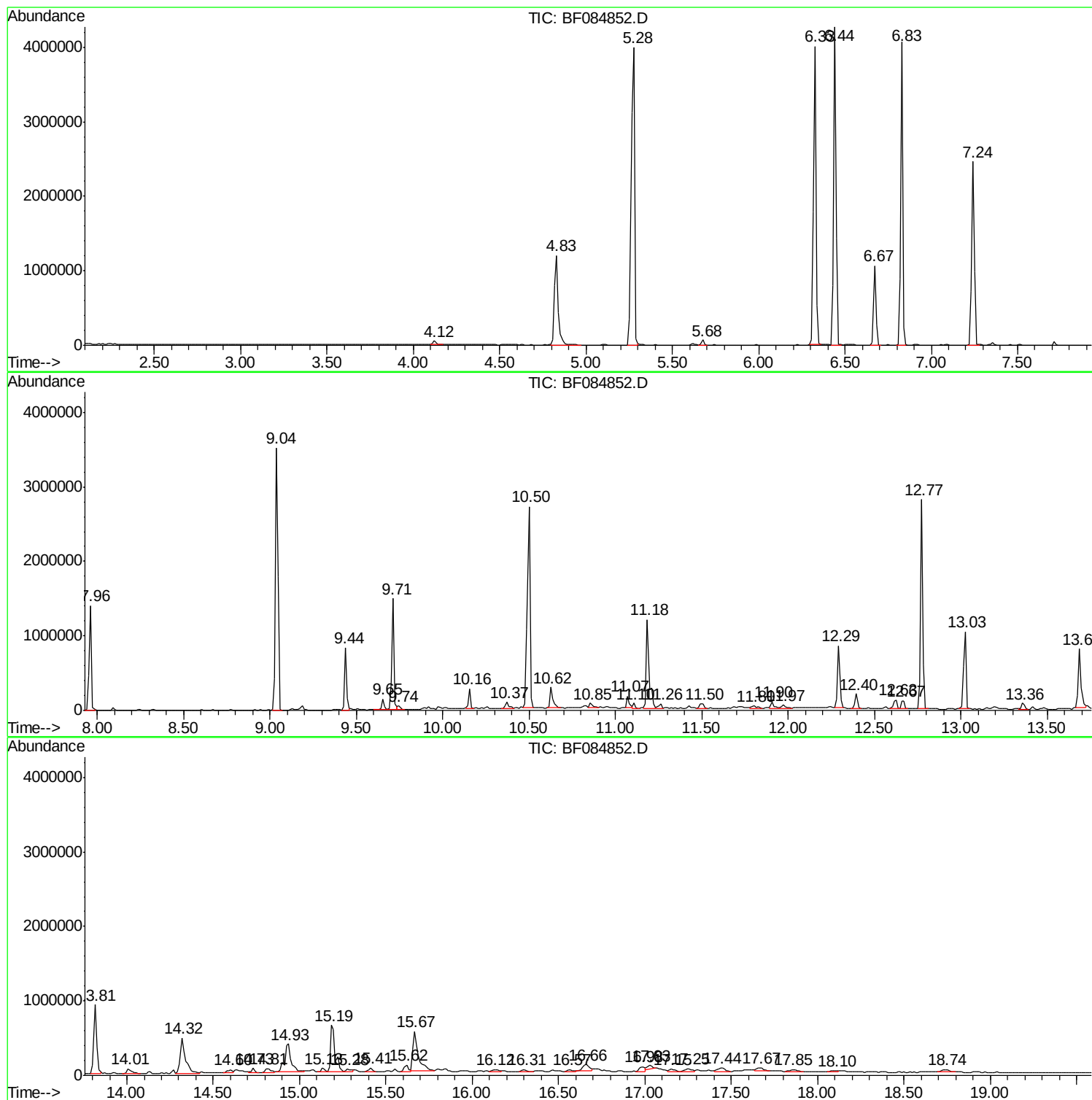
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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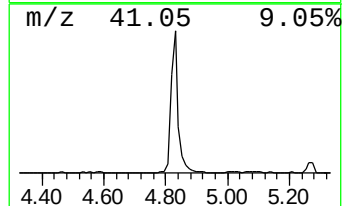
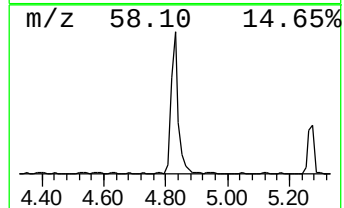
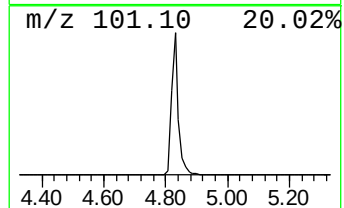
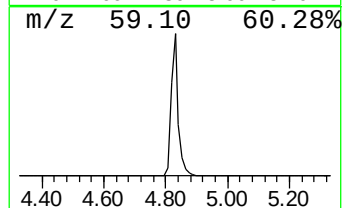
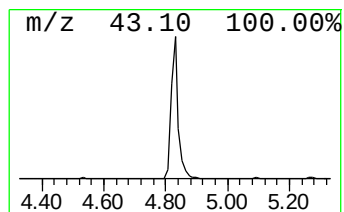
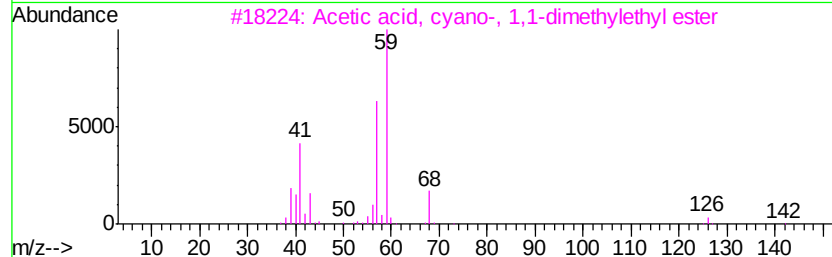
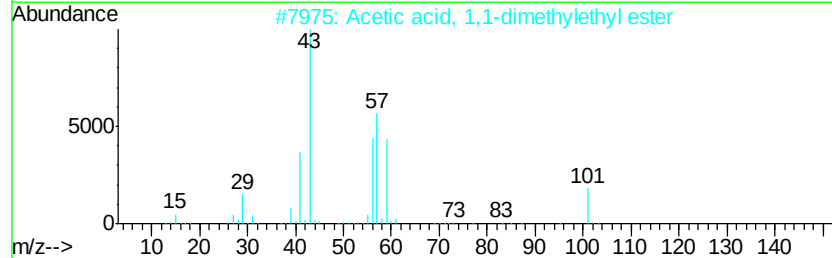
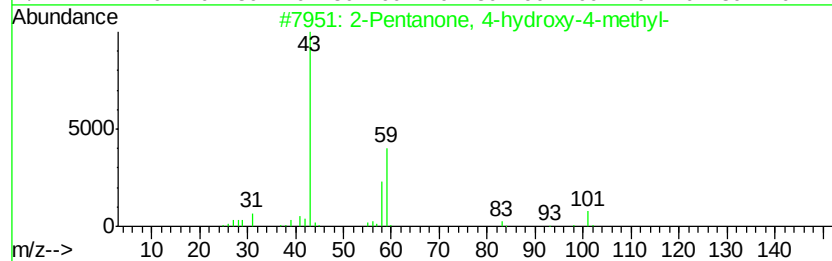
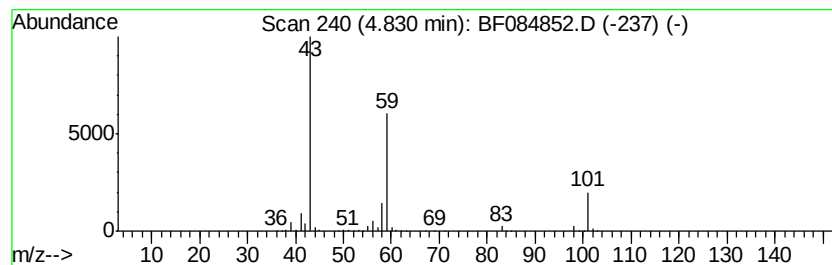
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.83	40.10 ng	1880880	1,4-Dichlorobenzene-d4	6.67

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3			Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	17
4			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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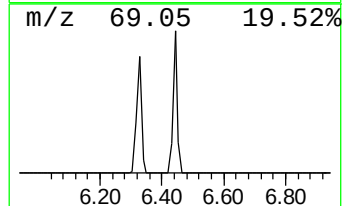
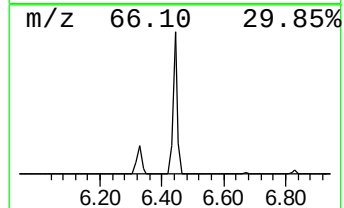
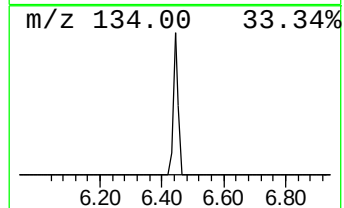
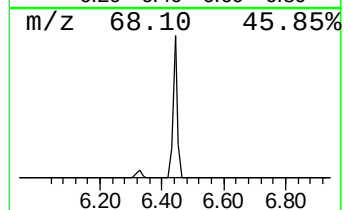
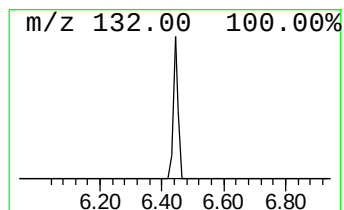
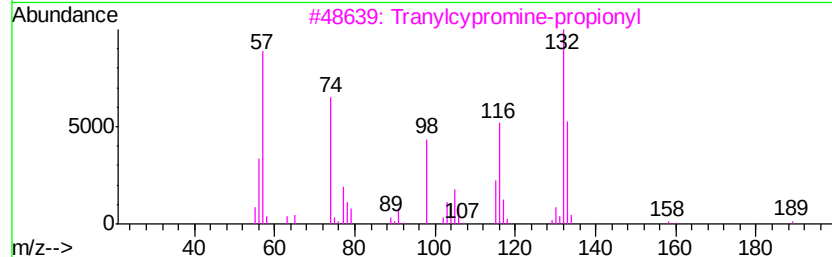
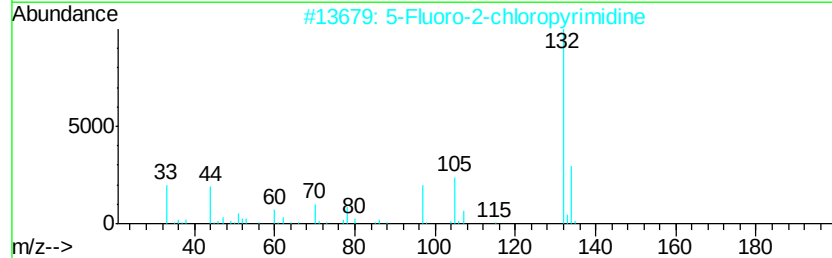
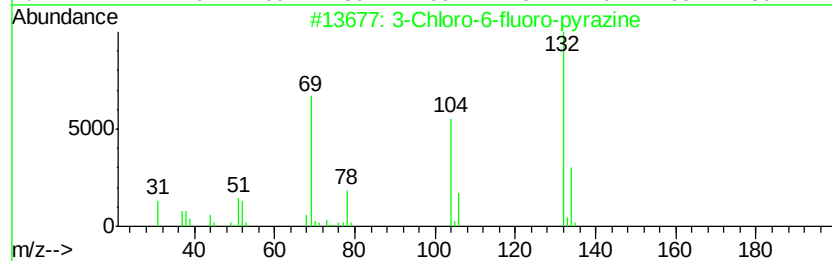
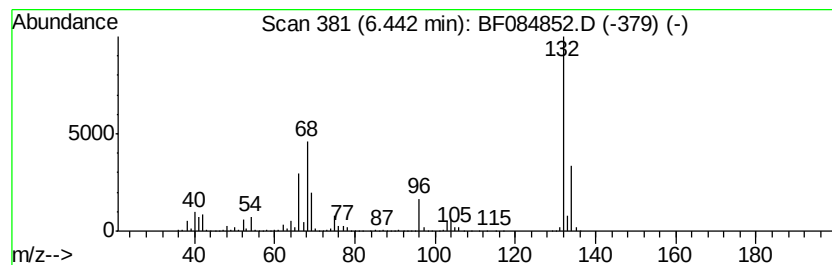
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.44 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.44	95.26 ng	4468090	1,4-Dichlorobenzene-d4	6.67

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	12
3		Tranvlcypramine-propionyl	189	C12H15NO	1000123-86-3	10
4		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9



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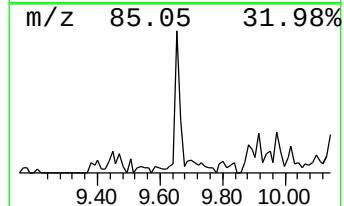
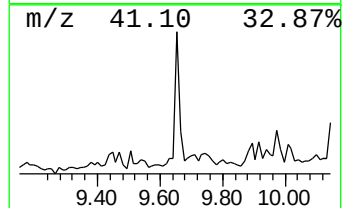
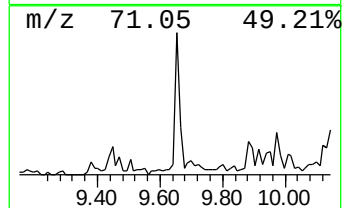
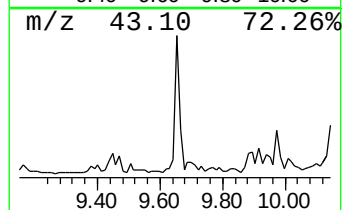
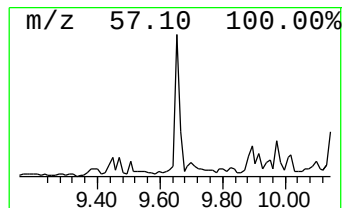
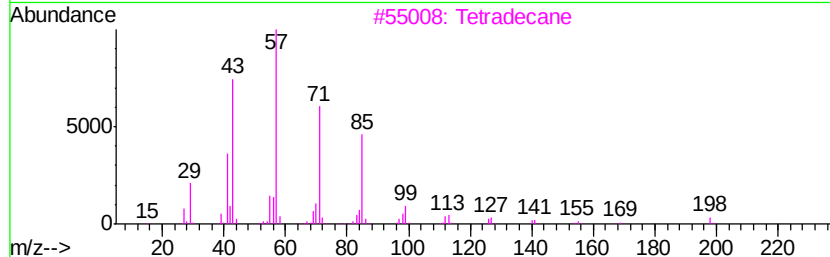
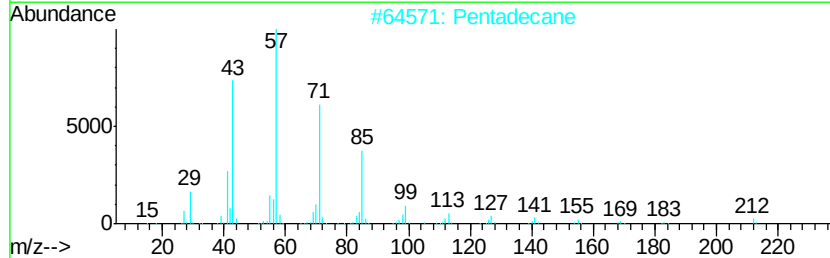
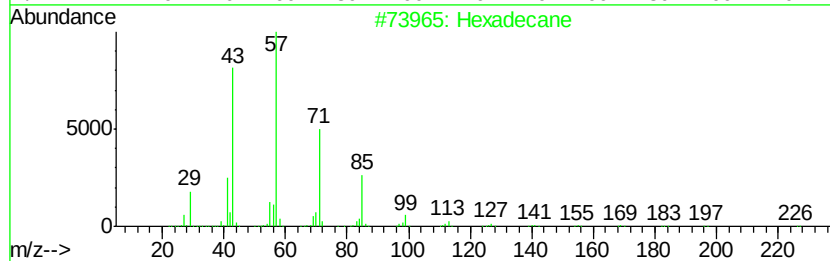
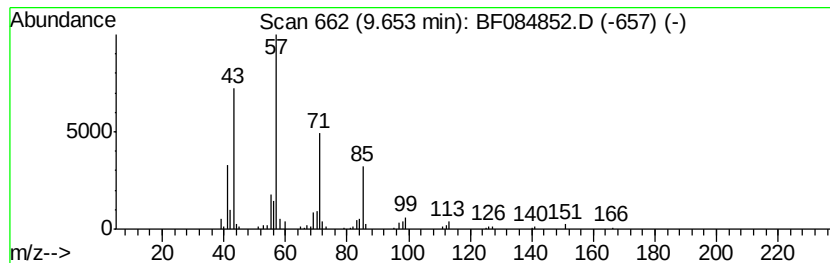
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 4 Hexadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.65	2.41 ng	162755	Acenaphthene-d10	9.71

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	91
2	Pentadecane		212	C15H32	000629-62-9	90
3	Tetradecane		198	C14H30	000629-59-4	86
4	Decane, 2,3,5-trimethyl-		184	C13H28	062238-11-3	78
5	Tridecane		184	C13H28	000629-50-5	78



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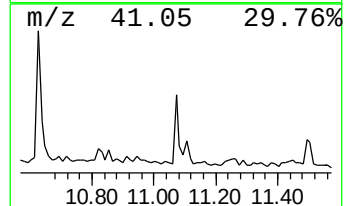
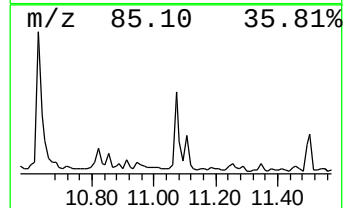
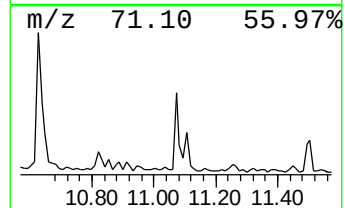
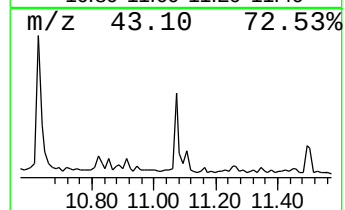
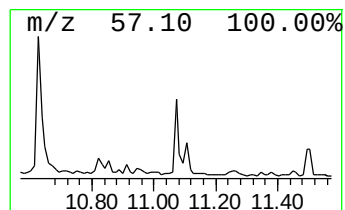
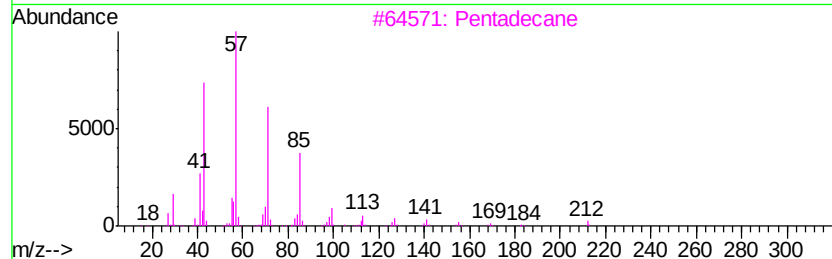
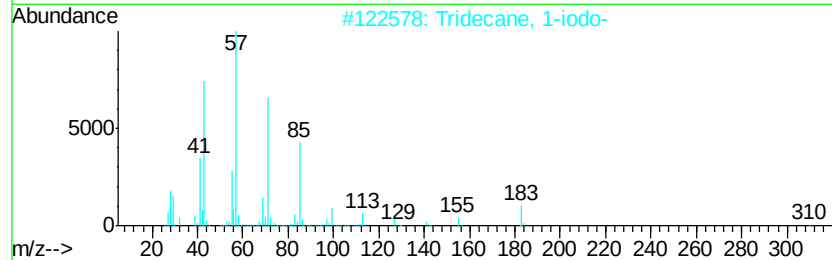
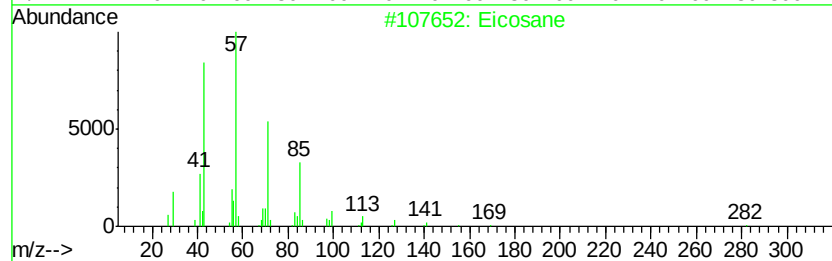
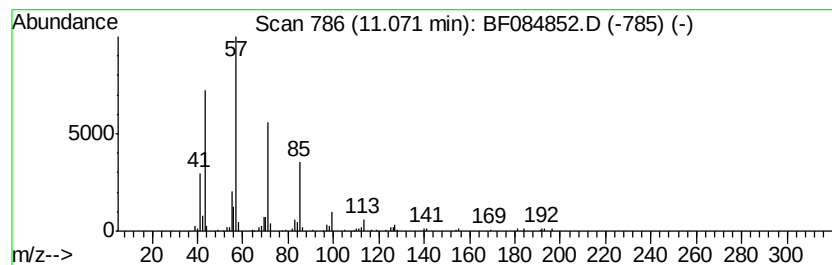
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Eicosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	2.63 ng	164724	Phenanthrene-d10	11.18

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	90
2	Tridecane, 1-iodo-		310	C13H27I	035599-77-0	86
3	Pentadecane		212	C15H32	000629-62-9	80
4	Hexadecane		226	C16H34	000544-76-3	80
5	Heneicosane		296	C21H44	000629-94-7	78



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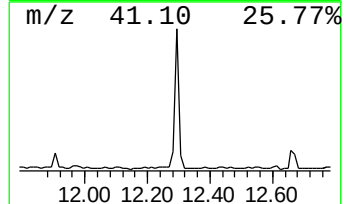
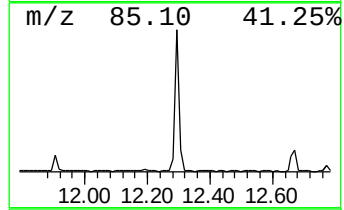
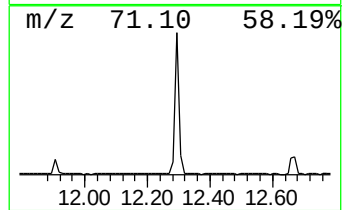
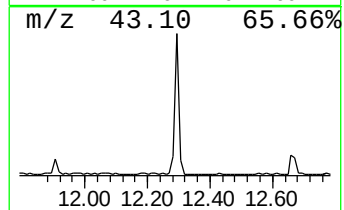
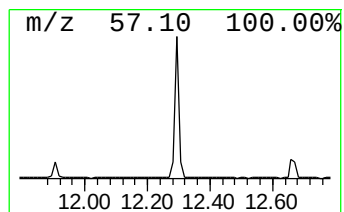
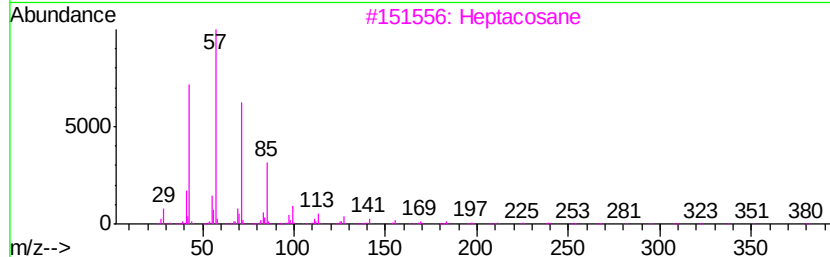
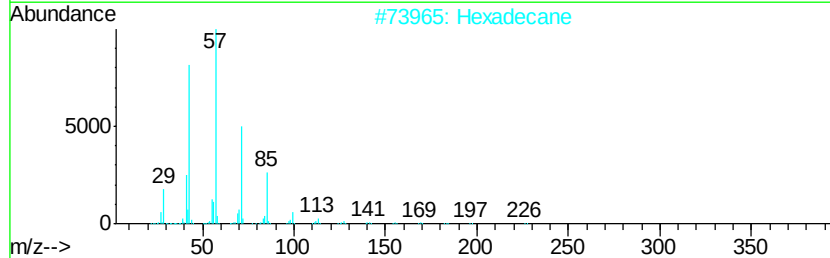
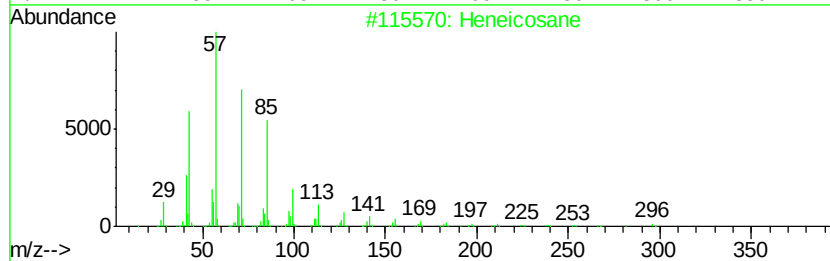
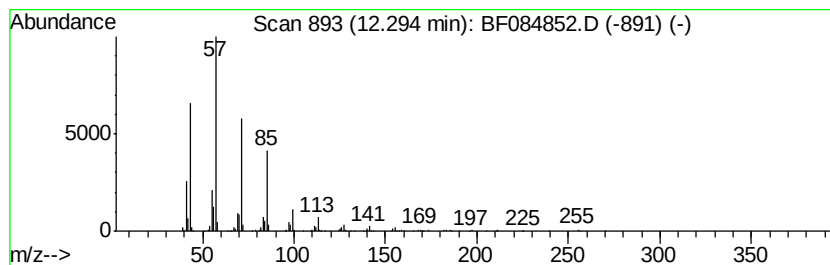
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	11.39 ng	714485	Phenanthrene-d10	11.18

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	90
2	Hexadecane		226	C16H34	000544-76-3	90
3	Heptacosane		380	C27H56	000593-49-7	87
4	Dodecane, 1-iodo-		296	C12H25I	004292-19-7	86
5	Tridecane, 1-iodo-		310	C13H27I	035599-77-0	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020416\
Data File : BF084852.D
Acq On : 5 Feb 2016 2:15
Operator : SJ/IZ
Sample : H1320-12
Misc :
ALS Vial : 24 Sample Multiplier: 1

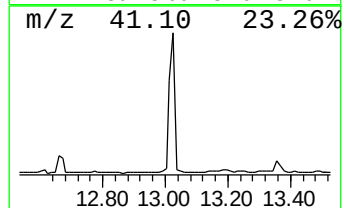
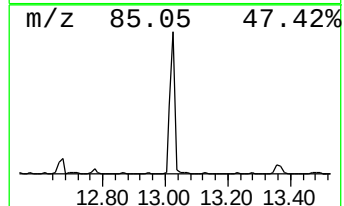
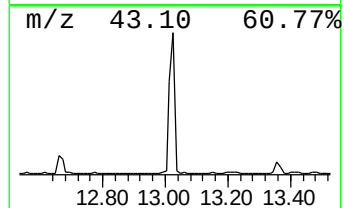
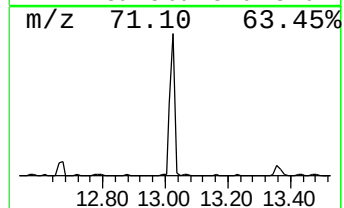
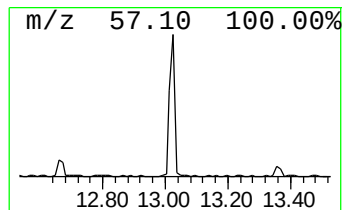
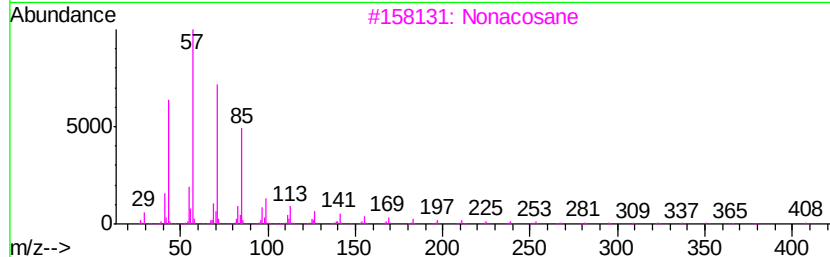
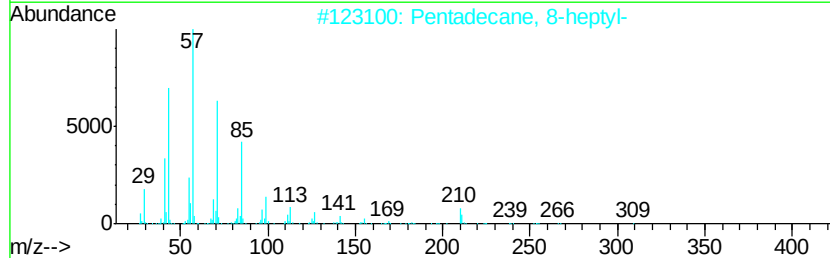
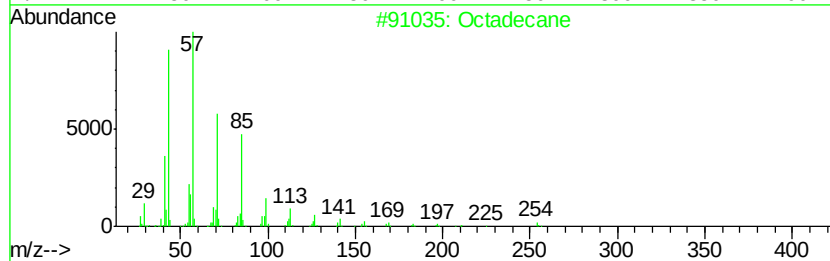
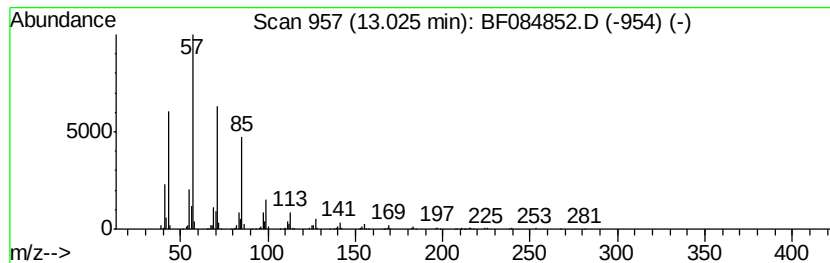
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Octadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.03	22.32 ng	1108340	Chrysene-d12	13.81
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octadecane	254 C18H38	000593-45-3	91
2	Pentadecane, 8-heptyl-	310 C22H46	071005-15-7	91
3	Nonacosane	408 C29H60	000630-03-5	91
4	Eicosane	282 C20H42	000112-95-8	90
5	2,3-Dimethyldodecane	198 C14H30	006117-98-2	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020416\
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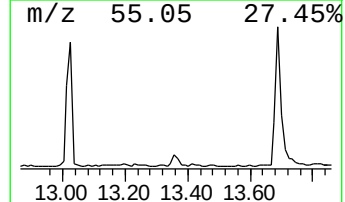
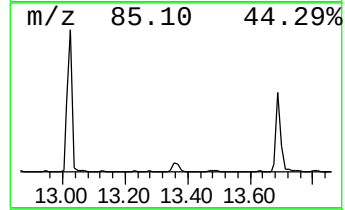
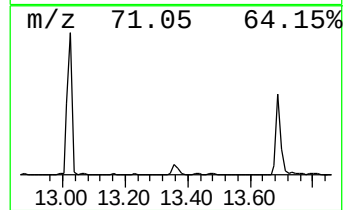
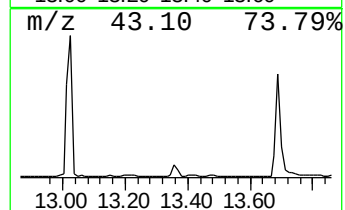
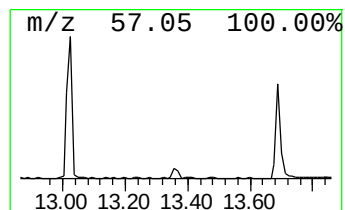
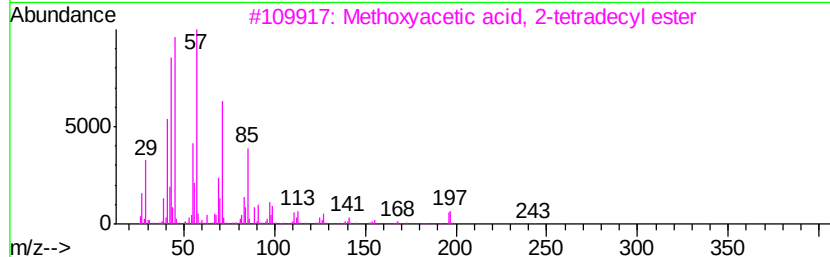
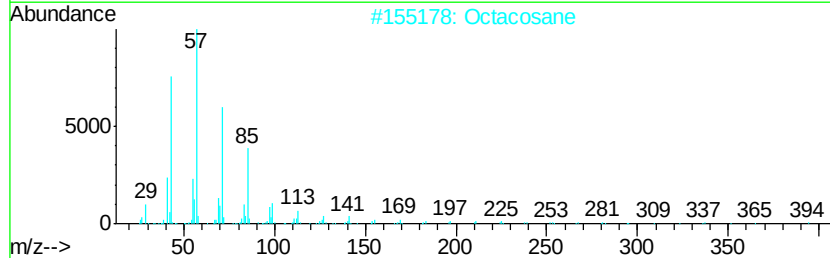
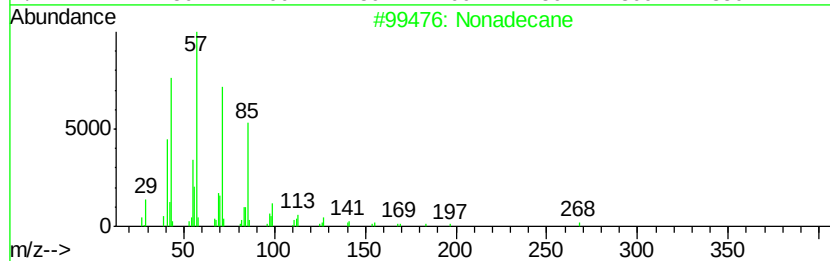
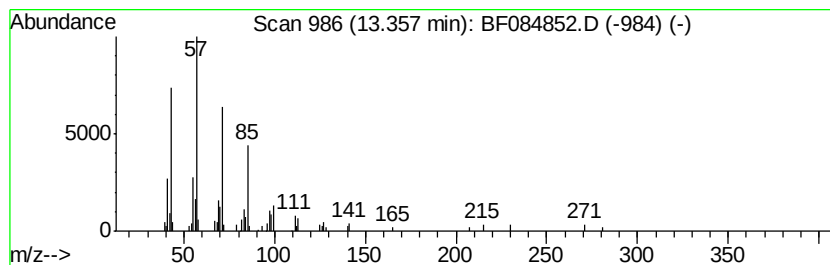
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Nonadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.36	2.04 ng	101076	Chrysene-d12	13.81
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Nonadecane	268 C19H40	000629-92-5	90
2	Octacosane	394 C28H58	000630-02-4	87
3	Methoxvacetic acid, 2-tetradecyl...	286 C17H34O3	1000282-04-8	87
4	10-Methylnonadecane	282 C20H42	056862-62-5	87
5	Eicosane	282 C20H42	000112-95-8	86



Data Path : Z:\HPCHEM1\BNA F\DATA\BF020416\
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Sample : H1320-12
Misc :
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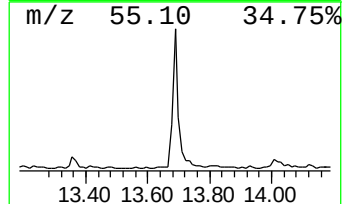
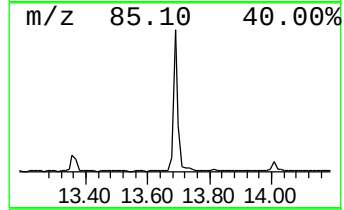
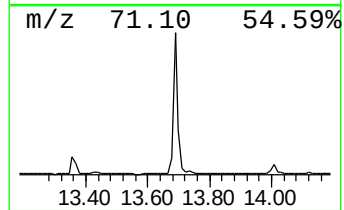
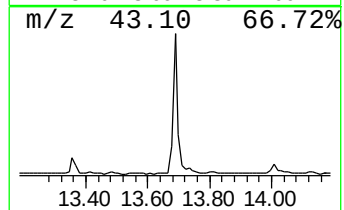
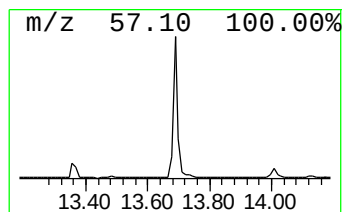
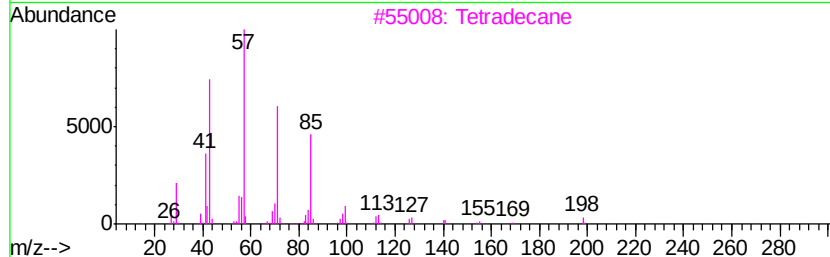
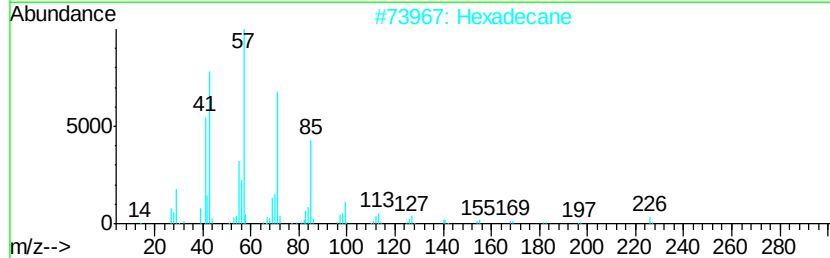
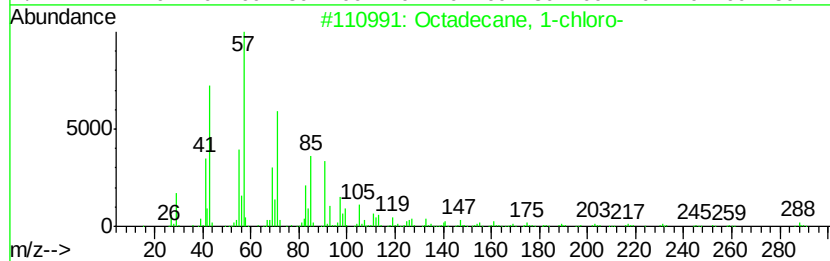
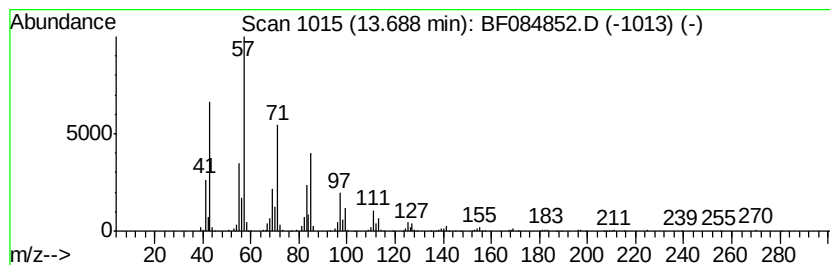
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Octadecane, 1-chloro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.69	18.10 ng	898800	Chrysene-d12	13.81
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octadecane, 1-chloro-	288 C18H37Cl	003386-33-2	91
2	Hexadecane	226 C16H34	000544-76-3	62
3	Tetradecane	198 C14H30	000629-59-4	58
4	Heptadecane	240 C17H36	000629-78-7	58
5	Pentadecane	212 C15H32	000629-62-9	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020416\
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Acq On : 5 Feb 2016 2:15
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Sample : H1320-12
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Instrument :
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ClientSampleId :
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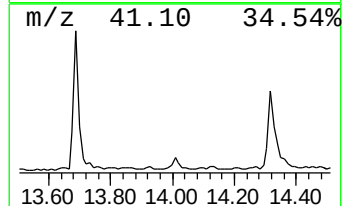
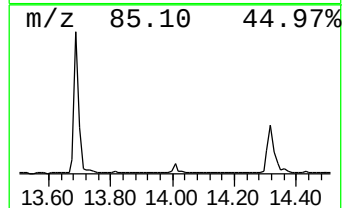
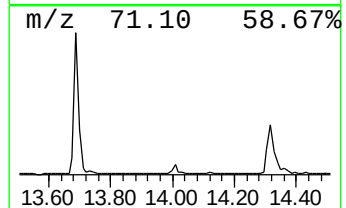
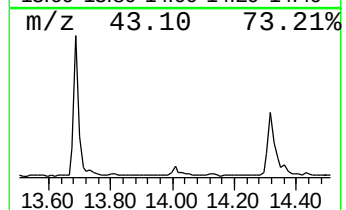
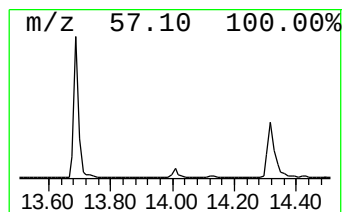
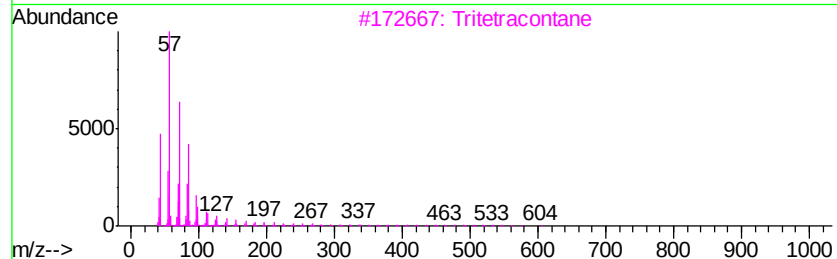
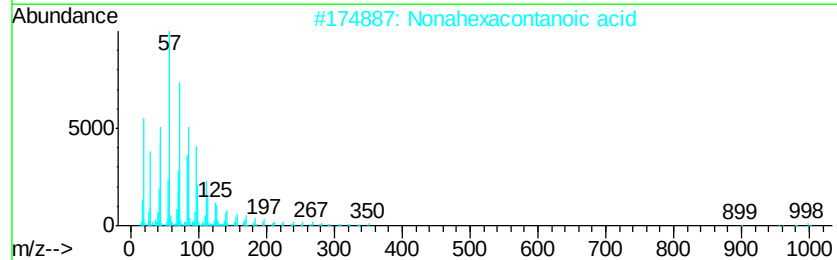
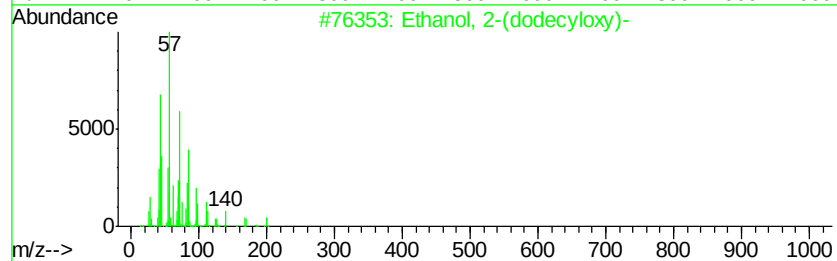
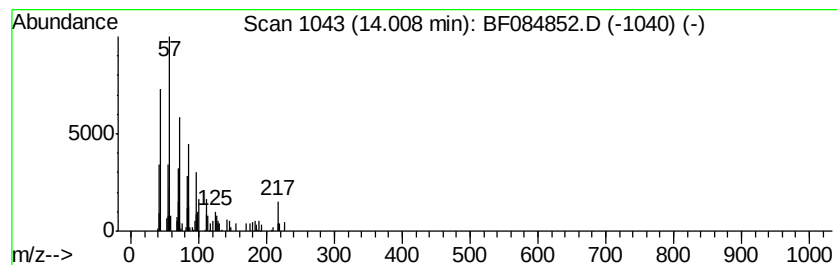
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Ethanol, 2-(dodecyloxy)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.01	2.52 ng	125002	Chrysene-d12	13.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2-(dodecyloxy)-	230	C14H30O2	004536-30-5	72
2		Nonahexacontanoic acid	999	C69H138O2	040710-32-5	64
3		Tritetracontane	605	C43H88	007098-21-7	64
4		Heptadecane	240	C17H36	000629-78-7	58
5		Tetratriacontane	479	C34H70	014167-59-0	58



Data Path : Z:\HPCHEM1\BNA F\DATA\BF020416\
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Sample : H1320-12
Misc :
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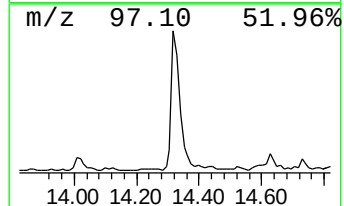
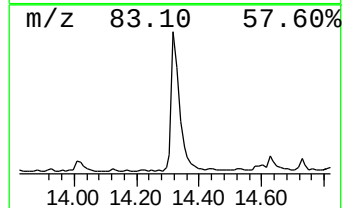
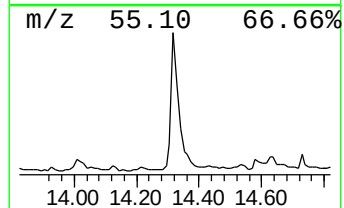
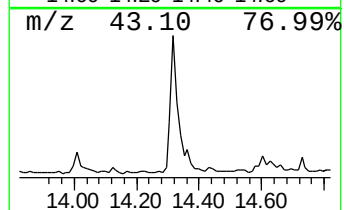
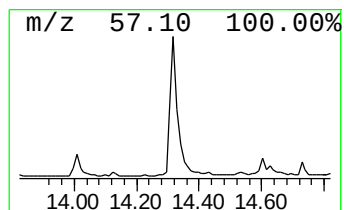
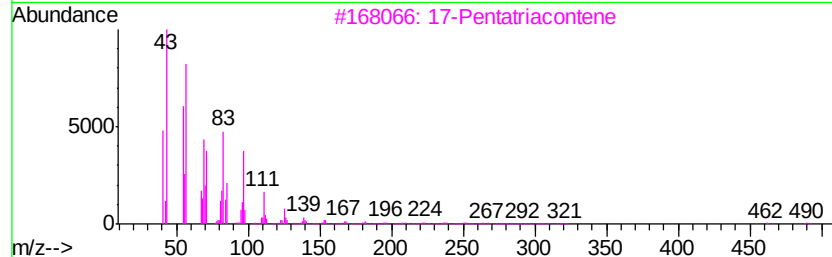
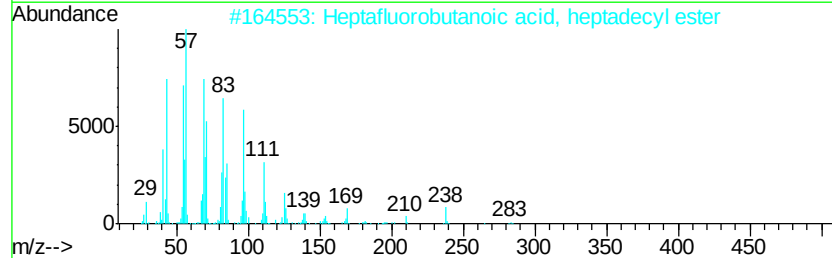
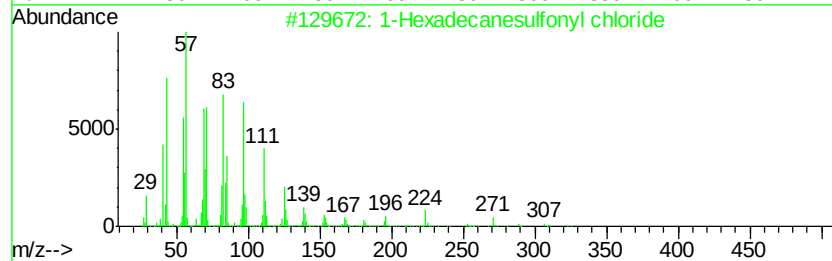
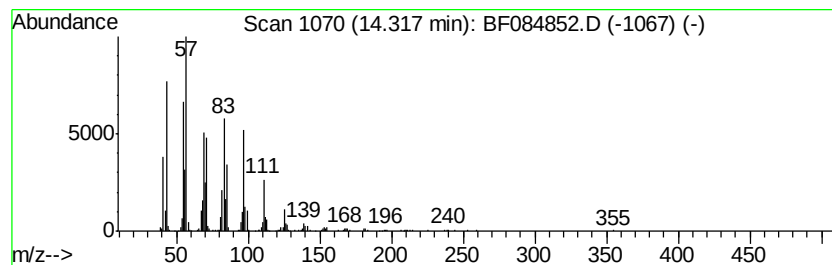
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 1-Hexadecanesulfonyl chloride Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.		
14.32	18.99 ng	942985	Chrysene-d12	13.81		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	91
2		Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	91
3		17-Pentatriacontene	491	C35H70	006971-40-0	90
4		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	90
5		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020416\
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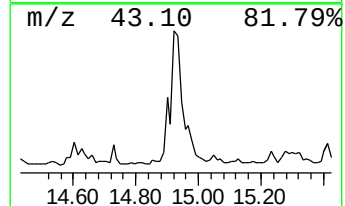
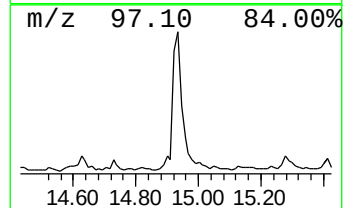
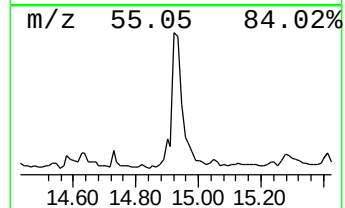
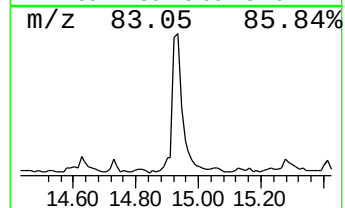
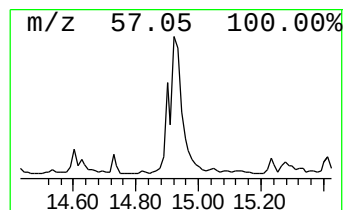
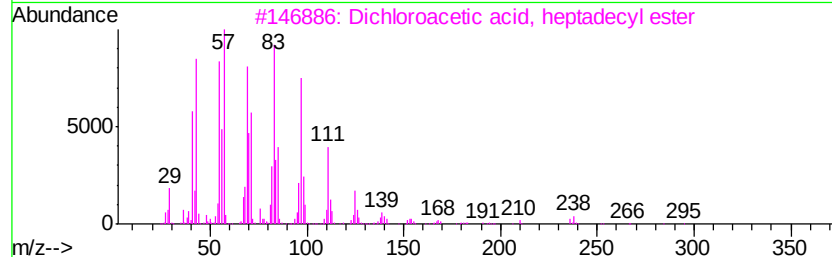
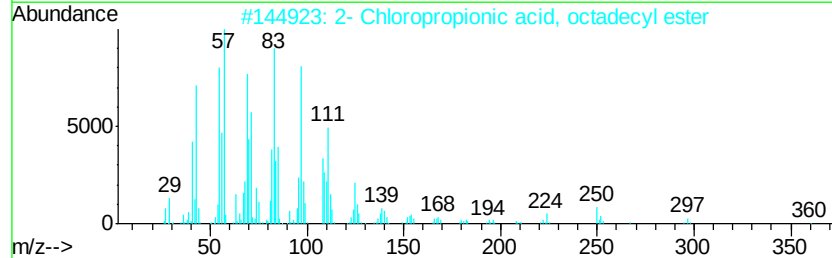
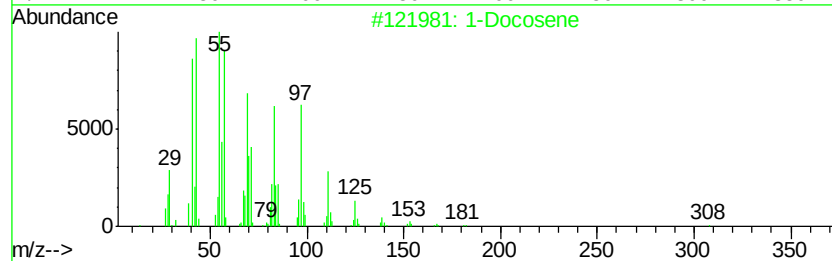
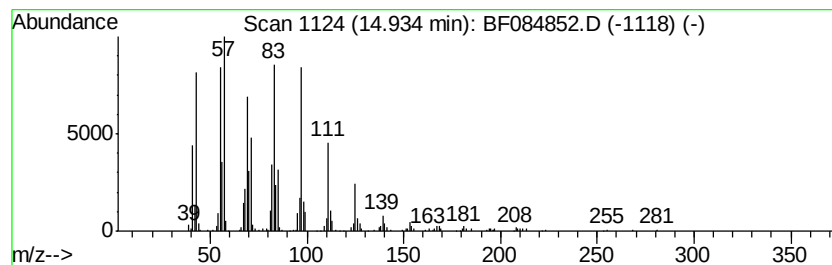
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 1-Docosene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.93	17.07 ng	977839	Perylene-d12	15.20
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Docosene		308 C22H44	001599-67-3 91
2	2- Chloropropionic acid, octadec...		360 C21H41ClO2	088104-31-8 87
3	Dichloroacetic acid, heptadecyl ...		366 C19H36Cl2O2	1000282-98-2 68
4	1-Nonadecene		266 C19H38	018435-45-5 58
5	1-Hexadecanesulfonyl chloride		324 C16H33ClO2S	038775-38-1 58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020416\
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Acq On : 5 Feb 2016 2:15
Operator : SJ/IZ
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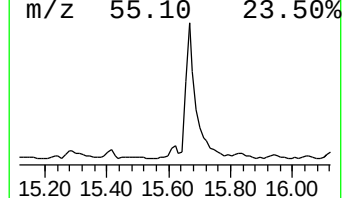
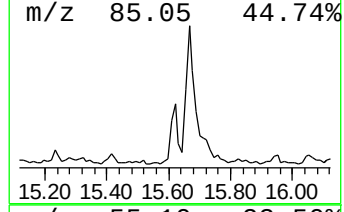
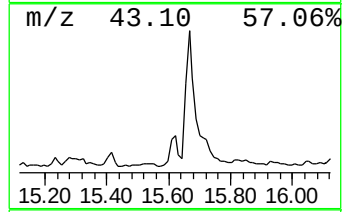
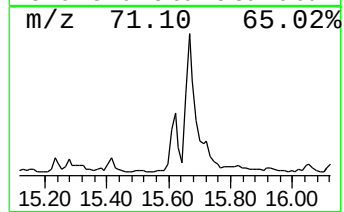
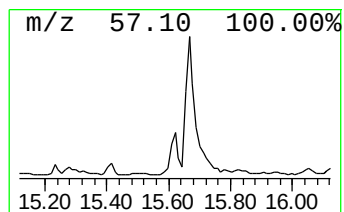
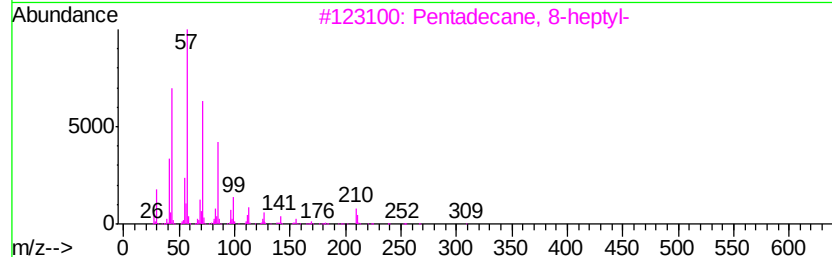
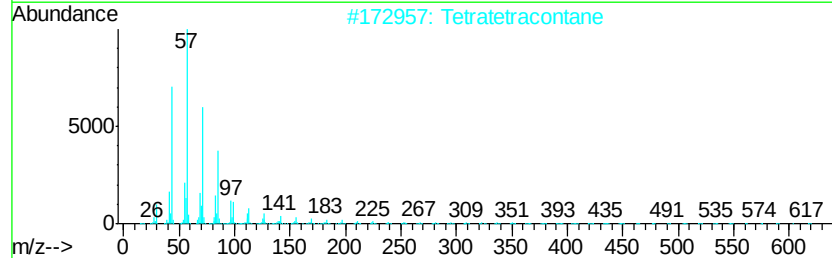
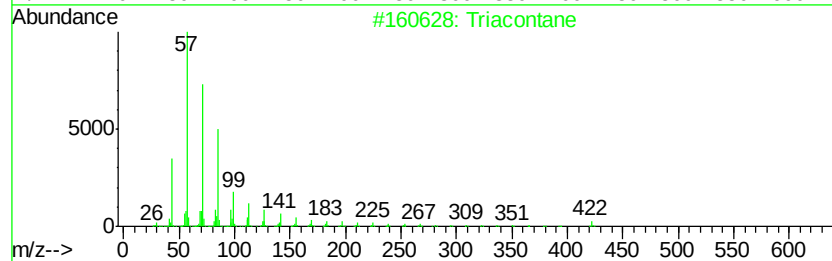
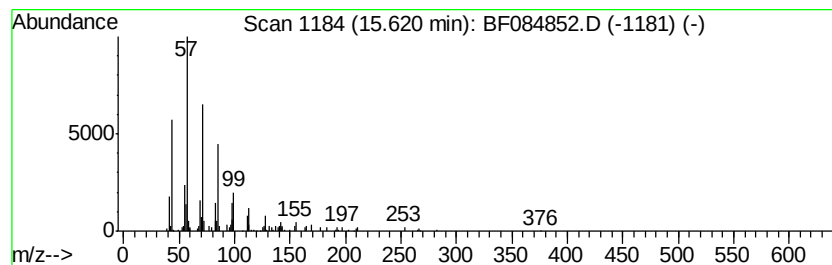
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Triacontane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.62	2.49 ng	142718	Perylene-d12	15.20

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Triacontane	422	C30H62	000638-68-6	91
2			Tetratetracontane	619	C44H90	007098-22-8	90
3			Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90
4			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
5			Octacosane	394	C28H58	000630-02-4	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020416\
Data File : BF084852.D
Acq On : 5 Feb 2016 2:15
Operator : SJ/IZ
Sample : H1320-12
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S4-B013(15-17)

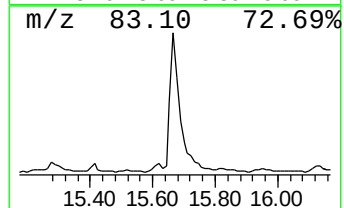
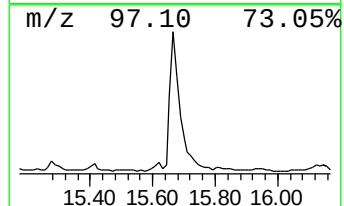
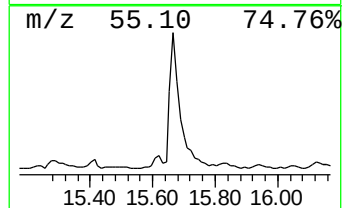
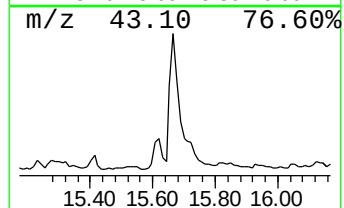
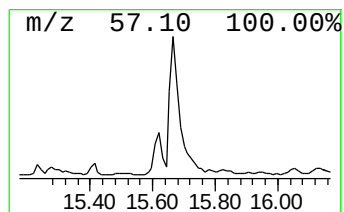
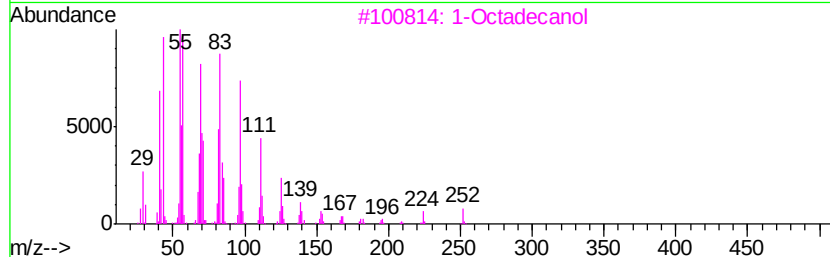
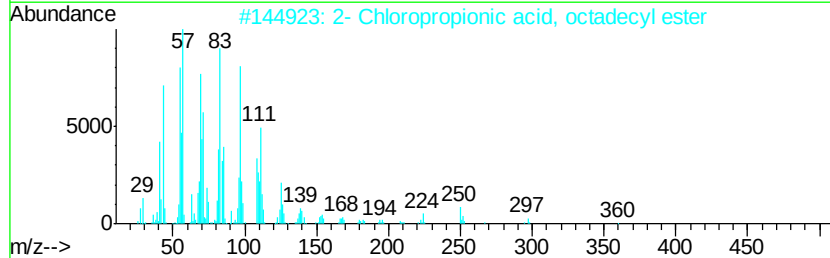
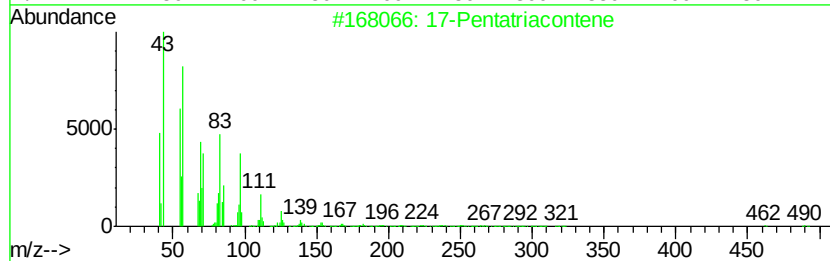
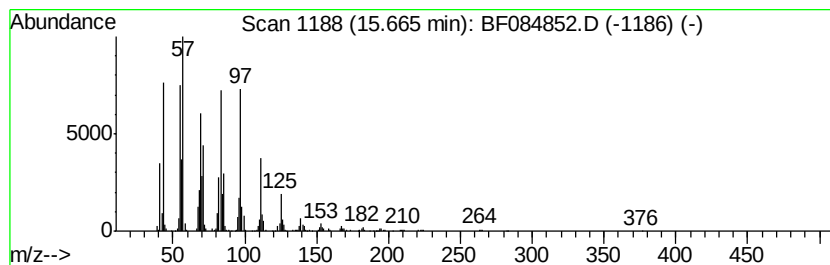
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 17-Pentatriacontene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.67	21.00 ng	1202920	Perylene-d12	15.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	17-Pentatriacontene	491	C35H70	006971-40-0	91
2		2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	87
3		1-Octadecanol	270	C18H38O	000112-92-5	87
4		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	83
5		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	83



Data Path : Z:\HPCHEM1\BNA F\DATA\BF020416\
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Acq On : 5 Feb 2016 2:15
Operator : SJ/IZ
Sample : H1320-12
Misc :
ALS Vial : 24 Sample Multiplier: 1

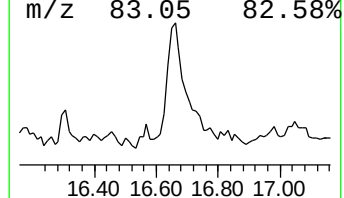
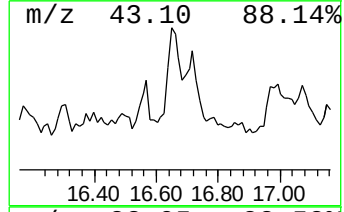
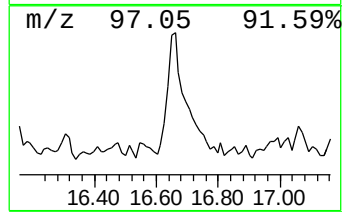
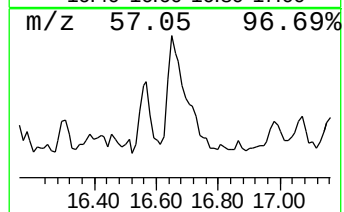
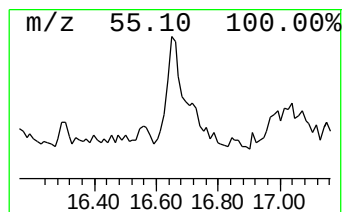
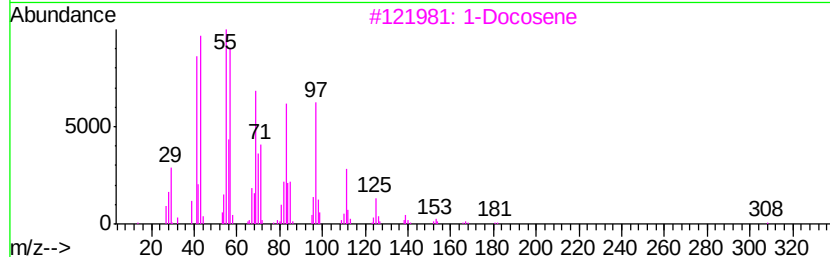
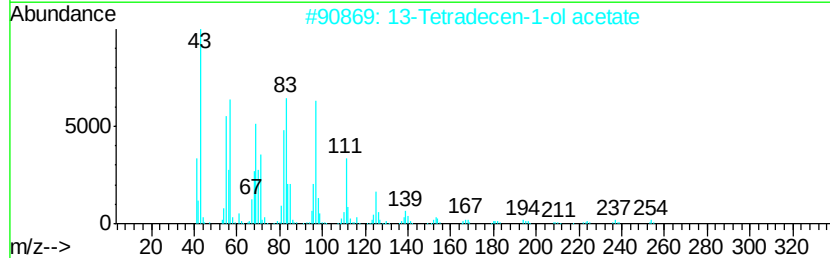
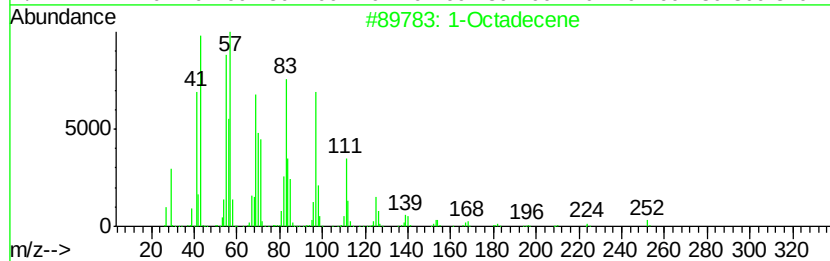
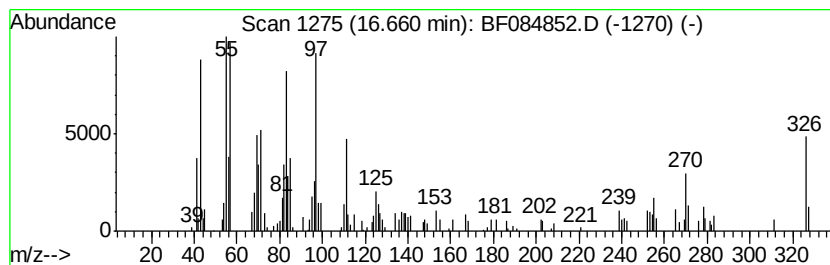
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ClientSampleId :
S4-B013(15-17)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 1-Octadecene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.66	4.59 ng	262892	Perylene-d12	15.20	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene	252	C18H36	000112-88-9	86
2	13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	52
3	1-Docosene	308	C22H44	001599-67-3	52
4	17-Pentatriacontene	491	C35H70	006971-40-0	43
5	1-Eicosanol	298	C20H42O	000629-96-9	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020416\
Data File : BF084852.D
Acq On : 5 Feb 2016 2:15
Operator : SJ/IZ
Sample : H1320-12
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S4-B013(15-17)

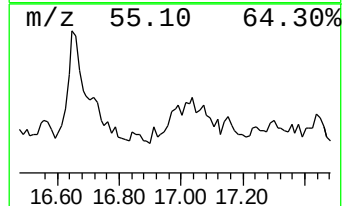
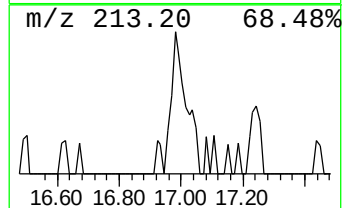
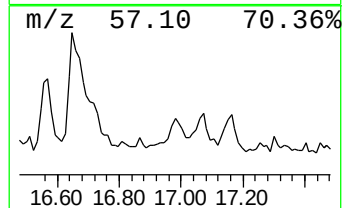
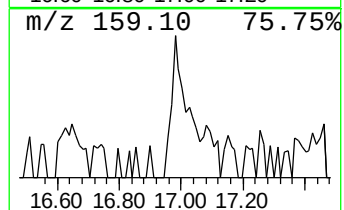
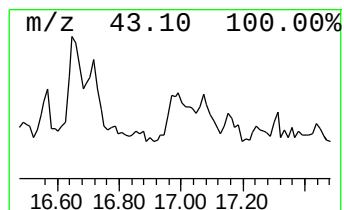
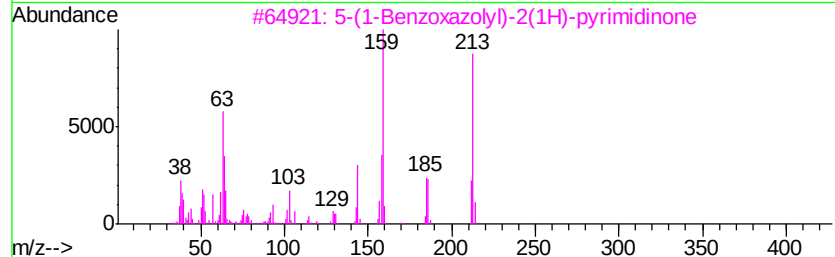
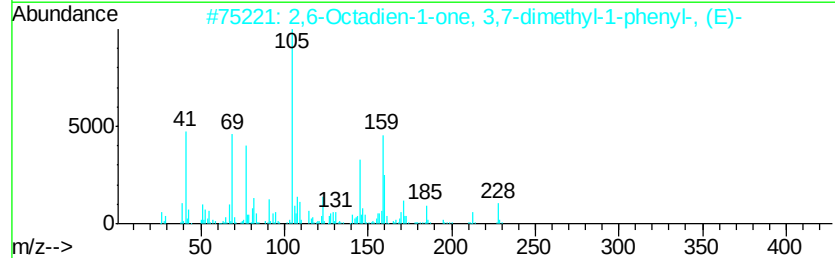
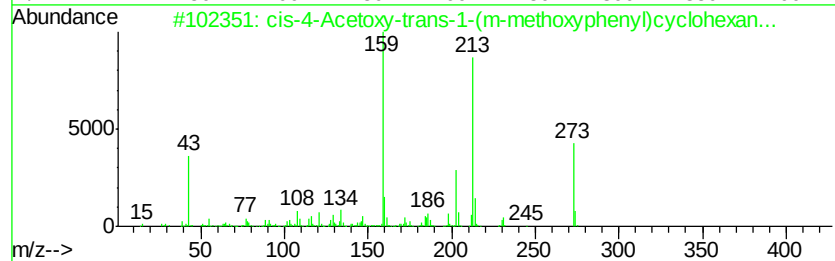
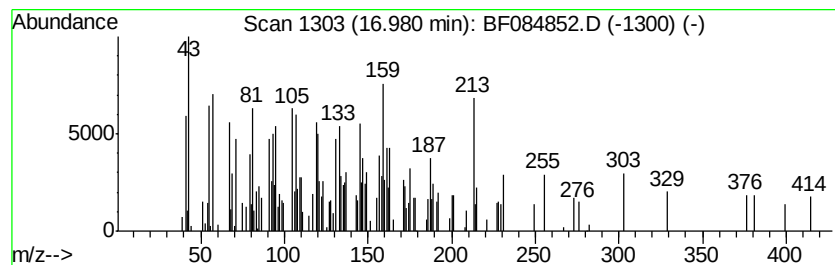
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 unknown16.98 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.98	2.67 ng	152763	Perylene-d12	15.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	cis-4-Acetoxy-trans-1-(m-methoxy...	273	C16H19NO3	1000241-10-4	30
2		2,6-Octadien-1-one, 3,7-dimethyl...	228	C16H20O	075697-95-9	18
3		5-(1-Benzoxazolyl)-2(1H)-pyrimid...	213	C11H7N3O2	349488-95-5	16
4		2-Pentyl-1H-quinolin-4-one	215	C14H17NO	109072-26-6	14
5		6-Octen-1-one, 3-ethenyl-1-phenyl-	228	C16H20O	065564-67-2	11



Data Path : Z:\HPCHEM1\BNA F\DATA\BF020416\
Data File : BF084852.D
Acq On : 5 Feb 2016 2:15
Operator : SJ/IZ
Sample : H1320-12
Misc :
ALS Vial : 24 Sample Multiplier: 1

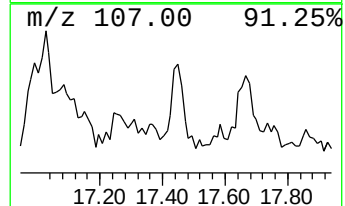
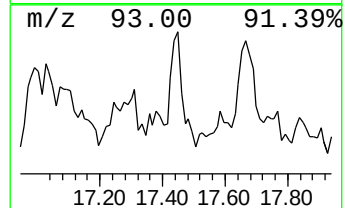
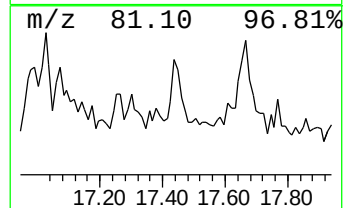
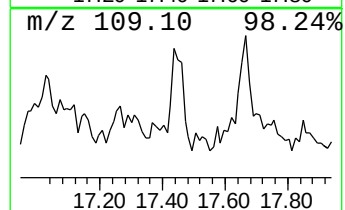
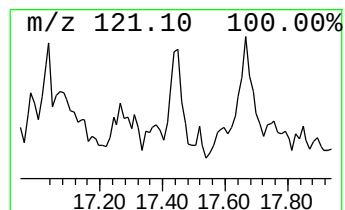
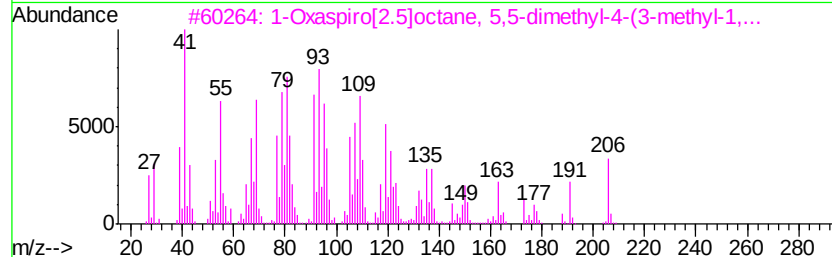
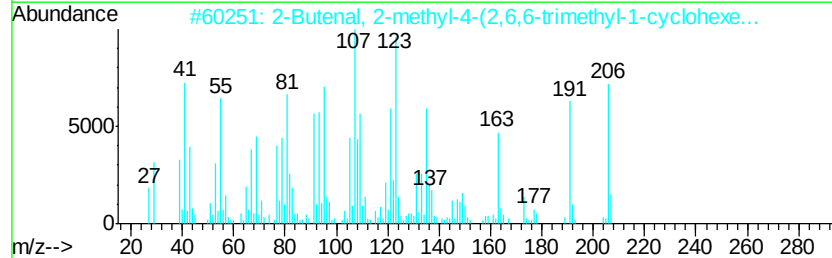
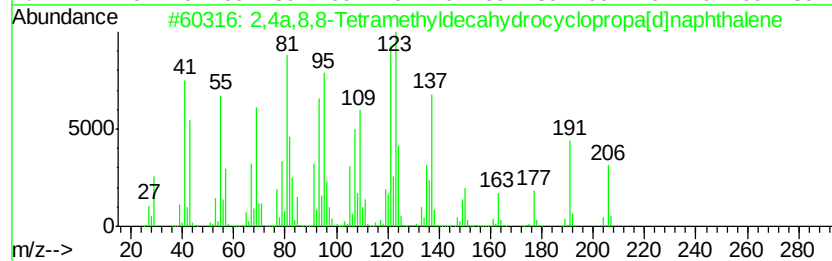
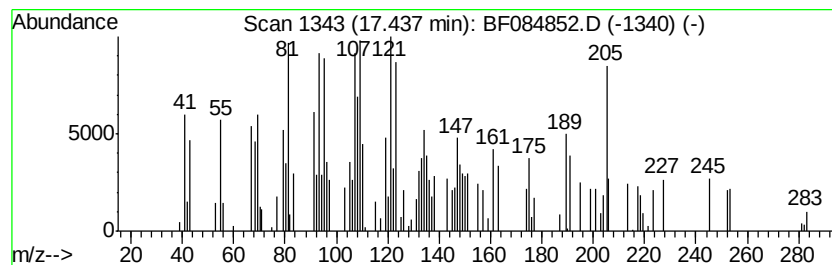
Instrument :
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ClientSampleId :
S4-B013(15-17)

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 2,4a,8,8-Tetramethyldecahyd... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.44	2.57 ng	147145	Perylene-d12	15.20		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4a,8,8-Tetramethyldecahydrocyc...	206	C15H26		074022-04-1	83
2	2-Butenal, 2-methyl-4-(2,6,6-tri...	206	C14H22O		003155-71-3	55
3	1-Oxaspiro[2.5]octane, 5,5-dimet...	206	C14H22O		1000195-92-1	50
4	But-3-enal, 2-methyl-4-(2,6,6-tr...	206	C14H22O		104900-59-6	38
5	4-(1,3,3-Trimethyl-bicyclo[4.1.0...	206	C14H22O		077143-31-8	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020416\
 Data File : BF084852.D
 Acq On : 5 Feb 2016 2:15
 Operator : SJ/IZ
 Sample : H1320-12
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4-B013(15-17)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.83	40.1 ng		1880880	1	6.67	938058	20.0
unknown6.44	6.44	95.3 ng		4468090	1	6.67	938058	20.0
Hexadecane	9.65	2.4 ng		162755	3	9.71	1353380	20.0
Eicosane	11.07	2.6 ng		164724	4	11.18	1254420	20.0
Heneicosane	12.29	11.4 ng		714485	4	11.18	1254420	20.0
Octadecane	13.03	22.3 ng		1108340	5	13.81	993064	20.0
Nonadecane	13.36	2.0 ng		101076	5	13.81	993064	20.0
Octadecane, 1-chl...	13.69	18.1 ng		898800	5	13.81	993064	20.0
Ethanol, 2-(dodec...	14.01	2.5 ng		125002	5	13.81	993064	20.0
1-Hexadecanesulfo...	14.32	19.0 ng		942985	5	13.81	993064	20.0
1-Docosene	14.93	17.1 ng		977839	6	15.20	1145830	20.0
Triacontane	15.62	2.5 ng		142718	6	15.20	1145830	20.0
17-Pentatriacontene	15.67	21.0 ng		1202920	6	15.20	1145830	20.0
1-Octadecene	16.66	4.6 ng		262892	6	15.20	1145830	20.0
unknown16.98	16.98	2.7 ng		152763	6	15.20	1145830	20.0
2,4a,8,8-Tetramet...	17.44	2.6 ng		147145	6	15.20	1145830	20.0