

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012417\
 Data File : BF092447.D
 Acq On : 24 Jan 2017 23:41
 Operator : UM/SJ
 Sample : I1383-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-01-001-A

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-BF012417.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	4.521	210	213	216	rVB	45066	65985	1.41%	0.115%
2	5.150	265	268	271	rBV	1416499	2041409	43.61%	3.551%
3	5.562	301	304	306	rVB	3422606	3410136	72.84%	5.933%
4	6.087	348	350	352	rBV	46098	55416	1.18%	0.096%
5	6.133	352	354	357	rVB	90623	120457	2.57%	0.210%
6	6.499	384	386	390	rBV2	36586	59451	1.27%	0.103%
7	6.590	390	394	396	rBV	3723406	4681380	100.00%	8.144%
8	6.727	403	406	409	rBV	3153443	3668752	78.37%	6.383%
9	6.967	424	427	429	rBV	1166575	989471	21.14%	1.721%
10	7.127	438	441	443	rVB	3192458	3231853	69.04%	5.623%
11	7.527	473	476	479	rBV	2095133	2598666	55.51%	4.521%
12	7.825	500	502	505	rVB	44567	63260	1.35%	0.110%
13	7.950	510	513	514	rBV	33560	46831	1.00%	0.081%
14	8.099	524	526	529	rVB2	37392	61759	1.32%	0.107%
15	8.259	537	540	544	rBV2	1459218	2130253	45.50%	3.706%
16	8.979	601	603	604	rVB	225734	226110	4.83%	0.393%
17	9.070	609	611	614	rBV	116989	152565	3.26%	0.265%
18	9.345	632	635	637	rBV	4317225	4112606	87.85%	7.155%
19	9.448	640	644	646	rVV2	82121	143156	3.06%	0.249%
20	9.539	651	652	654	rVB	53326	48137	1.03%	0.084%
21	9.608	654	658	660	rBV	66192	95395	2.04%	0.166%
22	9.676	660	664	666	rBV	88481	132009	2.82%	0.230%
23	9.733	668	669	671	rVV	297226	307006	6.56%	0.534%
24	9.802	673	675	680	rVB	44167	72571	1.55%	0.126%
25	9.962	687	689	691	rVB	99150	80812	1.73%	0.141%
26	10.031	692	695	696	rVV	1042648	1421602	30.37%	2.473%
27	10.053	696	697	699	rVB	518752	516684	11.04%	0.899%
28	10.225	710	712	715	rVV	352182	373696	7.98%	0.650%
29	10.465	728	733	734	rBV	140363	187156	4.00%	0.326%
30	10.568	740	742	745	rVB	301017	414548	8.86%	0.721%
31	10.682	749	752	755	rVV2	69197	144692	3.09%	0.252%
32	10.728	755	756	758	rVB	68367	73660	1.57%	0.128%
33	10.808	761	763	766	rBV2	976819	1220666	26.07%	2.124%
34	10.934	772	774	778	rVB2	207017	298001	6.37%	0.518%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012417\
 Data File : BF092447.D
 Acq On : 24 Jan 2017 23:41
 Operator : UM/SJ
 Sample : I1383-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-01-001-A

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-BF012417.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.002	778	780	781 rBV	46136	54956	1.17%	0.096%
36	11.128	789	791	794 rBV3	56471	101804	2.17%	0.177%
37	11.254	800	802	805 rVB4	38035	68684	1.47%	0.119%
38	11.311	805	807	810 rVB	73854	111529	2.38%	0.194%
39	11.391	810	814	815 rBV3	156553	254009	5.43%	0.442%
40	11.414	815	816	820 rVB	171750	161989	3.46%	0.282%
41	11.516	822	825	826 rBV	1442798	1454127	31.06%	2.530%
42	11.539	826	827	829 rVV	2106414	1579018	33.73%	2.747%
43	11.585	829	831	833 rVV	381130	431467	9.22%	0.751%
44	11.619	833	834	836 rVB	56676	55336	1.18%	0.096%
45	11.745	842	845	846 rBV	176039	217466	4.65%	0.378%
46	11.814	849	851	852 rVV	161446	134940	2.88%	0.235%
47	11.848	852	854	858 rVV2	37604	62006	1.32%	0.108%
48	11.916	858	860	863 rVB2	192452	199647	4.26%	0.347%
49	12.019	866	869	870 rVV	146396	162120	3.46%	0.282%
50	12.042	870	871	873 rVV	341433	296545	6.33%	0.516%
51	12.088	873	875	876 rVV2	66818	78119	1.67%	0.136%
52	12.122	876	878	883 rVB	187299	377640	8.07%	0.657%
53	12.225	883	887	888 rBV2	83565	133773	2.86%	0.233%
54	12.317	892	895	899 rVB2	97609	203083	4.34%	0.353%
55	12.465	905	908	909 rBV2	40583	67609	1.44%	0.118%
56	12.511	909	912	915 rVV3	32279	65851	1.41%	0.115%
57	12.568	915	917	918 rBV	82604	83347	1.78%	0.145%
58	12.625	918	922	923 rBV	1228507	1732667	37.01%	3.014%
59	12.648	923	924	927 rVB	96574	84927	1.81%	0.148%
60	12.728	927	931	933 rBV	1343396	1359495	29.04%	2.365%
61	12.831	938	940	943 rBV4	49572	109434	2.34%	0.190%
62	12.957	947	951	952 rBV	1079372	1146411	24.49%	1.994%
63	12.979	952	953	958 rVB2	256189	284988	6.09%	0.496%
64	13.071	959	961	962 rBV	55010	71694	1.53%	0.125%
65	13.105	962	964	967 rVB	3387918	3291496	70.31%	5.726%
66	13.174	967	970	972 rBV2	57392	115949	2.48%	0.202%
67	13.288	977	980	981 rVB	93518	148293	3.17%	0.258%
68	13.334	983	984	987 rBV2	219659	361136	7.71%	0.628%
69	13.391	987	989	990 rVV2	57808	79443	1.70%	0.138%
70	13.677	1012	1014	1016 rBV	334049	375484	8.02%	0.653%
71	13.791	1021	1024	1026 rBV3	67378	125875	2.69%	0.219%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012417\
 Data File : BF092447.D
 Acq On : 24 Jan 2017 23:41
 Operator : UM/SJ
 Sample : I1383-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-01-001-A

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON Filtering: 5
 Sampling : 1 Min Area: 3 % of largest Peak
 Start Thrs: 0.2 Max Peaks: 100
 Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.894	1031	1033	1035	rBV3	71943	124210	2.65%	0.216%
73	14.008	1040	1043	1046	rVB	444753	694174	14.83%	1.208%
74	14.145	1052	1055	1060	rBV2	918600	1981866	42.34%	3.448%
75	14.260	1063	1065	1066	rVB2	71239	65879	1.41%	0.115%
76	14.328	1068	1071	1073	rBV2	334522	359566	7.68%	0.626%
77	14.625	1095	1097	1099	rBV	259199	340445	7.27%	0.592%
78	14.945	1123	1125	1129	rVB	286285	335729	7.17%	0.584%
79	15.025	1129	1132	1134	rBV	191874	249925	5.34%	0.435%
80	15.197	1145	1147	1152	rVB	259188	518968	11.09%	0.903%
81	15.288	1153	1155	1159	rVB2	220306	328848	7.02%	0.572%
82	15.505	1171	1174	1177	rBV	146667	219536	4.69%	0.382%
83	15.563	1177	1179	1182	rVV	201076	248463	5.31%	0.432%
84	15.631	1182	1185	1187	rVV	658998	882370	18.85%	1.535%
85	15.677	1187	1189	1192	rVB2	172104	302740	6.47%	0.527%
86	15.791	1197	1199	1202	rBV3	50434	91274	1.95%	0.159%
87	16.134	1226	1229	1231	rBV	162093	274694	5.87%	0.478%
88	16.363	1247	1249	1255	rVB3	71441	155810	3.33%	0.271%
89	16.660	1272	1275	1281	rVB2	104412	228231	4.88%	0.397%
90	16.808	1286	1288	1295	rVB2	75892	172965	3.69%	0.301%
91	17.106	1311	1314	1320	rVB2	104047	217472	4.65%	0.378%
92	17.266	1325	1328	1333	rBV2	88249	242667	5.18%	0.422%
93	17.551	1350	1353	1360	rVB	80162	195428	4.17%	0.340%
94	17.986	1389	1391	1400	rVB	69378	198280	4.24%	0.345%
95	18.854	1464	1467	1473	rVB5	51199	162216	3.47%	0.282%

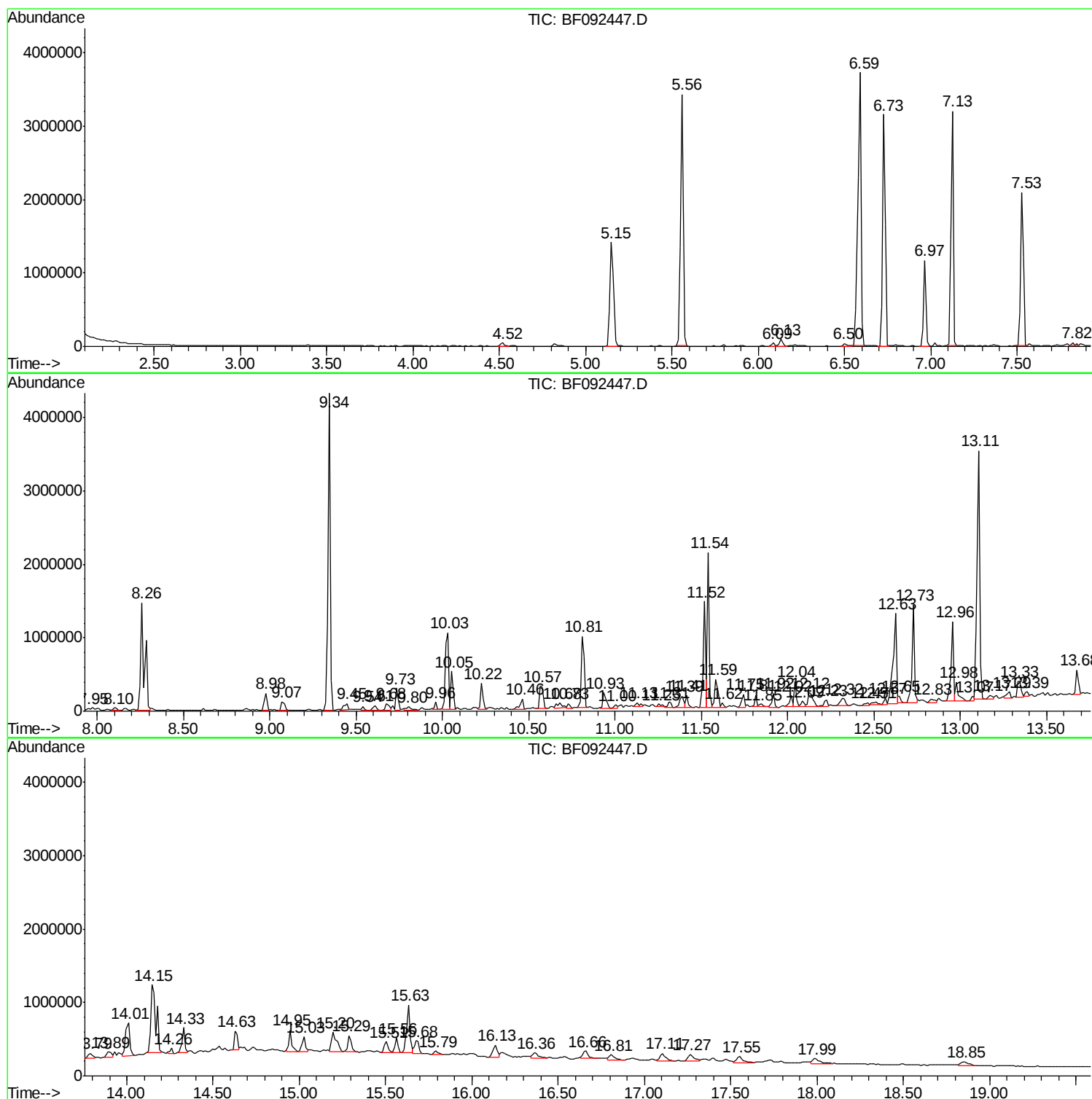
Sum of corrected areas: 57480264

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012417\
Data File : BF092447.D
Acq On : 24 Jan 2017 23:41
Operator : UM/SJ
Sample : I1383-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-SF-01-001-A

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF012417\
Data File : BF092447.D
Acq On : 24 Jan 2017 23:41
Operator : UM/SJ
Sample : I1383-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-SF-01-001-A

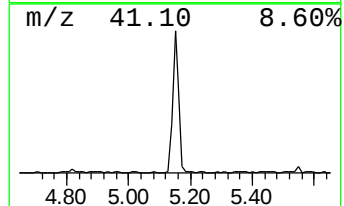
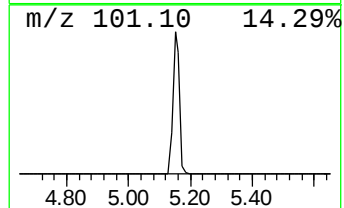
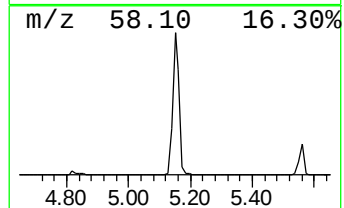
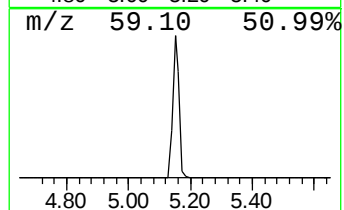
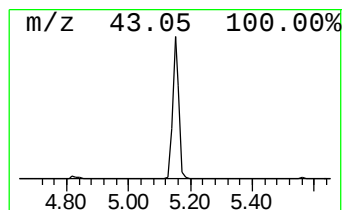
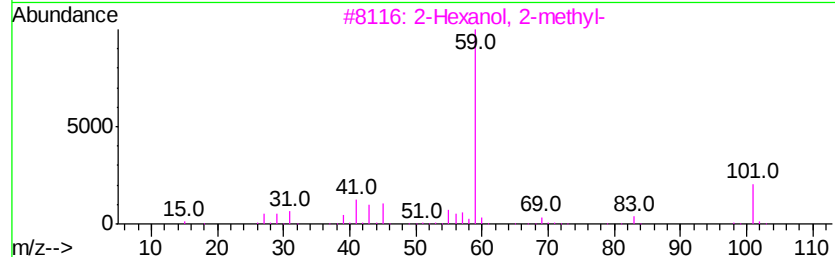
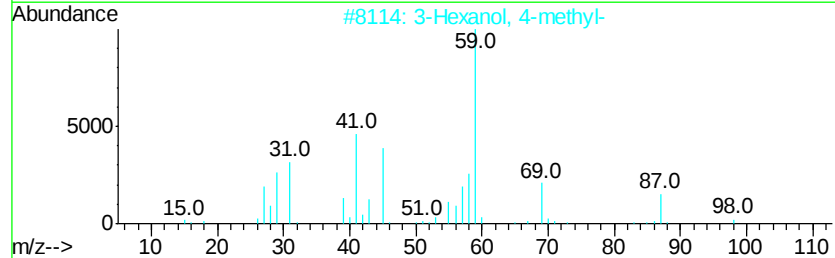
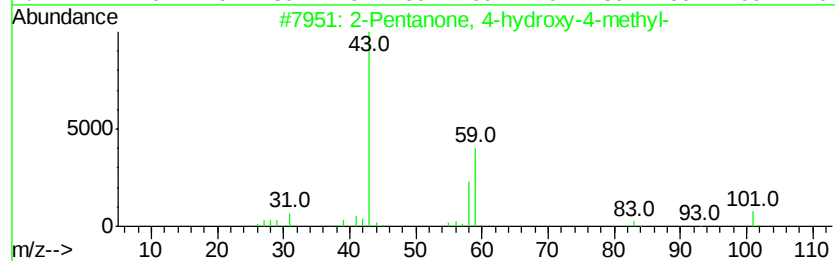
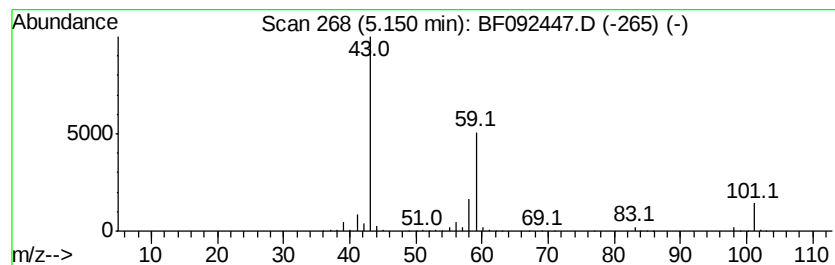
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
5.15	41.26 ng	2041410	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	25
5		1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012417\
Data File : BF092447.D
Acq On : 24 Jan 2017 23:41
Operator : UM/SJ
Sample : I1383-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-SF-01-001-A

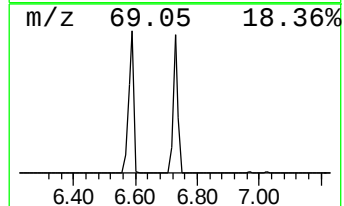
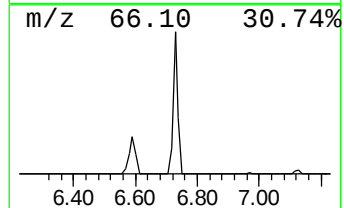
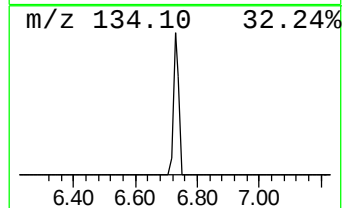
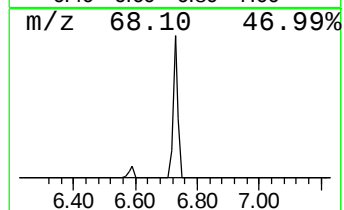
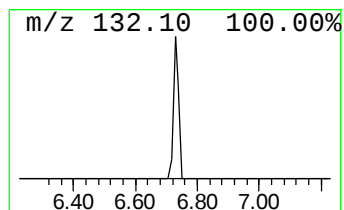
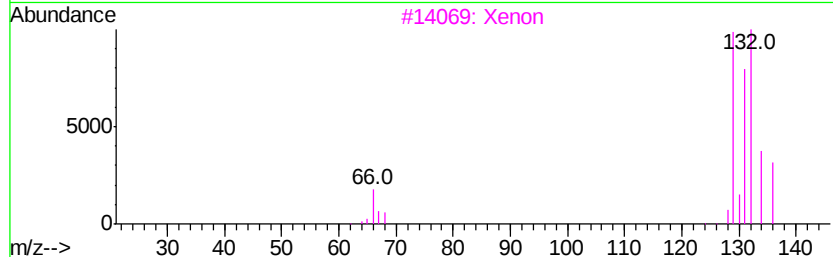
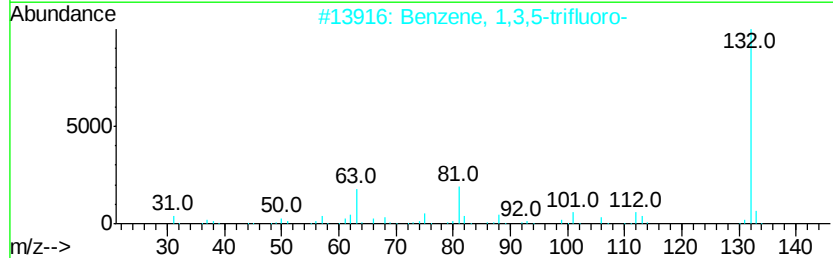
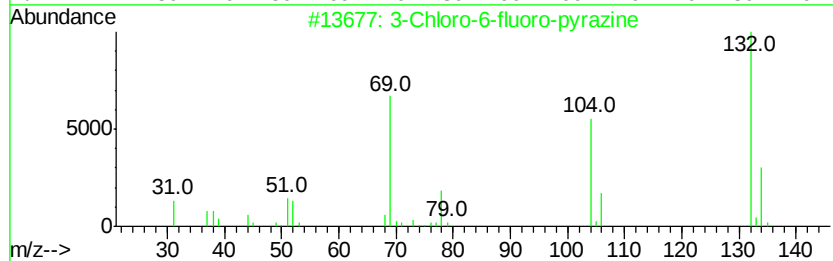
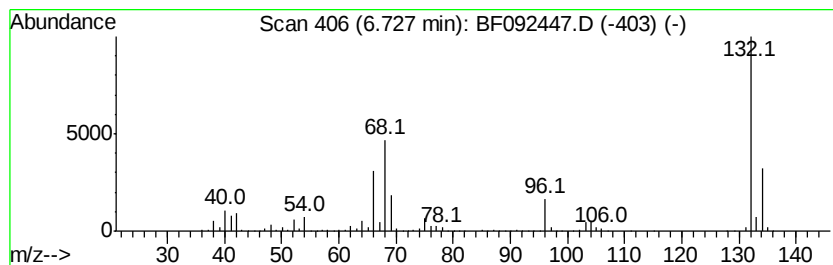
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.73 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	74.16 ng	3668750	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
3		Xenon	132	Xe	007440-63-3	9
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012417\
Data File : BF092447.D
Acq On : 24 Jan 2017 23:41
Operator : UM/SJ
Sample : I1383-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

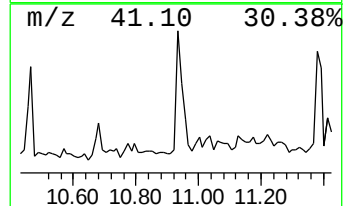
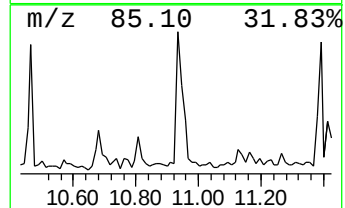
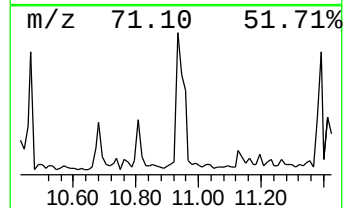
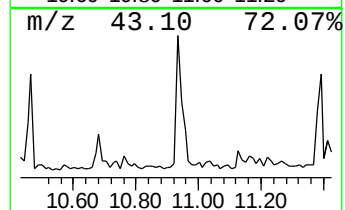
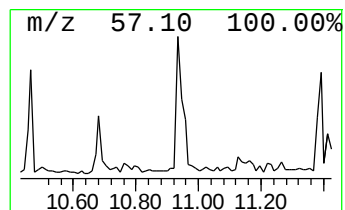
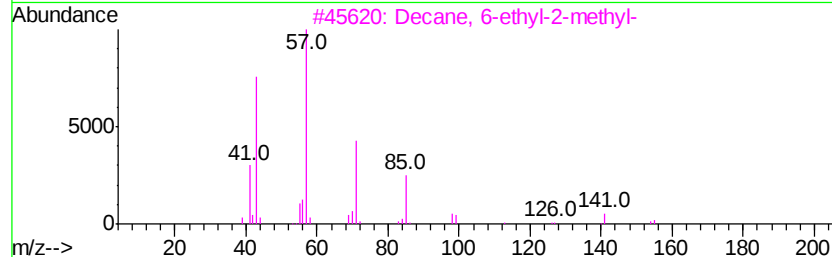
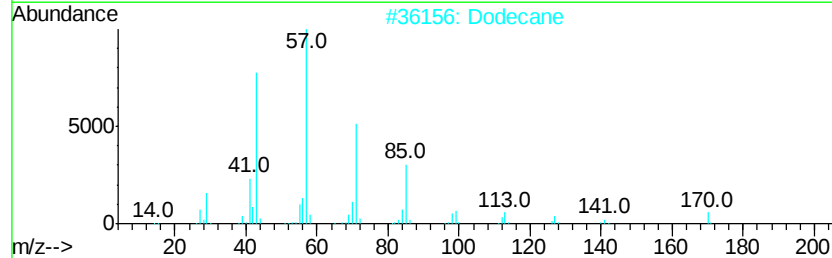
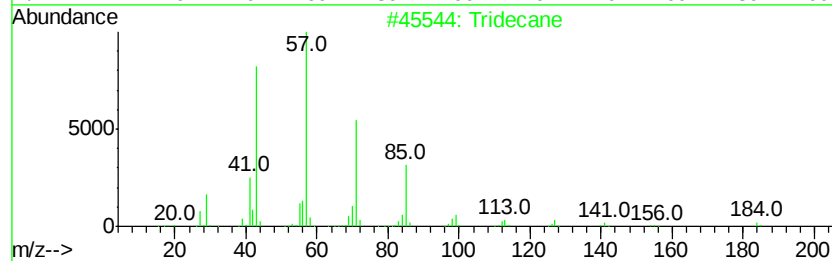
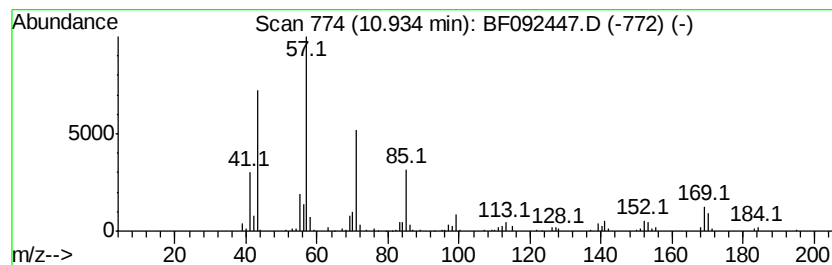
Instrument :
BNA_F
ClientSampleId :
FK-SF-01-001-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Tridecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.93	4.10 ng	298001	Phenanthrene-d10	11.52	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	70
2	Dodecane	170	C12H26	000112-40-3	68
3	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	58
4	Hexadecane	226	C16H34	000544-76-3	52
5	3-Methyl-4-(methoxycarbonyl)hexa...	184	C9H12O4	1000104-10-8	49



Data Path : Z:\HPCHEM1\BNA F\DATA\BF012417\
Data File : BF092447.D
Acq On : 24 Jan 2017 23:41
Operator : UM/SJ
Sample : I1383-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-SF-01-001-A

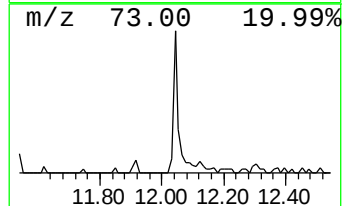
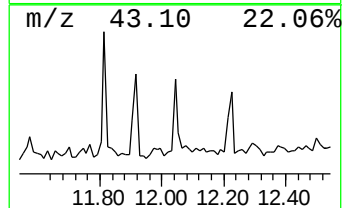
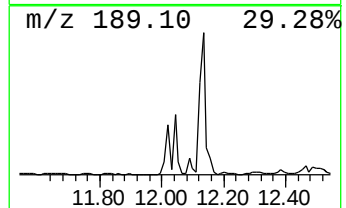
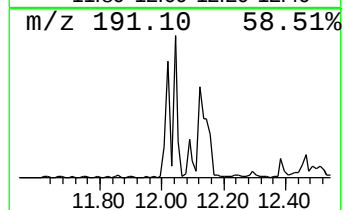
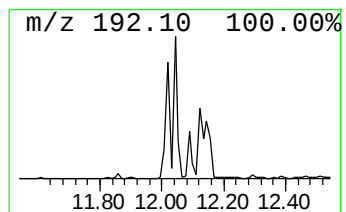
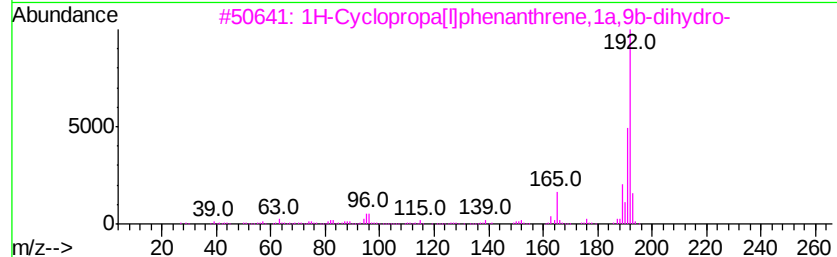
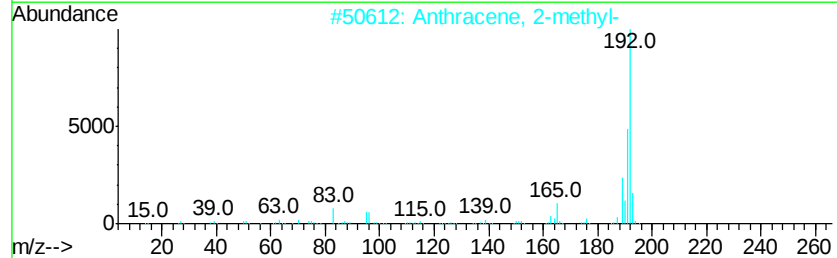
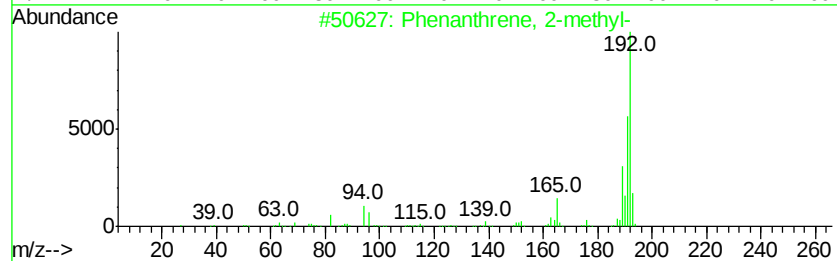
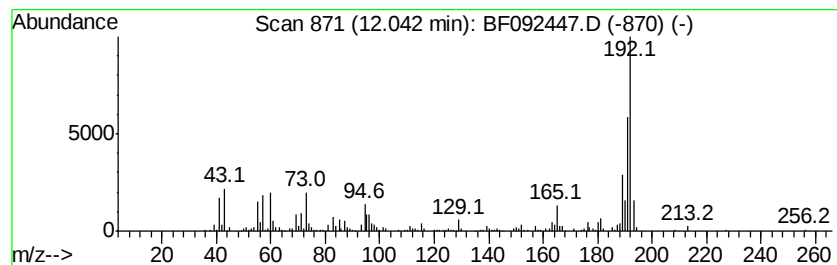
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	4.08 ng	296545	Phenanthrene-d10	11.52

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
3		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	96



Data Path : Z:\HPCHEM1\BNA F\DATA\BF012417\
Data File : BF092447.D
Acq On : 24 Jan 2017 23:41
Operator : UM/SJ
Sample : I1383-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-SF-01-001-A

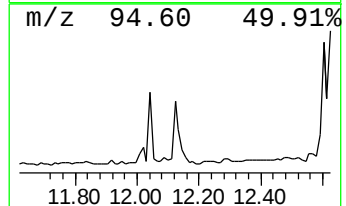
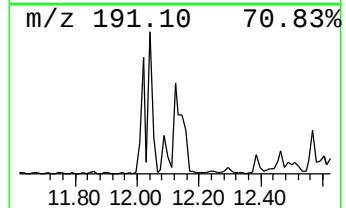
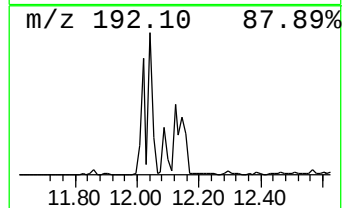
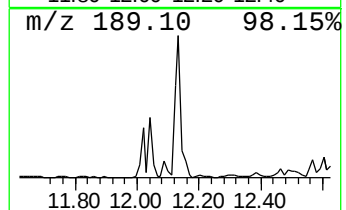
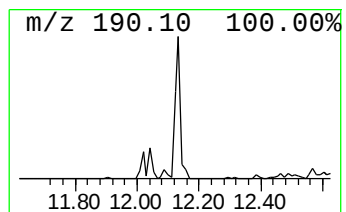
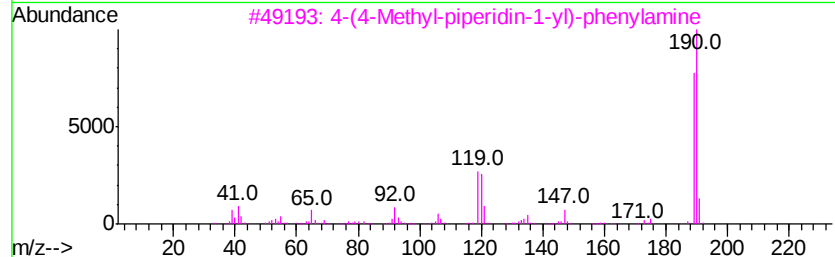
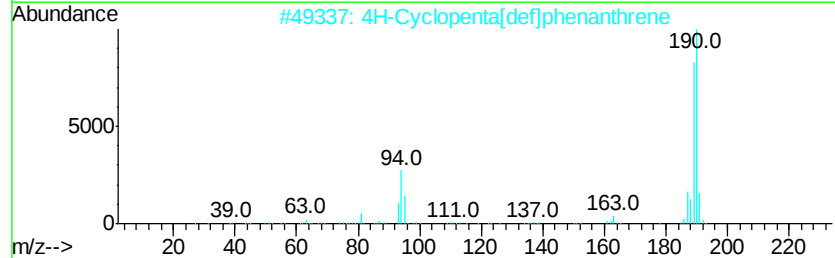
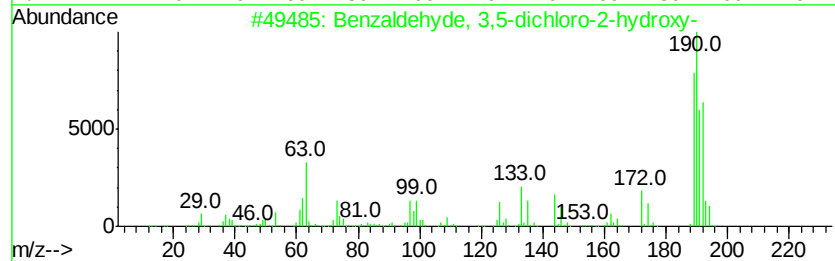
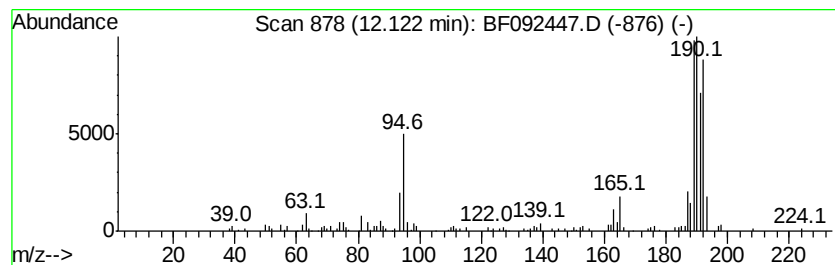
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzaldehyde, 3,5-dichloro-... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	5.19 ng	377640	Phenanthrene-d10	11.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehydve, 3,5-dichloro-2-hvd...	190	C7H4Cl2O2	000090-60-8	59
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
3	4-(4-Methyl-piperidin-1-yl)-phen...	190	C12H18N2	342013-25-6	38
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	30
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012417\
Data File : BF092447.D
Acq On : 24 Jan 2017 23:41
Operator : UM/SJ
Sample : I1383-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-SF-01-001-A

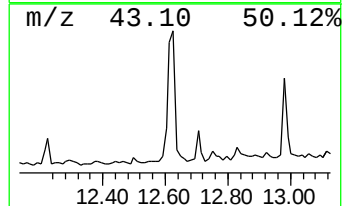
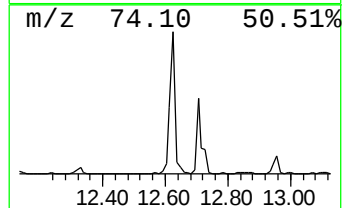
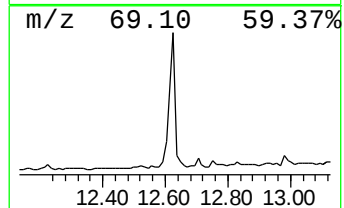
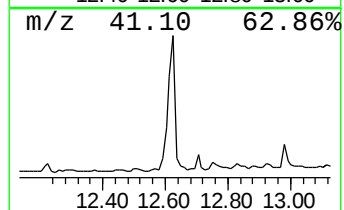
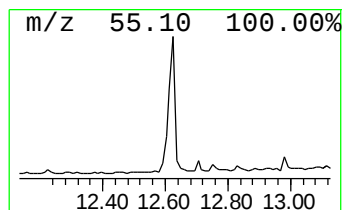
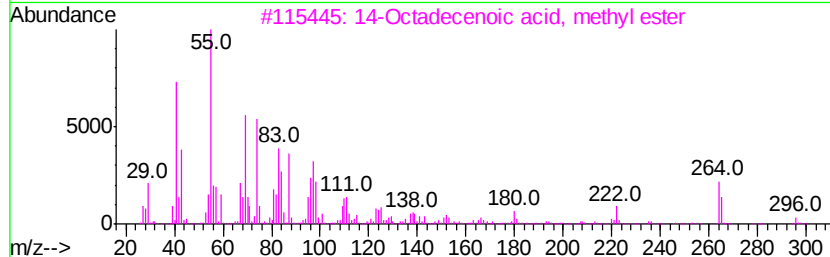
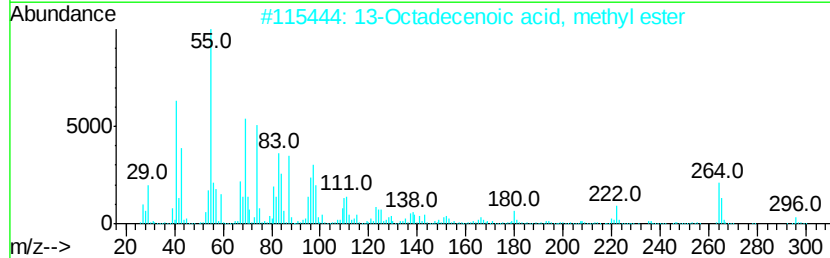
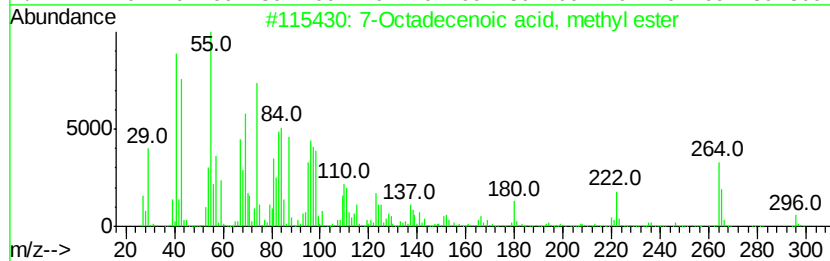
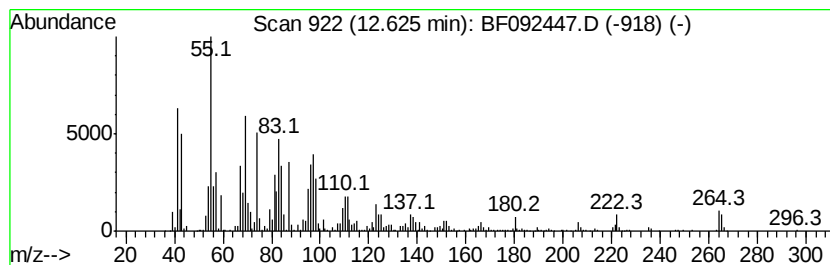
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 7-Octadecenoic acid, methyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	23.83 ng	1732670	Phenanthrene-d10	11.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	7-Octadecenoic acid, methyl ester	296	C19H36O2	057396-98-2	99
2		13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
3		14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99
4		8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	99
5		12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	99



Data Path : Z:\HPCHEM1\BNA F\DATA\BF012417\
Data File : BF092447.D
Acq On : 24 Jan 2017 23:41
Operator : UM/SJ
Sample : I1383-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-SF-01-001-A

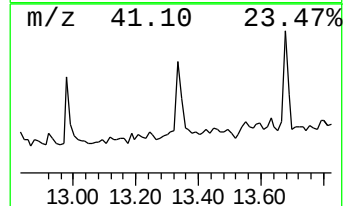
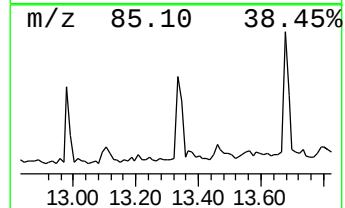
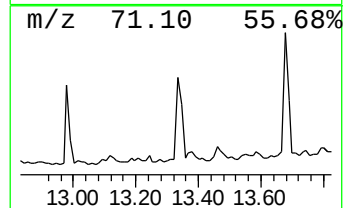
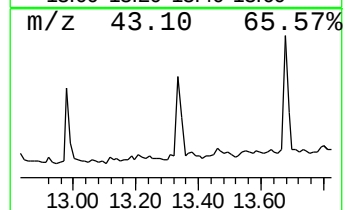
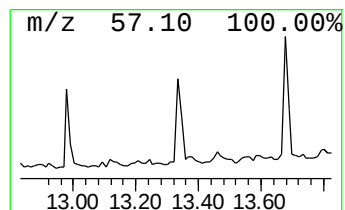
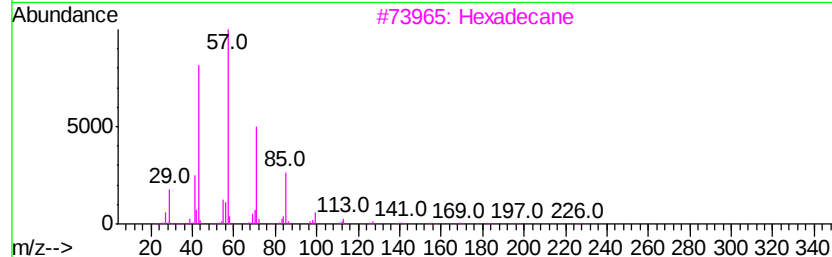
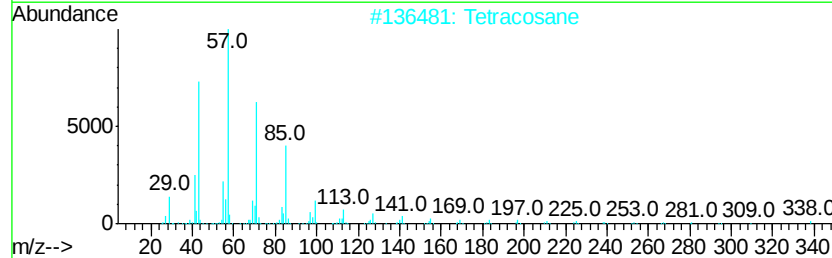
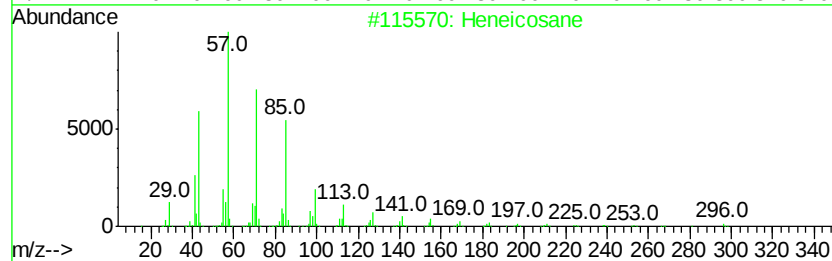
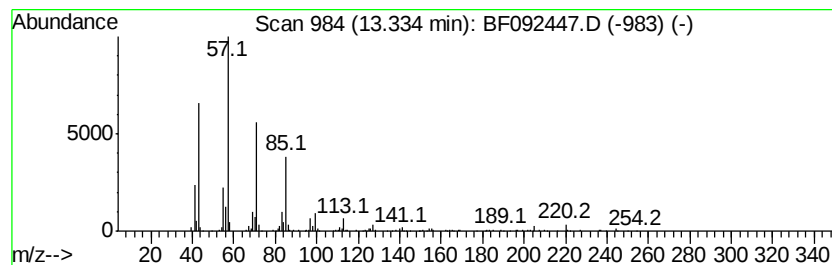
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heneicosane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.33	3.64 ng	361136	Chrysene-d12	14.16

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	90
2	Tetracosane		338	C24H50	000646-31-1	86
3	Hexadecane		226	C16H34	000544-76-3	80
4	Eicosane		282	C20H42	000112-95-8	74
5	Decane, 3-methyl-		156	C11H24	013151-34-3	68



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012417\
Data File : BF092447.D
Acq On : 24 Jan 2017 23:41
Operator : UM/SJ
Sample : I1383-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-SF-01-001-A

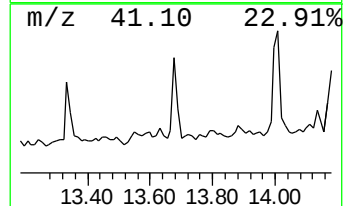
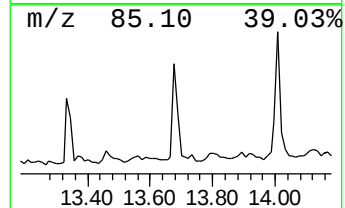
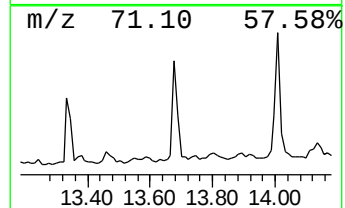
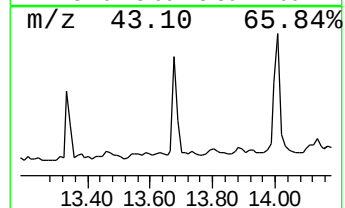
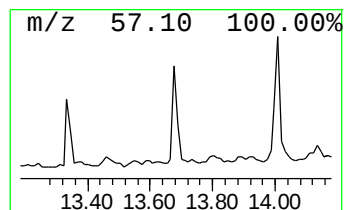
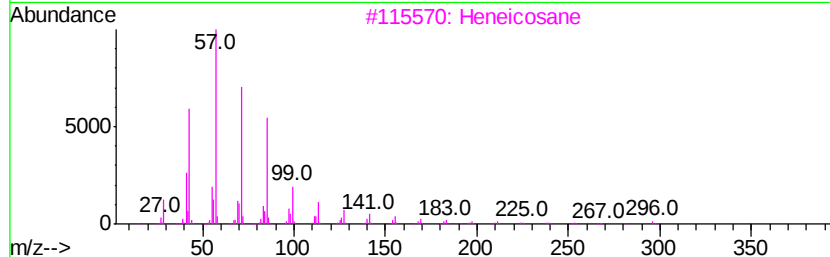
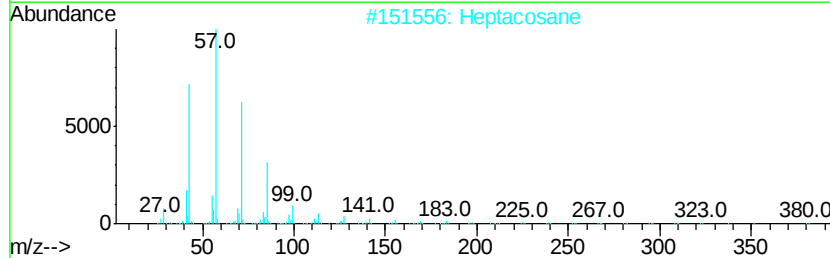
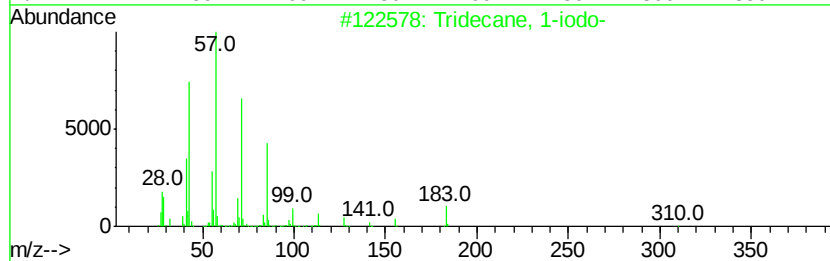
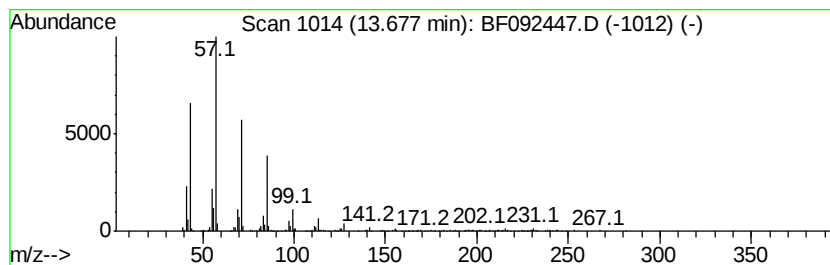
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tridecane, 1-iodo- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.68	3.79 ng	375484	Chrysene-d12	14.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
2		Heptacosane	380	C27H56	000593-49-7	90
3		Heneicosane	296	C21H44	000629-94-7	90
4		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
5		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012417\
Data File : BF092447.D
Acq On : 24 Jan 2017 23:41
Operator : UM/SJ
Sample : I1383-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-SF-01-001-A

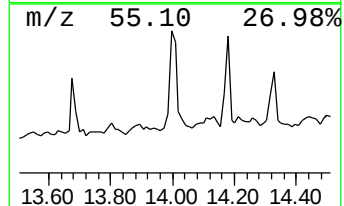
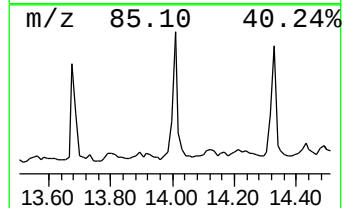
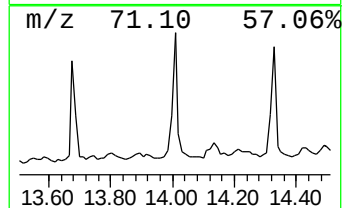
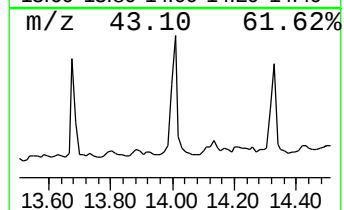
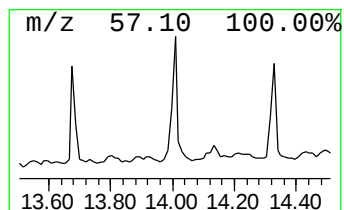
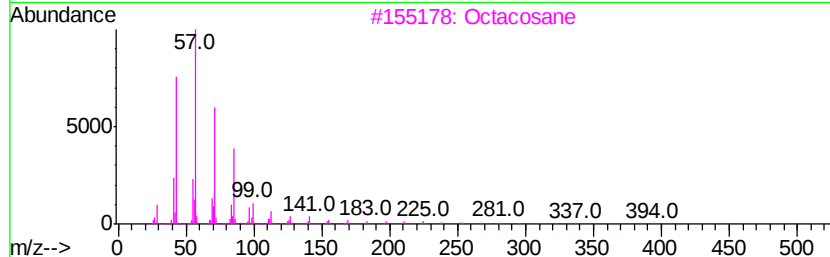
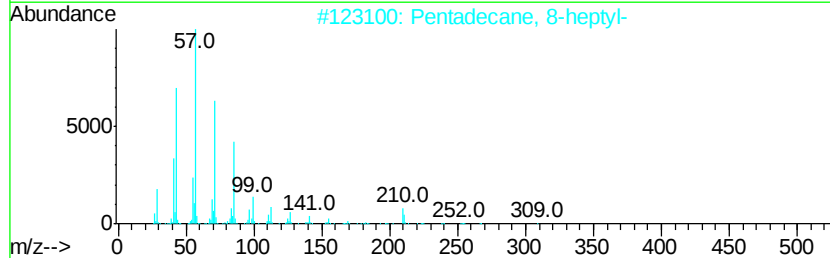
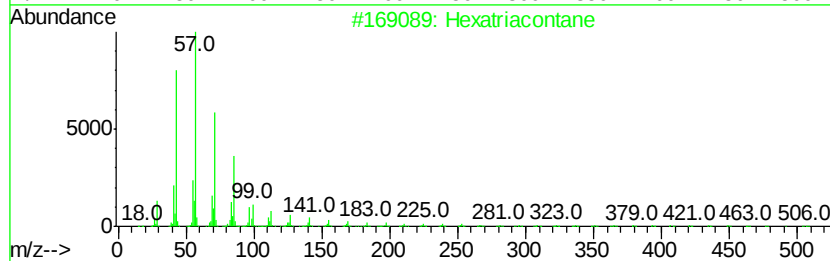
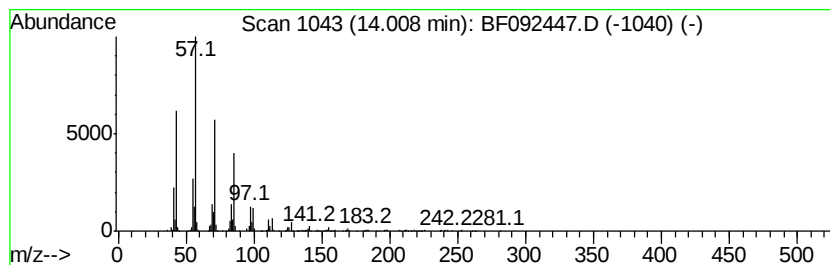
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Hexatriacontane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.01	7.01 ng	694174	Chrysene-d12	14.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexatriacontane	507	C36H74	000630-06-8	91
2		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90
3		Octacosane	394	C28H58	000630-02-4	90
4		Pentadecane	212	C15H32	000629-62-9	87
5		Nonadecane, 9-methyl-	282	C20H42	013287-24-6	87



Data Path : Z:\HPCHEM1\BNA F\DATA\BF012417\
Data File : BF092447.D
Acq On : 24 Jan 2017 23:41
Operator : UM/SJ
Sample : I1383-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-SF-01-001-A

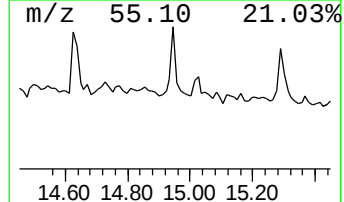
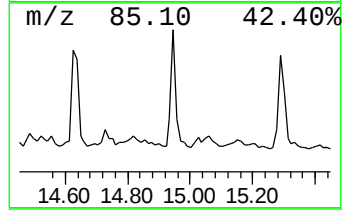
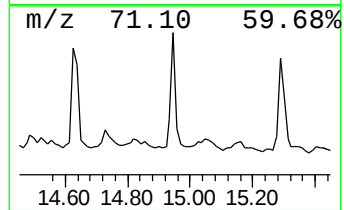
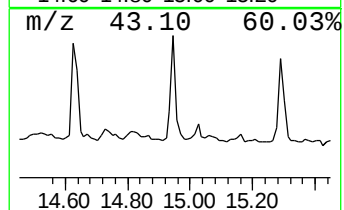
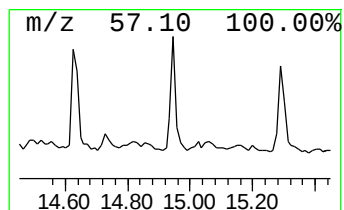
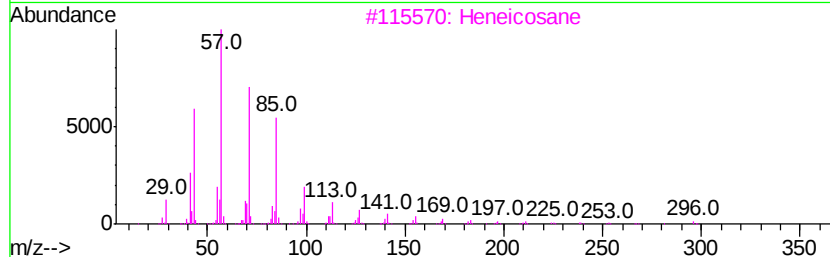
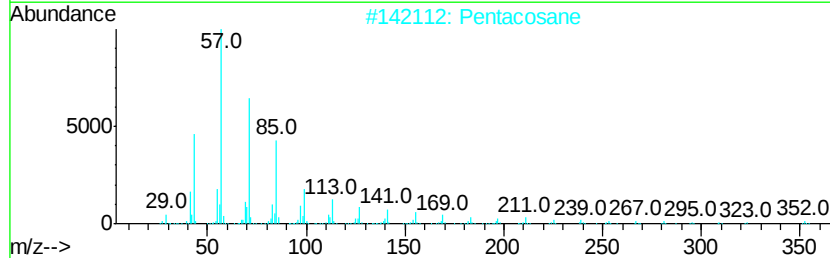
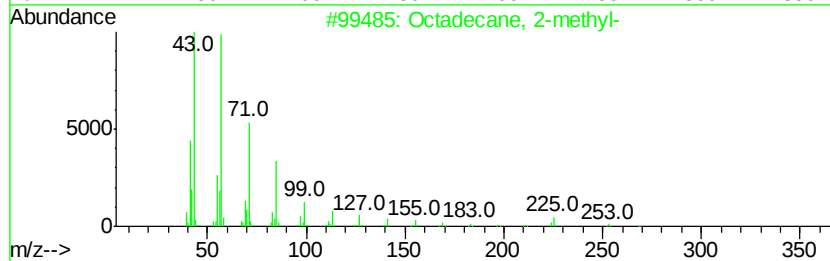
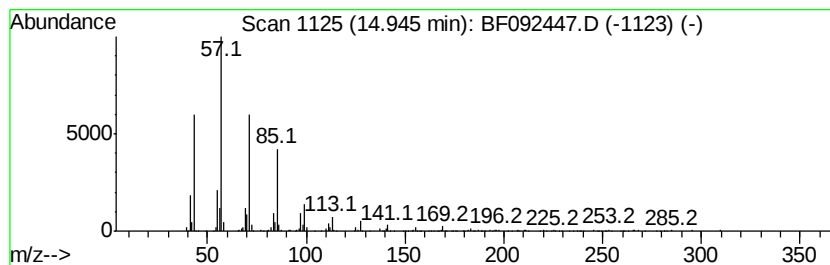
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Octadecane, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.95	7.61 ng	335729	Perylene-d12	15.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
2		Pentacosane	352	C25H52	000629-99-2	90
3		Heneicosane	296	C21H44	000629-94-7	90
4		Eicosane	282	C20H42	000112-95-8	87
5		Nonacosane	408	C29H60	000630-03-5	86



Data Path : Z:\HPCHEM1\BNA F\DATA\BF012417\
Data File : BF092447.D
Acq On : 24 Jan 2017 23:41
Operator : UM/SJ
Sample : I1383-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-SF-01-001-A

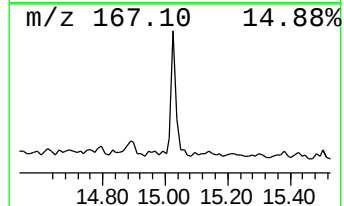
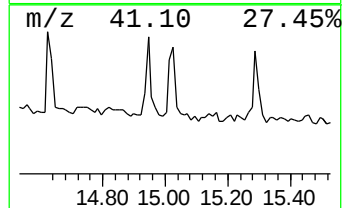
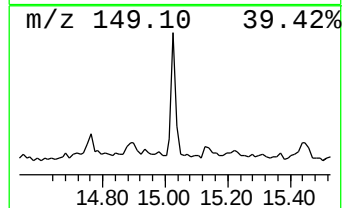
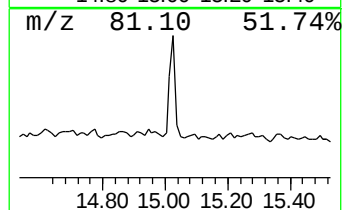
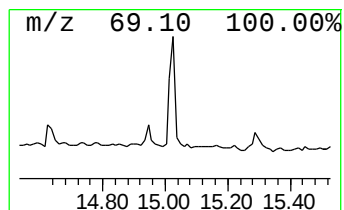
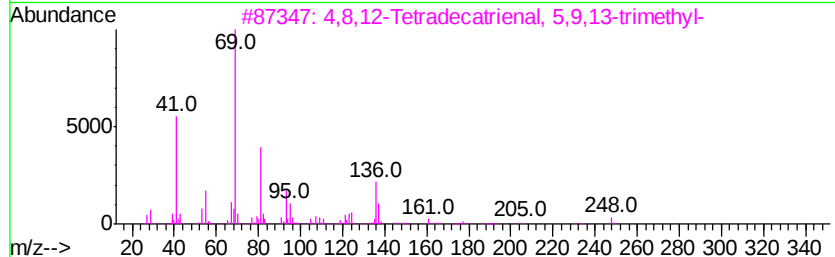
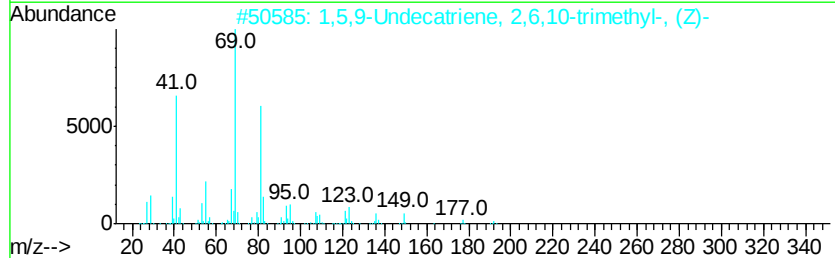
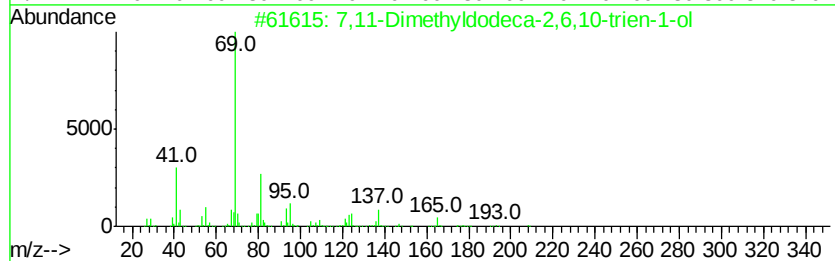
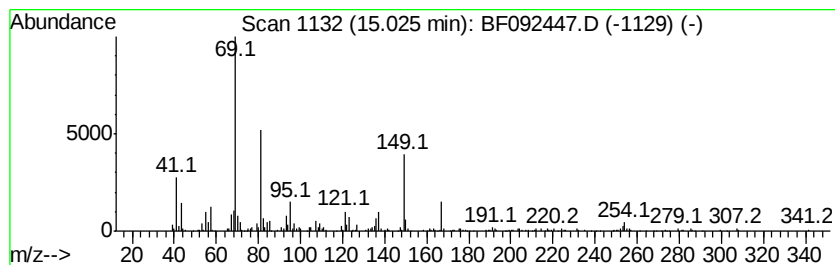
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 7,11-Dimethyldodeca-2,6,10-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.03	5.66 ng	249925	Perylene-d12	15.63

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	53
2			1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	49
3			4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	47
4			Squalene	410	C30H50	007683-64-9	47
5			6,11-Dimethyl-2,6,10-dodecatrien...	208	C14H24O	1000196-53-3	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012417\
Data File : BF092447.D
Acq On : 24 Jan 2017 23:41
Operator : UM/SJ
Sample : I1383-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

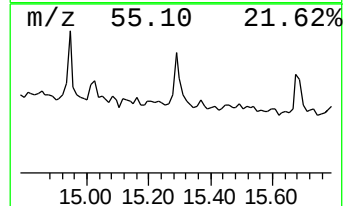
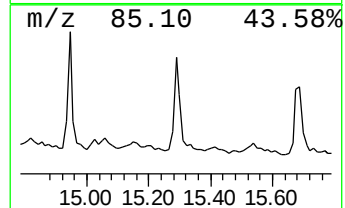
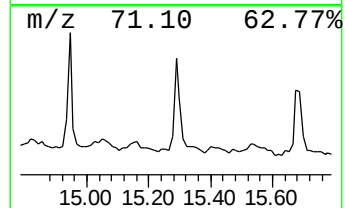
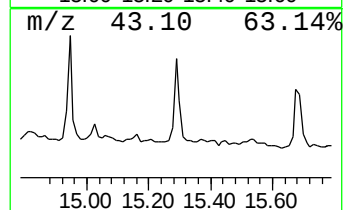
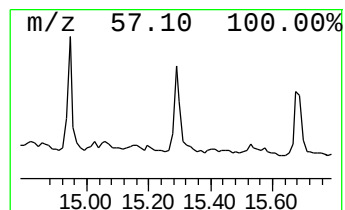
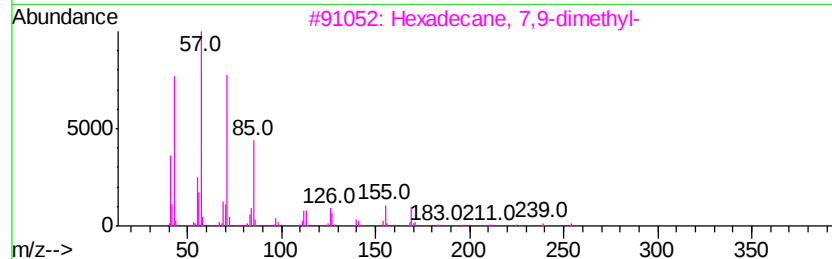
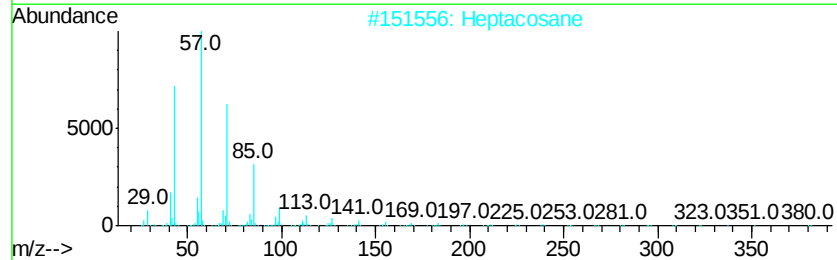
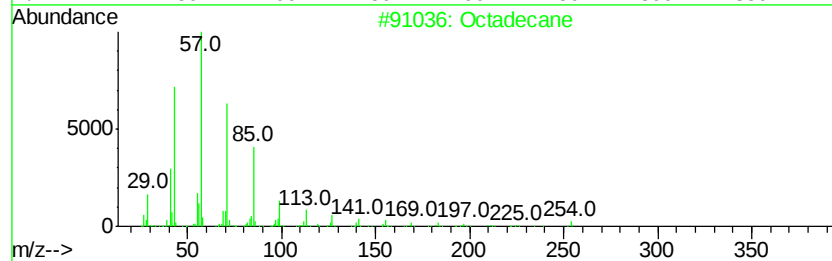
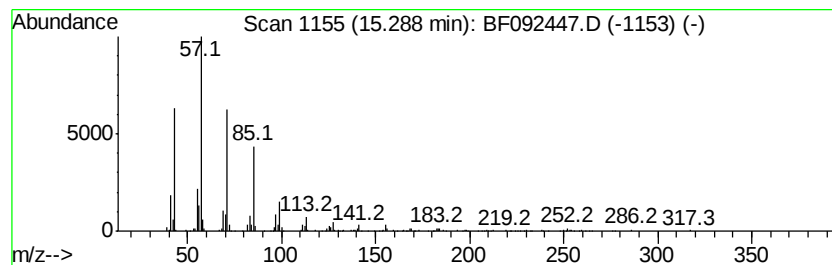
Instrument :
BNA_F
ClientSampleId :
FK-SF-01-001-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Octadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.29	7.45 ng	328848	Perylene-d12	15.63
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octadecane	254 C18H38	000593-45-3	93
2	Heptacosane	380 C27H56	000593-49-7	91
3	Hexadecane, 7,9-dimethyl-	254 C18H38	021164-95-4	91
4	Tridecane, 2-methyl-	198 C14H30	001560-96-9	91
5	Nonadecane	268 C19H40	000629-92-5	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012417\
Data File : BF092447.D
Acq On : 24 Jan 2017 23:41
Operator : UM/SJ
Sample : I1383-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-SF-01-001-A

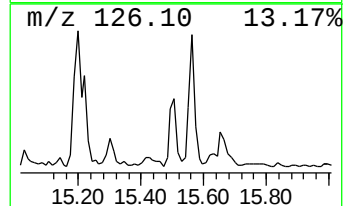
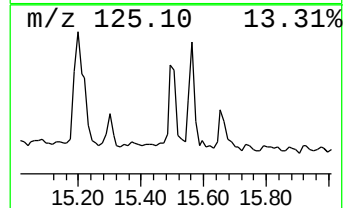
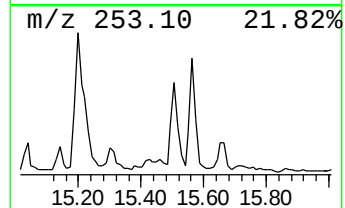
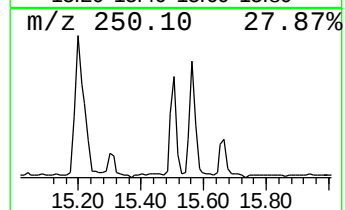
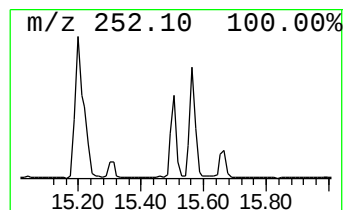
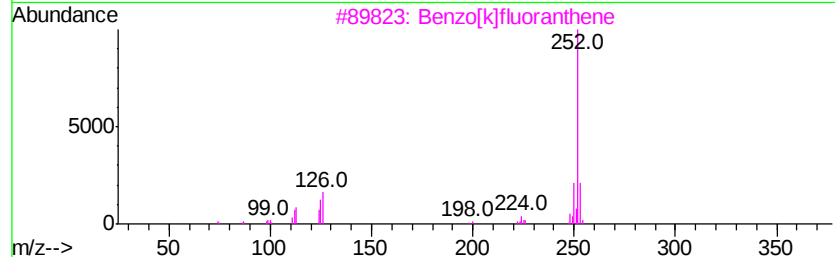
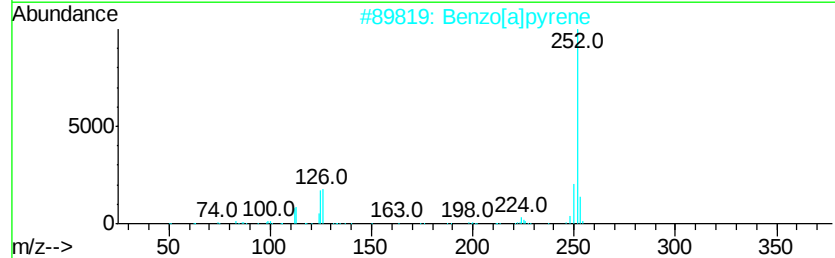
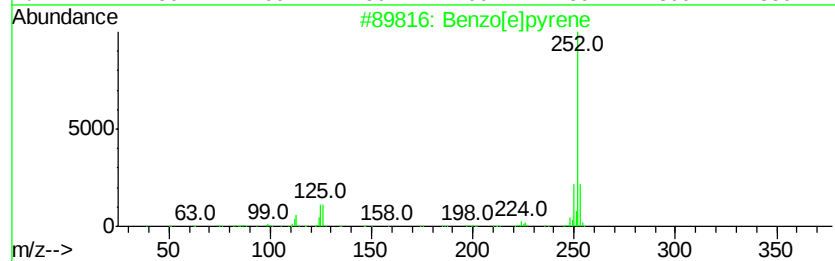
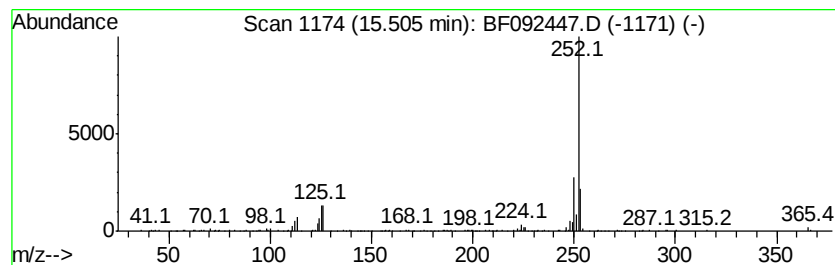
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Benzo[e]pyrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.51	4.98 ng	219536	Perylene-d12	15.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2		Benzo[a]pyrene	252	C20H12	000050-32-8	95
3		Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
5		Perylene	252	C20H12	000198-55-0	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF012417\
Data File : BF092447.D
Acq On : 24 Jan 2017 23:41
Operator : UM/SJ
Sample : I1383-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-SF-01-001-A

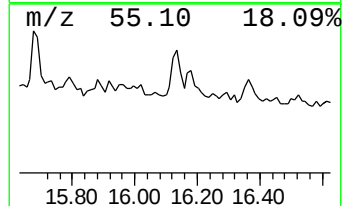
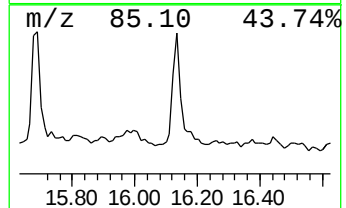
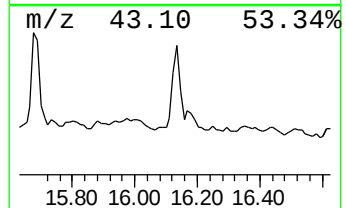
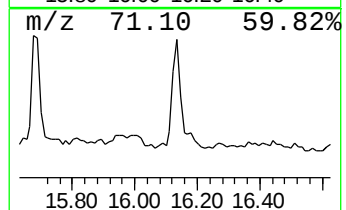
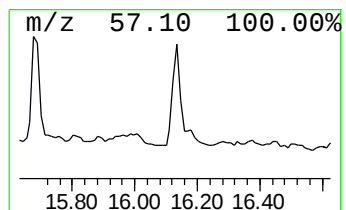
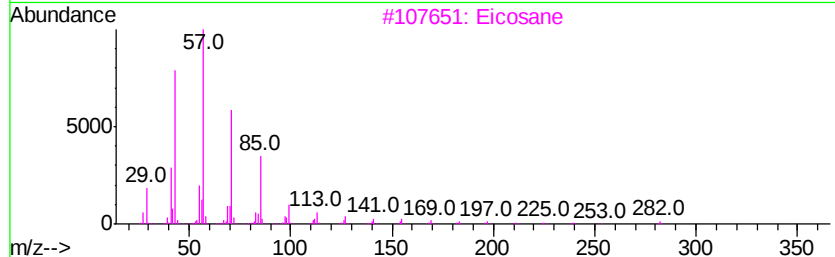
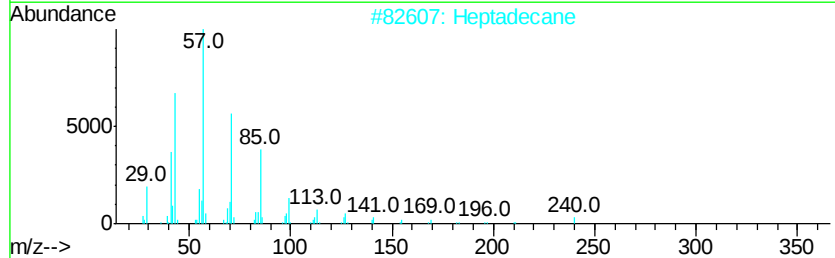
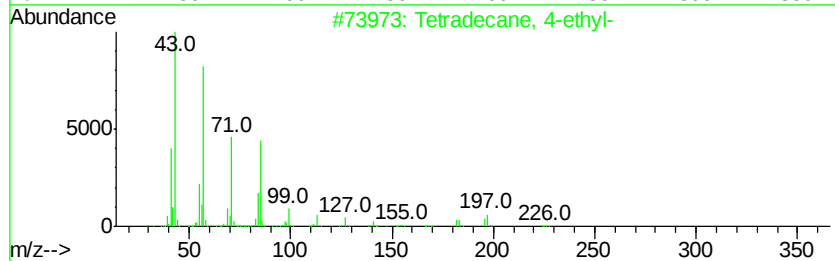
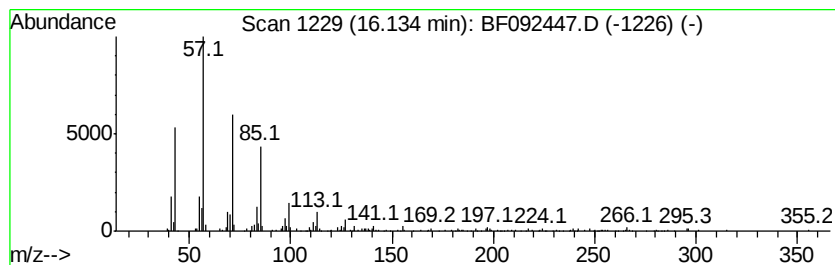
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Tetradecane, 4-ethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.13	6.23 ng	274694	Perylene-d12	15.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	87
2		Heptadecane	240	C17H36	000629-78-7	87
3		Eicosane	282	C20H42	000112-95-8	86
4		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	86
5		Tridecane, 7-hexyl-	268	C19H40	007225-66-3	81



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012417\
Data File : BF092447.D
Acq On : 24 Jan 2017 23:41
Operator : UM/SJ
Sample : I1383-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-SF-01-001-A

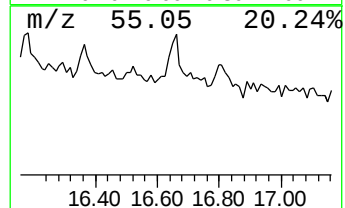
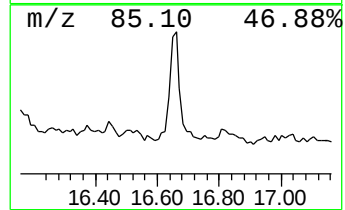
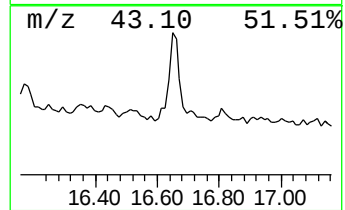
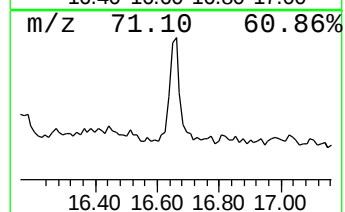
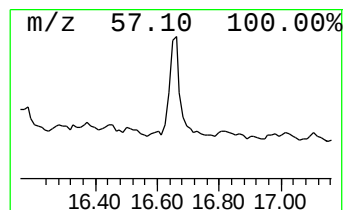
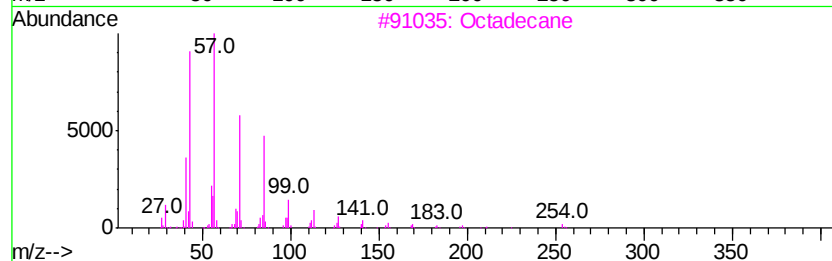
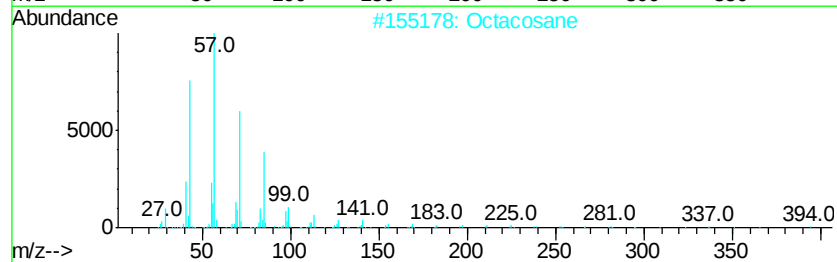
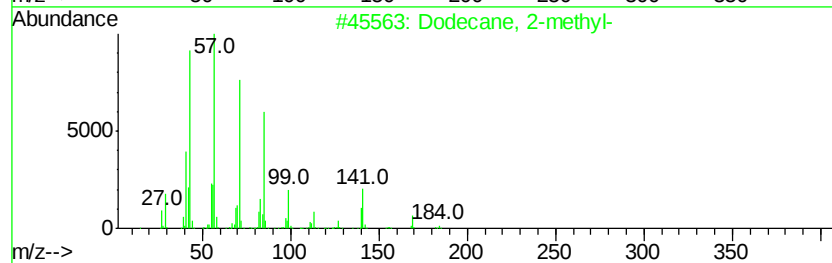
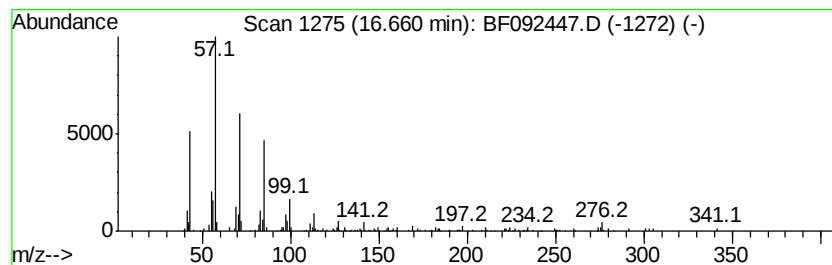
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Dodecane, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.66	5.17 ng	228231	Perylene-d12	15.63

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2-methyl-	184	C13H28	001560-97-0	91
2			Octacosane	394	C28H58	000630-02-4	87
3			Octadecane	254	C18H38	000593-45-3	80
4			Hexadecane	226	C16H34	000544-76-3	80
5			Tetracosane	338	C24H50	000646-31-1	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012417\
Data File : BF092447.D
Acq On : 24 Jan 2017 23:41
Operator : UM/SJ
Sample : I1383-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-SF-01-001-A

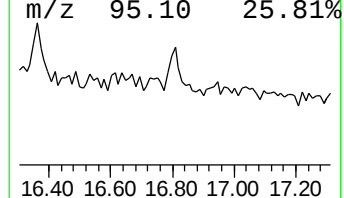
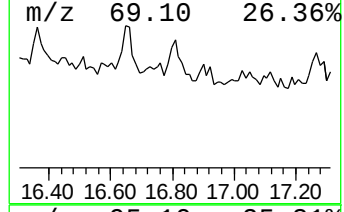
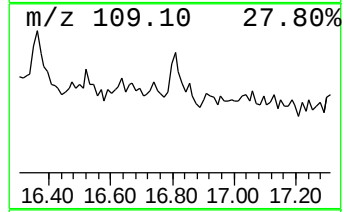
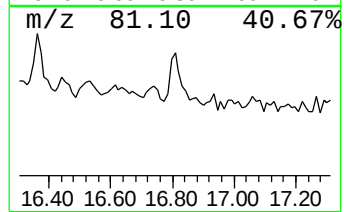
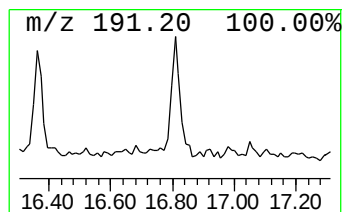
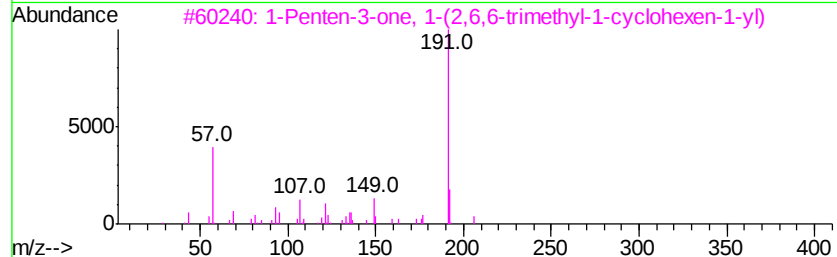
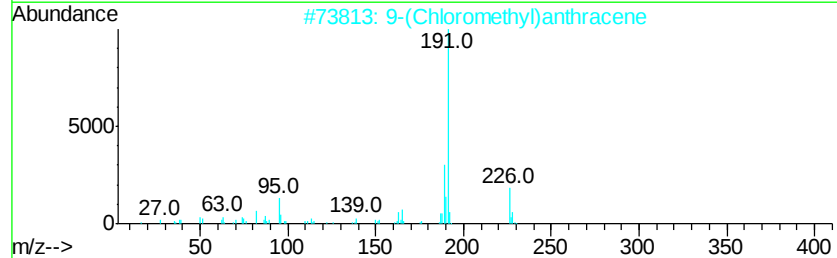
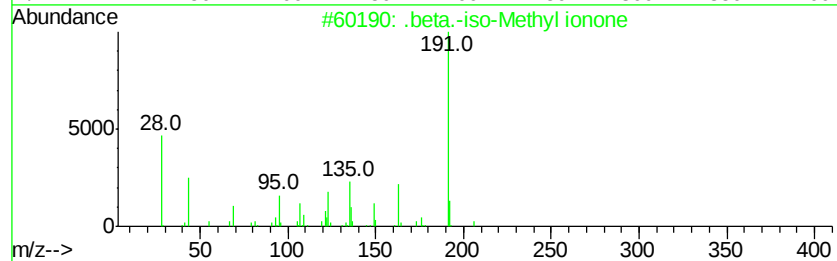
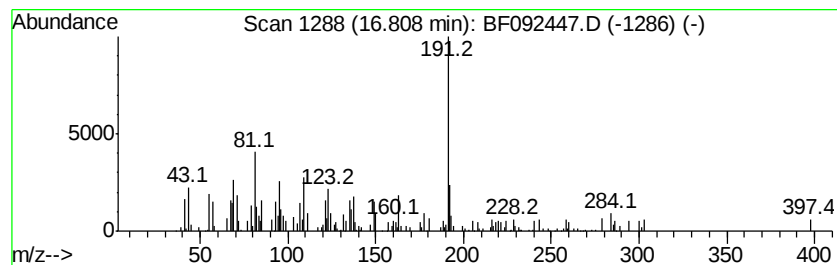
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown16.81 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.81	3.92 ng	172965	Perylene-d12	15.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	47
2		9-(Chloromethyl)anthracene	226	C15H11Cl	024463-19-2	43
3		1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	43
4		2H-1,2,3-Triazole-4-carboxaldehy...	191	C9H6FN3O	051306-43-5	42
5		1,4-Benzenediol, 2-[(1,4,4a,5,6,...	314	C21H30O2	039707-55-6	40



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012417\
Data File : BF092447.D
Acq On : 24 Jan 2017 23:41
Operator : UM/SJ
Sample : I1383-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-SF-01-001-A

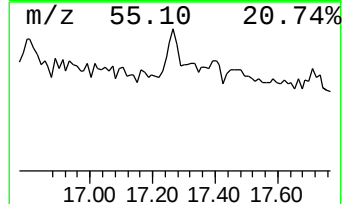
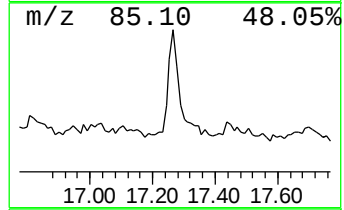
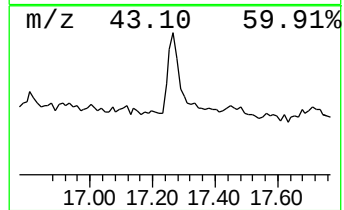
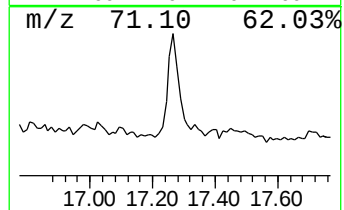
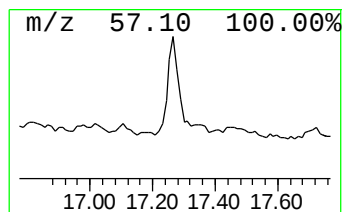
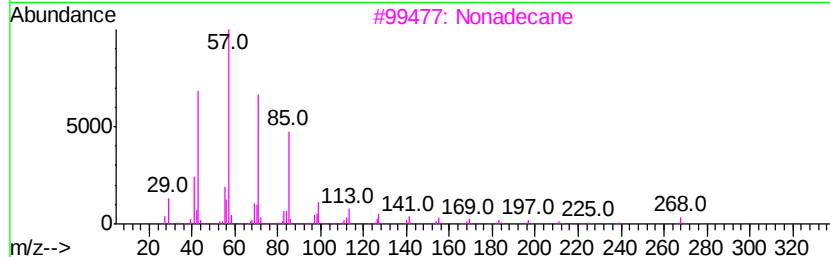
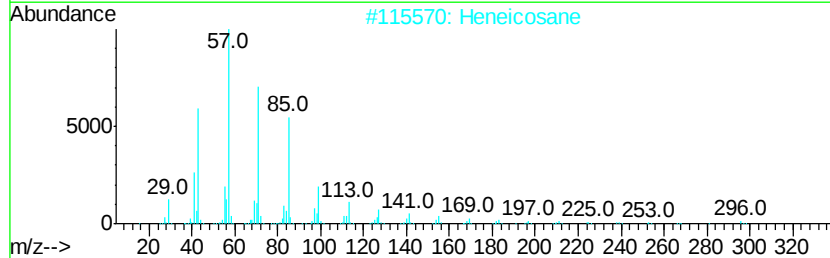
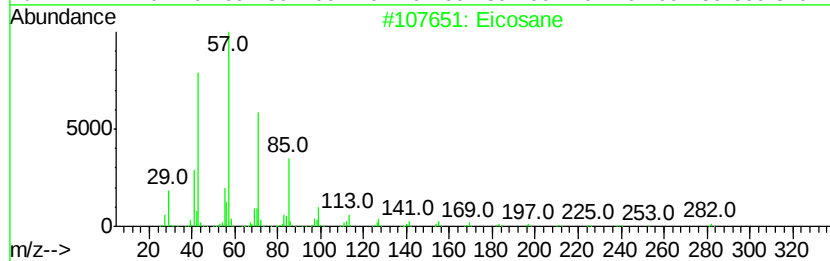
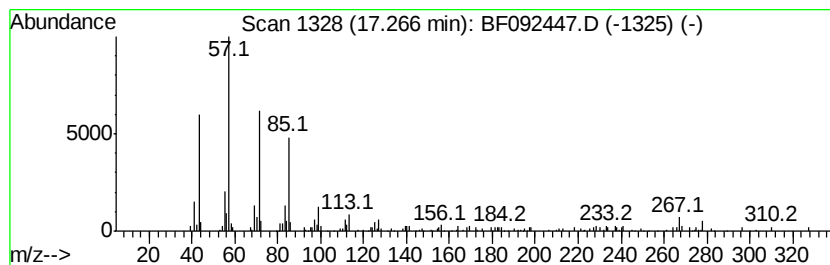
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Eicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.27	5.50 ng	242667	Perylene-d12	15.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	96
2		Heneicosane	296	C21H44	000629-94-7	95
3		Nonadecane	268	C19H40	000629-92-5	92
4		Docosane	310	C22H46	000629-97-0	91
5		Heptadecane	240	C17H36	000629-78-7	89



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012417\
Data File : BF092447.D
Acq On : 24 Jan 2017 23:41
Operator : UM/SJ
Sample : I1383-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-SF-01-001-A

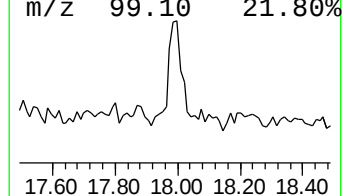
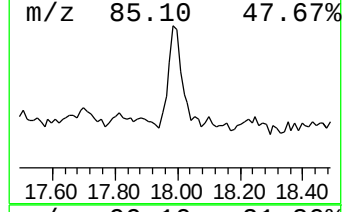
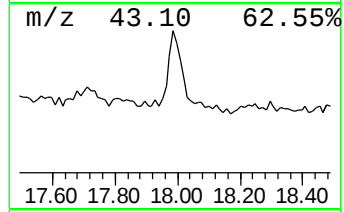
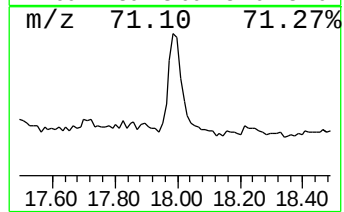
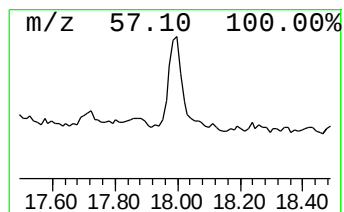
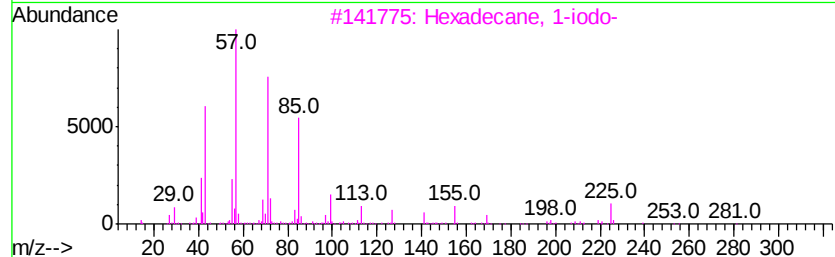
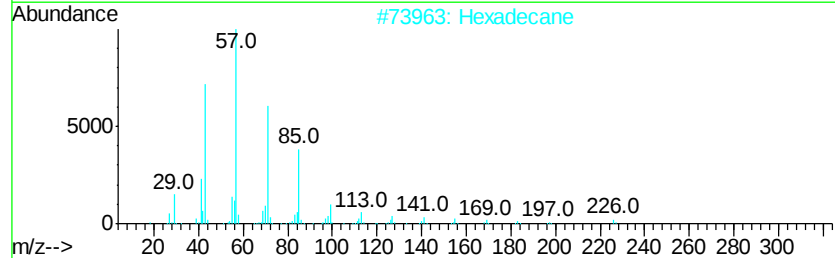
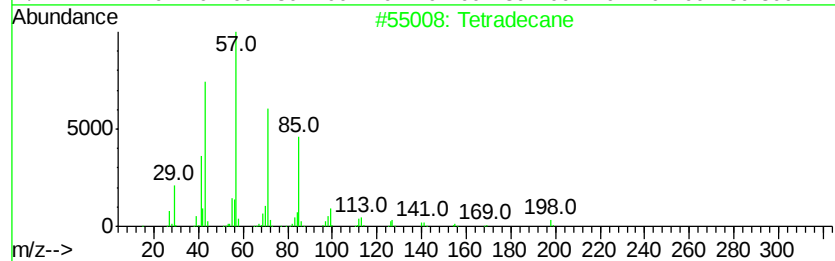
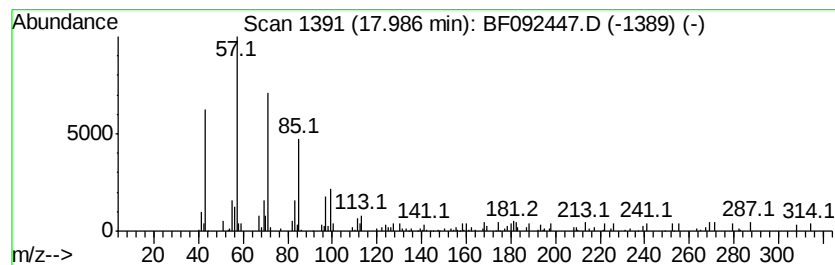
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Tetradeane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	4.49 ng	198280	Perylene-d12	15.63

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradeane	198	C14H30	000629-59-4	58
2			Hexadecane	226	C16H34	000544-76-3	58
3			Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	50
4			Eicosane	282	C20H42	000112-95-8	38
5			Heptacosane	380	C27H56	000593-49-7	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF012417\
Data File : BF092447.D
Acq On : 24 Jan 2017 23:41
Operator : UM/SJ
Sample : I1383-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-SF-01-001-A

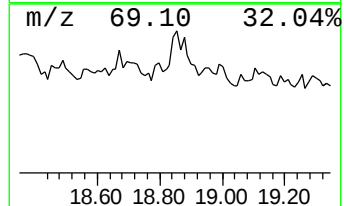
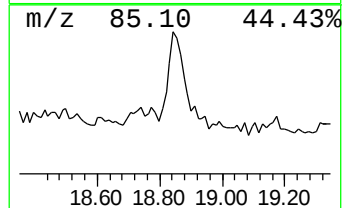
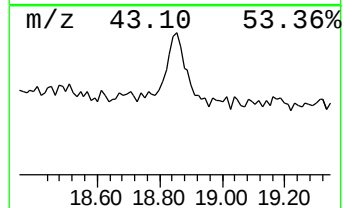
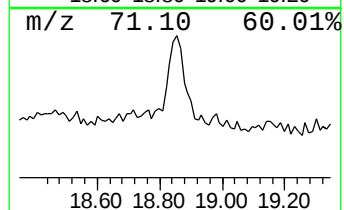
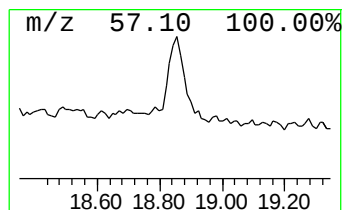
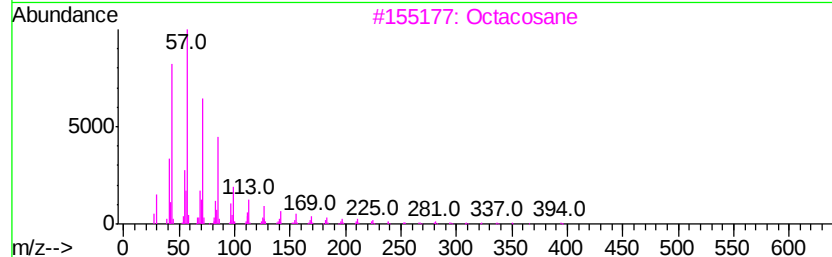
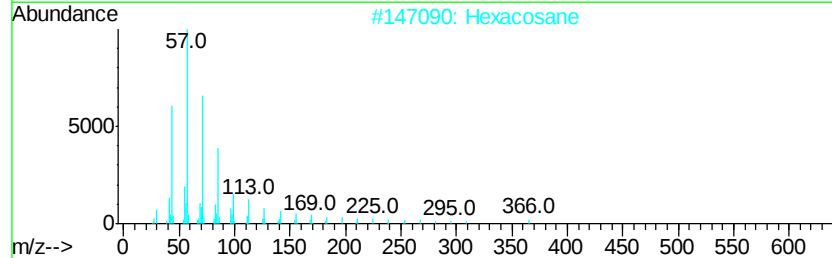
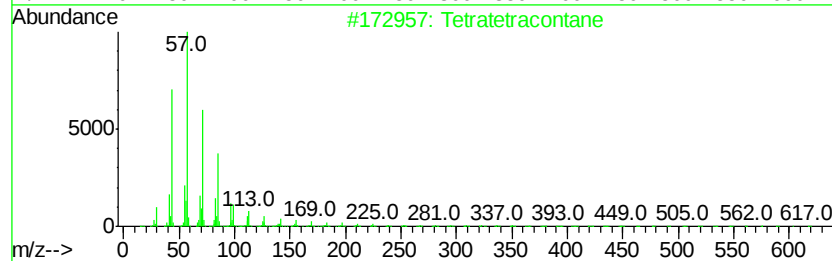
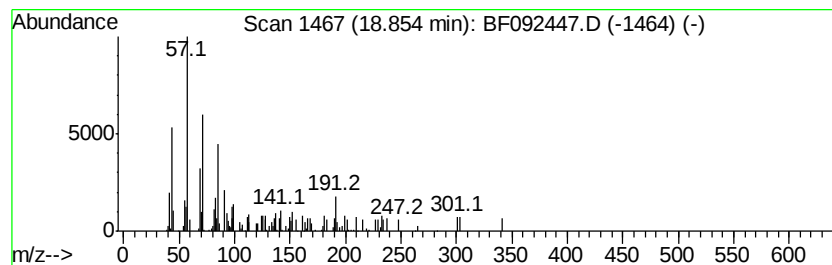
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Tetratetracontane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.85	3.68 ng	162216	Perylene-d12	15.63

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetratetracontane	619	C44H90	007098-22-8	58
2		Hexacosane	366	C26H54	000630-01-3	58
3		Octacosane	394	C28H58	000630-02-4	58
4		Octadecane	254	C18H38	000593-45-3	58
5		Heneicosane	296	C21H44	000629-94-7	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012417\
 Data File : BF092447.D
 Acq On : 24 Jan 2017 23:41
 Operator : UM/SJ
 Sample : I1383-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-01-001-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.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...	5.15	41.3	ng	2041410	1	6.97	989471	20.0
unknown6.73	6.73	74.2	ng	3668750	1	6.97	989471	20.0
Tridecane	10.93	4.1	ng	298001	4	11.52	1454130	20.0
Phenanthrene, 2-m...	12.04	4.1	ng	296545	4	11.52	1454130	20.0
Benzaldehyde, 3,5...	12.12	5.2	ng	377640	4	11.52	1454130	20.0
7-Octadecenoic ac...	12.63	23.8	ng	1732670	4	11.52	1454130	20.0
Heneicosane	13.33	3.6	ng	361136	5	14.16	1981870	20.0
Tridecane, 1-iodo-	13.68	3.8	ng	375484	5	14.16	1981870	20.0
Hexatriacontane	14.01	7.0	ng	694174	5	14.16	1981870	20.0
Octadecane, 2-met...	14.95	7.6	ng	335729	6	15.63	882370	20.0
7,11-Dimethyldode...	15.03	5.7	ng	249925	6	15.63	882370	20.0
Octadecane	15.29	7.5	ng	328848	6	15.63	882370	20.0
Benzo[e]pyrene	15.51	5.0	ng	219536	6	15.63	882370	20.0
Tetradecane, 4-et...	16.13	6.2	ng	274694	6	15.63	882370	20.0
Dodecane, 2-methyl-	16.66	5.2	ng	228231	6	15.63	882370	20.0
unknown16.81	16.81	3.9	ng	172965	6	15.63	882370	20.0
Eicosane	17.27	5.5	ng	242667	6	15.63	882370	20.0
Tetradecane	17.99	4.5	ng	198280	6	15.63	882370	20.0
Tetratetracontane	18.85	3.7	ng	162216	6	15.63	882370	20.0