

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
 Data File : BF090362.D
 Acq On : 5 Oct 2016 00:34
 Operator : UM/SJ
 Sample : H5025-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PA-1

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

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

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100416.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.217	249	252	255	rVB	1090216	1271813	21.38%	1.234%
2	5.617	285	287	289	rBV	4373667	5212285	87.61%	5.056%
3	6.463	357	361	363	rBV	45803	70952	1.19%	0.069%
4	6.554	367	369	371	rBV	651997	598904	10.07%	0.581%
5	6.634	373	376	378	rBV	5442658	5378247	90.40%	5.217%
6	6.783	386	389	391	rBV	5215044	5648579	94.94%	5.479%
7	7.012	407	409	411	rBV	1704037	1361836	22.89%	1.321%
8	7.172	420	423	425	rVB	4986821	4359104	73.27%	4.229%
9	7.572	455	458	460	rBV	3721235	3279003	55.11%	3.181%
10	7.652	463	465	468	rVB	139349	141935	2.39%	0.138%
11	7.926	486	489	492	rBV	213198	337204	5.67%	0.327%
12	8.006	492	496	498	rVV	230839	408057	6.86%	0.396%
13	8.303	519	522	523	rBV	1472438	1595755	26.82%	1.548%
14	9.012	582	584	586	rVB	815277	627232	10.54%	0.608%
15	9.378	613	616	618	rBV	6937470	5726740	96.26%	5.555%
16	9.458	618	623	625	rVV3	32088	93060	1.56%	0.090%
17	9.503	625	627	632	rVB2	67833	106817	1.80%	0.104%
18	9.766	648	650	653	rVB	1707715	1425219	23.96%	1.383%
19	9.983	666	669	671	rVB3	47765	100251	1.69%	0.097%
20	10.063	673	676	677	rVV	1253620	1630646	27.41%	1.582%
21	10.166	682	685	688	rBV	99493	128813	2.17%	0.125%
22	10.258	691	693	696	rVB2	53449	94711	1.59%	0.092%
23	10.486	709	713	715	rBV3	141471	219524	3.69%	0.213%
24	10.715	730	733	736	rBV2	51639	106714	1.79%	0.104%
25	10.852	742	745	746	rBV	2852912	3398198	57.12%	3.296%
26	10.966	753	755	759	rVB	217828	291849	4.91%	0.283%
27	11.058	760	763	765	rBV3	65154	114577	1.93%	0.111%
28	11.195	773	775	778	rBV3	145776	199854	3.36%	0.194%
29	11.252	778	780	782	rBV	128589	114823	1.93%	0.111%
30	11.412	792	794	796	rBV	144418	151533	2.55%	0.147%
31	11.492	799	801	803	rBV2	126365	165517	2.78%	0.161%
32	11.549	803	806	807	rBV	2132131	1776885	29.87%	1.724%
33	11.572	807	808	810	rVV2	121978	121878	2.05%	0.118%
34	11.606	810	811	813	rVB2	90304	75089	1.26%	0.073%

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35	11.698	817	819	823	rVB4	40217	92463	1.55%	0.090%
36	11.766	823	825	828	rBV	456490	482905	8.12%	0.468%
37	11.846	828	832	834	rVB2	73260	118990	2.00%	0.115%
38	12.006	843	846	847	rBV	93682	134609	2.26%	0.131%
39	12.041	847	849	850	rBV	111622	147037	2.47%	0.143%
40	12.075	850	852	855	rBV	2003973	1904603	32.01%	1.848%
41	12.246	864	867	872	rBV	277614	411241	6.91%	0.399%
42	12.349	872	876	878	rBV4	52272	152959	2.57%	0.148%
43	12.475	885	887	891	rVB4	94573	145135	2.44%	0.141%
44	12.532	891	892	895	rVB3	61472	78481	1.32%	0.076%
45	12.589	895	897	899	rBV2	570070	568616	9.56%	0.552%
46	12.624	899	900	905	rVB2	171424	269096	4.52%	0.261%
47	12.784	911	914	919	rBV2	494880	1200946	20.19%	1.165%
48	12.864	919	921	927	rBV	1440397	1506856	25.33%	1.462%
49	12.955	927	929	931	rBV2	1142616	1506039	25.31%	1.461%
50	13.012	931	934	935	rBV2	932173	931243	15.65%	0.903%
51	13.104	940	942	943	rBV	98275	148610	2.50%	0.144%
52	13.138	943	945	947	rVV	5771136	5949515	100.00%	5.771%
53	13.229	947	953	962	rVV5	614316	4591704	77.18%	4.454%
54	13.344	962	963	964	rVB	197385	140920	2.37%	0.137%
55	13.504	974	977	979	rBV	857093	847283	14.24%	0.822%
56	13.561	980	982	983	rBV2	80981	100639	1.69%	0.098%
57	13.584	983	984	986	rVV	205200	302943	5.09%	0.294%
58	13.664	988	991	993	rVV2	1229378	1849452	31.09%	1.794%
59	13.721	993	996	1000	rVB4	299750	735134	12.36%	0.713%
60	13.835	1004	1006	1008	rBV	320403	271756	4.57%	0.264%
61	13.904	1010	1012	1013	rBV	211991	238334	4.01%	0.231%
62	13.938	1013	1015	1017	rVV2	199904	281662	4.73%	0.273%
63	13.995	1018	1020	1022	rVV2	532298	674752	11.34%	0.655%
64	14.029	1022	1023	1027	rVB	1057526	1602389	26.93%	1.554%
65	14.201	1034	1038	1039	rBV	1751039	2179244	36.63%	2.114%
66	14.258	1041	1043	1045	rVB	355351	355054	5.97%	0.344%
67	14.361	1051	1052	1058	rVB	528752	651121	10.94%	0.632%
68	14.487	1061	1063	1064	rBV	174986	153356	2.58%	0.149%
69	14.578	1069	1071	1072	rBV	96030	150449	2.53%	0.146%
70	14.670	1077	1079	1082	rVV	1831151	2146139	36.07%	2.082%
71	14.898	1097	1099	1101	rVV	390526	542183	9.11%	0.526%

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72	14.990	1105	1107	1112	rVB	358693	671456	11.29%	0.651%
73	15.070	1112	1114	1117	rVB	178469	194550	3.27%	0.189%
74	15.150	1118	1121	1123	rVB	453216	636077	10.69%	0.617%
75	15.367	1136	1140	1144	rBV2	1598636	3024145	50.83%	2.934%
76	15.630	1159	1163	1167	rVV2	201333	532197	8.95%	0.516%
77	15.710	1167	1170	1172	rVV	1028388	1345870	22.62%	1.306%
78	15.744	1172	1173	1176	rVB	209754	255235	4.29%	0.248%
79	15.961	1189	1192	1194	rBV	460495	757394	12.73%	0.735%
80	16.213	1211	1214	1216	rBV	927637	1491011	25.06%	1.446%
81	16.258	1216	1218	1223	rVV	639985	1263913	21.24%	1.226%
82	16.373	1226	1228	1233	rVB4	253350	418043	7.03%	0.406%
83	16.487	1233	1238	1245	rVB2	214848	690919	11.61%	0.670%
84	16.635	1248	1251	1255	rVB4	120403	251485	4.23%	0.244%
85	16.750	1258	1261	1263	rVB	117401	205784	3.46%	0.200%
86	17.047	1284	1287	1290	rBV	434969	875502	14.72%	0.849%
87	17.264	1304	1306	1312	rVB2	237582	550668	9.26%	0.534%
88	17.378	1312	1316	1318	rBV	277278	643892	10.82%	0.625%
89	17.447	1318	1322	1327	rVV2	376840	1243236	20.90%	1.206%
90	17.561	1329	1332	1335	rVV	290838	799894	13.44%	0.776%
91	17.618	1335	1337	1343	rVB2	437685	921291	15.49%	0.894%
92	17.870	1354	1359	1365	rBV2	911615	2564940	43.11%	2.488%
93	17.973	1365	1368	1372	rVB3	203497	510777	8.59%	0.495%
94	18.064	1373	1376	1378	rBV2	85145	232826	3.91%	0.226%
95	18.213	1386	1389	1392	rBV3	116859	263553	4.43%	0.256%
96	18.464	1408	1411	1415	rVB3	126568	317320	5.33%	0.308%
97	18.567	1416	1420	1423	rBV	157314	496749	8.35%	0.482%
98	18.704	1429	1432	1442	rVB2	219529	718074	12.07%	0.697%
99	18.944	1449	1453	1460	rVB2	323212	960013	16.14%	0.931%
100	19.139	1467	1470	1476	rVB	124983	353363	5.94%	0.343%

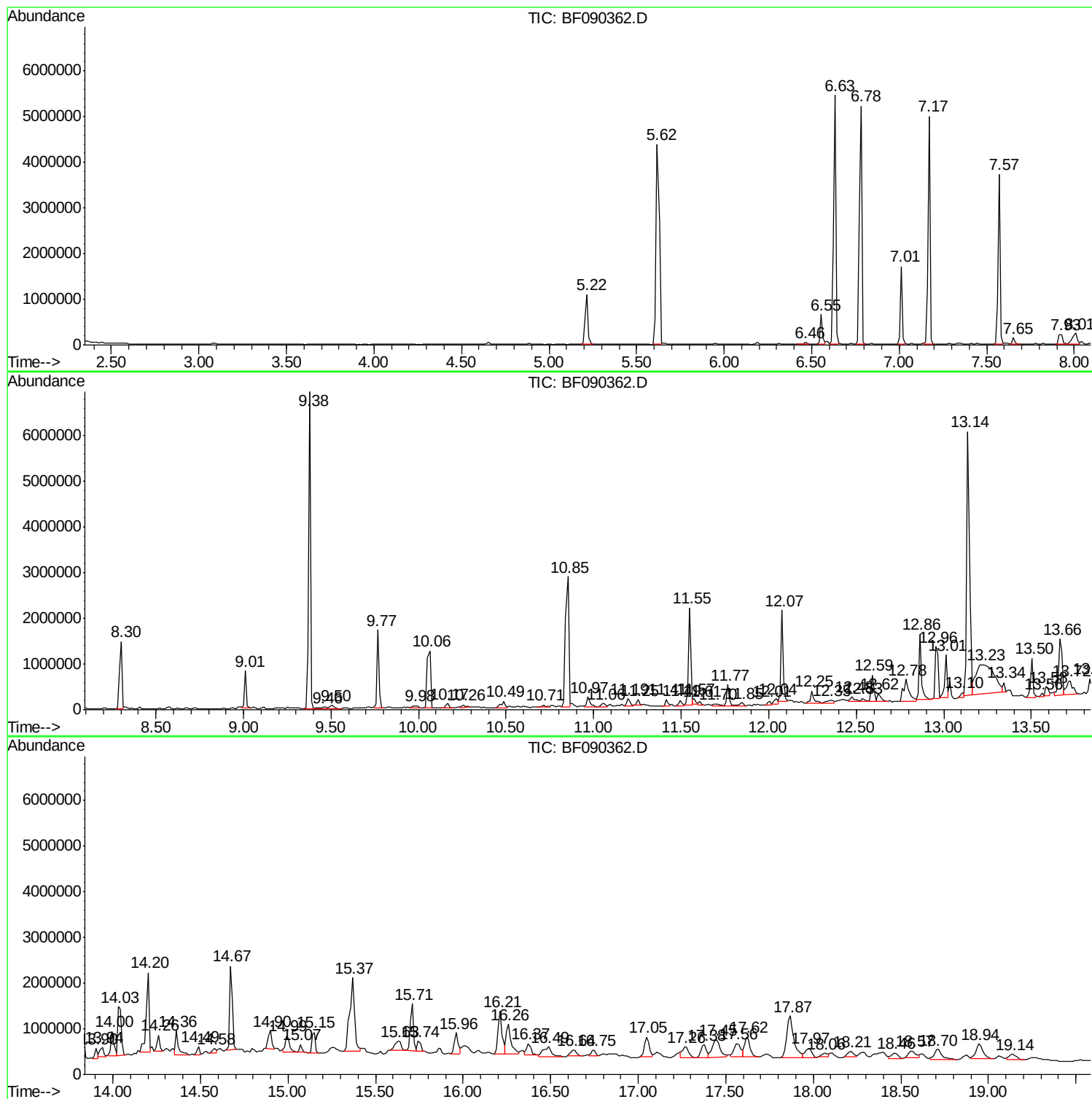
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BNA_F
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PA-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Instrument :
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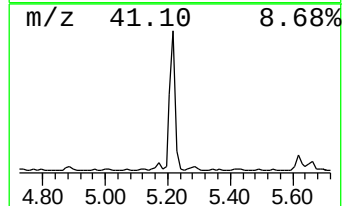
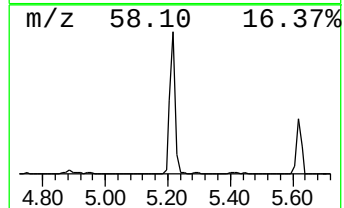
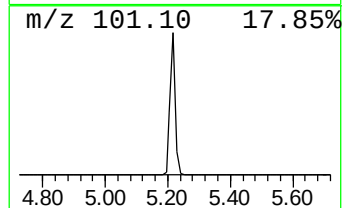
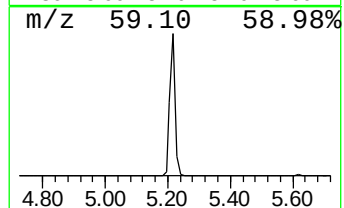
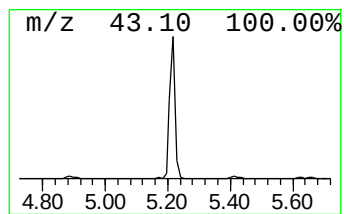
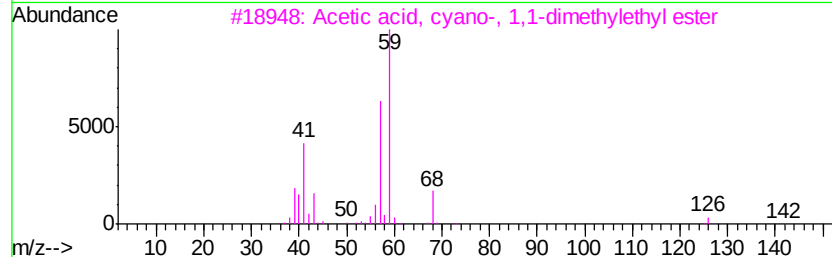
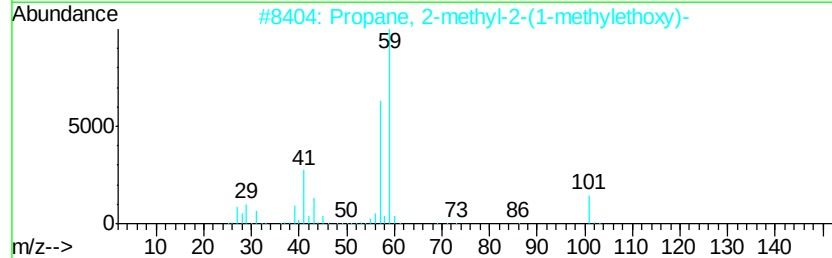
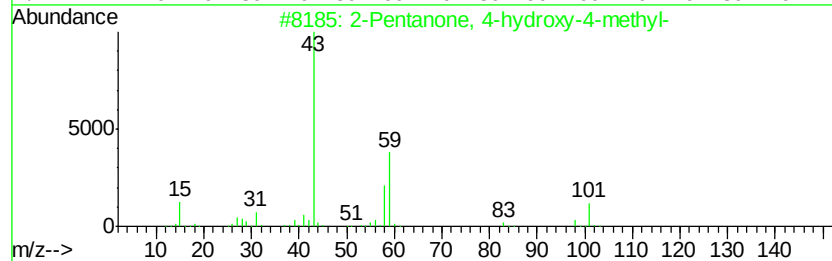
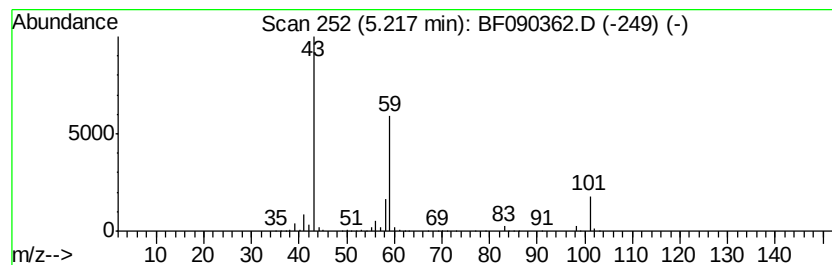
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.22	18.68 ng	1271810	1,4-Dichlorobenzene-d4	7.01

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2		Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
3		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4		Acetone	58	C3H6O	000067-64-1	9
5		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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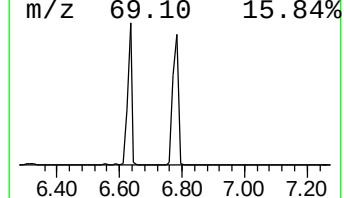
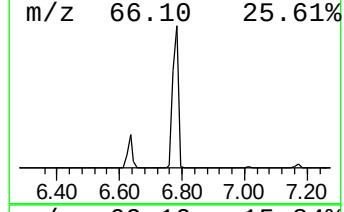
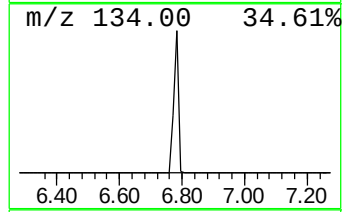
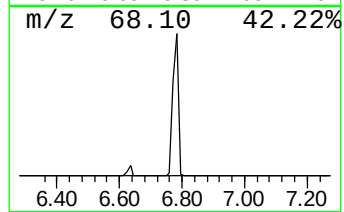
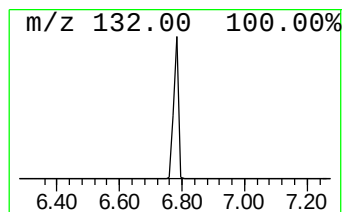
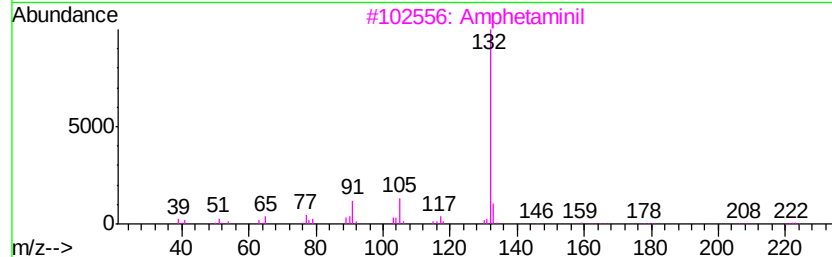
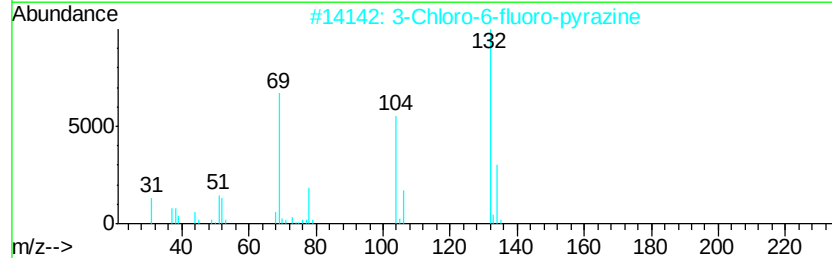
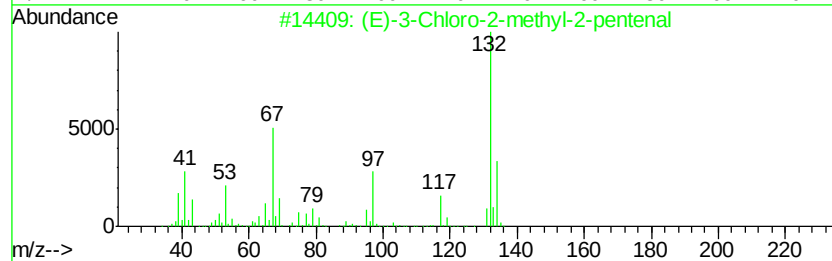
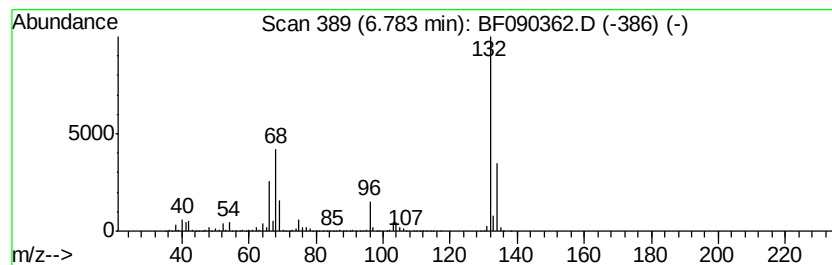
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.78 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.78	82.96 ng	5648580	1,4-Dichlorobenzene-d4	7.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3		Amphetaminil	250	C17H18N2	017590-01-1	10
4		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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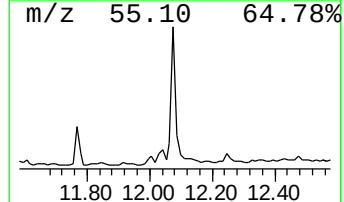
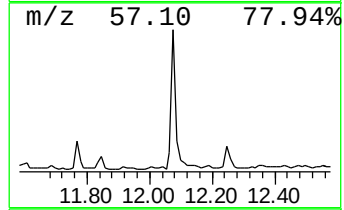
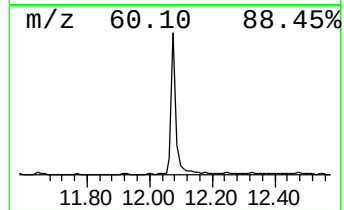
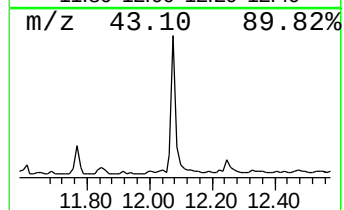
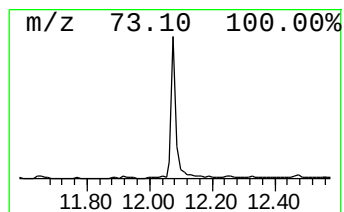
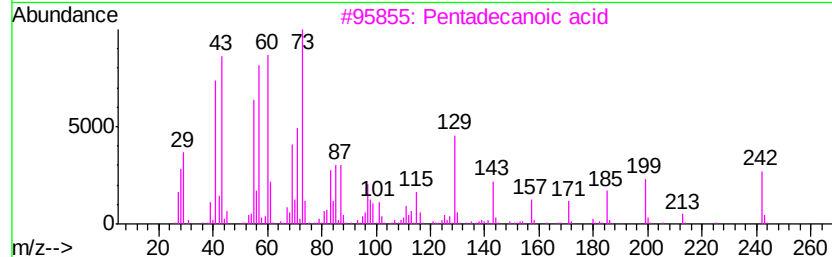
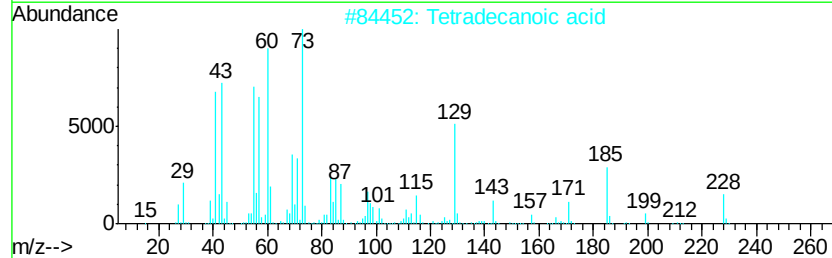
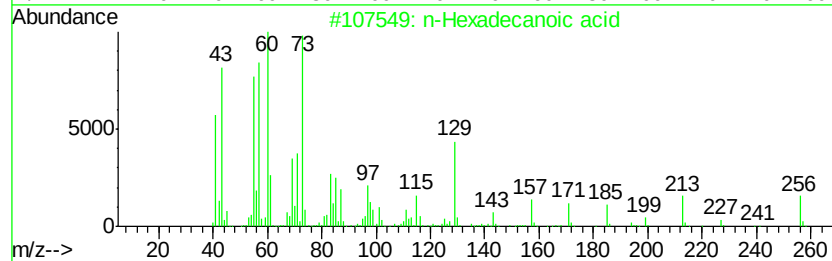
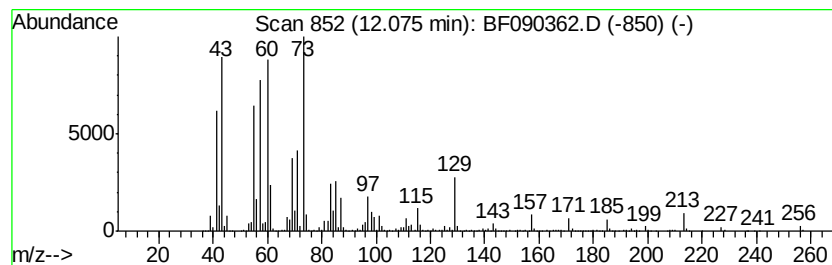
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.08	21.44 ng	1904600	Phenanthrene-d10	11.55

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	90
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	86
4		Tridecanoic acid	214	C13H26O2	000638-53-9	52
5		Undecane	156	C11H24	001120-21-4	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
Data File : BF090362.D
Acq On : 5 Oct 2016 00:34
Operator : UM/SJ
Sample : H5025-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

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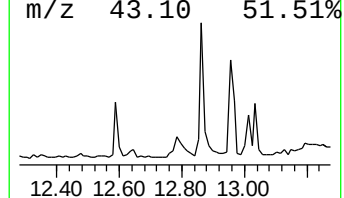
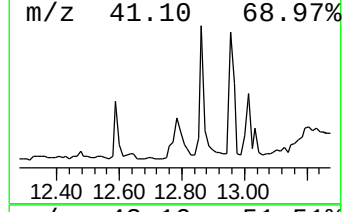
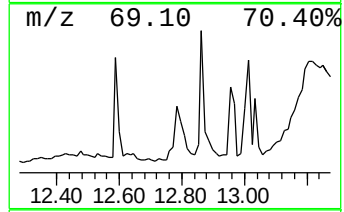
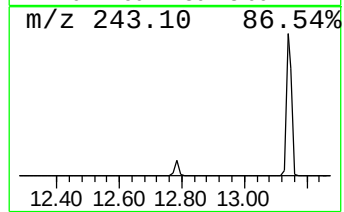
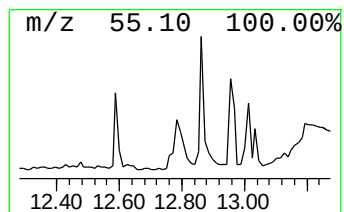
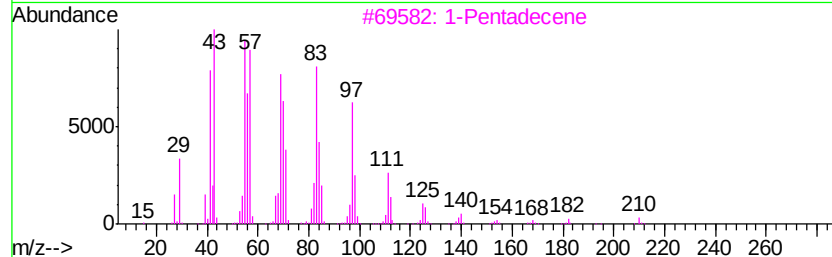
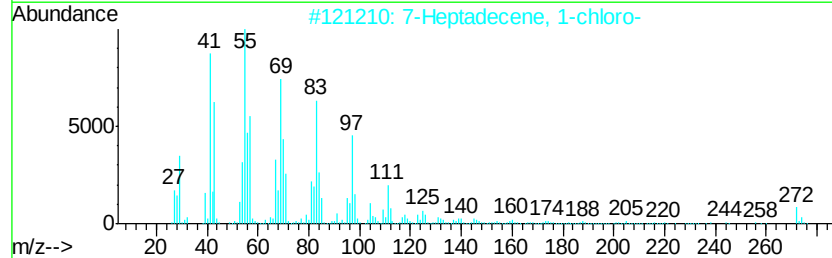
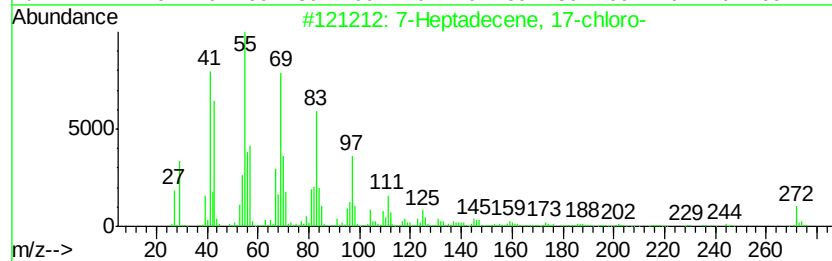
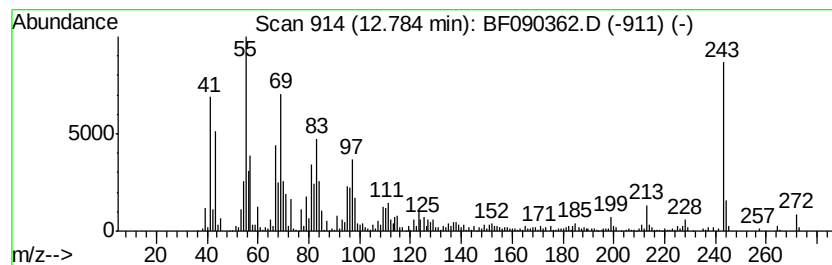
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 7-Heptadecene, 17-chloro- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.78	13.52 ng	1200950	Phenanthrene-d10	11.55

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		7-Heptadecene, 17-chloro-	272	C17H33Cl	056554-79-1	93
2		7-Heptadecene, 1-chloro-	272	C17H33Cl	056554-78-0	80
3		1-Pentadecene	210	C15H30	013360-61-7	59
4		9-Octadecenoic acid (Z)-, 2,3-di...	356	C21H40O4	000111-03-5	53
5		8-Heptadecene, 1-chloro-	272	C17H33Cl	056554-80-4	51



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
Data File : BF090362.D
Acq On : 5 Oct 2016 00:34
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Misc :
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ClientSampleId :
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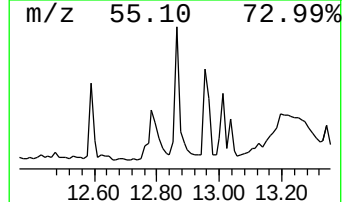
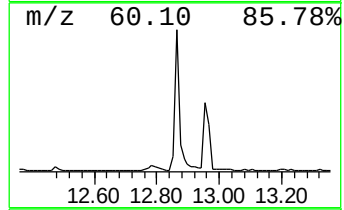
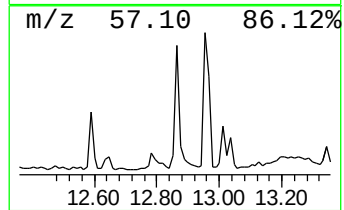
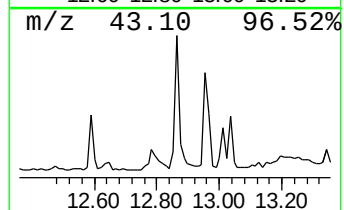
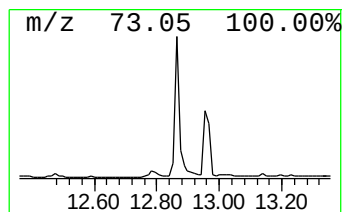
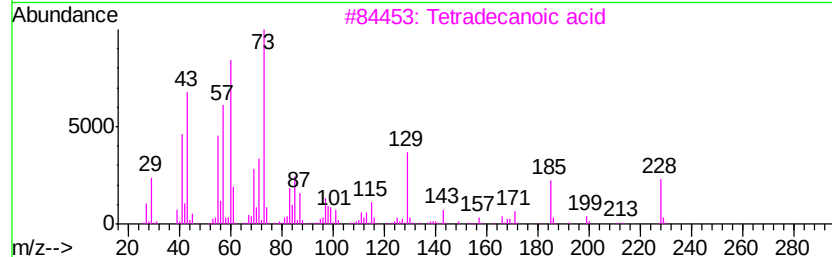
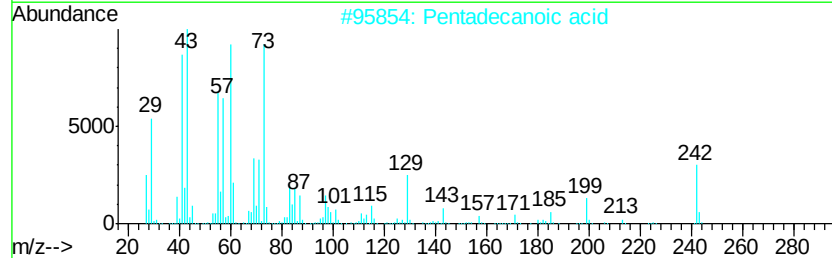
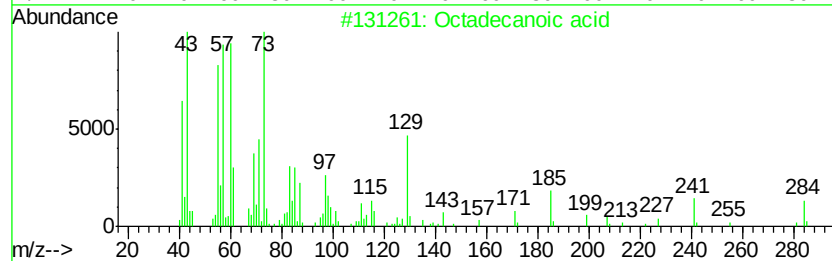
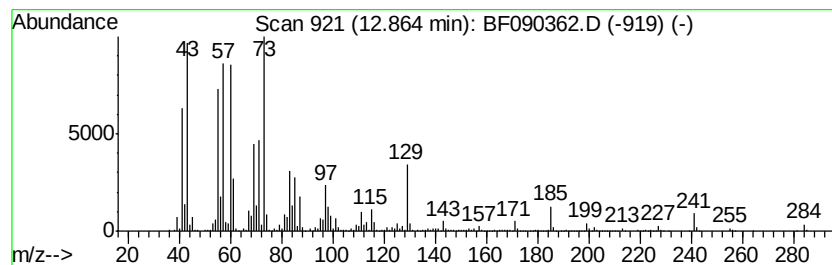
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Octadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.86	16.96 ng	1506860	Phenanthrene-d10	11.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64
5		Oxalic acid, propyl tetradecyl e...	328	C19H36O4	1000309-26-7	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
Data File : BF090362.D
Acq On : 5 Oct 2016 00:34
Operator : UM/SJ
Sample : H5025-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

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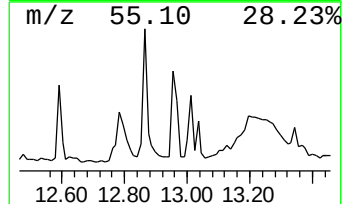
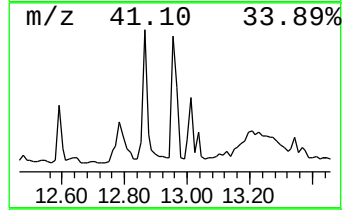
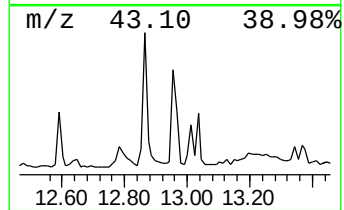
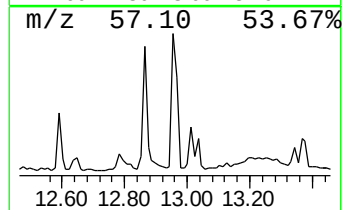
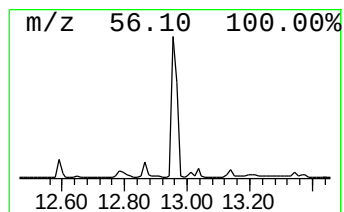
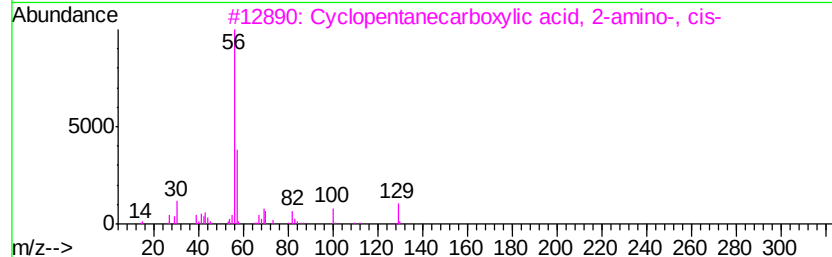
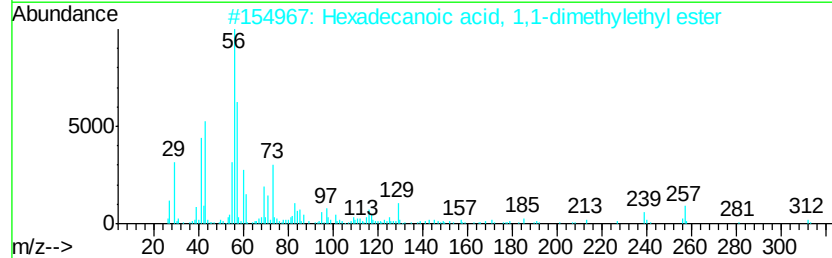
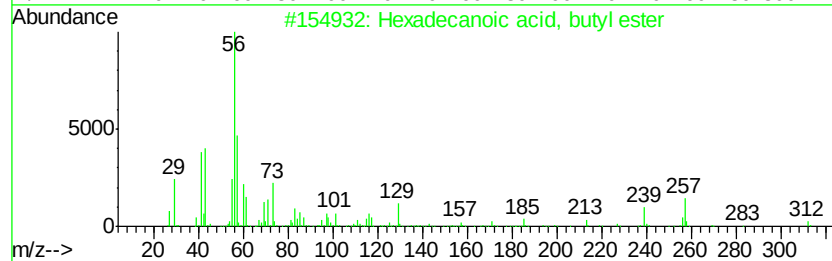
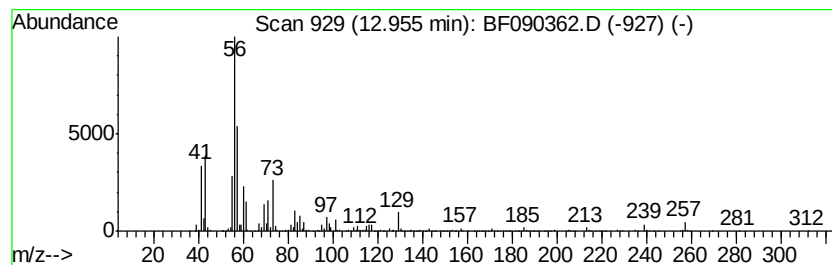
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Hexadecanoic acid, butyl ester Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.96	13.82 ng	1506040	Chrysene-d12	14.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	78
2		Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	52
3		Cyclopentanecarboxylic acid, 2-a...	129	C6H11NO2	037910-65-9	43
4		Cyclopentanecarboxylic acid, 2-a...	129	C6H11NO2	040482-05-1	43
5		Nonane, 5-methylene-	140	C10H20	006795-79-5	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
Data File : BF090362.D
Acq On : 5 Oct 2016 00:34
Operator : UM/SJ
Sample : H5025-01
Misc :
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Instrument :
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ClientSampleId :
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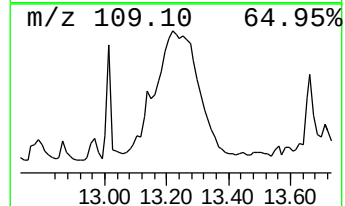
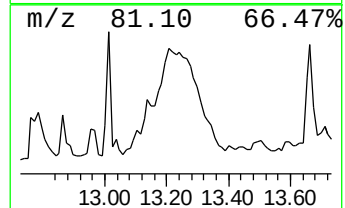
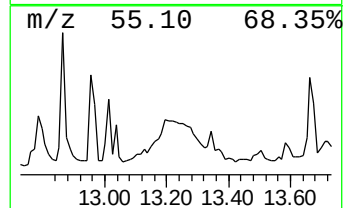
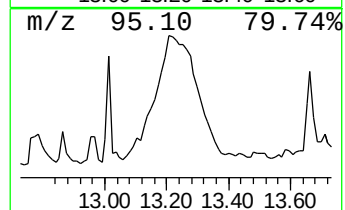
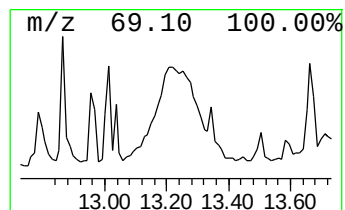
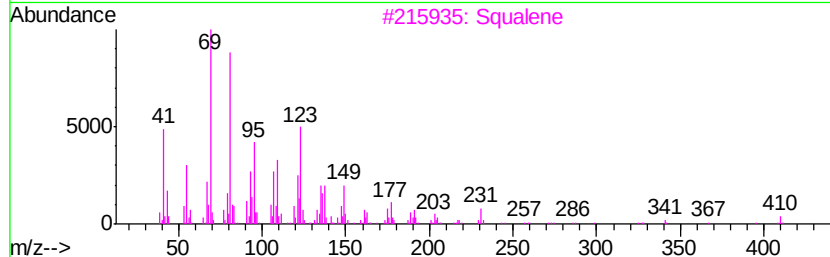
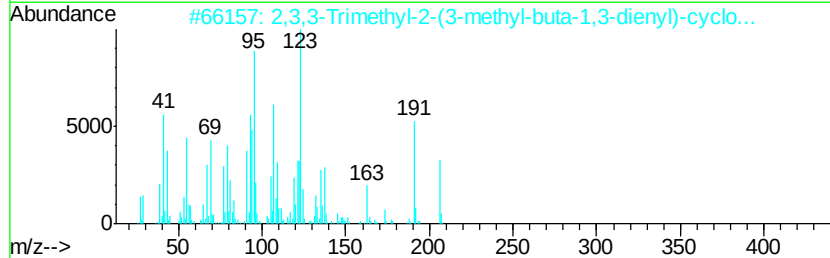
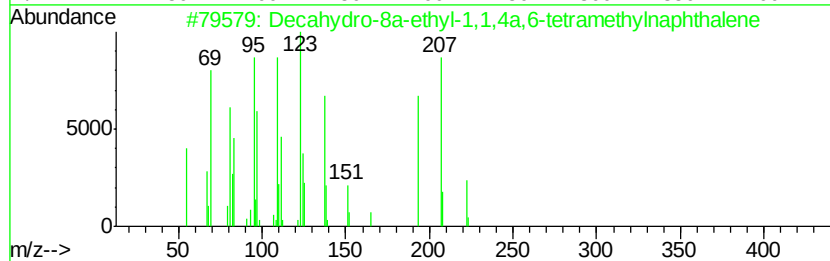
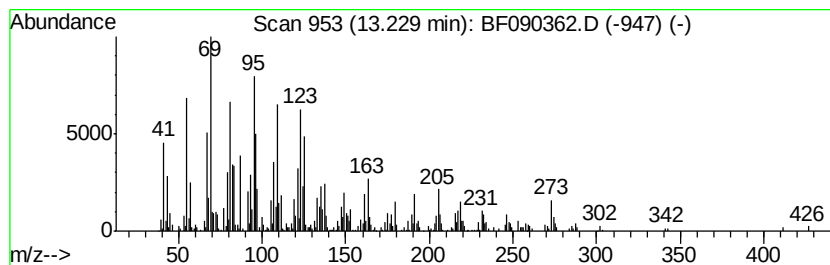
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Decahydro-8a-ethyl-1,1,4a,6... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.23	42.14 ng	4591700	Chrysene-d12	14.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decahydro-8a-ethyl-1,1,4a,6-tetr...	222	C16H30	1000100-23-6	60
2		2,3,3-Trimethyl-2-(3-methyl-buta...	206	C14H22O	1000193-60-6	30
3		Squalene	410	C30H50	000111-02-4	27
4		Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	000473-19-8	25
5		1,3-Cyclopentanedicarboxylic aci...	200	C10H16O4	000124-83-4	18



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
Data File : BF090362.D
Acq On : 5 Oct 2016 00:34
Operator : UM/SJ
Sample : H5025-01
Misc :
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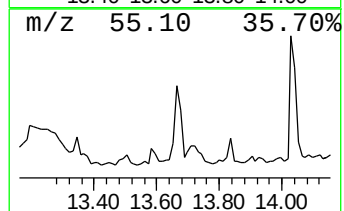
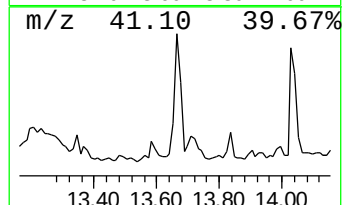
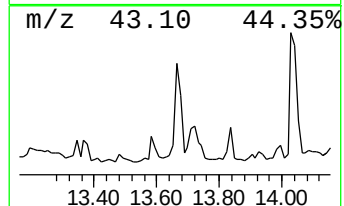
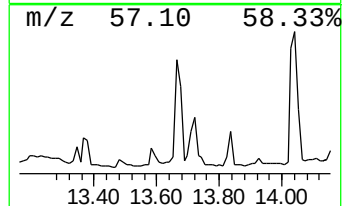
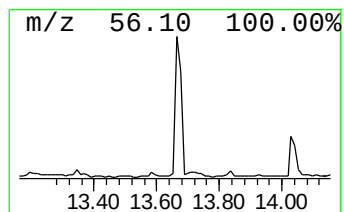
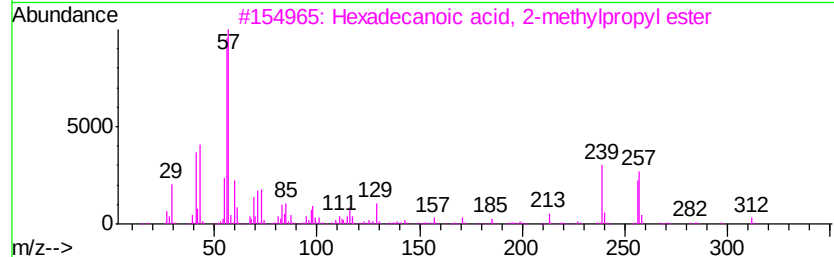
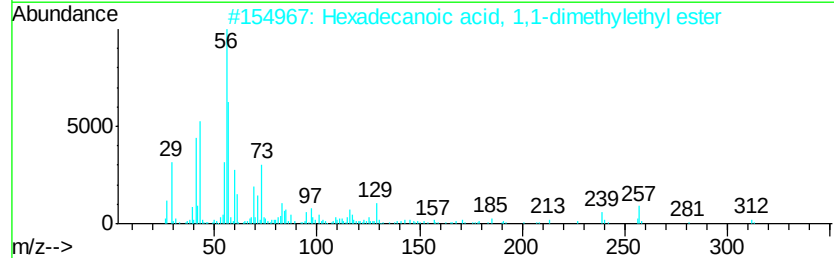
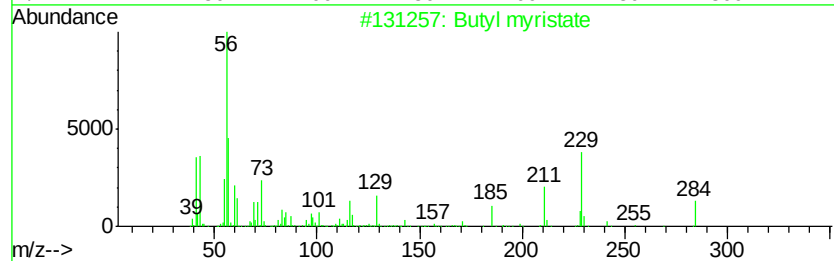
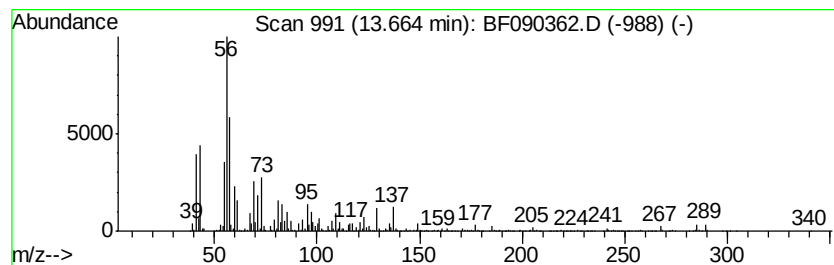
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Butyl myristate Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.66	16.97 ng	1849450	Chrysene-d12	14.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butyl myristate	284	C18H36O2	000110-36-1	59
2		Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	59
3		Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	45
4		Pentadecane, 8-methylene-	224	C16H32	055668-09-2	38
5		Propionic acid, 3-(isopropyliden...	209	C7H15NO4S	1000159-92-2	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
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Acq On : 5 Oct 2016 00:34
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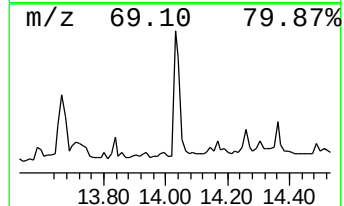
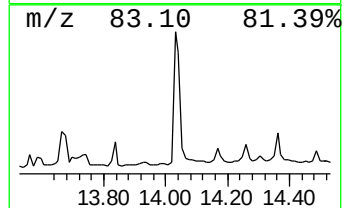
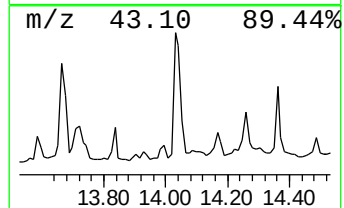
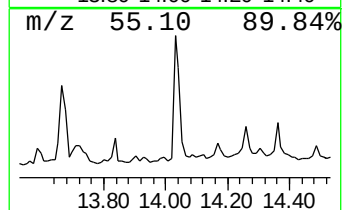
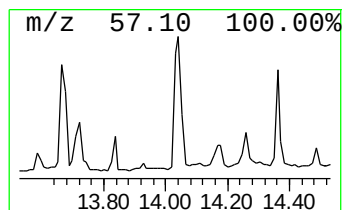
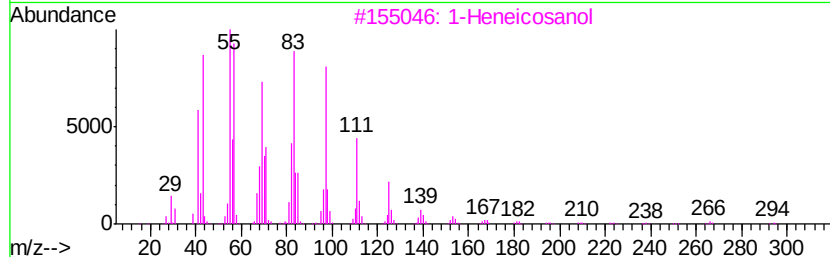
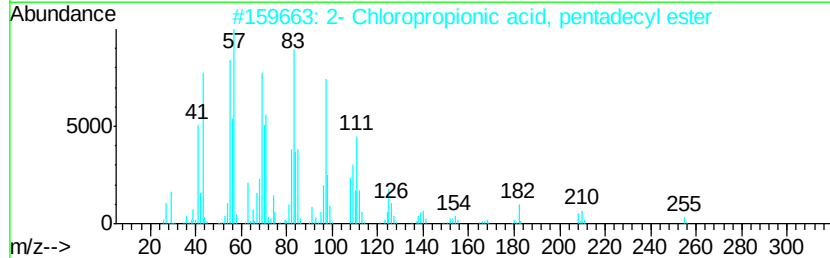
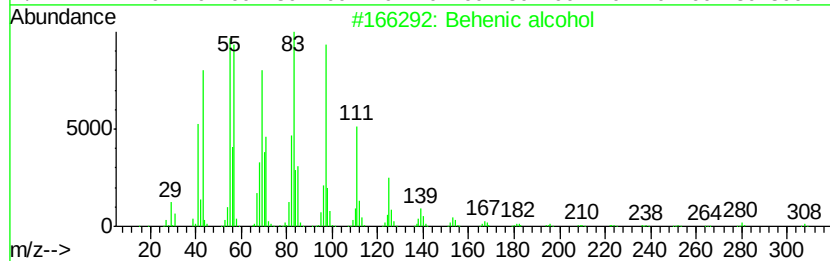
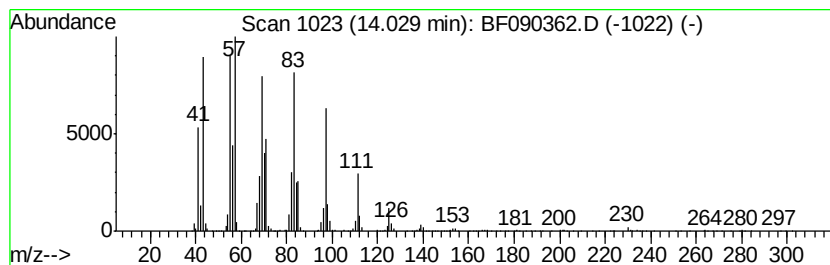
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Behenic alcohol Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.03	14.71 ng	1602390	Chrysene-d12	14.20
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Behenic alcohol	326 C22H46O	000661-19-8 94
2		2- Chloropropionic acid, pentade...	318 C18H35ClO2	1000292-44-1 91
3		1-Heneicosanol	312 C21H44O	015594-90-8 91
4		Bromoacetic acid, octadecyl ester	390 C20H39BrO2	018992-03-5 91
5		1-Nonadecene	266 C19H38	018435-45-5 91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
Data File : BF090362.D
Acq On : 5 Oct 2016 00:34
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Sample : H5025-01
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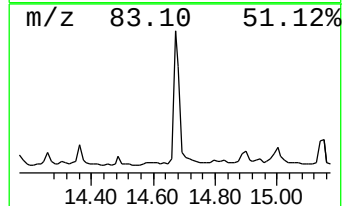
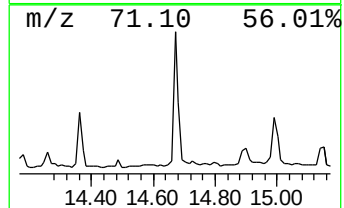
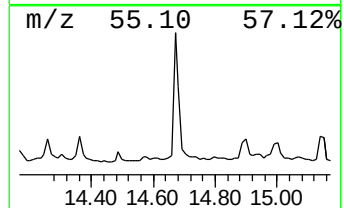
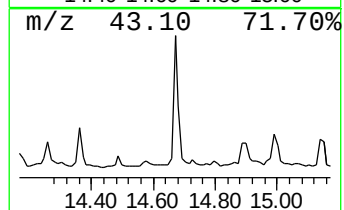
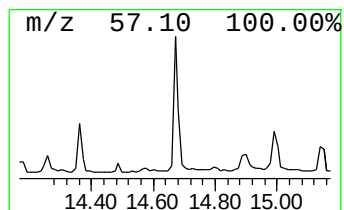
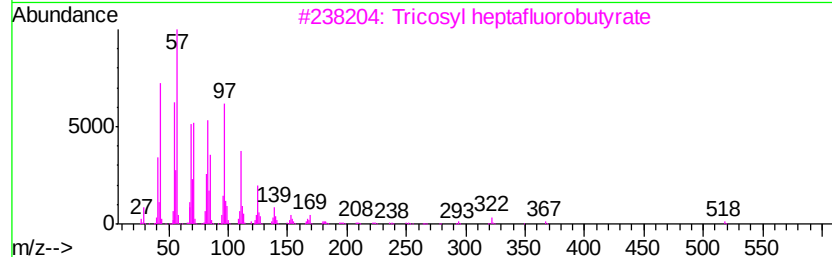
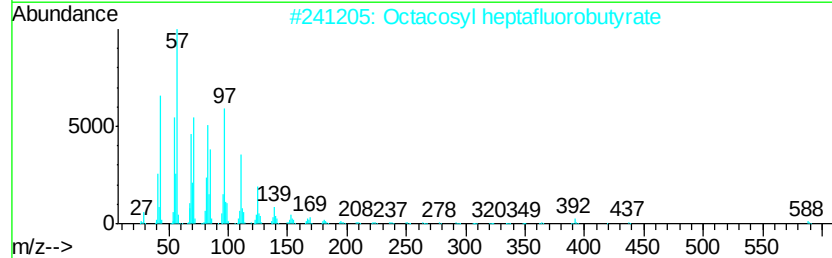
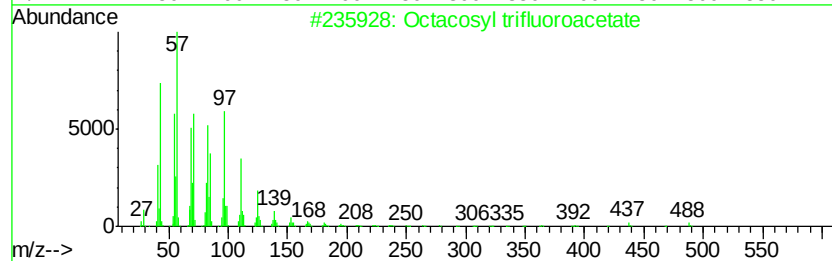
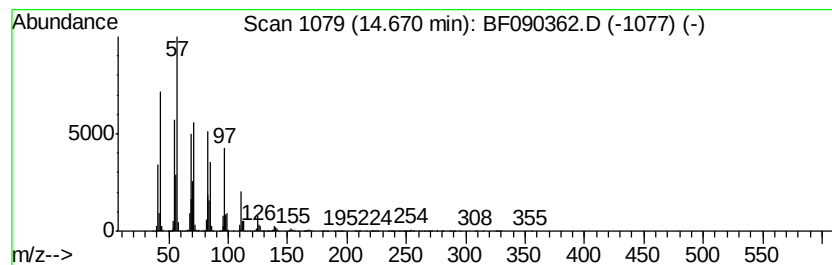
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Octacosyl trifluoroacetate Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	19.70 ng	2146140	Chrysene-d12	14.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	91
2		Octacosyl heptafluorobutyrate	606	C32H57F7O2	1000351-83-6	91
3		Tricosyl heptafluorobutyrate	536	C27H47F7O2	1000351-83-4	91
4		Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	90
5		Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
Data File : BF090362.D
Acq On : 5 Oct 2016 00:34
Operator : UM/SJ
Sample : H5025-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

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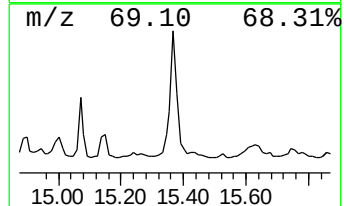
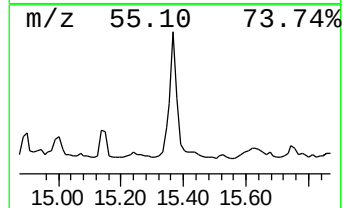
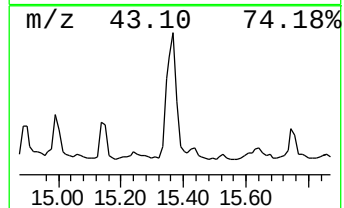
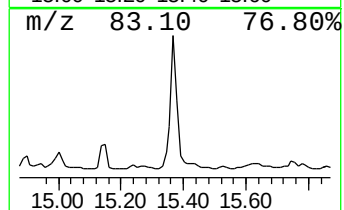
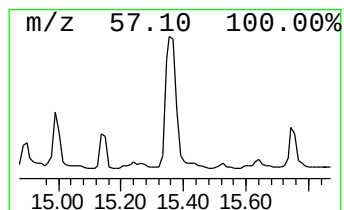
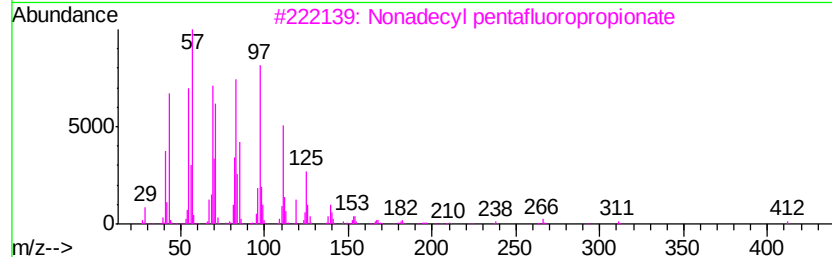
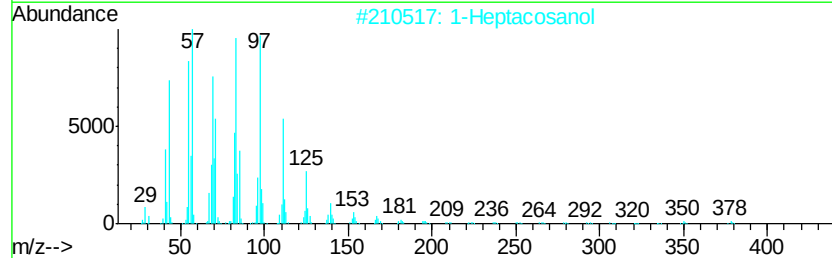
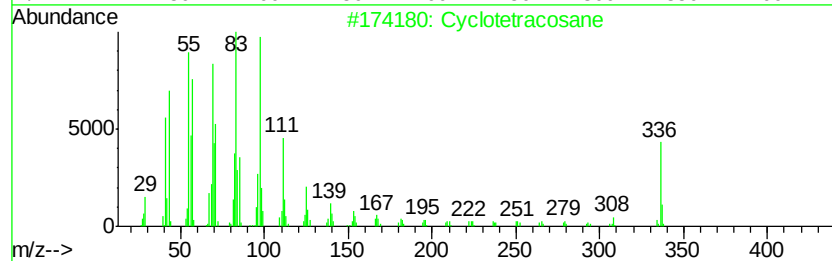
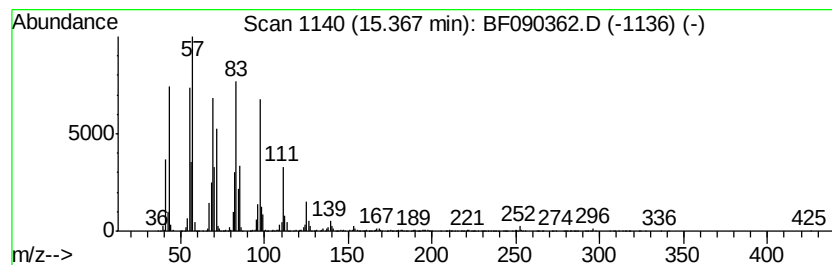
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Cyclotetracosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.37	44.94 ng	3024150	Perylene-d12	15.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotetracosane	336	C24H48	000297-03-0	95
2		1-Heptacosanol	396	C27H56O	002004-39-9	94
3		Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
4		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91
5		17-Pentatriacontene	491	C35H70	006971-40-0	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
Data File : BF090362.D
Acq On : 5 Oct 2016 00:34
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Misc :
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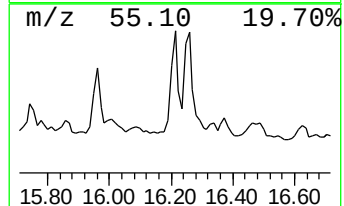
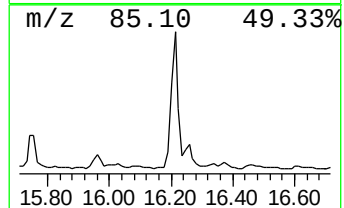
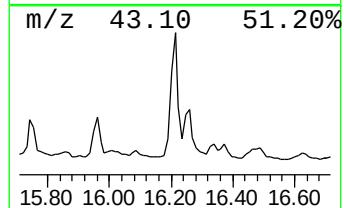
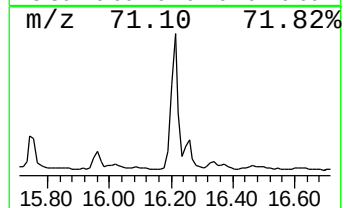
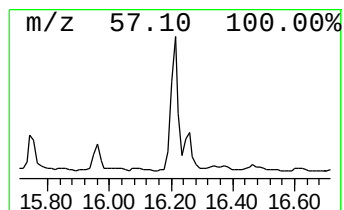
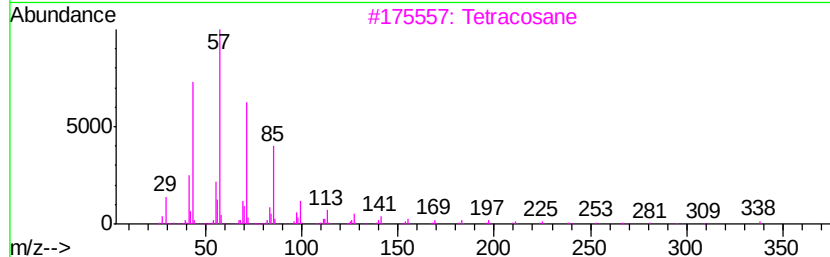
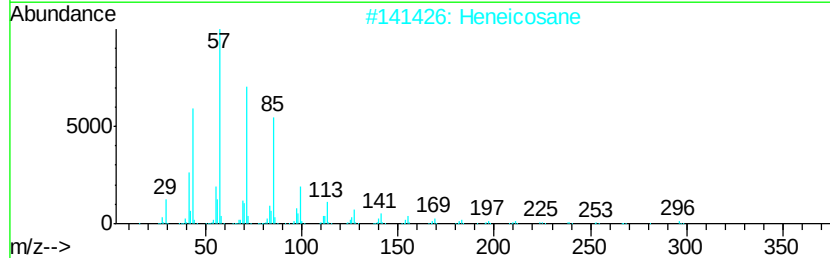
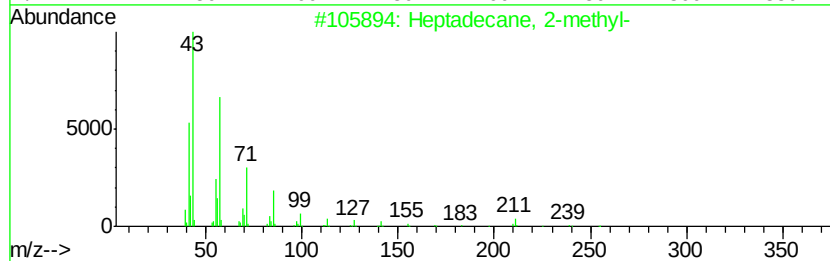
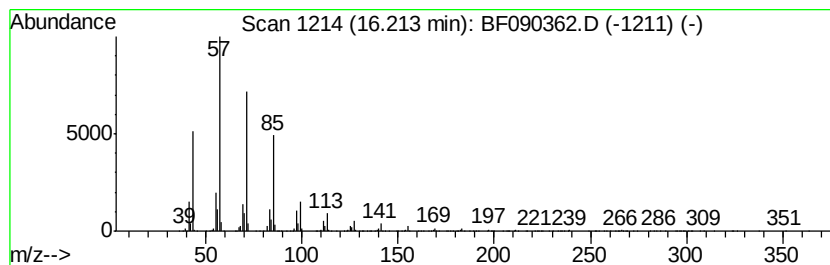
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Heptadecane, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.21	22.16 ng	1491010	Perylene-d12	15.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Tetracosane	338	C24H50	000646-31-1	91
4		Octadecane	254	C18H38	000593-45-3	90
5		Nonadecane	268	C19H40	000629-92-5	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
Data File : BF090362.D
Acq On : 5 Oct 2016 00:34
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Sample : H5025-01
Misc :
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Instrument :
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ClientSampleId :
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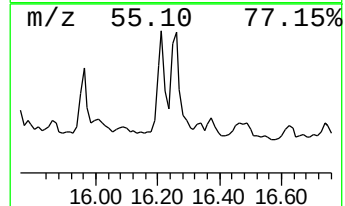
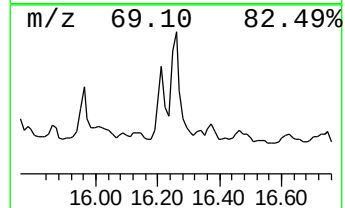
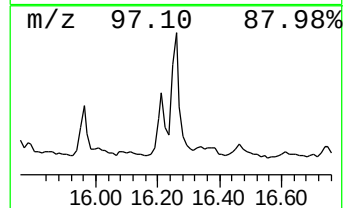
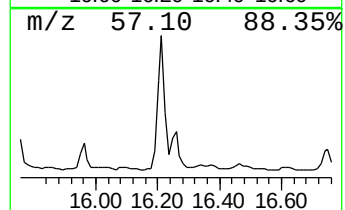
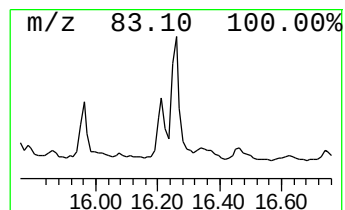
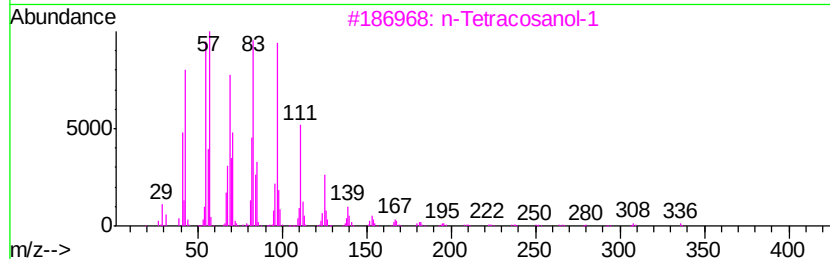
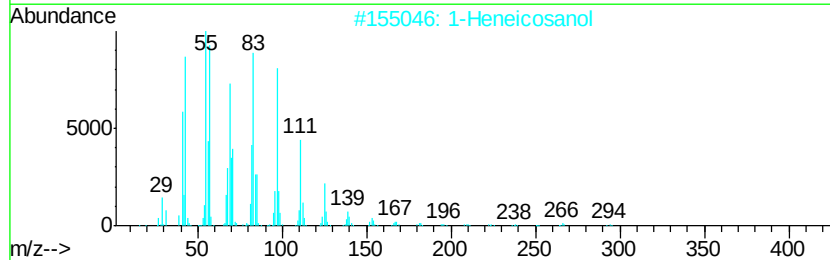
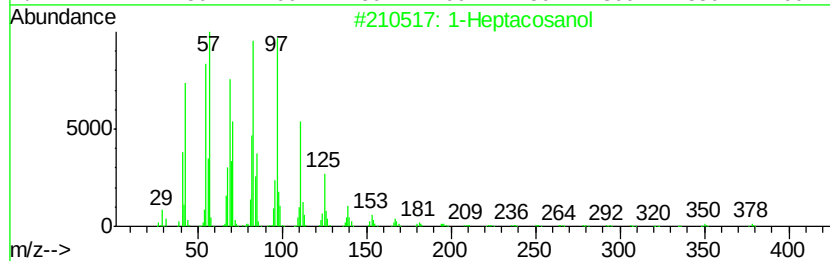
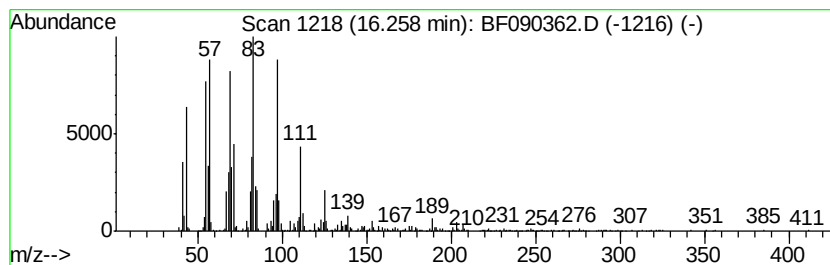
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 1-Heptacosanol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.26	18.78 ng	1263910	Perylene-d12	15.71

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Heptacosanol	396	C27H56O	002004-39-9	94
2			1-Heneicosanol	312	C21H44O	015594-90-8	94
3			n-Tetracosanol-1	354	C24H50O	000506-51-4	91
4			Behenic alcohol	326	C22H46O	000661-19-8	91
5			n-Nonadecanol-1	284	C19H40O	001454-84-8	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
Data File : BF090362.D
Acq On : 5 Oct 2016 00:34
Operator : UM/SJ
Sample : H5025-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

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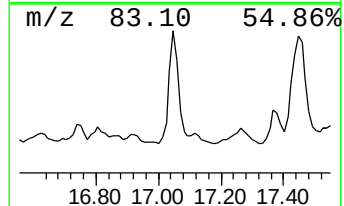
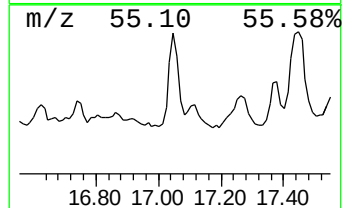
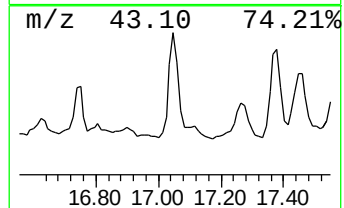
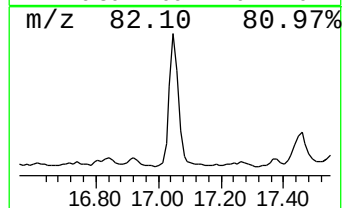
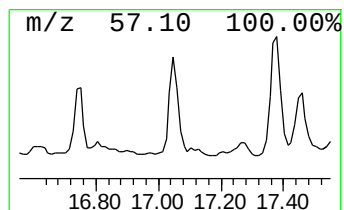
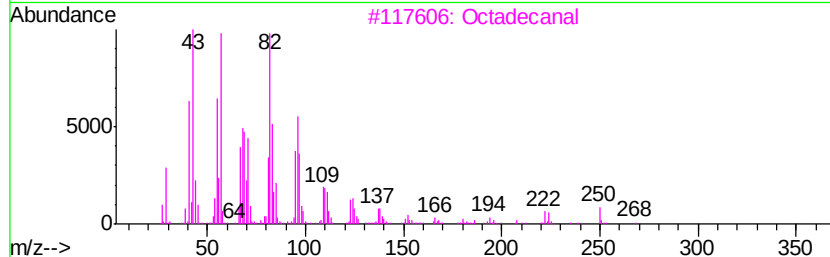
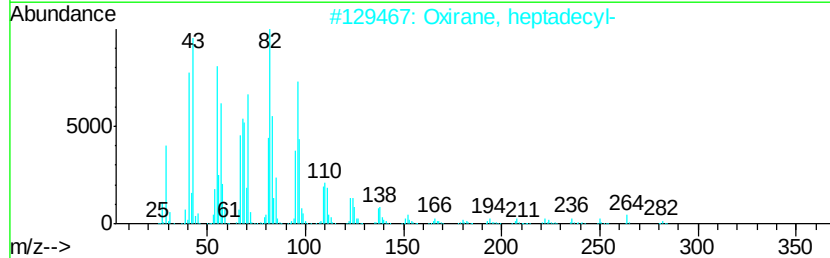
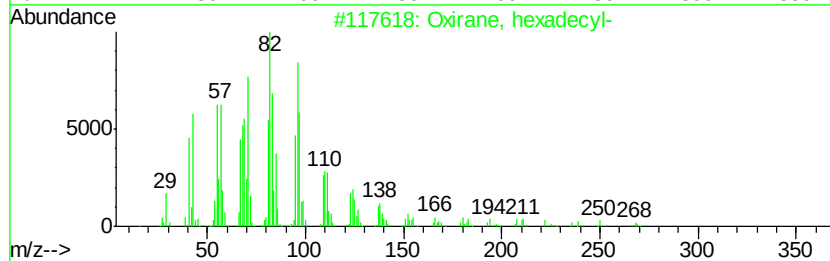
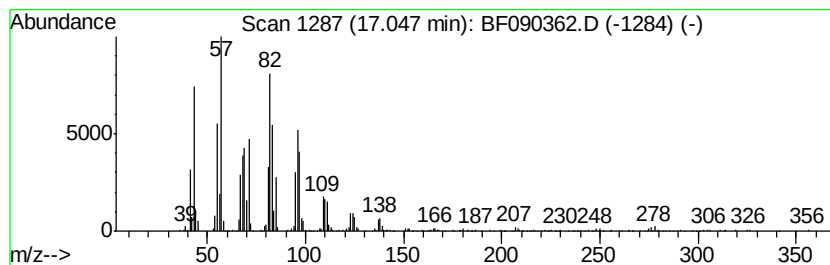
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Oxirane, hexadecyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.05	13.01 ng	875502	Perylene-d12	15.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
2		Oxirane, heptadecyl-	282	C19H38O	067860-04-2	90
3		Octadecanal	268	C18H36O	000638-66-4	87
4		Hexadecanal	240	C16H32O	000629-80-1	87
5		(Z)-14-Tricosenyl formate	366	C24H46O2	077899-10-6	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
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Acq On : 5 Oct 2016 00:34
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Sample : H5025-01
Misc :
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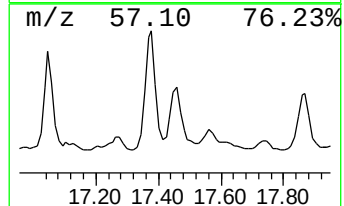
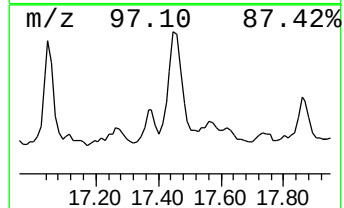
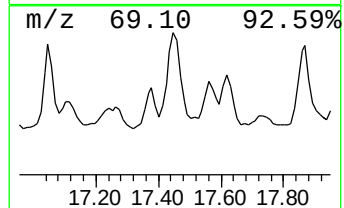
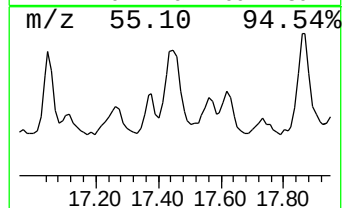
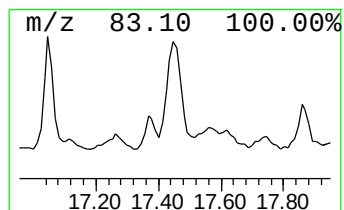
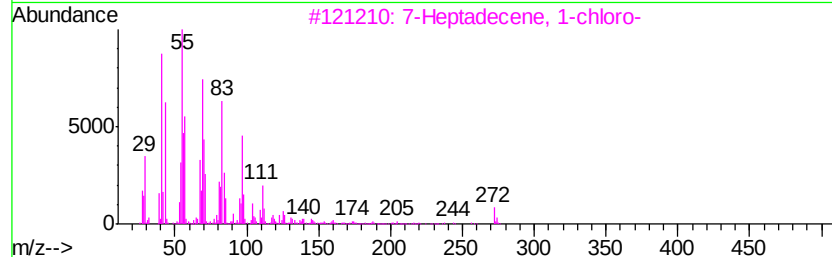
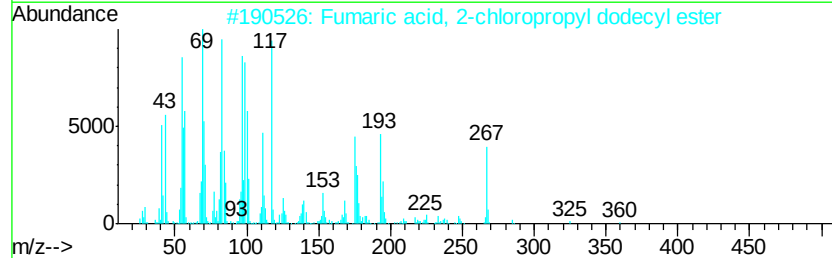
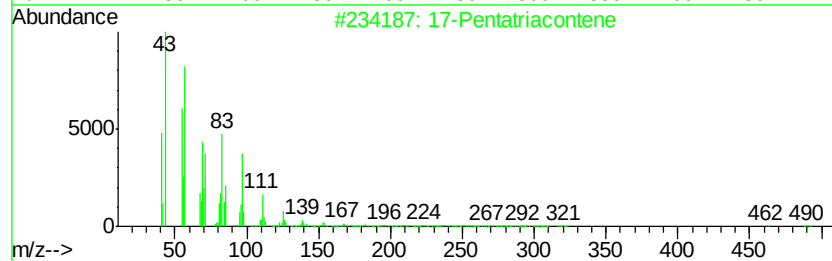
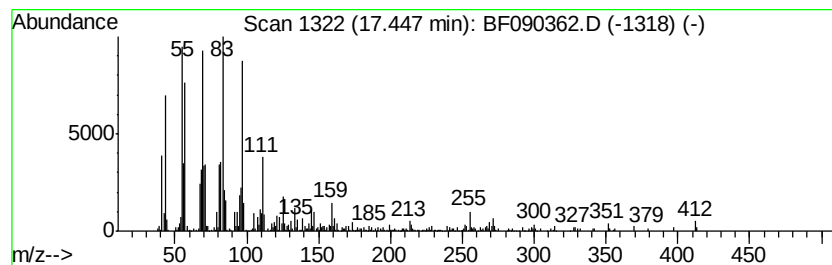
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 17-Pentatriacontene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.45	18.47 ng	1243240	Perylene-d12	15.71
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	17-Pentatriacontene	491 C35H70	006971-40-0	90
2	Fumaric acid, 2-chloropropyl dod...	360 C19H33ClO4	1000348-57-0	83
3	7-Heptadecene, 1-chloro-	272 C17H33Cl	056554-78-0	83
4	7-Heptadecene, 17-chloro-	272 C17H33Cl	056554-79-1	70
5	Cyclohexane, 2,4-diisopropyl-1,1...	196 C14H28	1000149-60-5	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
Data File : BF090362.D
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ClientSampleId :
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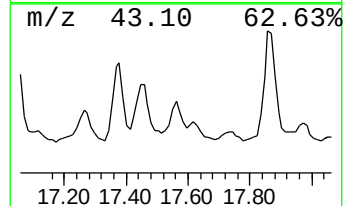
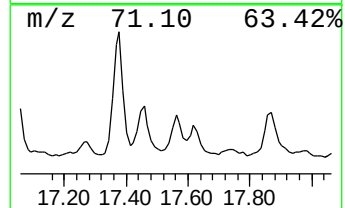
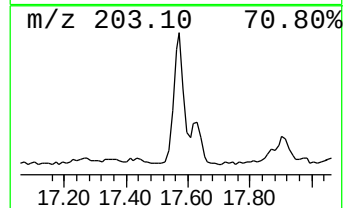
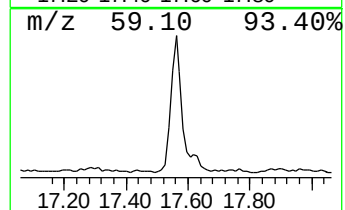
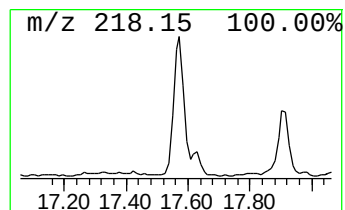
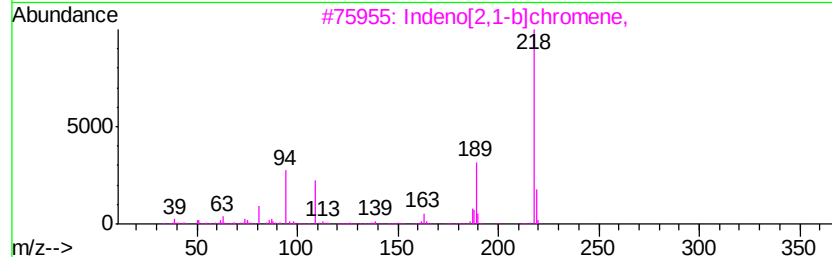
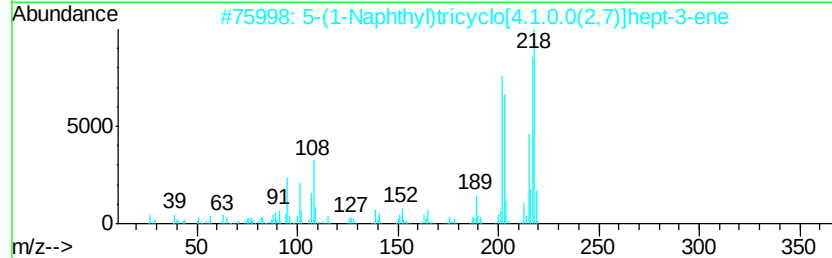
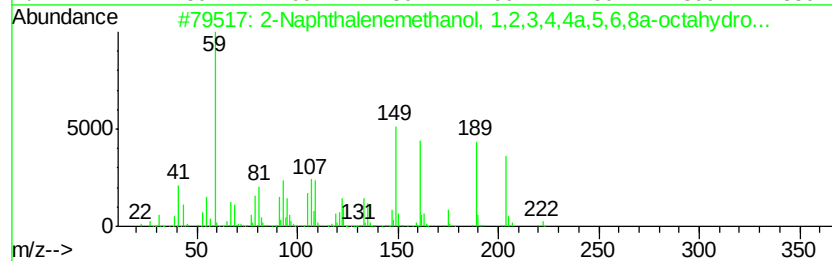
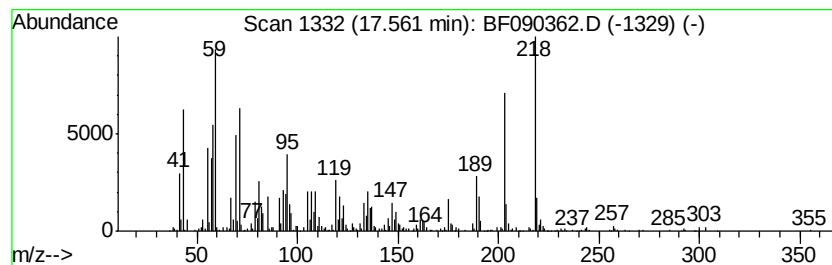
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown17.56 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.56	11.89 ng	799894	Perylene-d12	15.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Naphthalenemethanol, 1,2,3,4,4...	222	C15H26O	000473-16-5	38
2		5-(1-Naphthyl)tricyclo[4.1.0.0(2...	218	C17H14	107729-05-5	35
3		Indeno[2,1-b]chromene,	218	C16H10O	000243-24-3	35
4		2-Naphthalenemethanol, decahydro...	222	C15H26O	000473-15-4	30
5		1-Naphthalenol, decahydro-1,4a-d...	222	C15H26O	000473-04-1	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
Data File : BF090362.D
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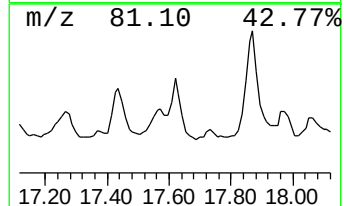
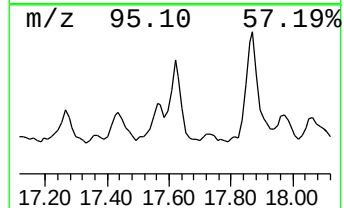
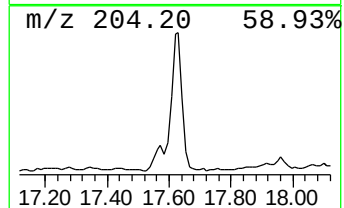
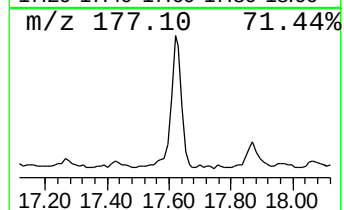
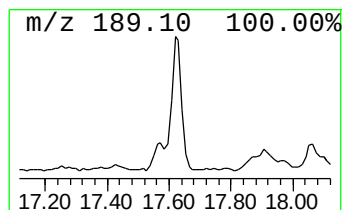
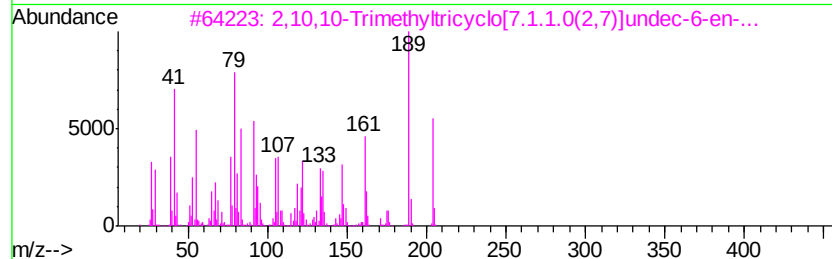
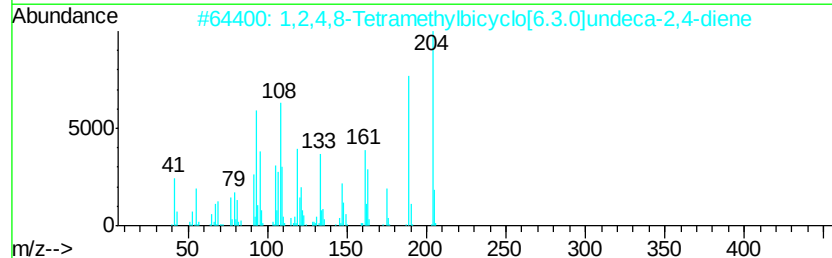
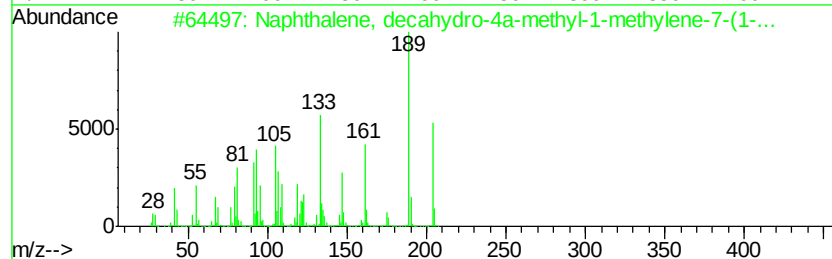
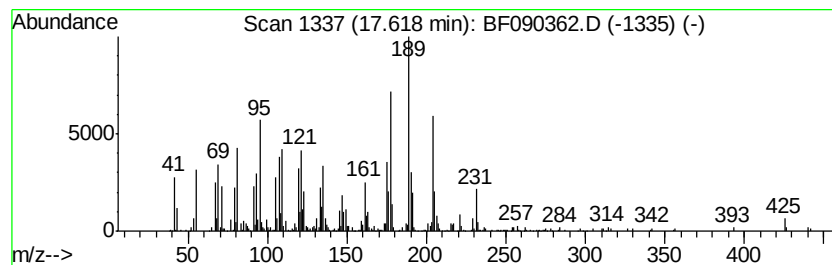
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 unknown17.62 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.62	13.69 ng	921291	Perylene-d12	15.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-4a-methyl...	204	C15H24	000515-17-3	43
2		1,2,4,8-Tetramethylbicyclo[6.3.0]...	204	C15H24	137235-51-9	38
3		2,10,10-Trimethyltricyclo[7.1.1]...	204	C14H20O	1000210-81-9	35
4		Naphthalene, 1,2,3,4,4a,5,6,8a-o...	204	C15H24	000473-13-2	30
5		Naphthalene, 1,2,4a,5,8,8a-hexah...	204	C15H24	005951-61-1	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
Data File : BF090362.D
Acq On : 5 Oct 2016 00:34
Operator : UM/SJ
Sample : H5025-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PA-1

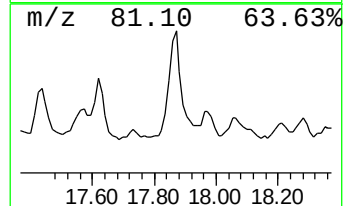
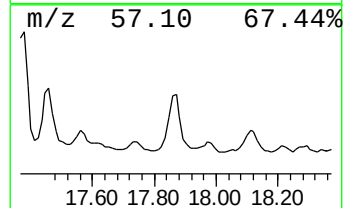
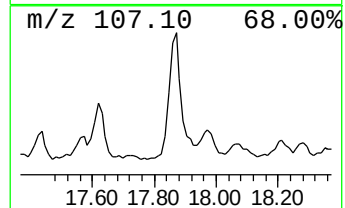
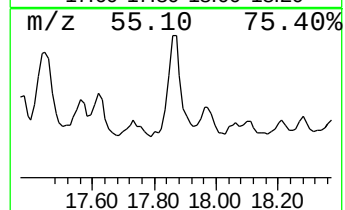
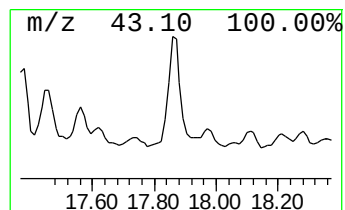
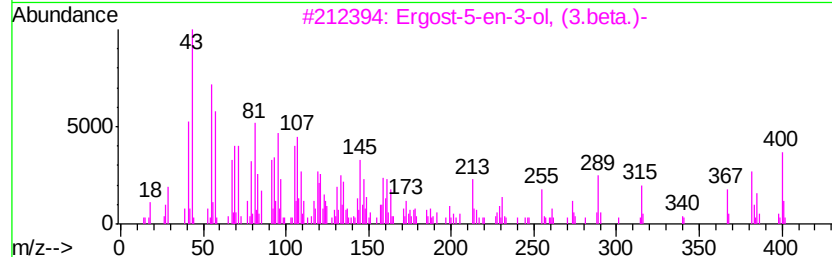
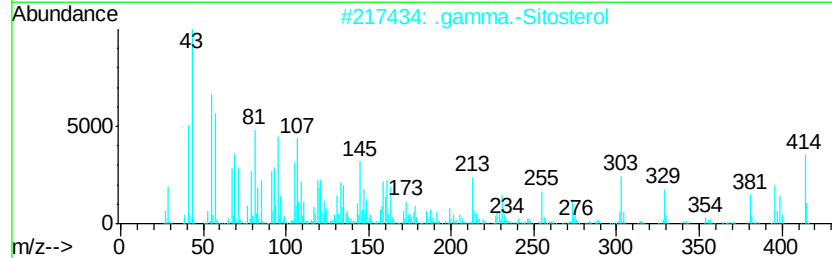
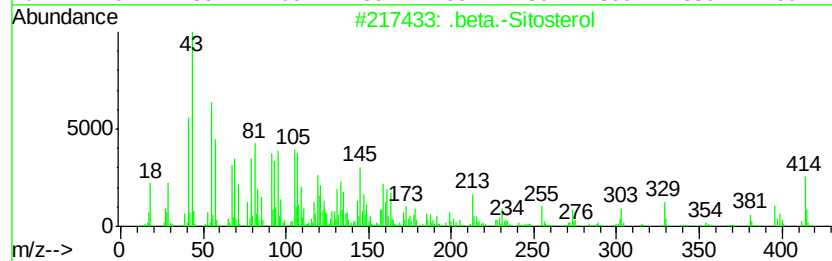
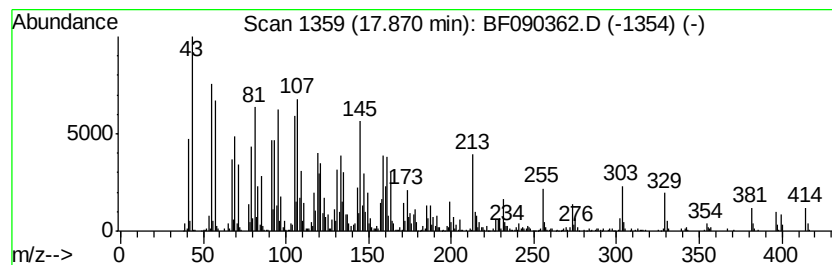
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 .beta.-Sitosterol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	38.12 ng	2564940	Perylene-d12	15.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.beta.-Sitosterol	414	C29H50O	000083-46-5	99
2		.gamma.-Sitosterol	414	C29H50O	000083-47-6	99
3		Ergost-5-en-3-ol, (3.beta.)-	400	C28H48O	004651-51-8	64
4		Campesterol	400	C28H48O	000474-62-4	58
5		Pregn-5-en-3-ol, 21-bromo-20-met...	394	C22H35BrO	055103-80-5	46



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
Data File : BF090362.D
Acq On : 5 Oct 2016 00:34
Operator : UM/SJ
Sample : H5025-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PA-1

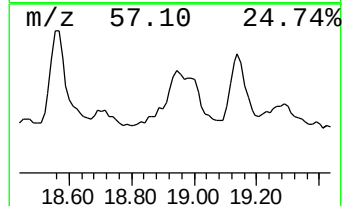
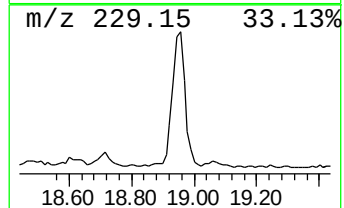
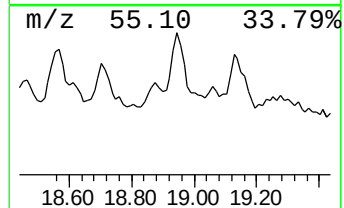
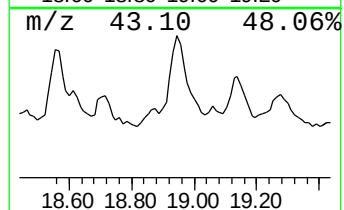
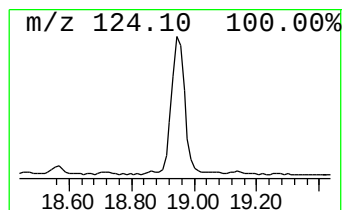
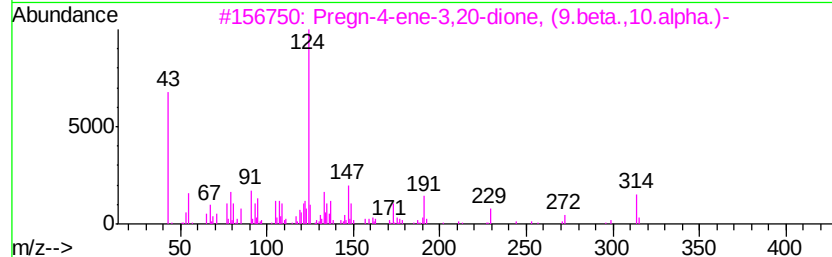
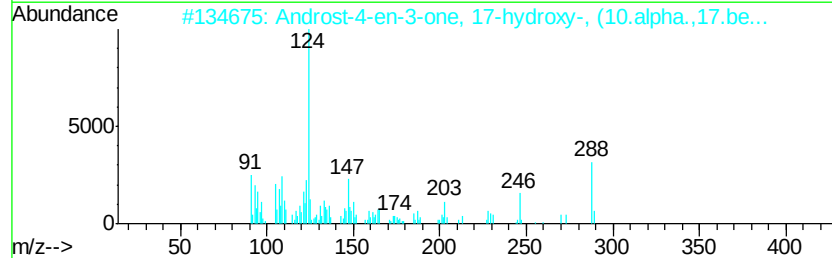
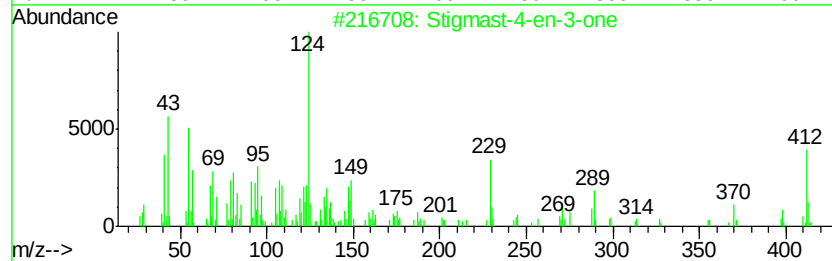
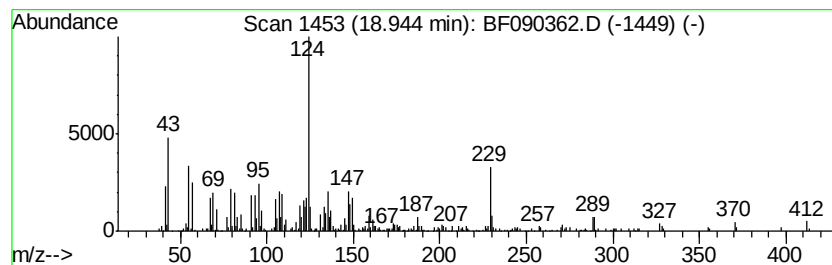
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Stigmast-4-en-3-one Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.94	14.27 ng	960013	Perylene-d12	15.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Stigmast-4-en-3-one	412	C29H48O	001058-61-3	94
2		Androst-4-en-3-one, 17-hydroxy-, ...	288	C19H28O2	000604-39-7	92
3		Pregn-4-ene-3,20-dione, (9.beta....	314	C21H30O2	002755-10-4	49
4		Testosterone	288	C19H28O2	000058-22-0	49
5		Methyl 5-hydroxymethyl-4-imidazo...	156	C6H8N2O3	082032-43-7	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
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 Acq On : 5 Oct 2016 00:34
 Operator : UM/SJ
 Sample : H5025-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PA-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.22	18.7	ng	1271810	1	7.01	1361840	20.0
unknown6.78	6.78	83.0	ng	5648580	1	7.01	1361840	20.0
n-Hexadecanoic acid	12.08	21.4	ng	1904600	4	11.55	1776890	20.0
7-Heptadecene, 17...	12.78	13.5	ng	1200950	4	11.55	1776890	20.0
Octadecanoic acid	12.86	17.0	ng	1506860	4	11.55	1776890	20.0
Hexadecanoic acid...	12.96	13.8	ng	1506040	5	14.20	2179240	20.0
Decahydro-8a-ethy...	13.23	42.1	ng	4591700	5	14.20	2179240	20.0
Butyl myristate	13.66	17.0	ng	1849450	5	14.20	2179240	20.0
Behenic alcohol	14.03	14.7	ng	1602390	5	14.20	2179240	20.0
Octacosyl trifluo...	14.67	19.7	ng	2146140	5	14.20	2179240	20.0
Cyclotetracosane	15.37	44.9	ng	3024150	6	15.71	1345870	20.0
Heptadecane, 2-me...	16.21	22.2	ng	1491010	6	15.71	1345870	20.0
1-Heptacosanol	16.26	18.8	ng	1263910	6	15.71	1345870	20.0
Oxirane, hexadecyl-	17.05	13.0	ng	875502	6	15.71	1345870	20.0
17-Pentatriacontene	17.45	18.5	ng	1243240	6	15.71	1345870	20.0
unknown17.56	17.56	11.9	ng	799894	6	15.71	1345870	20.0
unknown17.62	17.62	13.7	ng	921291	6	15.71	1345870	20.0
beta.-Sitosterol	17.87	38.1	ng	2564940	6	15.71	1345870	20.0
Stigmast-4-en-3-one	18.94	14.3	ng	960013	6	15.71	1345870	20.0