

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111315\
 Data File : BF082901.D
 Acq On : 13 Nov 2015 17:03
 Operator : UM/IZ
 Sample : G4398-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WASTEWATEREFF

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-BF110715.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	5.401	288	290	292	rVB	2068226	2578055	6.39%	0.391%
2	6.430	378	380	383	rBV2	2090860	2329283	5.77%	0.353%
3	6.533	383	389	390	rVV	330155	902548	2.24%	0.137%
4	6.567	390	392	394	rVB	3632852	3499696	8.67%	0.530%
5	6.796	410	412	414	rVB	1427256	1166027	2.89%	0.177%
6	6.887	416	420	422	rBV	7079868	9262894	22.95%	1.403%
7	6.956	424	426	428	rVV	4680502	4135323	10.25%	0.626%
8	7.276	449	454	459	rVB	338942	1033283	2.56%	0.157%
9	7.367	459	462	463	rBV	2912690	3820560	9.47%	0.579%
10	7.744	468	495	497	rBV	4103183	30755455	76.21%	4.659%
11	8.053	503	522	523	rBV2	2943567	16787724	41.60%	2.543%
12	8.087	523	525	526	rVV	6664383	9442849	23.40%	1.430%
13	8.156	526	531	533	rVB	4268726	13356857	33.10%	2.023%
14	8.407	551	553	555	rVV2	631963	1024999	2.54%	0.155%
15	8.522	561	563	567	rVV2	672561	1429402	3.54%	0.217%
16	8.693	570	578	581	rBV	3624114	4325688	10.72%	0.655%
17	9.059	606	610	612	rVV	1196003	1707103	4.23%	0.259%
18	9.127	612	616	617	rVV2	577807	859095	2.13%	0.130%
19	9.173	617	620	623	rVV	5641152	7818840	19.37%	1.184%
20	9.265	625	628	629	rVV	6548679	6207069	15.38%	0.940%
21	9.299	629	631	632	rVV	1609352	2257168	5.59%	0.342%
22	9.333	632	634	638	rVV2	1824605	1964605	4.87%	0.298%
23	9.425	638	642	643	rVV	2079879	2506154	6.21%	0.380%
24	9.459	643	645	647	rVV	3026189	4333444	10.74%	0.656%
25	9.516	647	650	651	rVV2	869106	1731131	4.29%	0.262%
26	9.573	653	655	659	rVV4	538084	1667363	4.13%	0.253%
27	9.676	659	664	667	rVV	12509160	18836297	46.68%	2.853%
28	9.790	672	674	676	rVV2	3364682	5340821	13.23%	0.809%
29	9.836	676	678	681	rVV2	2970689	6479401	16.06%	0.982%
30	9.882	681	682	685	rVV2	1411135	1974084	4.89%	0.299%
31	9.950	685	688	689	rVV	1168273	1519176	3.76%	0.230%
32	9.973	689	690	693	rVV	3282465	2863058	7.09%	0.434%
33	10.145	698	705	706	rBV	4534918	11740096	29.09%	1.778%
34	10.190	706	709	712	rVV	12514800	14943935	37.03%	2.264%

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Integration Parameters: rteint.p
 Integrator: RTE
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 Sampling : 1
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 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.293	715	718	719	rBV	1153613	1624477	4.03%	0.246%
36	10.442	730	731	733	rBV2	589052	1109957	2.75%	0.168%
37	10.476	733	734	735	rVV	1548951	1238026	3.07%	0.188%
38	10.499	735	736	740	rVB	2012824	2832811	7.02%	0.429%
39	10.636	746	748	749	rBV	2095145	2583652	6.40%	0.391%
40	10.670	749	751	754	rVB	9676830	10410508	25.80%	1.577%
41	10.762	757	759	765	rBV	3477555	4143129	10.27%	0.628%
42	10.888	767	770	771	rVV	10447231	16823648	41.69%	2.549%
43	10.922	771	773	775	rVV	15356439	33435857	82.85%	5.065%
44	10.956	775	776	778	rVV	13222062	9562802	23.70%	1.449%
45	11.036	778	783	784	rVB2	1889816	2791664	6.92%	0.423%
46	11.059	784	785	789	rVB	737306	1059347	2.63%	0.160%
47	11.139	789	792	794	rVB	8883345	10488924	25.99%	1.589%
48	11.173	794	795	802	rBV2	717466	2280698	5.65%	0.345%
49	11.322	807	808	812	rVB3	1150594	1483686	3.68%	0.225%
50	11.402	812	815	817	rVB2	811316	961089	2.38%	0.146%
51	11.562	826	829	831	rBV2	1151337	1452027	3.60%	0.220%
52	11.802	848	850	852	rBV	1059400	1352998	3.35%	0.205%
53	11.882	852	857	862	rBV3	2884697	4765558	11.81%	0.722%
54	12.076	872	874	876	rVB	1726332	1478742	3.66%	0.224%
55	12.122	876	878	879	rBV2	889797	1518745	3.76%	0.230%
56	12.145	879	880	883	rVV3	1118000	2071546	5.13%	0.314%
57	12.213	883	886	887	rVV3	818858	1840905	4.56%	0.279%
58	12.282	890	892	894	rVV	1108365	1289517	3.20%	0.195%
59	12.339	894	897	900	rVV	3212135	6192517	15.34%	0.938%
60	12.385	900	901	904	rVV2	3321418	5469528	13.55%	0.829%
61	12.476	904	909	910	rVV3	4381884	10467544	25.94%	1.586%
62	12.556	914	916	917	rVV	965096	1384792	3.43%	0.210%
63	12.602	918	920	922	rVV	6552493	6275582	15.55%	0.951%
64	12.648	922	924	926	rVV	2472931	4355586	10.79%	0.660%
65	12.694	926	928	929	rVV2	3298815	4386471	10.87%	0.664%
66	12.762	932	934	938	rVV	2367775	2846554	7.05%	0.431%
67	12.831	938	940	942	rVV	4686845	5694339	14.11%	0.863%
68	12.899	942	946	949	rVV	16747344	40355783	100.00%	6.113%
69	12.945	949	950	952	rVV	1229223	1755791	4.35%	0.266%
70	12.991	952	954	955	rVV	5349215	7047624	17.46%	1.068%
71	13.014	955	956	957	rVV	1079091	1129396	2.80%	0.171%

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 Sampling : 1 Min Area: 3 % of largest Peak
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 Stop Thrs : 0 Peak Location: TOP

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72	13.048	957	959	961	rVV	2826551	4617701	11.44%	0.700%
73	13.082	961	962	963	rVV	1953005	1429905	3.54%	0.217%
74	13.128	963	966	968	rVV	1910989	2531580	6.27%	0.383%
75	13.174	968	970	973	rVB	1234547	1906911	4.73%	0.289%
76	13.265	973	978	982	rBV2	17391310	37355531	92.57%	5.659%
77	13.345	982	985	987	rBV	5025710	4938725	12.24%	0.748%
78	13.391	987	989	991	rVV	2147356	3624912	8.98%	0.549%
79	13.425	991	992	994	rVB	2007560	1561270	3.87%	0.237%
80	13.482	994	997	998	rBV	1000386	1758569	4.36%	0.266%
81	13.528	998	1001	1003	rVB	14137773	20792528	51.52%	3.150%
82	13.619	1005	1009	1012	rVV2	15616257	30299678	75.08%	4.590%
83	13.699	1012	1016	1019	rVB	7952668	14038466	34.79%	2.127%
84	13.848	1026	1029	1031	rVB	1571643	2255565	5.59%	0.342%
85	13.962	1032	1039	1041	rBV	16619088	29619224	73.40%	4.487%
86	14.054	1045	1047	1049	rBV3	428963	929769	2.30%	0.141%
87	14.191	1057	1059	1063	rBV2	1086315	2923668	7.24%	0.443%
88	14.271	1063	1066	1071	rVV3	1766416	4808278	11.91%	0.728%
89	14.374	1071	1075	1082	rVV	3638691	10570345	26.19%	1.601%
90	14.477	1082	1084	1086	rVB	1588302	2197193	5.44%	0.333%
91	15.117	1137	1140	1150	rVB	2623827	4863716	12.05%	0.737%
92	15.391	1161	1164	1167	rBV	857330	1617216	4.01%	0.245%
93	16.180	1231	1233	1243	rVB3	308604	935072	2.32%	0.142%
94	16.602	1265	1270	1277	rBV2	230059	1190029	2.95%	0.180%
95	17.300	1328	1331	1337	rVB	348303	915314	2.27%	0.139%
96	18.088	1385	1400	1413	rBV	4753772	29288582	72.58%	4.437%
97	18.340	1415	1422	1434	rVB	236633	1569774	3.89%	0.238%
98	18.888	1461	1470	1491	rVB	3145545	12353731	30.61%	1.871%
99	20.946	1642	1650	1653	rBV3	189859	973835	2.41%	0.148%
100	21.094	1653	1663	1686	rVB	2040797	11700922	28.99%	1.773%

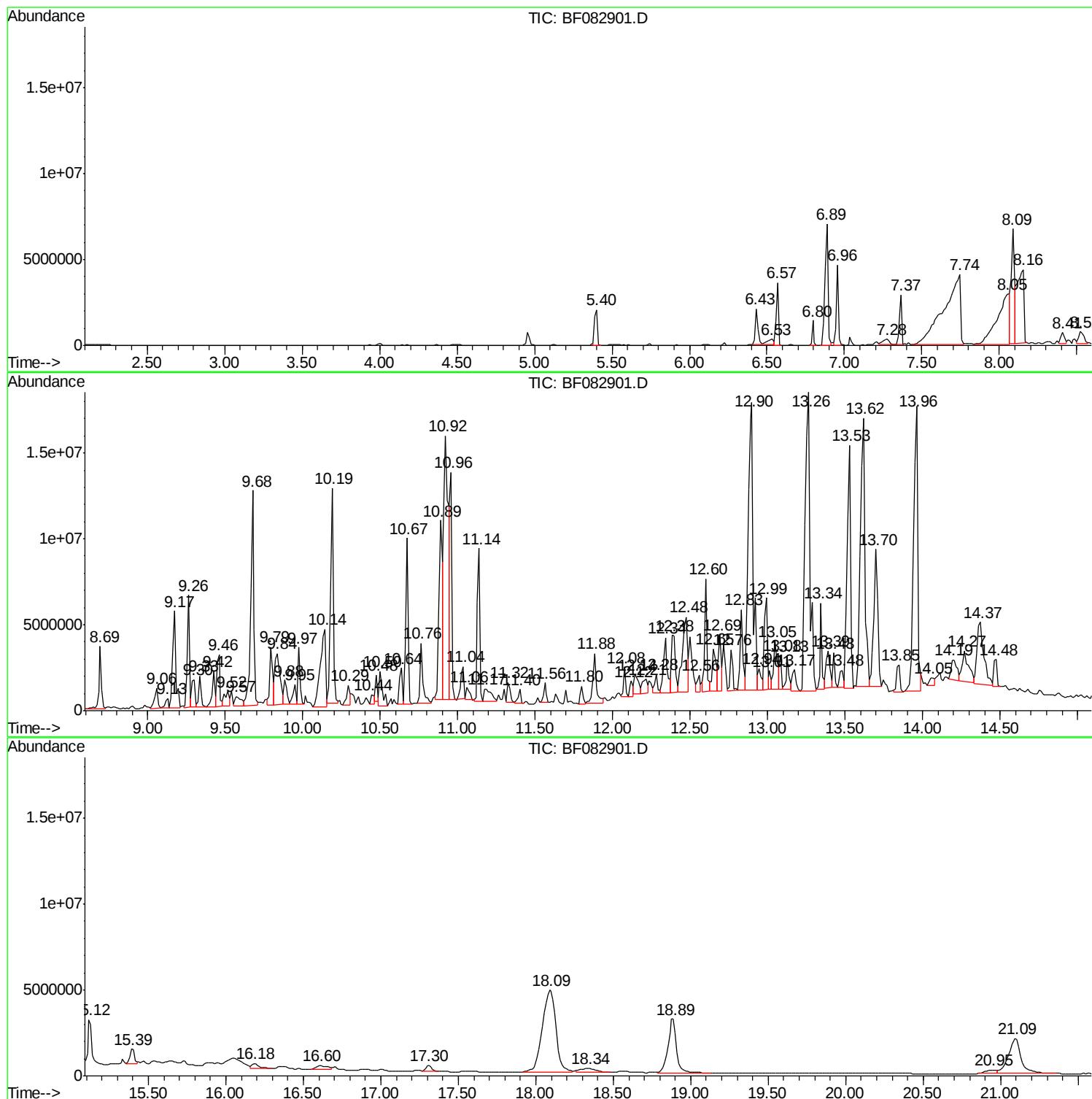
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Instrument :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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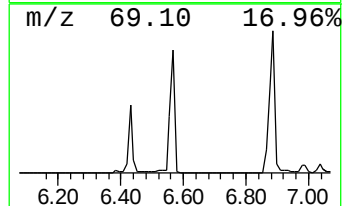
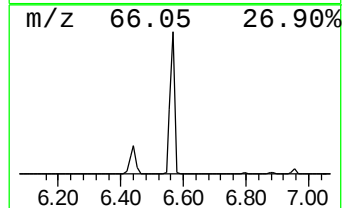
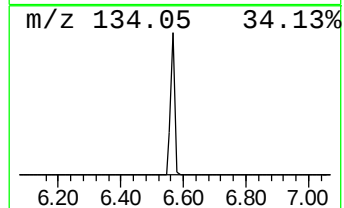
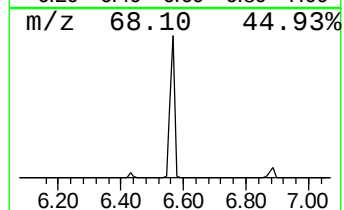
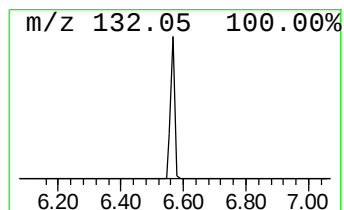
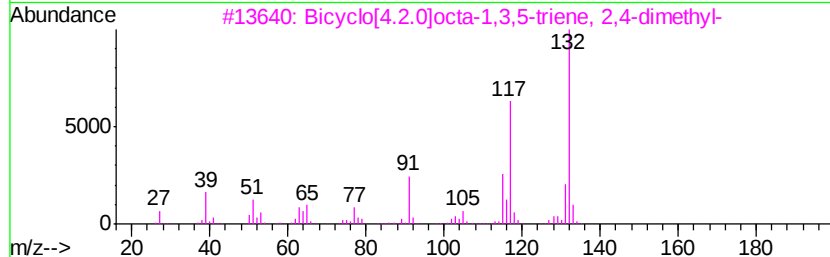
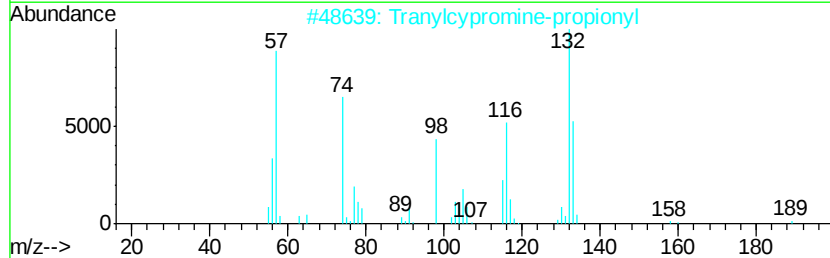
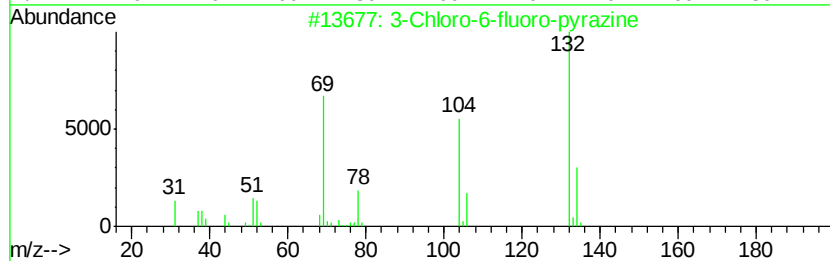
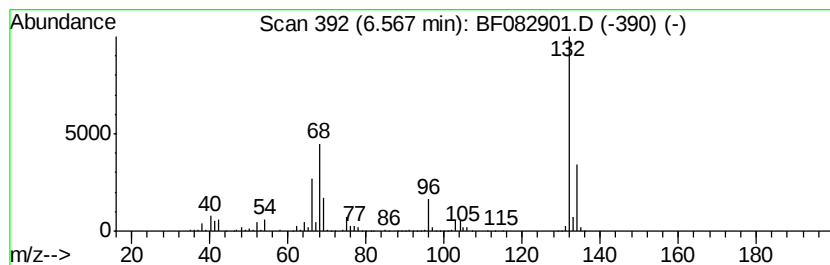
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.57 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	60.03 ng	3499700	1,4-Dichlorobenzene-d4	6.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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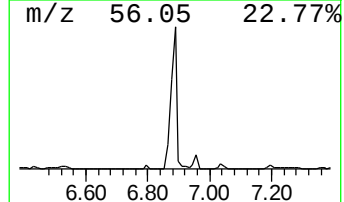
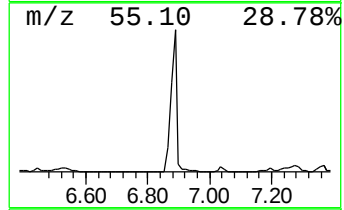
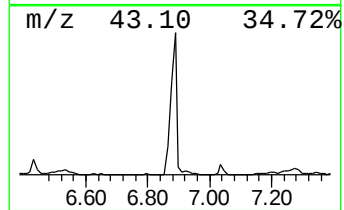
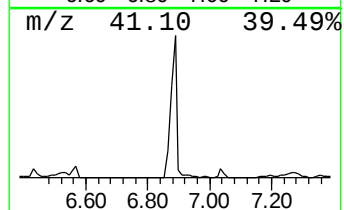
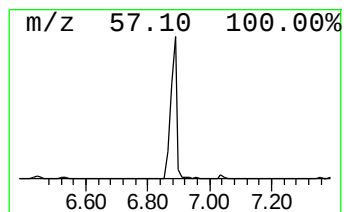
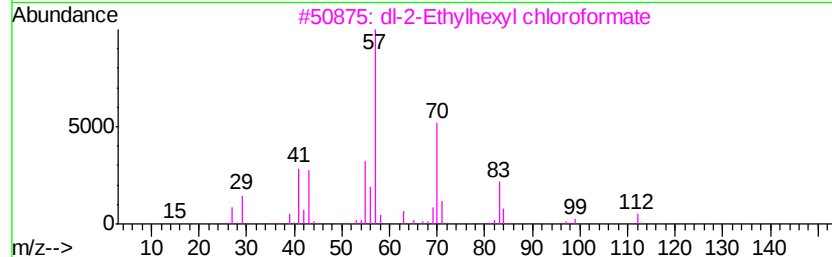
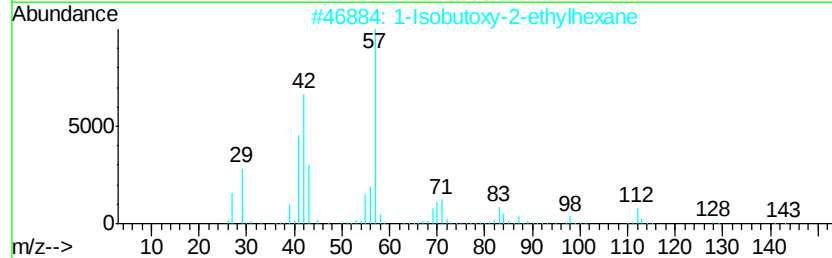
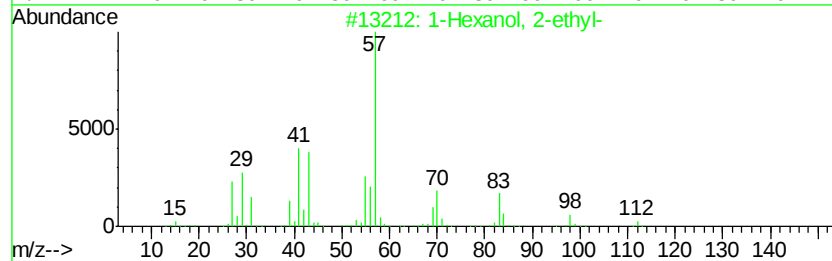
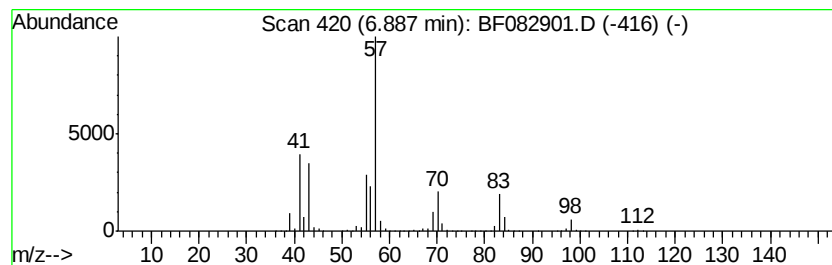
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 1-Hexanol, 2-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.89	158.88 ng	9262890	1,4-Dichlorobenzene-d4	6.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
2		1-Isobutoxy-2-ethylhexane	186	C12H26O	1000139-90-3	50
3		dl-2-Ethylhexyl chloroformate	192	C9H17ClO2	024468-13-1	42
4		1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	42
5		2-Propyl-1-pentanol	130	C8H18O	058175-57-8	42



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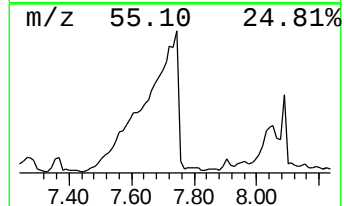
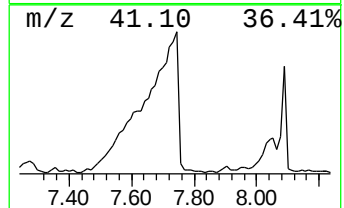
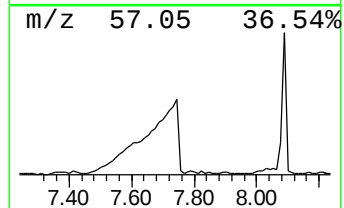
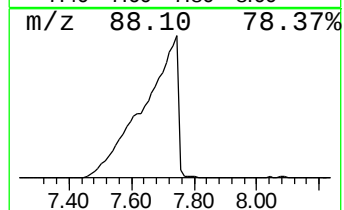
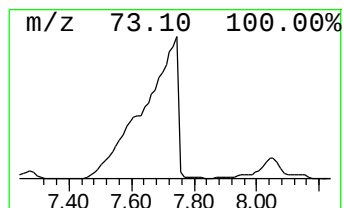
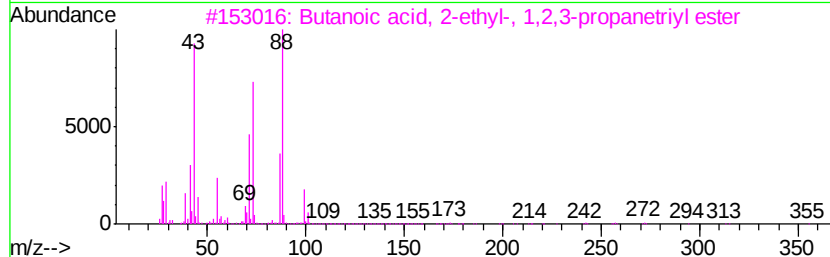
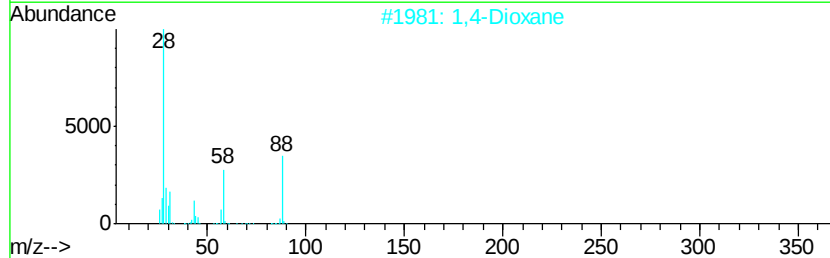
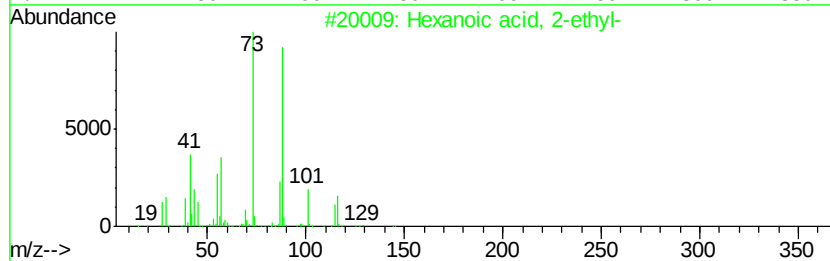
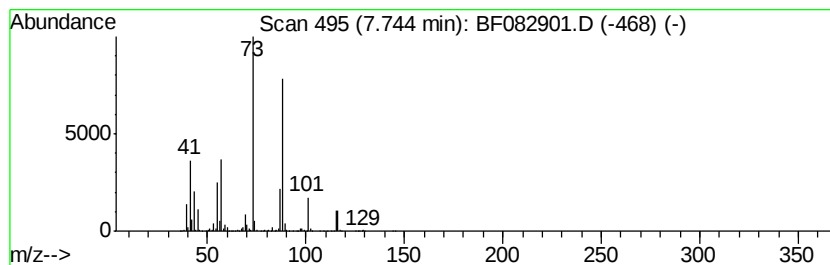
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Hexanoic acid, 2-ethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.74	65.14 ng	30755500	Naphthalene-d8	8.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	90
2		1,4-Dioxane	88	C4H8O2	000123-91-1	43
3		Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	42
4		Octanoic acid, 2-methyl-, methyl...	172	C10H20O2	002177-86-8	40
5		Heptanoic acid, 2-ethyl-	158	C9H18O2	003274-29-1	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111315\
Data File : BF082901.D
Acq On : 13 Nov 2015 17:03
Operator : UM/IZ
Sample : G4398-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

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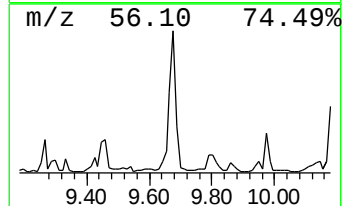
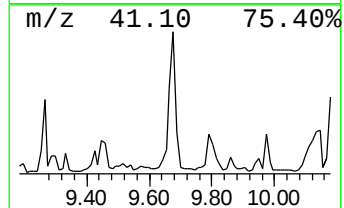
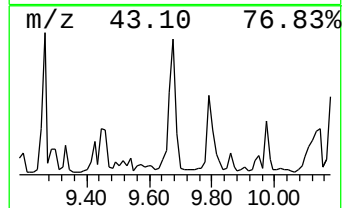
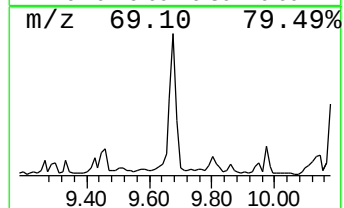
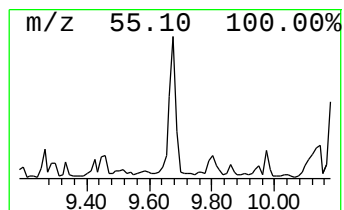
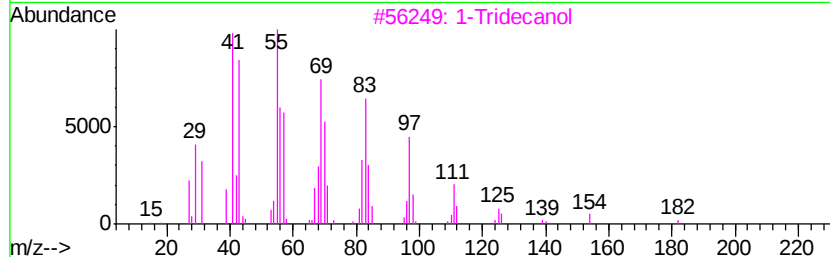
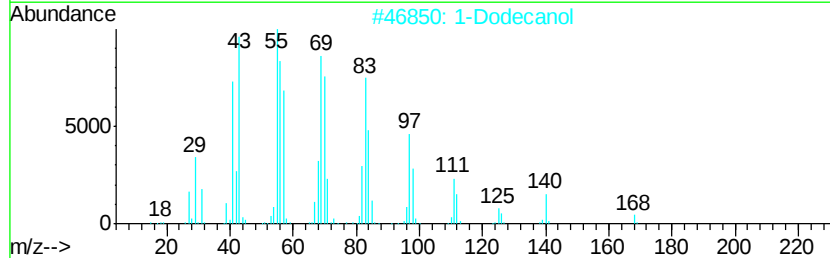
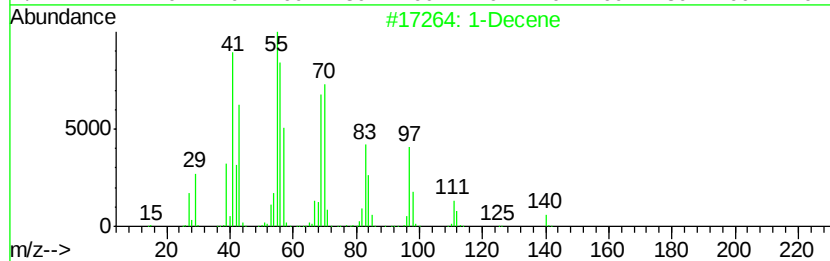
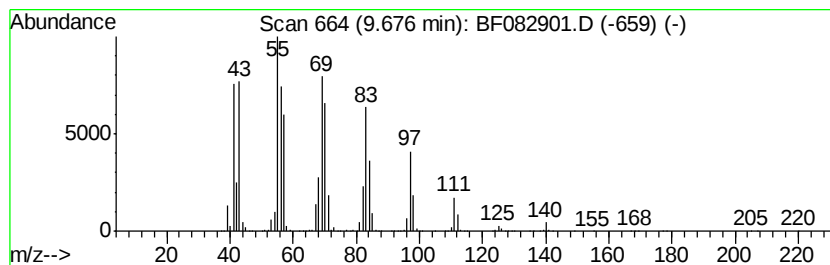
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 1-Decene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.68	58.14 ng	18836300	Acenaphthene-d10	9.85

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decene		140	C10H20	000872-05-9	95
2	1-Dodecanol		186	C12H26O	000112-53-8	91
3	1-Tridecanol		200	C13H28O	000112-70-9	91
4	Bromoacetic acid, decyl ester		278	C12H23BrO2	005436-93-1	90
5	3-Chloropropionic acid, dodecyl ...		276	C15H29ClO2	074316-16-8	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111315\
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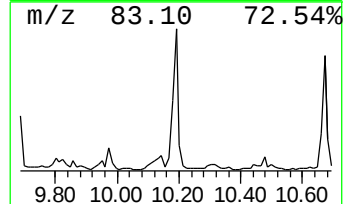
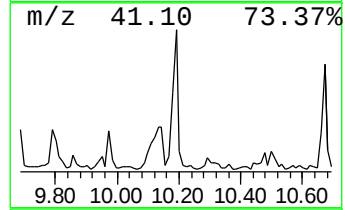
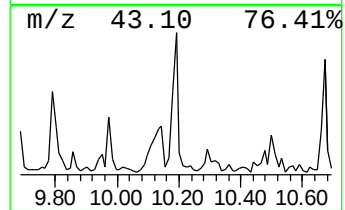
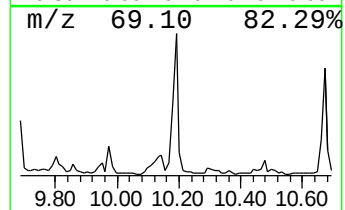
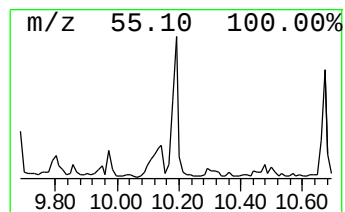
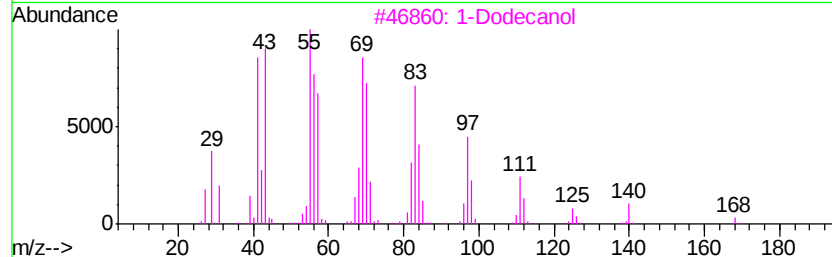
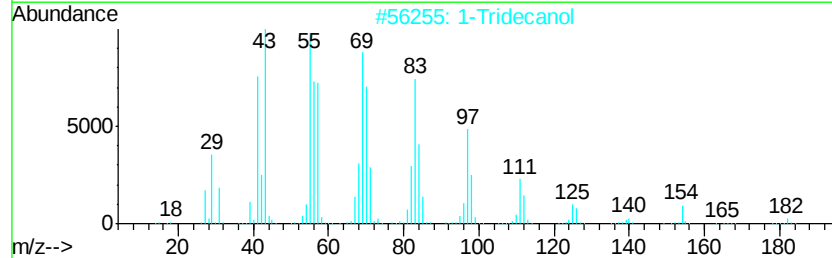
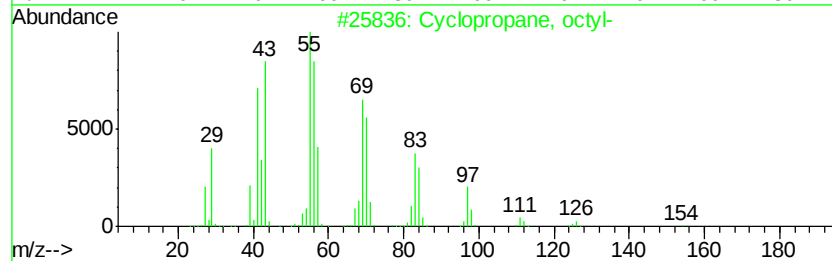
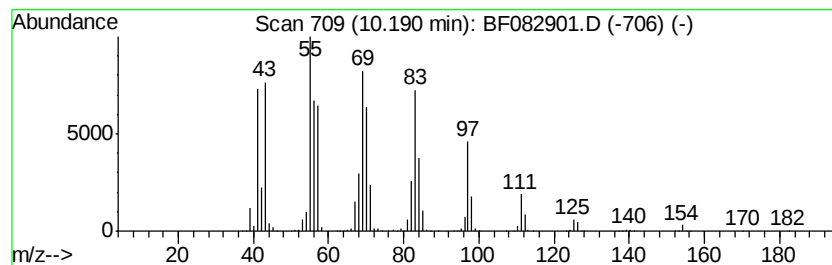
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Cyclopropane, octyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.19	46.13 ng	14943900	Acenaphthene-d10		9.85	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cvclopropane, octyl-	154	C11H22	001472-09-9	91
2		1-Tridecanol	200	C13H28O	000112-70-9	91
3		1-Dodecanol	186	C12H26O	000112-53-8	91
4		1-Undecanol	172	C11H24O	000112-42-5	91
5		Pentafluoropropionic acid, undec...	318	C14H23F5O2	1000283-04-0	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF111315\
Data File : BF082901.D
Acq On : 13 Nov 2015 17:03
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ClientSampleId :
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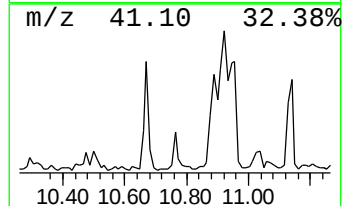
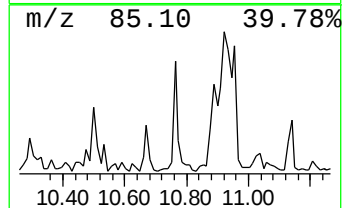
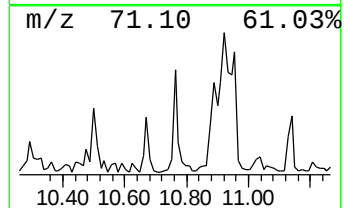
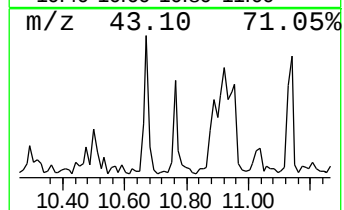
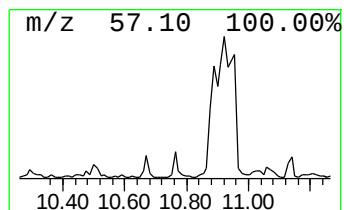
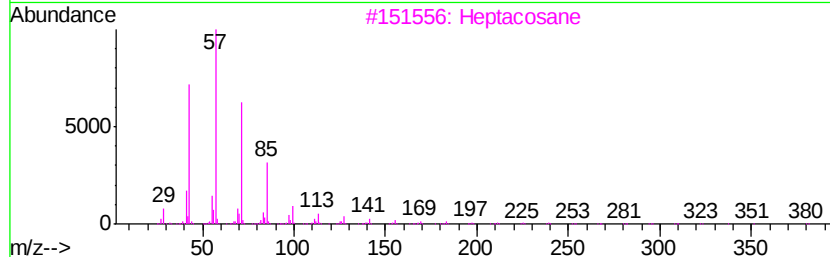
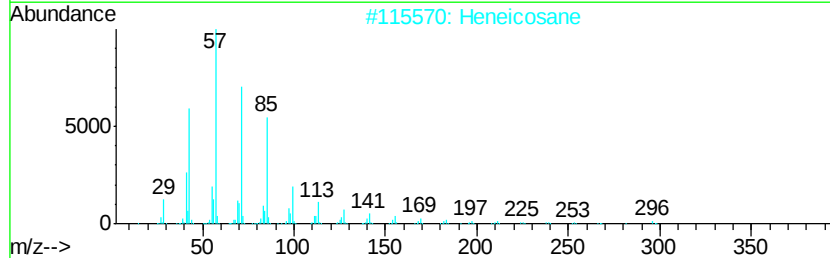
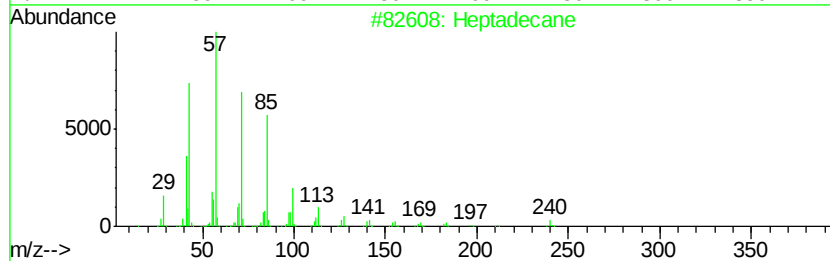
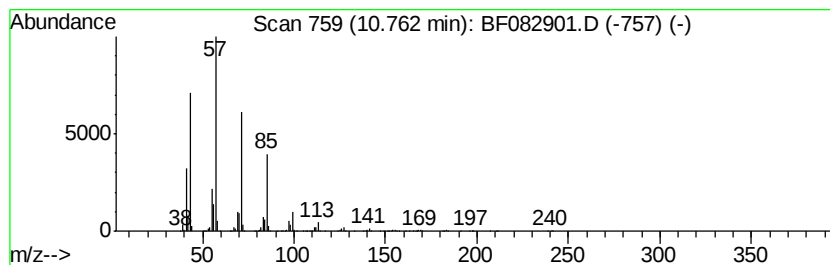
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heptadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	55.85 ng	4143130	Phenanthrene-d10	11.32

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	97
2	Heneicosane		296	C21H44	000629-94-7	90
3	Heptacosane		380	C27H56	000593-49-7	90
4	Nonadecane		268	C19H40	000629-92-5	86
5	Tridecane		184	C13H28	000629-50-5	86



Data Path : Z:\HPCHEM1\BNA F\DATA\BF111315\
Data File : BF082901.D
Acq On : 13 Nov 2015 17:03
Operator : UM/IZ
Sample : G4398-01
Misc :
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Instrument :
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ClientSampleId :
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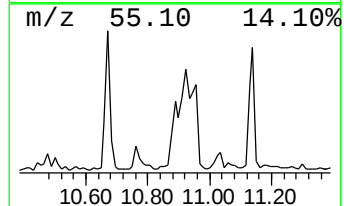
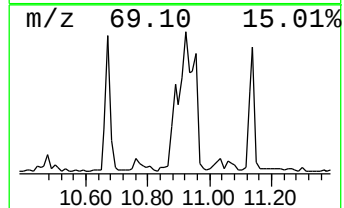
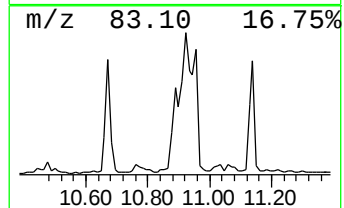
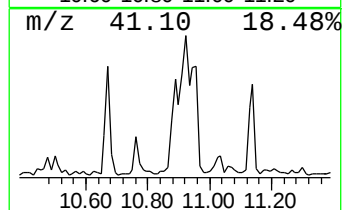
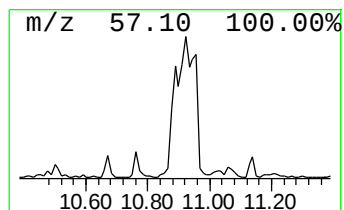
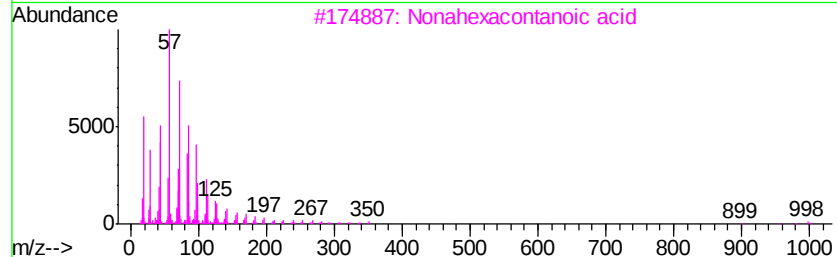
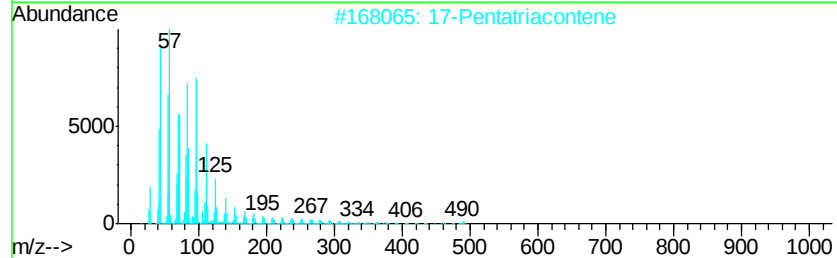
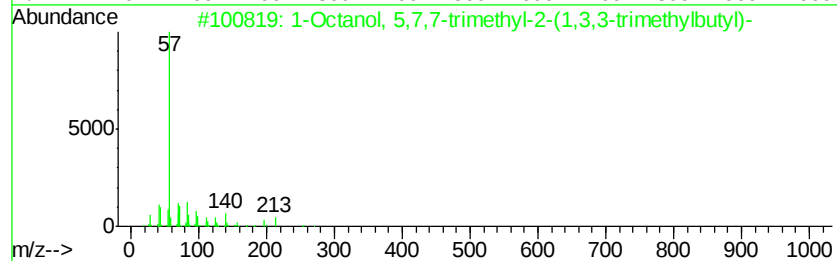
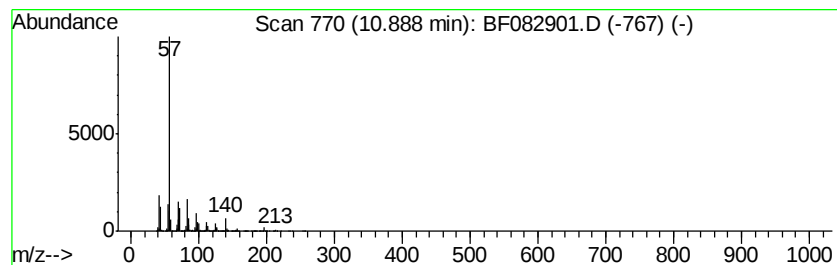
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 1-Octanol, 5,7,7-trimethyl-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.89	226.78 ng	16823600	Phenanthrene-d10	11.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Octanol, 5,7,7-trimethyl-2-(1,...	270	C18H38O	036400-98-3	59
2		17-Pentatriacontene	491	C35H70	006971-40-0	50
3		Nonahexacontanoic acid	999	C69H138O2	040710-32-5	47
4		2-Decanol, propanoate	214	C13H26O2	055683-11-9	47
5		Tetrapentacontane, 1,54-dibromo-	915	C54H108Br2	1000156-09-4	47



Data Path : Z:\HPCHEM1\BNA F\DATA\BF111315\
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Sample : G4398-01
Misc :
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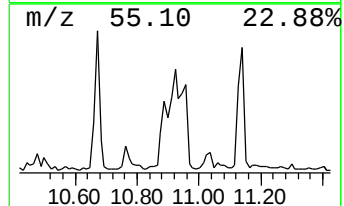
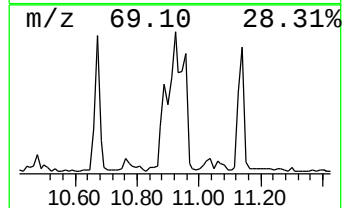
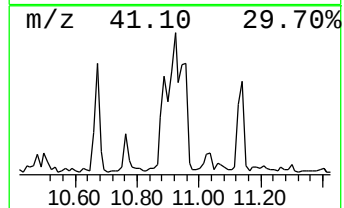
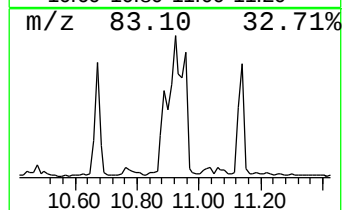
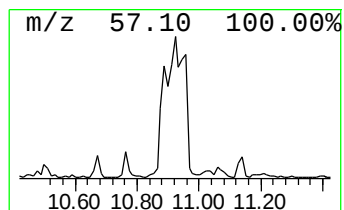
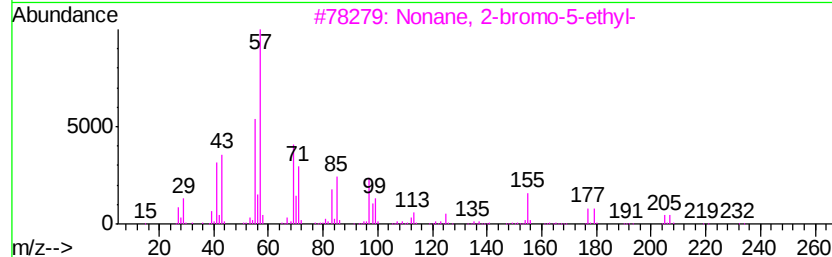
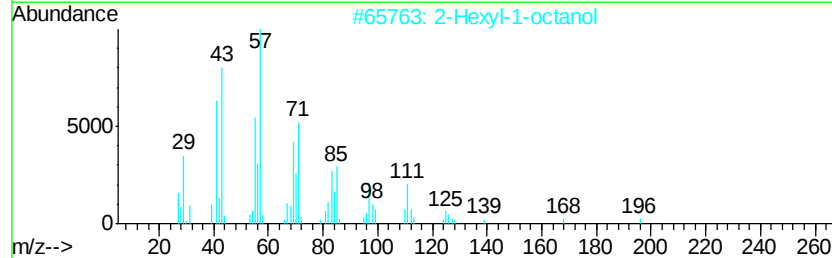
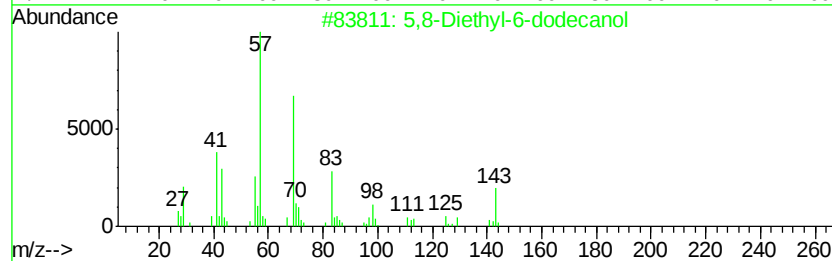
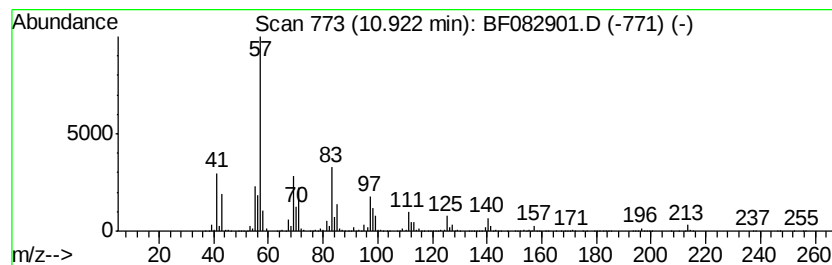
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 5,8-Diethyl-6-dodecanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.92	450.71 ng	33435900	Phenanthrene-d10	11.32	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,8-Diethyl-6-dodecanol	242	C16H34O	1000113-73-0	59
2	2-Hexyl-1-octanol	214	C14H30O	019780-79-1	53
3	Nonane, 2-bromo-5-ethyl-	234	C11H23Br	055162-38-4	50
4	1-Hentetracontanol	593	C41H84O	040710-42-7	50
5	2-Propionyloxypentadecane	284	C18H36O2	1000245-63-0	50



Data Path : Z:\HPCHEM1\BNA F\DATA\BF111315\
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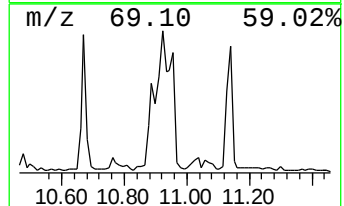
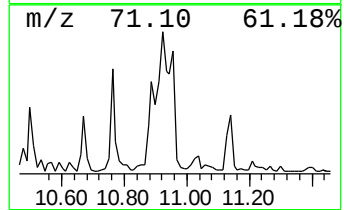
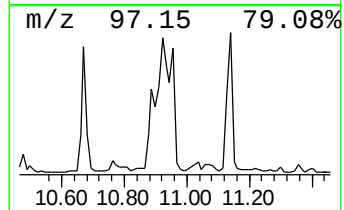
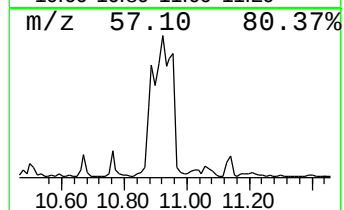
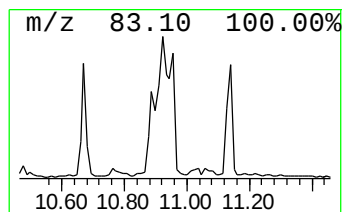
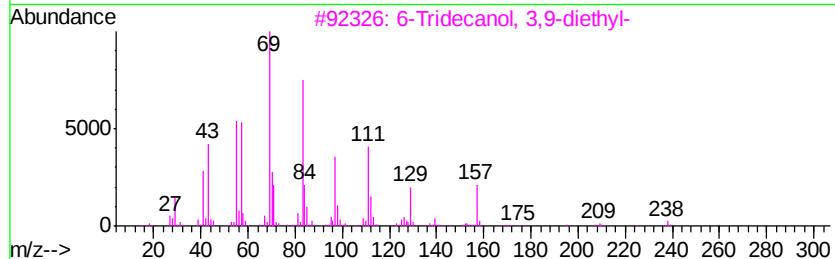
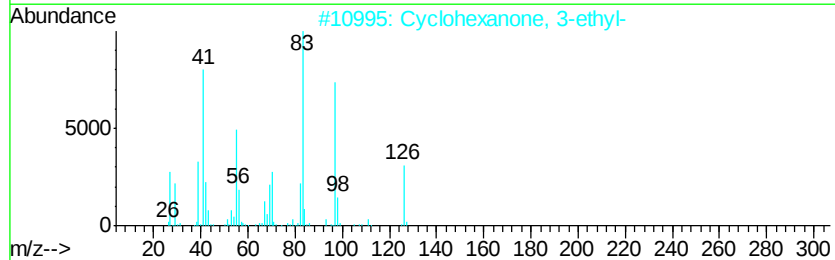
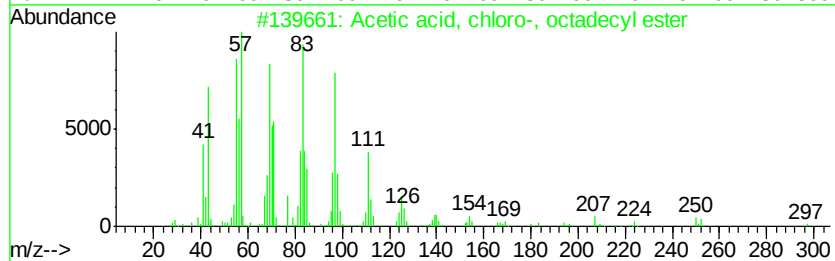
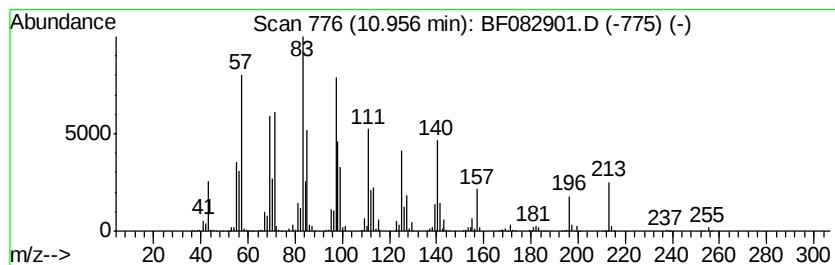
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown10.96 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.96	128.91 ng	9562800	Phenanthrene-d10	11.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Acetic acid, chloro-, octadecyl ...	346	C20H39ClO2	005348-82-3	38
2		Cyclohexanone, 3-ethyl-	126	C8H14O	022461-89-8	27
3		6-Tridecanol, 3,9-diethyl-	256	C17H36O	000123-24-0	25
4		1,3-Cyclohexanedione, 5,5-dimethyl-	140	C8H12O2	000126-81-8	22
5		5-Amino-1-ethylpyrazole	111	C5H9N3	003528-58-3	18



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111315\
Data File : BF082901.D
Acq On : 13 Nov 2015 17:03
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Sample : G4398-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

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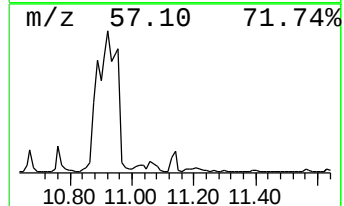
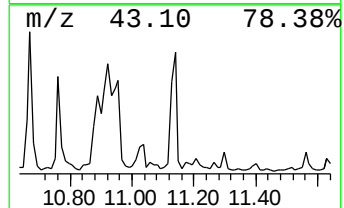
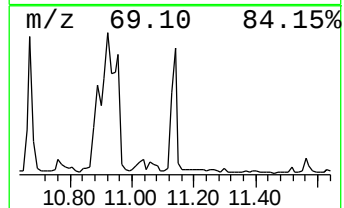
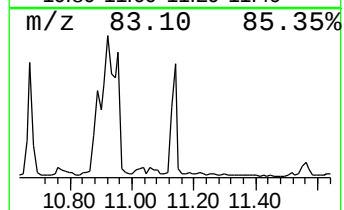
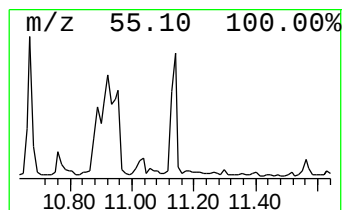
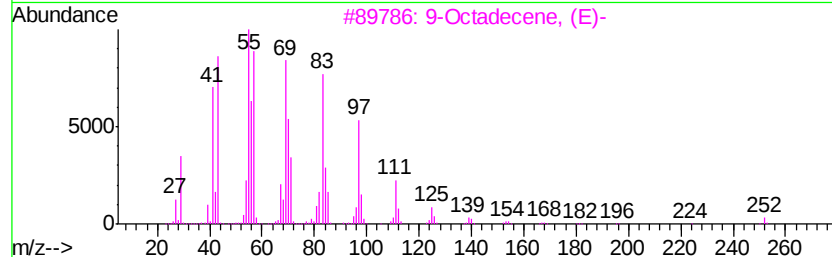
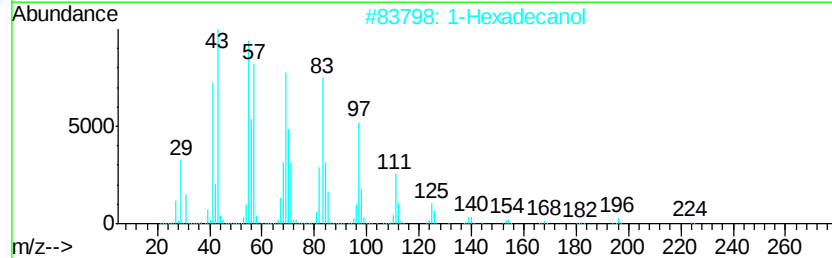
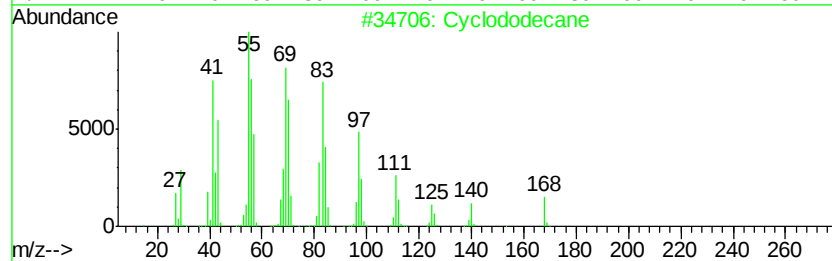
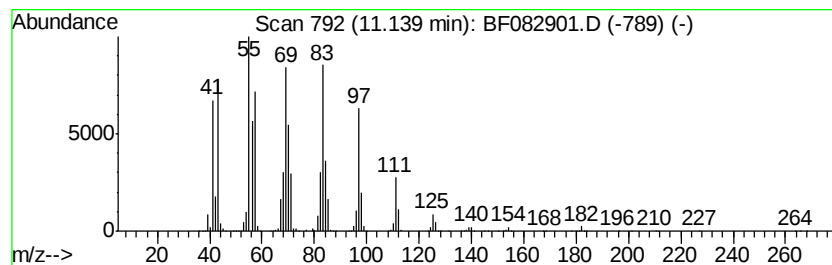
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Cyclododecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.14	141.39 ng	10488900	Phenanthrene-d10	11.32

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclododecane	168	C12H24	000294-62-2	94
2		1-Hexadecanol	242	C16H34O	036653-82-4	91
3		9-Octadecene, (E)-	252	C18H36	007206-25-9	91
4		1-Tridecanol	200	C13H28O	000112-70-9	91
5		3-Chloropropionic acid, tridecyl...	290	C16H31ClO2	1000281-77-4	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111315\
Data File : BF082901.D
Acq On : 13 Nov 2015 17:03
Operator : UM/IZ
Sample : G4398-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

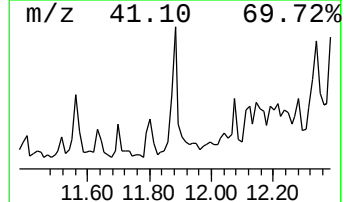
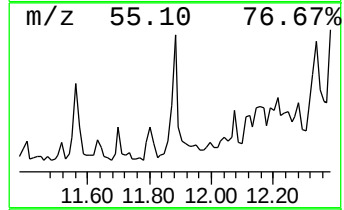
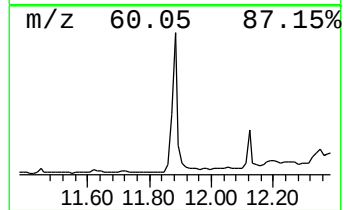
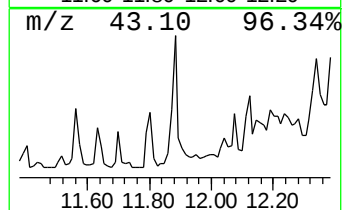
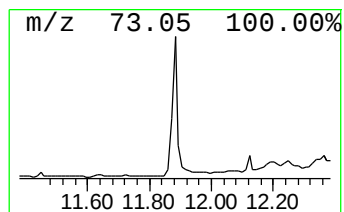
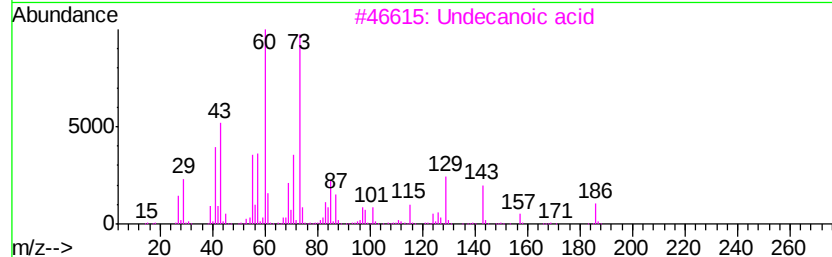
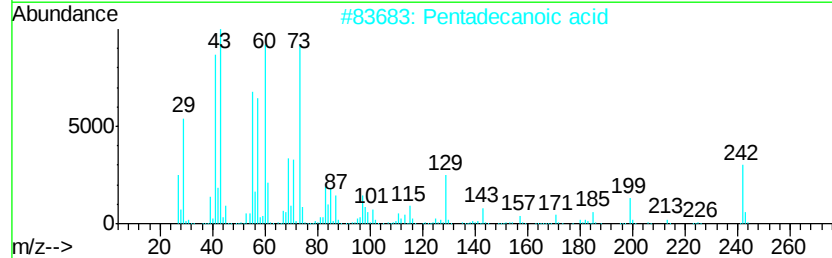
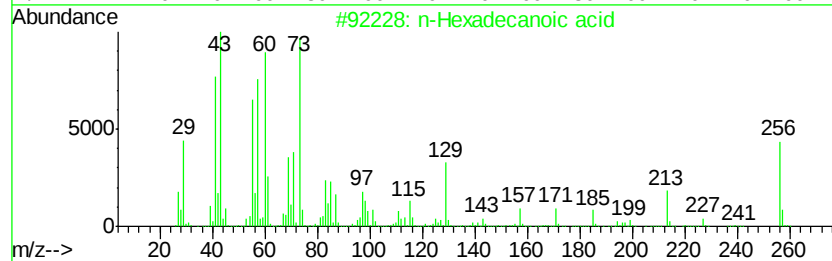
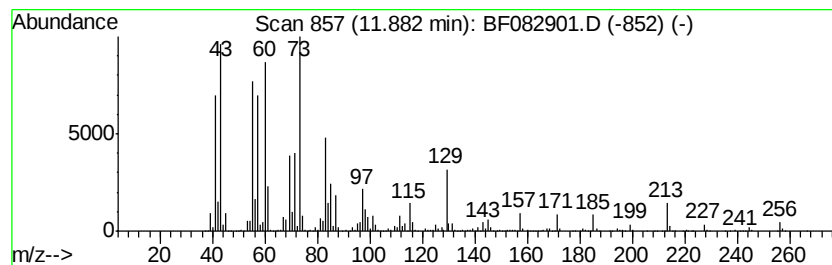
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 n-Hexadecanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.88	64.24 ng	4765560	Phenanthrene-d10		11.32
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
3	Undecanoic acid	186	C11H22O2	000112-37-8	53
4	Tridecanoic acid	214	C13H26O2	000638-53-9	53
5	Tridecane	184	C13H28	000629-50-5	25



Data Path : Z:\HPCHEM1\BNA F\DATA\BF111315\
Data File : BF082901.D
Acq On : 13 Nov 2015 17:03
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Sample : G4398-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

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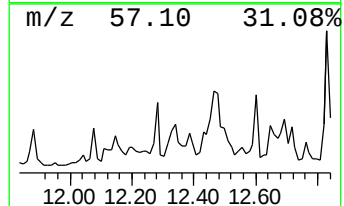
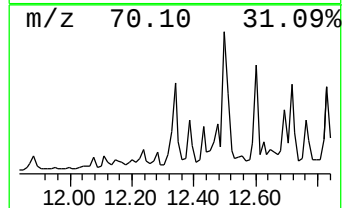
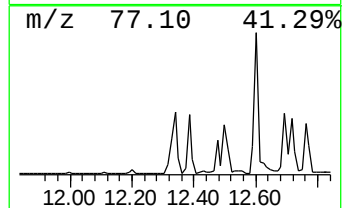
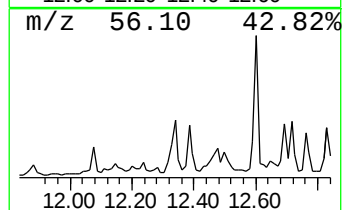
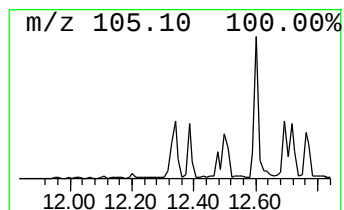
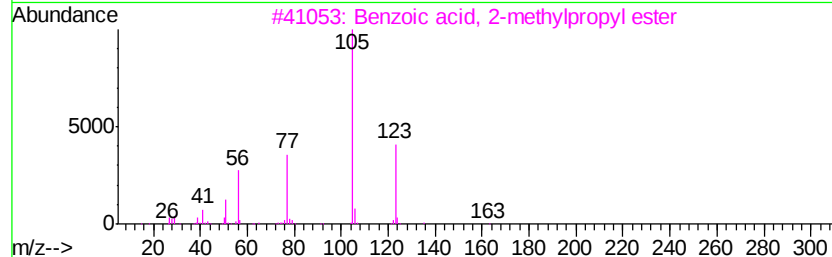
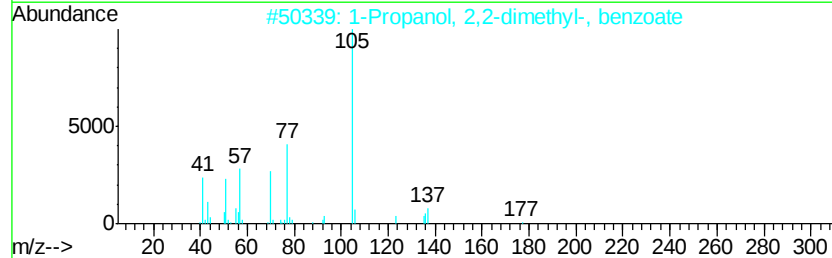
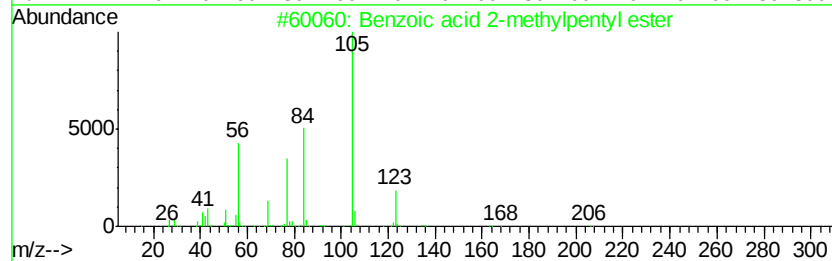
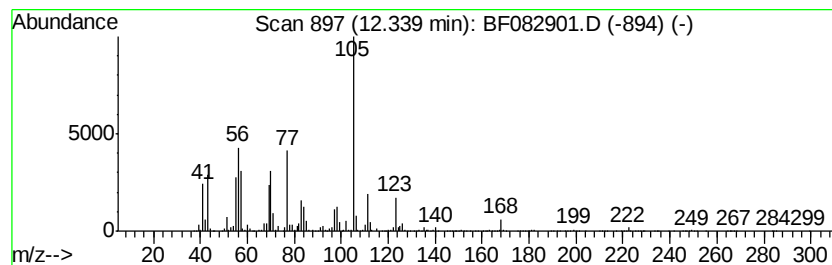
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown12.34 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.34	83.47 ng	6192520	Phenanthrene-d10	11.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzoic acid 2-methylpentyl ester	206	C13H18O2	059736-57-1	47
2		1-Propanol, 2,2-dimethyl-, benzoate	192	C12H16O2	003581-70-2	35
3		Benzoic acid, 2-methylpropyl ester	178	C11H14O2	000120-50-3	27
4		Pentanal, 5-(benzoyloxy)-	206	C12H14O3	055162-83-9	25
5		1H-Azonine, octahydro-	127	C8H17N	005661-71-2	25



Data Path : Z:\HPCHEM1\BNA F\DATA\BF111315\
Data File : BF082901.D
Acq On : 13 Nov 2015 17:03
Operator : UM/IZ
Sample : G4398-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

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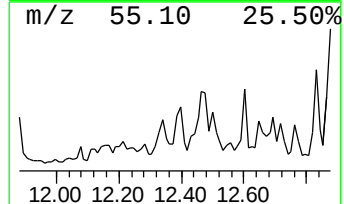
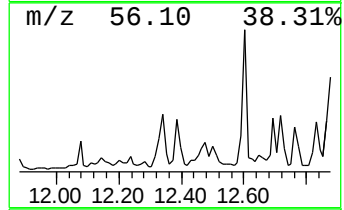
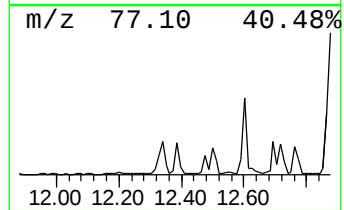
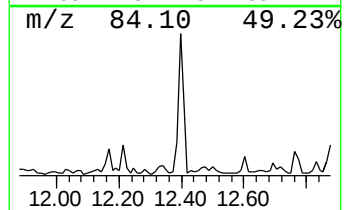
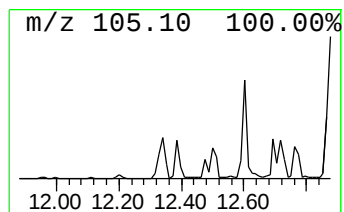
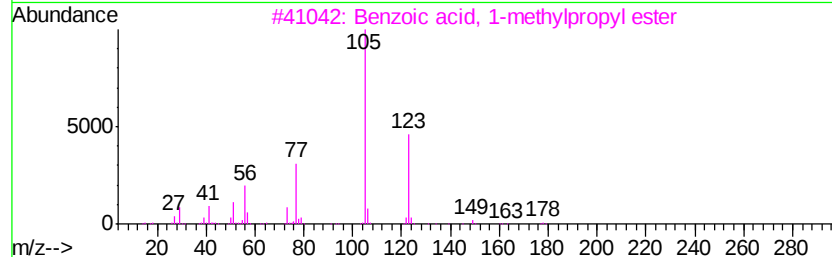
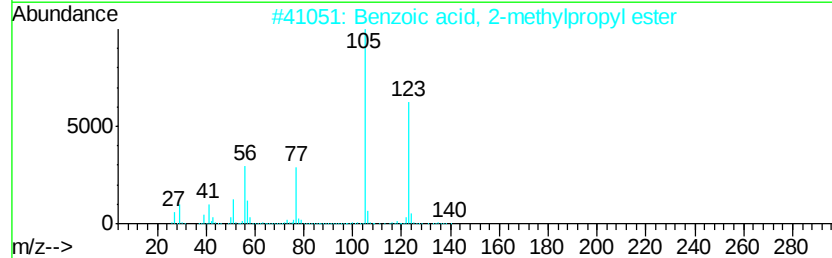
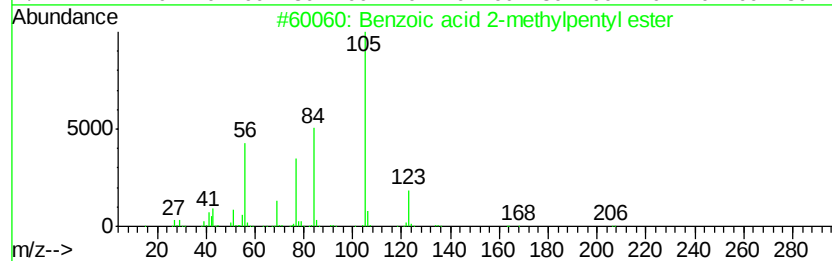
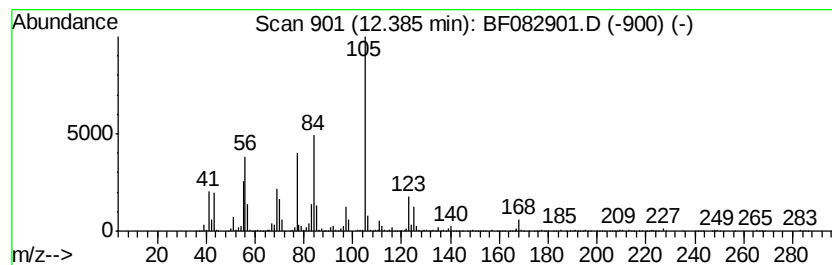
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Benzoic acid 2-methylpentyl... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.38	73.73 ng	5469530	Phenanthrene-d10	11.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzoic acid 2-methylpentyl ester	206	C13H18O2	059736-57-1	53
2		Benzoic acid, 2-methylpropyl ester	178	C11H14O2	000120-50-3	38
3		Benzoic acid, 1-methylpropyl ester	178	C11H14O2	003306-36-3	27
4		Benzoic acid, pentyl ester	192	C12H16O2	002049-96-9	22
5		1-Propanol, 2,2-dimethyl-, benzoate	192	C12H16O2	003581-70-2	22



Data Path : Z:\HPCHEM1\BNA F\DATA\BF111315\
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Acq On : 13 Nov 2015 17:03
Operator : UM/IZ
Sample : G4398-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

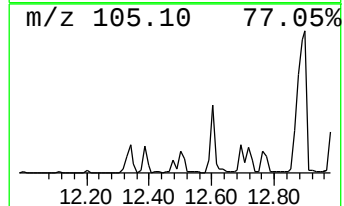
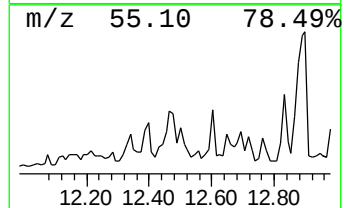
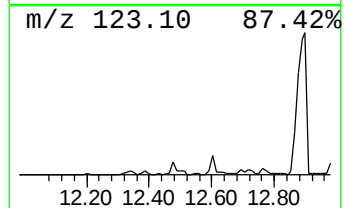
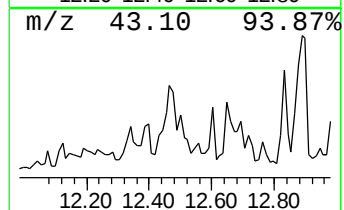
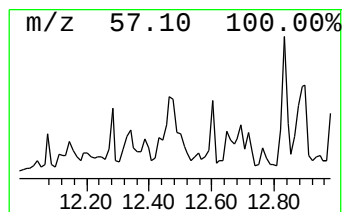
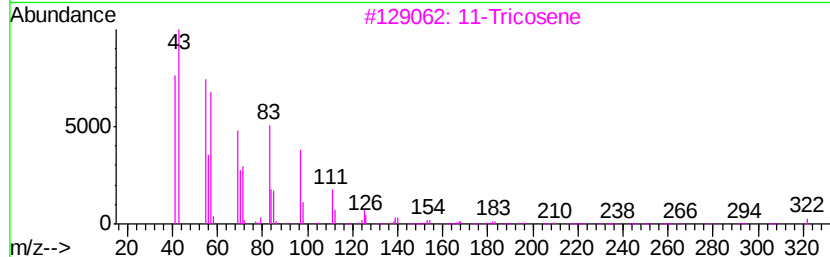
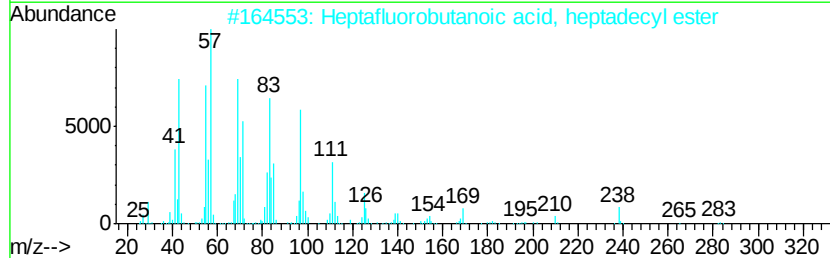
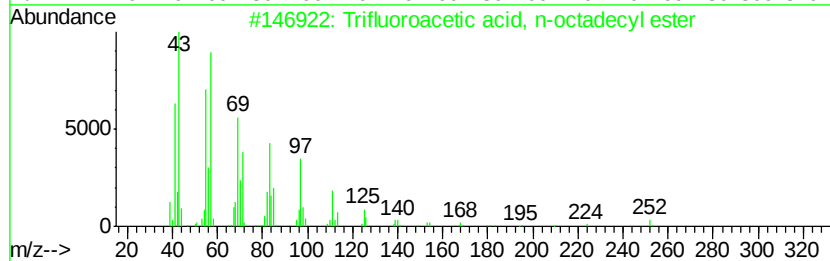
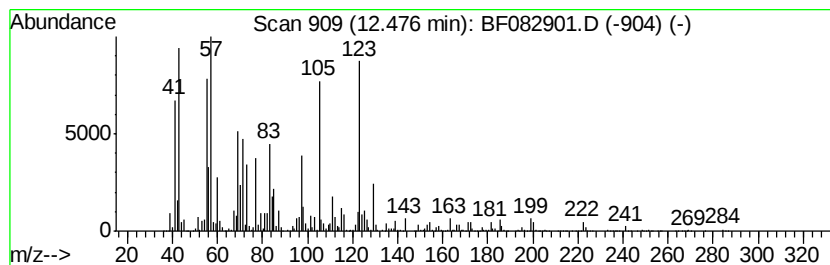
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown12.48 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.48	141.10 ng	10467500	Phenanthrene-d10	11.32	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluoroacetic acid, n-octadecyl...	366	C20H37F3O2	079392-43-1	46
2	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	42
3	11-Tricosene	322	C23H46	052078-56-5	42
4	17-Pentatriacontene	491	C35H70	006971-40-0	41
5	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF111315\
Data File : BF082901.D
Acq On : 13 Nov 2015 17:03
Operator : UM/IZ
Sample : G4398-01
Misc :
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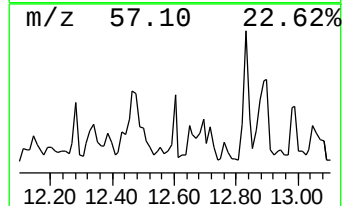
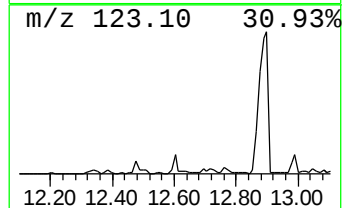
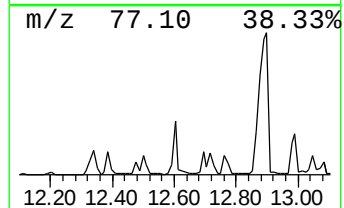
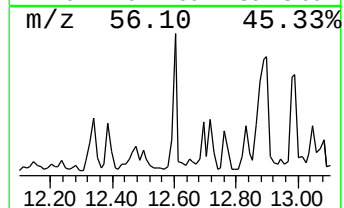
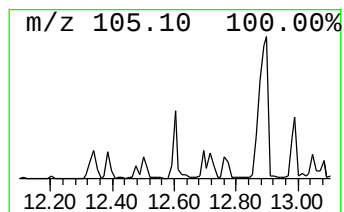
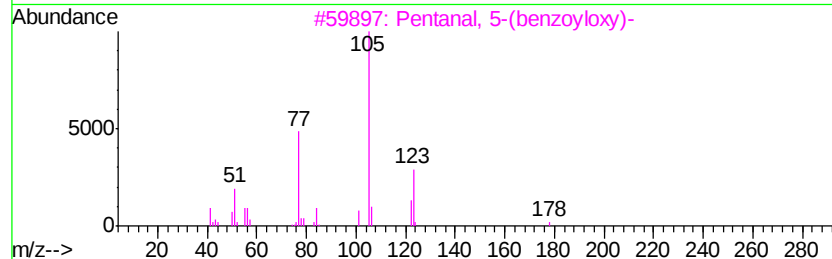
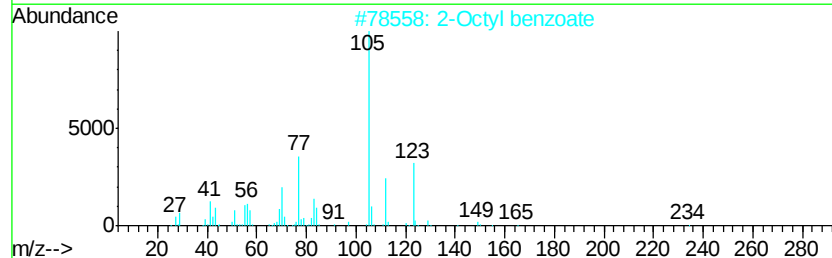
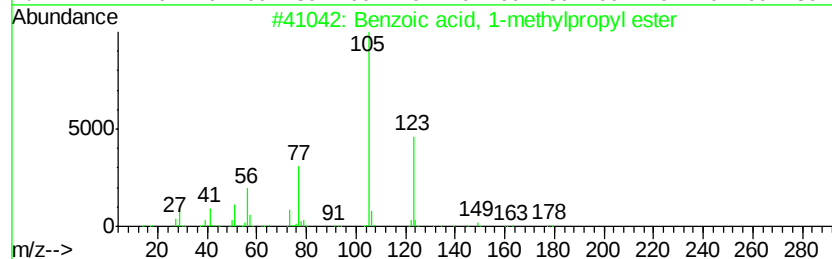
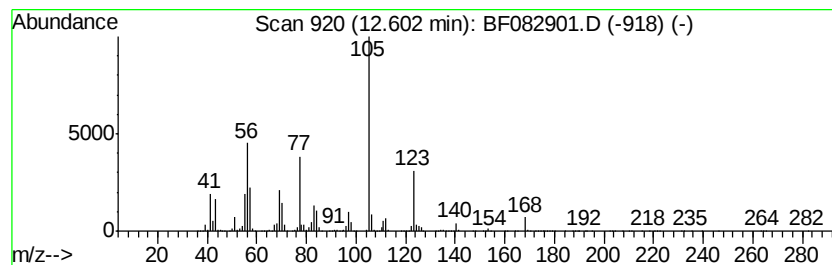
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown12.60 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.60	84.59 ng	6275580	Phenanthrene-d10	11.32	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 1-methylpropyl ester	178	C11H14O2	003306-36-3	47
2	2-Octyl benzoate	234	C15H22O2	006938-51-8	38
3	Pentanal, 5-(benzoyloxy)-	206	C12H14O3	055162-83-9	38
4	Benzoic acid, cyclohexyl ester	204	C13H16O2	002412-73-9	38
5	Benzoic acid, 2-methylpropyl ester	178	C11H14O2	000120-50-3	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111315\
Data File : BF082901.D
Acq On : 13 Nov 2015 17:03
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Misc :
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Instrument :
BNA_F
ClientSampleId :
WASTEWATEREFF

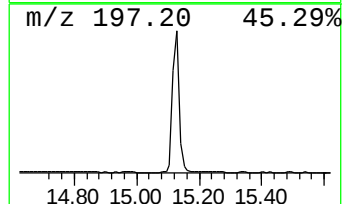
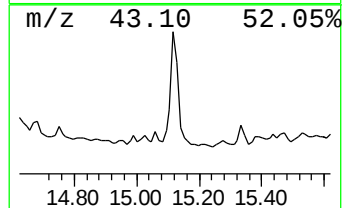
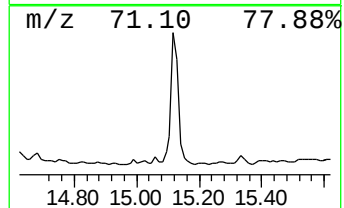
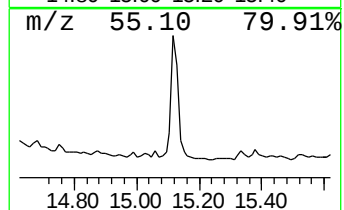
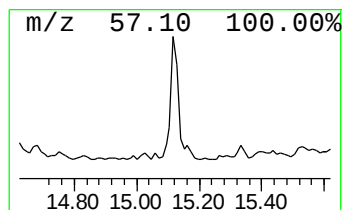
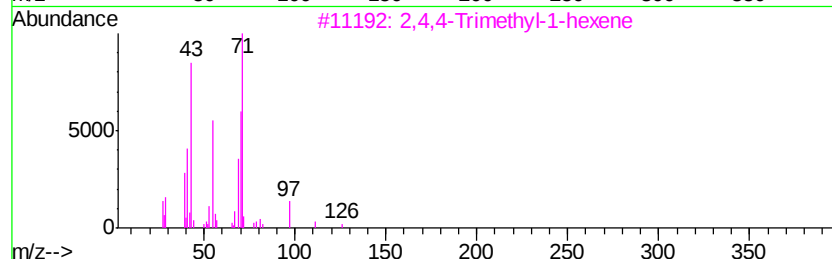
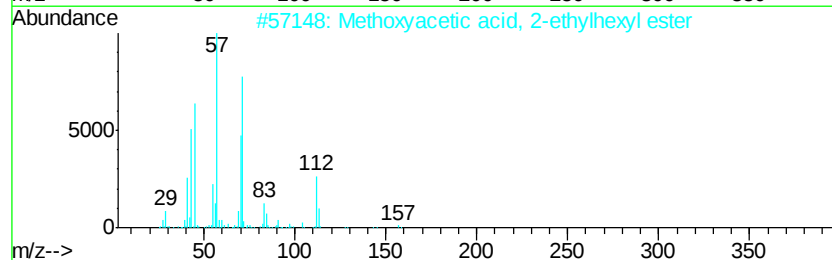
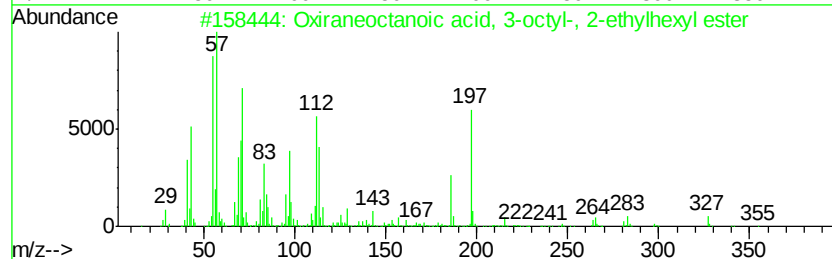
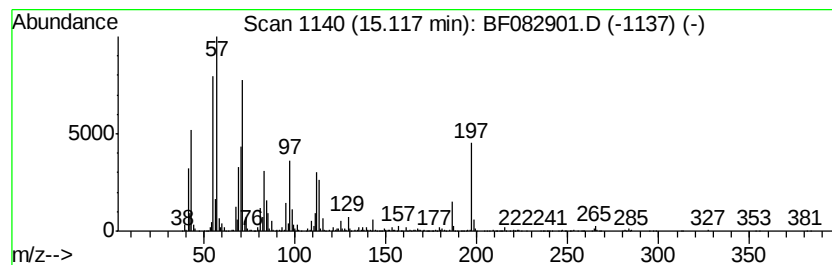
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Oxiraneoctanoic acid, 3-oct... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.12	60.15 ng	4863720	Perylene-d12	15.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxiraneoctanoic acid, 3-octyl-, ...	410	C26H50O3	000141-38-8	52
2		Methoxyacetic acid, 2-ethylhexyl...	202	C11H22O3	1000282-41-4	47
3		2,4,4-Trimethyl-1-hexene	126	C9H18	051174-12-0	38
4		Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	38
5		Propanoic acid, 2-methyl-, 3-met...	158	C9H18O2	002050-01-3	35



Data Path : Z:\HPCHEM1\BNA F\DATA\BF111315\
Data File : BF082901.D
Acq On : 13 Nov 2015 17:03
Operator : UM/IZ
Sample : G4398-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

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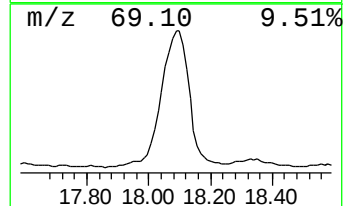
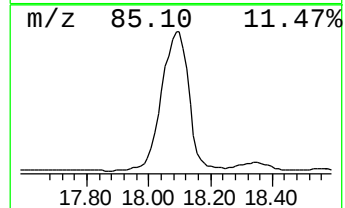
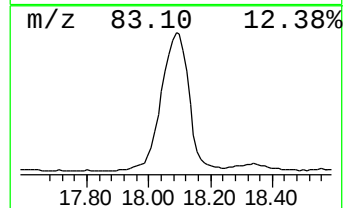
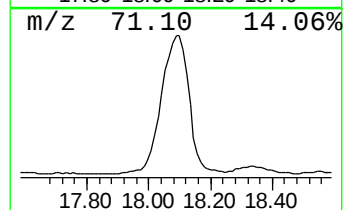
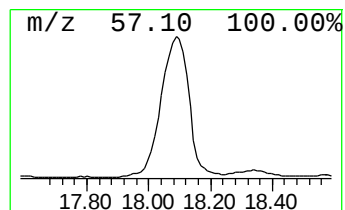
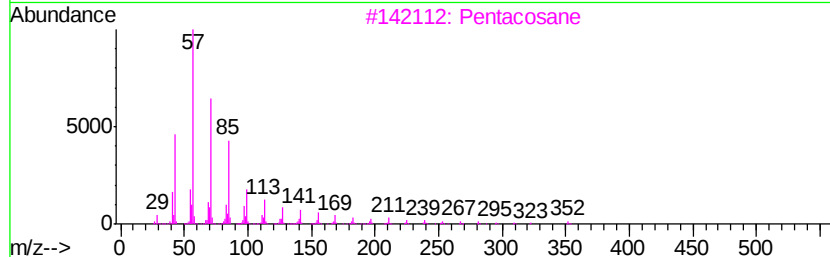
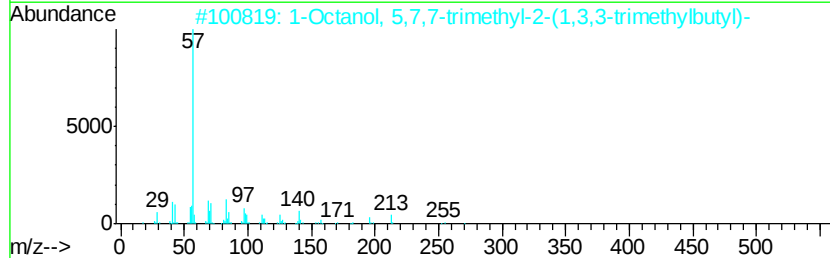
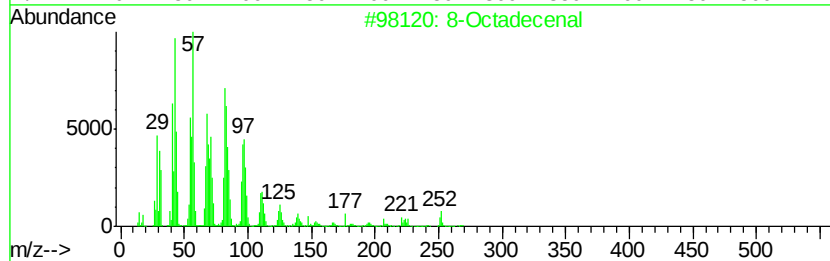
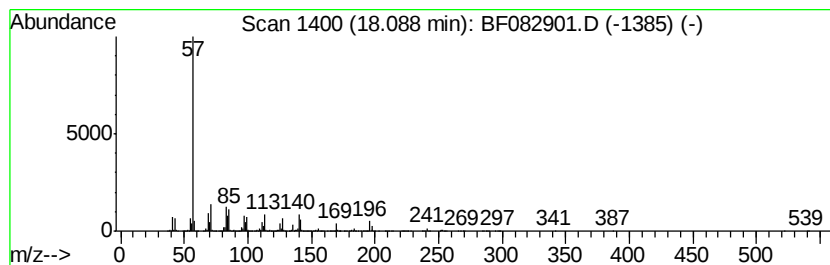
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 8-Octadecenal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	362.21 ng	29288600	Perylene-d12	15.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	8-Octadecenal	266	C18H34O	056554-94-0	59
2		1-Octanol, 5,7,7-trimethyl-2-(1,...	270	C18H38O	036400-98-3	53
3		Pentacosane	352	C25H52	000629-99-2	50
4		Ditetradecyl ether	410	C28H58O	005412-98-6	47
5		Nonane, 2,2,4,4,6,8,8-heptamethyl-	226	C16H34	004390-04-9	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111315\
Data File : BF082901.D
Acq On : 13 Nov 2015 17:03
Operator : UM/IZ
Sample : G4398-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WASTEWATEREFF

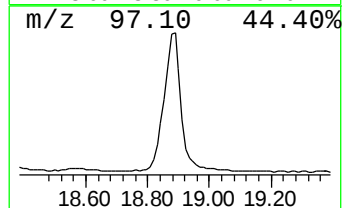
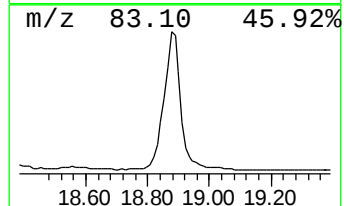
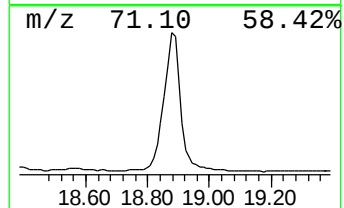
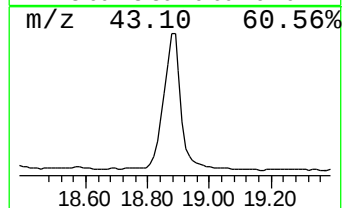
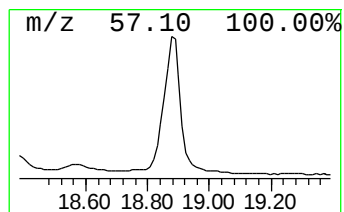
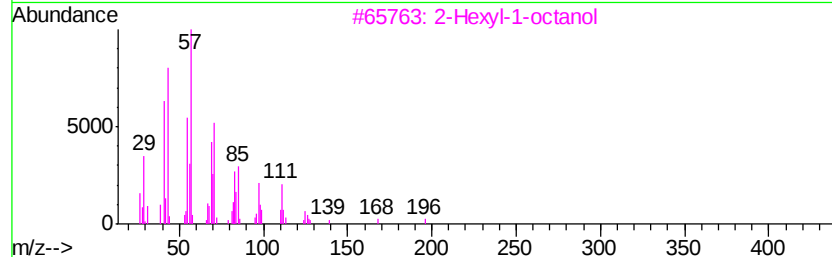
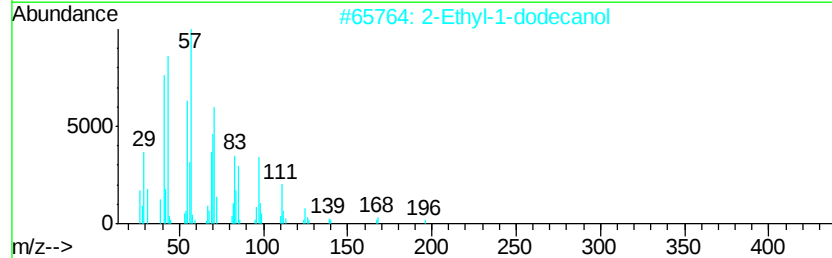
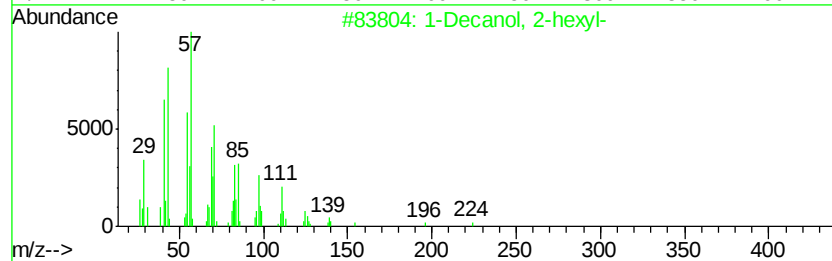
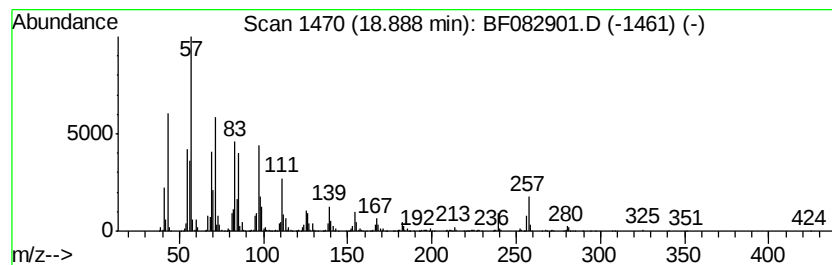
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 1-Decanol, 2-hexyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.89	152.78 ng	12353700	Perylene-d12	15.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	64
2		2-Ethyl-1-dodecanol	214	C14H30O	019780-33-7	64
3		2-Hexyl-1-octanol	214	C14H30O	019780-79-1	52
4		2-Methyl-E-7-hexadecene	238	C17H34	064183-52-4	46
5		1-Octadecene	252	C18H36	000112-88-9	45



Data Path : Z:\HPCHEM1\BNA F\DATA\BF111315\
Data File : BF082901.D
Acq On : 13 Nov 2015 17:03
Operator : UM/IZ
Sample : G4398-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WASTEWATEREFF

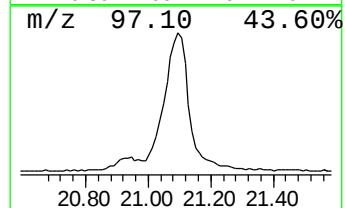
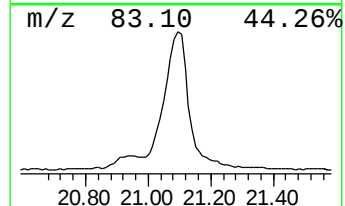
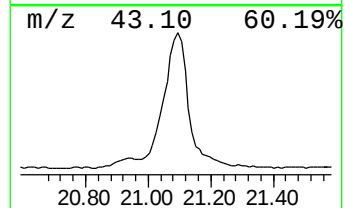
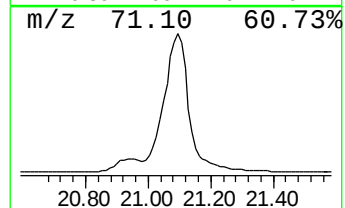
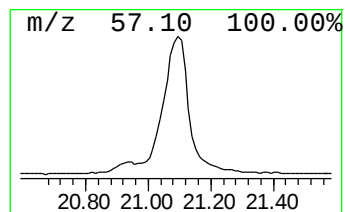
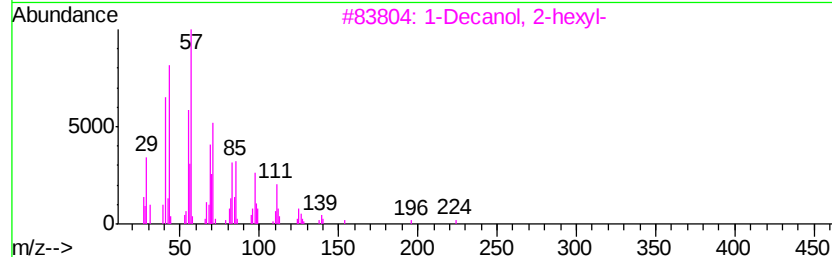
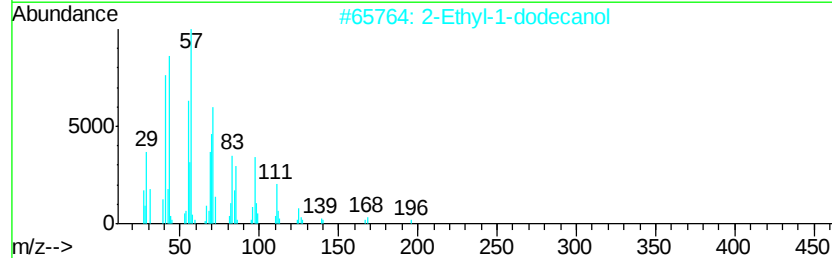
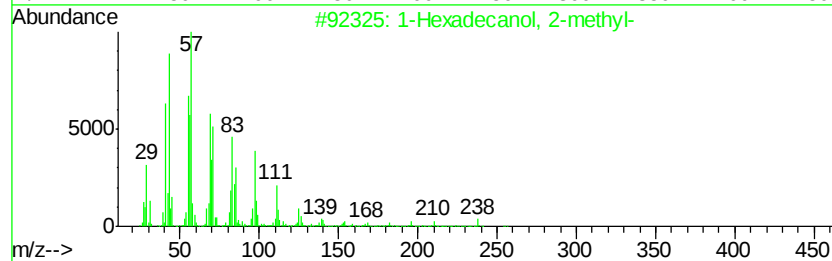
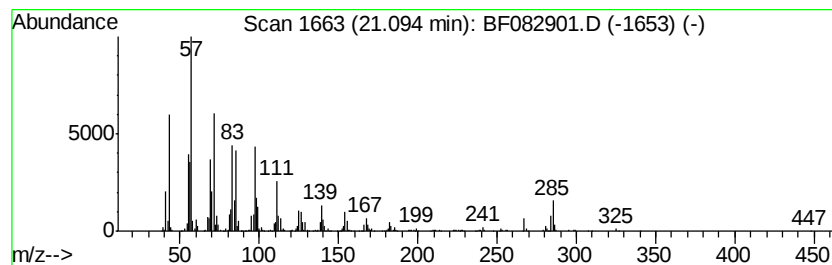
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 1-Hexadecanol, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.09	144.71 ng	11700900	Perylene-d12	15.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Hexadecanol, 2-methyl-	256	C17H36O	002490-48-4	76
2		2-Ethyl-1-dodecanol	214	C14H30O	019780-33-7	72
3		1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	64
4		2-Hexyl-1-octanol	214	C14H30O	019780-79-1	52
5		1-Eicosene	280	C20H40	003452-07-1	49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111315\
 Data File : BF082901.D
 Acq On : 13 Nov 2015 17:03
 Operator : UM/IZ
 Sample : G4398-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WASTEWATEREFF

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.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
unknown6.57	6.57	60.0	ng	3499700	1	6.80	1166030	20.0
1-Hexanol, 2-ethyl-	6.89	158.9	ng	9262890	1	6.80	1166030	20.0
Hexanoic acid, 2-...	7.74	65.1	ng	30755500	2	8.09	9442850	20.0
1-Decene	9.68	58.1	ng	18836300	3	9.85	6479400	20.0
Cyclopropane, octyl-	10.19	46.1	ng	14943900	3	9.85	6479400	20.0
Heptadecane	10.76	55.9	ng	4143130	4	11.32	1483690	20.0
1-Octanol, 5,7,7-...	10.89	226.8	ng	16823600	4	11.32	1483690	20.0
5,8-Diethyl-6-dod...	10.92	450.7	ng	33435900	4	11.32	1483690	20.0
unknown10.96	10.96	128.9	ng	9562800	4	11.32	1483690	20.0
Cyclododecane	11.14	141.4	ng	10488900	4	11.32	1483690	20.0
n-Hexadecanoic acid	11.88	64.2	ng	4765560	4	11.32	1483690	20.0
unknown12.34	12.34	83.5	ng	6192520	4	11.32	1483690	20.0
Benzoic acid 2-me...	12.38	73.7	ng	5469530	4	11.32	1483690	20.0
unknown12.48	12.48	141.1	ng	10467500	4	11.32	1483690	20.0
unknown12.60	12.60	84.6	ng	6275580	4	11.32	1483690	20.0
Oxiraneoctanoic a...	15.12	60.1	ng	4863720	6	15.40	1617220	20.0
8-Octadecenal	18.09	362.2	ng	29288600	6	15.40	1617220	20.0
1-Decanol, 2-hexyl-	18.89	152.8	ng	12353700	6	15.40	1617220	20.0
1-Hexadecanol, 2-...	21.09	144.7	ng	11700900	6	15.40	1617220	20.0