

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031416\
 Data File : BF085432.D
 Acq On : 14 Mar 2016 16:46
 Operator : UM/SJ
 Sample : H1755-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WESTE-WATER

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-BF030316.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	5.522	281	283	285	rVB	1217683	1125322	1.89%	0.199%
2	5.979	321	323	324	rBV	1212262	1373108	2.30%	0.243%
3	6.013	324	326	327	rVB	1714726	1810158	3.04%	0.320%
4	6.059	327	330	333	rBV4	971225	2179816	3.66%	0.385%
5	6.276	344	349	350	rBV3	546948	1371415	2.30%	0.242%
6	6.322	350	353	354	rVB3	1398370	1691100	2.84%	0.299%
7	6.367	354	357	358	rBV2	943351	1822678	3.06%	0.322%
8	6.413	358	361	365	rVB2	1588608	3990560	6.70%	0.705%
9	6.482	365	367	370	rBV	1317206	1580203	2.65%	0.279%
10	6.642	370	381	383	rBV	6057236	33110320	55.57%	5.850%
11	6.699	383	386	390	rBV2	2050548	3179489	5.34%	0.562%
12	6.836	396	398	401	rVB	1344321	1441508	2.42%	0.255%
13	6.927	404	406	408	rVB2	1022899	1195040	2.01%	0.211%
14	7.019	411	414	416	rBV	3881905	5789475	9.72%	1.023%
15	7.087	418	420	421	rBV	2886220	2628751	4.41%	0.464%
16	7.316	437	440	444	rBV3	675025	1164501	1.95%	0.206%
17	7.499	444	456	457	rBV3	3200354	8934427	14.99%	1.578%
18	7.682	464	472	474	rBV	3416873	6465682	10.85%	1.142%
19	7.762	474	479	480	rBV2	2307360	4941088	8.29%	0.873%
20	7.796	480	482	483	rVB	1324742	1643075	2.76%	0.290%
21	7.853	483	487	490	rBV2	1462061	5108716	8.57%	0.903%
22	7.968	494	497	500	rVB2	2302642	3687157	6.19%	0.651%
23	8.036	500	503	504	rBV	1728610	2877311	4.83%	0.508%
24	8.082	504	507	508	rBV2	1426164	3354817	5.63%	0.593%
25	8.128	508	511	513	rBV3	1249136	3458454	5.80%	0.611%
26	8.173	513	515	516	rBV	1054244	1853266	3.11%	0.327%
27	8.230	518	520	522	rVB	1374198	1714334	2.88%	0.303%
28	8.390	530	534	540	rVB3	1497960	4233055	7.10%	0.748%
29	8.802	568	570	571	rBV	2183981	2477381	4.16%	0.438%
30	8.916	571	580	583	rVB2	4457347	22149434	37.17%	3.913%
31	9.065	590	593	595	rBV	1162810	1165462	1.96%	0.206%
32	9.293	599	613	614	rBV	4868706	19685833	33.04%	3.478%
33	9.419	621	624	626	rVB2	2034050	3872400	6.50%	0.684%
34	9.465	626	628	631	rVB	2095796	2639121	4.43%	0.466%

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
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35	9.556	633	636	637 rBV	1693947	2641796	4.43%	0.467%
36	9.579	637	638	642 rVB	3288542	3511137	5.89%	0.620%
37	9.819	653	659	660 rVB	6000877	14143849	23.74%	2.499%
38	9.899	664	666	667 rBV	1471699	1101175	1.85%	0.195%
39	9.945	667	670	671 rBV	1790715	2833989	4.76%	0.501%
40	9.979	671	673	675 rVB2	1705809	1927313	3.23%	0.341%
41	10.013	675	676	678 rVB	1533644	2077365	3.49%	0.367%
42	10.071	678	681	682 rBV	2215424	2452613	4.12%	0.433%
43	10.093	682	683	685 rVB	2283769	2680141	4.50%	0.474%
44	10.322	692	703	704 rBV3	6317464	27619527	46.35%	4.880%
45	10.596	726	727	733 rBV3	1717177	2862619	4.80%	0.506%
46	10.802	739	745	747 rBV3	5163539	10386836	17.43%	1.835%
47	10.871	747	751	752 rBV2	1734367	3400131	5.71%	0.601%
48	10.939	752	757	759 rVB3	3269025	8214952	13.79%	1.451%
49	11.065	759	768	769 rBV	6307428	29210926	49.02%	5.161%
50	11.134	772	774	776 rBV	2348130	2616497	4.39%	0.462%
51	11.236	776	783	784 rBV2	4473885	15606183	26.19%	2.757%
52	11.271	784	786	788 rVB2	4123750	6593776	11.07%	1.165%
53	11.351	792	793	795 rVB	1131679	1144836	1.92%	0.202%
54	11.419	795	799	801 rVB2	5377203	11180149	18.76%	1.975%
55	11.465	801	803	805 rVB2	2497640	2731984	4.59%	0.483%
56	11.534	805	809	811 rBV	3439583	4727332	7.93%	0.835%
57	11.568	811	812	819 rVB	2217672	3297815	5.53%	0.583%
58	11.694	819	823	824 rBV	2883347	3829176	6.43%	0.677%
59	11.716	824	825	827 rVB2	1133436	1517263	2.55%	0.268%
60	11.808	827	833	834 rBV	3070480	7745039	13.00%	1.368%
61	11.842	834	836	838 rVB	4696110	8389466	14.08%	1.482%
62	11.876	838	839	842 rBV2	1331760	1655811	2.78%	0.293%
63	11.934	842	844	847 rVB	2279089	2432078	4.08%	0.430%
64	12.002	847	850	851 rBV2	2211620	4404177	7.39%	0.778%
65	12.059	851	855	857 rVB3	1869555	4011233	6.73%	0.709%
66	12.174	863	865	867 rBV2	1100990	1645005	2.76%	0.291%
67	12.219	867	869	870 rBV	1116356	1676906	2.81%	0.296%
68	12.277	870	874	875 rBV3	3006253	7781452	13.06%	1.375%
69	12.379	882	883	888 rVB	1224025	2920872	4.90%	0.516%
70	12.459	888	890	893 rBV3	2062082	5452857	9.15%	0.963%
71	12.665	905	908	909 rBV	1939538	4242194	7.12%	0.749%

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72	12.814	915	921	929	rBV4	3924527	24872220	41.74%	4.394%
73	12.928	929	931	932	rVB	2092495	2072831	3.48%	0.366%
74	13.019	937	939	942	rBV2	3942447	6348591	10.65%	1.122%
75	13.099	942	946	948	rVV	2971818	6689752	11.23%	1.182%
76	13.191	952	954	959	rVV2	3079983	7286495	12.23%	1.287%
77	13.294	961	963	966	rVB2	1897981	2732082	4.59%	0.483%
78	13.374	966	970	971	rBV2	4478766	5987716	10.05%	1.058%
79	13.408	971	973	975	rVB	3997618	4456881	7.48%	0.787%
80	13.477	976	979	982	rBV2	2724079	5290378	8.88%	0.935%
81	13.534	982	984	988	rVB2	3571499	6281674	10.54%	1.110%
82	13.625	989	992	994	rVB	5092076	6495337	10.90%	1.148%
83	13.682	995	997	999	rBV2	1842502	1819871	3.05%	0.322%
84	13.717	999	1000	1003	rVB	3202194	3302849	5.54%	0.584%
85	13.774	1003	1005	1007	rBV	2529199	3658019	6.14%	0.646%
86	13.808	1007	1008	1010	rVB	1806821	1328984	2.23%	0.235%
87	13.945	1017	1020	1021	rBV	1156110	1391175	2.33%	0.246%
88	14.048	1027	1029	1031	rVB	2472623	3545897	5.95%	0.626%
89	14.105	1031	1034	1037	rVB	2071679	2942325	4.94%	0.520%
90	14.425	1060	1062	1064	rVB	1336222	1612128	2.71%	0.285%
91	14.620	1076	1079	1082	rVB	852593	1090002	1.83%	0.193%
92	14.940	1104	1107	1109	rBV	1227666	1691499	2.84%	0.299%
93	14.985	1109	1111	1116	rVB	1466428	2070815	3.48%	0.366%
94	15.980	1195	1198	1203	rBV	477743	1368267	2.30%	0.242%
95	16.300	1222	1226	1228	rBV	1514804	2898246	4.86%	0.512%
96	17.180	1299	1303	1317	rVB2	357797	1628689	2.73%	0.288%
97	17.488	1321	1330	1331	rBV2	327467	1443023	2.42%	0.255%
98	18.449	1390	1414	1416	rBV	6166536	59584246	100.00%	10.527%
99	18.631	1425	1430	1446	rVB4	1074622	7817835	13.12%	1.381%
100	19.180	1473	1478	1493	rVB2	419888	1925142	3.23%	0.340%

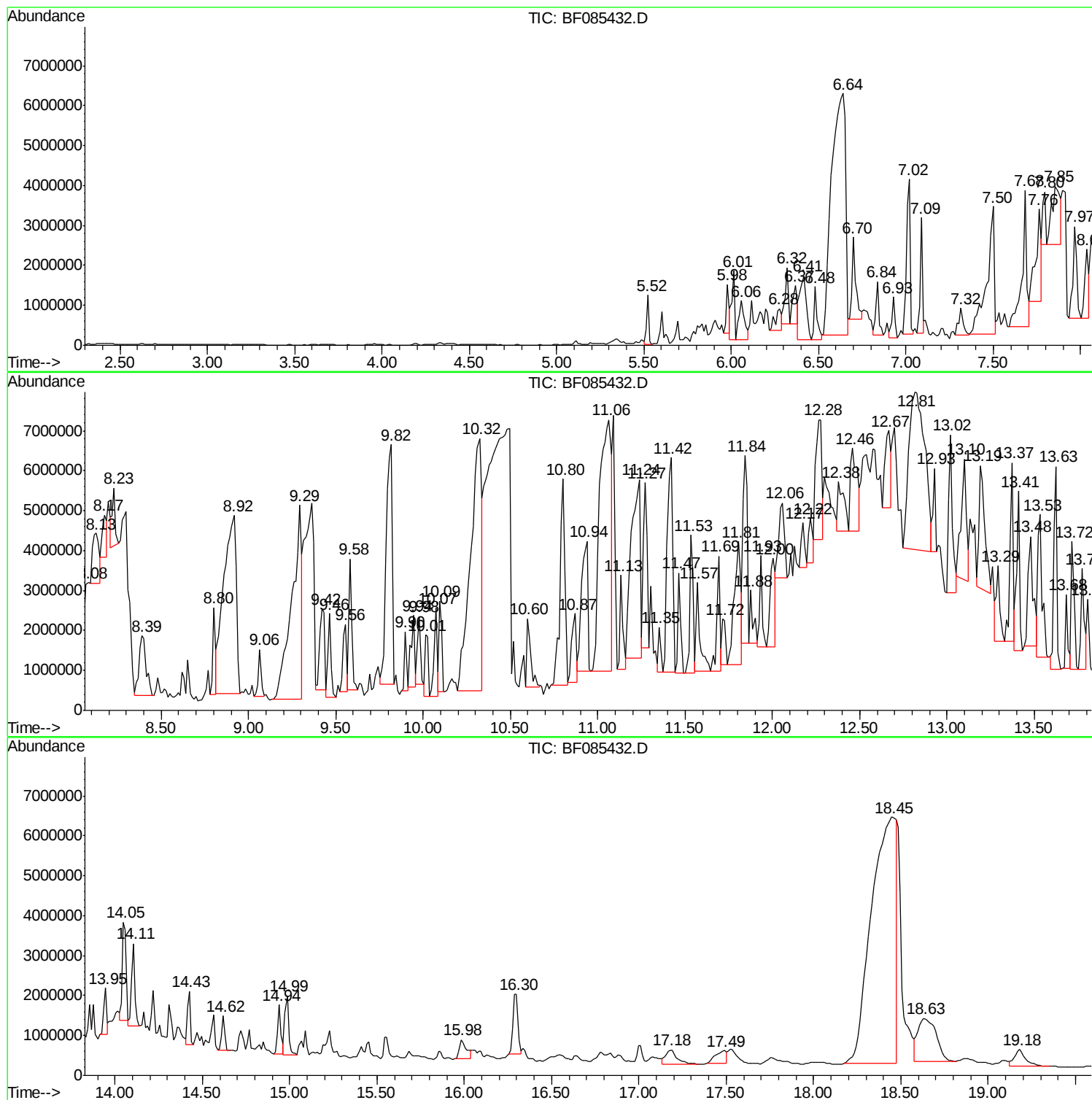
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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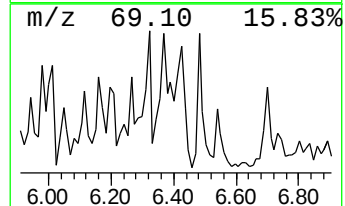
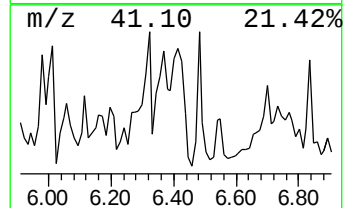
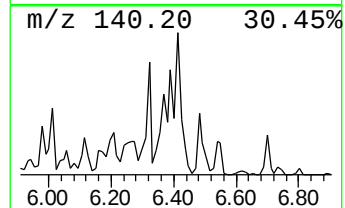
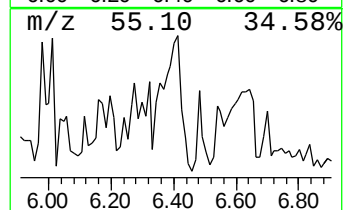
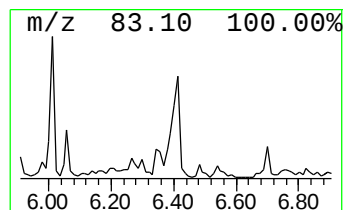
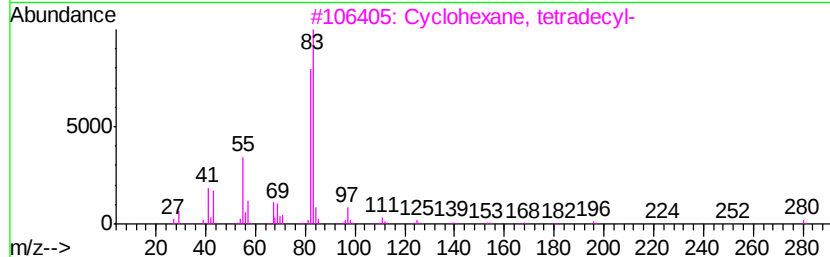
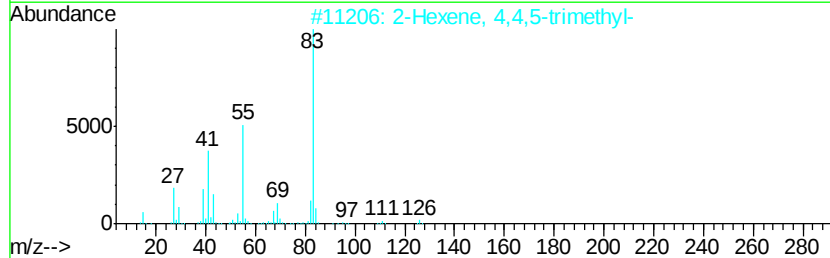
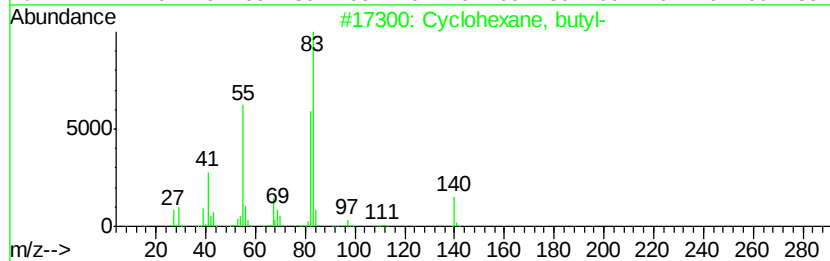
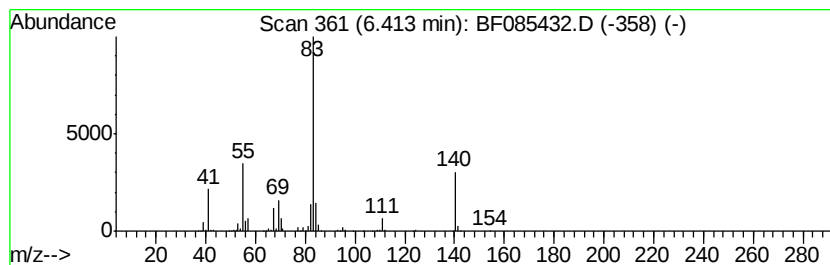
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Cyclohexane, butyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.41	66.79 ng	3990560	1,4-Dichlorobenzene-d4	6.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, butyl-	140	C10H20	001678-93-9	64
2		2-Hexene, 4,4,5-trimethyl-	126	C9H18	055702-61-9	64
3		Cyclohexane, tetradecyl-	280	C20H40	001795-18-2	45
4		Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	45
5		3-Methyl-2-butenic acid, 2-ethy...	210	C13H22O2	1000279-23-5	39



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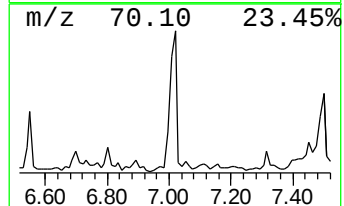
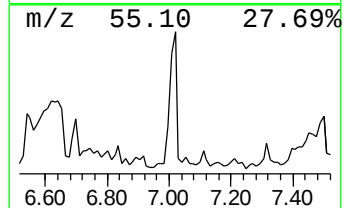
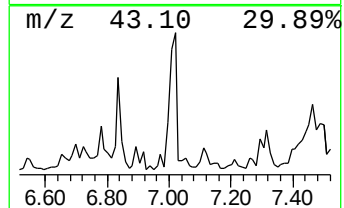
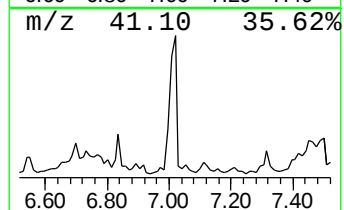
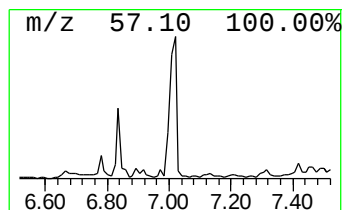
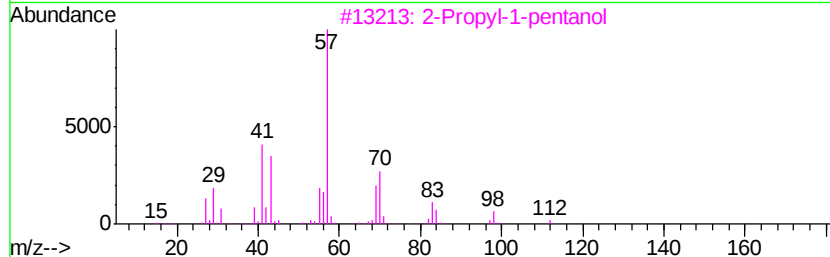
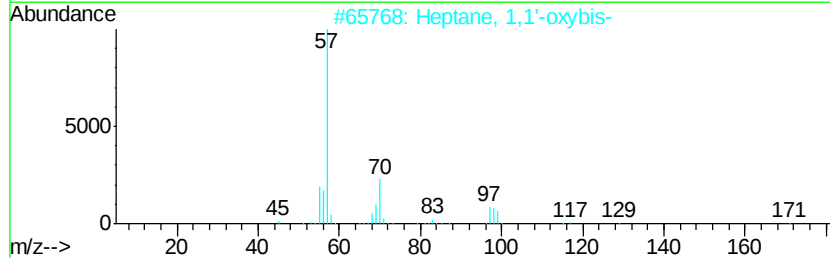
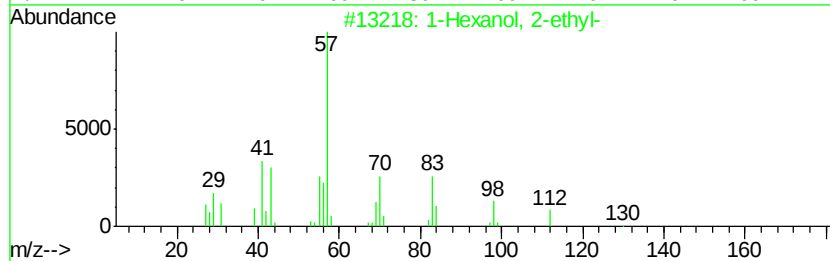
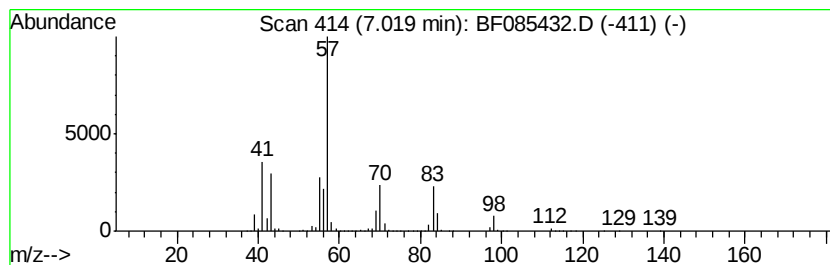
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 1-Hexanol, 2-ethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.02	96.89 ng	5789480	1,4-Dichlorobenzene-d4	6.93

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
2			Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	53
3			2-Propyl-1-pentanol	130	C8H18O	058175-57-8	42
4			Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	40
5			1-Decene, 2,4-dimethyl-	168	C12H24	055170-80-4	38



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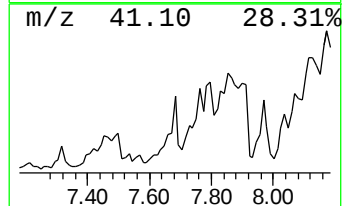
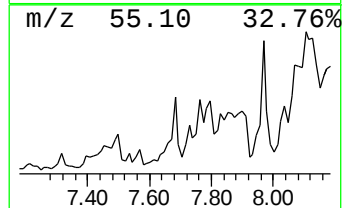
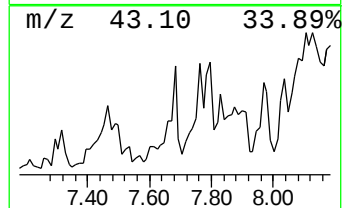
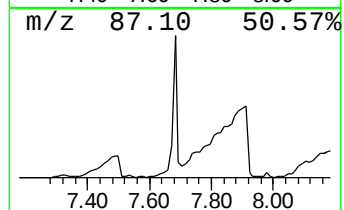
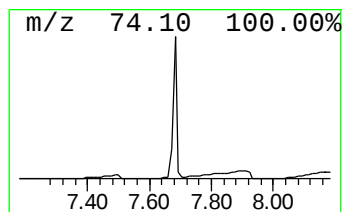
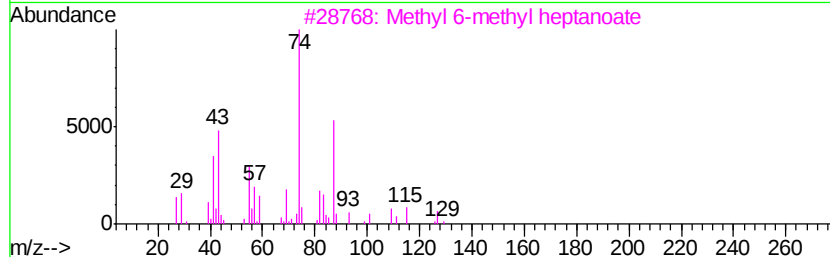
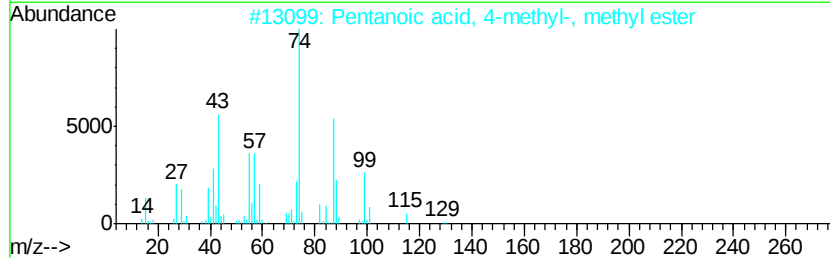
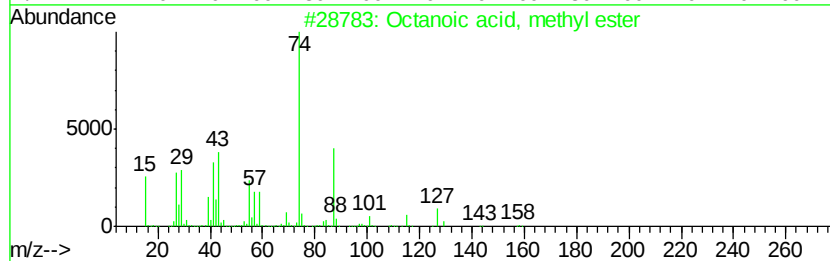
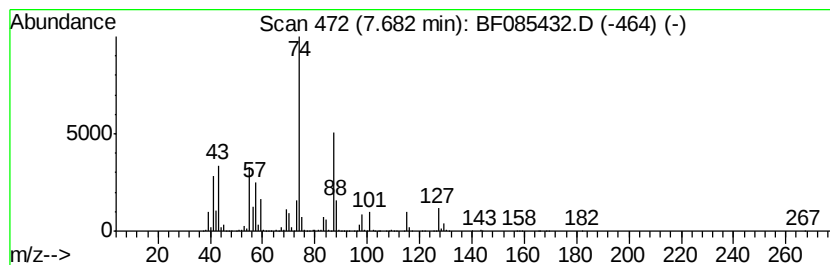
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TIC Integration Parameters: LSCINT.P

Peak Number 3 Octanoic acid, methyl ester Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	75.43 ng	6465680	Napthalene-d8	8.22
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Octanoic acid, methyl ester	158 C9H18O2	000111-11-5 78
2		Pentanoic acid, 4-methyl-, methyl...	130 C7H14O2	002412-80-8 72
3		Methyl 6-methyl heptanoate	158 C9H18O2	002519-37-1 56
4		Nonanoic acid, methyl ester	172 C10H20O2	001731-84-6 45
5		Hexanoic acid, 2-methyl-	130 C7H14O2	004536-23-6 45



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Operator : UM/SJ
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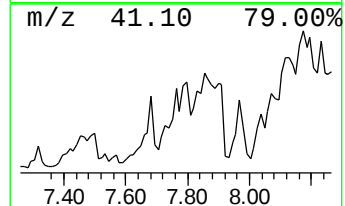
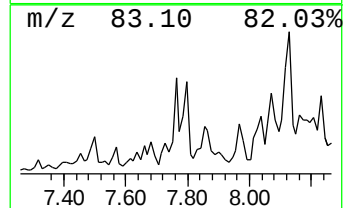
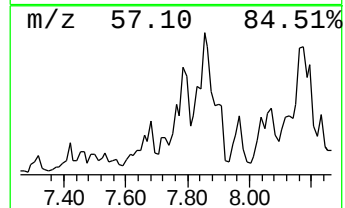
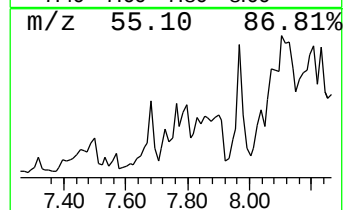
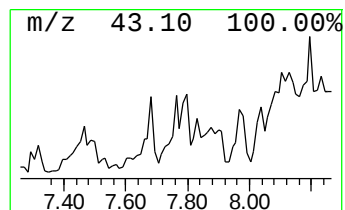
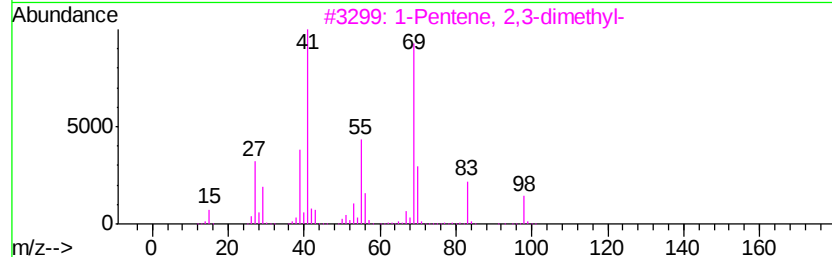
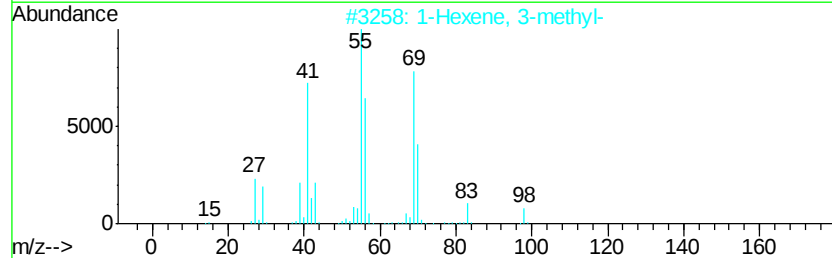
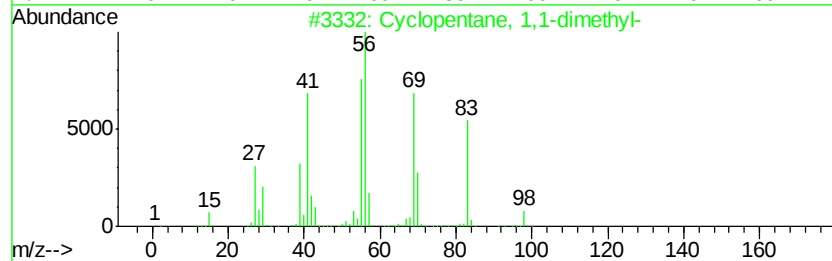
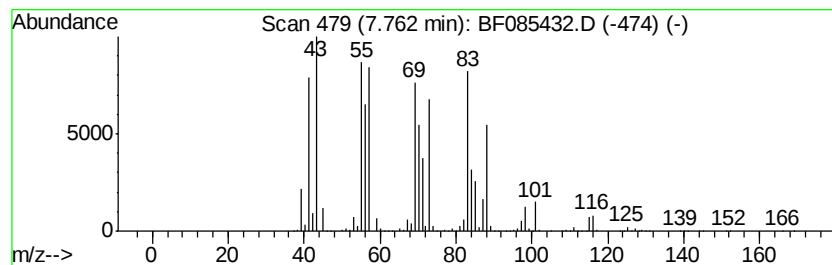
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 unknown7.76 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.76	57.64 ng	4941090	Naphthalene-d8	8.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	43
2		1-Hexene, 3-methyl-	98	C7H14	003404-61-3	35
3		1-Pentene, 2,3-dimethyl-	98	C7H14	003404-72-6	25
4		Cyclopentane, ethyl-	98	C7H14	001640-89-7	22
5		3-Methyl-3-hexene	98	C7H14	003404-65-7	22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031416\
Data File : BF085432.D
Acq On : 14 Mar 2016 16:46
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ClientSampleId :
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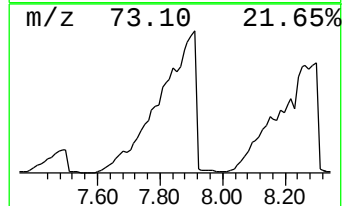
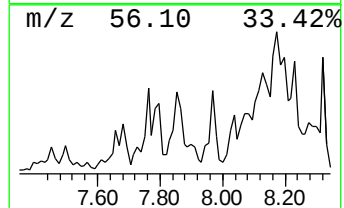
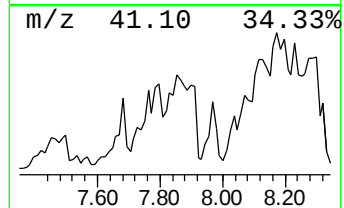
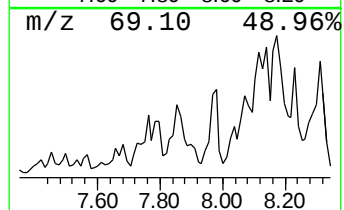
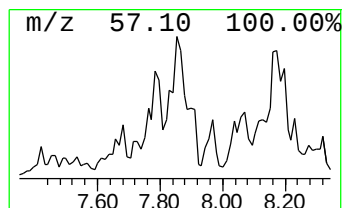
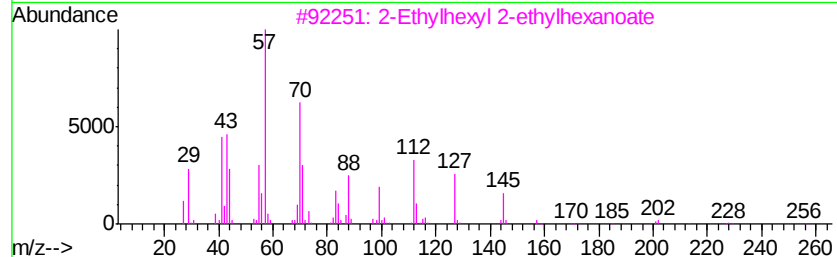
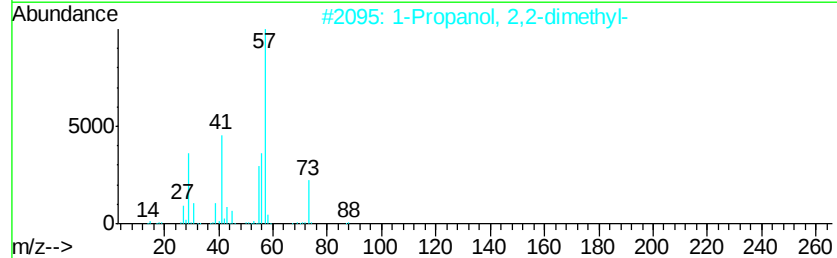
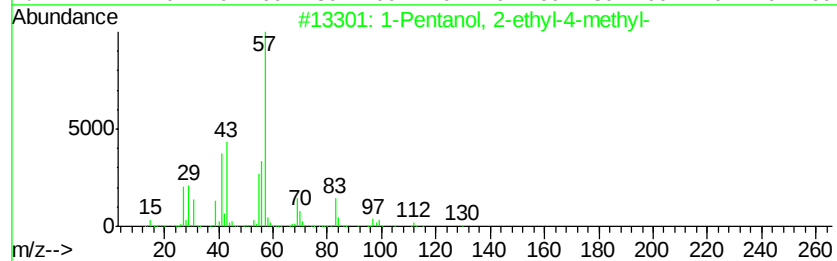
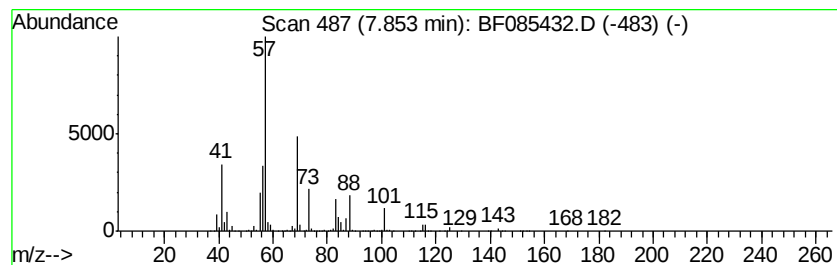
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown7.85 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.85	59.60 ng	5108720	Napthalene-d8	8.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	43
2		1-Propanol, 2,2-dimethyl-	88	C5H12O	000075-84-3	38
3		2-Ethylhexyl 2-ethylhexanoate	256	C16H32O2	007425-14-1	38
4		1-Hexanol, 3,5,5-trimethyl-	144	C9H20O	003452-97-9	37
5		Ether, heptyl hexyl	200	C13H28O	007289-40-9	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031416\
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Acq On : 14 Mar 2016 16:46
Operator : UM/SJ
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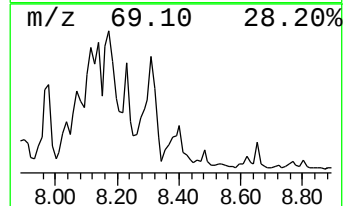
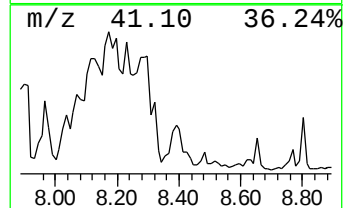
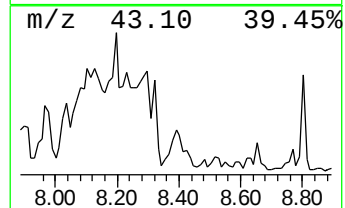
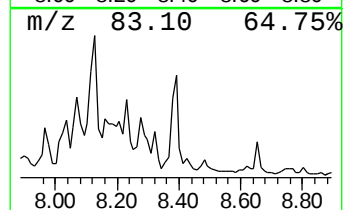
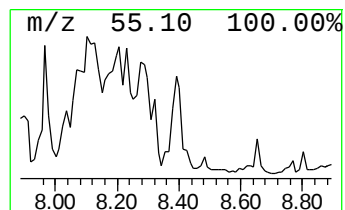
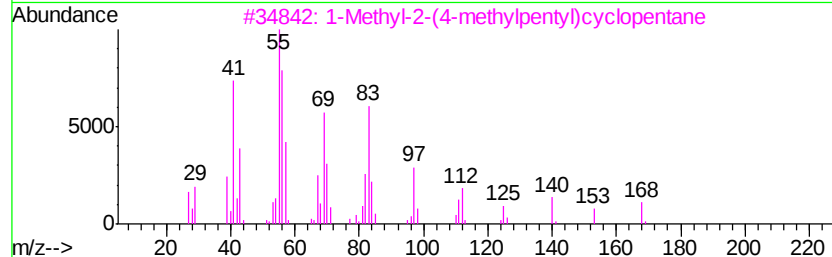
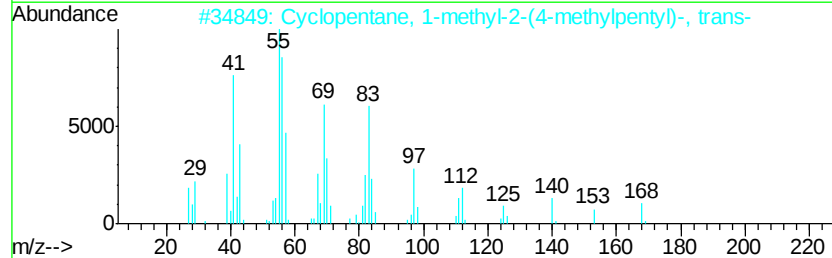
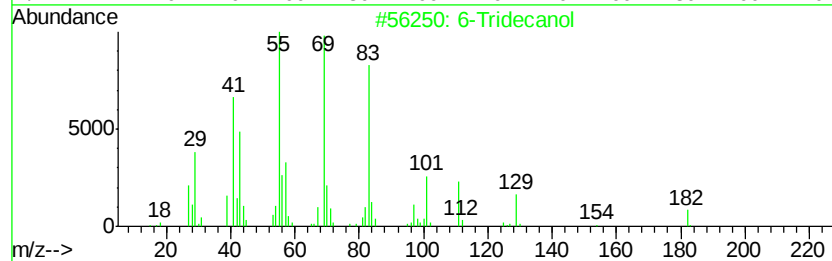
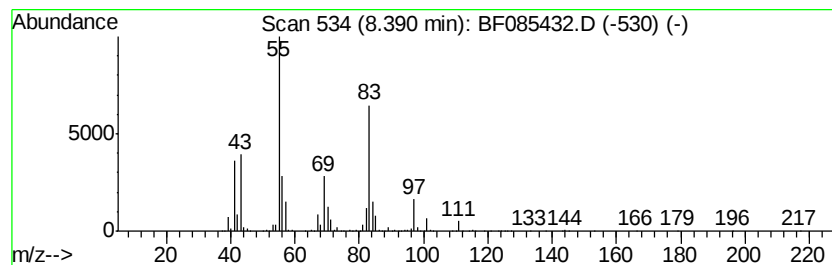
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 6-Tridecanol Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.39	49.38 ng	4233060	Naphthalene-d8	8.22
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	6-Tridecanol	200 C13H28O	005770-03-6	50
2	Cyclopentane, 1-methyl-2-(4-meth...	168 C12H24	066553-50-2	50
3	1-Methyl-2-(4-methylpentyl)cyclo...	168 C12H24	1000113-60-1	50
4	Cyclobutanecarboxylic acid, 2-te...	296 C19H36O2	1000280-57-8	50
5	Cyclohexanecarboxylic acid, 3-tr...	310 C20H38O2	1000280-59-4	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031416\
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Sample : H1755-01
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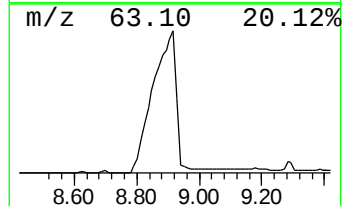
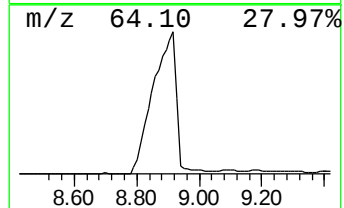
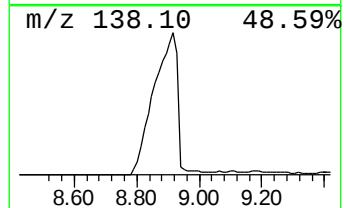
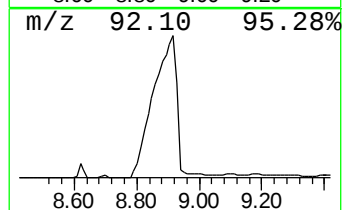
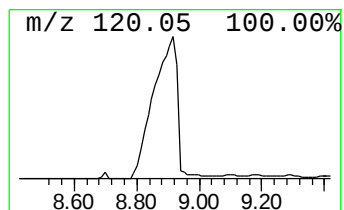
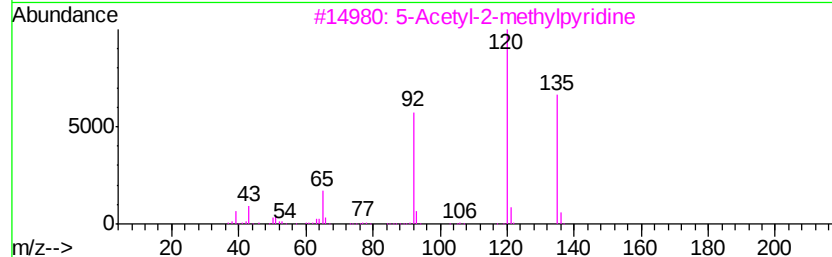
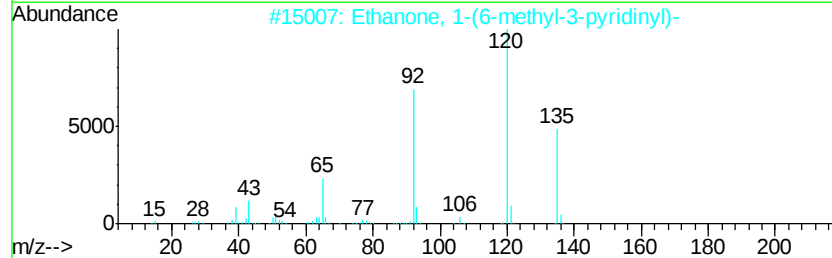
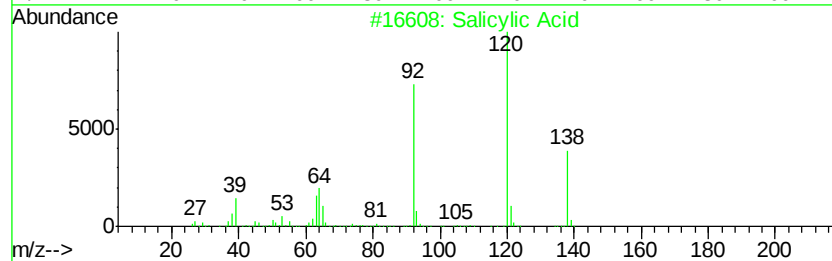
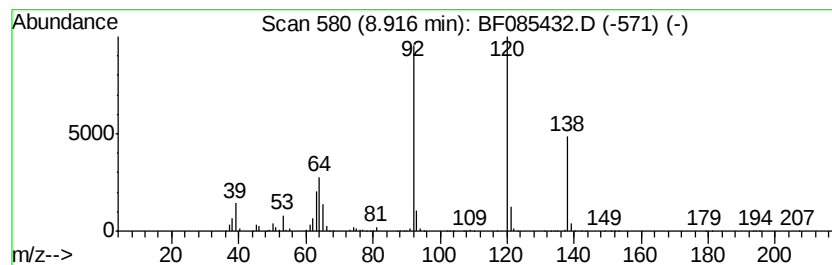
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Salicylic Acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.92	258.40 ng	22149400	Napthalene-d8	8.22	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Salicylic Acid	138	C7H6O3	000069-72-7	96
2	Ethanone, 1-(6-methyl-3-pyridinyl)-	135	C8H9NO	036357-38-7	53
3	5-Acetyl-2-methylpyridine	135	C8H9NO	042972-46-3	53
4	Benzofuran, 2,3-dihydro-	120	C8H8O	000496-16-2	43
5	2-Hydroxy-3-cyanopyridine	120	C6H4N2O	020577-27-9	42



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031416\
Data File : BF085432.D
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Misc :
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ClientSampleId :
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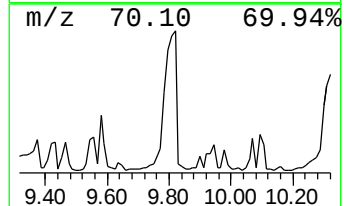
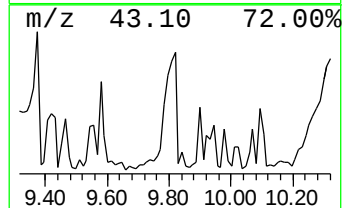
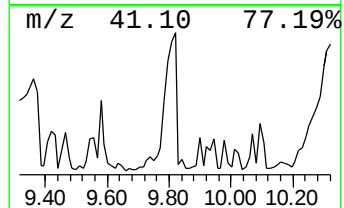
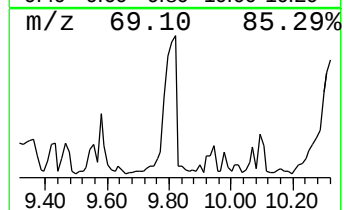
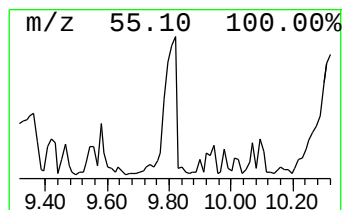
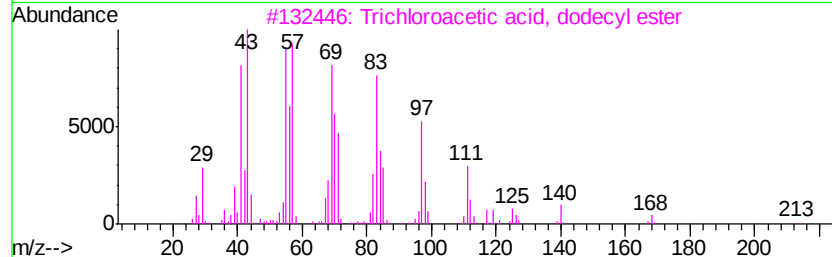
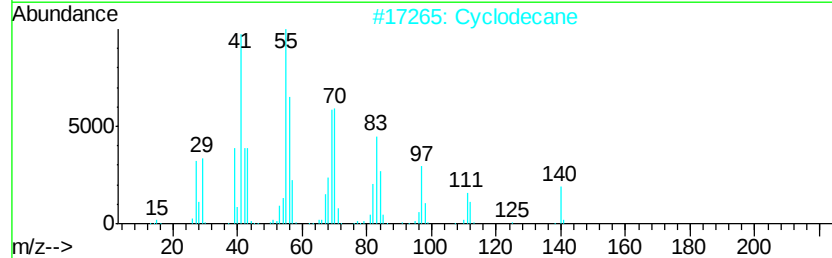
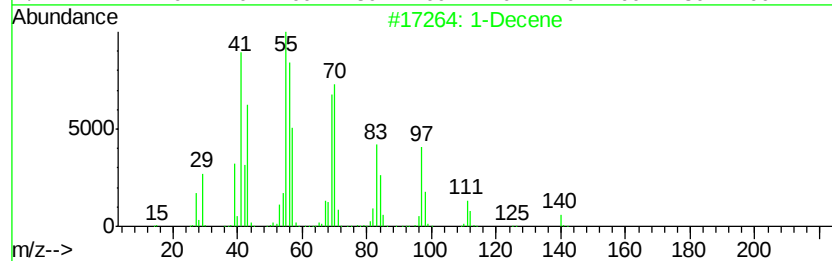
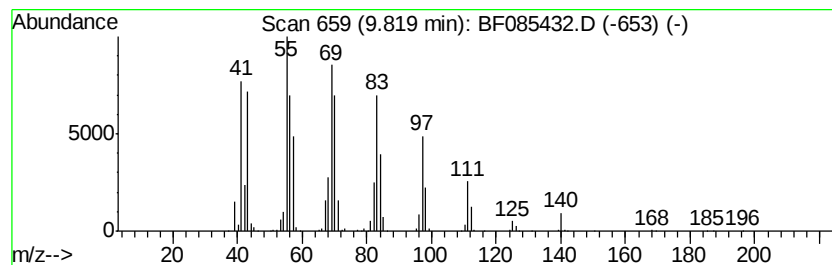
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 1-Decene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	146.77 ng	14143800	Acenaphthene-d10	9.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Decene	140	C10H20	000872-05-9	96
2		Cyclodecane	140	C10H20	000293-96-9	94
3		Trichloroacetic acid, dodecyl ester	330	C14H25Cl3O2	074339-50-7	91
4		Cyclododecane	168	C12H24	000294-62-2	90
5		1-Undecanol	172	C11H24O	000112-42-5	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031416\
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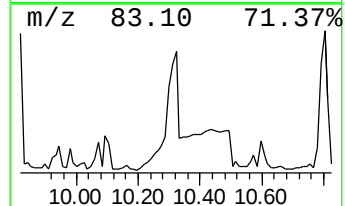
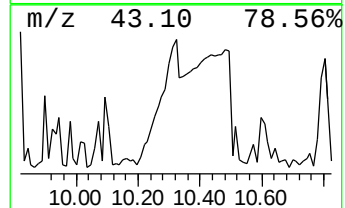
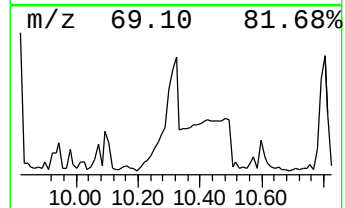
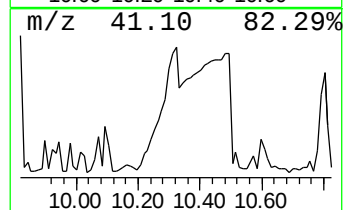
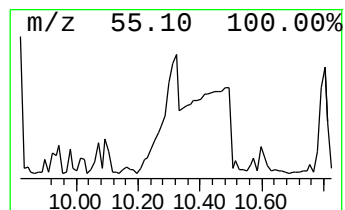
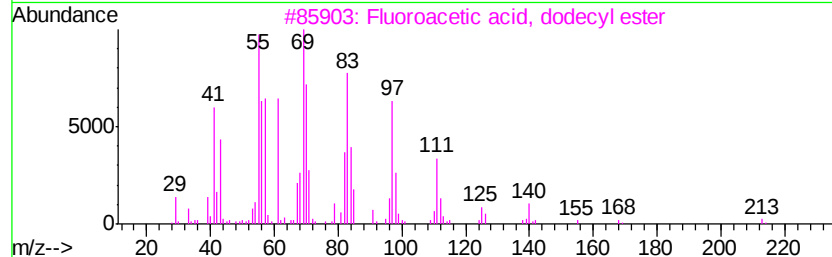
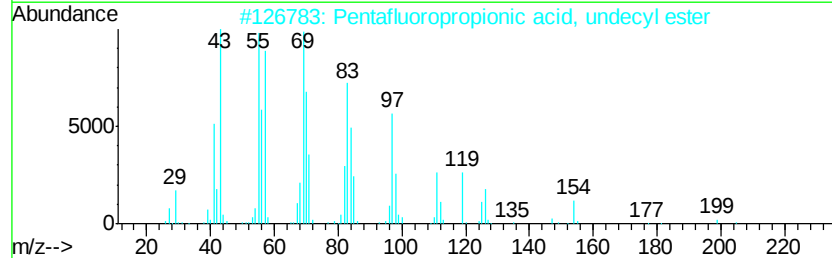
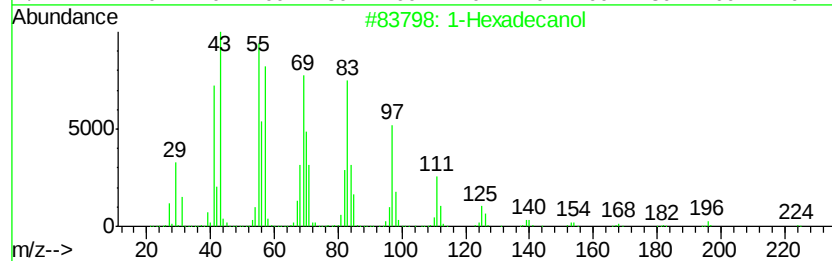
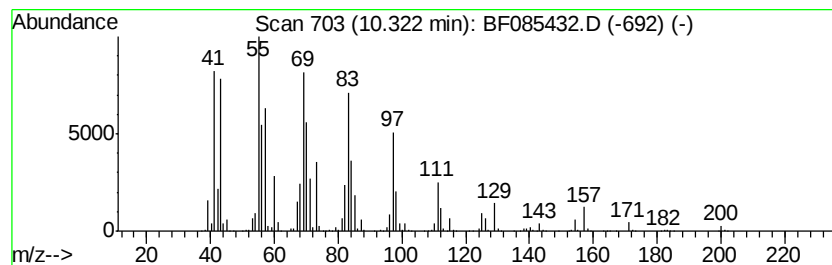
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 1-Hexadecanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.32	286.61 ng	27619500	Acenaphthene-d10	9.97
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1-Hexadecanol	242 C16H34O	036653-82-4 93
2		Pentafluoropropionic acid, undec...	318 C14H23F5O2	1000283-04-0 91
3		Fluoroacetic acid, dodecyl ester	246 C14H27F02	000408-14-0 87
4		1-Tetradecanol	214 C14H30O	000112-72-1 87
5		Cyclododecane	168 C12H24	000294-62-2 83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031416\
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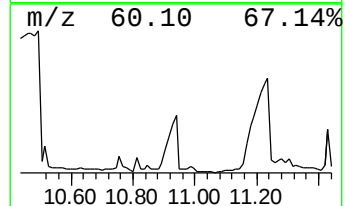
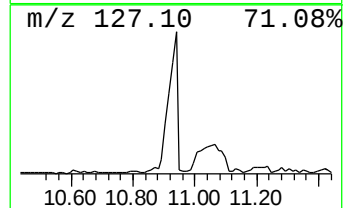
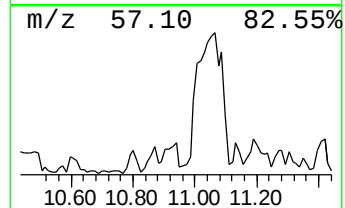
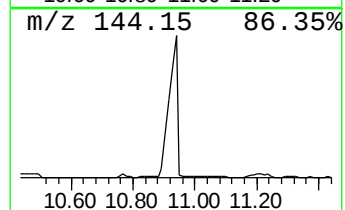
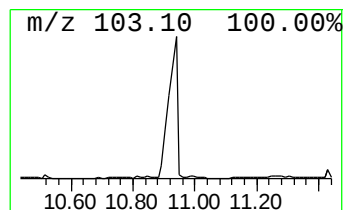
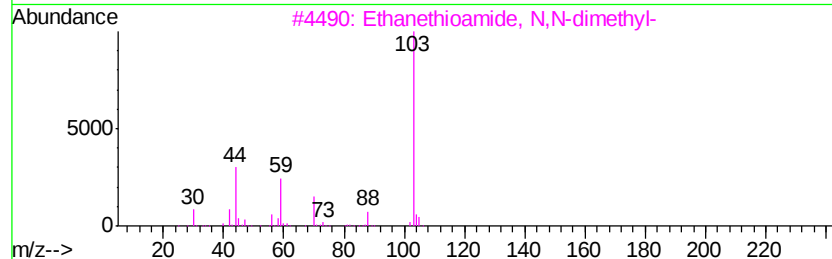
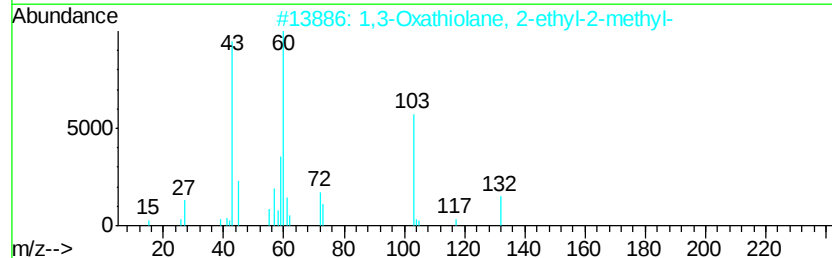
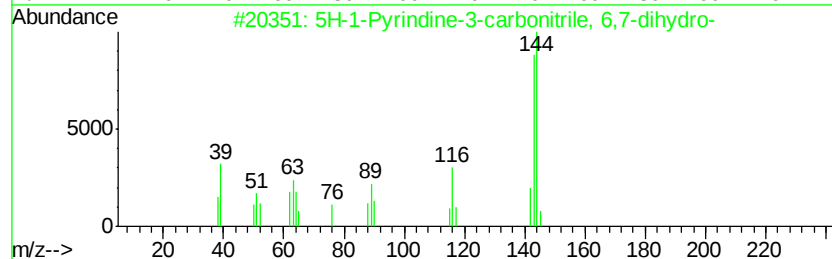
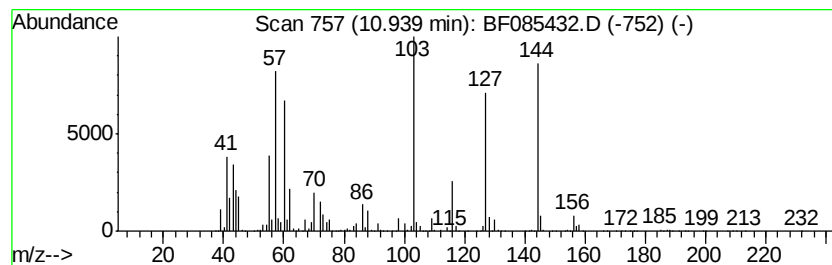
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown10.94 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.94	60.14 ng	8214950	Phenanthrene-d10	11.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5H-1-Pyridine-3-carbonitrile, 6...	144	C9H8N2	108994-73-6	32
2		1,3-Oxathiolane, 2-ethyl-2-methyl-	132	C6H12OS	006712-26-1	12
3		Ethanethioamide, N,N-dimethyl-	103	C4H9NS	000631-67-4	11
4		Malononitrile, furfurylidene-	144	C8H4N2O	003237-22-7	10
5		1-Piperidinethiocarboxamide	144	C6H12N2S	014294-09-8	10



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031416\
Data File : BF085432.D
Acq On : 14 Mar 2016 16:46
Operator : UM/SJ
Sample : H1755-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EFF-WESTE-WATER

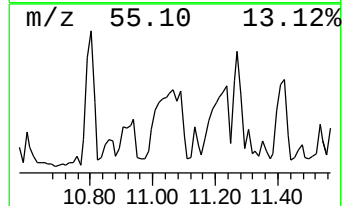
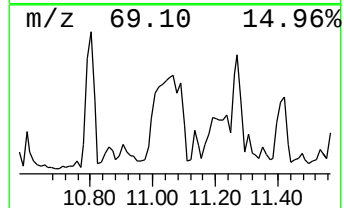
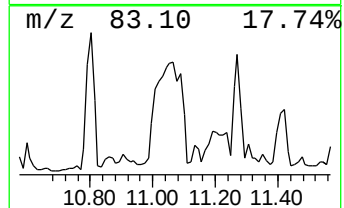
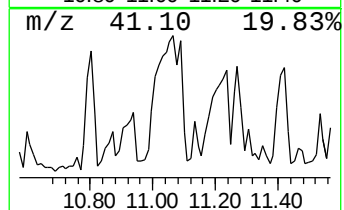
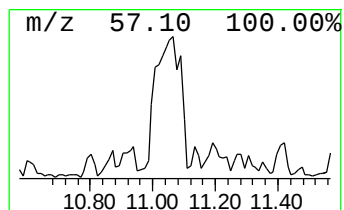
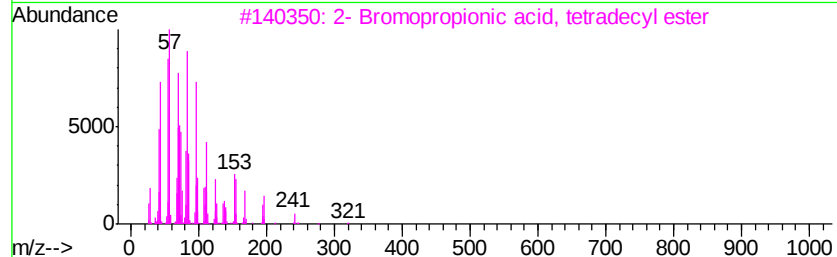
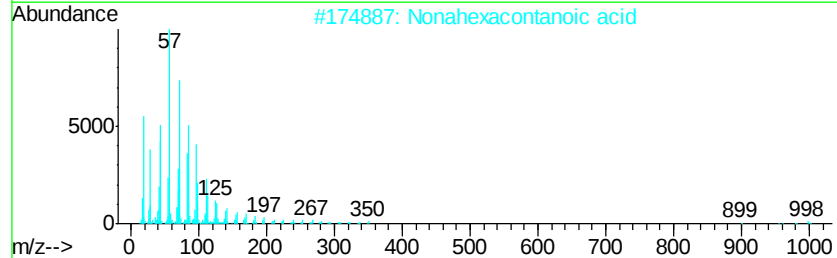
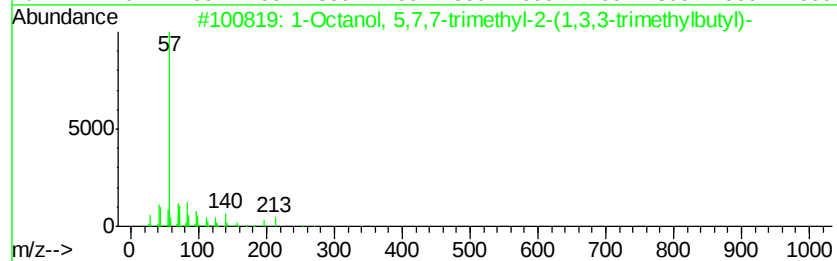
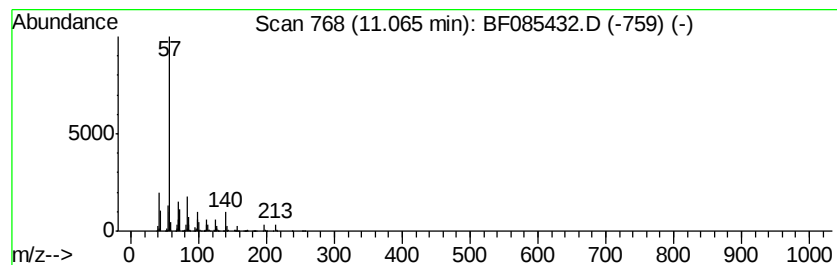
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 1-Octanol, 5,7,7-trimethyl-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	213.84 ng	29210900	Phenanthrene-d10	11.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Octanol, 5,7,7-trimethyl-2-(1,...	270	C18H38O	036400-98-3	90
2		Nonahexacontanoic acid	999	C69H138O2	040710-32-5	43
3		2- Bromopropionic acid, tetradec...	348	C17H33BrO2	086711-82-2	43
4		Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	38
5		1-Hexadecanol, 2-methyl-	256	C17H36O	002490-48-4	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031416\
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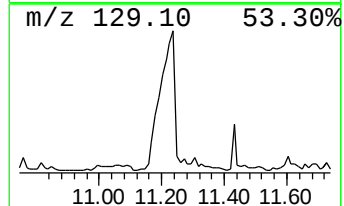
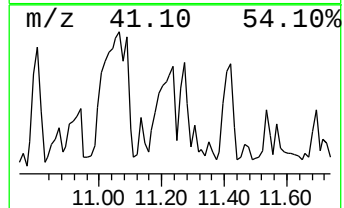
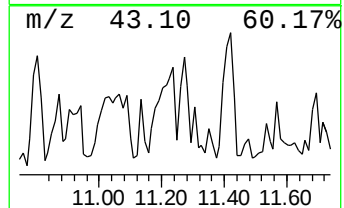
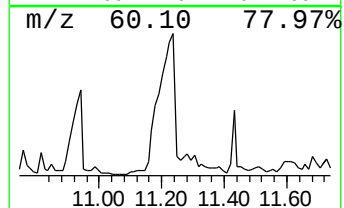
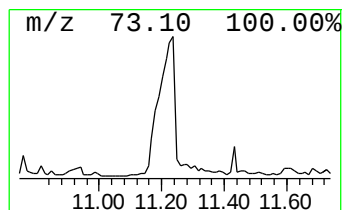
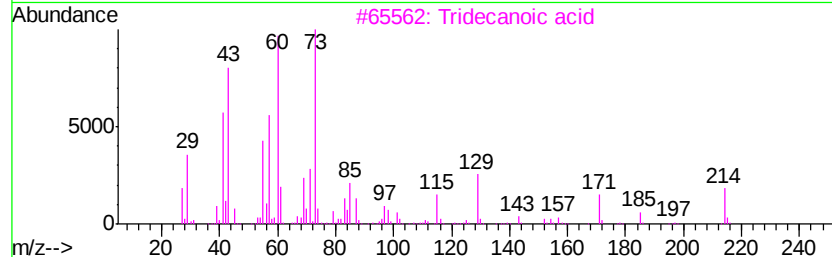
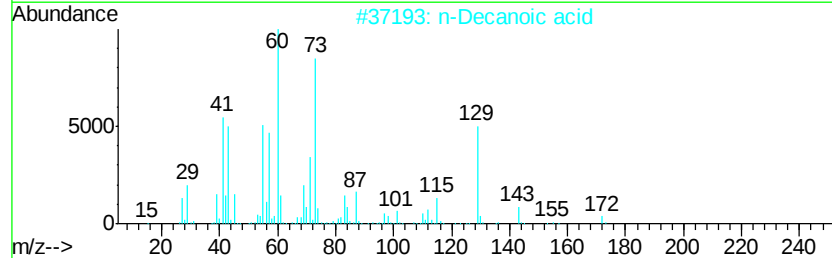
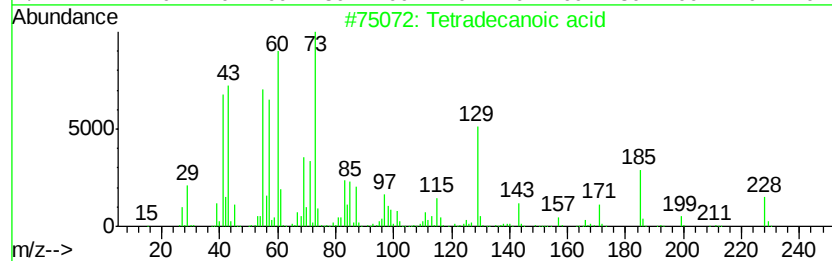
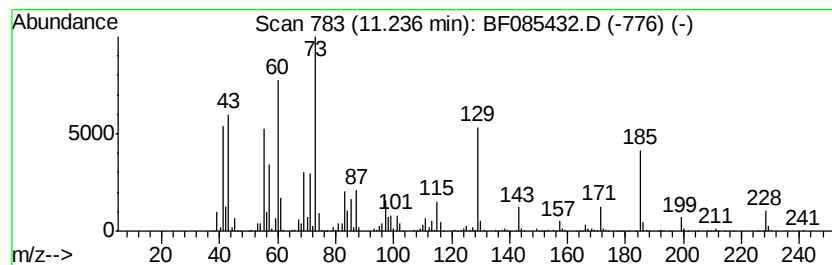
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Tetradecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.24	114.25 ng	15606200	Phenanthrene-d10	11.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecanoic acid	228	C14H28O2	000544-63-8	98
2		n-Decanoic acid	172	C10H20O2	000334-48-5	53
3		Tridecanoic acid	214	C13H26O2	000638-53-9	52
4		Undecanoic acid	186	C11H22O2	000112-37-8	41
5		Dodecanoic acid	200	C12H24O2	000143-07-7	40



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031416\
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Acq On : 14 Mar 2016 16:46
Operator : UM/SJ
Sample : H1755-01
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ALS Vial : 14 Sample Multiplier: 1

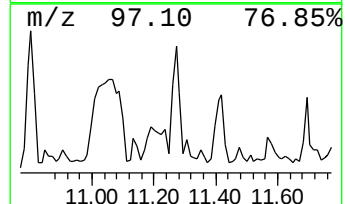
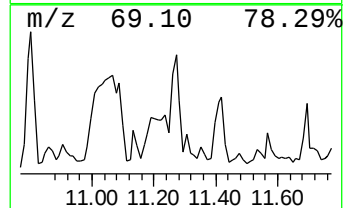
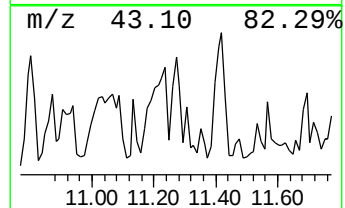
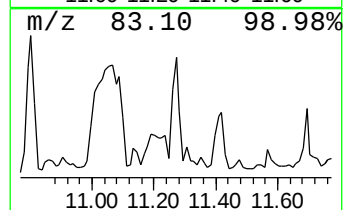
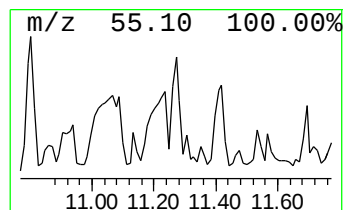
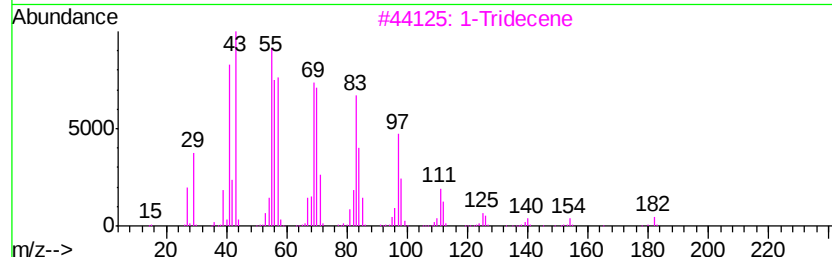
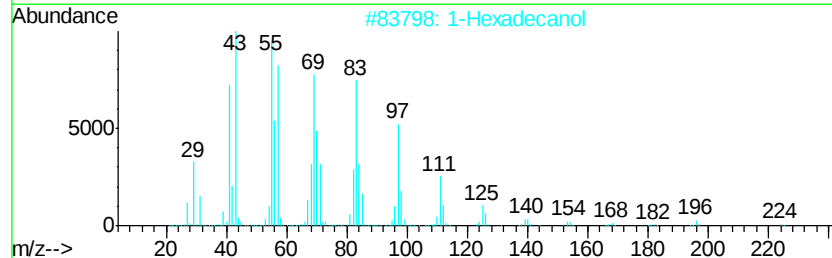
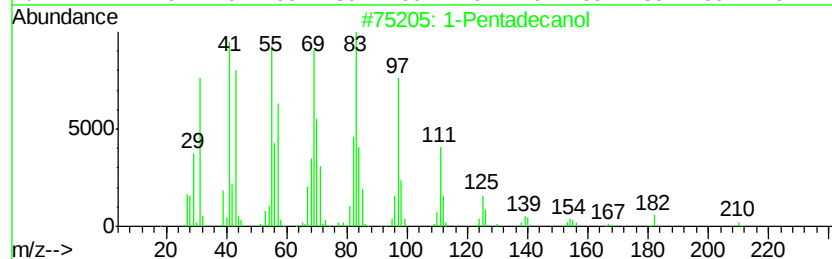
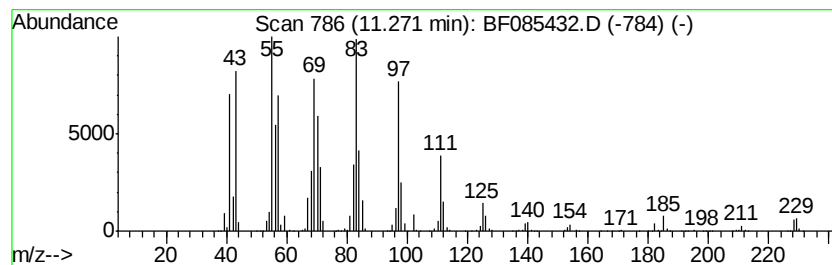
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 1-Pentadecanol Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.27	48.27 ng	6593780	Phenanthrene-d10	11.47	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentadecanol	228	C15H32O	000629-76-5	94
2	1-Hexadecanol	242	C16H34O	036653-82-4	91
3	1-Tridecene	182	C13H26	002437-56-1	91
4	7-Hexadecene, (Z)-	224	C16H32	035507-09-6	91
5	1-Tetradecanol	214	C14H30O	000112-72-1	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031416\
Data File : BF085432.D
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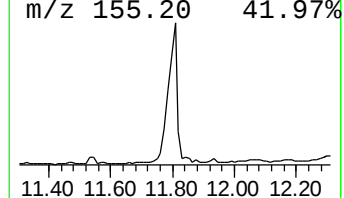
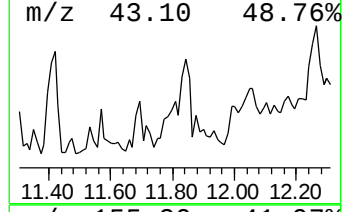
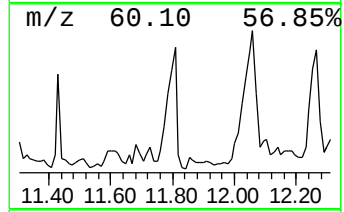
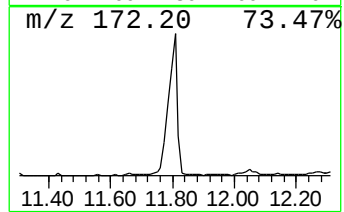
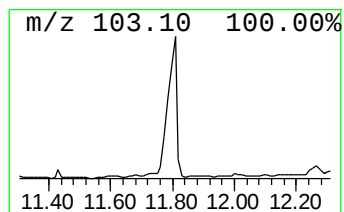
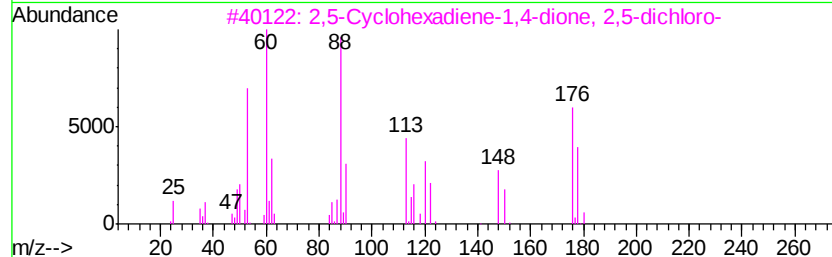
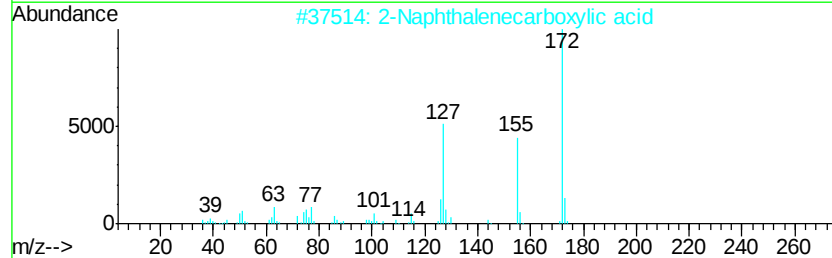
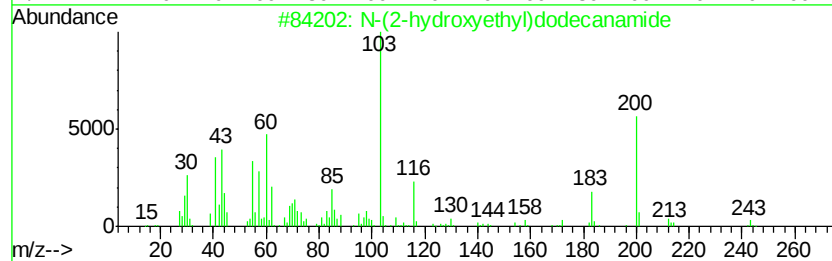
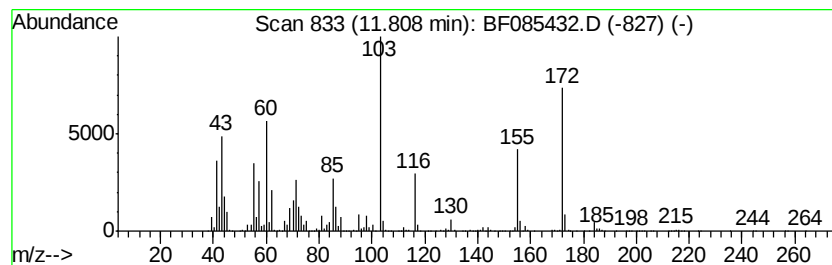
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown11.81 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.81	56.70 ng	7745040	Phenanthrene-d10	11.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	N-(2-hydroxyethyl)dodecanamide	243	C14H29NO2	068140-00-1	38
2		2-Naphthalenecarboxylic acid	172	C11H8O2	000093-09-4	18
3		2,5-Cyclohexadiene-1,4-dione, 2,...	176	C6H2Cl2O2	000615-93-0	12
4		1-(2-Thienylmethyl)-2-thiourea	172	C6H8N2S2	066892-32-8	10
5		1-Naphthalenecarboxylic acid	172	C11H8O2	000086-55-5	10



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031416\
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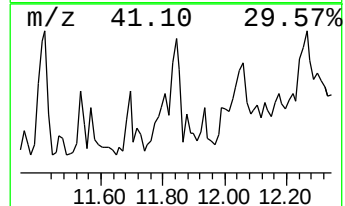
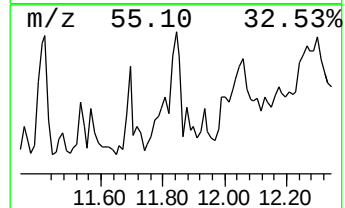
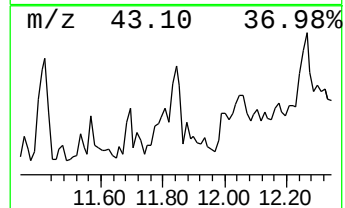
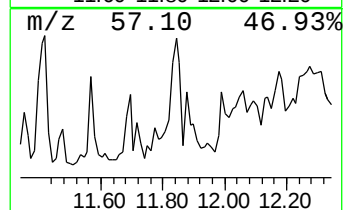
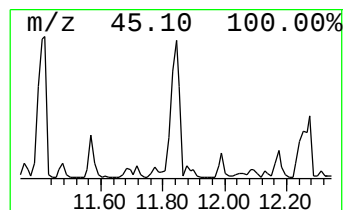
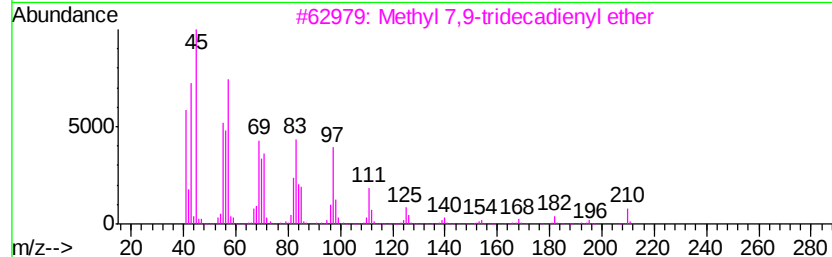
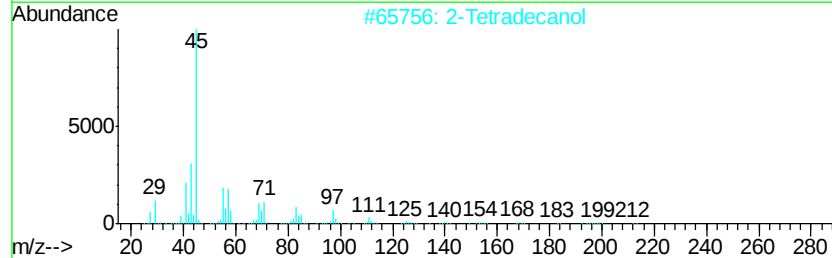
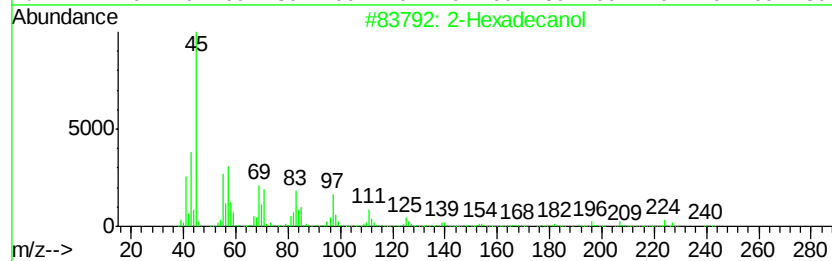
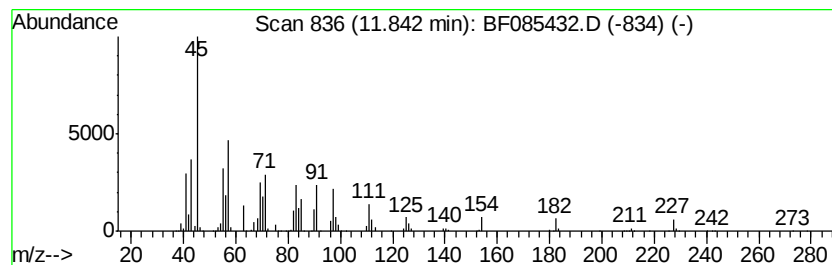
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 2-Hexadecanol Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.84	61.42 ng	8389470	Phenanthrene-d10	11.47	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexadecanol	242	C16H34O	014852-31-4	87
2	2-Tetradecanol	214	C14H30O	004706-81-4	78
3	Methyl 7,9-tridecadienyl ether	210	C14H26O	1000131-00-0	72
4	2-Dodecanol	186	C12H26O	010203-28-8	64
5	2-Nonadecanol	284	C19H40O	026533-36-8	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031416\
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Acq On : 14 Mar 2016 16:46
Operator : UM/SJ
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ClientSampleId :
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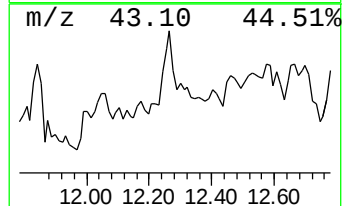
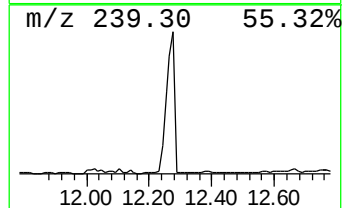
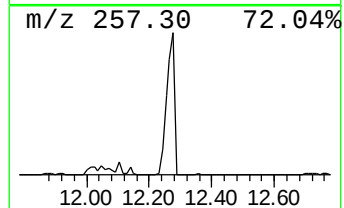
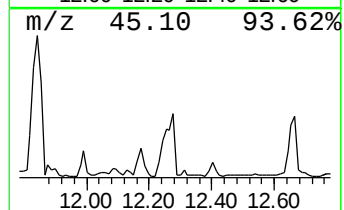
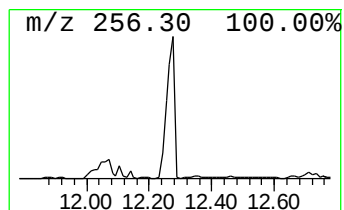
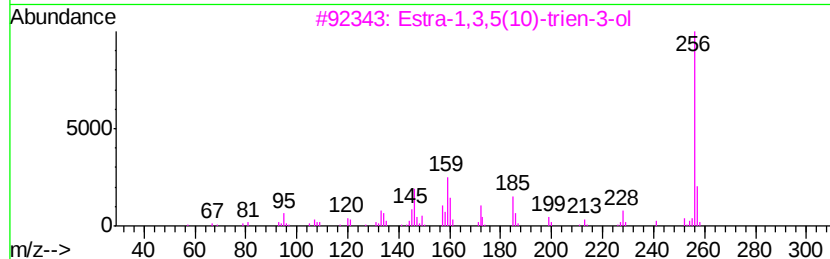
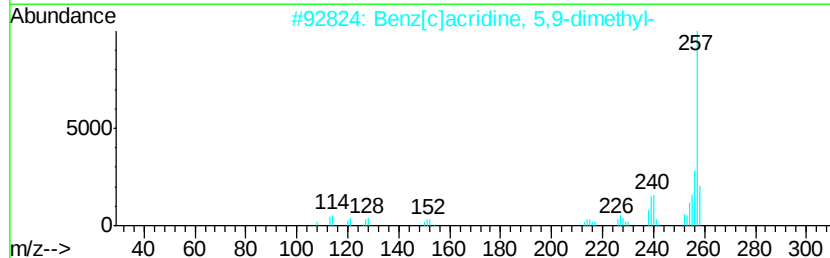
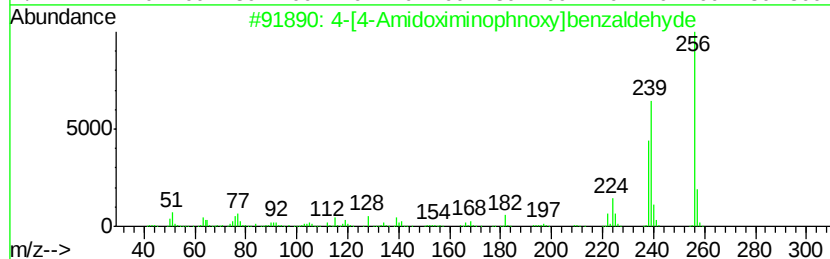
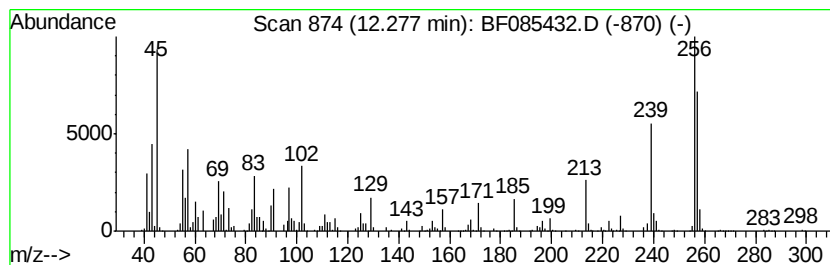
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown12.28 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.28	56.97 ng	7781450	Phenanthrene-d10	11.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	4	[4-Amidoximinophenoxy]benzaldehyde	256	C14H12N2O3	1000212-42-7	30
2		Benz[c]acridine, 5,9-dimethyl-	257	C19H15N	003518-03-4	22
3		Estra-1,3,5(10)-trien-3-ol	256	C18H24O	000053-63-4	22
4		Ferrocene, (2-carboxyethenyl)-	256	C13H12FeO2	012154-65-3	22
5		2-Nonadecanol	284	C19H40O	026533-36-8	18



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031416\
Data File : BF085432.D
Acq On : 14 Mar 2016 16:46
Operator : UM/SJ
Sample : H1755-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WESTE-WATER

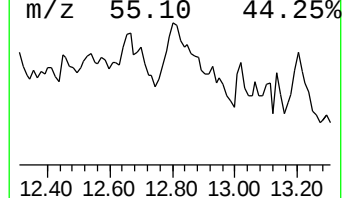
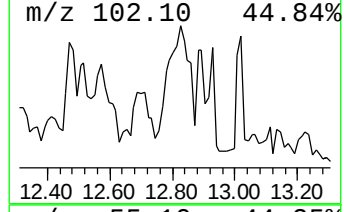
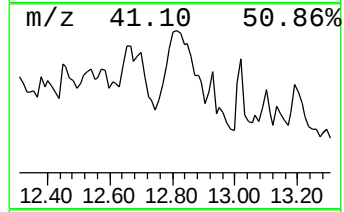
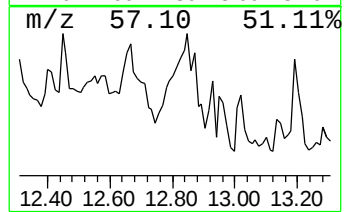
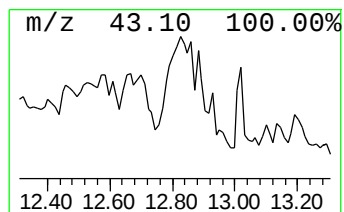
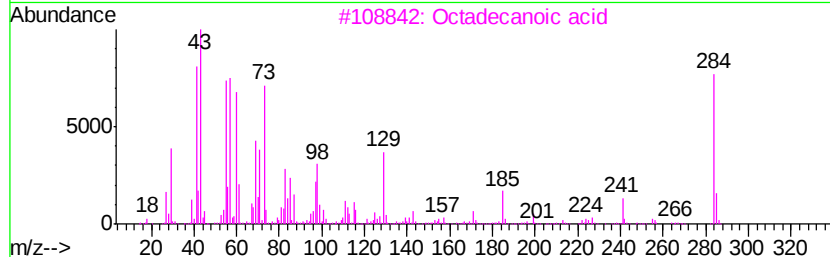
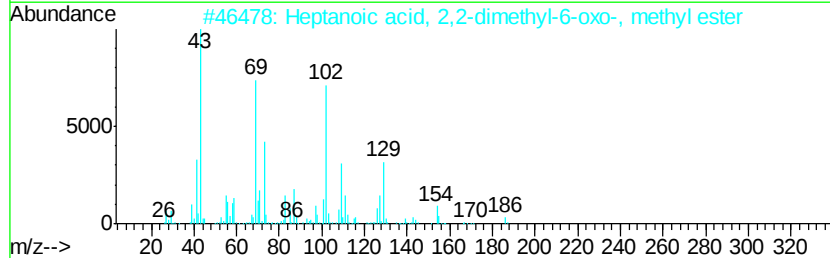
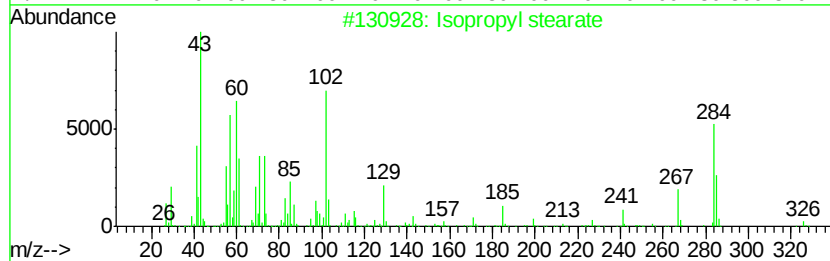
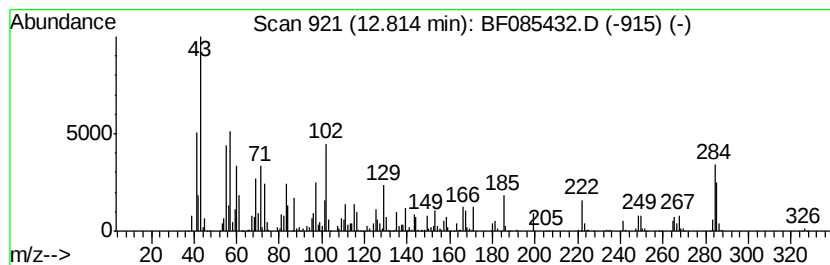
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown12.81 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.81	169.07 ng	24872200	Chrysene-d12	14.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Isopropyl stearate	326	C21H42O2	000112-10-7	43
2		Heptanoic acid, 2,2-dimethyl-6-o...	186	C10H18O3	000926-27-2	35
3		Octadecanoic acid	284	C18H36O2	000057-11-4	25
4		.alpha.-D-Glucopyranoside, methy...	176	C7H12O5	013407-60-8	25
5		Dodecanoic acid, 1-methylethyl e...	242	C15H30O2	010233-13-3	18



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031416\
Data File : BF085432.D
Acq On : 14 Mar 2016 16:46
Operator : UM/SJ
Sample : H1755-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WESTE-WATER

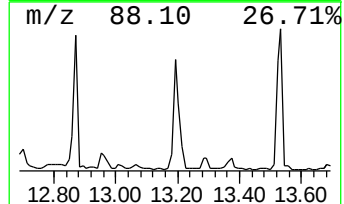
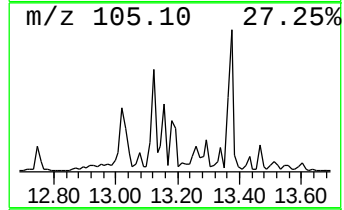
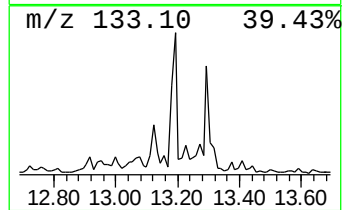
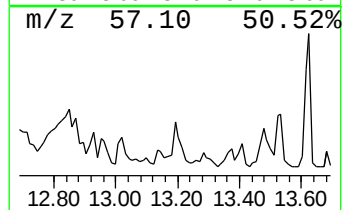
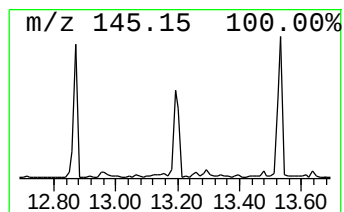
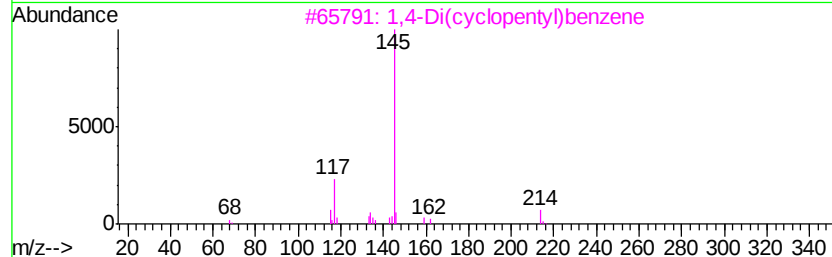
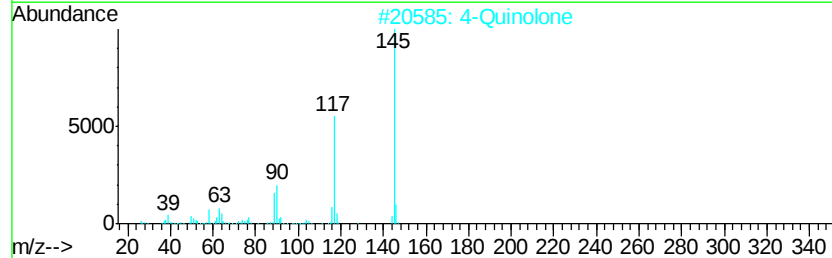
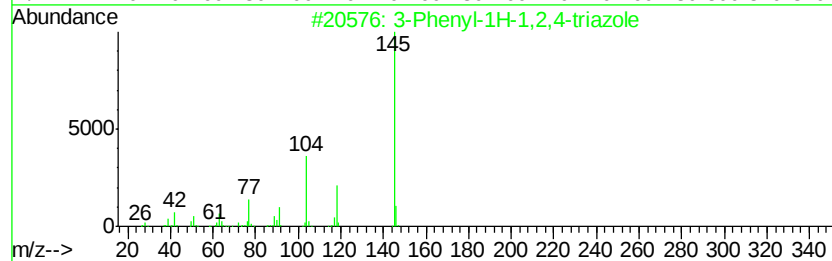
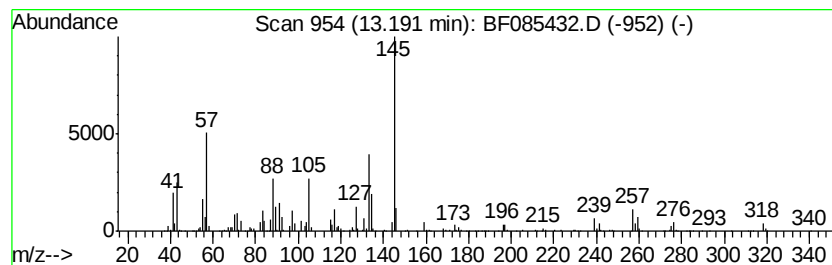
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown13.19 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	49.53 ng	7286500	Chrysene-d12	14.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Phenyl-1H-1,2,4-triazole	145	C8H7N3	003357-42-4	35
2		4-Quinolone	145	C9H7NO	1000234-25-1	35
3		1,4-Di(cyclopentyl)benzene	214	C16H22	018970-50-8	35
4		Quinoxalin-2-amine	145	C8H7N3	005424-05-5	35
5		1-Methyl-3-[(N-methylcarbamyloxy...	219	C11H13N3O2	1000212-02-0	32



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031416\
Data File : BF085432.D
Acq On : 14 Mar 2016 16:46
Operator : UM/SJ
Sample : H1755-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WESTE-WATER

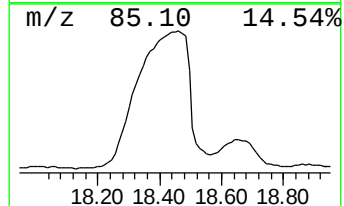
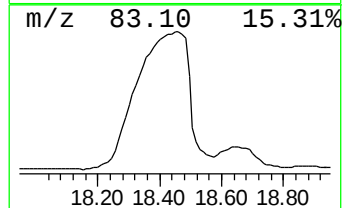
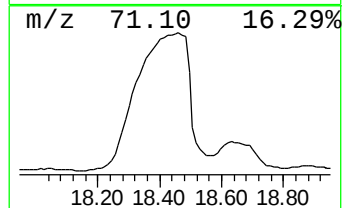
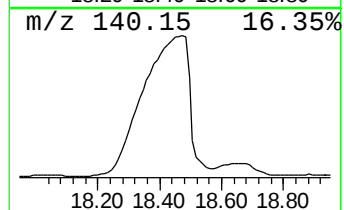
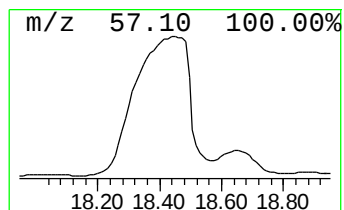
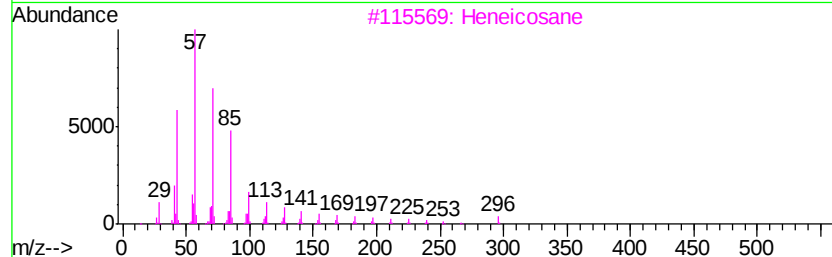
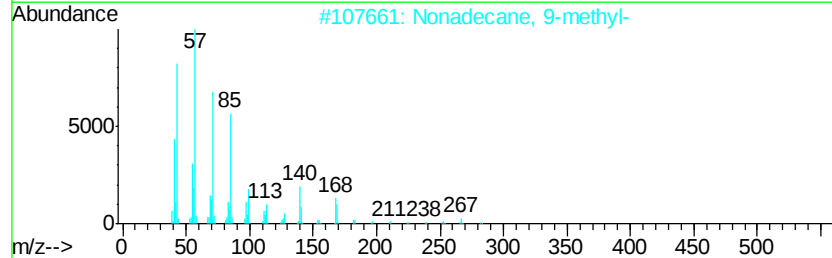
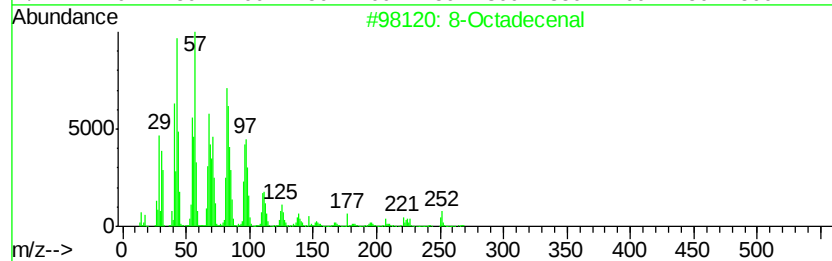
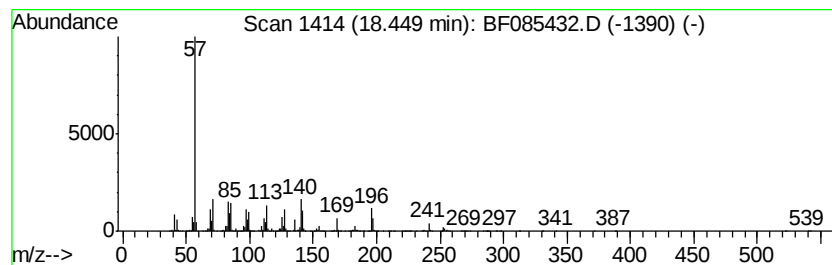
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 8-Octadecenal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.45	870.95 ng	59584200	Perylene-d12	15.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	8-Octadecenal	266	C18H34O	056554-94-0	68
2		Nonadecane, 9-methyl-	282	C20H42	013287-24-6	47
3		Heneicosane	296	C21H44	000629-94-7	43
4		Tetratetracontane	619	C44H90	007098-22-8	43
5		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031416\
Data File : BF085432.D
Acq On : 14 Mar 2016 16:46
Operator : UM/SJ
Sample : H1755-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WESTE-WATER

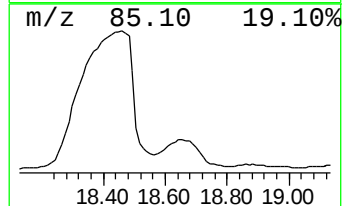
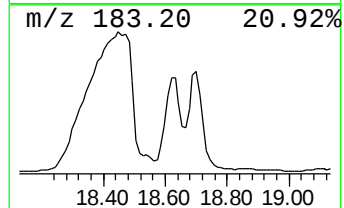
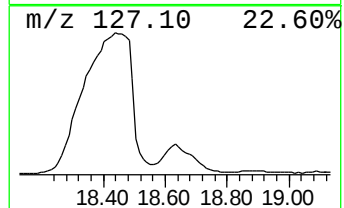
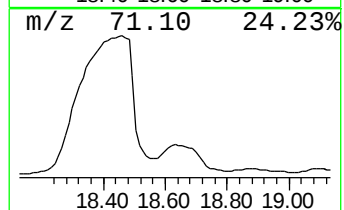
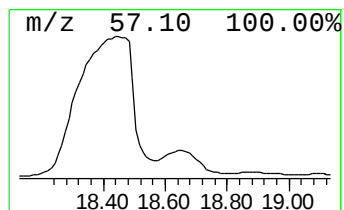
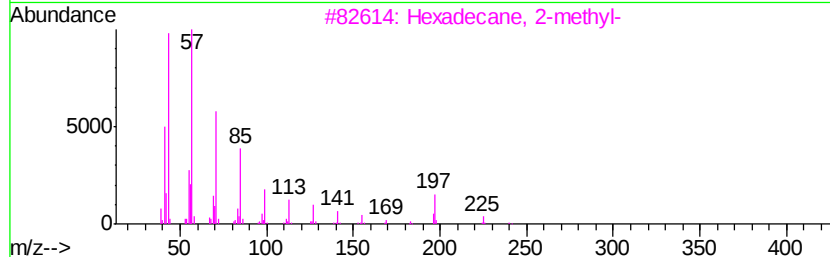
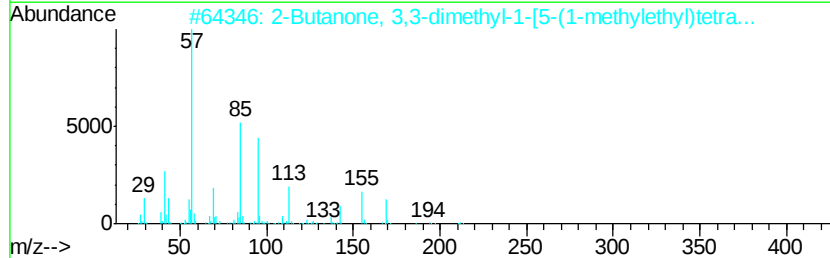
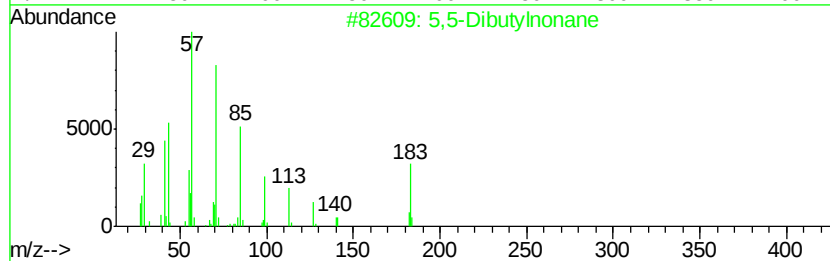
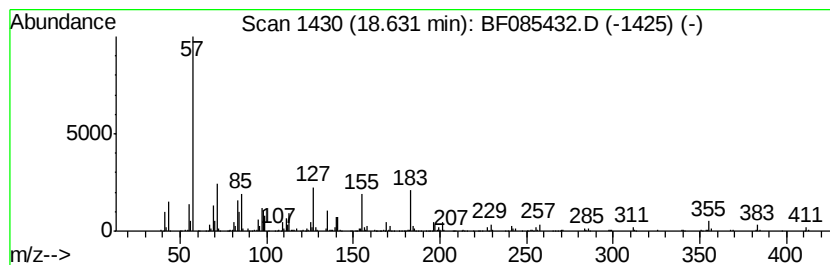
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown18.63 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.63	114.27 ng	7817840	Perylene-d12	15.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5,5-Dibutylnonane	240	C17H36	006008-17-9	27
2		2-Butanone, 3,3-dimethyl-1-[5-(1...	212	C13H24O2	083041-29-6	14
3		Hexadecane, 2-methyl-	240	C17H36	001560-92-5	14
4		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	14
5		Tetrapentacontane	759	C54H110	005856-66-6	14



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031416\
 Data File : BF085432.D
 Acq On : 14 Mar 2016 16:46
 Operator : UM/SJ
 Sample : H1755-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WESTE-WATER

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.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
Cyclohexane, butyl-	6.41	66.8	ng	3990560	1	6.93	1195040	20.0
1-Hexanol, 2-ethyl-	7.02	96.9	ng	5789480	1	6.93	1195040	20.0
Octanoic acid, me...	7.68	75.4	ng	6465680	2	8.22	1714330	20.0
unknown7.76	7.76	57.6	ng	4941090	2	8.22	1714330	20.0
unknown7.85	7.85	59.6	ng	5108720	2	8.22	1714330	20.0
6-Tridecanol	8.39	49.4	ng	4233060	2	8.22	1714330	20.0
Salicylic Acid	8.92	258.4	ng	22149400	2	8.22	1714330	20.0
1-Decene	9.82	146.8	ng	14143800	3	9.97	1927310	20.0
1-Hexadecanol	10.32	286.6	ng	27619500	3	9.97	1927310	20.0
unknown10.94	10.94	60.1	ng	8214950	4	11.47	2731980	20.0
1-Octanol, 5,7,7-...	11.07	213.8	ng	29210900	4	11.47	2731980	20.0
Tetradecanoic acid	11.24	114.3	ng	15606200	4	11.47	2731980	20.0
1-Pentadecanol	11.27	48.3	ng	6593780	4	11.47	2731980	20.0
unknown11.81	11.81	56.7	ng	7745040	4	11.47	2731980	20.0
2-Hexadecanol	11.84	61.4	ng	8389470	4	11.47	2731980	20.0
unknown12.28	12.28	57.0	ng	7781450	4	11.47	2731980	20.0
unknown12.81	12.81	169.1	ng	24872200	5	14.11	2942330	20.0
unknown13.19	13.19	49.5	ng	7286500	5	14.11	2942330	20.0
8-Octadecenal	18.45	871.0	ng	59584200	6	15.56	1368270	20.0
unknown18.63	18.63	114.3	ng	7817840	6	15.56	1368270	20.0