

Data Path : Z:\HPCHEM1\BNA F\DATA\BF091516\
 Data File : BF090093.D
 Acq On : 15 Sep 2016 15:54
 Operator : UM/SJ
 Sample : H4716-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF

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-BF091516.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	1.701	7	10	26	rBV	831457	1755615	4.90%	0.524%
2	5.073	302	305	307	rBV	1096315	1688154	4.71%	0.504%
3	5.119	307	309	317	rVB	1100661	1013285	2.83%	0.302%
4	6.239	401	407	409	rBV	196315	638471	1.78%	0.191%
5	6.307	411	413	416	rBV	1223890	1748336	4.88%	0.522%
6	6.536	416	433	437	rVB	1433249	7800845	21.77%	2.329%
7	6.685	439	446	450	rBV2	5089708	22067548	61.57%	6.587%
8	6.753	450	452	454	rVB	527617	603439	1.68%	0.180%
9	6.970	469	471	474	rBV	1053897	1103870	3.08%	0.330%
10	7.085	474	481	482	rBV	344065	781950	2.18%	0.233%
11	7.119	482	484	487	rVB	1661802	2021432	5.64%	0.603%
12	7.347	495	504	505	rBV	597144	2070200	5.78%	0.618%
13	7.530	505	520	522	rVB	2278934	13713045	38.26%	4.093%
14	7.839	529	547	549	rBV2	3068077	14352748	40.05%	4.284%
15	8.125	570	572	574	rVB	4586952	6239855	17.41%	1.863%
16	8.285	584	586	590	rVB3	236415	415258	1.16%	0.124%
17	8.456	599	601	602	rBV	1519346	1248977	3.48%	0.373%
18	8.856	630	636	638	rBV	1385230	2794274	7.80%	0.834%
19	8.925	638	642	643	rVV	3321752	4144869	11.57%	1.237%
20	8.970	643	646	648	rVV	847801	1212061	3.38%	0.362%
21	9.016	648	650	652	rVV	2109257	1953724	5.45%	0.583%
22	9.062	652	654	656	rVV	812397	1157425	3.23%	0.345%
23	9.096	656	657	661	rVB	825210	833684	2.33%	0.249%
24	9.188	661	665	666	rBV	862654	1004895	2.80%	0.300%
25	9.222	666	668	670	rVV	1369972	1715268	4.79%	0.512%
26	9.325	675	677	681	rVB	575691	799444	2.23%	0.239%
27	9.428	684	686	688	rBV	1089666	1076398	3.00%	0.321%
28	9.542	694	696	697	rBV	715170	935648	2.61%	0.279%
29	9.576	697	699	701	rVV2	2370468	3151788	8.79%	0.941%
30	9.611	701	702	706	rVV3	706392	1373294	3.83%	0.410%
31	9.702	708	710	711	rVV	677530	641083	1.79%	0.191%
32	9.725	711	712	716	rVV2	1155709	1793684	5.00%	0.535%
33	9.931	716	730	731	rVV2	4198879	17630540	49.19%	5.263%
34	9.965	731	733	735	rVV	4456736	6241671	17.42%	1.863%

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35	10.045	738	740	744	rVV	381901	952559	2.66%	0.284%
36	10.228	752	756	758	rBV	962135	1514213	4.23%	0.452%
37	10.365	766	768	770	rVB	1322204	1243621	3.47%	0.371%
38	10.411	770	772	775	rVB	1546115	1961822	5.47%	0.586%
39	10.514	775	781	785	rBV3	404716	1166037	3.25%	0.348%
40	10.628	788	791	792	rBV	4124231	6858295	19.14%	2.047%
41	10.662	792	794	795	rVB	2646544	3474949	9.70%	1.037%
42	10.799	800	806	810	rVV	3080575	6351546	17.72%	1.896%
43	10.879	810	813	815	rVV	3728732	4220116	11.78%	1.260%
44	10.925	815	817	824	rVV	610588	1753914	4.89%	0.524%
45	11.051	826	828	834	rVV	1288585	1637564	4.57%	0.489%
46	11.302	848	850	853	rBV	446713	537470	1.50%	0.160%
47	11.622	874	878	881	rBV	1694635	3141639	8.77%	0.938%
48	11.919	897	904	911	rVV	3607155	10915321	30.46%	3.258%
49	12.079	914	918	920	rBV2	1207591	2244473	6.26%	0.670%
50	12.114	920	921	924	rVV	1207263	1548858	4.32%	0.462%
51	12.171	924	926	928	rVV	597612	959530	2.68%	0.286%
52	12.228	928	931	933	rVV2	1025261	1949238	5.44%	0.582%
53	12.331	937	940	941	rVV	3156446	3132758	8.74%	0.935%
54	12.388	941	945	946	rVV2	799763	1919430	5.36%	0.573%
55	12.422	946	948	949	rVV	1765618	2171292	6.06%	0.648%
56	12.491	952	954	958	rVV	1453301	1756545	4.90%	0.524%
57	12.559	958	960	961	rVV	742416	1047487	2.92%	0.313%
58	12.617	961	965	968	rVV2	5706556	14913572	41.61%	4.452%
59	12.708	968	973	977	rVV2	4405397	10508317	29.32%	3.137%
60	12.777	977	979	980	rVV	1520084	1839963	5.13%	0.549%
61	12.799	980	981	983	rVV	977841	1369504	3.82%	0.409%
62	12.857	983	986	993	rVV3	1099638	2712816	7.57%	0.810%
63	12.994	993	998	1000	rVV	5827860	13943032	38.90%	4.162%
64	13.074	1002	1005	1006	rVV	2037512	2986284	8.33%	0.891%
65	13.119	1006	1009	1010	rVV	1277105	2313216	6.45%	0.691%
66	13.154	1010	1012	1013	rVV	908172	1168468	3.26%	0.349%
67	13.199	1014	1016	1018	rVV	1067298	1228485	3.43%	0.367%
68	13.245	1018	1020	1022	rVV	2302498	2695299	7.52%	0.805%
69	13.337	1024	1028	1031	rVV	5442190	12825376	35.79%	3.828%
70	13.417	1031	1035	1038	rVB2	3573046	7060192	19.70%	2.108%
71	13.565	1045	1048	1051	rVB	2967606	4541697	12.67%	1.356%

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72	13.680	1051	1058	1060	rBV	5801843	11267558	31.44%	3.363%
73	13.977	1082	1084	1087	rVB	539608	544689	1.52%	0.163%
74	14.057	1090	1091	1094	rBV	348694	559193	1.56%	0.167%
75	14.182	1099	1102	1104	rVV	2175430	3074071	8.58%	0.918%
76	14.674	1142	1145	1148	rBV4	208442	553417	1.54%	0.165%
77	14.777	1150	1154	1157	rBV2	3723517	5882373	16.41%	1.756%
78	14.994	1171	1173	1176	rVB	949741	1183689	3.30%	0.353%
79	15.303	1197	1200	1205	rBV3	118596	394456	1.10%	0.118%
80	15.428	1208	1211	1215	rVB	196027	413542	1.15%	0.123%
81	16.137	1270	1273	1282	rVB3	114267	389747	1.09%	0.116%
82	16.651	1315	1318	1323	rVB4	170825	446682	1.25%	0.133%
83	17.337	1361	1378	1387	rBV	4741135	35838892	100.00%	10.698%
84	17.508	1388	1393	1404	rVB2	539257	3174073	8.86%	0.947%
85	17.943	1429	1431	1441	rVB3	135064	455423	1.27%	0.136%
86	19.097	1527	1532	1539	rVB2	144590	534776	1.49%	0.160%

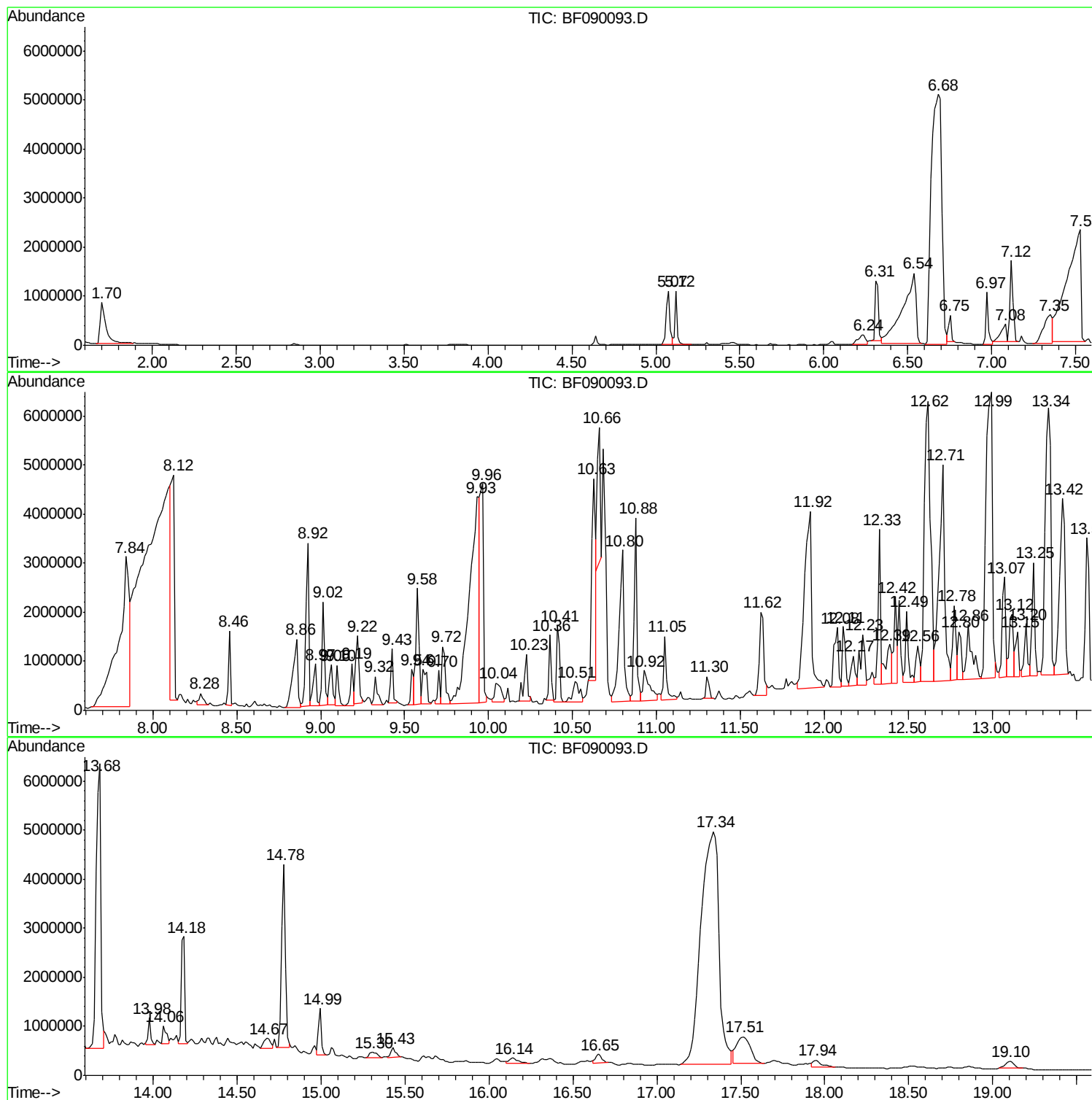
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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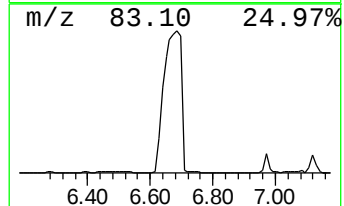
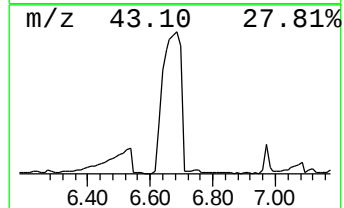
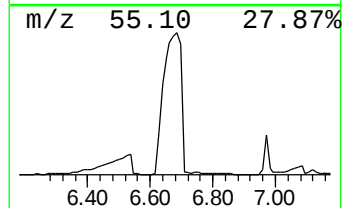
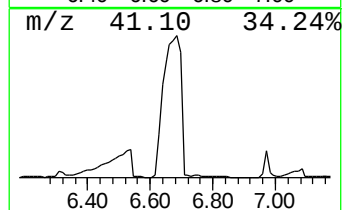
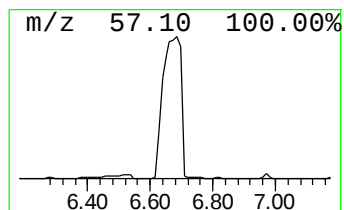
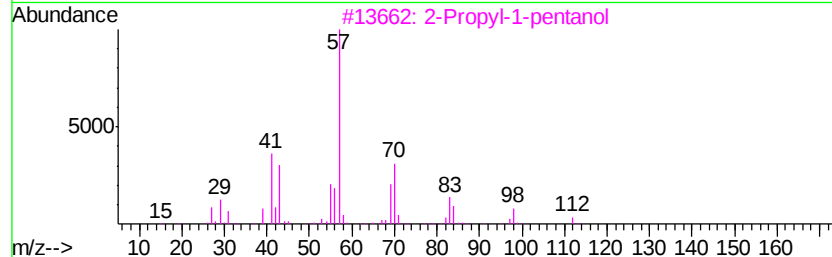
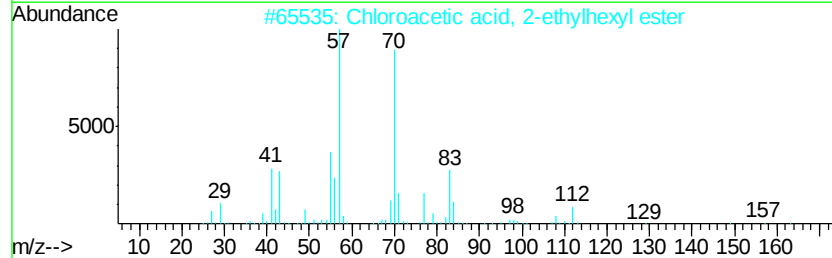
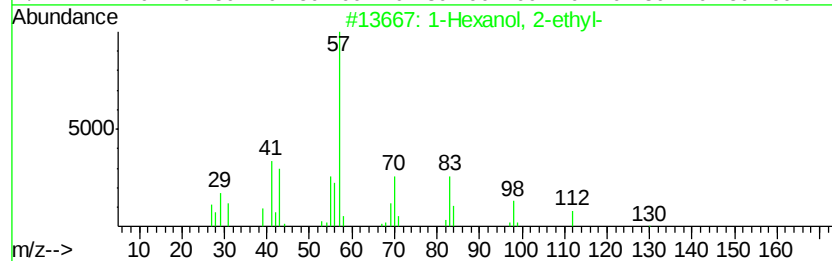
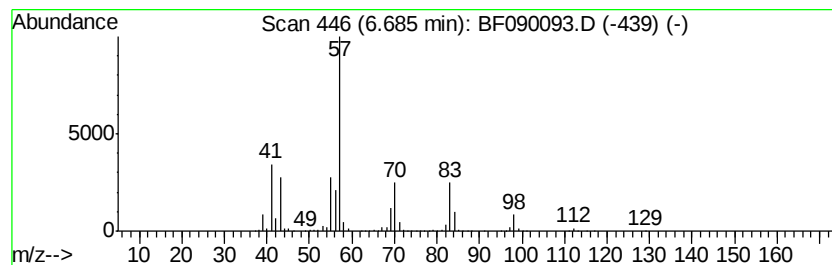
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091516.M
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 1-Hexanol, 2-ethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.68	56.58 ng	22067500	1,4-Dichlorobenzene-d4	6.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
2		Chloroacetic acid, 2-ethylhexyl ...	206	C10H19ClO2	005345-58-4	59
3		2-Propyl-1-pentanol	130	C8H18O	058175-57-8	53
4		Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	50
5		2-Ethyl-1-hexanol, methyl ether	144	C9H20O	1000365-10-2	50



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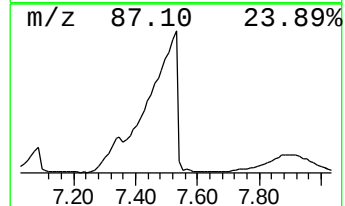
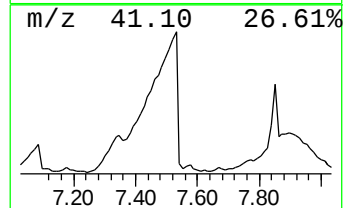
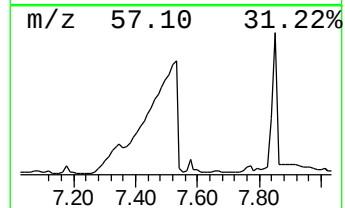
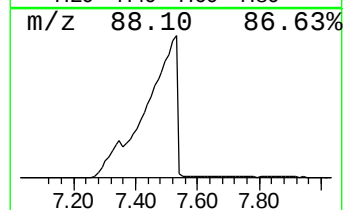
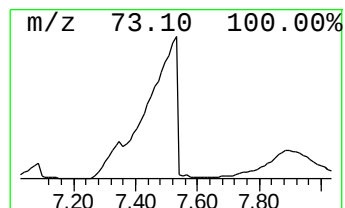
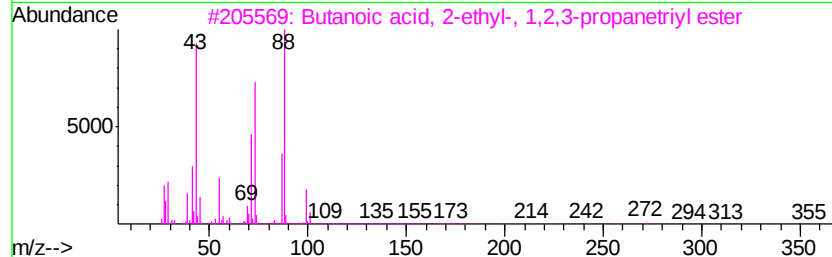
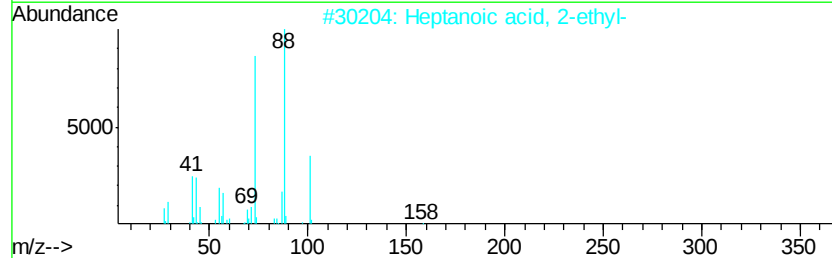
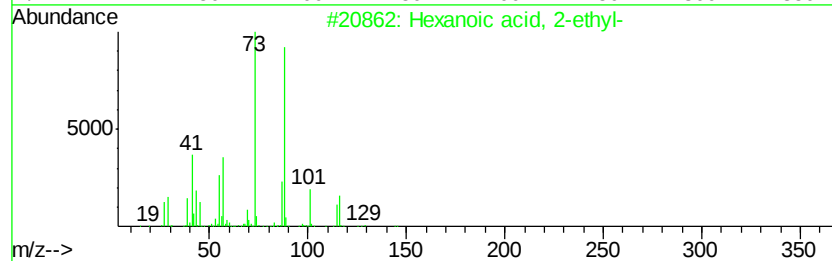
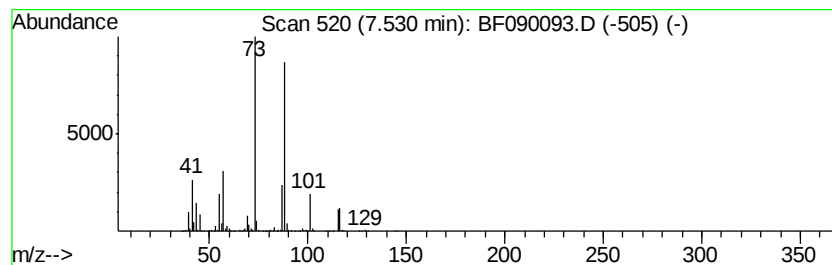
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TIC Library : C:\Database\NIST11.L
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Peak Number 2 Hexanoic acid, 2-ethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.53	19.11 ng	13713000	Naphthalene-d8	7.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	90
2		Heptanoic acid, 2-ethyl-	158	C9H18O2	003274-29-1	64
3		Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	42
4		Methyl 2,3,4-tri-O-methyl-6-deox...	220	C10H20O5	072983-16-5	33
5		L(-)-Fucose, tetramethyl ether	220	C10H20O5	1000332-75-0	33



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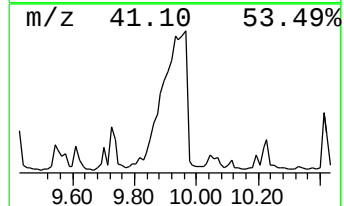
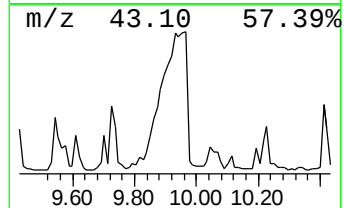
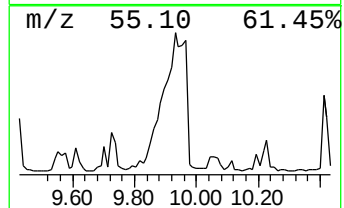
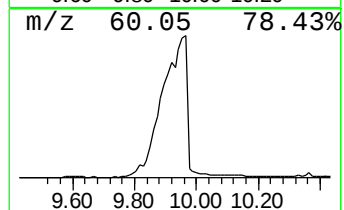
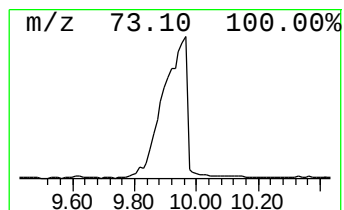
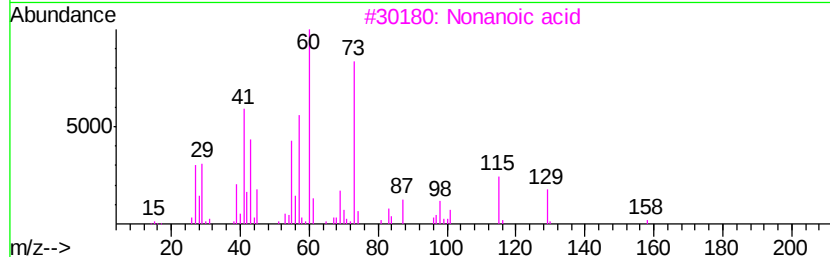
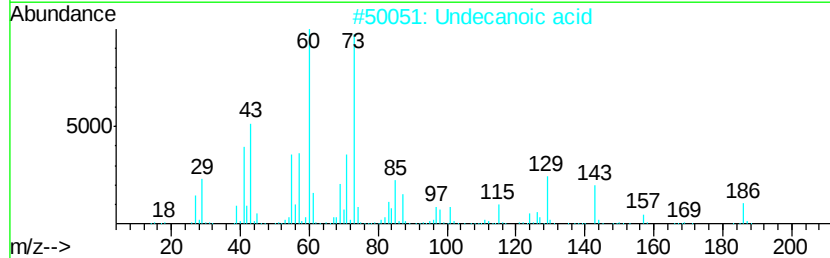
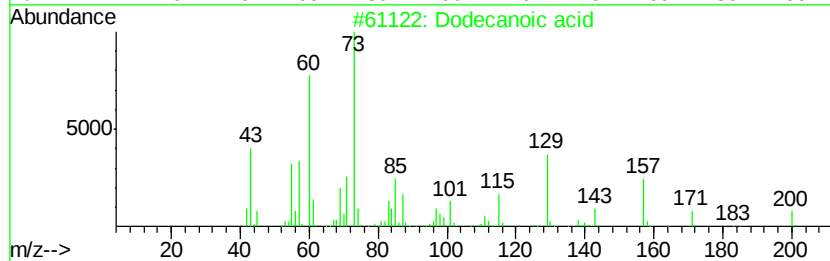
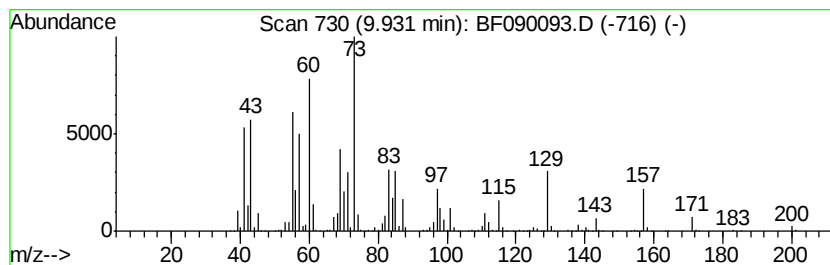
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Dodecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.
9.93	111.88 ng	17630500	Acenaphthene-d10		9.59

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecanoic acid	200	C12H24O2	000143-07-7	93
2			Undecanoic acid	186	C11H22O2	000112-37-8	59
3			Nonanoic acid	158	C9H18O2	000112-05-0	46
4			Butanoic acid	88	C4H8O2	000107-92-6	27
5			Dodecyl acrylate	240	C15H28O2	002156-97-0	14



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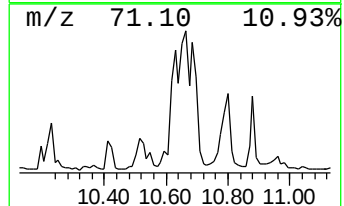
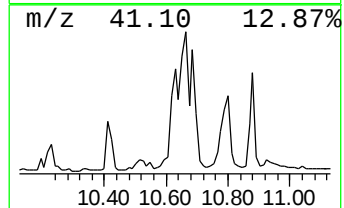
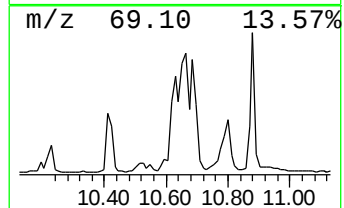
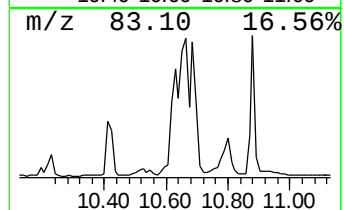
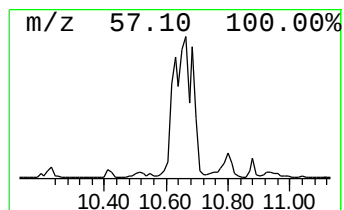
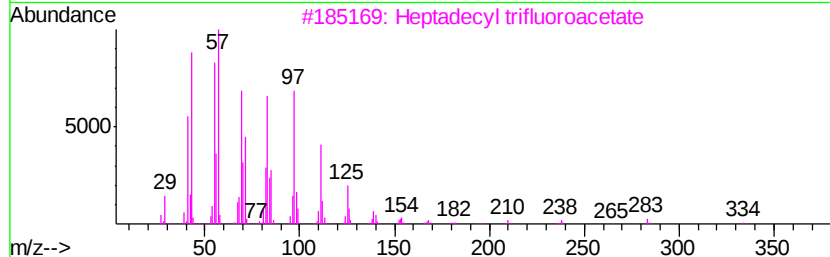
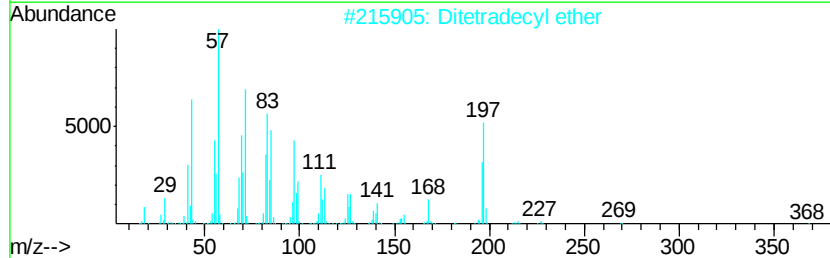
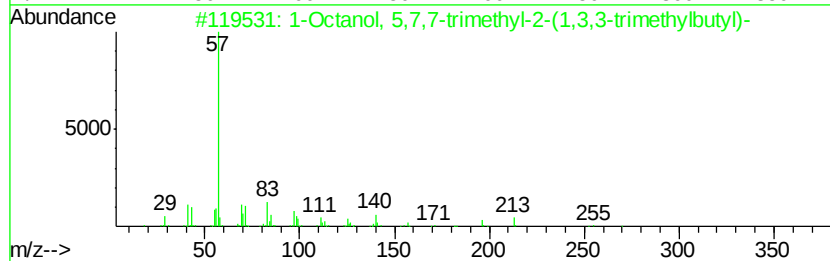
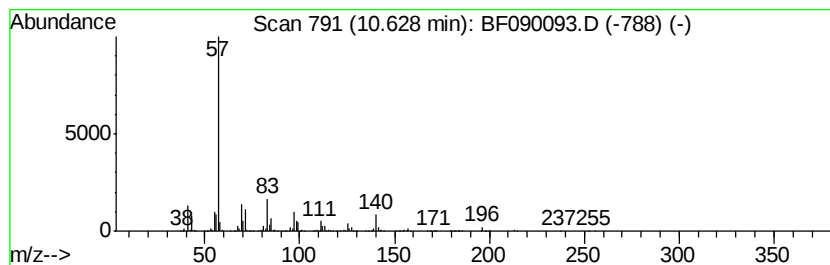
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.63	83.76 ng	6858300	Phenanthrene-d10	11.05

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		Ditetradecyl ether	410	C28H58O	005412-98-6	53
3		Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	50
4		Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	50
5		Octatriacontyl pentafluoropropio...	697	C41H77F5O2	1000351-89-1	47



Data Path : Z:\HPCHEM1\BNA F\DATA\BF091516\
Data File : BF090093.D
Acq On : 15 Sep 2016 15:54
Operator : UM/SJ
Sample : H4716-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

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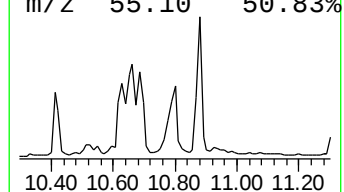
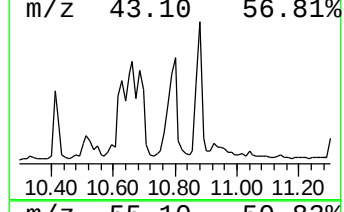
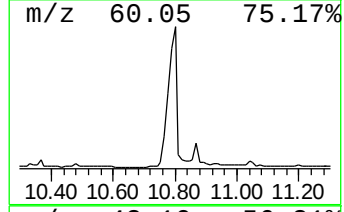
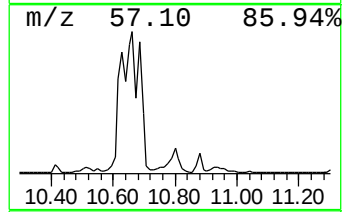
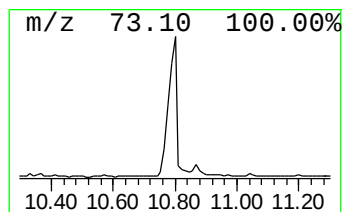
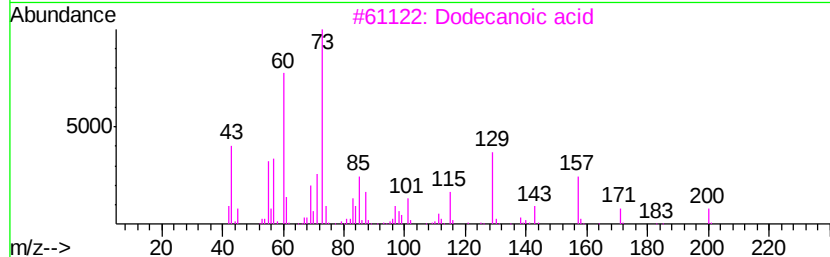
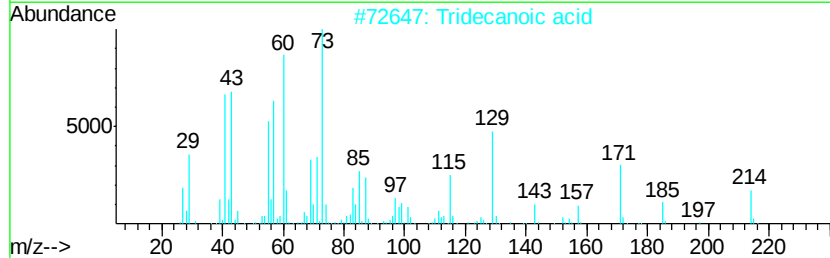
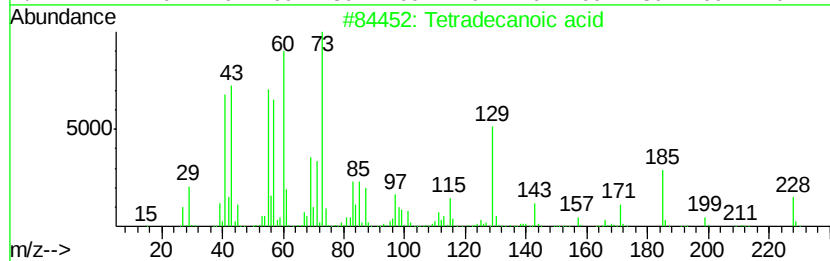
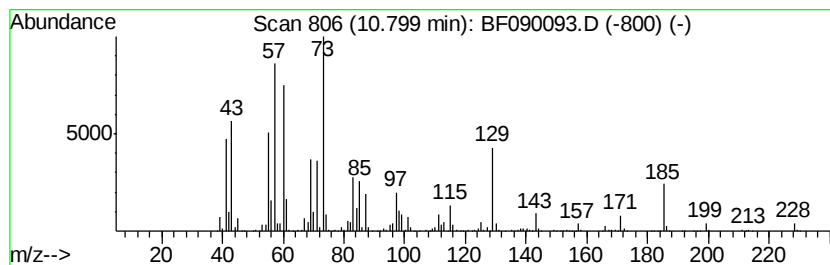
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tetradecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	77.57 ng	6351550	Phenanthrene-d10	11.05

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecanoic acid	228	C14H28O2	000544-63-8	98
2		Tridecanoic acid	214	C13H26O2	000638-53-9	86
3		Dodecanoic acid	200	C12H24O2	000143-07-7	72
4		n-Decanoic acid	172	C10H20O2	000334-48-5	70
5		Undecanoic acid	186	C11H22O2	000112-37-8	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF091516\
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Acq On : 15 Sep 2016 15:54
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Sample : H4716-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

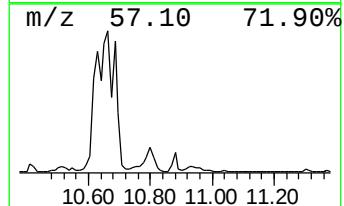
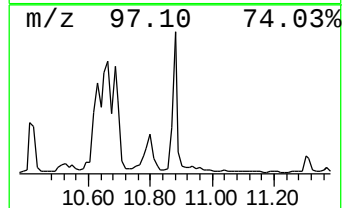
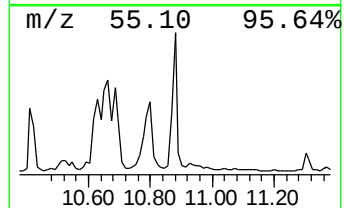
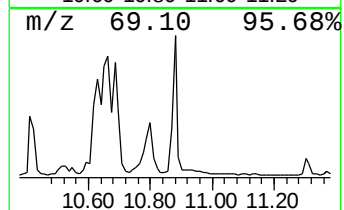
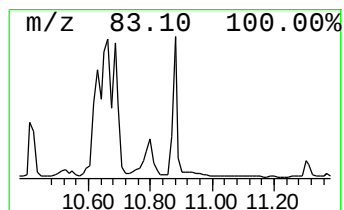
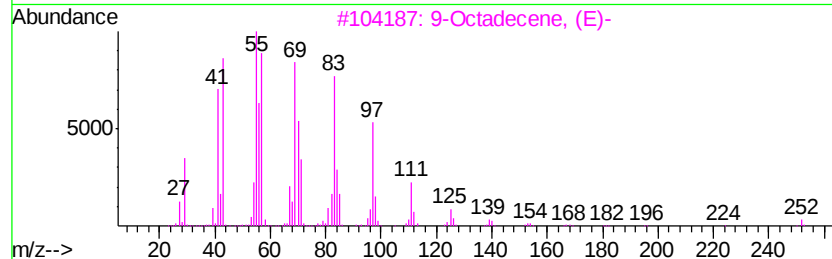
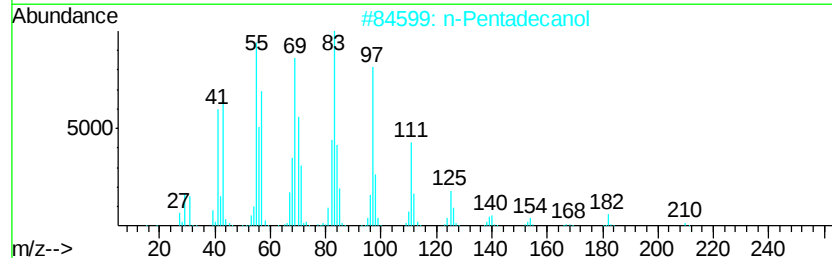
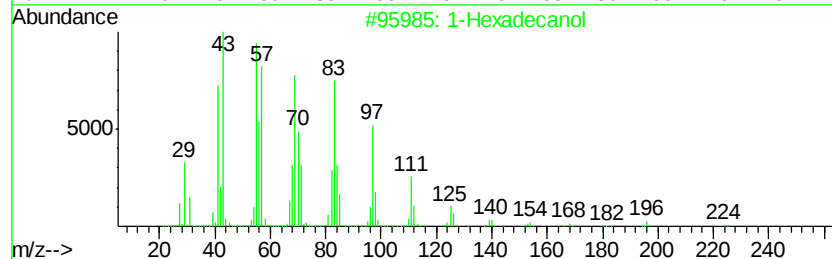
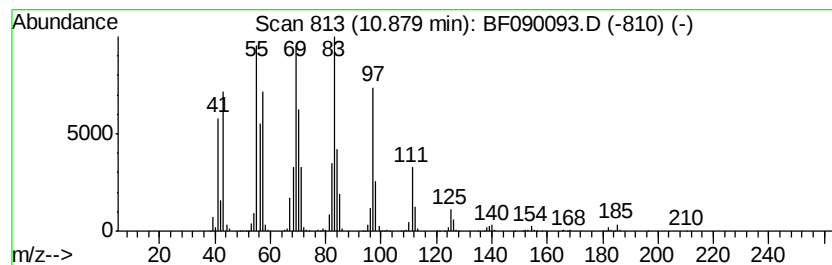
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 1-Hexadecanol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.88	51.54 ng	4220120	Phenanthrene-d10	11.05	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecanol	242	C16H34O	036653-82-4	91
2	n-Pentadecanol	228	C15H32O	000629-76-5	91
3	9-Octadecene, (E)-	252	C18H36	007206-25-9	91
4	n-Tridecan-1-ol	200	C13H28O	000112-70-9	91
5	5-Octadecene, (E)-	252	C18H36	007206-21-5	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091516\
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Acq On : 15 Sep 2016 15:54
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Sample : H4716-02
Misc :
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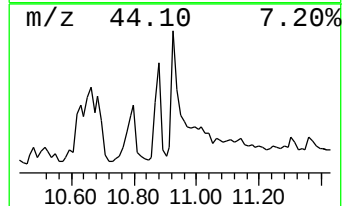
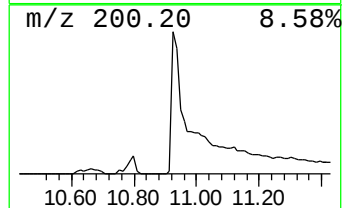
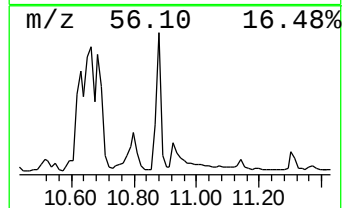
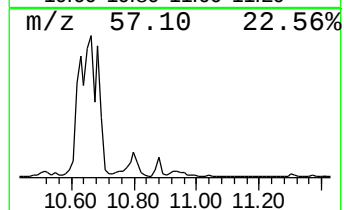
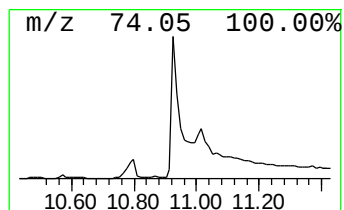
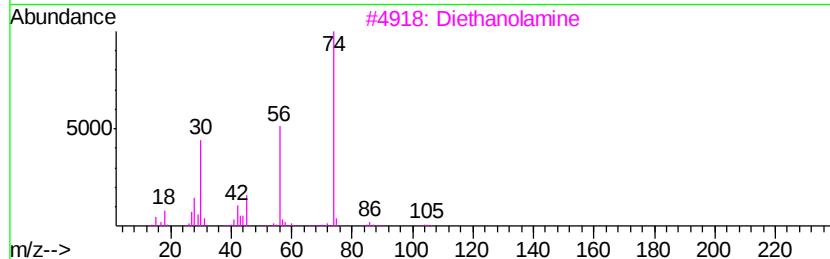
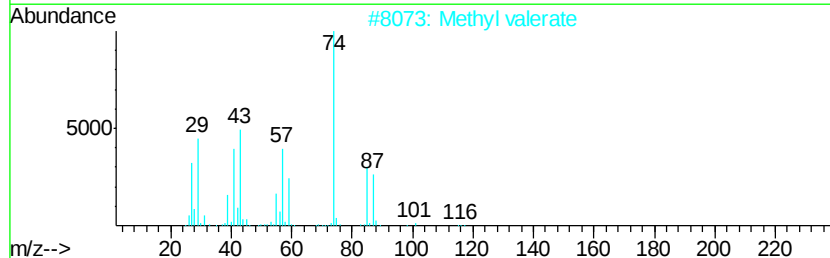
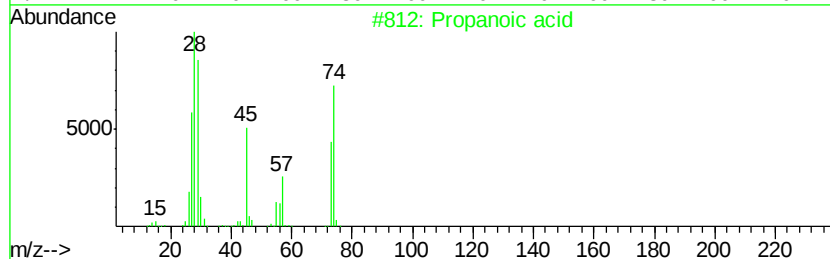
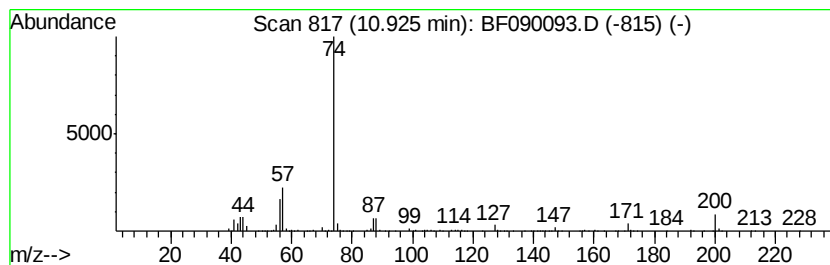
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown10.93 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.93	21.42 ng	1753910	Phenanthrene-d10	11.05
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Propanoic acid	74 C3H6O2	000079-09-4	45
2	Methyl valerate	116 C6H12O2	000624-24-8	9
3	Diethanolamine	105 C4H11NO2	000111-42-2	9
4	Methyl isovalerate	116 C6H12O2	000556-24-1	9
5	Urea, methyl-	74 C2H6N2O	000598-50-5	7



Data Path : Z:\HPCHEM1\BNA F\DATA\BF091516\
Data File : BF090093.D
Acq On : 15 Sep 2016 15:54
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Sample : H4716-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

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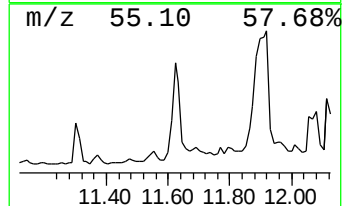
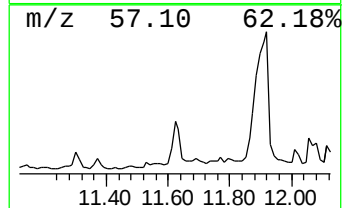
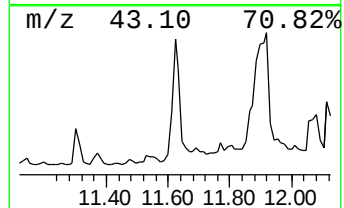
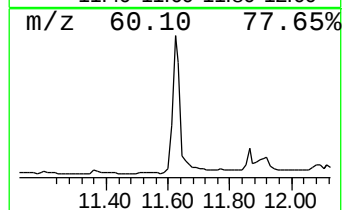
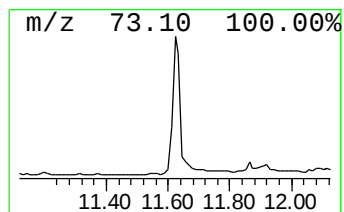
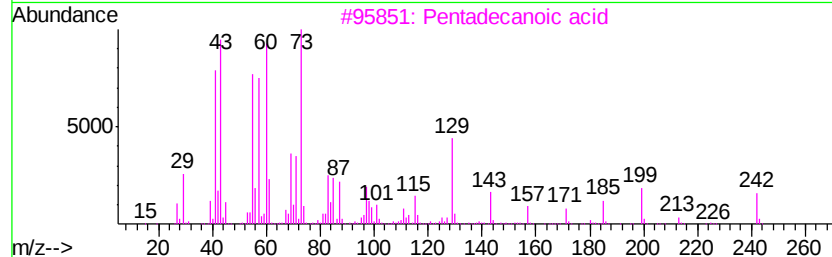
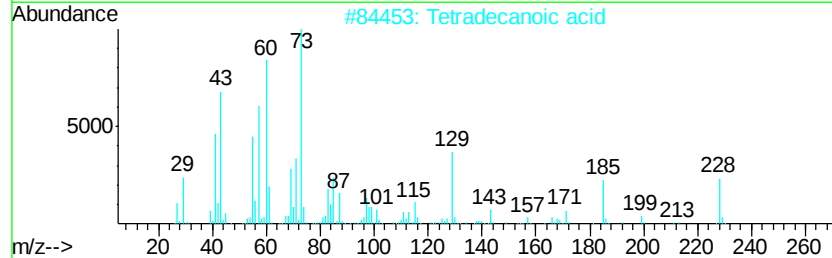
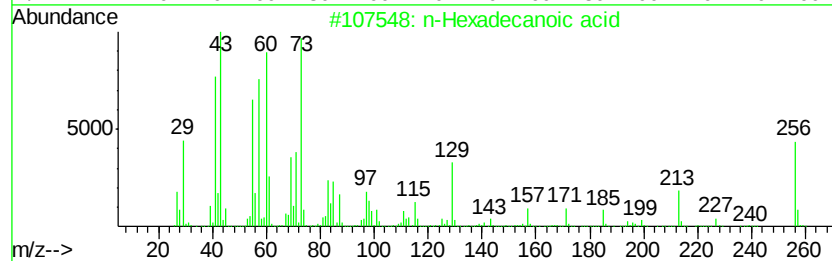
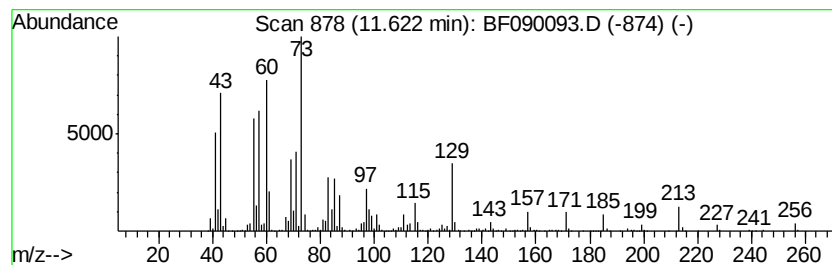
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 n-Hexadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.62	38.37 ng	3141640	Phenanthrene-d10	11.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	80
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	68
4		Tridecanoic acid	214	C13H26O2	000638-53-9	64
5		Estra-1,3,5(10)-trien-17.beta.-ol	256	C18H24O	002529-64-8	25



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ALS Vial : 19 Sample Multiplier: 1

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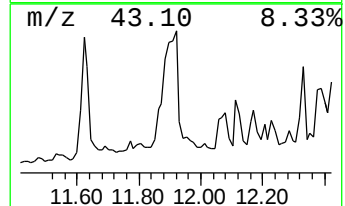
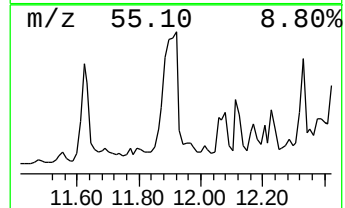
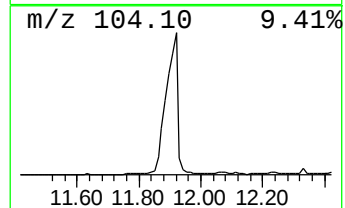
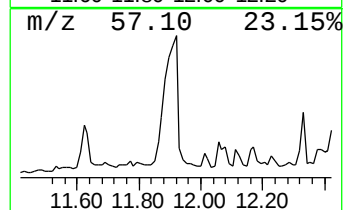
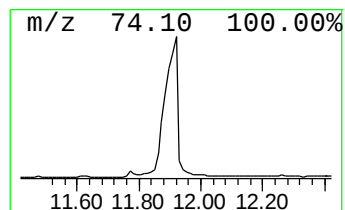
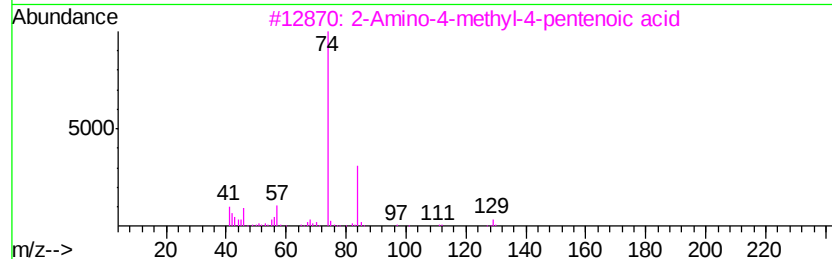
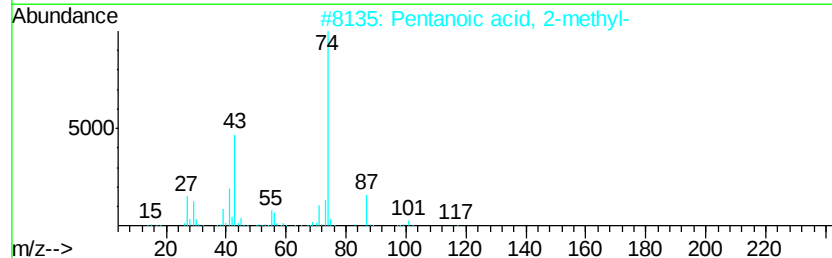
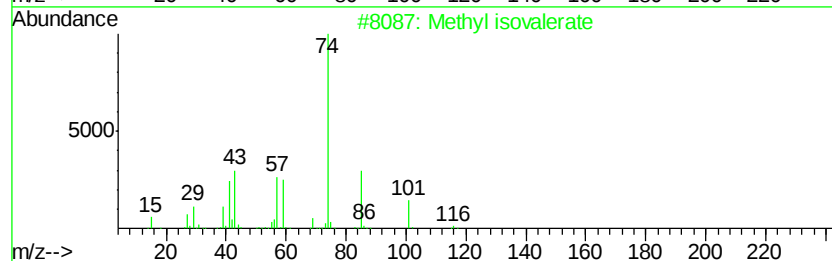
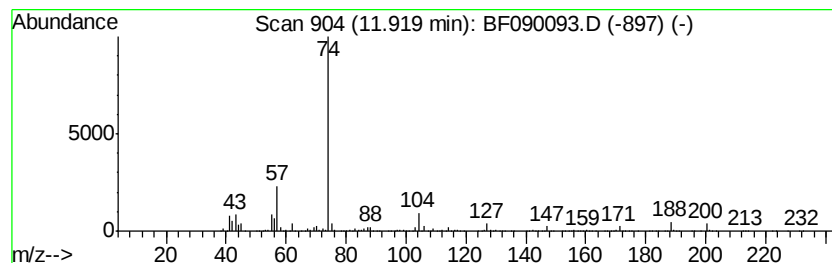
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown11.92 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	133.31 ng	10915300	Phenanthrene-d10	11.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Methyl isovalerate	116	C6H12O2	000556-24-1	33
2		Pentanoic acid, 2-methyl-	116	C6H12O2	000097-61-0	33
3		2-Amino-4-methyl-4-pentenoic acid	129	C6H11NO2	1000133-00-5	33
4		Methyl valerate	116	C6H12O2	000624-24-8	9
5		Undecanoic acid, methyl ester	200	C12H24O2	001731-86-8	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091516\
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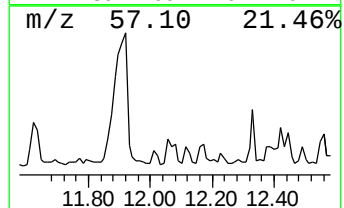
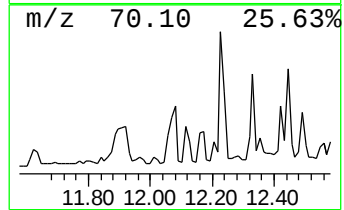
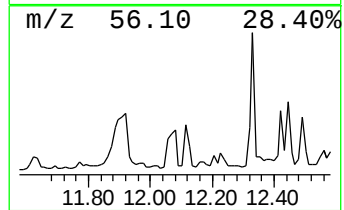
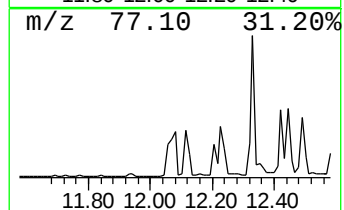
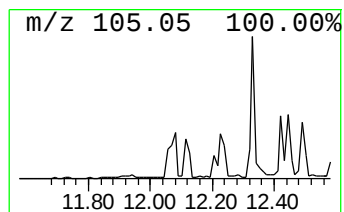
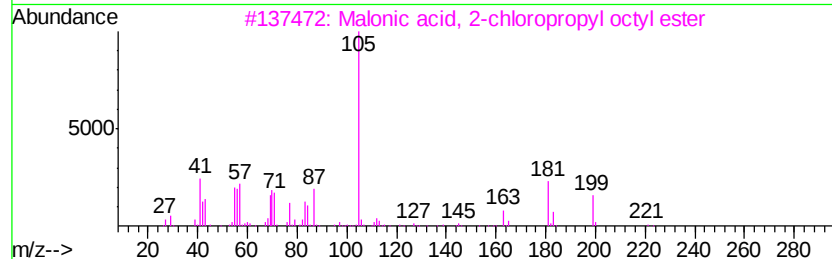
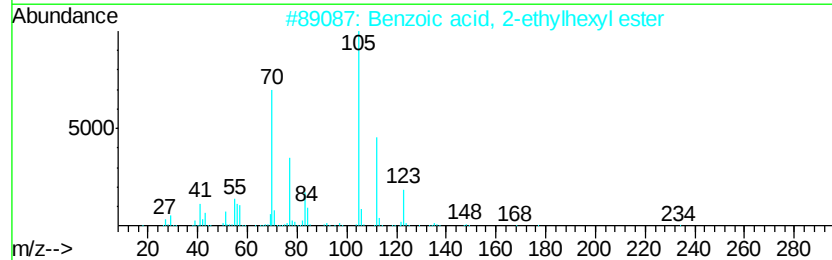
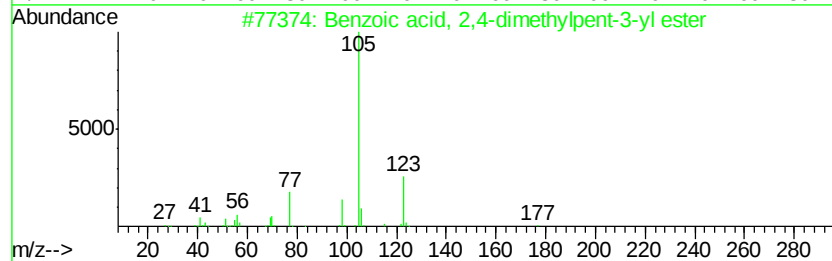
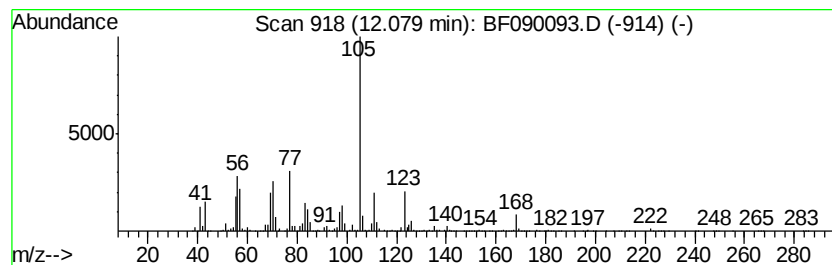
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 unknown12.08 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.08	27.41 ng	2244470	Phenanthrene-d10	11.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzoic acid, 2,4-dimethylpent-3...	220	C14H20O2	1000368-26-3	47
2		Benzoic acid, 2-ethylhexyl ester	234	C15H22O2	005444-75-7	37
3		Malonic acid, 2-chloropropyl oct...	292	C14H25ClO4	1000349-03-0	32
4		Benzoic acid, dec-2-yl ester	262	C17H26O2	1000367-89-7	32
5		Benzoic acid 2-methylpentyl ester	206	C13H18O2	059736-57-1	32



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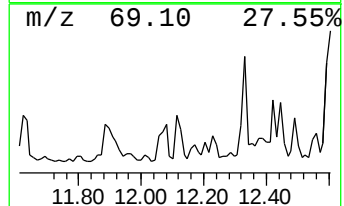
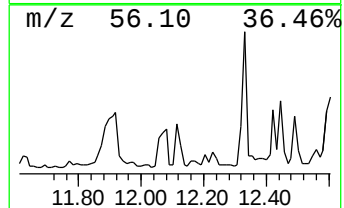
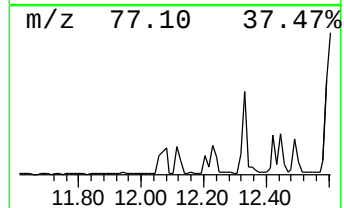
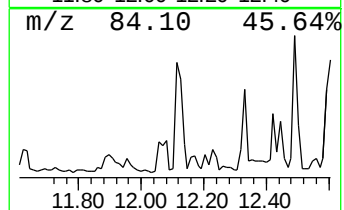
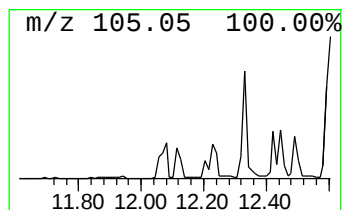
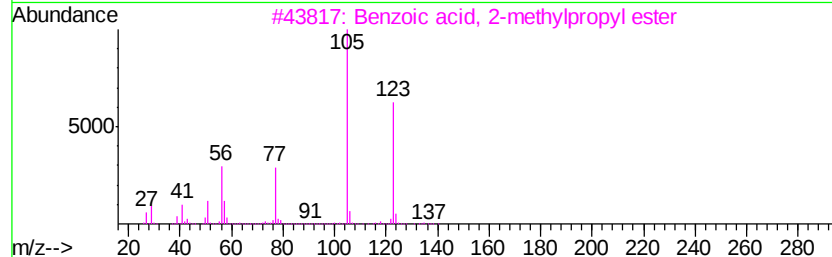
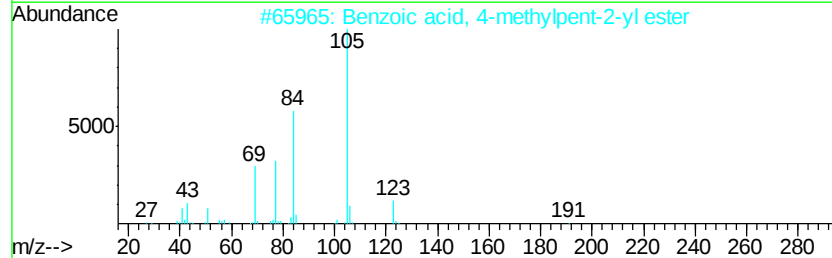
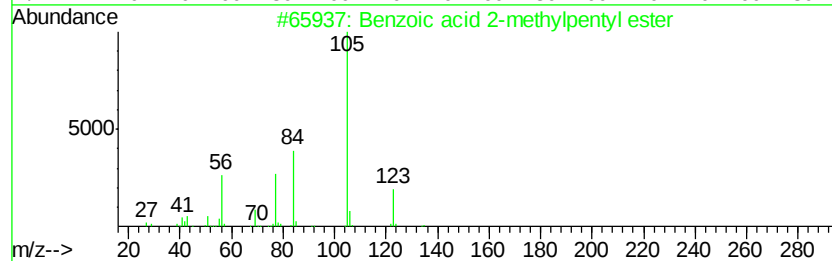
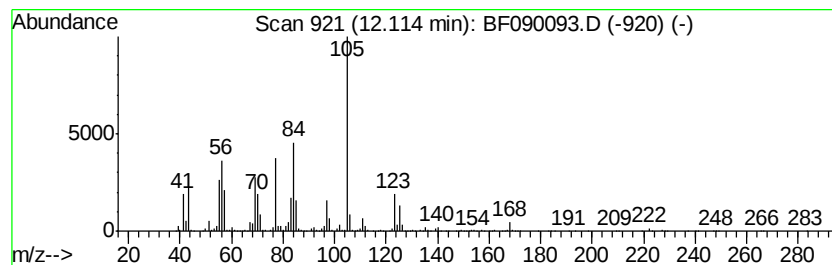
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Benzoic acid 2-methylpentyl... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	18.92 ng	1548860	Phenanthrene-d10	11.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzoic acid 2-methylpentyl ester	206	C13H18O2	059736-57-1	59
2		Benzoic acid, 4-methylpent-2-yl ...	206	C13H18O2	1000367-94-2	50
3		Benzoic acid, 2-methylpropyl ester	178	C11H14O2	000120-50-3	38
4		Benzoic acid, hex-2-yl ester	206	C13H18O2	1000368-22-0	38
5		Benzoic acid, 1-methylpropyl ester	178	C11H14O2	003306-36-3	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF091516\
Data File : BF090093.D
Acq On : 15 Sep 2016 15:54
Operator : UM/SJ
Sample : H4716-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

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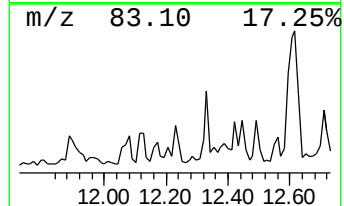
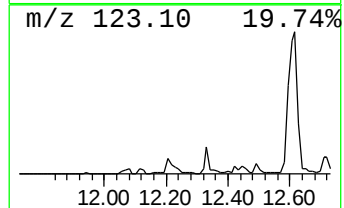
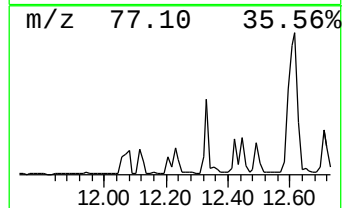
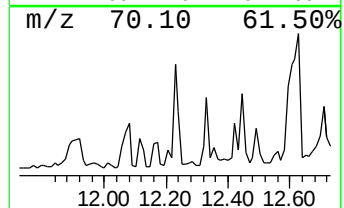
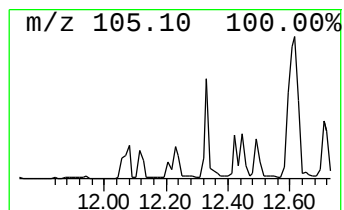
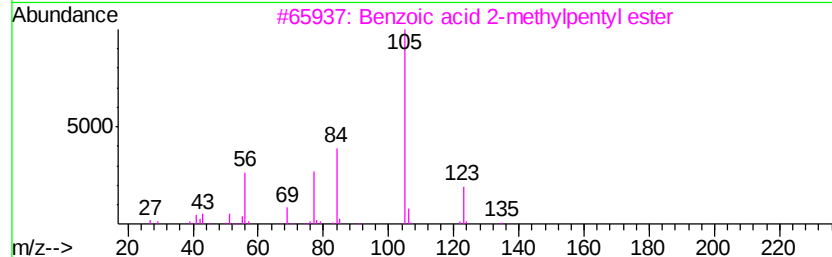
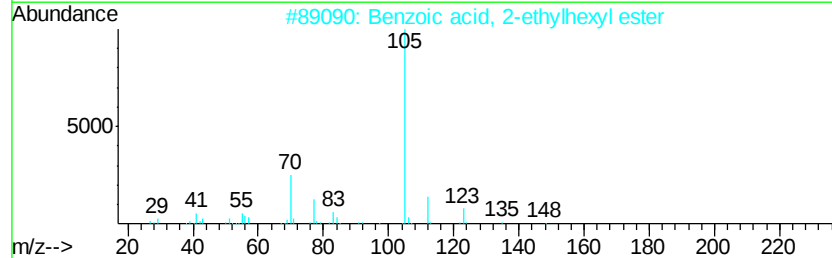
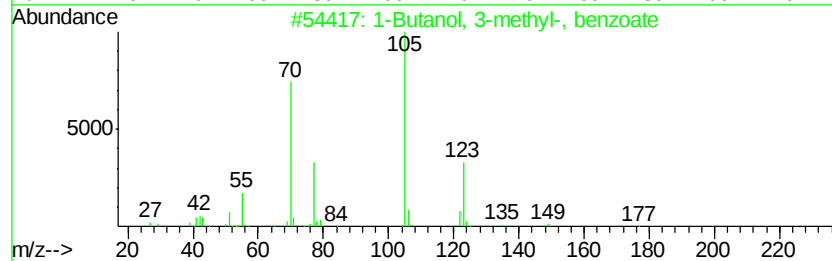
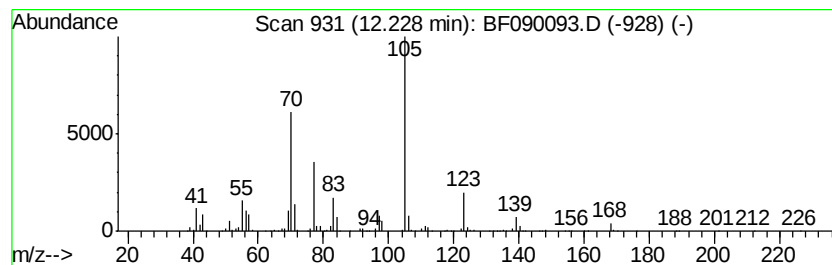
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 1-Butanol, 3-methyl-, benzoate Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.23	23.81 ng	1949240	Phenanthrene-d10	11.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Butanol, 3-methyl-, benzoate	192	C12H16O2	000094-46-2	64
2		Benzoic acid, 2-ethylhexyl ester	234	C15H22O2	005444-75-7	53
3		Benzoic acid 2-methylpentyl ester	206	C13H18O2	059736-57-1	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\BF091516\
Data File : BF090093.D
Acq On : 15 Sep 2016 15:54
Operator : UM/SJ
Sample : H4716-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

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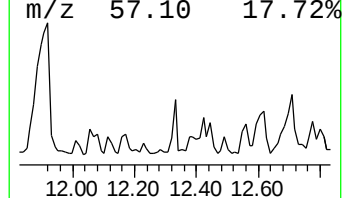
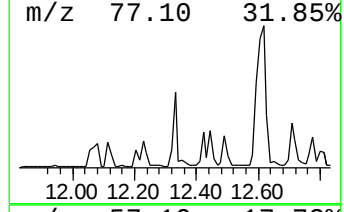
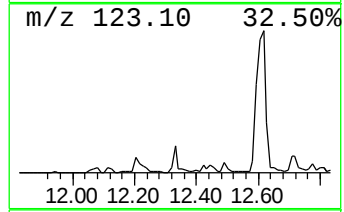
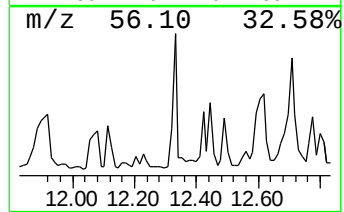
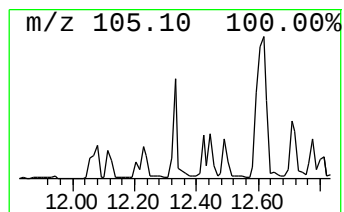
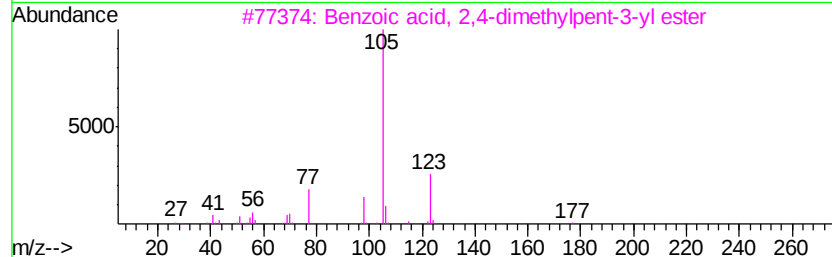
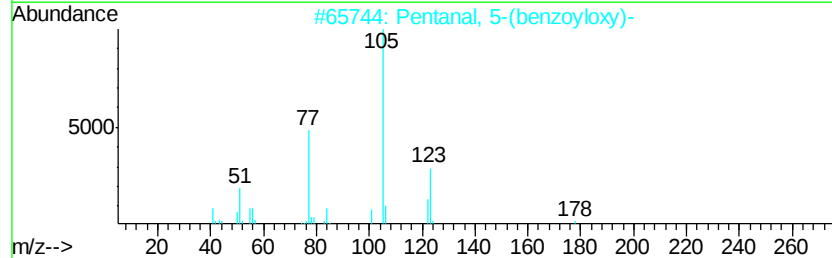
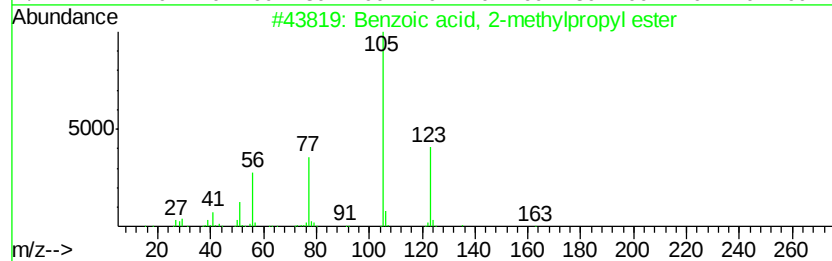
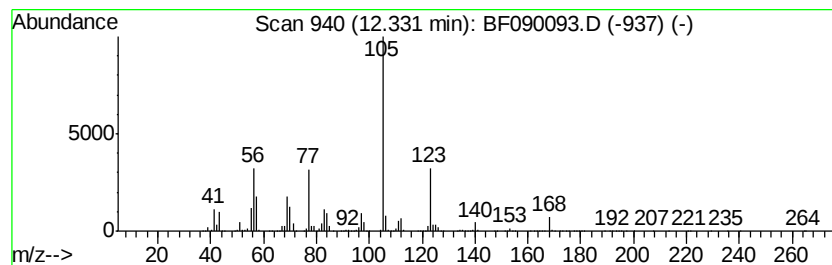
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Benzoic acid, 2-methylpropy... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	38.26 ng	3132760	Phenanthrene-d10	11.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzoic acid, 2-methylpropyl ester	178	C11H14O2	000120-50-3	50
2		Pentanal, 5-(benzoyloxy)-	206	C12H14O3	055162-83-9	47
3		Benzoic acid, 2,4-dimethylpent-3-yl ester	220	C14H20O2	1000368-26-3	43
4		Benzoic acid, hept-3-yl ester	220	C14H20O2	1000368-76-7	43
5		Benzoic acid 2-methylpentyl ester	206	C13H18O2	059736-57-1	40



Data Path : Z:\HPCHEM1\BNA F\DATA\BF091516\
Data File : BF090093.D
Acq On : 15 Sep 2016 15:54
Operator : UM/SJ
Sample : H4716-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

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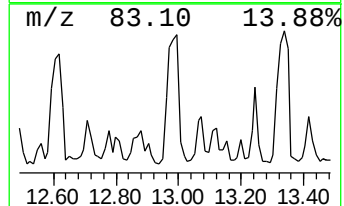
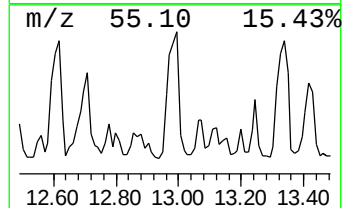
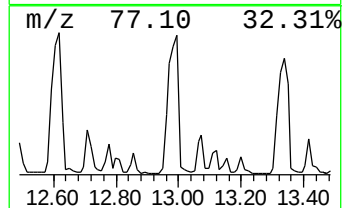
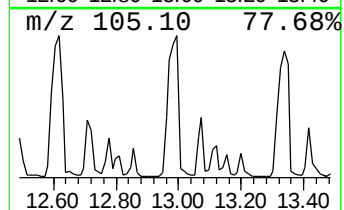
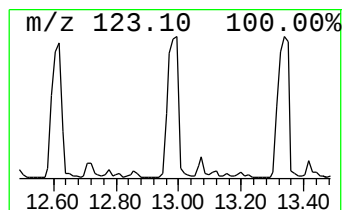
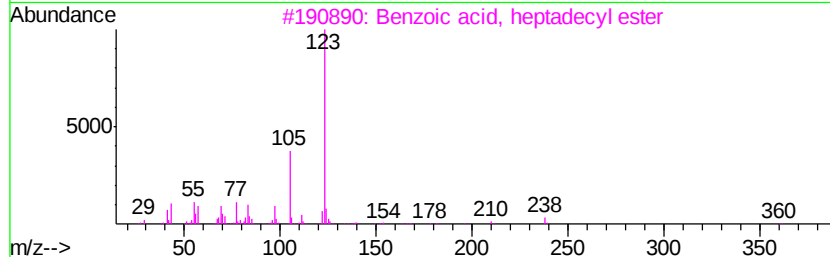
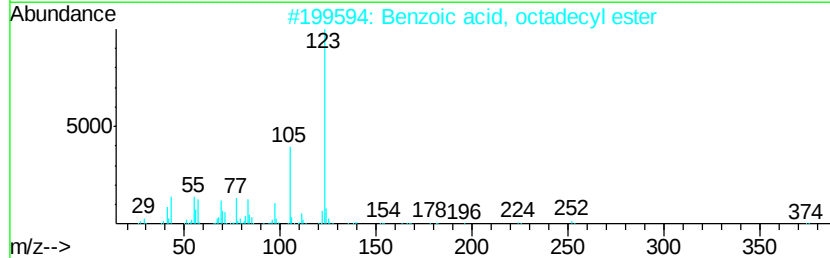
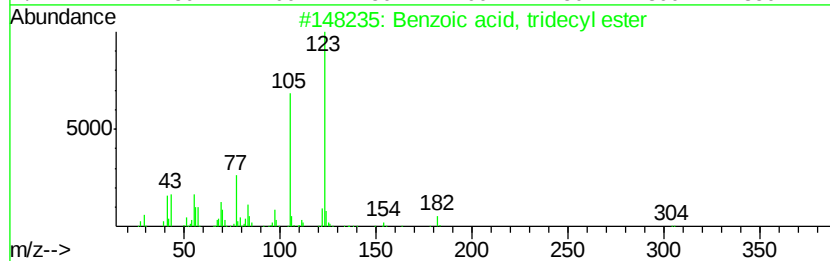
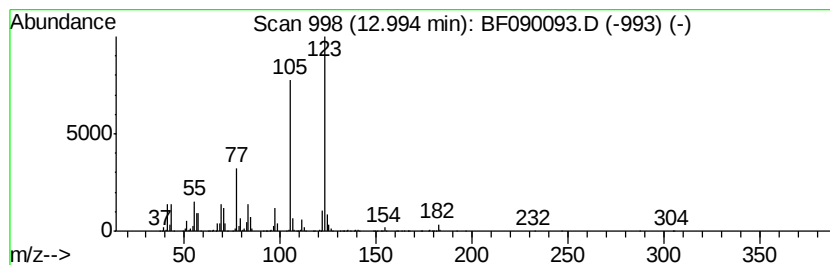
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Benzoic acid, tridecyl ester Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.99	24.75 ng	13943000	Chrysene-d12	13.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzoic acid, tridecyl ester	304	C20H32O2	1000340-22-6	91
2		Benzoic acid, octadecyl ester	374	C25H42O2	1000340-23-1	87
3		Benzoic acid, heptadecyl ester	360	C24H40O2	1000340-23-0	86
4		Benzoic acid, undecyl ester	276	C18H28O2	006316-30-9	86
5		Benzoic acid, octyl ester	234	C15H22O2	000094-50-8	80



Data Path : Z:\HPCHEM1\BNA F\DATA\BF091516\
Data File : BF090093.D
Acq On : 15 Sep 2016 15:54
Operator : UM/SJ
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Misc :
ALS Vial : 19 Sample Multiplier: 1

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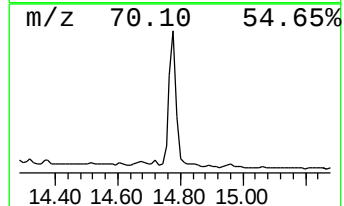
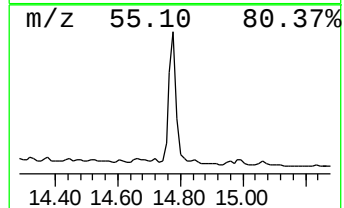
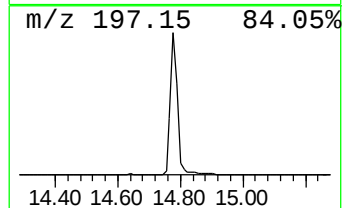
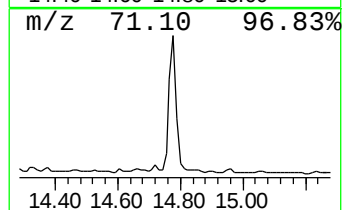
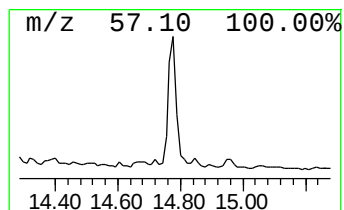
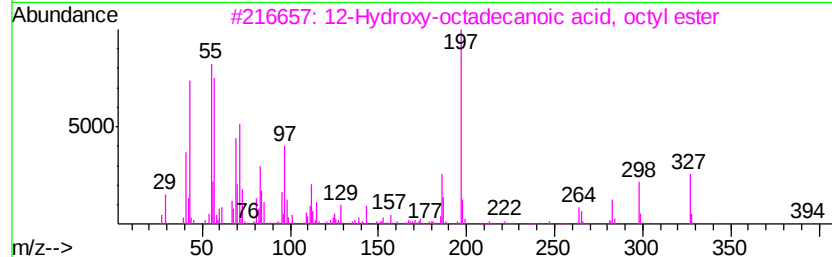
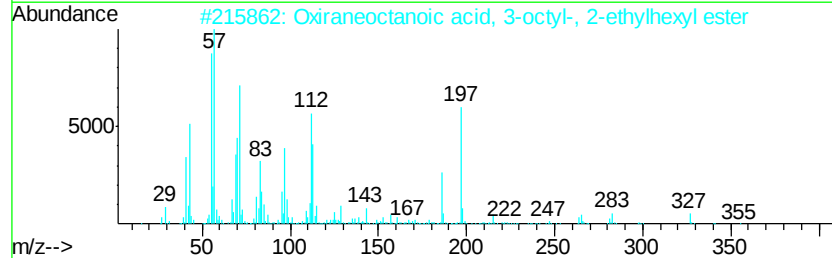
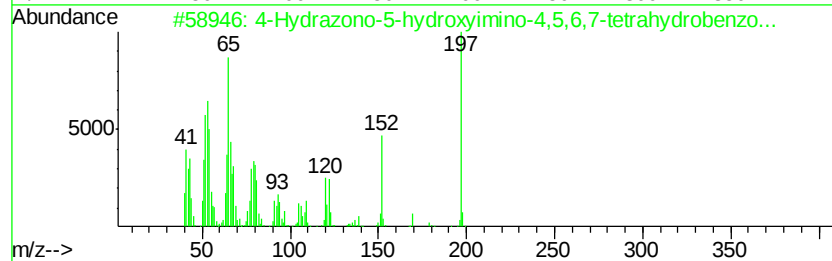
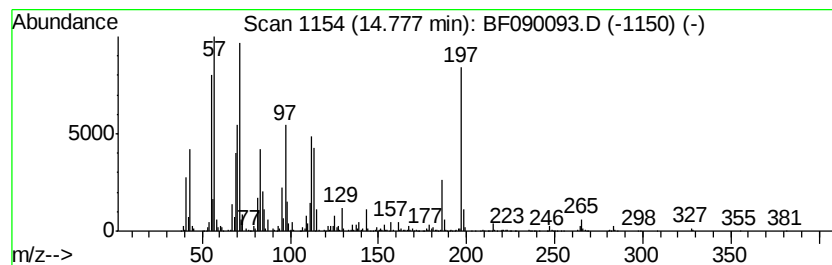
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 4-Hydrazono-5-hydroxyimino-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.78	99.39 ng	5882370	Perylene-d12	14.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Hvdrazono-5-hvdroxvimino-4,5,6...	197	C6H7N5O3	303194-86-7	90
2		Oxiraneoctanoic acid, 3-octyl-, ...	410	C26H50O3	000141-38-8	58
3		12-Hydroxy-octadecanoic acid, oc...	412	C26H52O3	074819-90-2	53
4		Isobutyl octan-2-yl carbonate	230	C13H26O3	1000372-74-7	27
5		Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	22



Data Path : Z:\HPCHEM1\BNA F\DATA\BF091516\
Data File : BF090093.D
Acq On : 15 Sep 2016 15:54
Operator : UM/SJ
Sample : H4716-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

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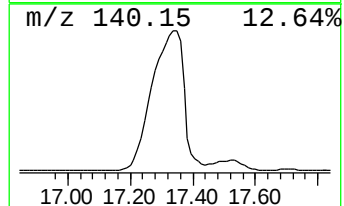
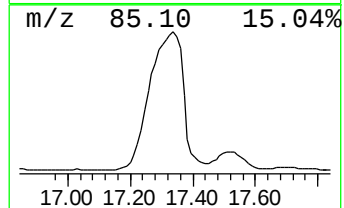
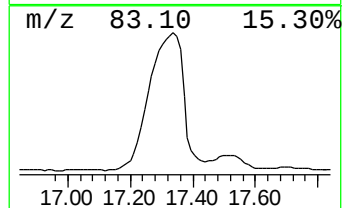
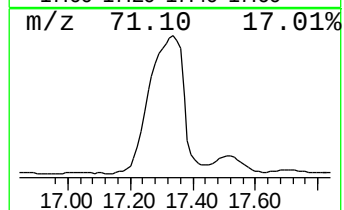
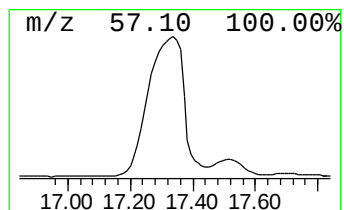
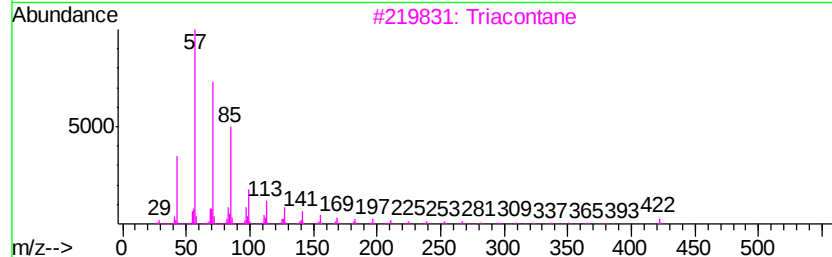
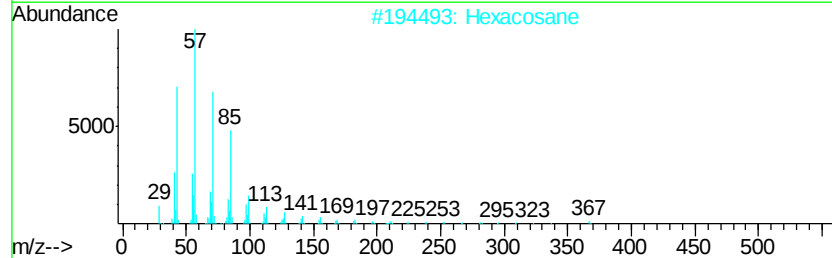
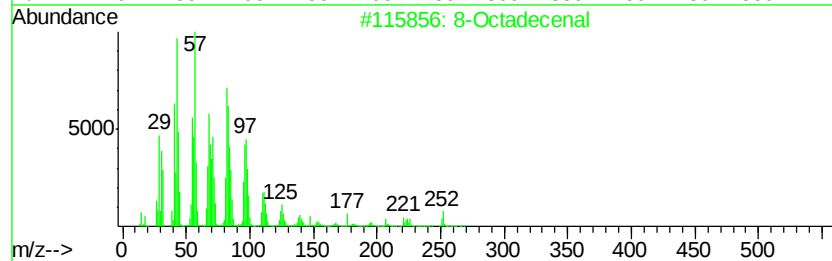
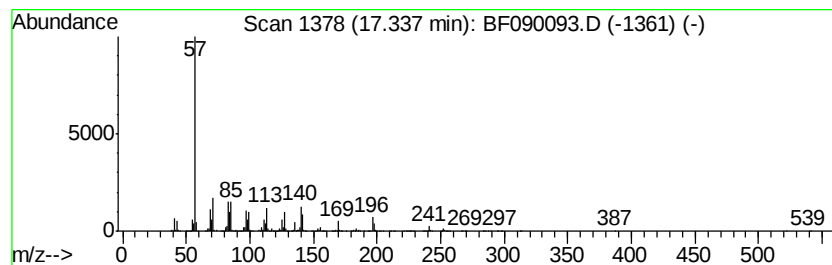
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 8-Octadecenal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.34	605.55 ng	35838900	Perylene-d12	14.99

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-Octadecenal		266	C18H34O	056554-94-0	70
2	Hexacosane		366	C26H54	000630-01-3	50
3	Triacontane		422	C30H62	000638-68-6	47
4	Nonane, 2,2,4,4,6,8,8-heptamethyl-		226	C16H34	004390-04-9	43
5	1-Decanol, 2-hexyl-		242	C16H34O	002425-77-6	43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF091516\
Data File : BF090093.D
Acq On : 15 Sep 2016 15:54
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Sample : H4716-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

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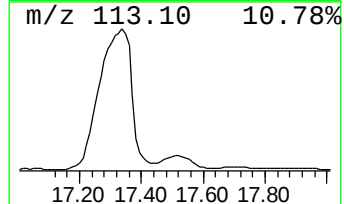
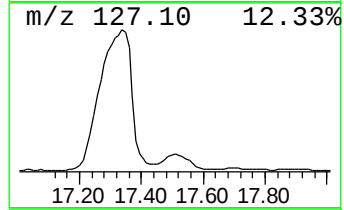
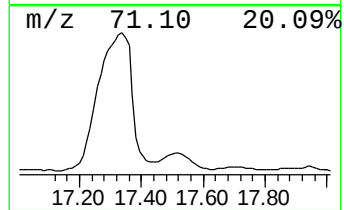
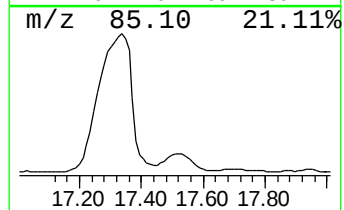
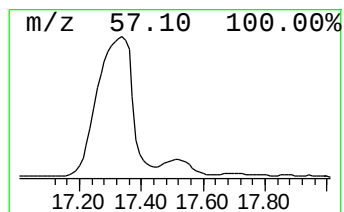
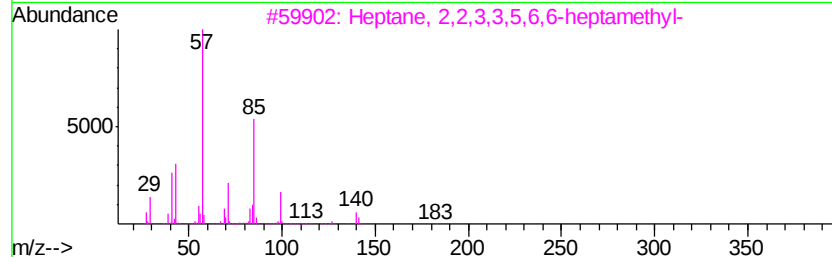
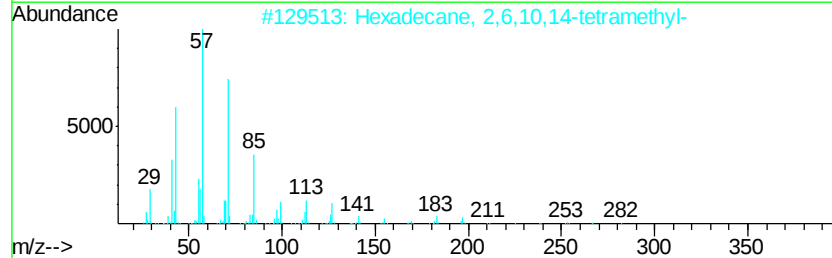
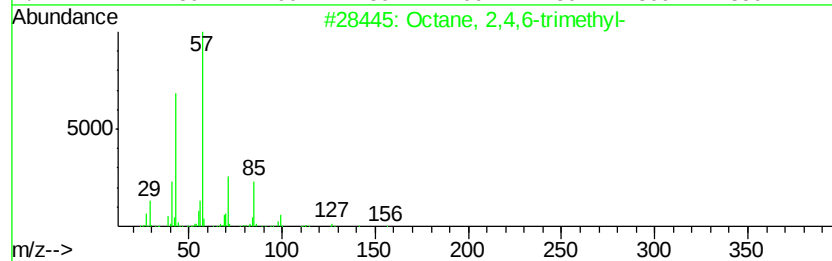
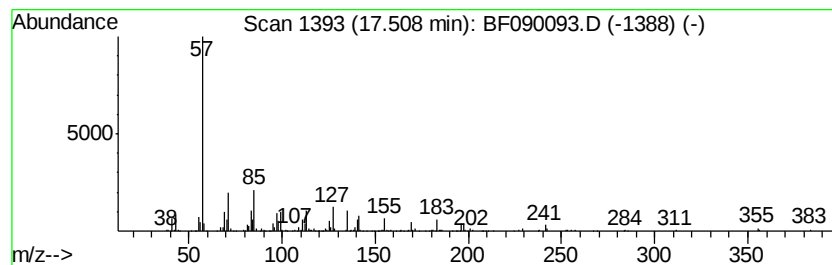
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Octane, 2,4,6-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.51	53.63 ng	3174070	Perylene-d12	14.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	50
2		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	38
3		Heptane, 2,2,3,3,5,6,6-heptamethyl-	198	C14H30	007225-67-4	38
4		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	38
5		Nonadecane, 9-methyl-	282	C20H42	013287-24-6	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091516\
 Data File : BF090093.D
 Acq On : 15 Sep 2016 15:54
 Operator : UM/SJ
 Sample : H4716-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
1-Hexanol, 2-ethyl-	6.68	56.6	ng	22067500	1	6.55	7800850	20.0
Hexanoic acid, 2-...	7.53	19.1	ng	13713000	2	7.84	14352700	20.0
Dodecanoic acid	9.93	111.9	ng	17630500	3	9.59	3151790	20.0
1-Octanol, 5,7,7-...	10.63	83.8	ng	6858300	4	11.05	1637560	20.0
Tetradecanoic acid	10.80	77.6	ng	6351550	4	11.05	1637560	20.0
1-Hexadecanol	10.88	51.5	ng	4220120	4	11.05	1637560	20.0
unknown10.93	10.93	21.4	ng	1753910	4	11.05	1637560	20.0
n-Hexadecanoic acid	11.62	38.4	ng	3141640	4	11.05	1637560	20.0
unknown11.92	11.92	133.3	ng	10915300	4	11.05	1637560	20.0
unknown12.08	12.08	27.4	ng	2244470	4	11.05	1637560	20.0
Benzoic acid 2-me...	12.11	18.9	ng	1548860	4	11.05	1637560	20.0
1-Butanol, 3-meth...	12.23	23.8	ng	1949240	4	11.05	1637560	20.0
Benzoic acid, 2-m...	12.33	38.3	ng	3132760	4	11.05	1637560	20.0
Benzoic acid, tri...	12.99	24.8	ng	13943000	5	13.67	11267600	20.0
4-Hydrazono-5-hyd...	14.78	99.4	ng	5882370	6	14.99	1183690	20.0
8-Octadecenal	17.34	605.5	ng	35838900	6	14.99	1183690	20.0
Octane, 2,4,6-tri...	17.51	53.6	ng	3174070	6	14.99	1183690	20.0