

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122216\
 Data File : BF091883.D
 Acq On : 22 Dec 2016 13:57
 Operator : UM/SJ
 Sample : H6200-04 20X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WASTE-WATER-COMP

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-BF122116.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	6.053	344	347	355	rVB3	324168	818467	1.11%	0.170%
2	6.179	355	358	363	rBV3	289888	874940	1.18%	0.182%
3	6.270	363	366	370	rVB3	929908	2129288	2.88%	0.442%
4	6.339	370	372	375	rBV2	795339	977533	1.32%	0.203%
5	6.487	382	385	389	rBV3	416306	983217	1.33%	0.204%
6	6.590	389	394	397	rVB2	4172305	6108819	8.25%	1.269%
7	6.704	400	404	406	rBV3	331725	928311	1.25%	0.193%
8	6.750	406	408	412	rVB2	2255369	3786388	5.12%	0.787%
9	6.807	412	413	415	rBV	957245	1200119	1.62%	0.249%
10	6.910	420	422	426	rVB3	1311238	2750670	3.72%	0.572%
11	7.002	426	430	431	rBV2	608852	1321284	1.79%	0.275%
12	7.036	431	433	434	rBV	1805997	1625159	2.20%	0.338%
13	7.070	434	436	438	rBV2	1583339	2201795	2.98%	0.457%
14	7.104	438	439	441	rVB	1727816	1380549	1.87%	0.287%
15	7.150	441	443	445	rBV	2917863	3395122	4.59%	0.705%
16	7.253	448	452	453	rBV	705272	1901375	2.57%	0.395%
17	7.299	453	456	457	rBV	1648140	2908354	3.93%	0.604%
18	7.367	459	462	463	rVB	7966356	8990721	12.15%	1.868%
19	7.413	463	466	467	rVB2	1368611	2012289	2.72%	0.418%
20	7.482	467	472	473	rBV3	1707676	4307893	5.82%	0.895%
21	7.562	473	479	481	rBV3	3499152	8355272	11.29%	1.736%
22	7.607	481	483	484	rVB	2290892	3052771	4.13%	0.634%
23	7.676	484	489	490	rBV2	2880756	7183391	9.71%	1.493%
24	7.733	490	494	495	rVV3	3161395	7743886	10.46%	1.609%
25	7.767	495	497	498	rVV	4778680	8110911	10.96%	1.685%
26	7.802	498	500	502	rVV2	5636204	12957131	17.51%	2.692%
27	7.882	502	507	508	rVV4	6619591	23680092	32.00%	4.920%
28	7.950	511	513	514	rVB	874396	936819	1.27%	0.195%
29	8.042	514	521	522	rBV2	10838694	19289887	26.07%	4.008%
30	8.110	525	527	533	rVB	3213896	7730384	10.45%	1.606%
31	8.350	533	548	549	rBV	12450106	74002753	100.00%	15.376%
32	8.419	552	554	555	rBV2	2334041	3646709	4.93%	0.758%
33	8.453	555	557	558	rVB2	5365859	6241809	8.43%	1.297%
34	8.487	558	560	561	rBV	4079134	4303685	5.82%	0.894%

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
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35	8.556	564	566	568	rVB3	2499232	3381450	4.57%	0.703%
36	8.590	568	569	571	rBV2	849454	1100147	1.49%	0.229%
37	8.659	571	575	576	rBV	7678184	13082273	17.68%	2.718%
38	8.716	576	580	581	rBV3	1458101	2525207	3.41%	0.525%
39	8.807	586	588	589	rBV2	1126444	1544585	2.09%	0.321%
40	8.876	590	594	596	rBV4	3156635	4485393	6.06%	0.932%
41	8.922	596	598	599	rBV2	1306858	1741603	2.35%	0.362%
42	9.013	604	606	607	rVB2	2596095	3195026	4.32%	0.664%
43	9.070	607	611	615	rBV4	3957599	8044214	10.87%	1.671%
44	9.162	617	619	620	rVB2	1020425	1031293	1.39%	0.214%
45	9.219	620	624	625	rBV	9730300	15311437	20.69%	3.181%
46	9.276	625	629	632	rVB4	2229033	4460086	6.03%	0.927%
47	9.390	636	639	641	rVB4	1221698	2432223	3.29%	0.505%
48	9.482	641	647	648	rBV5	2777992	7500731	10.14%	1.558%
49	9.528	648	651	652	rBV3	4085852	5558188	7.51%	1.155%
50	9.573	654	655	657	rVB2	2868949	3739917	5.05%	0.777%
51	9.608	657	658	661	rVB3	1272508	1919290	2.59%	0.399%
52	9.745	665	670	671	rBV	9442180	12699265	17.16%	2.639%
53	9.779	671	673	676	rVV3	1680328	4103609	5.55%	0.853%
54	9.973	687	690	691	rBV	2127783	4309138	5.82%	0.895%
55	10.053	695	697	699	rVB3	2283632	3539205	4.78%	0.735%
56	10.236	710	713	715	rBV	7013620	9055626	12.24%	1.882%
57	10.453	729	732	735	rBV	4327165	7183516	9.71%	1.493%
58	10.510	735	737	738	rVB	1133235	1494694	2.02%	0.311%
59	10.533	738	739	741	rBV2	1666393	2253644	3.05%	0.468%
60	10.568	741	742	745	rVB	1835763	1698966	2.30%	0.353%
61	10.613	745	746	749	rBV3	782474	1265358	1.71%	0.263%
62	10.716	752	755	758	rVB2	7290651	13422843	18.14%	2.789%
63	10.911	769	772	775	rVB4	1709353	4027187	5.44%	0.837%
64	10.968	775	777	778	rBV	652270	834200	1.13%	0.173%
65	11.128	789	791	792	rBV	1458450	2037275	2.75%	0.423%
66	11.162	792	794	795	rVV	5702213	7121962	9.62%	1.480%
67	11.276	802	804	807	rBV	1665375	2106007	2.85%	0.438%
68	11.333	807	809	811	rVB	837759	1188929	1.61%	0.247%
69	11.459	819	820	822	rBV	1133349	986070	1.33%	0.205%
70	11.528	824	826	828	rVV	1048226	1606051	2.17%	0.334%
71	11.585	828	831	832	rVV	6457007	8010604	10.82%	1.664%

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72	11.631	832	835	837	rVB2	624105	1186903	1.60%	0.247%
73	11.745	842	845	847	rBV2	999995	2121445	2.87%	0.441%
74	11.848	852	854	859	rBV4	980030	2811658	3.80%	0.584%
75	11.985	864	866	868	rVB	5686075	5299777	7.16%	1.101%
76	12.259	888	890	894	rVB	2082127	3127134	4.23%	0.650%
77	12.374	897	900	902	rBV	4848479	5142170	6.95%	1.068%
78	12.556	914	916	917	rVB2	914295	1008307	1.36%	0.210%
79	12.636	921	923	928	rVB	2290097	3056099	4.13%	0.635%
80	12.739	931	932	934	rVB	3322179	2809551	3.80%	0.584%
81	12.854	940	942	944	rBV2	578543	882533	1.19%	0.183%
82	12.899	944	946	949	rVB	1794805	1839576	2.49%	0.382%
83	13.094	961	963	965	rBV	2419150	2324474	3.14%	0.483%
84	13.254	975	977	979	rVV	2910247	2908626	3.93%	0.604%
85	13.345	983	985	988	rVV2	743796	1317900	1.78%	0.274%
86	13.402	988	990	992	rVV	3490313	3499728	4.73%	0.727%
87	13.436	992	993	995	rVB	1558901	1197431	1.62%	0.249%
88	13.597	1005	1007	1009	rVB	1692246	2136514	2.89%	0.444%
89	13.757	1019	1021	1025	rVB2	681903	1204883	1.63%	0.250%
90	13.825	1025	1027	1030	rVV	2100172	2071623	2.80%	0.430%
91	13.894	1031	1033	1036	rVV2	3100382	4497120	6.08%	0.934%
92	14.145	1052	1055	1057	rBV	3252207	3538984	4.78%	0.735%
93	14.454	1079	1082	1084	rBV	1886772	2696240	3.64%	0.560%
94	14.659	1097	1100	1104	rBV	2059410	2317636	3.13%	0.482%
95	14.968	1125	1127	1132	rBV	2410037	3317258	4.48%	0.689%
96	15.322	1154	1158	1163	rBV2	1886777	4359266	5.89%	0.906%
97	15.597	1179	1182	1187	rBV	972859	1577004	2.13%	0.328%
98	16.031	1217	1220	1226	rBV	1270793	2275749	3.08%	0.473%
99	16.534	1261	1264	1276	rVB	714234	1811676	2.45%	0.376%
100	17.608	1354	1358	1368	rVB	368168	1108654	1.50%	0.230%

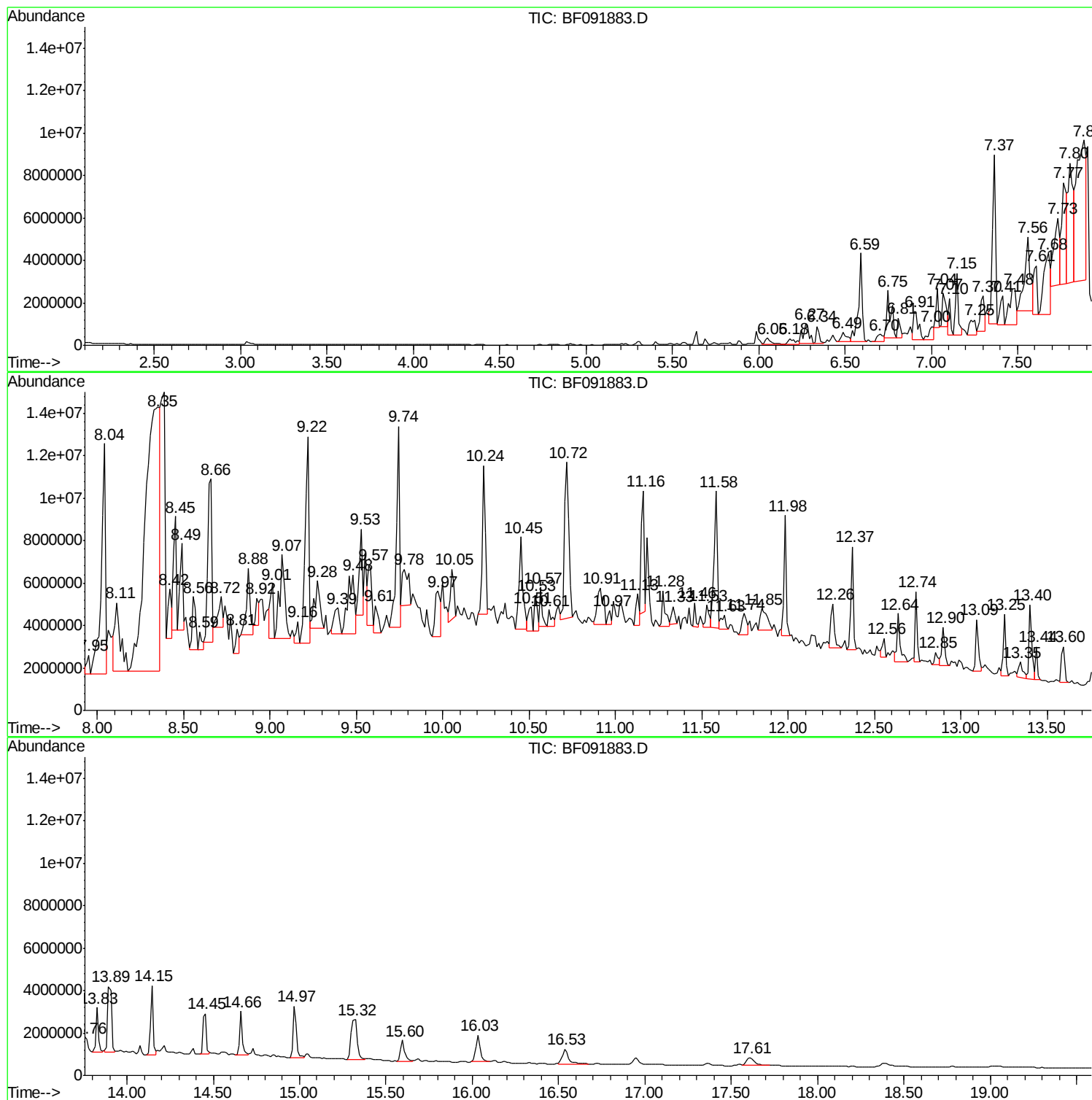
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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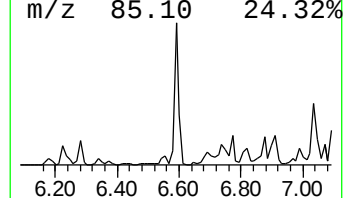
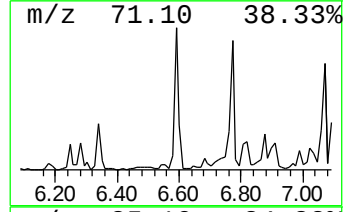
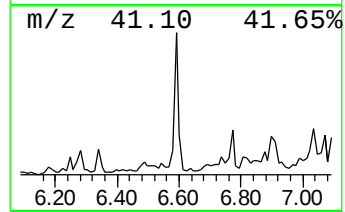
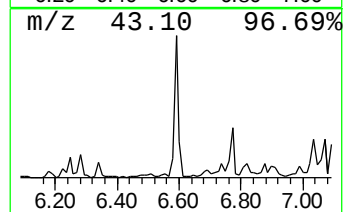
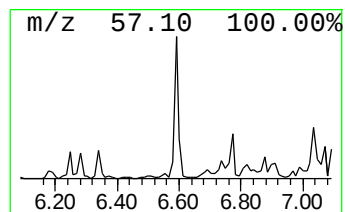
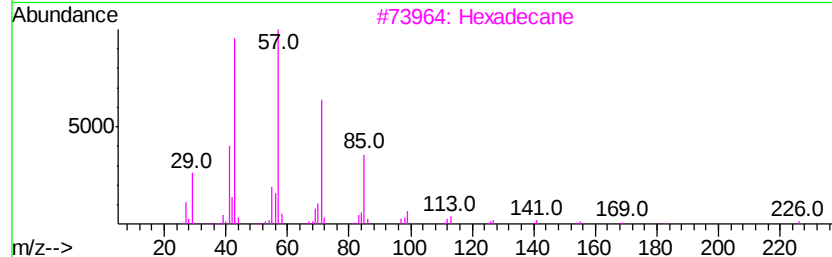
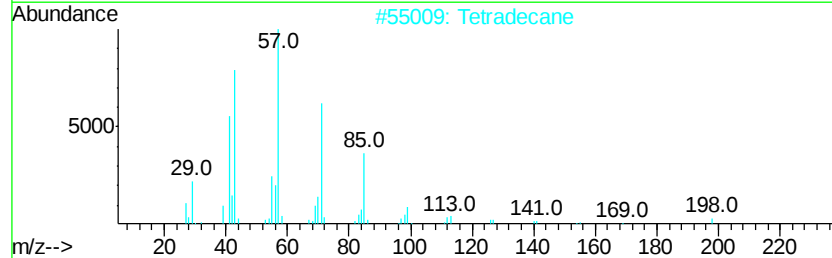
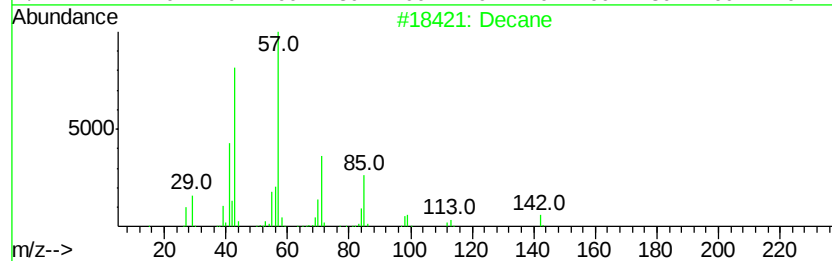
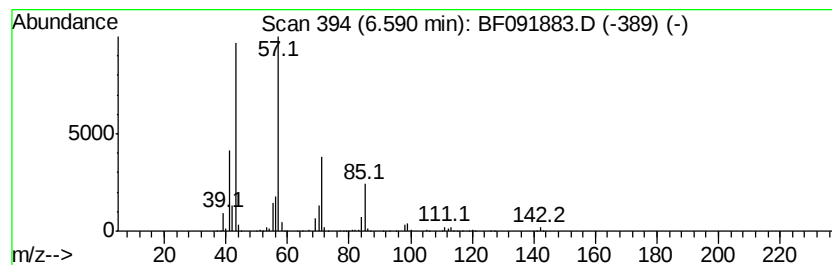
Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Decane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	32.27 ng	6108820	1,4-Dichlorobenzene-d4	6.75
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Decane		142 C10H22	000124-18-5 95
2	Tetradecane		198 C14H30	000629-59-4 90
3	Hexadecane		226 C16H34	000544-76-3 83
4	Undecane		156 C11H24	001120-21-4 78
5	Tridecane		184 C13H28	000629-50-5 78



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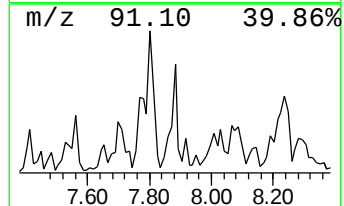
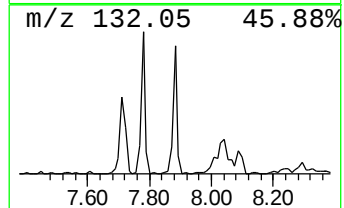
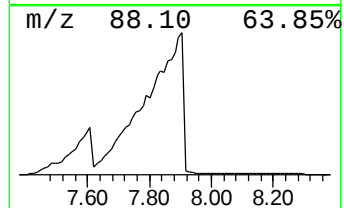
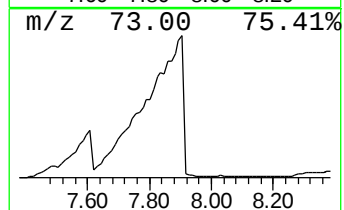
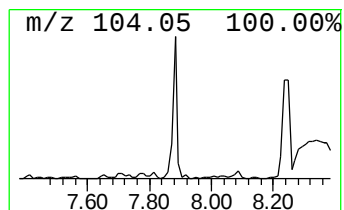
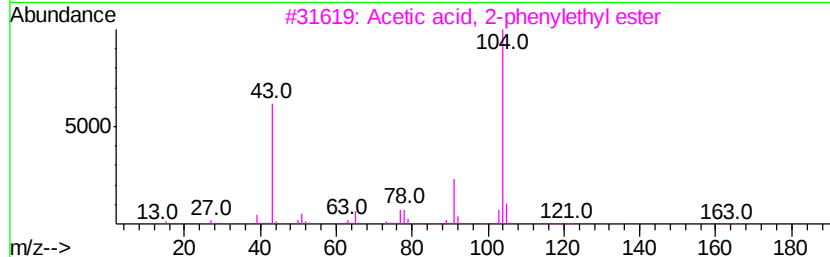
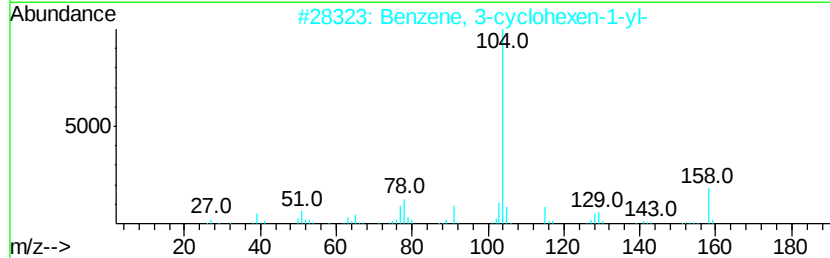
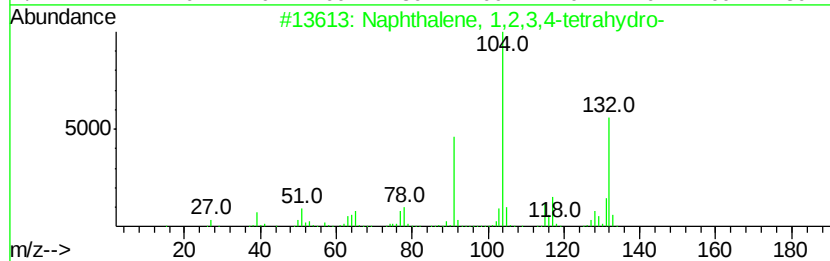
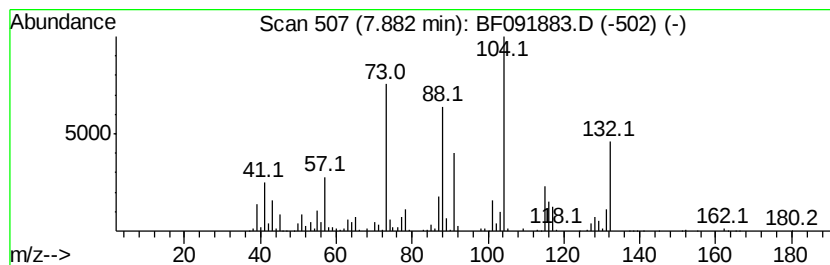
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Naphthalene, 1,2,3,4-tetrahydro... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.88	24.55 ng	23680100	Naphthalene-d8	8.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	83
2		Benzene, 3-cyclohexen-1-yl-	158	C12H14	004994-16-5	27
3		Acetic acid, 2-phenylethyl ester	164	C10H12O2	000103-45-7	22
4		Propanoic acid, 2,2-dimethyl-, 2...	206	C13H18O2	067662-96-8	22
5		Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	14



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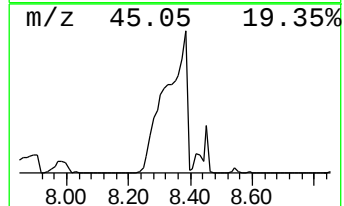
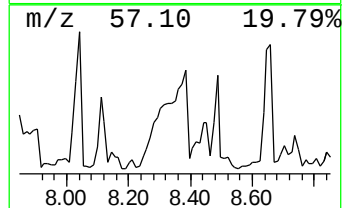
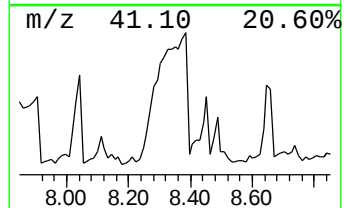
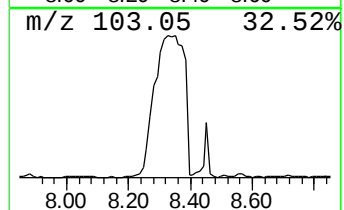
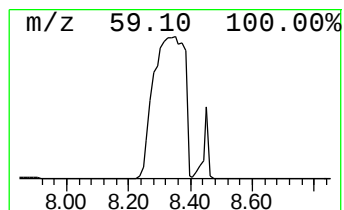
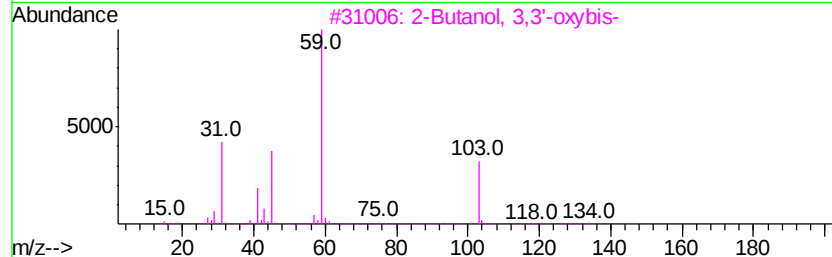
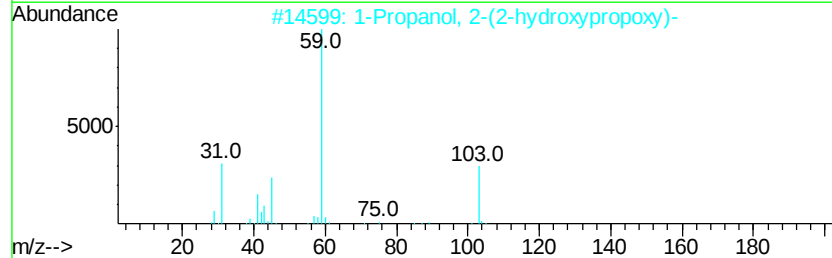
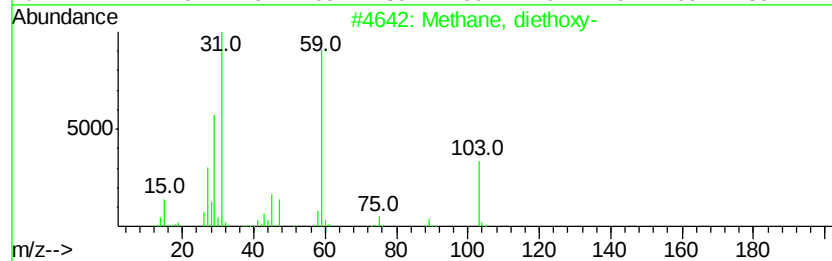
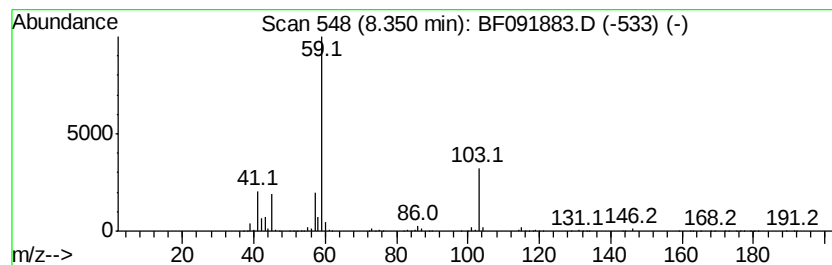
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Peak Number 3 Methane, diethoxy- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.35	76.73 ng	74002800	Naphthalene-d8	8.04
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Methane, diethoxy-	104 C5H12O2	000462-95-3 78
2		1-Propanol, 2-(2-hydroxypropoxy)-	134 C6H14O3	000106-62-7 78
3		2-Butanol, 3,3'-oxybis-	162 C8H18O3	054305-61-2 78
4		Dipropylene glycol	134 C6H14O3	025265-71-8 64
5		Hexaethylene glycol dimethyl ether	310 C14H30O7	001072-40-8 64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122216\
Data File : BF091883.D
Acq On : 22 Dec 2016 13:57
Operator : UM/SJ
Sample : H6200-04 20X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WASTE-WATER-COMP

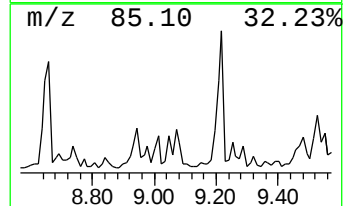
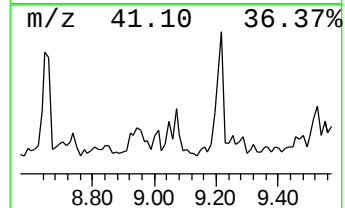
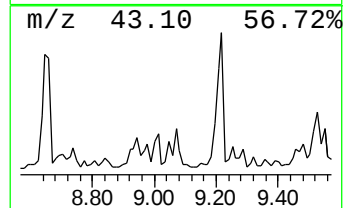
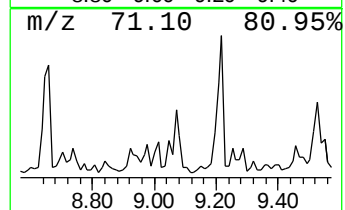
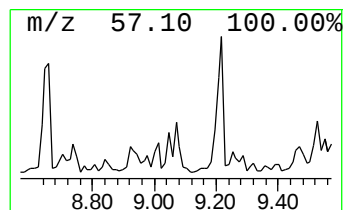
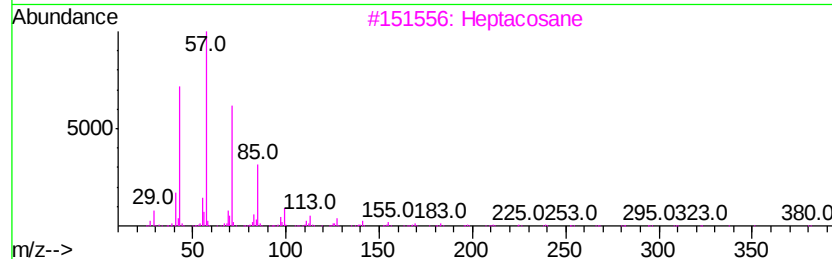
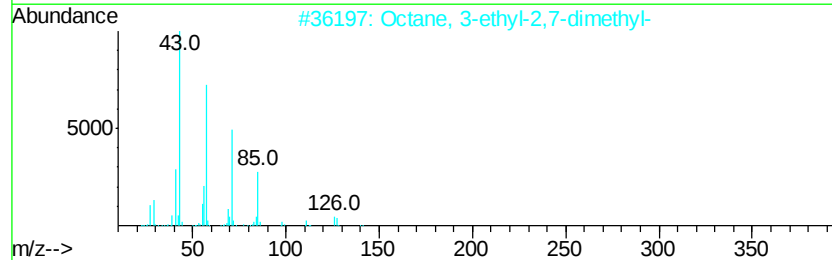
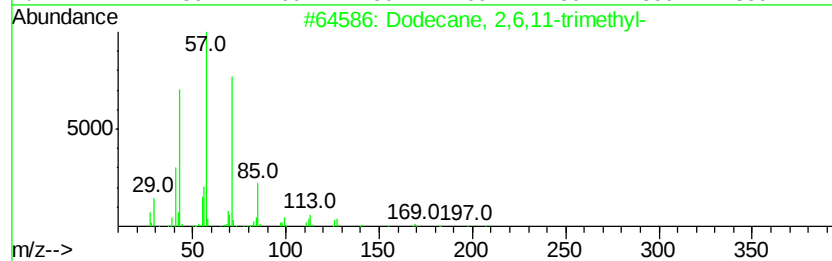
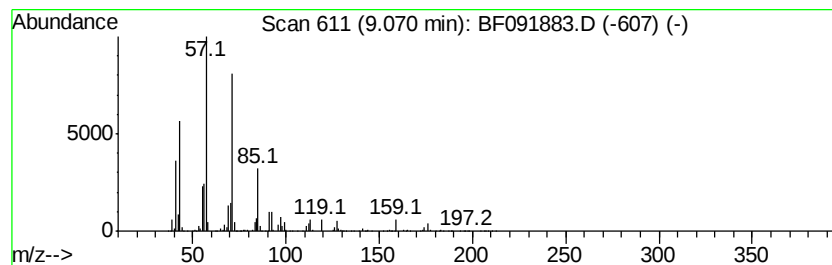
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Dodecane, 2,6,11-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.07	39.21 ng	8044210	Acenaphthene-d10	9.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	80
2		Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	64
3		Heptacosane	380	C27H56	000593-49-7	59
4		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	59
5		Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	59



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122216\
Data File : BF091883.D
Acq On : 22 Dec 2016 13:57
Operator : UM/SJ
Sample : H6200-04 20X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WASTE-WATER-COMP

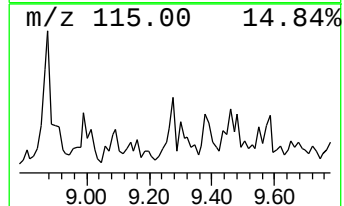
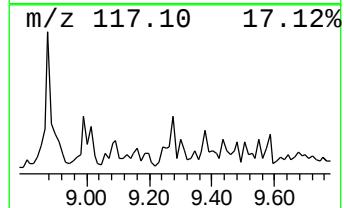
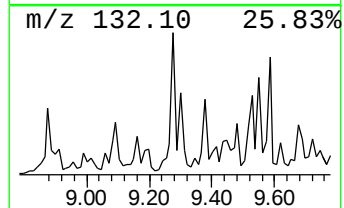
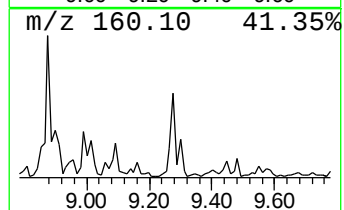
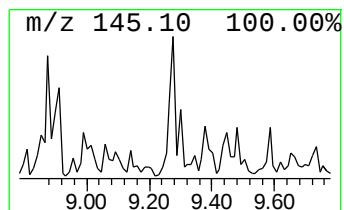
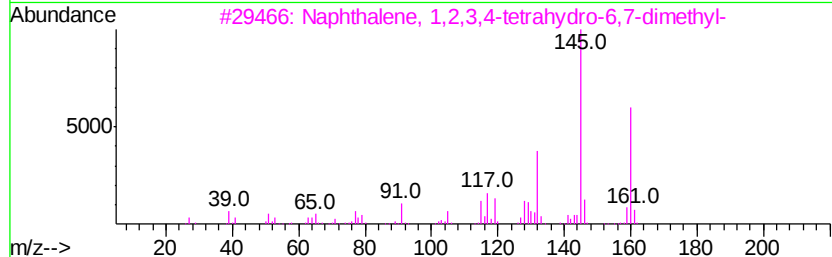
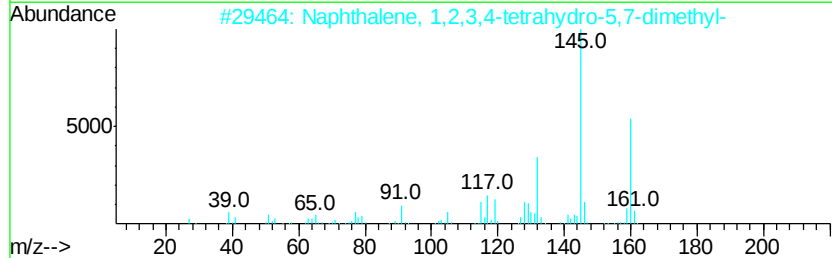
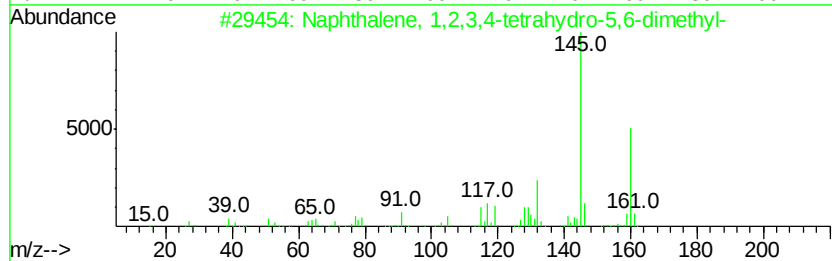
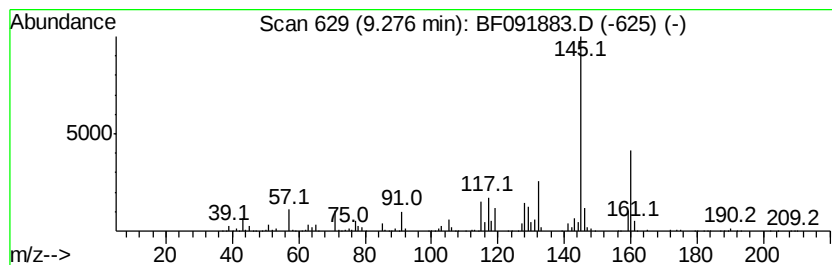
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.28	21.74 ng	4460090	Acenaphthene-d10	9.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	97
2		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	94
3		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	94
4		Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	91
5		Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122216\
Data File : BF091883.D
Acq On : 22 Dec 2016 13:57
Operator : UM/SJ
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Misc :
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Instrument :
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ClientSampleId :
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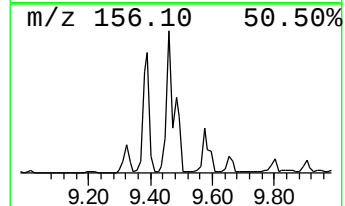
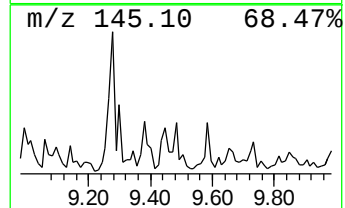
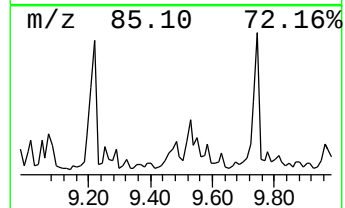
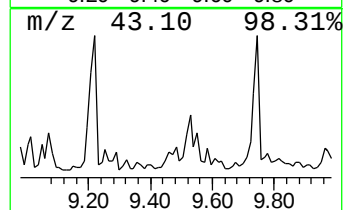
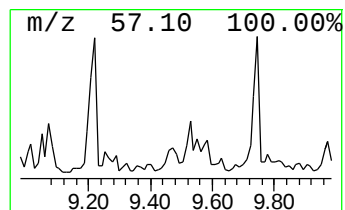
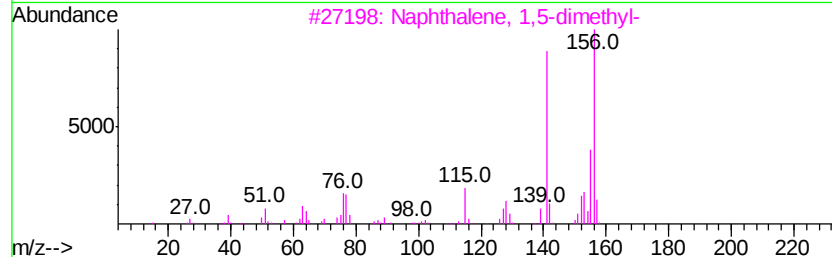
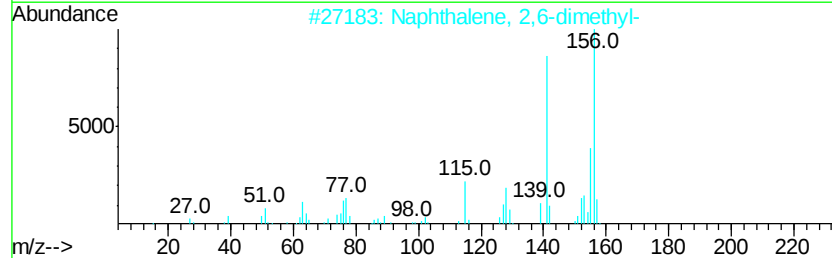
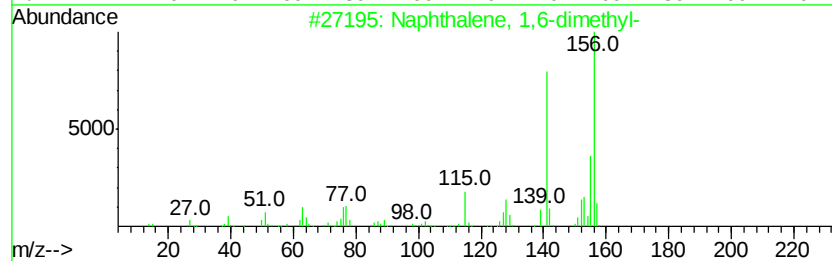
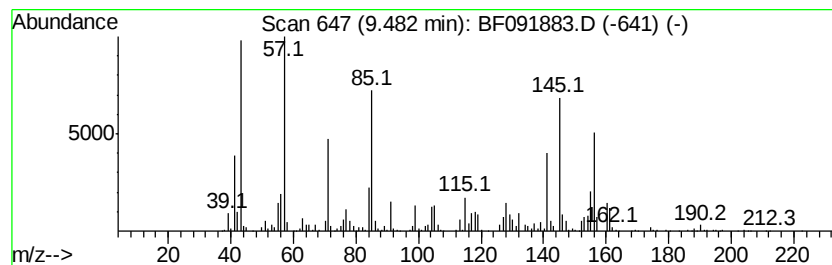
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 1,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.48	36.56 ng	7500730	Acenaphthene-d10	9.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	74
2		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	70
3		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	38
4		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	38
5		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122216\
Data File : BF091883.D
Acq On : 22 Dec 2016 13:57
Operator : UM/SJ
Sample : H6200-04 20X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WASTE-WATER-COMP

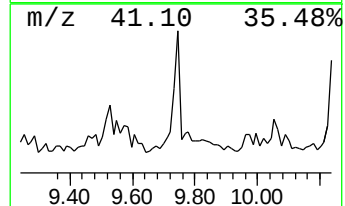
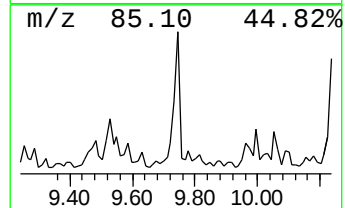
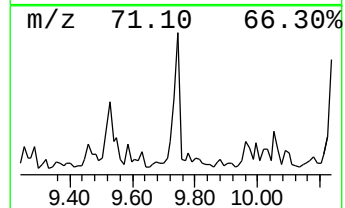
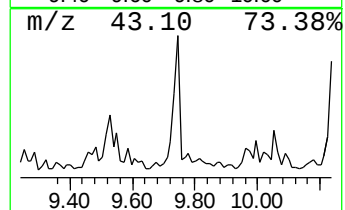
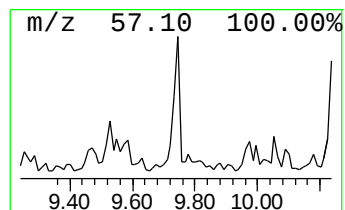
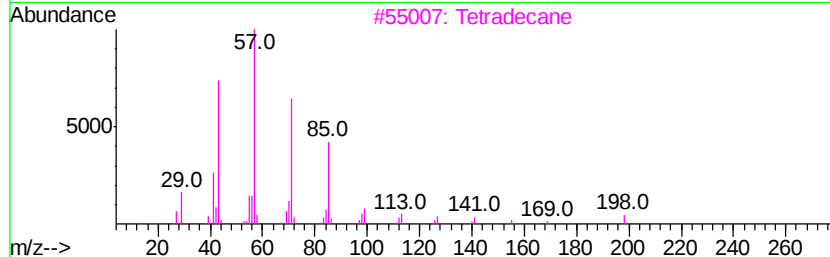
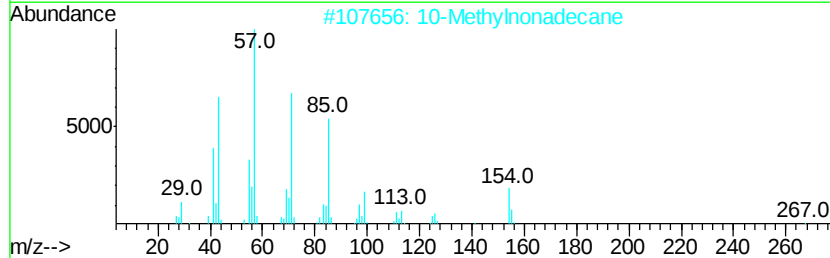
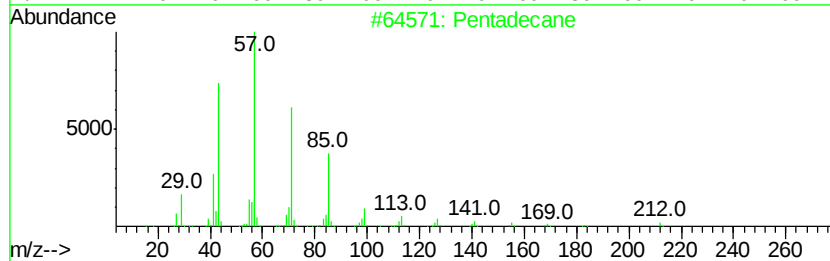
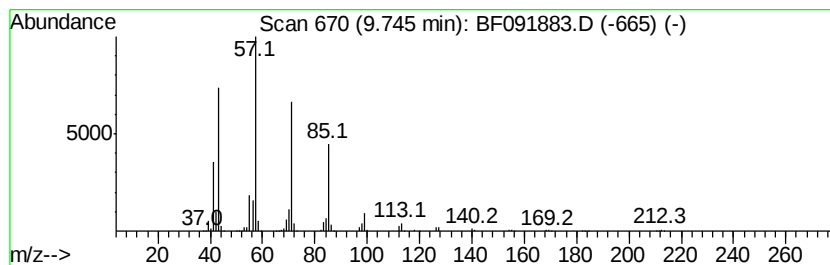
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Pentadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.74	61.89 ng	12699300	Acenaphthene-d10	9.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	91
2		10-Methylnonadecane	282	C20H42	056862-62-5	90
3		Tetradecane	198	C14H30	000629-59-4	90
4		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83
5		Hexadecane	226	C16H34	000544-76-3	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122216\
Data File : BF091883.D
Acq On : 22 Dec 2016 13:57
Operator : UM/SJ
Sample : H6200-04 20X
Misc :
ALS Vial : 3 Sample Multiplier: 1

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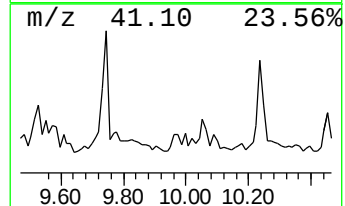
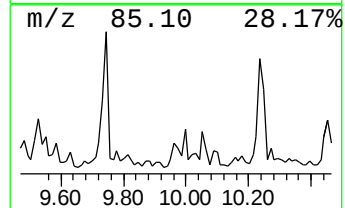
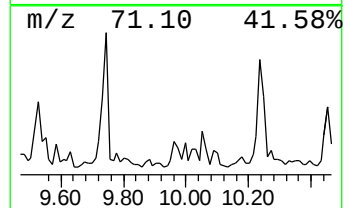
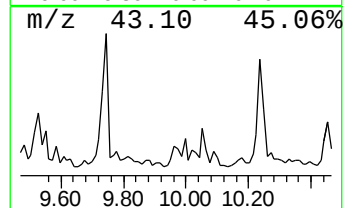
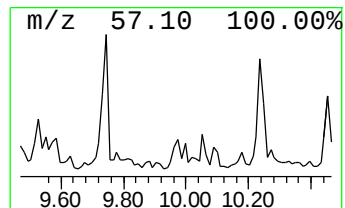
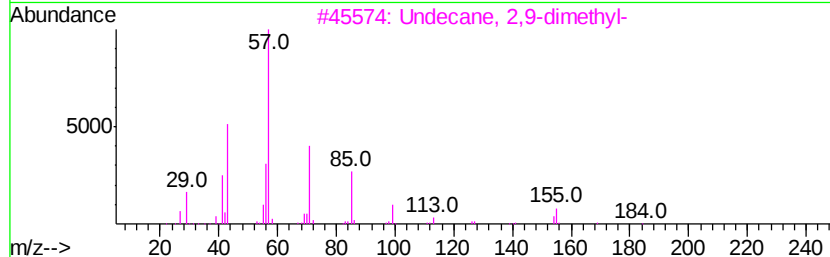
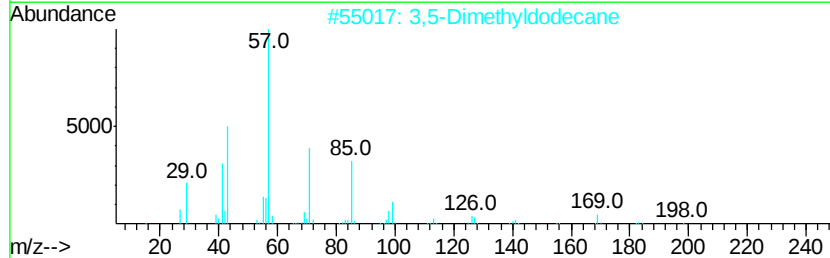
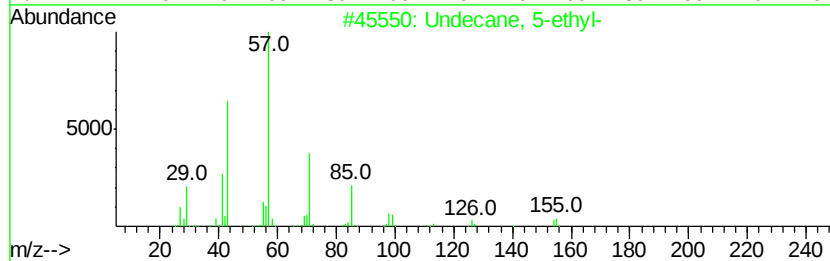
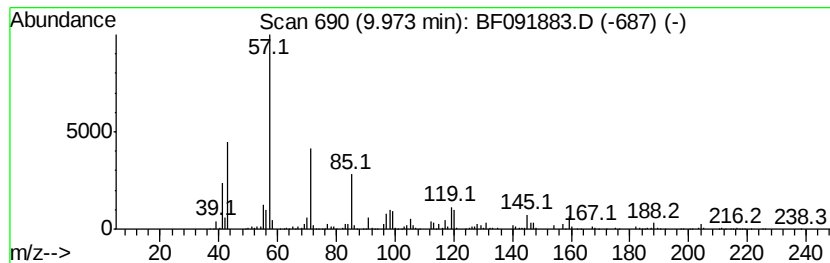
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Undecane, 5-ethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.97	21.00 ng	4309140	Acenaphthene-d10	9.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 5-ethyl-	184	C13H28	017453-94-0	59
2		3,5-Dimethyldodecane	198	C14H30	107770-99-0	59
3		Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	53
4		Pentacosane	352	C25H52	000629-99-2	53
5		Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	50



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122216\
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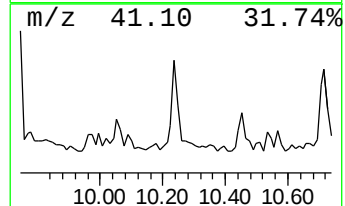
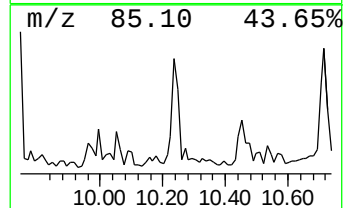
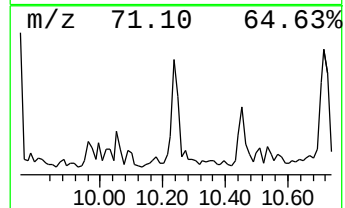
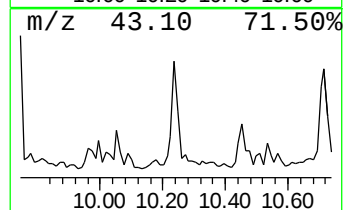
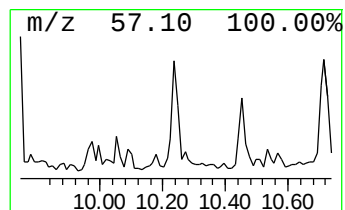
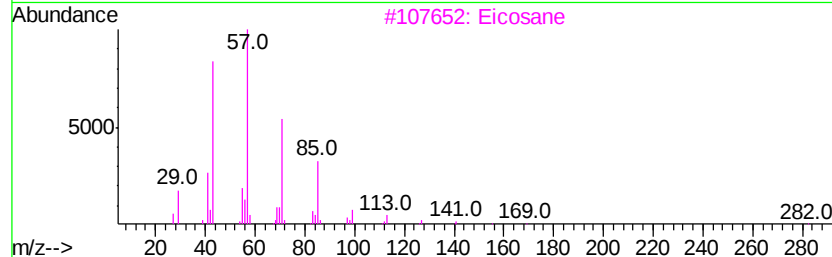
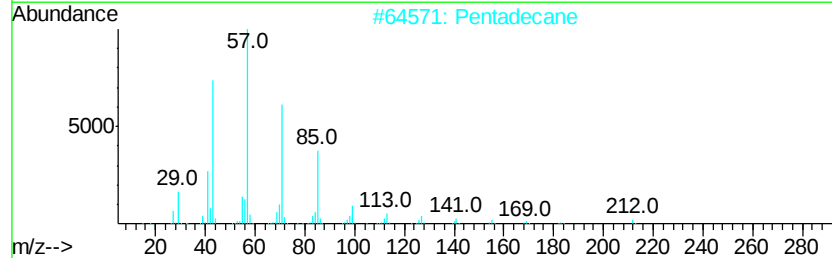
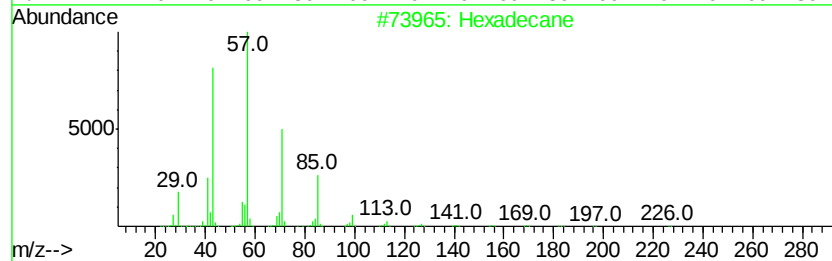
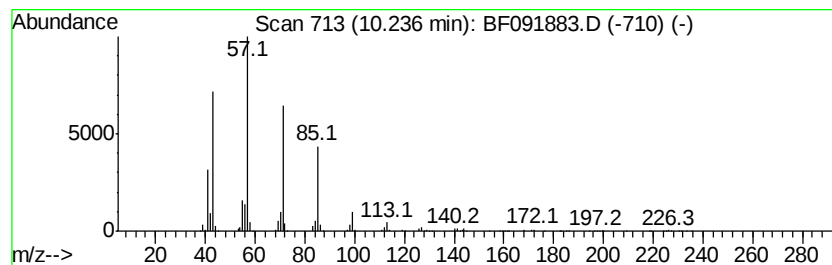
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ClientSampleId :
WASTE-WATER-COMP

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.24	44.13 ng	9055630	Acenaphthene-d10	9.80
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane	226 C16H34	000544-76-3	91
2	Pentadecane	212 C15H32	000629-62-9	90
3	Eicosane	282 C20H42	000112-95-8	90
4	Tridecane, 6-propyl-	226 C16H34	055045-10-8	87
5	Pentadecane, 7-methyl-	226 C16H34	006165-40-8	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122216\
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Sample : H6200-04 20X
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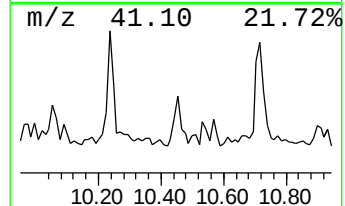
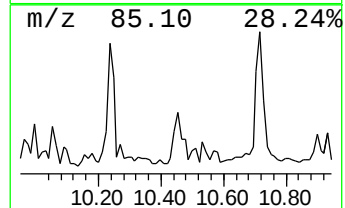
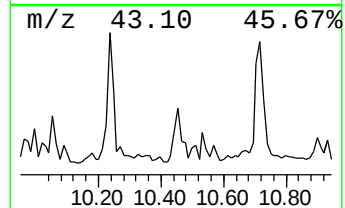
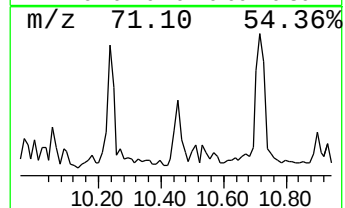
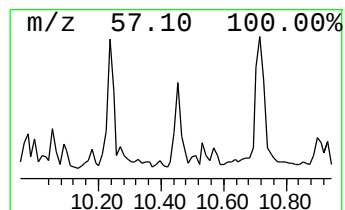
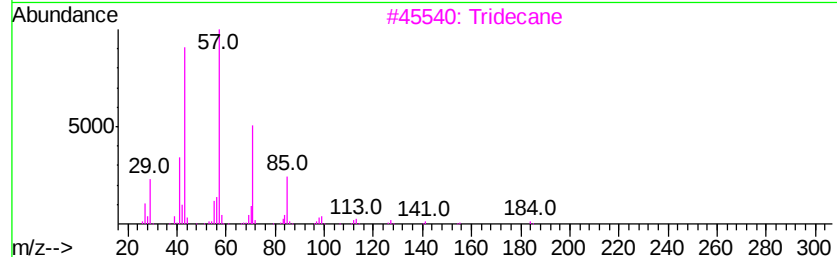
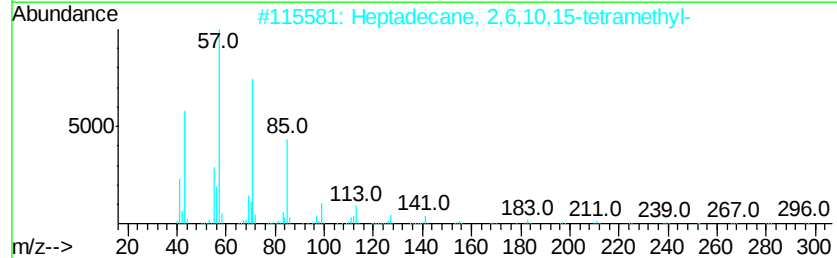
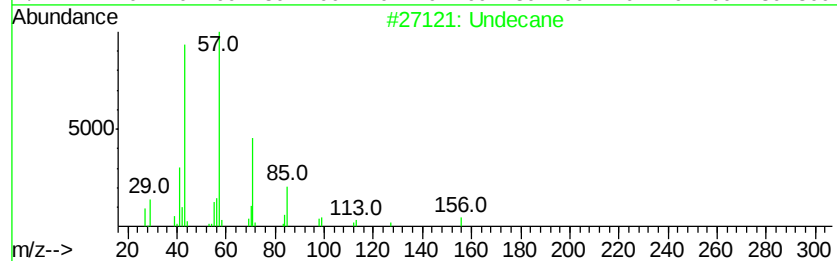
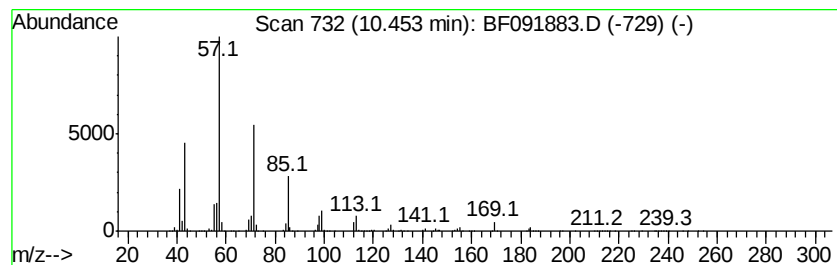
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WASTE-WATER-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Undecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.45	35.01 ng	7183520	Acenaphthene-d10	9.80	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	90
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
3	Tridecane	184	C13H28	000629-50-5	64
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	59
5	Heptacosane	380	C27H56	000593-49-7	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122216\
Data File : BF091883.D
Acq On : 22 Dec 2016 13:57
Operator : UM/SJ
Sample : H6200-04 20X
Misc :
ALS Vial : 3 Sample Multiplier: 1

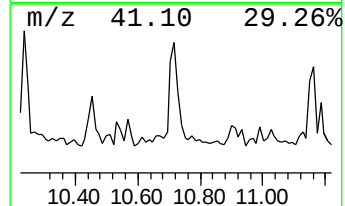
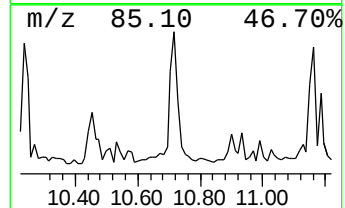
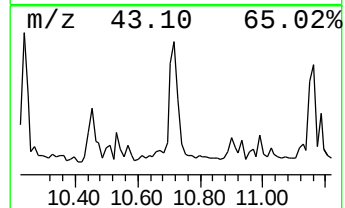
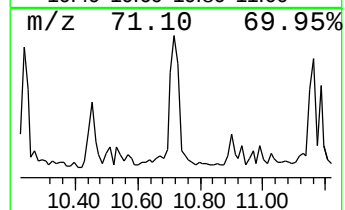
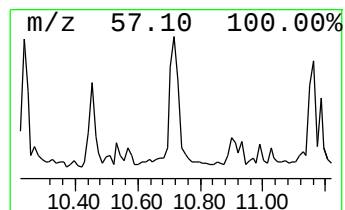
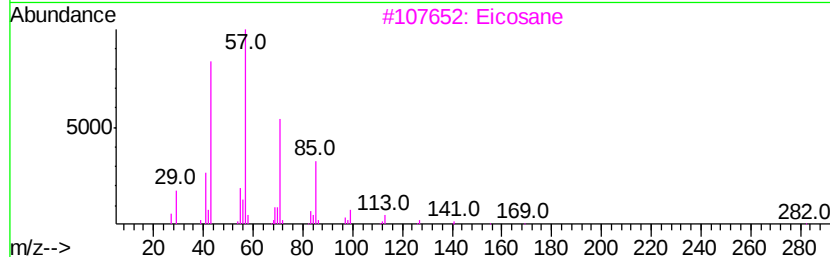
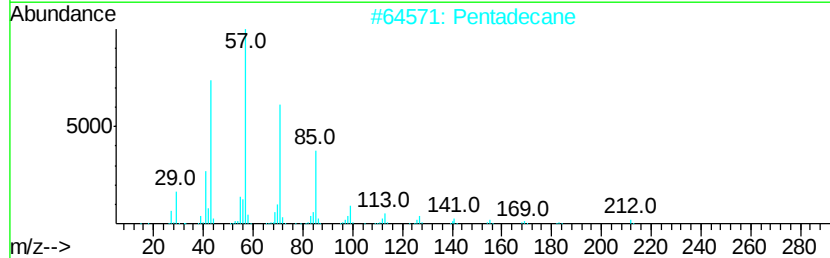
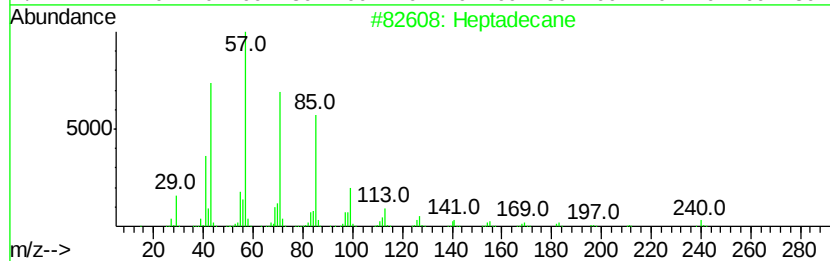
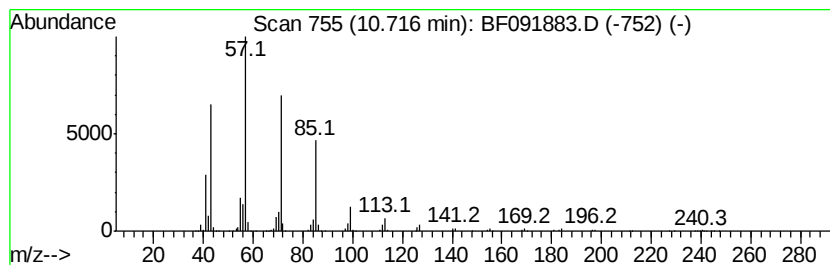
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Heptadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD			R.T.	
10.72	127.47 ng	13422800	Phenanthrene-d10			11.28	
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	94
2			Pentadecane	212	C15H32	000629-62-9	90
3			Eicosane	282	C20H42	000112-95-8	90
4			Dodecane, 2-methyl-	184	C13H28	001560-97-0	87
5			Nonadecane	268	C19H40	000629-92-5	86



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122216\
Data File : BF091883.D
Acq On : 22 Dec 2016 13:57
Operator : UM/SJ
Sample : H6200-04 20X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WASTE-WATER-COMP

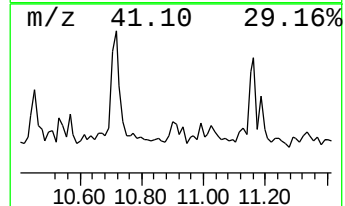
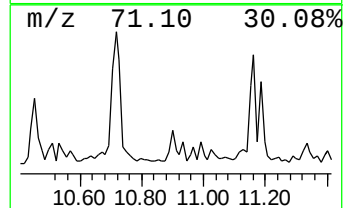
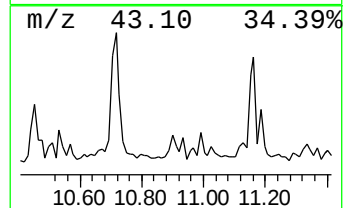
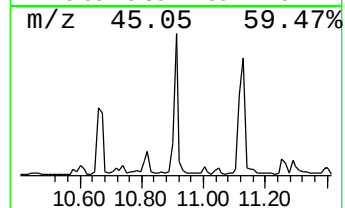
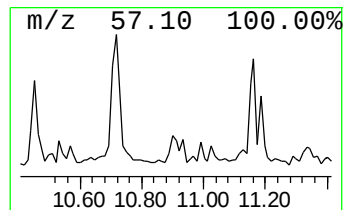
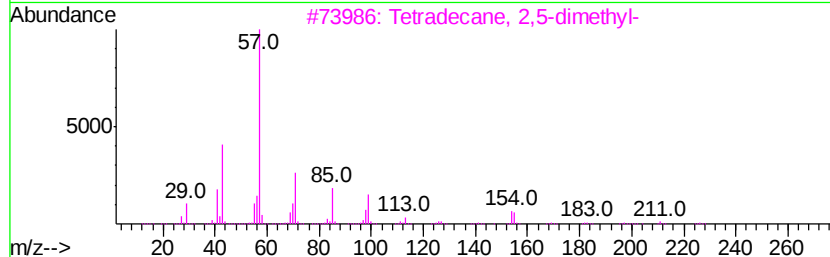
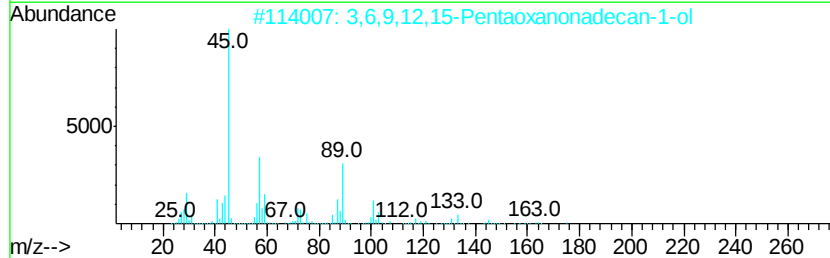
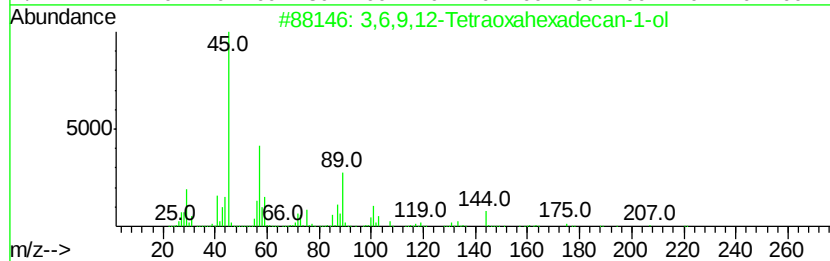
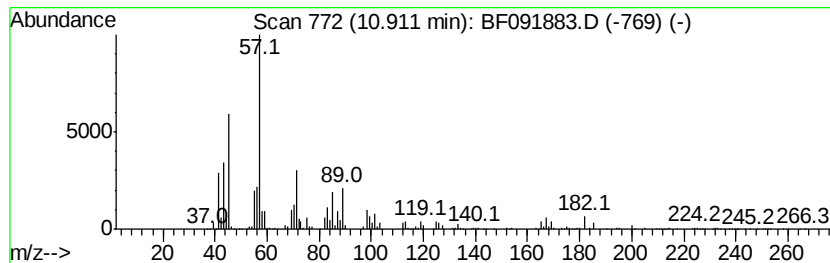
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown10.91 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.91	38.24 ng	4027190	Phenanthrene-d10	11.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,6,9,12-Tetraoxahexadecan-1-ol	250	C12H26O5	001559-34-8	43
2		3,6,9,12,15-Pentaoxanonadecan-1-ol	294	C14H30O6	001786-94-3	43
3		Tetradecane, 2,5-dimethyl-	226	C16H34	056292-69-4	38
4		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	38
5		Dodecane, 3-methyl-	184	C13H28	017312-57-1	35



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122216\
Data File : BF091883.D
Acq On : 22 Dec 2016 13:57
Operator : UM/SJ
Sample : H6200-04 20X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WASTE-WATER-COMP

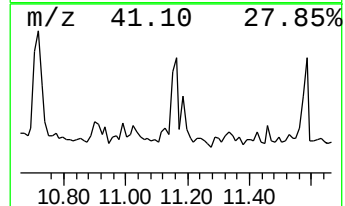
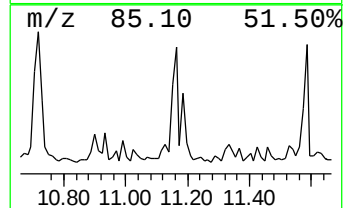
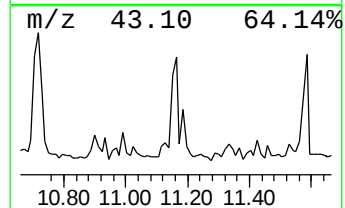
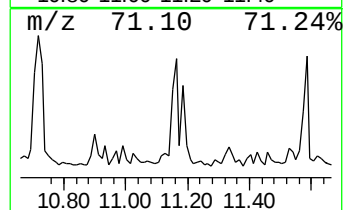
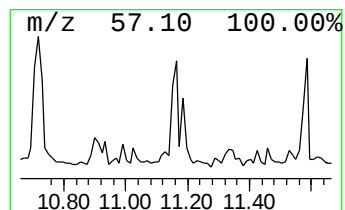
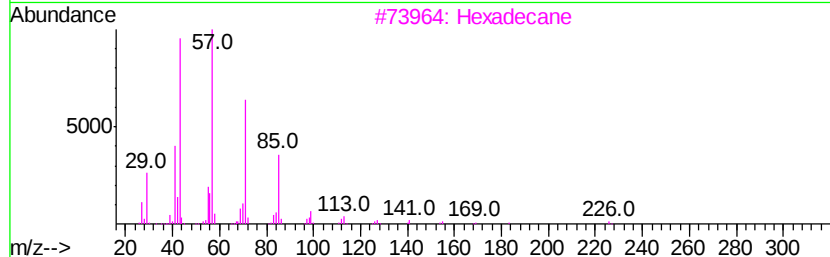
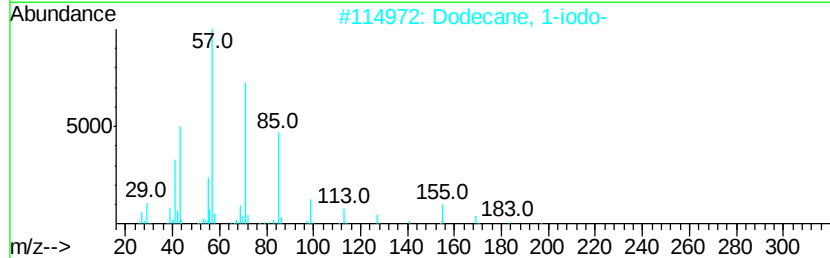
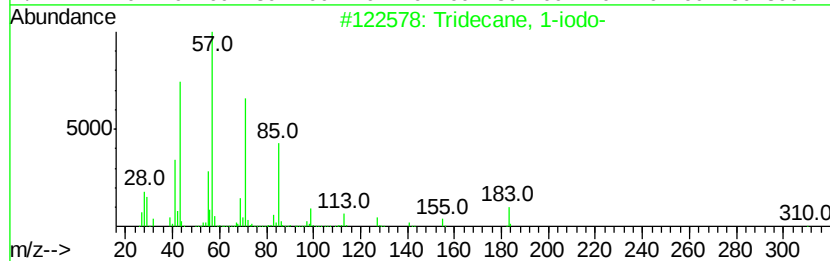
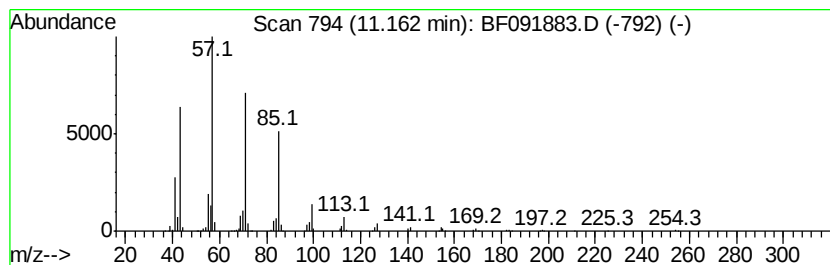
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Tridecane, 1-iodo- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.16	67.63 ng	7121960	Phenanthrene-d10	11.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
2		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
3		Hexadecane	226	C16H34	000544-76-3	83
4		Undecane, 5-ethyl-5-propyl-	226	C16H34	002755-07-9	83
5		Heptadecane, 8-methyl-	254	C18H38	013287-23-5	78



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122216\
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Sample : H6200-04 20X
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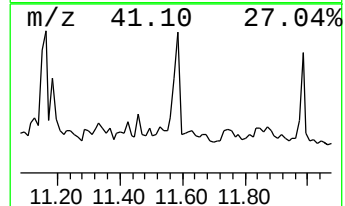
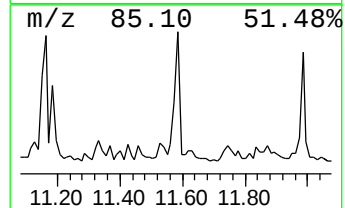
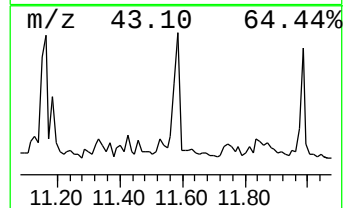
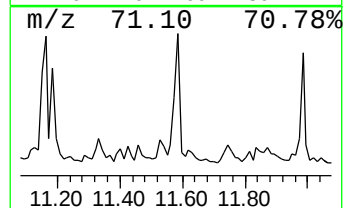
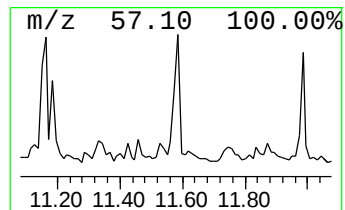
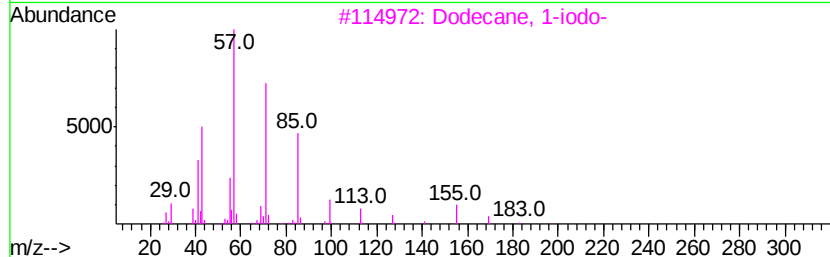
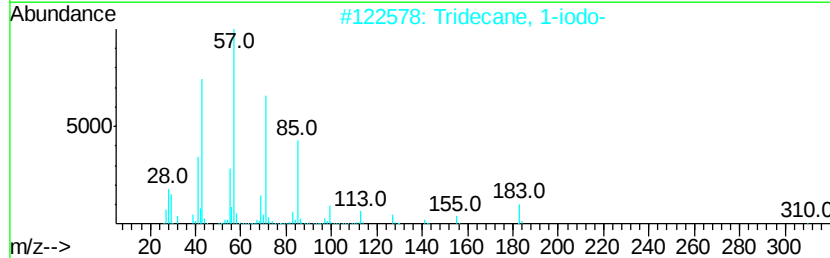
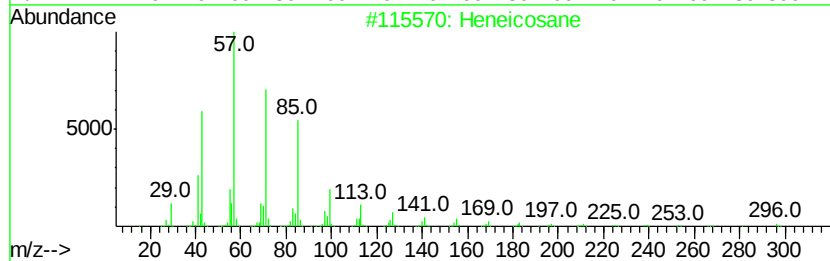
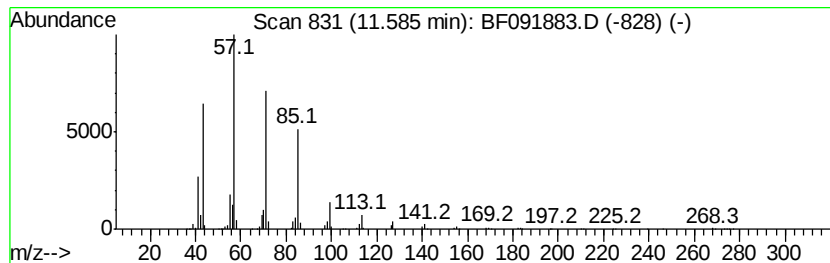
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ClientSampleId :
WASTE-WATER-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Heneicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.58	76.07 ng	8010600	Phenanthrene-d10	11.28
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heneicosane	296 C21H44	000629-94-7	83
2	Tridecane, 1-iodo-	310 C13H27I	035599-77-0	78
3	Dodecane, 1-iodo-	296 C12H25I	004292-19-7	72
4	Hexadecane	226 C16H34	000544-76-3	72
5	Heptacosane	380 C27H56	000593-49-7	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122216\
Data File : BF091883.D
Acq On : 22 Dec 2016 13:57
Operator : UM/SJ
Sample : H6200-04 20X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WASTE-WATER-COMP

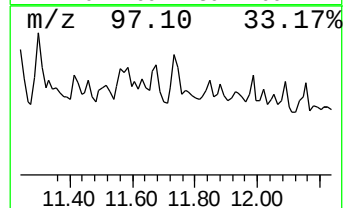
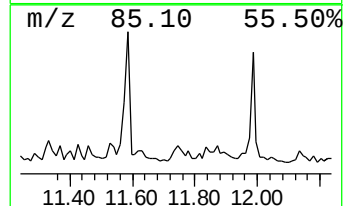
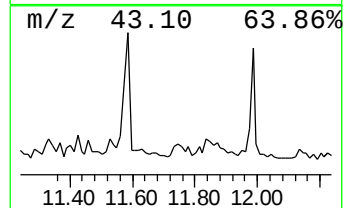
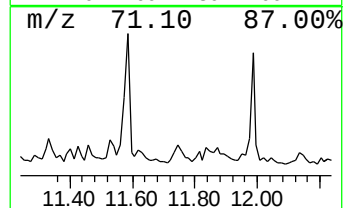
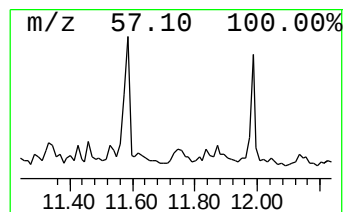
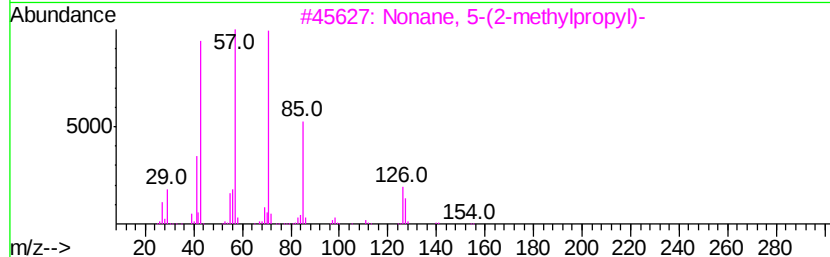
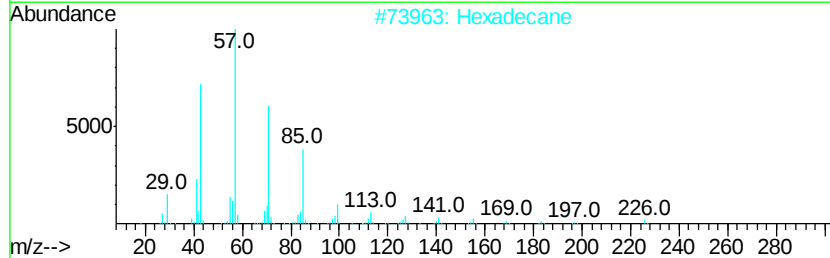
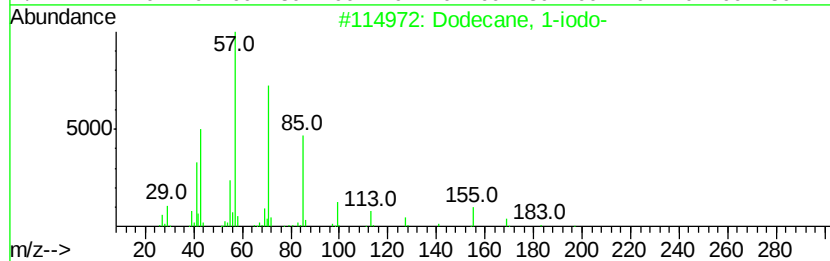
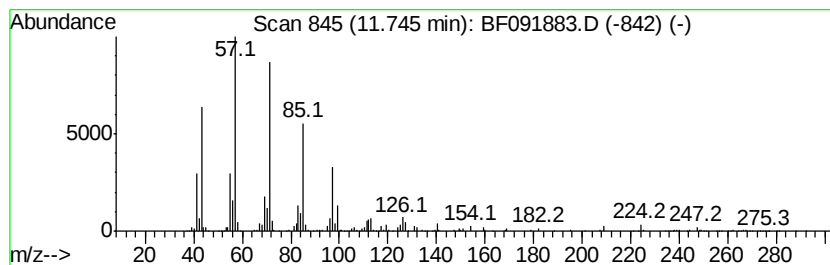
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Dodecane, 1-iodo- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	20.15 ng	2121450	Phenanthrene-d10	11.28

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72
2			Hexadecane	226	C16H34	000544-76-3	72
3			Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	64
4			Heptadecane, 8-methyl-	254	C18H38	013287-23-5	64
5			Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122216\
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Acq On : 22 Dec 2016 13:57
Operator : UM/SJ
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Misc :
ALS Vial : 3 Sample Multiplier: 1

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ClientSampleId :
WASTE-WATER-COMP

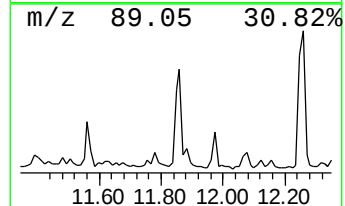
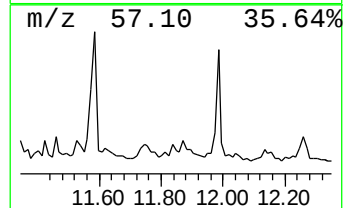
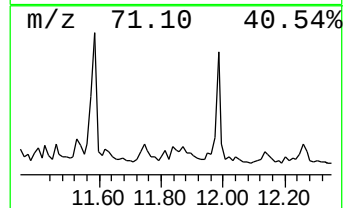
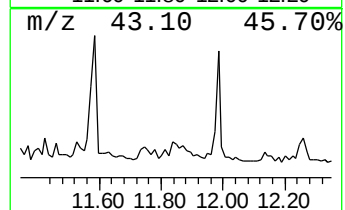
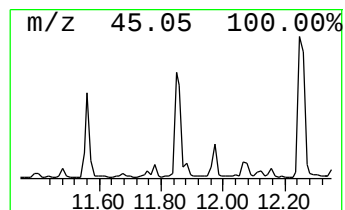
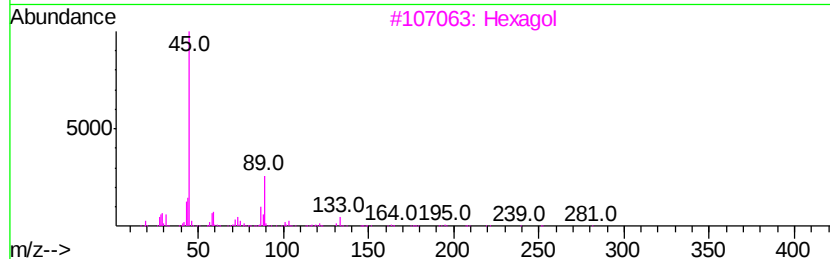
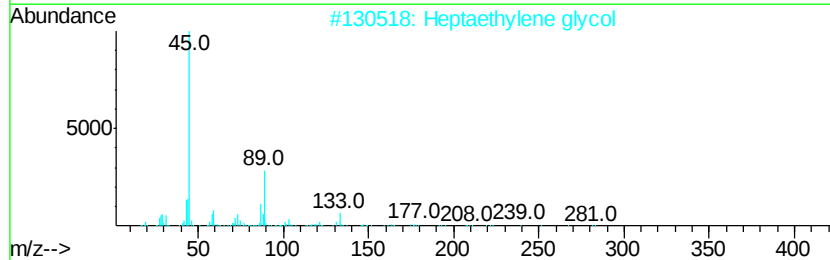
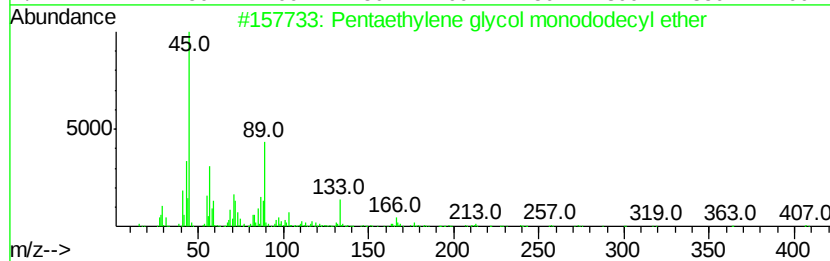
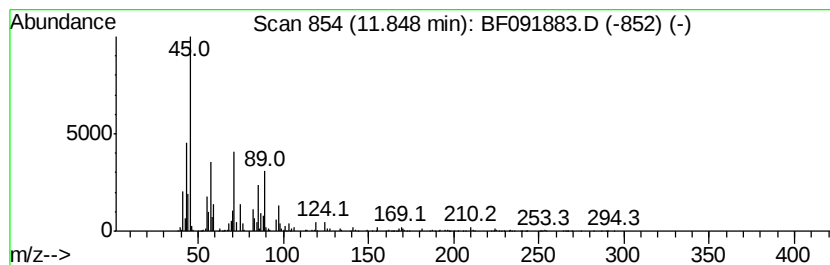
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Pentaethylene glycol monodo... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	26.70 ng	2811660	Phenanthrene-d10	11.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentaethylene glycol monododecyl...	406	C22H46O6	003055-95-6	53
2		Heptaethylene glycol	326	C14H30O8	005617-32-3	49
3		Hexadecyl	282	C12H26O7	002615-15-8	49
4		Pentaethylene glycol	238	C10H22O6	004792-15-8	47
5		Ethanol, 2,2'-[oxybis(2,1-ethane...	194	C8H18O5	000112-60-7	47



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122216\
Data File : BF091883.D
Acq On : 22 Dec 2016 13:57
Operator : UM/SJ
Sample : H6200-04 20X
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Instrument :
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ClientSampleId :
WASTE-WATER-COMP

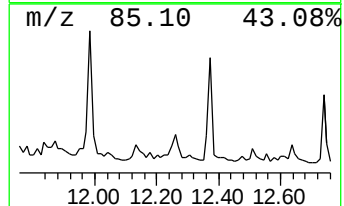
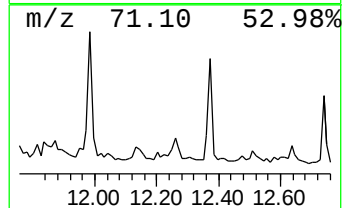
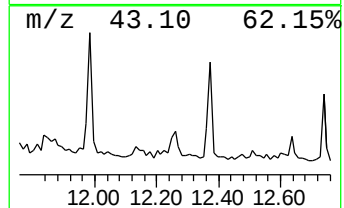
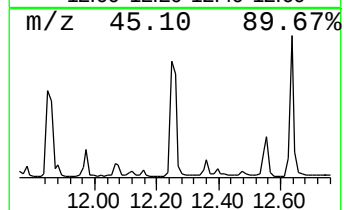
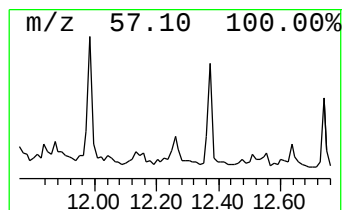
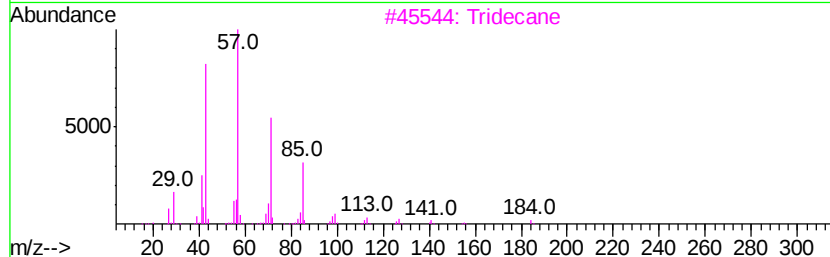
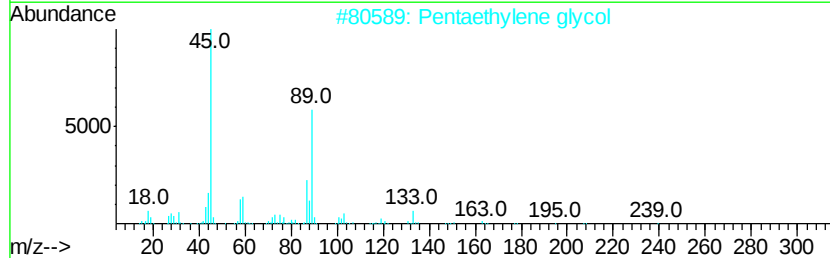
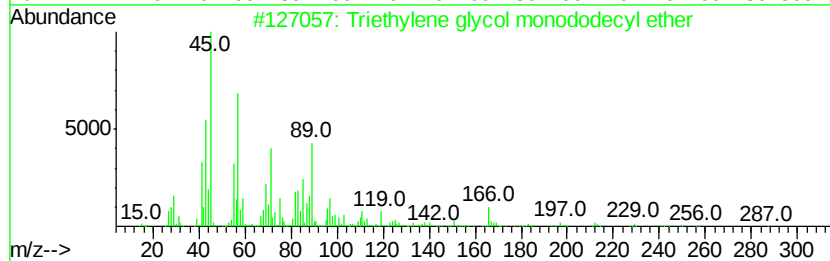
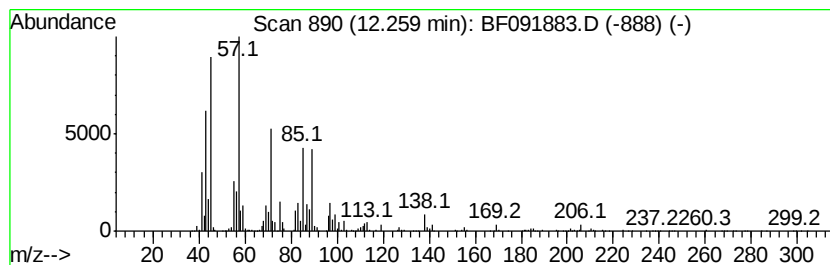
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Triethylene glycol monododecyl... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	29.70 ng	3127130	Phenanthrene-d10	11.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Triethylene glycol monododecyl e...	318	C18H38O4	003055-94-5	58
2		Pentaethylene glycol	238	C10H22O6	004792-15-8	46
3		Tridecane	184	C13H28	000629-50-5	38
4		Tetradecane	198	C14H30	000629-59-4	38
5		Pentadecane	212	C15H32	000629-62-9	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122216\
 Data File : BF091883.D
 Acq On : 22 Dec 2016 13:57
 Operator : UM/SJ
 Sample : H6200-04 20X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WASTE-WATER-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.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
Decane	6.59	32.3	ng	6108820	1	6.75	3786390	20.0
Naphthalene, 1,2,...	7.88	24.6	ng	23680100	2	8.04	19289900	20.0
Methane, diethoxy-	8.35	76.7	ng	74002800	2	8.04	19289900	20.0
Dodecane, 2,6,11-...	9.07	39.2	ng	8044210	3	9.80	4103610	20.0
Naphthalene, 1,2,...	9.28	21.7	ng	4460090	3	9.80	4103610	20.0
Naphthalene, 1,6-...	9.48	36.6	ng	7500730	3	9.80	4103610	20.0
Pentadecane	9.74	61.9	ng	12699300	3	9.80	4103610	20.0
Undecane, 5-ethyl-	9.97	21.0	ng	4309140	3	9.80	4103610	20.0
Hexadecane	10.24	44.1	ng	9055630	3	9.80	4103610	20.0
Undecane	10.45	35.0	ng	7183520	3	9.80	4103610	20.0
Heptadecane	10.72	127.5	ng	13422800	4	11.28	2106010	20.0
unknown10.91	10.91	38.2	ng	4027190	4	11.28	2106010	20.0
Tridecane, 1-iodo-	11.16	67.6	ng	7121960	4	11.28	2106010	20.0
Heneicosane	11.58	76.1	ng	8010600	4	11.28	2106010	20.0
Dodecane, 1-iodo-	11.74	20.1	ng	2121450	4	11.28	2106010	20.0
Pentaethylene gly...	11.85	26.7	ng	2811660	4	11.28	2106010	20.0
Triethylene glyco...	12.26	29.7	ng	3127130	4	11.28	2106010	20.0