

Data Path : U:\HPCHEM1\BNA_F\DATA\BF011618\
 Data File : BF102101.D
 Acq On : 16 Jan 2018 11:33
 Operator : SJ/JU
 Sample : J1117-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 UST-1 14.5-15.0

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-BF010918.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	4.904	474	479	485	rBV2	482405	697493	5.39%	0.247%
2	5.328	544	551	554	rVB	3065330	3055745	23.61%	1.083%
3	5.622	598	601	606	rBV2	550780	565580	4.37%	0.200%
4	5.734	614	620	624	rVB3	601738	883923	6.83%	0.313%
5	5.869	640	643	648	rVB3	891662	1042114	8.05%	0.369%
6	5.969	656	660	666	rVB	1774270	2183583	16.87%	0.774%
7	6.022	666	669	671	rBV	954588	780369	6.03%	0.277%
8	6.157	686	692	694	rBV	884213	1092628	8.44%	0.387%
9	6.251	705	708	711	rBV3	1759938	1922615	14.85%	0.681%
10	6.310	716	718	721	rBV2	534361	557377	4.31%	0.198%
11	6.357	721	726	730	rBV	2641801	3174025	24.52%	1.125%
12	6.392	730	732	735	rBV3	580203	617792	4.77%	0.219%
13	6.463	740	744	745	rBV2	960435	1088132	8.41%	0.386%
14	6.492	745	749	753	rVB	3220049	3578352	27.65%	1.268%
15	6.563	756	761	766	rBV3	3243825	3903960	30.16%	1.384%
16	6.692	774	783	784	rBV3	718593	1555310	12.02%	0.551%
17	6.722	784	788	789	rBV2	904333	1072933	8.29%	0.380%
18	6.745	789	792	795	rVB	3140934	3129397	24.18%	1.109%
19	6.781	795	798	801	rBV	1617757	1875944	14.49%	0.665%
20	6.822	801	805	806	rBV3	427776	509572	3.94%	0.181%
21	6.845	806	809	811	rVB	782043	682142	5.27%	0.242%
22	6.881	811	815	818	rBV2	2883583	3448899	26.65%	1.222%
23	6.904	818	819	822	rVB	916396	701957	5.42%	0.249%
24	6.957	825	828	830	rBV2	803206	807260	6.24%	0.286%
25	7.004	832	836	839	rVB3	2382574	3210329	24.80%	1.138%
26	7.039	839	842	845	rBV2	1770126	2227890	17.21%	0.790%
27	7.069	845	847	851	rVB	2270810	2106583	16.28%	0.747%
28	7.122	852	856	859	rBV	3725789	3831701	29.60%	1.358%
29	7.151	859	861	866	rVB5	750470	940823	7.27%	0.333%
30	7.198	866	869	871	rBV2	722839	879676	6.80%	0.312%
31	7.269	875	881	883	rBV2	2898288	4211430	32.54%	1.493%
32	7.292	883	885	886	rBV	879787	542525	4.19%	0.192%
33	7.339	889	893	895	rVB	5927705	6985592	53.97%	2.476%
34	7.375	895	899	903	rVB5	2679625	4375117	33.80%	1.551%

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.416	903	906	908	rBV2	1470425	2055455	15.88%	0.728%
36	7.445	908	911	915	rVB3	2165719	2344994	18.12%	0.831%
37	7.486	915	918	920	rBV2	954856	1190657	9.20%	0.422%
38	7.516	920	923	925	rBV3	1371684	1975156	15.26%	0.700%
39	7.539	925	927	930	rVB3	2477506	2413074	18.64%	0.855%
40	7.622	937	941	942	rBV2	1424396	1790399	13.83%	0.635%
41	7.639	942	944	945	rBV2	899690	777975	6.01%	0.276%
42	7.657	945	947	951	rVB3	2711964	2752150	21.26%	0.975%
43	7.704	951	955	958	rBV4	2277150	2873152	22.20%	1.018%
44	7.739	958	961	962	rBV	2194014	2017597	15.59%	0.715%
45	7.775	965	967	971	rVB2	3836328	4200916	32.46%	1.489%
46	7.822	971	975	976	rBV	2781230	2823023	21.81%	1.000%
47	7.839	976	978	983	rVB4	2310279	2519721	19.47%	0.893%
48	7.886	983	986	990	rBV2	1899472	2792259	21.57%	0.990%
49	7.922	990	992	994	rVB	1083280	797230	6.16%	0.283%
50	7.957	995	998	999	rBV	1532668	1277248	9.87%	0.453%
51	7.975	999	1001	1003	rVV3	1164418	996147	7.70%	0.353%
52	8.022	1003	1009	1011	rVV3	5574682	10087587	77.94%	3.575%
53	8.069	1015	1017	1018	rVV2	1548551	1325969	10.24%	0.470%
54	8.092	1018	1021	1023	rVB	3829686	3983191	30.77%	1.412%
55	8.116	1023	1025	1028	rVB2	1631172	1282274	9.91%	0.454%
56	8.192	1032	1038	1040	rBV5	1966712	3782981	29.23%	1.341%
57	8.316	1054	1059	1062	rBV5	2961806	5116534	39.53%	1.813%
58	8.375	1066	1069	1071	rBV3	2732617	2518906	19.46%	0.893%
59	8.410	1071	1075	1078	rVB2	3556073	3805513	29.40%	1.349%
60	8.463	1078	1084	1087	rBV3	5108745	7966856	61.55%	2.823%
61	8.533	1092	1096	1098	rBV3	2170607	2304772	17.81%	0.817%
62	8.569	1098	1102	1104	rBV4	1624205	2223279	17.18%	0.788%
63	8.645	1107	1115	1117	rBV2	5111190	10176429	78.62%	3.606%
64	8.722	1125	1128	1130	rBV3	2046921	1783326	13.78%	0.632%
65	8.775	1134	1137	1140	rBV4	1355561	1750362	13.52%	0.620%
66	8.816	1140	1144	1145	rBV4	1020779	1550504	11.98%	0.549%
67	8.910	1157	1160	1161	rBV3	1848915	1774044	13.71%	0.629%
68	8.992	1172	1174	1177	rVB2	2591660	2290843	17.70%	0.812%
69	9.033	1178	1181	1183	rVV2	1866300	2551824	19.71%	0.904%
70	9.063	1183	1186	1188	rVV2	4036993	4226170	32.65%	1.498%
71	9.098	1190	1192	1195	rVB2	1472341	1177840	9.10%	0.417%

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Integration Parameters: rteint.p
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 Sampling : 1 Min Area: 3 % of largest Peak
 Start Thrs: 0.2 Max Peaks: 100
 Stop Thrs : 0 Peak Location: TOP

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72	9.222	1203	1213	1215	rBV3	4938267	12943579	100.00%	4.587%
73	9.245	1215	1217	1221	rVV4	1133895	1556870	12.03%	0.552%
74	9.380	1235	1240	1243	rVB2	2530504	3865023	29.86%	1.370%
75	9.451	1249	1252	1254	rBV	1974020	2341295	18.09%	0.830%
76	9.522	1258	1264	1266	rVV3	3132291	5860995	45.28%	2.077%
77	9.574	1270	1273	1276	rVB3	2332510	2702426	20.88%	0.958%
78	9.657	1284	1287	1291	rBV4	1307437	1721374	13.30%	0.610%
79	9.698	1292	1294	1296	rVV	1652575	1616976	12.49%	0.573%
80	9.751	1296	1303	1304	rVV	4132444	7582417	58.58%	2.687%
81	9.769	1304	1306	1312	rVB6	2139818	2919697	22.56%	1.035%
82	9.898	1325	1328	1332	rVB2	2427281	3278054	25.33%	1.162%
83	9.986	1341	1343	1346	rVV2	1750967	1862403	14.39%	0.660%
84	10.051	1350	1354	1357	rVB4	2068645	3166244	24.46%	1.122%
85	10.110	1361	1364	1367	rBV3	1891010	2471273	19.09%	0.876%
86	10.139	1367	1369	1371	rVB2	1267801	871260	6.73%	0.309%
87	10.451	1415	1422	1426	rBV	3352373	6273592	48.47%	2.223%
88	10.492	1426	1429	1433	rVB4	1566662	1991656	15.39%	0.706%
89	10.527	1433	1435	1438	rBV2	1470718	1504176	11.62%	0.533%
90	10.563	1438	1441	1443	rBV2	1710621	1654150	12.78%	0.586%
91	10.721	1461	1468	1469	rBV2	3637726	7902320	61.05%	2.801%
92	11.186	1544	1547	1552	rVB	3314623	3855961	29.79%	1.367%
93	11.586	1609	1615	1619	rBV2	3224517	5131162	39.64%	1.818%
94	11.992	1678	1684	1685	rBV	3218173	4778571	36.92%	1.694%
95	12.374	1744	1749	1753	rVB2	2956648	4557062	35.21%	1.615%
96	12.745	1808	1812	1814	rVB2	2917655	3853167	29.77%	1.366%
97	13.098	1868	1872	1875	rVB	2615351	3475720	26.85%	1.232%
98	13.439	1926	1930	1933	rVB	2594969	3242161	25.05%	1.149%
99	14.386	2088	2091	2094	rVB	1847398	2086520	16.12%	0.739%
100	14.686	2139	2142	2145	rVB	1457372	1588987	12.28%	0.563%

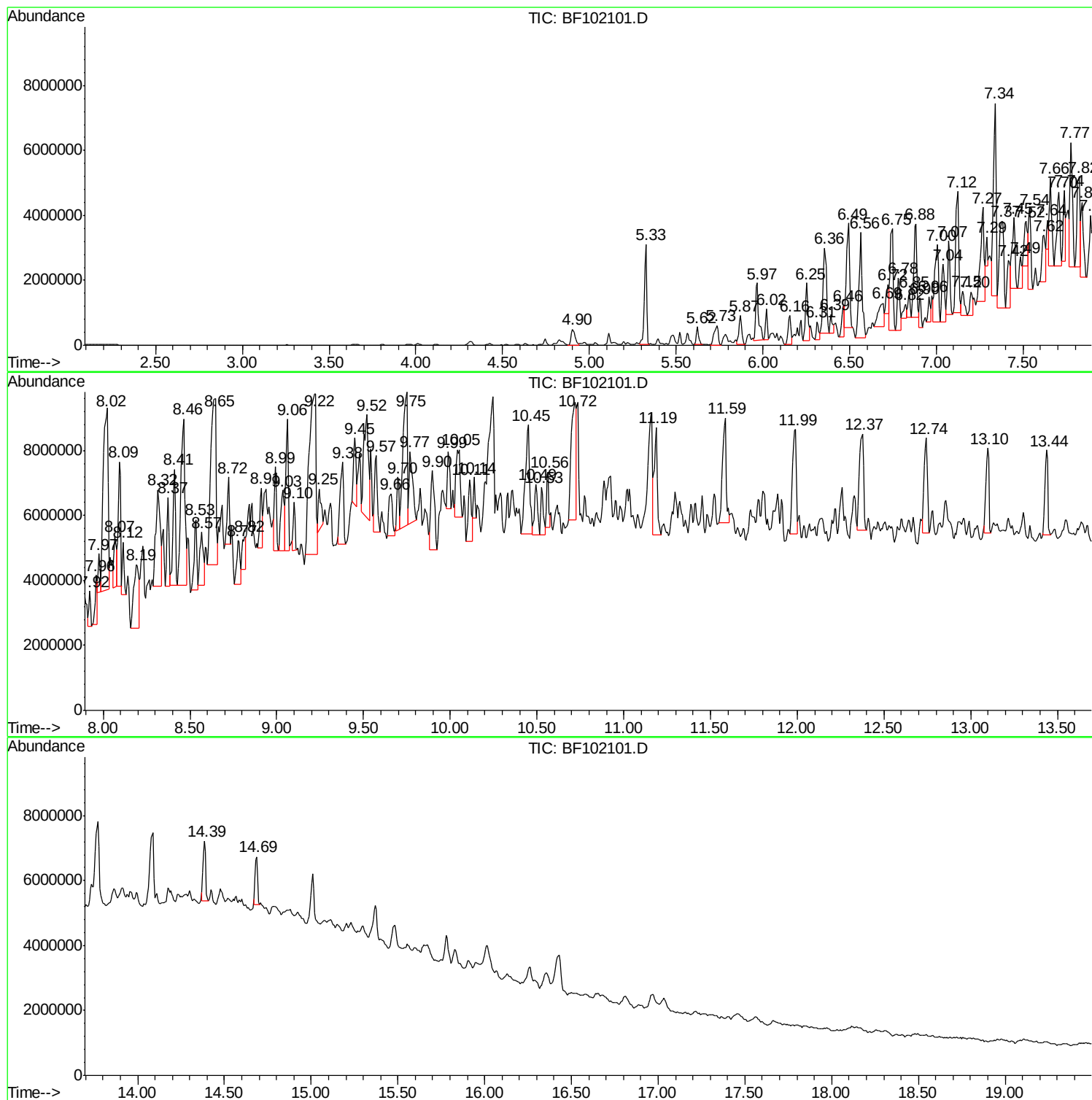
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ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
UST-1 14.5-15.0

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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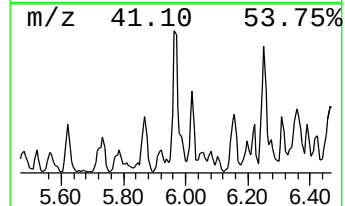
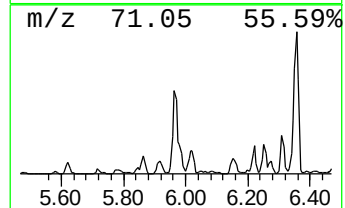
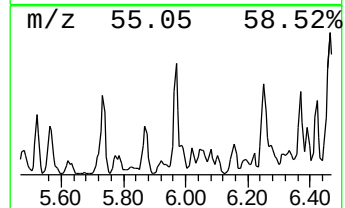
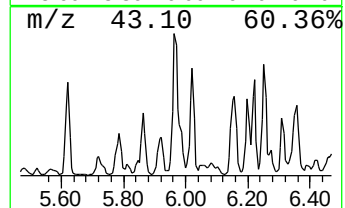
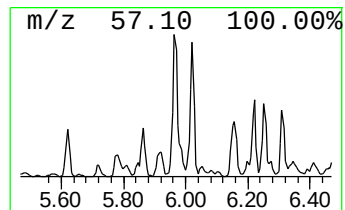
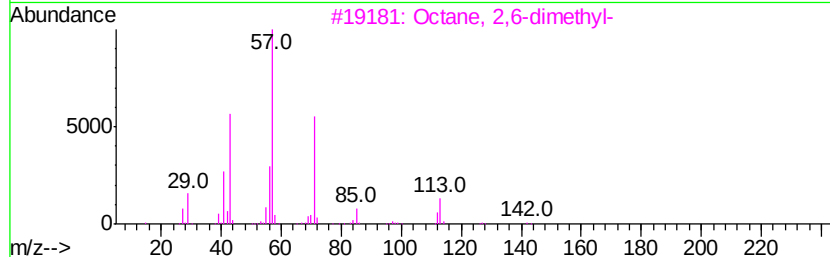
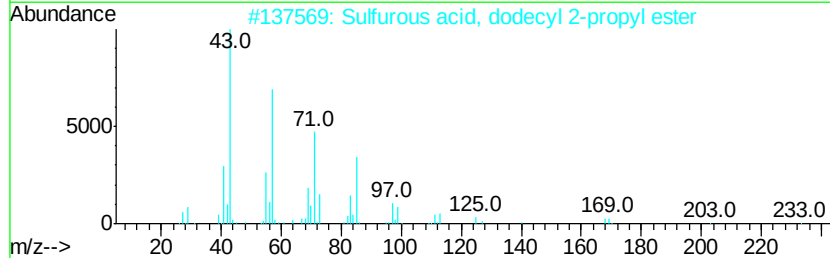
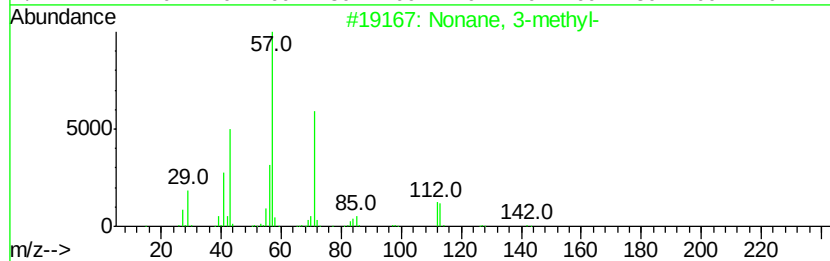
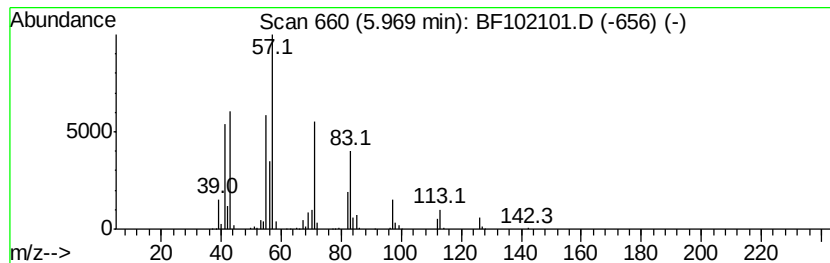
Instrument :
BNA_F
ClientSampleId :
UST-1 14.5-15.0

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Nonane, 3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.97	40.70 ng	2183580	1,4-Dichlorobenzene-d4	6.72
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Nonane, 3-methyl-	142 C10H22	005911-04-6	55
2	Sulfurous acid, dodecyl 2-propyl...	292 C15H32O3S	1000309-12-3	47
3	Octane, 2,6-dimethyl-	142 C10H22	002051-30-1	43
4	Decane, 2,6,7-trimethyl-	184 C13H28	062108-25-2	43
5	Octane, 2,3,7-trimethyl-	156 C11H24	062016-34-6	38



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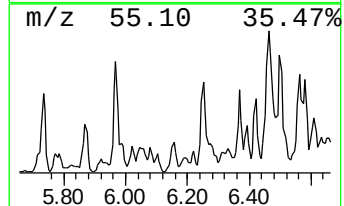
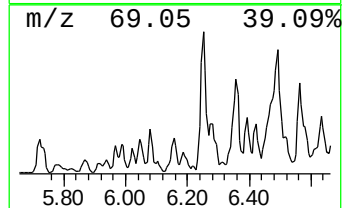
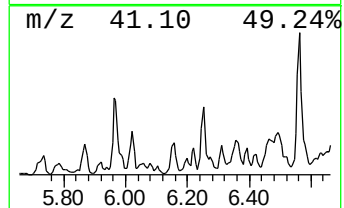
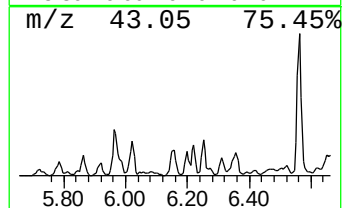
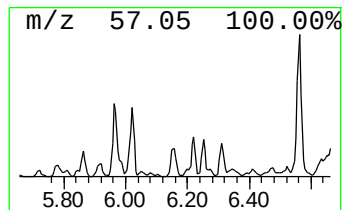
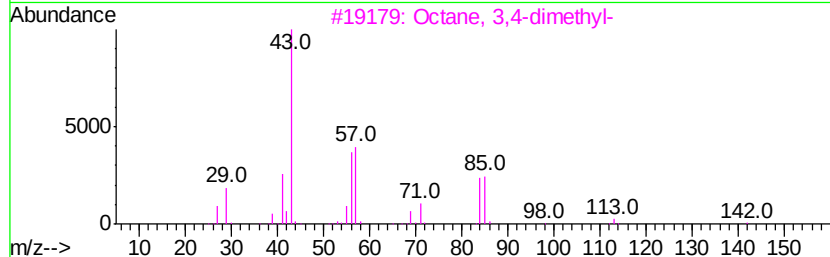
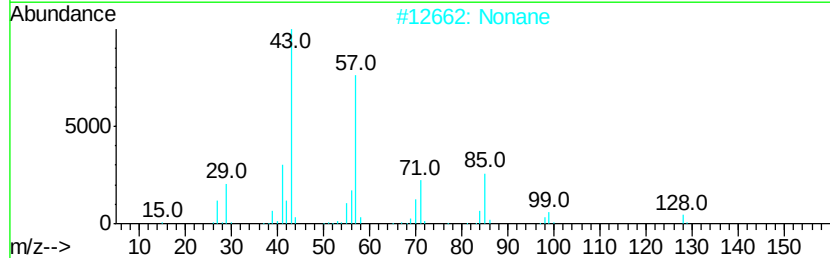
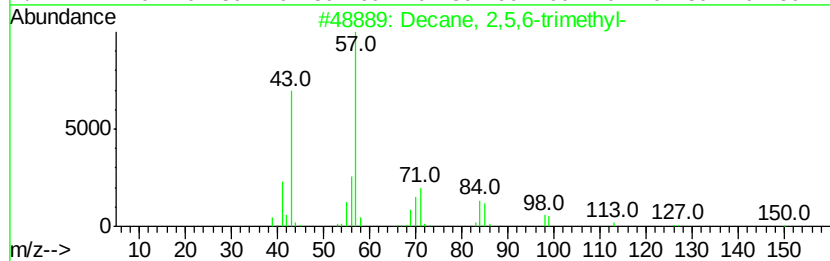
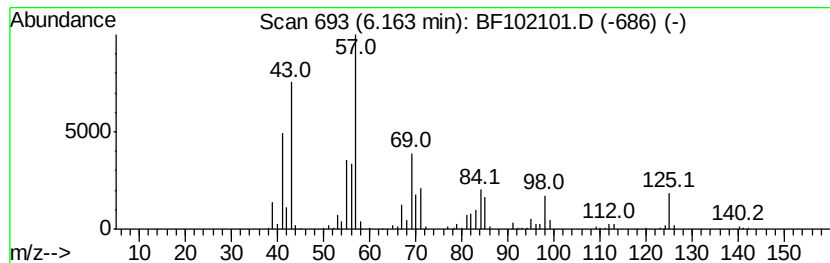
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.16 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.16	20.37 ng	1092630	1,4-Dichlorobenzene-d4	6.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	47
2		Nonane	128	C9H20	000111-84-2	43
3		Octane, 3,4-dimethyl-	142	C10H22	015869-92-8	43
4		Octane, 4-ethyl-	142	C10H22	015869-86-0	38
5		Formic acid, 2-ethylbutyl ester	130	C7H14O2	1000367-92-2	22



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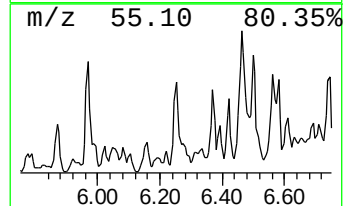
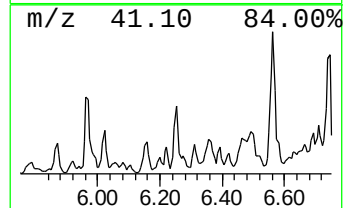
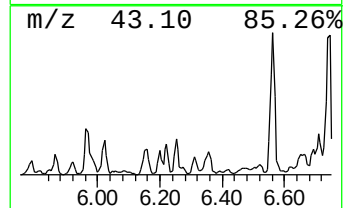
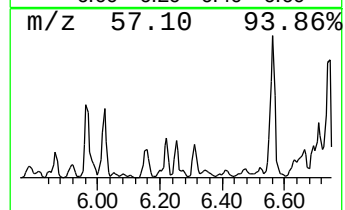
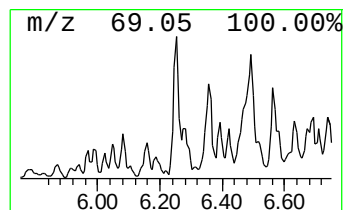
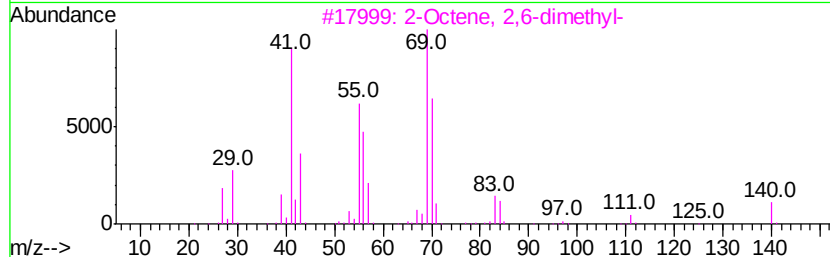
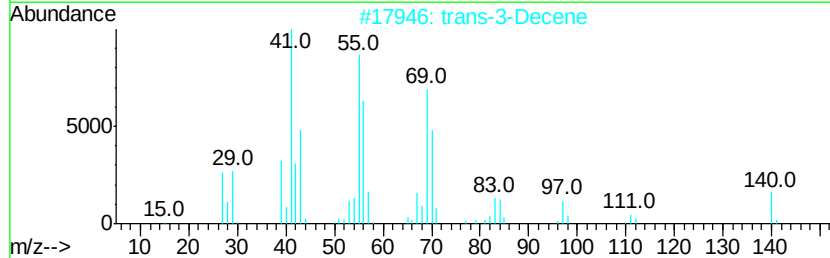
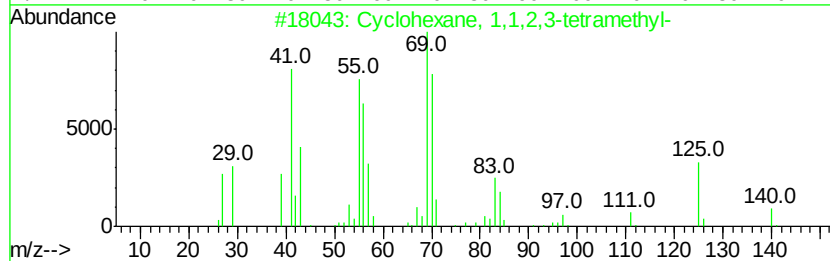
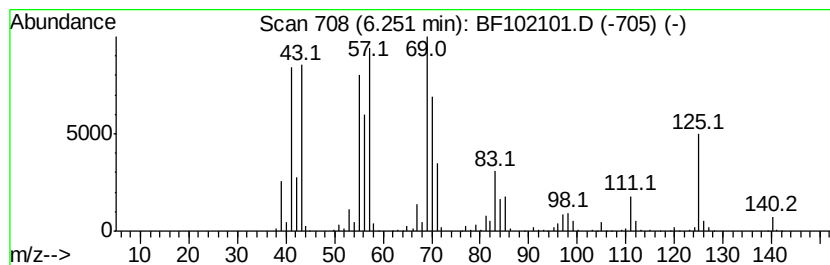
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Cyclohexane, 1,1,2,3-tetram... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.25	35.84 ng	1922620	1,4-Dichlorobenzene-d4	6.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	81
2		trans-3-Decene	140	C10H20	019150-21-1	62
3		2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	49
4		Decane, 5-methyl-6-methylene-	168	C12H24	075029-95-7	43
5		1-Butene, 2-ethyl-3-methyl-	98	C7H14	007357-93-9	43



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Sample : J1117-02
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ClientSampleId :
UST-1 14.5-15.0

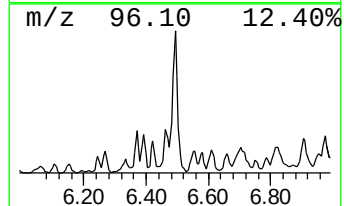
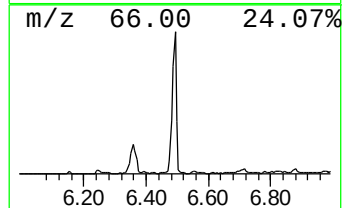
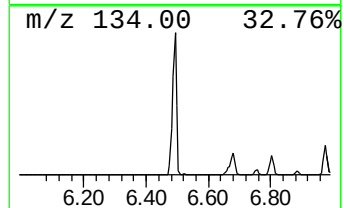
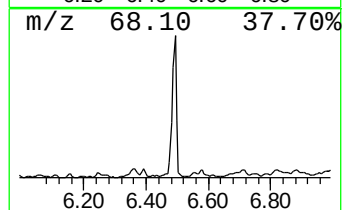
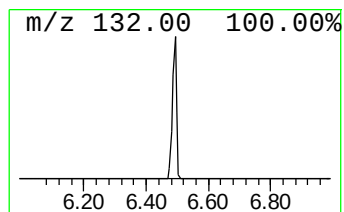
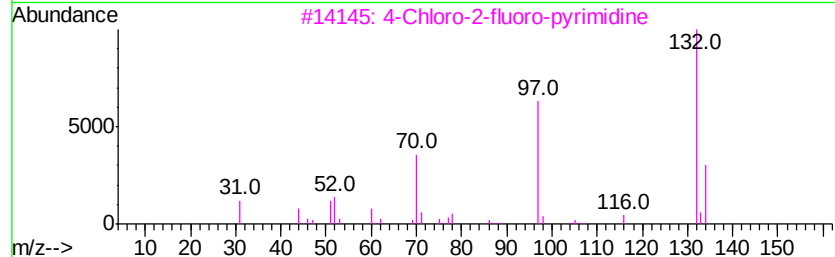
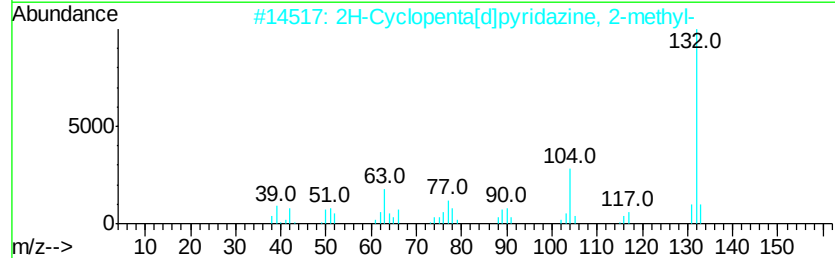
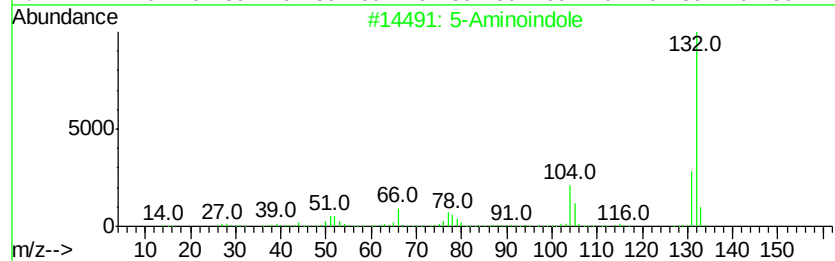
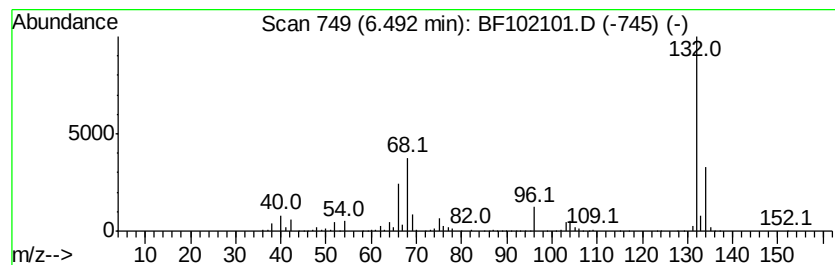
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 unknown6.49 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	66.70 ng	3578350	1,4-Dichlorobenzene-d4	6.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Aminoindole	132	C8H8N2	005192-03-0	16
2		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
3		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4		Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	9
5		Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9



Data Path : U:\HPCHEM1\BNA F\DATA\BF011618\
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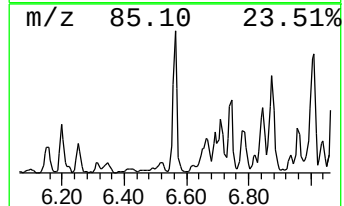
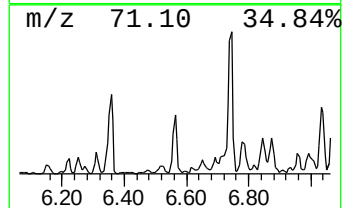
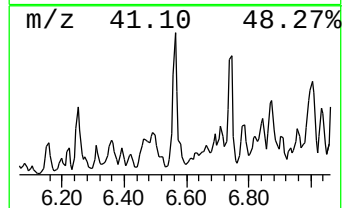
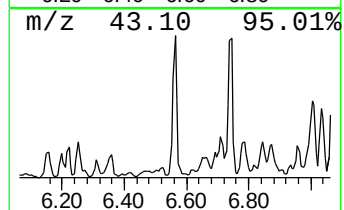
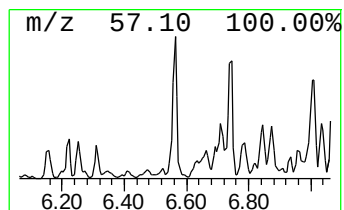
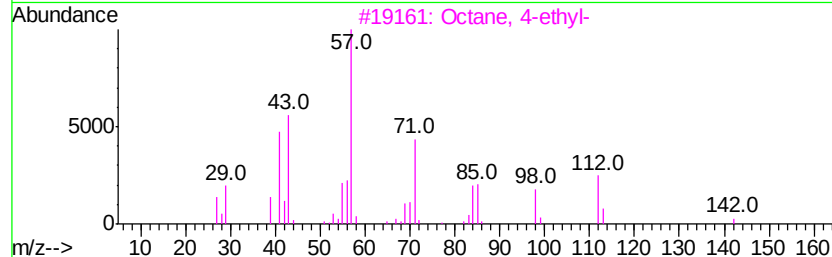
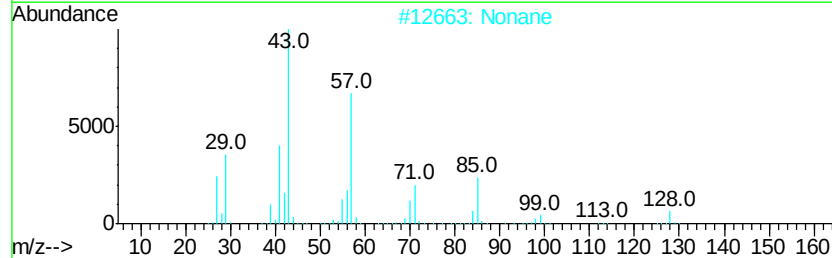
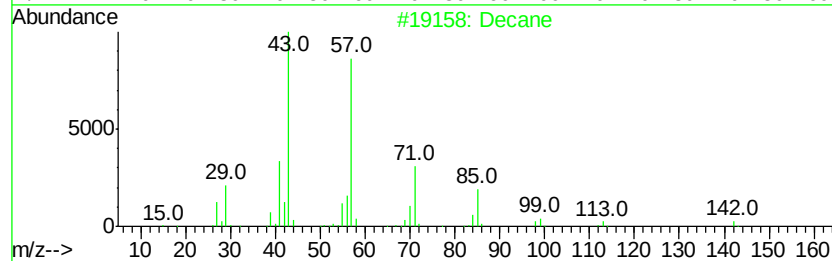
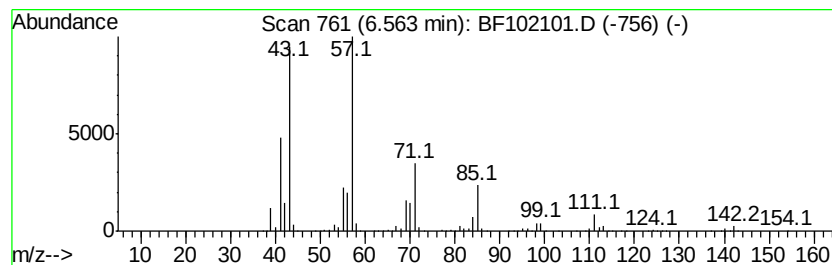
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Decane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	72.77 ng	3903960	1,4-Dichlorobenzene-d4	6.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane	142	C10H22	000124-18-5	94
2		Nonane	128	C9H20	000111-84-2	80
3		Octane, 4-ethyl-	142	C10H22	015869-86-0	72
4		Undecane	156	C11H24	001120-21-4	64
5		1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	64



Data Path : U:\HPCHEM1\BNA_F\DATA\BF011618\
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Acq On : 16 Jan 2018 11:33
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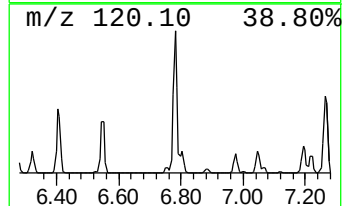
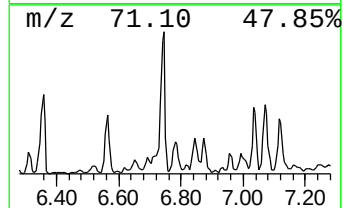
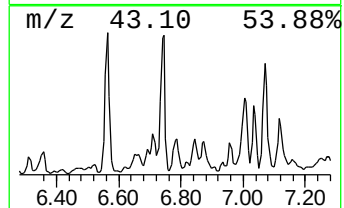
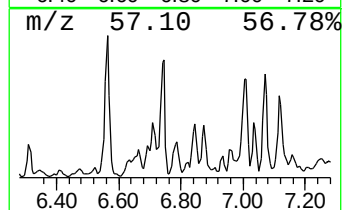
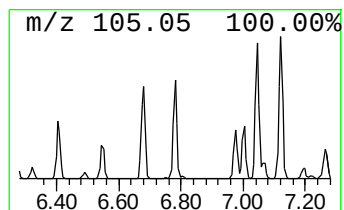
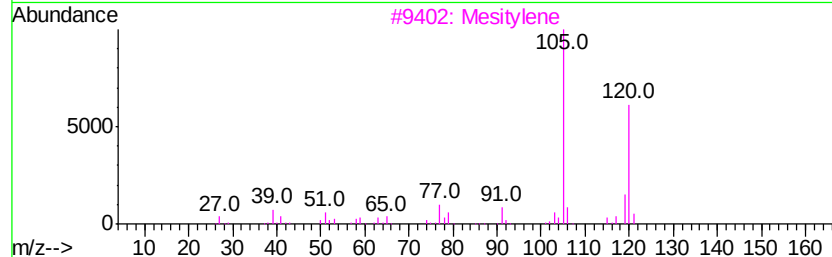
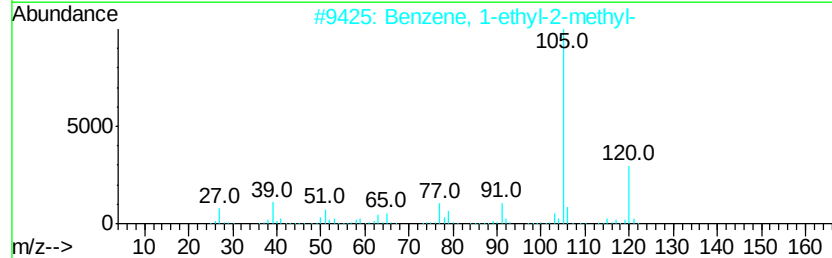
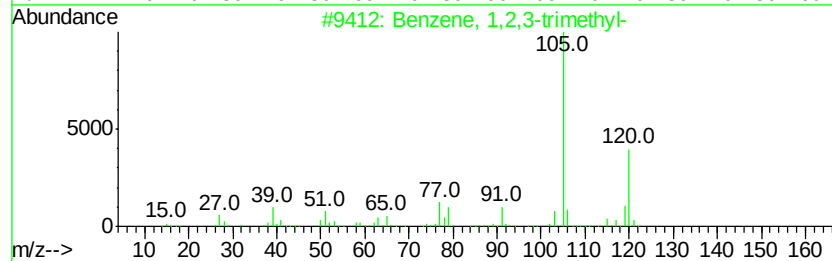
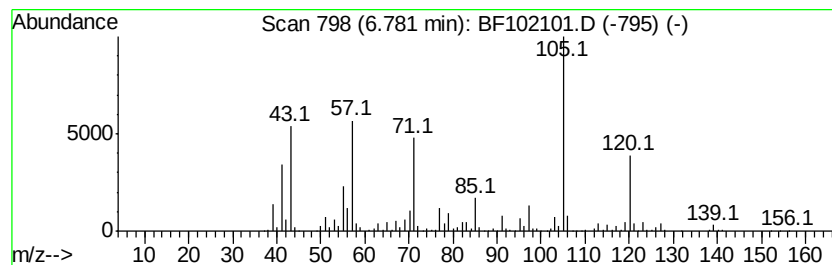
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown6.78 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.78	34.97 ng	1875940	1,4-Dichlorobenzene-d4	6.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	46
2		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	46
3		Mesitylene	120	C9H12	000108-67-8	46
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	46
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	46



Data Path : U:\HPCHEM1\BNA F\DATA\BF011618\
Data File : BF102101.D
Acq On : 16 Jan 2018 11:33
Operator : SJ/JU
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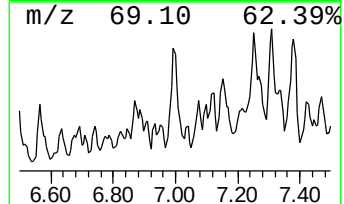
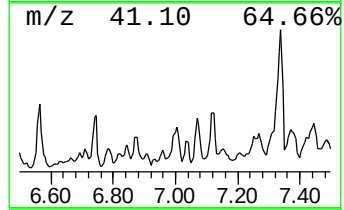
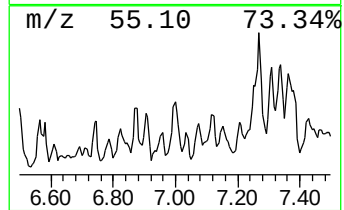
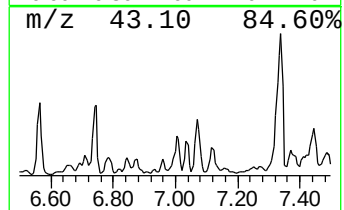
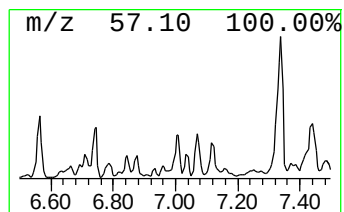
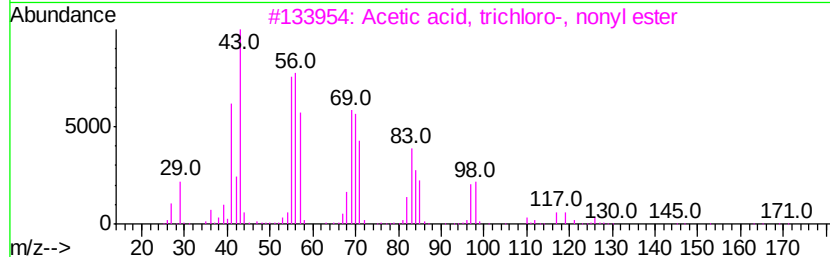
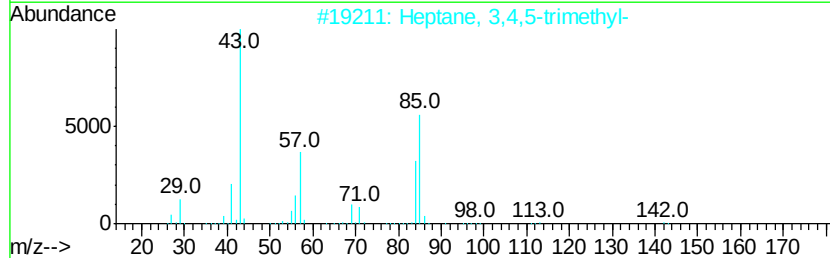
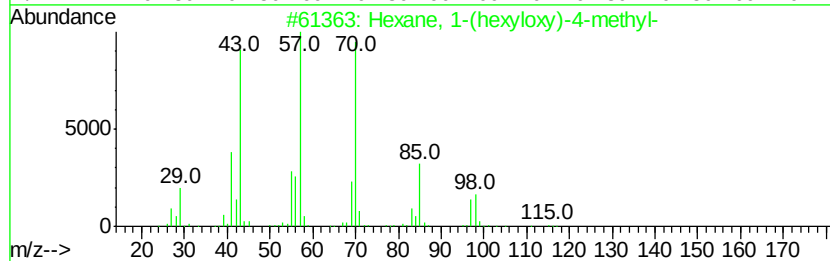
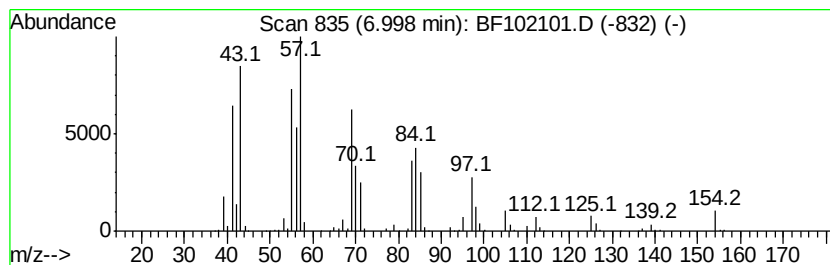
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Hexane, 1-(hexyloxy)-4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.00	59.84 ng	3210330	1,4-Dichlorobenzene-d4	6.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexane, 1-(hexyloxy)-4-methyl-	200	C13H28O	074421-20-8	72
2		Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	49
3		Acetic acid, trichloro-, nonyl e...	288	C11H19Cl3O2	065611-32-7	47
4		Heptane, 4-ethyl-	128	C9H20	002216-32-2	47
5		Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	47



Data Path : U:\HPCHEM1\BNA_F\DATA\BF011618\
Data File : BF102101.D
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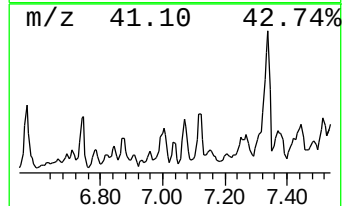
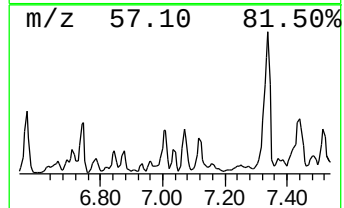
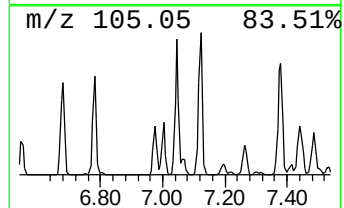
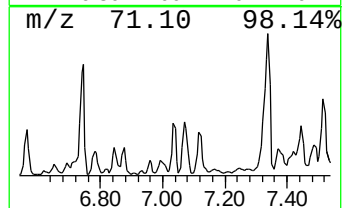
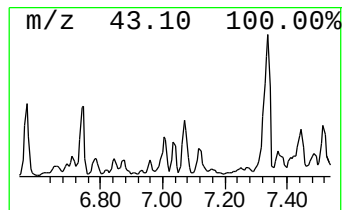
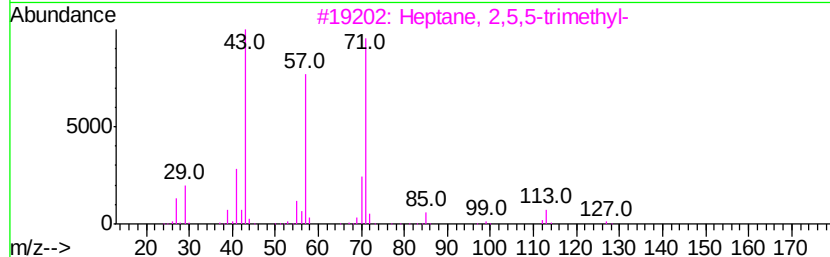
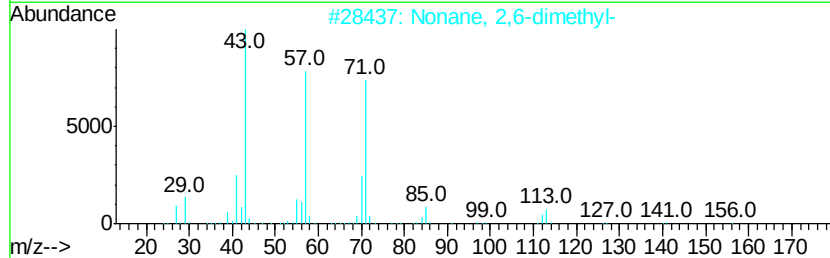
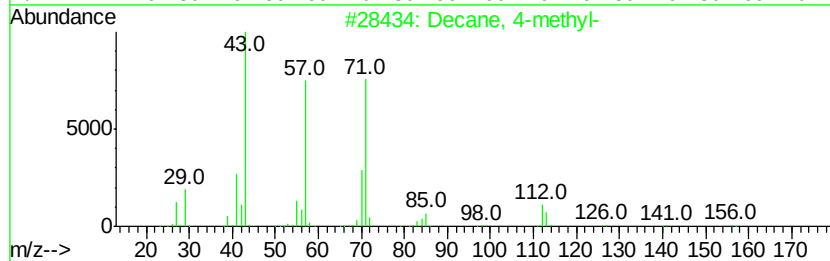
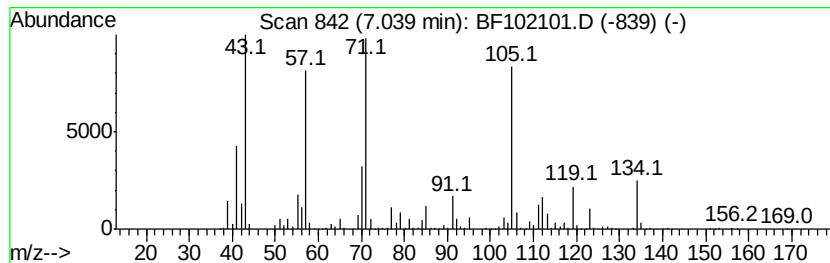
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Decane, 4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.04	41.53 ng	2227890	1,4-Dichlorobenzene-d4	6.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 4-methyl-	156	C11H24	002847-72-5	60
2		Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	60
3		Heptane, 2,5,5-trimethyl-	142	C10H22	001189-99-7	47
4		Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	43
5		Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	43



Data Path : U:\HPCHEM1\BNA F\DATA\BF011618\
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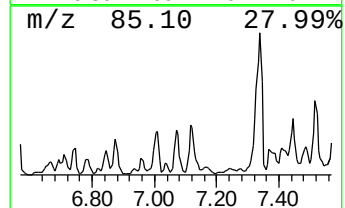
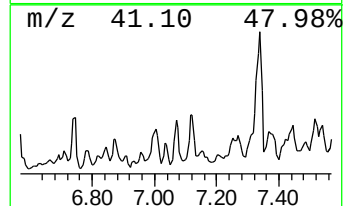
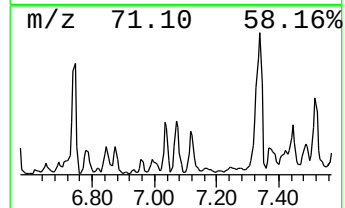
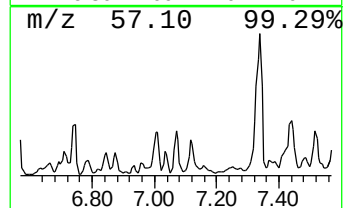
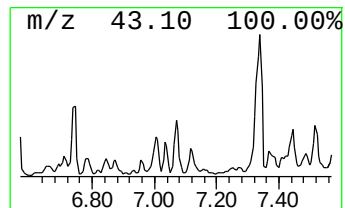
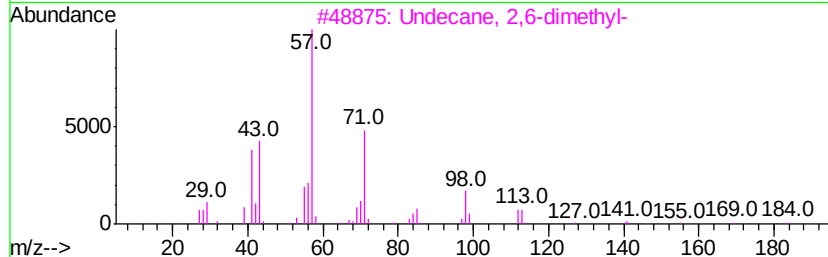
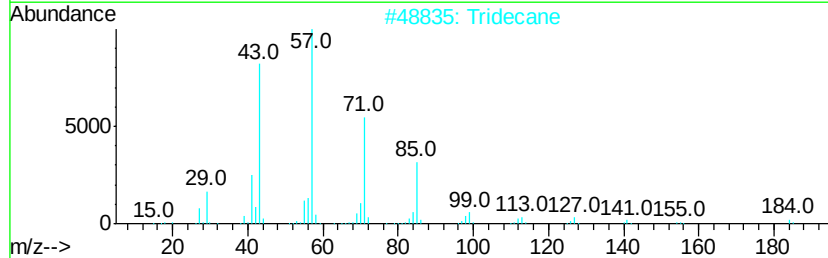
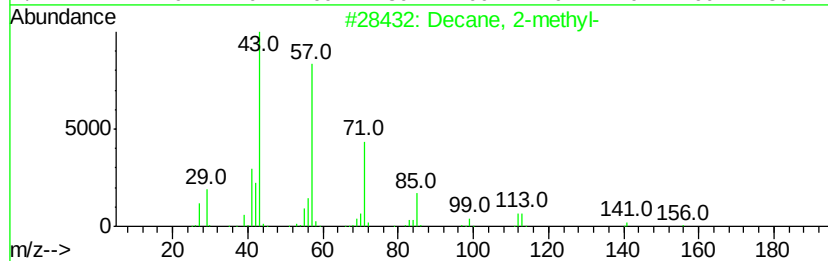
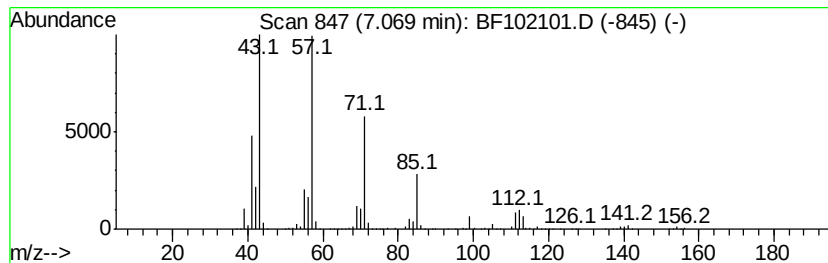
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Decane, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.07	39.27 ng	2106580	1,4-Dichlorobenzene-d4	6.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2-methyl-	156	C11H24	006975-98-0	93
2		Tridecane	184	C13H28	000629-50-5	59
3		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	59
4		Hexadecane	226	C16H34	000544-76-3	59
5		3-Ethyl-3-methylheptane	142	C10H22	017302-01-1	59



Data Path : U:\HPCHEM1\BNA F\DATA\BF011618\
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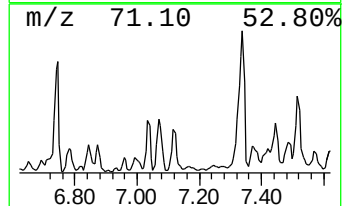
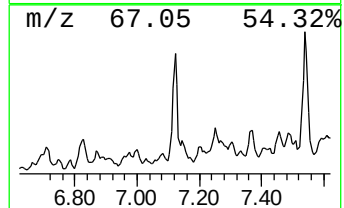
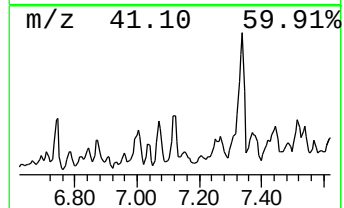
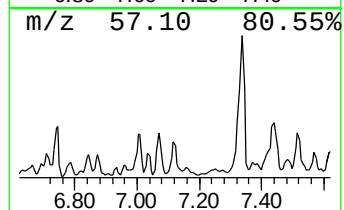
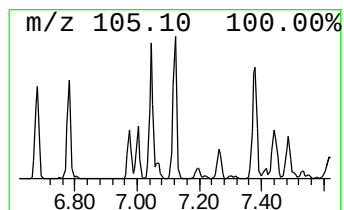
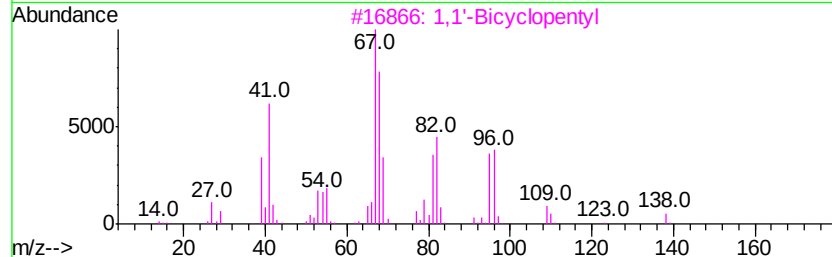
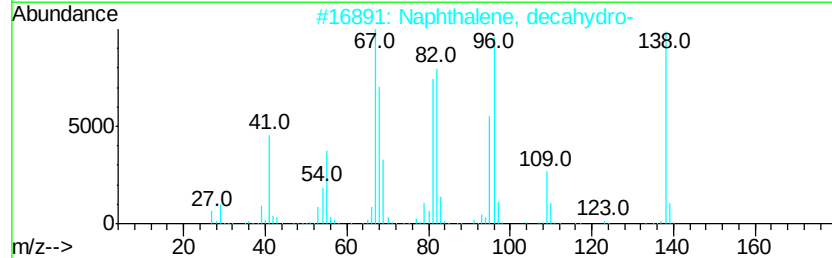
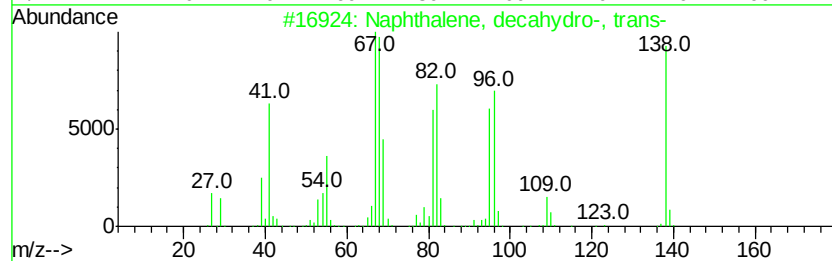
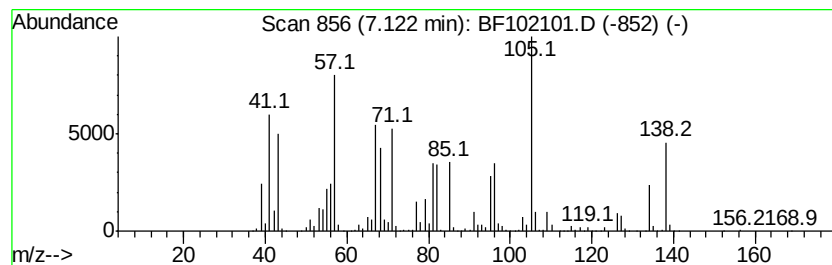
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, decahydro-, tr... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.12	71.42 ng	3831700	1,4-Dichlorobenzene-d4	6.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	93
2		Naphthalene, decahydro-	138	C10H18	000091-17-8	45
3		1,1'-Bicyclopentyl	138	C10H18	001636-39-1	43
4		5-Decen-1-ol, (E)-	156	C10H20O	056578-18-8	41
5		5-Decen-1-ol, (Z)-	156	C10H20O	051652-47-2	41



Data Path : U:\HPCHEM1\BNA_F\DATA\BF011618\
Data File : BF102101.D
Acq On : 16 Jan 2018 11:33
Operator : SJ/JU
Sample : J1117-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
UST-1 14.5-15.0

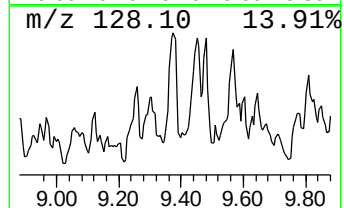
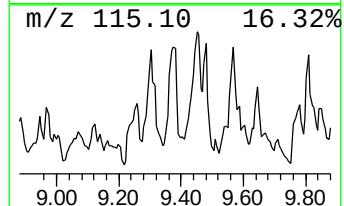
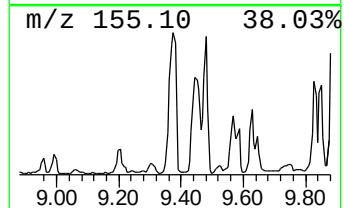
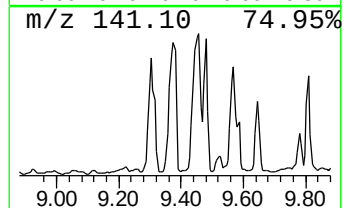
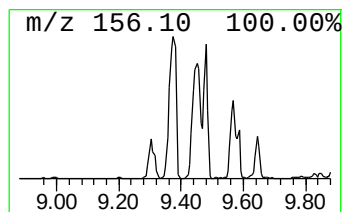
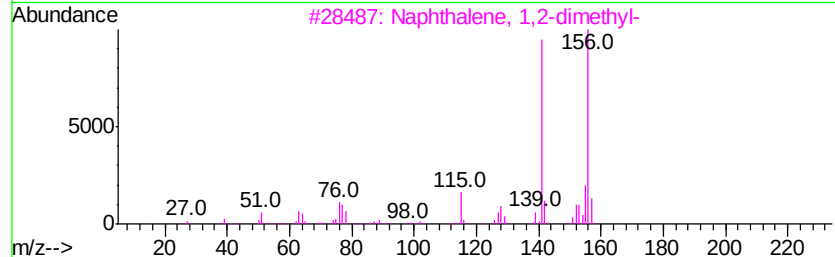
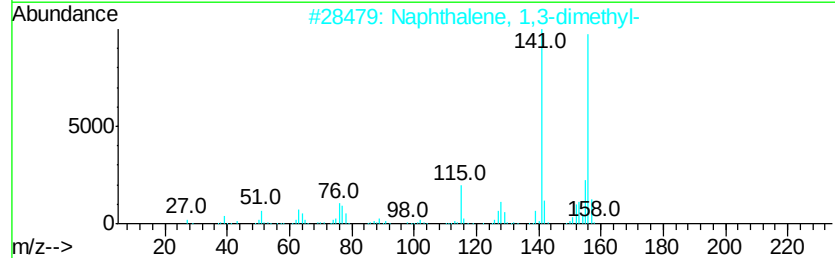
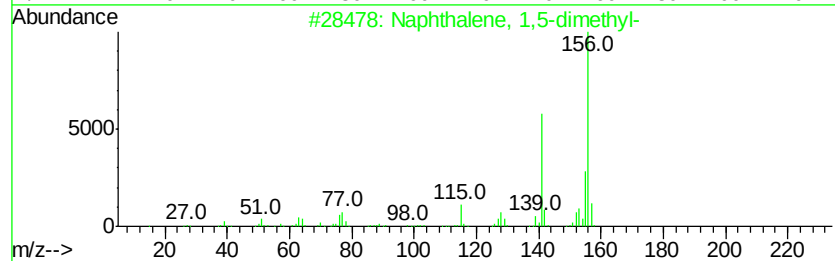
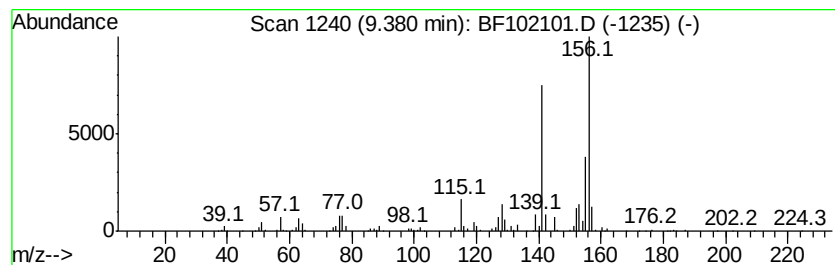
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 1,5-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.38	26.48 ng	3865020	Acenaphthene-d10	9.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3		Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
4		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96



Data Path : U:\HPCHEM1\BNA F\DATA\BF011618\
Data File : BF102101.D
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Operator : SJ/JU
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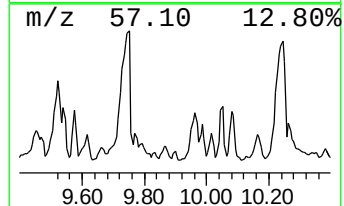
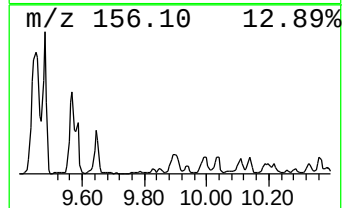
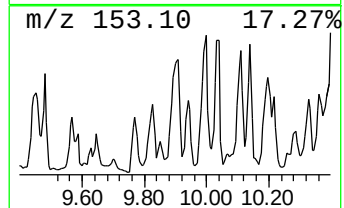
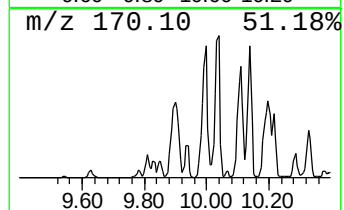
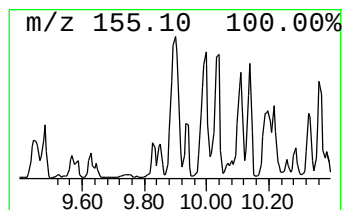
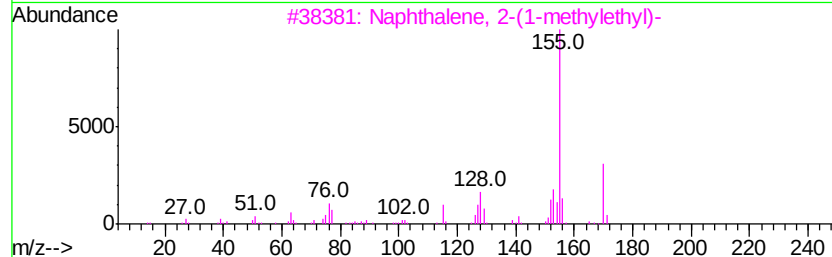
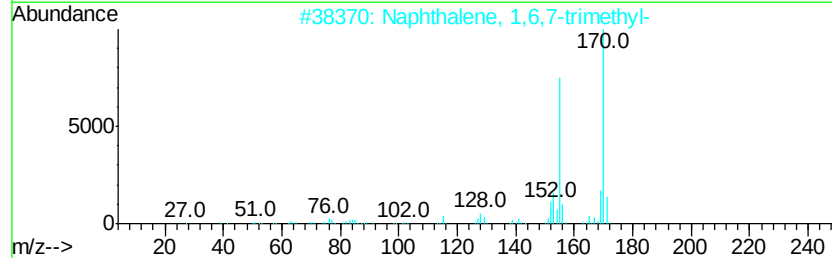
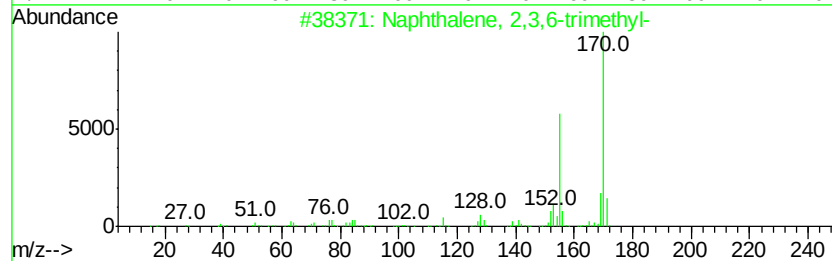
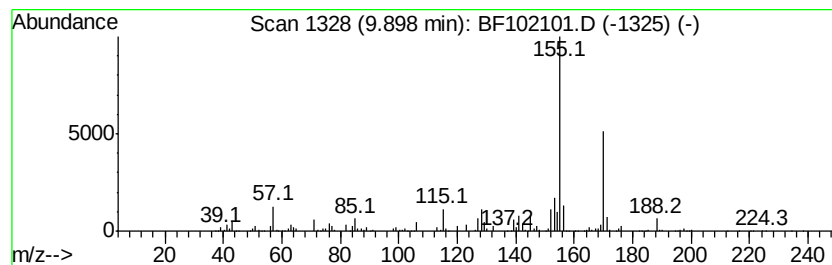
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 2,3,6-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.90	22.45 ng	3278050	Acenaphthene-d10	9.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	91
3		Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91
4		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	86
5		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	83



Data Path : U:\HPCHEM1\BNA F\DATA\BF011618\
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Operator : SJ/JU
Sample : J1117-02
Misc :
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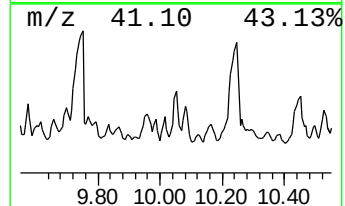
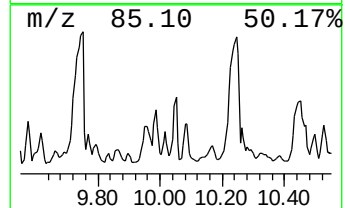
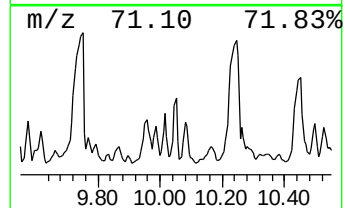
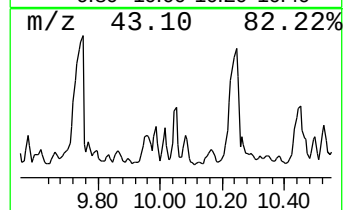
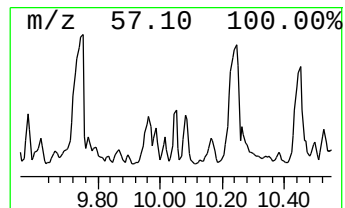
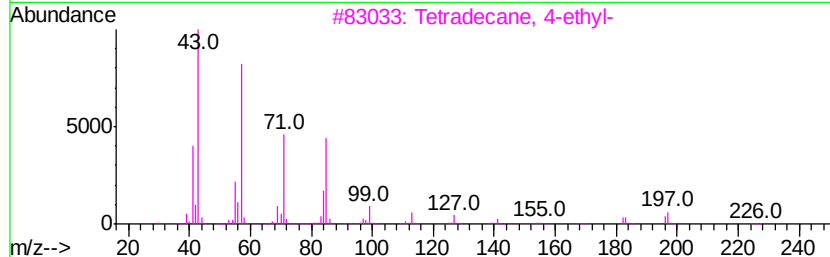
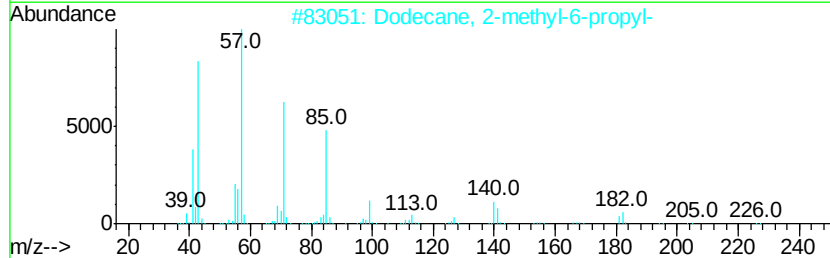
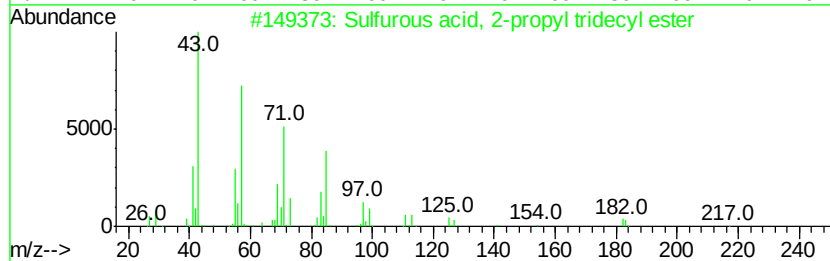
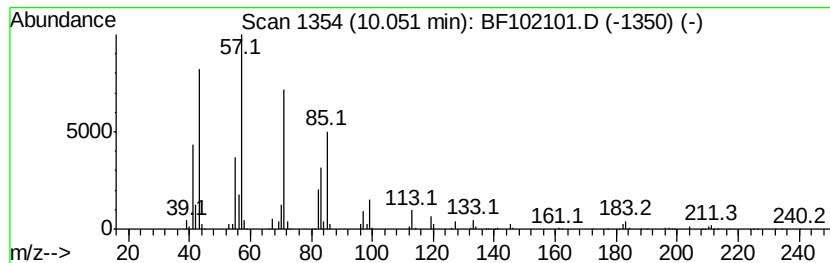
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ClientSampleId :
UST-1 14.5-15.0

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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 Sulfurous acid, 2-propyl tr... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.05	21.69 ng	3166240	Acenaphthene-d10	9.79
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Sulfurous acid, 2-propyl tridecyl...	306 C16H34O3S	1000309-12-4 80
2		Dodecane, 2-methyl-6-propyl-	226 C16H34	055045-08-4 64
3		Tetradecane, 4-ethyl-	226 C16H34	055045-14-2 60
4		Docosane	310 C22H46	000629-97-0 59
5		Sulfurous acid, pentadecyl 2-pro...	334 C18H38O3S	1000309-12-6 59



Data Path : U:\HPCHEM1\BNA_F\DATA\BF011618\
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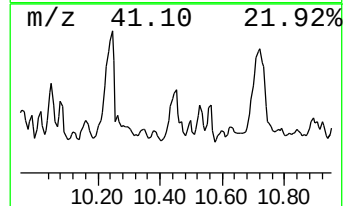
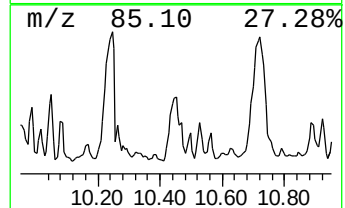
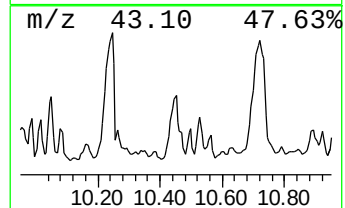
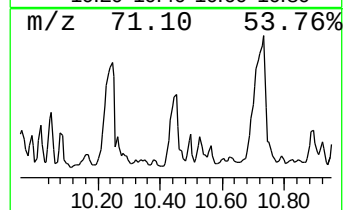
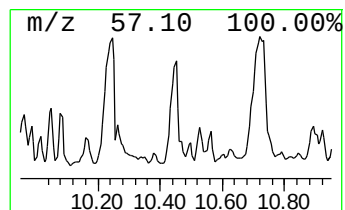
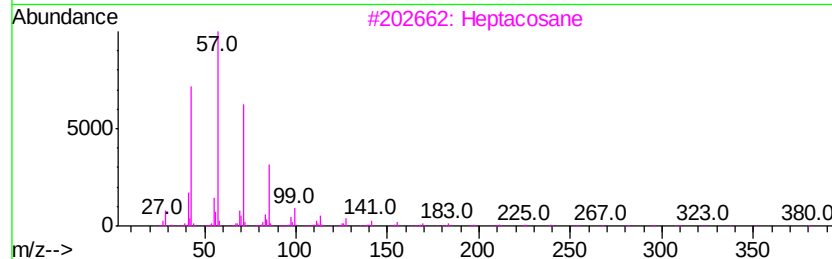
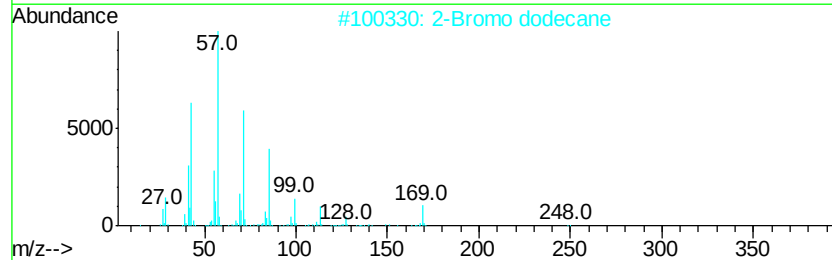
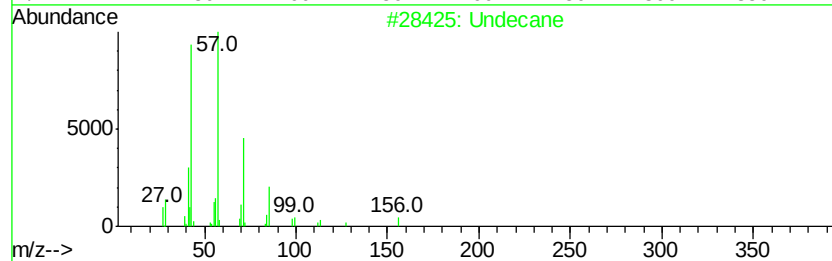
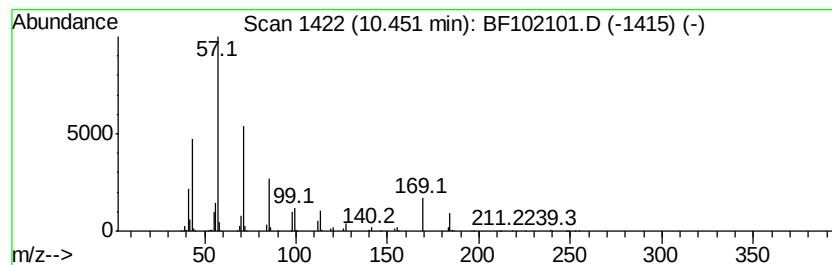
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Undecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.45	42.97 ng	6273590	Acenaphthene-d10	9.79
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Undecane	156 C11H24	001120-21-4	74
2	2-Bromo dodecane	248 C12H25Br	013187-99-0	72
3	Heptacosane	380 C27H56	000593-49-7	59
4	Hexadecane, 2,6,10,14-tetramethyl-	282 C20H42	000638-36-8	53
5	Pentadecane	212 C15H32	000629-62-9	53



Data Path : U:\HPCHEM1\BNA F\DATA\BF011618\
Data File : BF102101.D
Acq On : 16 Jan 2018 11:33
Operator : SJ/JU
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Misc :
ALS Vial : 5 Sample Multiplier: 1

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UST-1 14.5-15.0

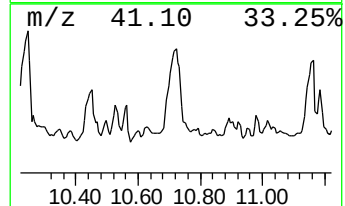
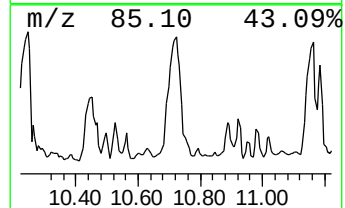
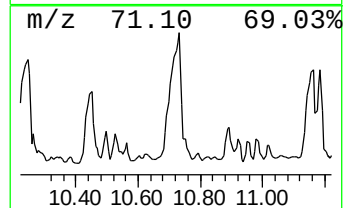
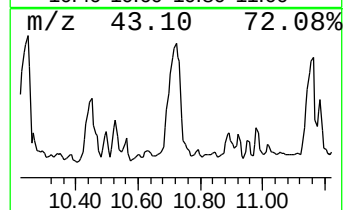
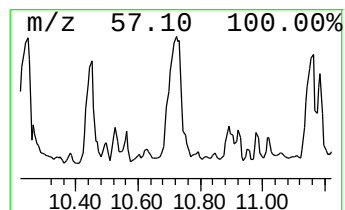
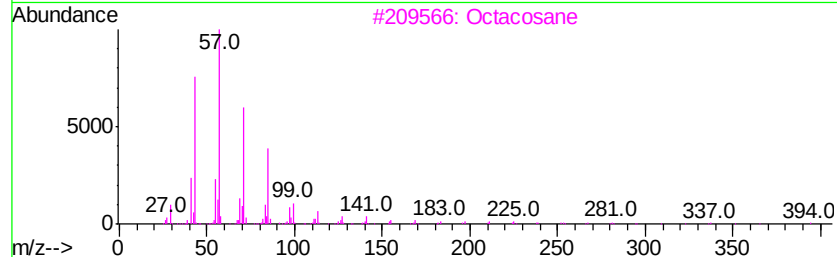
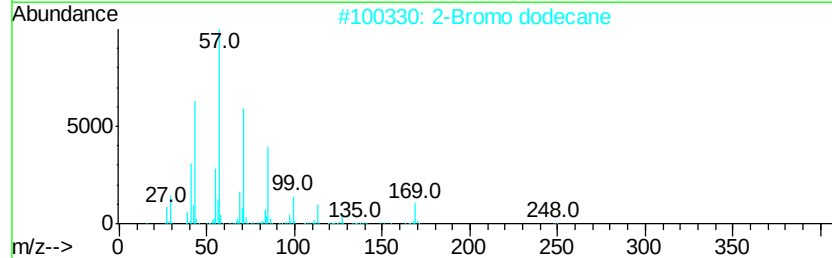
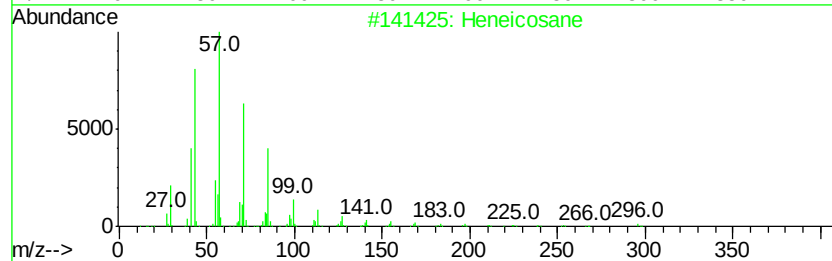
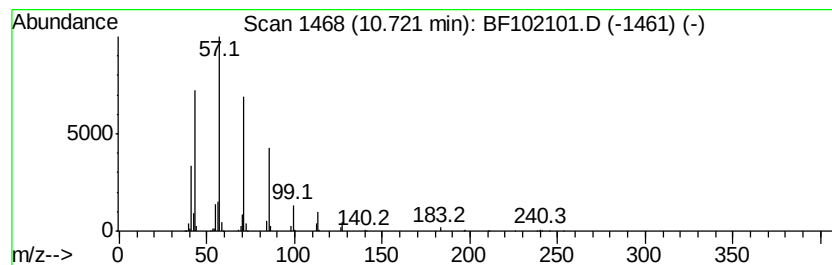
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.72	40.99 ng	7902320	Phenanthrene-d10	11.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	90
2		2-Bromo dodecane	248	C12H25Br	013187-99-0	90
3		Octacosane	394	C28H58	000630-02-4	90
4		Tetracosane	338	C24H50	000646-31-1	90
5		Tetratetracontane	619	C44H90	007098-22-8	86



Data Path : U:\HPCHEM1\BNA F\DATA\BF011618\
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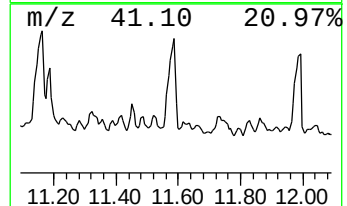
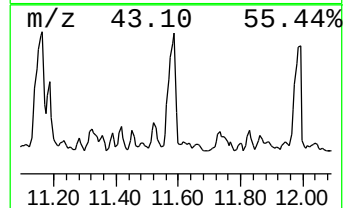
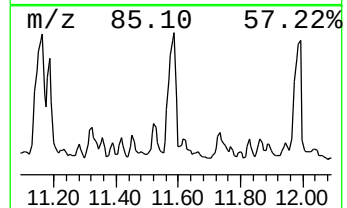
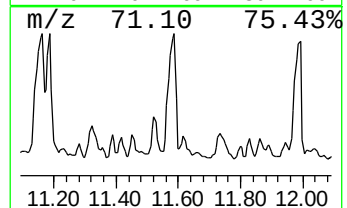
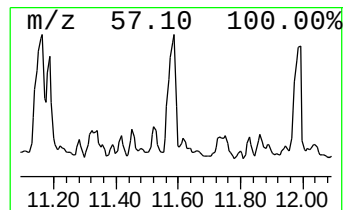
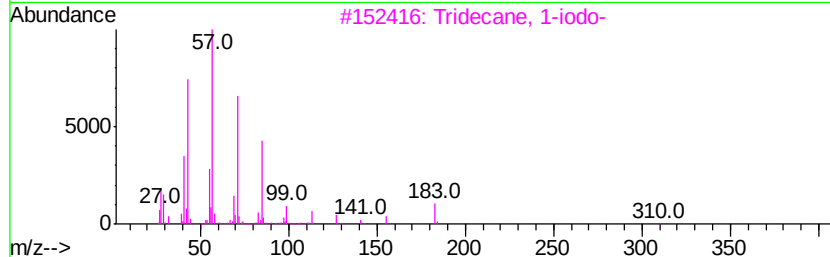
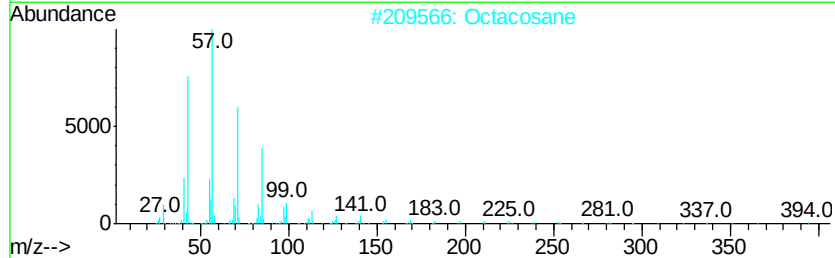
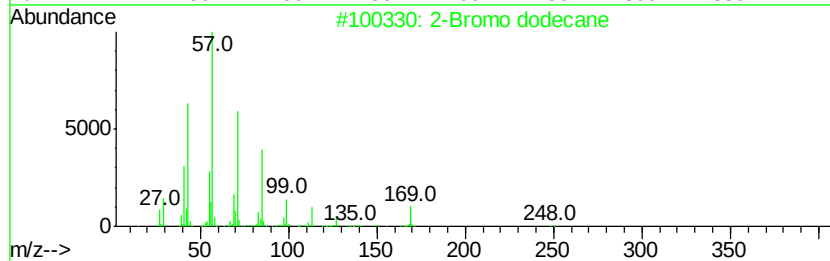
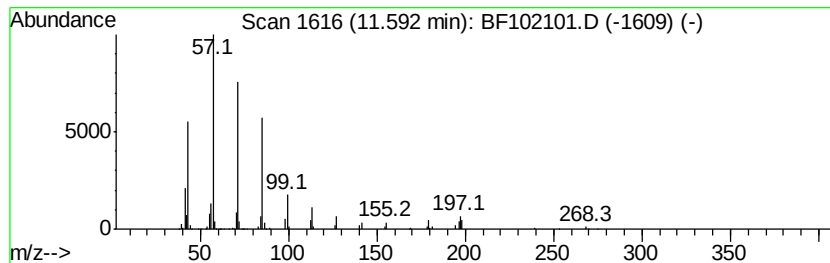
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 2-Bromo dodecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.59	26.61 ng	5131160	Phenanthrene-d10	11.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Bromo dodecane	248	C12H25Br	013187-99-0	90
2		Octacosane	394	C28H58	000630-02-4	90
3		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
4		Hexacosane	366	C26H54	000630-01-3	83
5		Eicosane, 10-methyl-	296	C21H44	054833-23-7	78



Data Path : U:\HPCHEM1\BNA_F\DATA\BF011618\
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 Acq On : 16 Jan 2018 11:33
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 Sample : J1117-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.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
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unknown6.16	6.16	20.4	ng	1092630	1	6.72	1072930	20.0
Cyclohexane, 1,1,...	6.25	35.8	ng	1922620	1	6.72	1072930	20.0
unknown6.49	6.49	66.7	ng	3578350	1	6.72	1072930	20.0
Decane	6.56	72.8	ng	3903960	1	6.72	1072930	20.0
unknown6.78	6.78	35.0	ng	1875940	1	6.72	1072930	20.0
Hexane, 1-(hexylo...	7.00	59.8	ng	3210330	1	6.72	1072930	20.0
Decane, 4-methyl-	7.04	41.5	ng	2227890	1	6.72	1072930	20.0
Decane, 2-methyl-	7.07	39.3	ng	2106580	1	6.72	1072930	20.0
Naphthalene, deca...	7.12	71.4	ng	3831700	1	6.72	1072930	20.0
Naphthalene, 1,5-...	9.38	26.5	ng	3865020	3	9.79	2919700	20.0
Naphthalene, 2,3,...	9.90	22.4	ng	3278050	3	9.79	2919700	20.0
Sulfurous acid, 2...	10.05	21.7	ng	3166240	3	9.79	2919700	20.0
Undecane	10.45	43.0	ng	6273590	3	9.79	2919700	20.0
Heneicosane	10.72	41.0	ng	7902320	4	11.27	3855960	20.0
2-Bromo dodecane	11.59	26.6	ng	5131160	4	11.27	3855960	20.0