

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101017\
 Data File : BF099321.D
 Acq On : 11 Oct 2017 1:09
 Operator : SJ/JU
 Sample : I5745-07 10X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-100617-C

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON Filtering: 5
 Sampling : 1 Min Area: 3 % of largest Peak
 Start Thrs: 0.2 Max Peaks: 100
 Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.481	573	577	587	rVB	216075	223946	6.04%	0.943%
2	6.386	728	731	734	rBV2	59570	53012	1.43%	0.223%
3	6.486	746	748	754	rBV	220064	208952	5.64%	0.880%
4	6.633	770	773	776	rVV	283392	247914	6.69%	1.044%
5	6.692	779	783	786	rBV2	226067	207149	5.59%	0.873%
6	6.863	809	812	815	rVB	694522	549243	14.82%	2.314%
7	6.916	818	821	824	rBV2	58100	46230	1.25%	0.195%
8	7.016	833	838	841	rBV2	241557	260637	7.03%	1.098%
9	7.133	855	858	860	rVB2	113044	96631	2.61%	0.407%
10	7.157	860	862	864	rBV	53871	47979	1.29%	0.202%
11	7.180	864	866	867	rBV	55213	47737	1.29%	0.201%
12	7.239	872	876	877	rBV	94933	80907	2.18%	0.341%
13	7.392	897	902	905	rBV	122925	135936	3.67%	0.573%
14	7.422	905	907	910	rVV	149302	175837	4.75%	0.741%
15	7.451	910	912	916	rVB	513647	372050	10.04%	1.567%
16	7.504	916	921	924	rVB5	91335	122545	3.31%	0.516%
17	7.545	924	928	929	rBV2	54988	69985	1.89%	0.295%
18	7.633	940	943	945	rBV2	70915	56876	1.53%	0.240%
19	7.657	945	947	951	rVB2	81182	93843	2.53%	0.395%
20	7.739	957	961	962	rBV2	48995	53220	1.44%	0.224%
21	7.757	962	964	966	rVV2	91299	87181	2.35%	0.367%
22	7.780	966	968	972	rVV2	72993	114463	3.09%	0.482%
23	7.822	972	975	978	rVV2	107776	131066	3.54%	0.552%
24	7.851	978	980	983	rVV2	107217	113637	3.07%	0.479%
25	7.880	983	985	988	rVV2	210974	228334	6.16%	0.962%
26	7.904	988	989	991	rVV	69913	55233	1.49%	0.233%
27	7.927	991	993	995	rVV	96767	84639	2.28%	0.357%
28	7.957	995	998	1000	rVV3	85290	86612	2.34%	0.365%
29	7.980	1000	1002	1005	rVB	91432	71876	1.94%	0.303%
30	8.010	1005	1007	1010	rVB2	74195	65369	1.76%	0.275%
31	8.092	1015	1021	1022	rBV5	57385	84576	2.28%	0.356%
32	8.122	1022	1026	1028	rVV	512677	535853	14.46%	2.257%
33	8.145	1028	1030	1033	rVV	813748	656173	17.71%	2.764%
34	8.198	1035	1039	1041	rVB2	243135	249848	6.74%	1.052%

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101017\
 Data File : BF099321.D
 Acq On : 11 Oct 2017 1:09
 Operator : SJ/JU
 Sample : I5745-07 10X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-100617-C

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-BF092317.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.227	1041	1044	1046	rBV2	91485	84495	2.28%	0.356%
36	8.292	1051	1055	1057	rBV3	54424	61339	1.66%	0.258%
37	8.339	1060	1063	1066	rVB2	124123	115967	3.13%	0.488%
38	8.433	1075	1079	1083	rVB4	196190	234611	6.33%	0.988%
39	8.480	1084	1087	1090	rBV4	88076	96759	2.61%	0.408%
40	8.516	1090	1093	1097	rVB3	115519	148453	4.01%	0.625%
41	8.557	1097	1100	1102	rBV	300950	232765	6.28%	0.980%
42	8.580	1102	1104	1107	rBV2	76411	65690	1.77%	0.277%
43	8.645	1112	1115	1118	rBV	216576	182548	4.93%	0.769%
44	8.727	1126	1129	1133	rBV	598373	463169	12.50%	1.951%
45	8.769	1133	1136	1138	rBV4	41912	58113	1.57%	0.245%
46	8.804	1140	1142	1144	rBV	65308	57181	1.54%	0.241%
47	8.886	1154	1156	1159	rBV3	57026	51159	1.38%	0.215%
48	8.922	1159	1162	1164	rVV4	41620	57819	1.56%	0.244%
49	8.963	1167	1169	1171	rVV3	166263	141375	3.82%	0.596%
50	9.010	1174	1177	1178	rVV2	113878	114136	3.08%	0.481%
51	9.057	1181	1185	1187	rVB4	90210	123001	3.32%	0.518%
52	9.086	1187	1190	1195	rBV3	140184	180862	4.88%	0.762%
53	9.133	1195	1198	1199	rVV	96687	81467	2.20%	0.343%
54	9.157	1199	1202	1204	rVV2	238508	181905	4.91%	0.766%
55	9.180	1204	1206	1209	rVB2	58940	48982	1.32%	0.206%
56	9.216	1209	1212	1217	rBV	324505	266365	7.19%	1.122%
57	9.292	1221	1225	1228	rBV	509199	420081	11.34%	1.769%
58	9.369	1235	1238	1240	rVB	128516	109346	2.95%	0.461%
59	9.480	1254	1257	1261	rVV4	64169	61901	1.67%	0.261%
60	9.551	1263	1269	1270	rBV5	73731	123042	3.32%	0.518%
61	9.569	1270	1272	1275	rVV2	68416	75831	2.05%	0.319%
62	9.610	1275	1279	1281	rVV2	208635	242075	6.53%	1.020%
63	9.633	1281	1283	1287	rVV3	83230	92774	2.50%	0.391%
64	9.669	1287	1289	1292	rVV2	78159	68448	1.85%	0.288%
65	9.821	1308	1315	1319	rBV	302907	279960	7.56%	1.179%
66	9.898	1323	1328	1332	rVB	625823	583308	15.74%	2.457%
67	10.051	1350	1354	1357	rBV3	39543	56800	1.53%	0.239%
68	10.139	1366	1369	1373	rBV3	65150	75115	2.03%	0.316%
69	10.321	1395	1400	1403	rBV	172727	161930	4.37%	0.682%
70	10.539	1431	1437	1439	rBV	63848	92014	2.48%	0.388%
71	10.686	1460	1462	1467	rBV	109140	99766	2.69%	0.420%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101017\
Data File : BF099321.D
Acq On : 11 Oct 2017 1:09
Operator : SJ/JU
Sample : I5745-07 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-06-100617-C

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.792	1477	1480	1485	rBV	161913	183029	4.94%	0.771%
73	11.239	1553	1556	1558	rBV	136375	102494	2.77%	0.432%
74	11.268	1558	1561	1567	rVB	60070	69128	1.87%	0.291%
75	11.386	1577	1581	1584	rBV	659971	553210	14.93%	2.330%
76	11.663	1625	1628	1631	rBV	97442	82765	2.23%	0.349%
77	11.768	1642	1646	1649	rBV	1496298	1160879	31.33%	4.890%
78	12.068	1695	1697	1700	rBV	83759	75674	2.04%	0.319%
79	12.457	1758	1763	1765	rBV	3349508	3705547	100.00%	15.609%
80	12.480	1765	1767	1773	rVV2	3245924	2965104	80.02%	12.490%
81	12.557	1777	1780	1784	rVB	743715	620574	16.75%	2.614%
82	12.604	1785	1788	1792	rBV	73051	85807	2.32%	0.361%
83	12.798	1817	1821	1824	rBV2	65893	68957	1.86%	0.290%
84	12.833	1824	1827	1834	rVB	129781	132578	3.58%	0.558%
85	12.968	1844	1850	1853	rBV	298069	287273	7.75%	1.210%
86	13.157	1877	1882	1885	rVB3	83114	123817	3.34%	0.522%
87	13.186	1885	1887	1889	rBV	70557	57294	1.55%	0.241%
88	13.280	1900	1903	1907	rVB	74285	66858	1.80%	0.282%
89	13.527	1942	1945	1949	rBV	65445	60189	1.62%	0.254%
90	13.715	1972	1977	1980	rVB3	79535	112383	3.03%	0.473%
91	13.857	1998	2001	2003	rVB	66062	46891	1.27%	0.198%
92	13.951	2014	2017	2022	rBV	98139	107417	2.90%	0.452%
93	14.027	2026	2030	2033	rBV	662790	611440	16.50%	2.576%
94	14.174	2052	2055	2057	rBV	63685	54019	1.46%	0.228%
95	14.474	2104	2106	2109	rVB	77488	61828	1.67%	0.260%
96	14.780	2156	2158	2162	rVB	67322	59801	1.61%	0.252%
97	15.121	2213	2216	2224	rVB	88774	124810	3.37%	0.526%
98	15.503	2277	2281	2287	rVB2	362957	454459	12.26%	1.914%
99	16.192	2395	2398	2406	rVB2	108766	202708	5.47%	0.854%
100	16.627	2469	2472	2481	rVB2	120568	197339	5.33%	0.831%

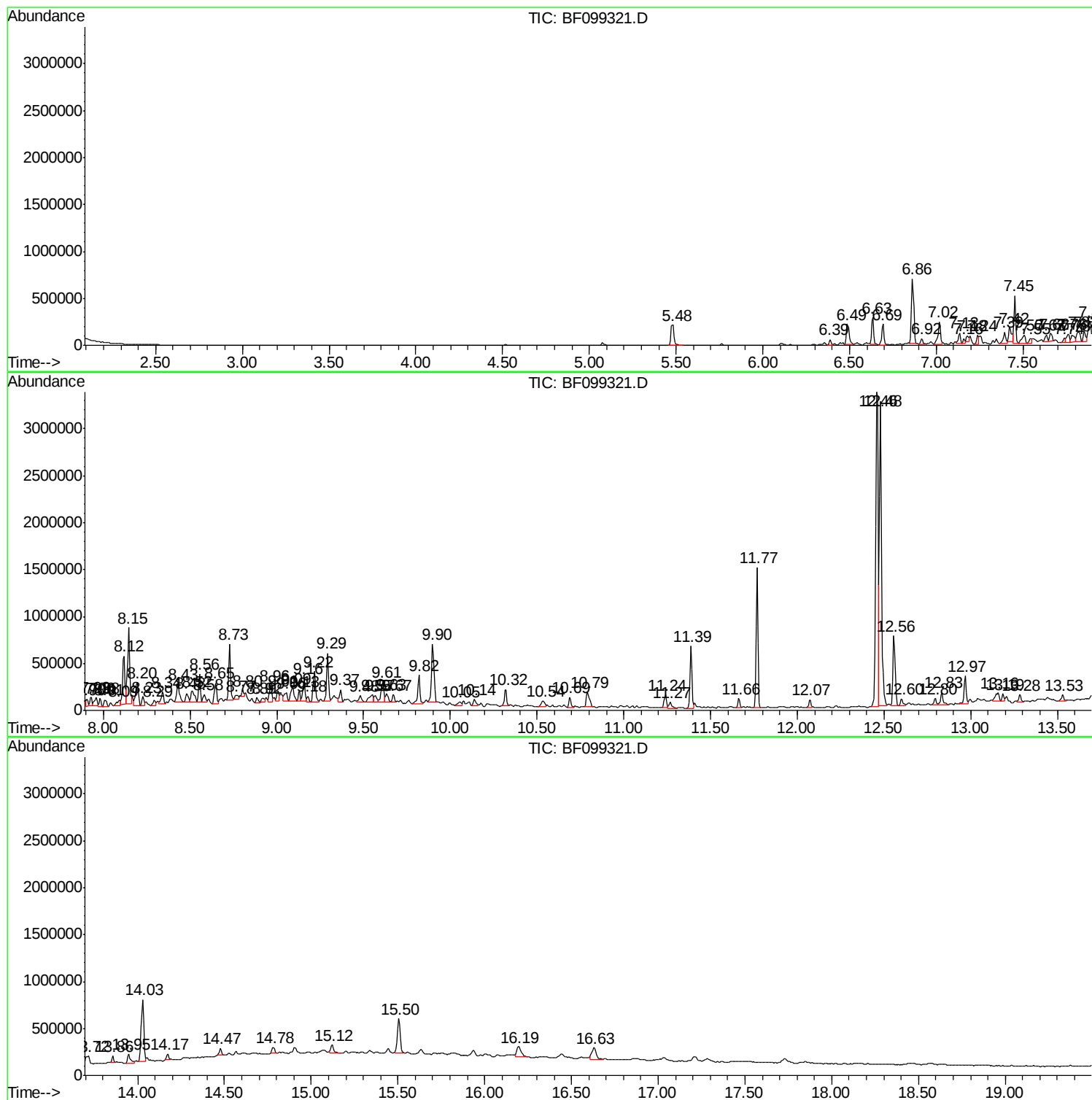
Sum of corrected areas: 23740313

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101017\
Data File : BF099321.D
Acq On : 11 Oct 2017 1:09
Operator : SJ/JU
Sample : I5745-07 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-06-100617-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101017\
Data File : BF099321.D
Acq On : 11 Oct 2017 1:09
Operator : SJ/JU
Sample : I5745-07 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-06-100617-C

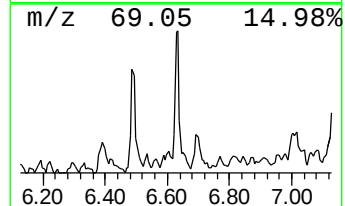
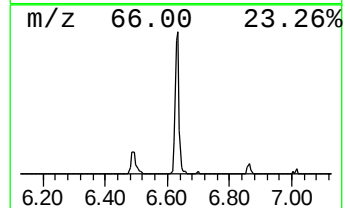
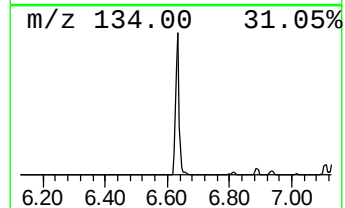
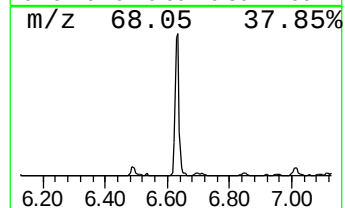
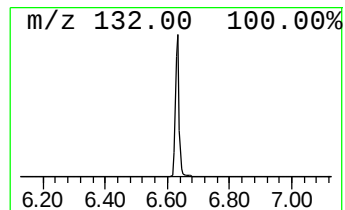
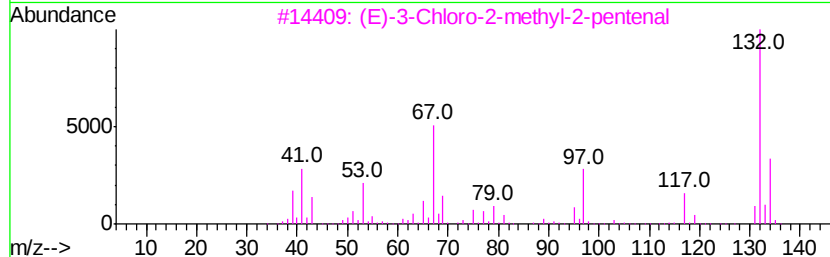
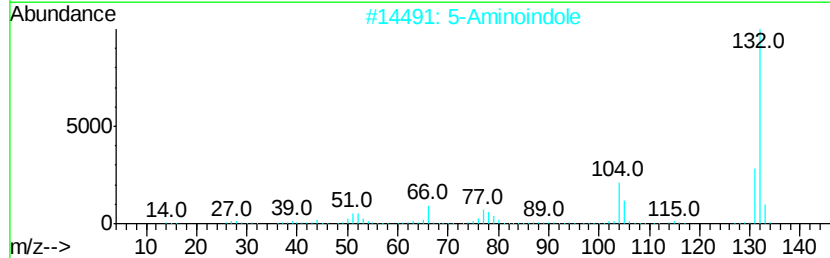
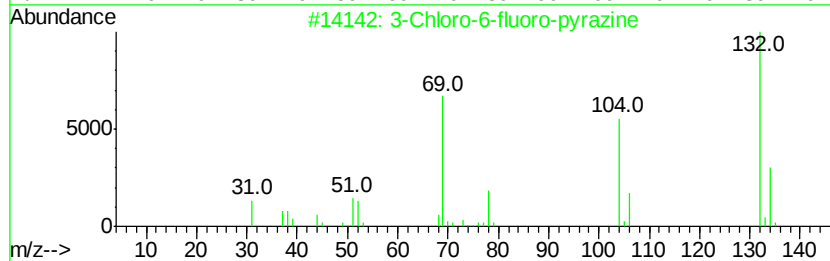
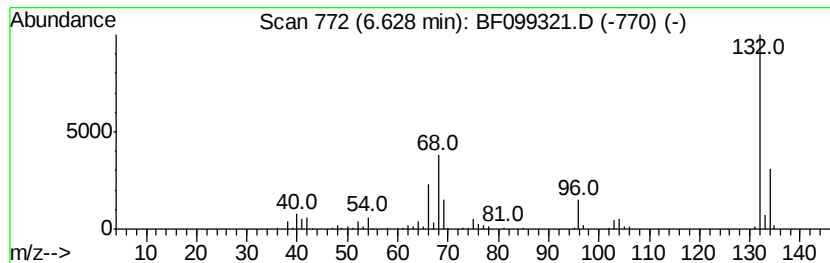
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.63 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	9.03 ng	247914	1,4-Dichlorobenzene-d4	6.86

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine			132	C4H2ClFN2	1000146-10-7	38
2	5-Aminoindole			132	C8H8N2	005192-03-0	16
3	(E)-3-Chloro-2-methyl-2-pentenal			132	C6H9ClO	031357-76-3	10
4	1-Methylpyrrolo[1,2-a]pyrazine			132	C8H8N2	064608-59-9	9
5	4-Chloro-2-fluoro-pyrimidine			132	C4H2ClFN2	051422-00-5	9



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101017\
Data File : BF099321.D
Acq On : 11 Oct 2017 1:09
Operator : SJ/JU
Sample : I5745-07 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-06-100617-C

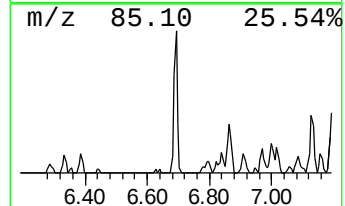
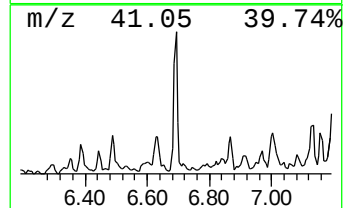
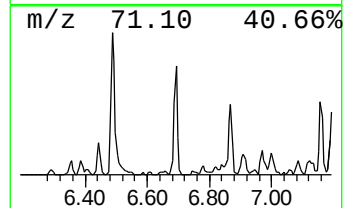
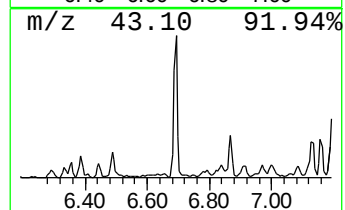
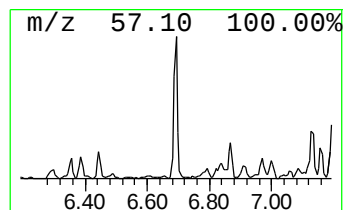
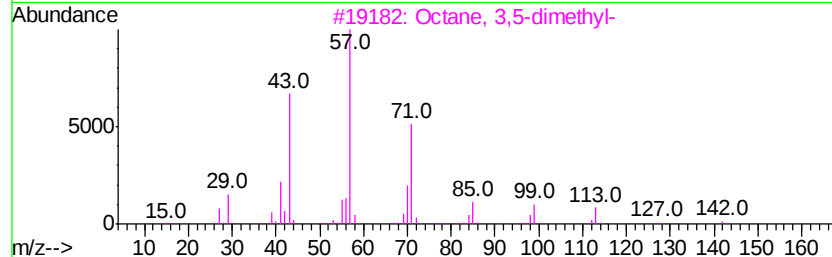
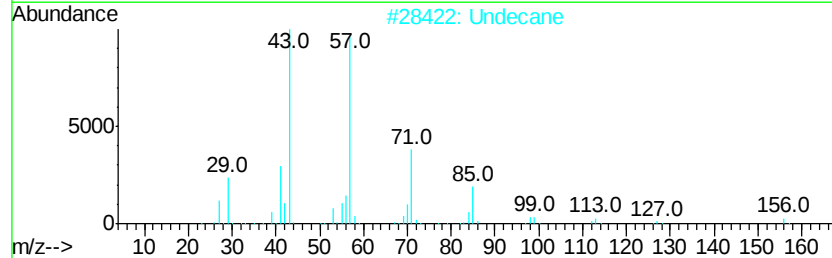
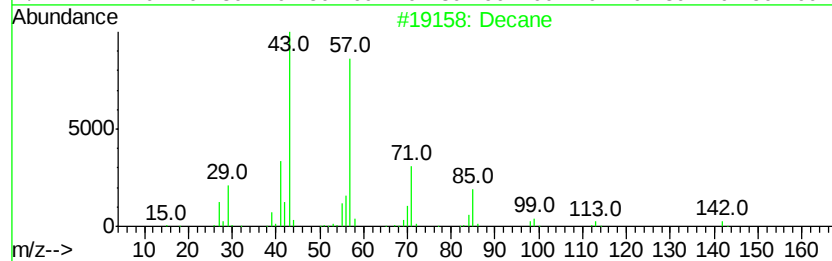
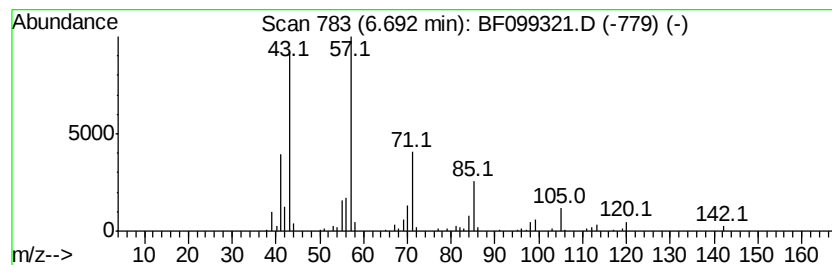
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Decane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.69	7.54 ng	207149	1,4-Dichlorobenzene-d4	6.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane	142	C10H22	000124-18-5	94
2		Undecane	156	C11H24	001120-21-4	80
3		Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	64
4		Hexadecane	226	C16H34	000544-76-3	64
5		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	59



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101017\
Data File : BF099321.D
Acq On : 11 Oct 2017 1:09
Operator : SJ/JU
Sample : I5745-07 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-06-100617-C

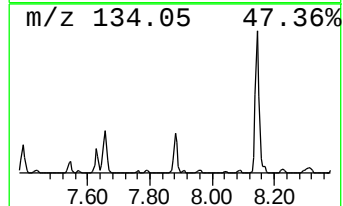
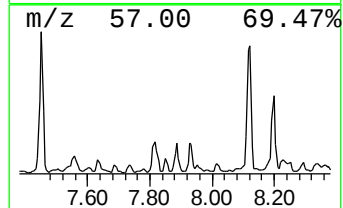
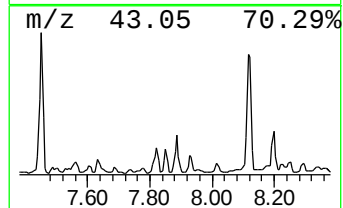
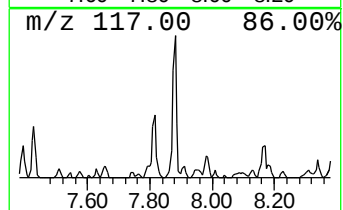
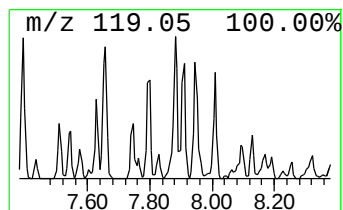
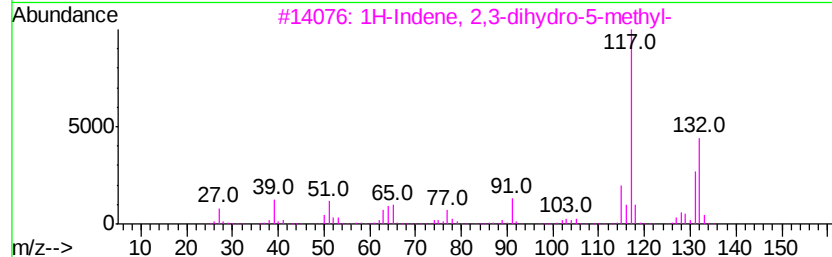
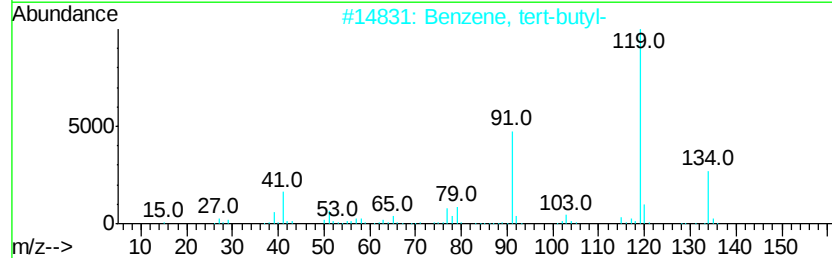
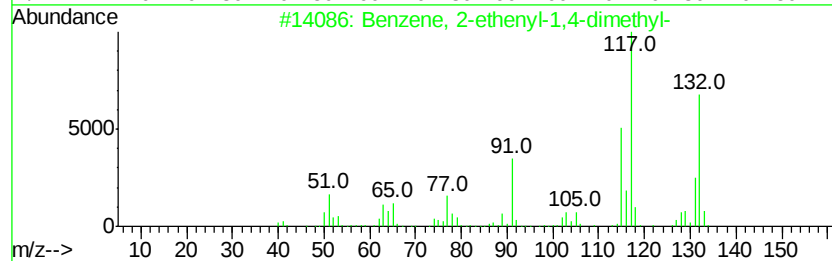
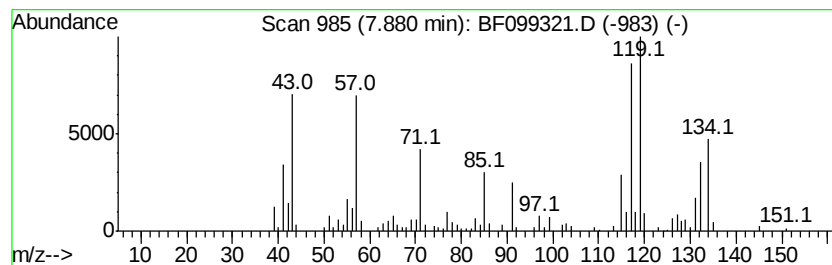
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.88	6.96 ng	228334	Naphthalene-d8	8.15

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	53
2			Benzene, tert-butyl-	134	C10H14	000098-06-6	42
3			1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	42
4			1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	42
5			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	42



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101017\
Data File : BF099321.D
Acq On : 11 Oct 2017 1:09
Operator : SJ/JU
Sample : I5745-07 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-06-100617-C

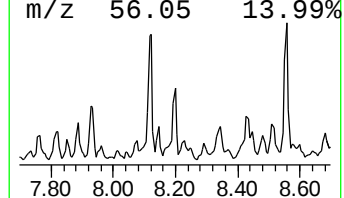
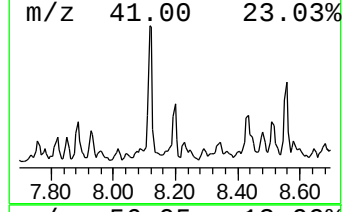
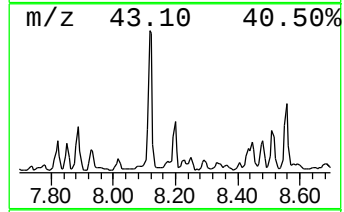
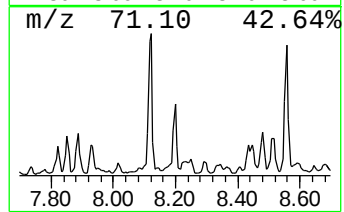
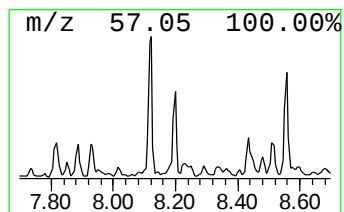
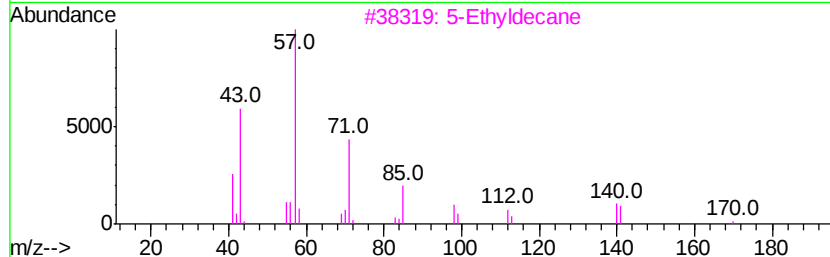
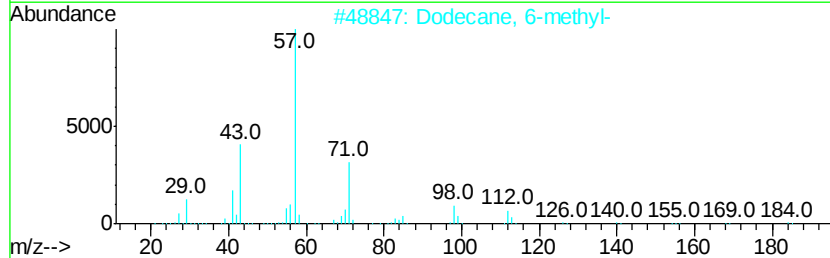
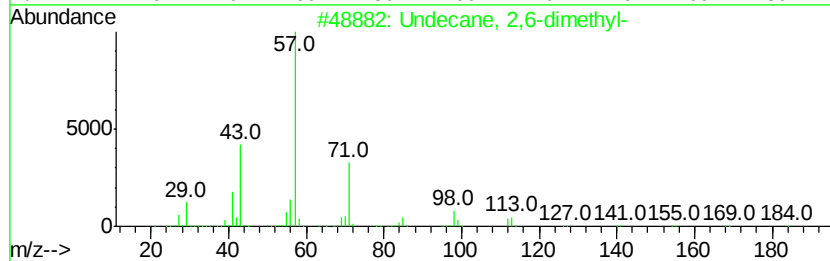
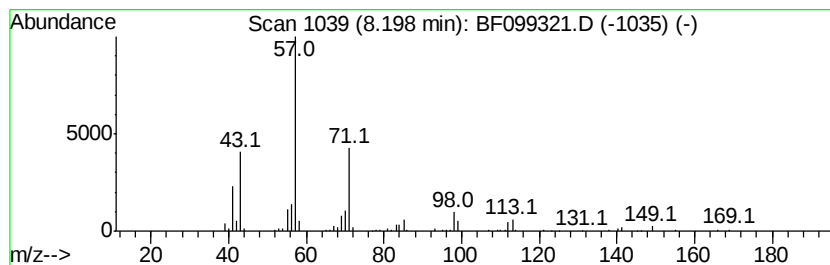
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Undecane, 2,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.20	7.62 ng	249848	Napthalene-d8	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	90
2		Dodecane, 6-methyl-	184	C13H28	006044-71-9	86
3		5-Ethyldecane	170	C12H26	017302-36-2	78
4		Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	72
5		Pentadecane	212	C15H32	000629-62-9	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101017\
Data File : BF099321.D
Acq On : 11 Oct 2017 1:09
Operator : SJ/JU
Sample : I5745-07 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-06-100617-C

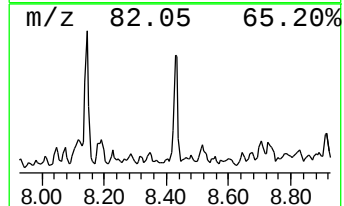
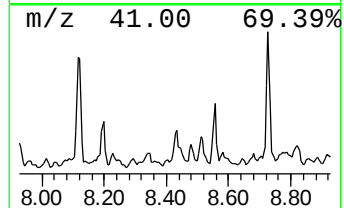
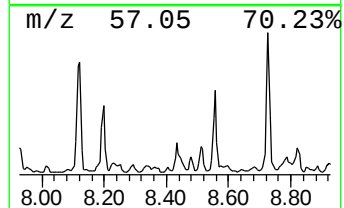
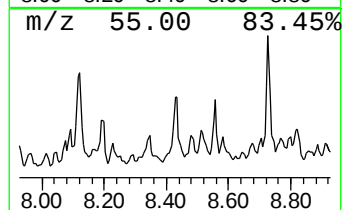
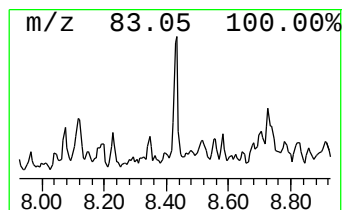
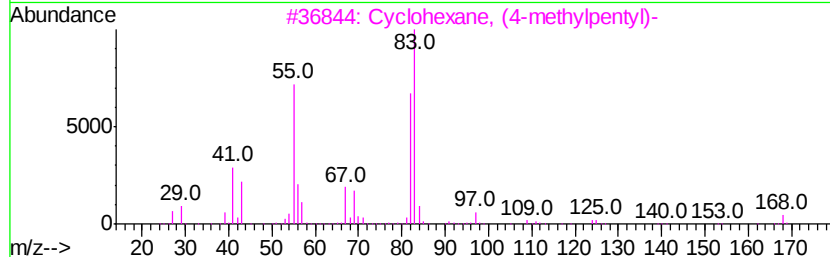
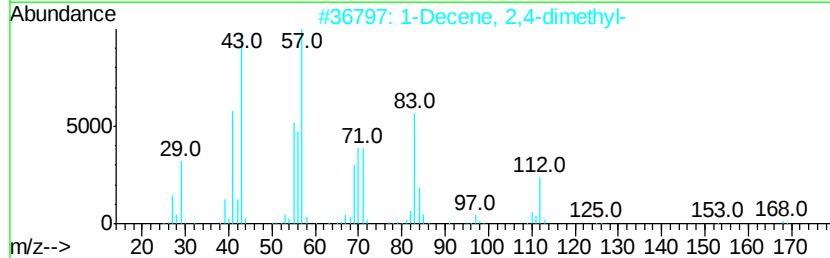
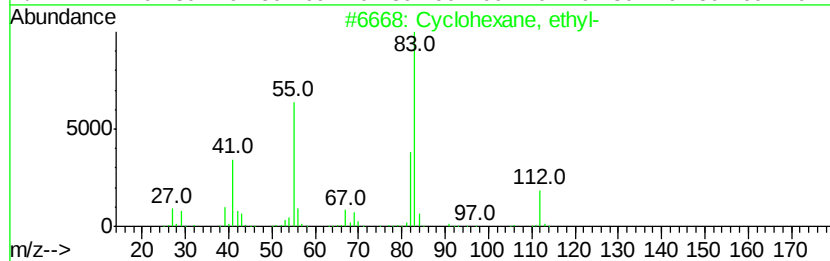
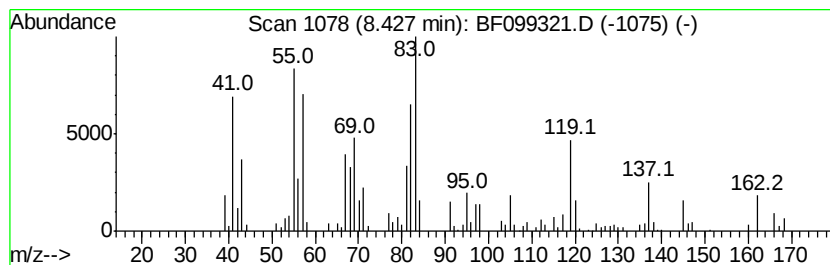
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown8.43 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.43	7.15 ng	234611	Naphthalene-d8	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, ethyl-	112	C8H16	001678-91-7	30
2		1-Decene, 2,4-dimethyl-	168	C12H24	055170-80-4	27
3		Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	25
4		2-Hydroxy-2-methyl-but-3-enyl 2-...	184	C10H16O3	080758-67-4	22
5		Cyclohexane, pentyl-	154	C11H22	004292-92-6	22



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101017\
Data File : BF099321.D
Acq On : 11 Oct 2017 1:09
Operator : SJ/JU
Sample : I5745-07 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-06-100617-C

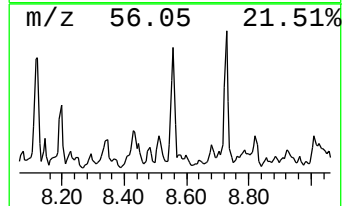
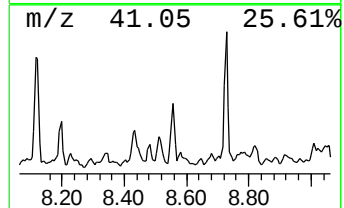
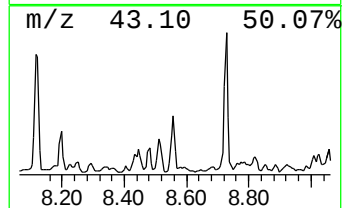
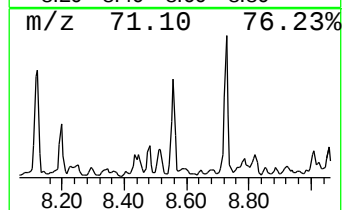
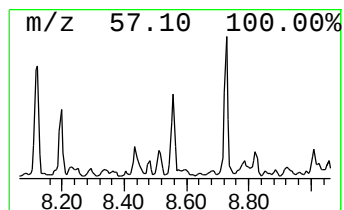
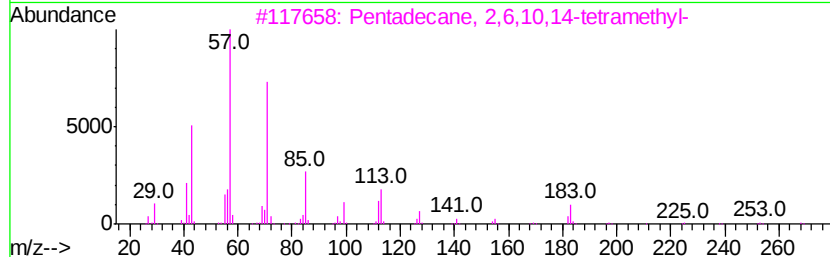
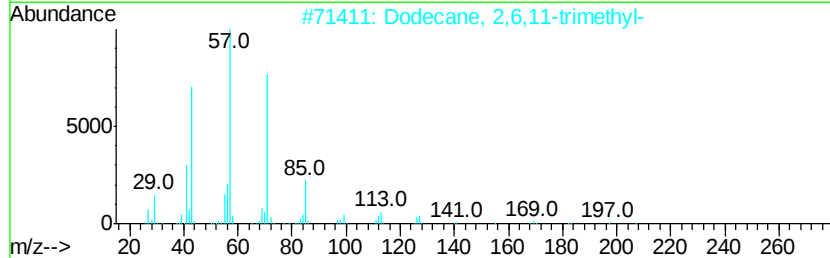
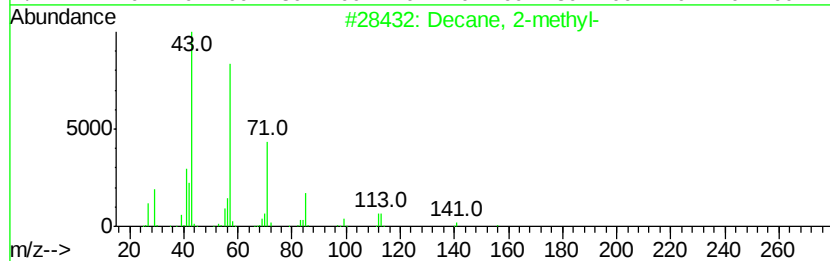
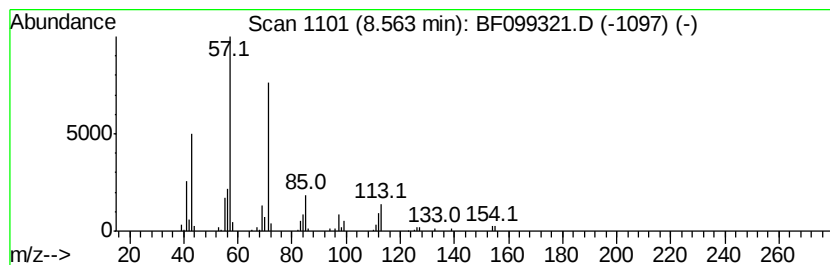
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Decane, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.56	7.09 ng	232765	Naphthalene-d8	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2-methyl-	156	C11H24	006975-98-0	86
2		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	83
3		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	83
4		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	80
5		Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101017\
Data File : BF099321.D
Acq On : 11 Oct 2017 1:09
Operator : SJ/JU
Sample : I5745-07 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-06-100617-C

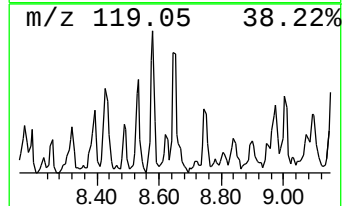
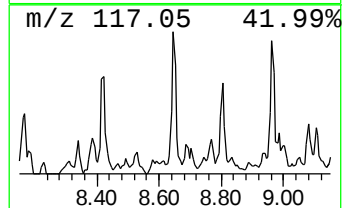
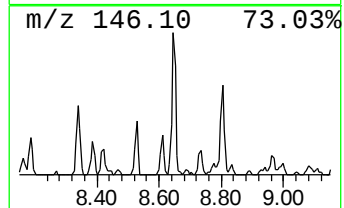
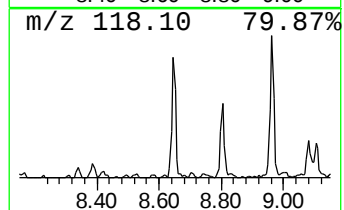
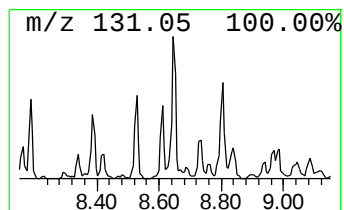
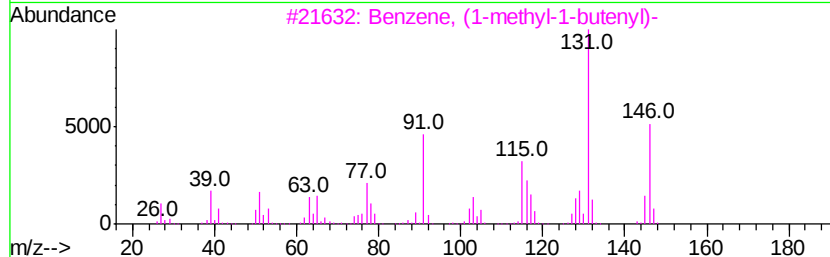
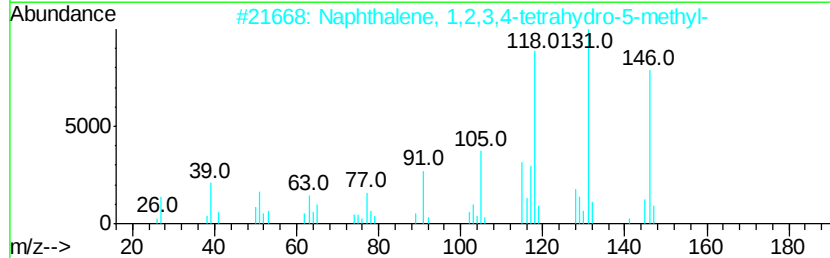
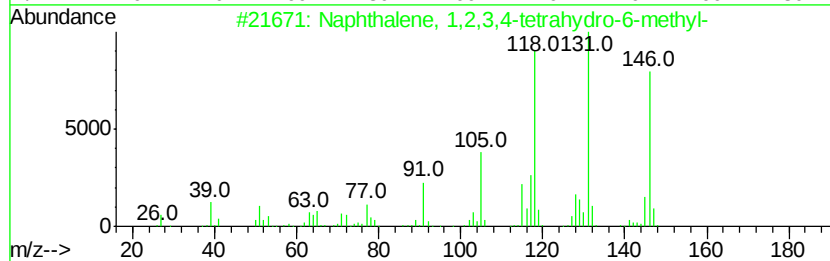
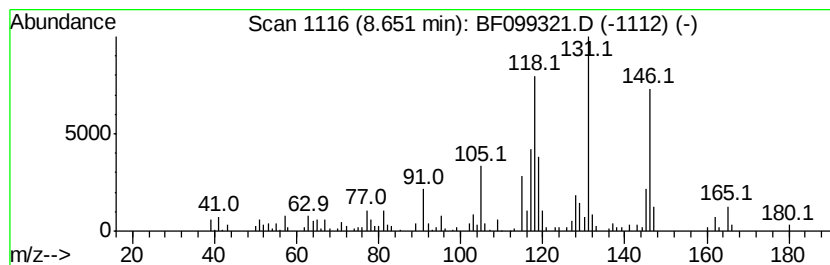
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 1,2,3,4-tetra... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.65	5.56 ng	182548	Naphthalene-d8	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	96
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	96
3		Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	70
4		2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	68
5		1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	60



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101017\
Data File : BF099321.D
Acq On : 11 Oct 2017 1:09
Operator : SJ/JU
Sample : I5745-07 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-06-100617-C

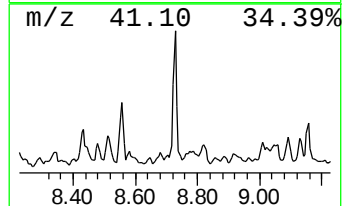
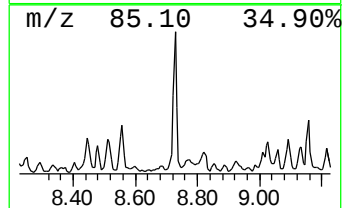
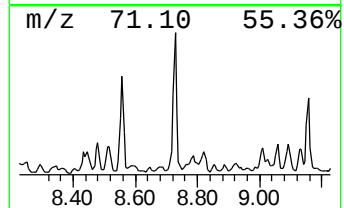
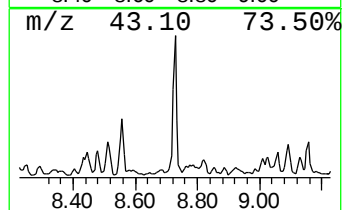
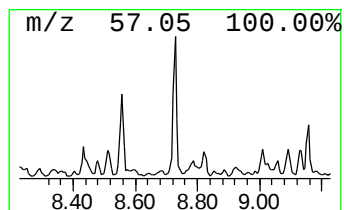
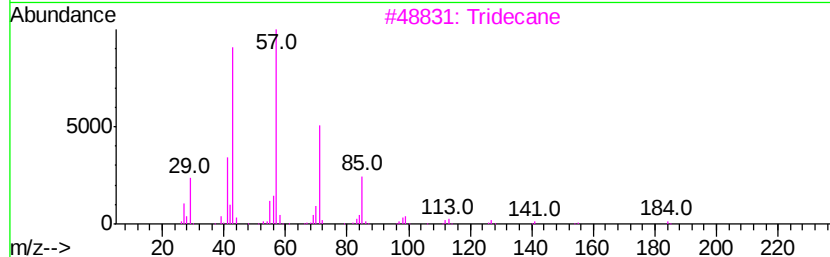
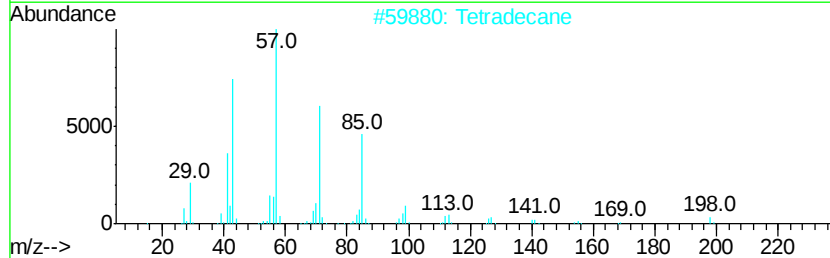
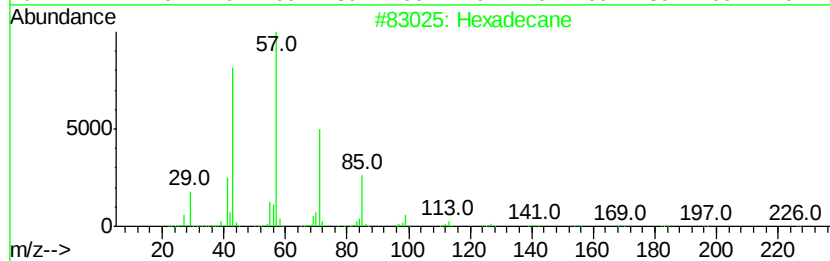
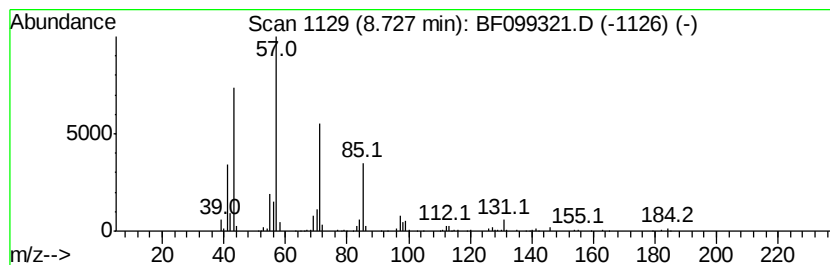
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Hexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.73	14.12 ng	463169	Naphthalene-d8	8.15

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	86
2	Tetradecane		198	C14H30	000629-59-4	86
3	Tridecane		184	C13H28	000629-50-5	81
4	Eicosane, 10-methyl-		296	C21H44	054833-23-7	78
5	Nonadecane		268	C19H40	000629-92-5	78



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101017\
Data File : BF099321.D
Acq On : 11 Oct 2017 1:09
Operator : SJ/JU
Sample : I5745-07 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-06-100617-C

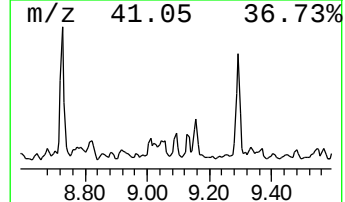
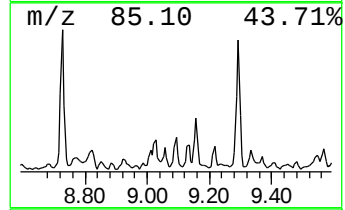
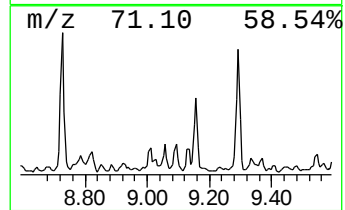
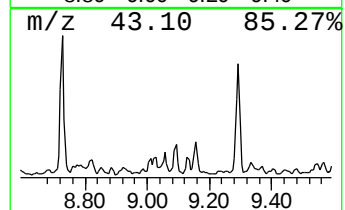
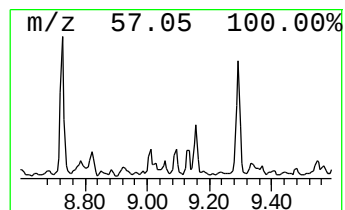
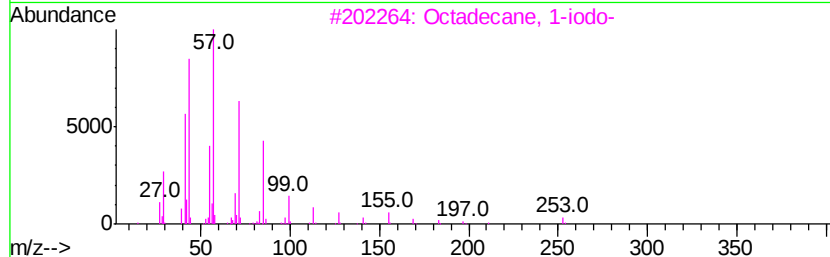
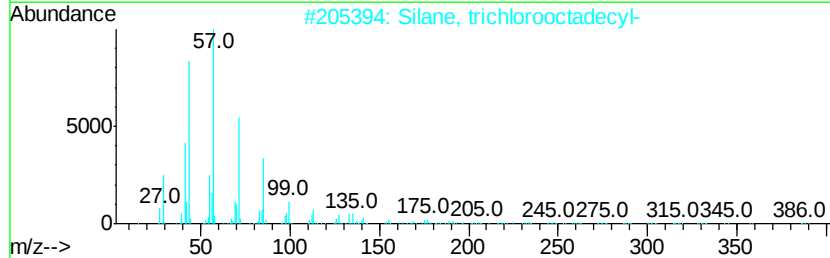
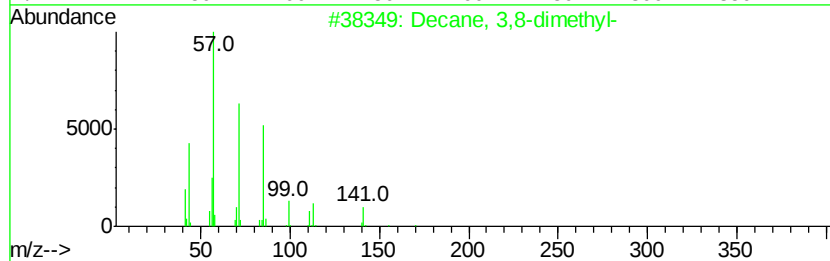
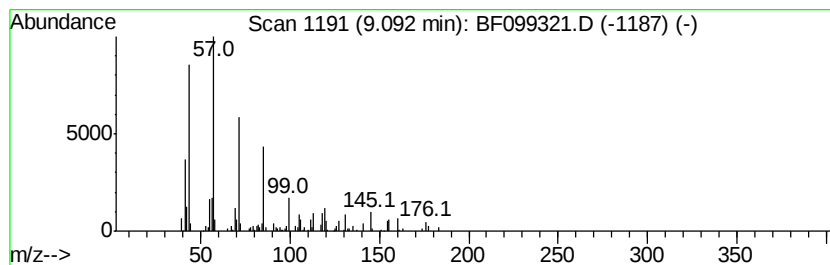
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown9.09 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.09	6.20 ng	180862	Acenaphthene-d10	9.90

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	18
2			Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	18
3			Octadecane, 1-iodo-	380	C18H37I	000629-93-6	18
4			Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	18
5			Eicosane, 10-methyl-	296	C21H44	054833-23-7	14



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101017\
Data File : BF099321.D
Acq On : 11 Oct 2017 1:09
Operator : SJ/JU
Sample : I5745-07 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-06-100617-C

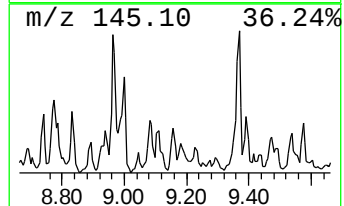
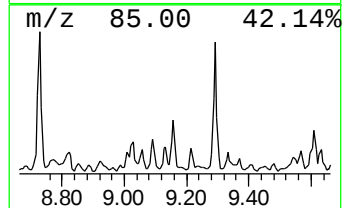
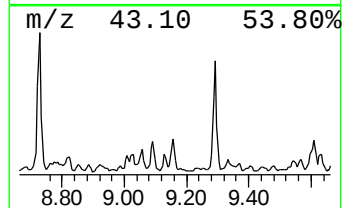
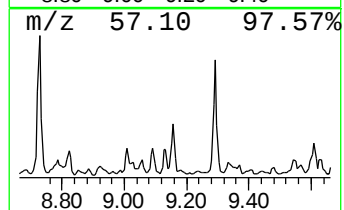
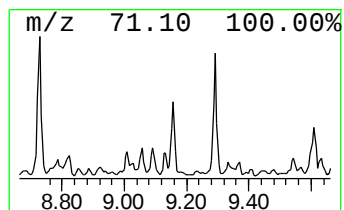
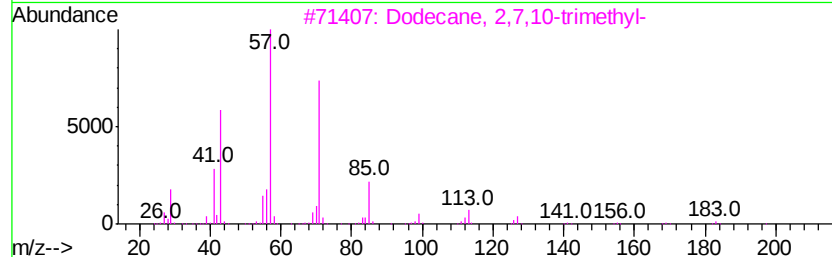
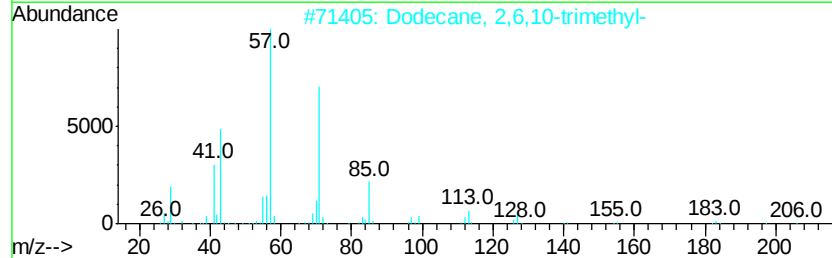
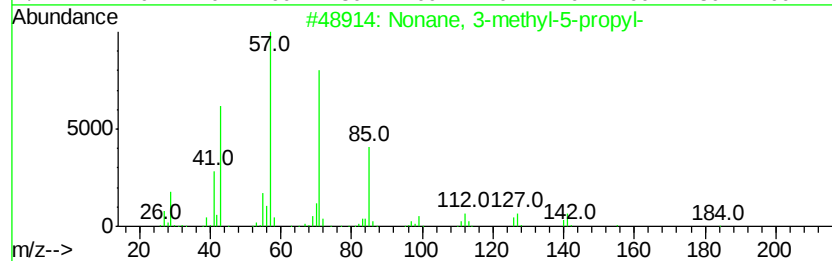
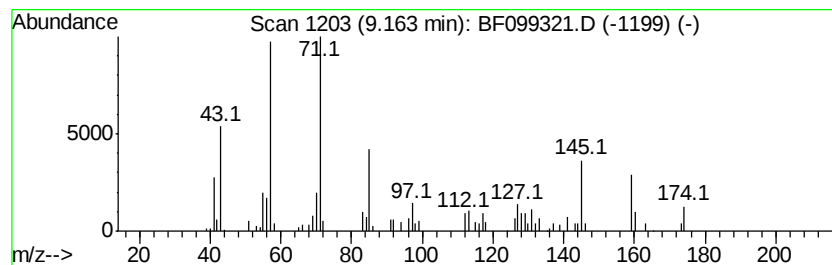
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Nonane, 3-methyl-5-propyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.16	6.24 ng	181905	Acenaphthene-d10	9.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	72
2		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72
3		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
4		Bacchotricuneatin c	342	C20H22O5	066563-30-2	58
5		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101017\
Data File : BF099321.D
Acq On : 11 Oct 2017 1:09
Operator : SJ/JU
Sample : I5745-07 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-06-100617-C

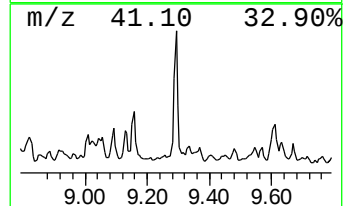
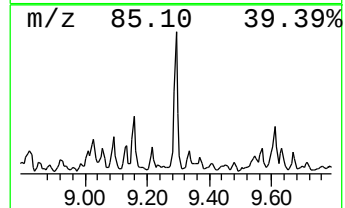
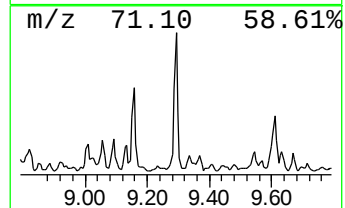
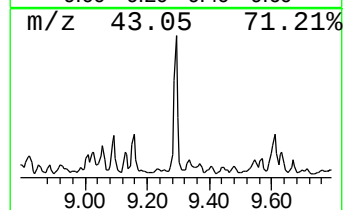
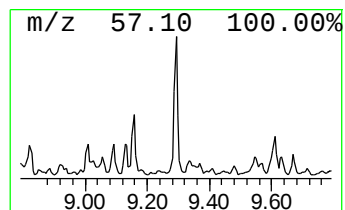
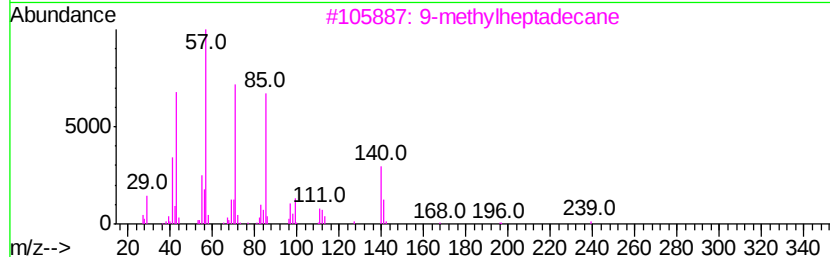
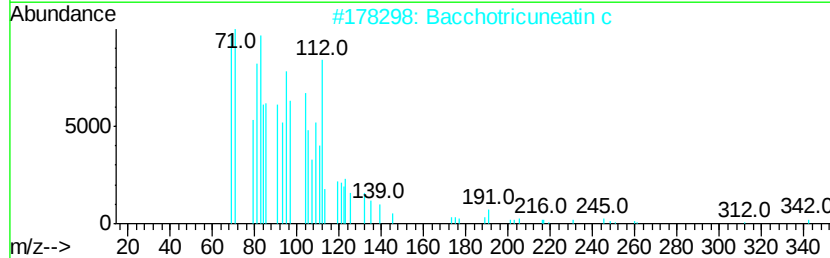
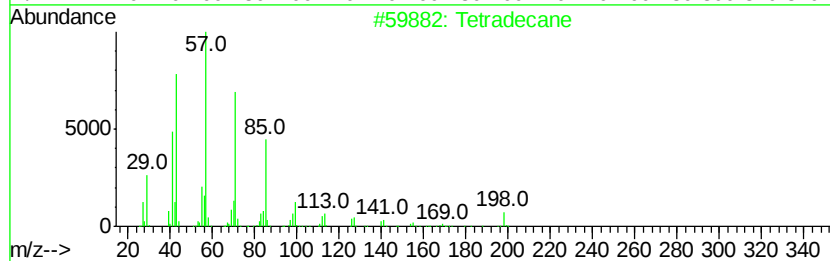
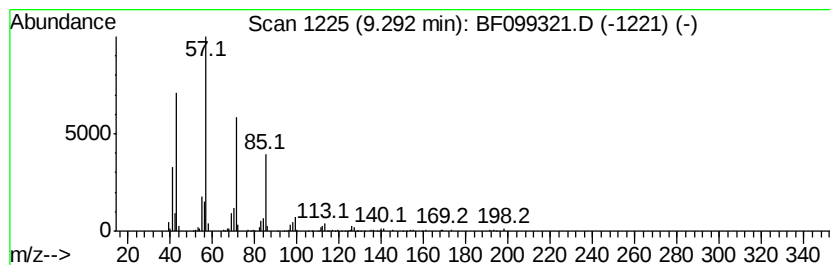
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Tetradecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.29	14.40 ng	420081	Acenaphthene-d10	9.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	91
2		Bacchotricuneatin c	342	C20H22O5	066563-30-2	81
3		9-methylheptadecane	254	C18H38	026741-18-4	78
4		Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	78
5		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101017\
Data File : BF099321.D
Acq On : 11 Oct 2017 1:09
Operator : SJ/JU
Sample : I5745-07 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-06-100617-C

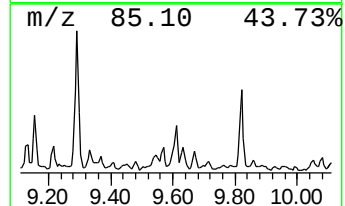
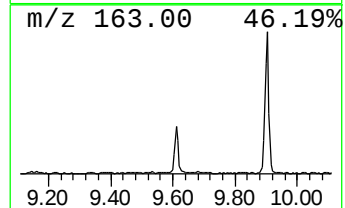
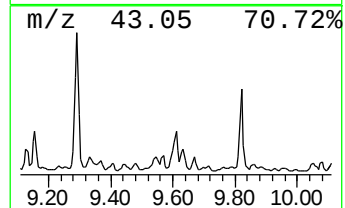
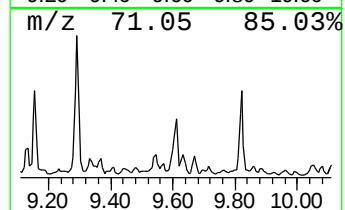
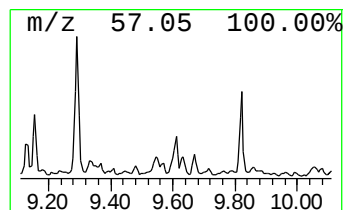
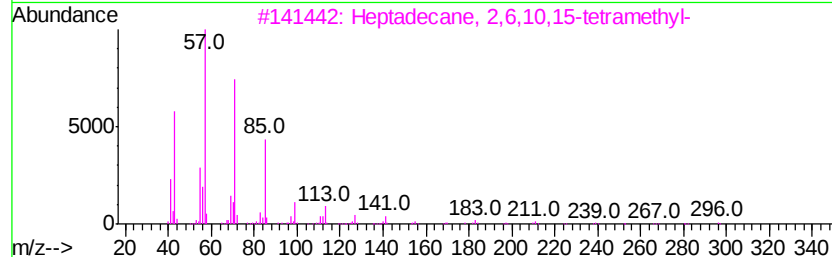
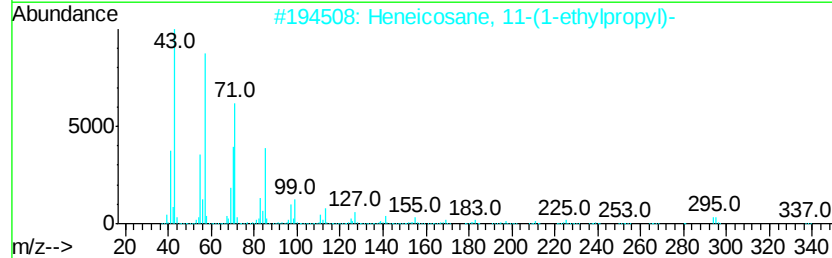
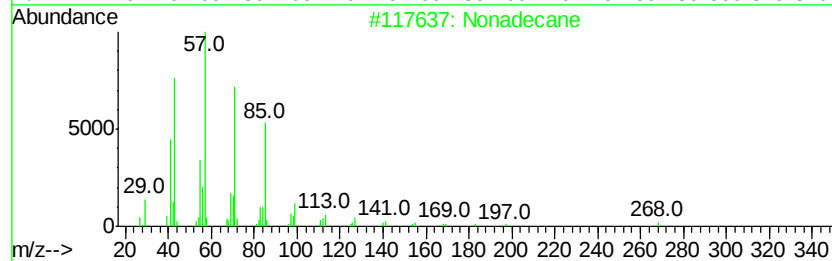
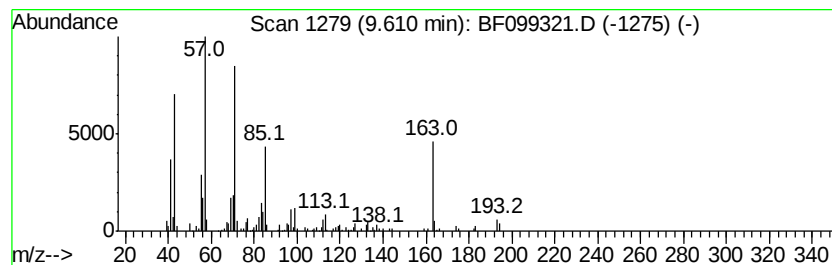
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Nonadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.61	8.30 ng	242075	Acenaphthene-d10	9.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	68
2		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	59
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	58
4		Hexacosane	366	C26H54	000630-01-3	53
5		Hexadecane	226	C16H34	000544-76-3	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101017\
Data File : BF099321.D
Acq On : 11 Oct 2017 1:09
Operator : SJ/JU
Sample : I5745-07 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-06-100617-C

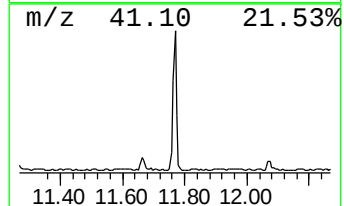
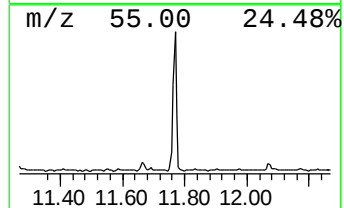
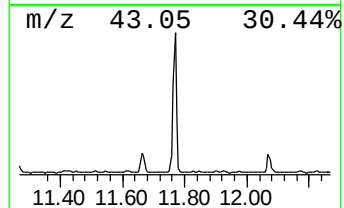
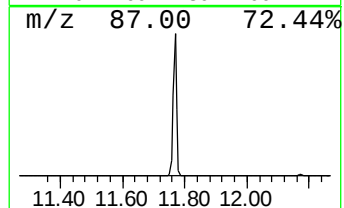
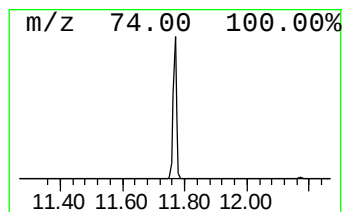
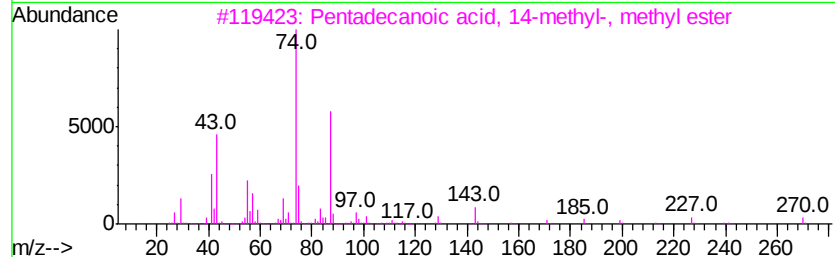
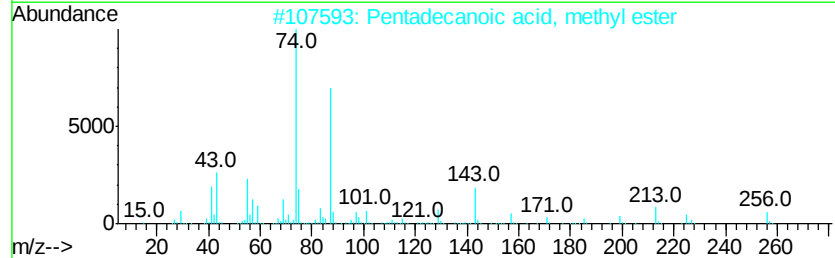
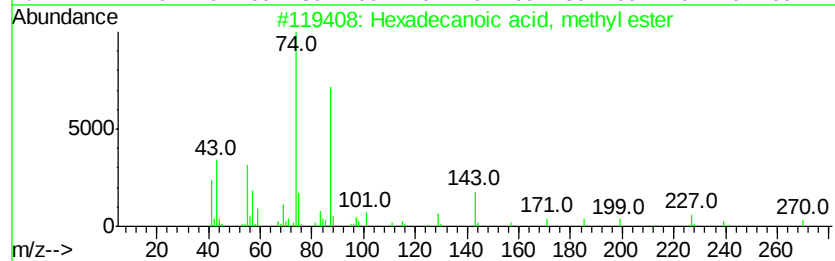
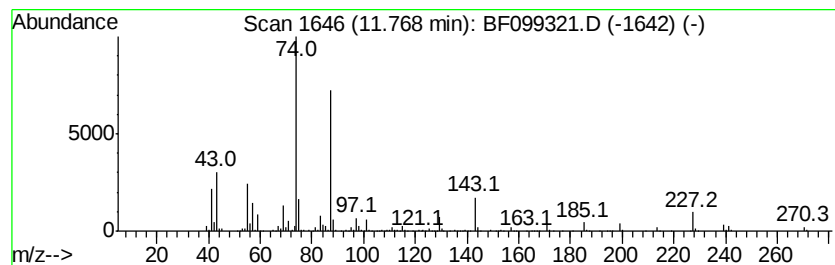
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	41.97 ng	1160880	Phenanthrene-d10	11.39

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2			Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
3			Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	81
4			Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	80
5			Dodecanoic acid, 10-methyl-, met...	228	C14H28O2	005129-65-7	80



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101017\
Data File : BF099321.D
Acq On : 11 Oct 2017 1:09
Operator : SJ/JU
Sample : I5745-07 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-06-100617-C

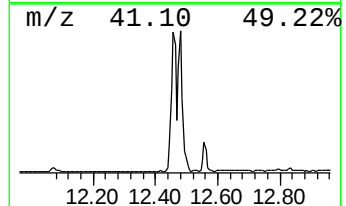
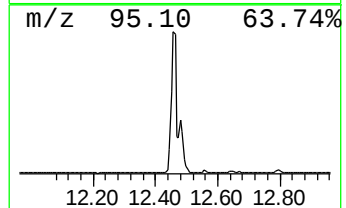
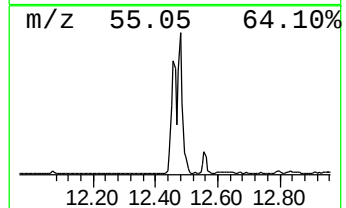
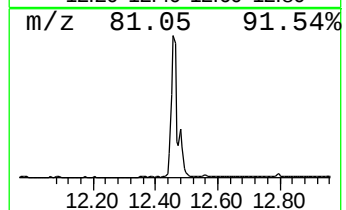
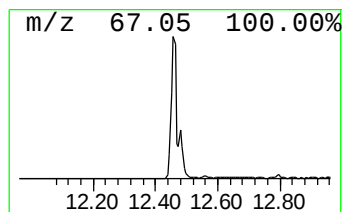
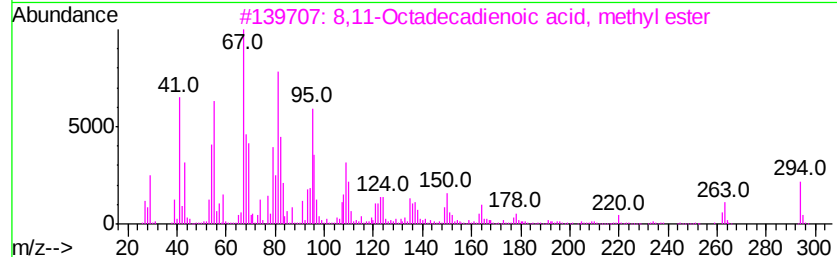
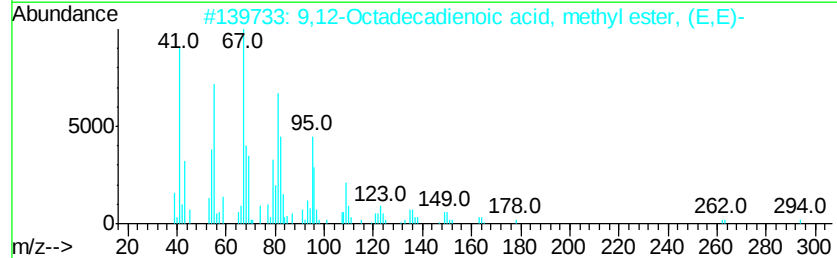
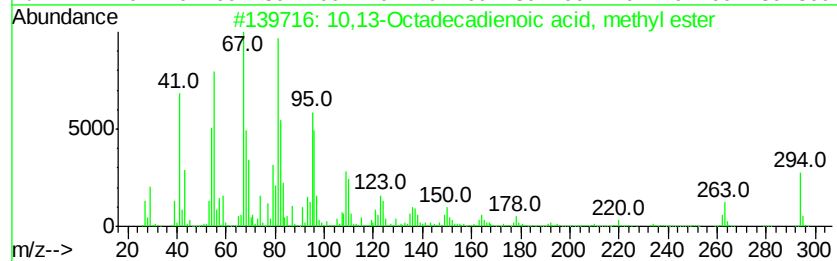
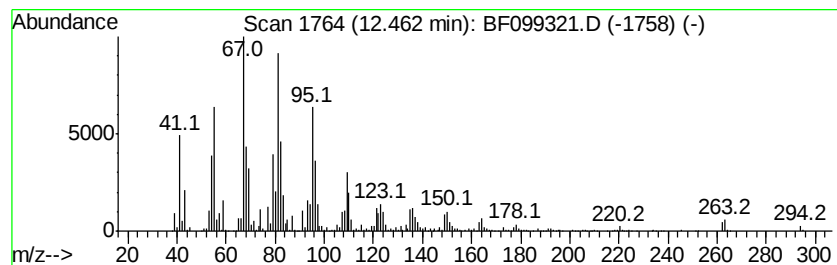
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 10,13-Octadecadienoic acid,... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	133.97 ng	3705550	Phenanthrene-d10	11.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
2		9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
3		8,11-Octadecadienoic acid, methv...	294	C19H34O2	056599-58-7	99
4		9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
5		9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101017\
Data File : BF099321.D
Acq On : 11 Oct 2017 1:09
Operator : SJ/JU
Sample : I5745-07 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-06-100617-C

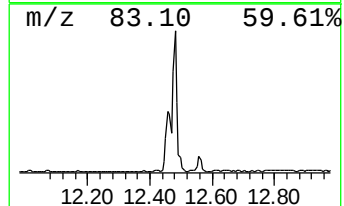
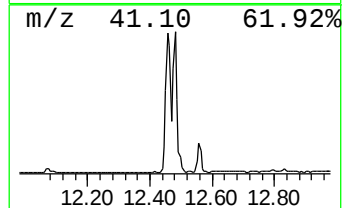
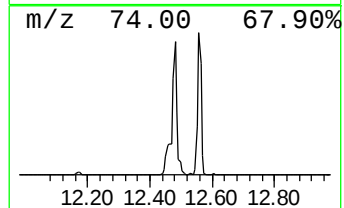
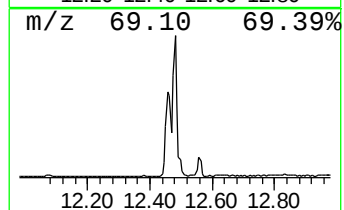
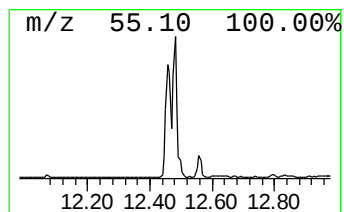
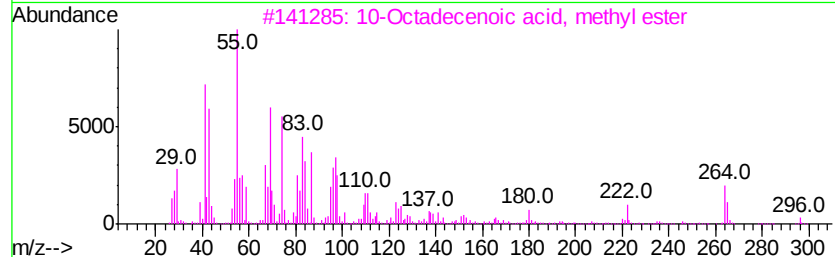
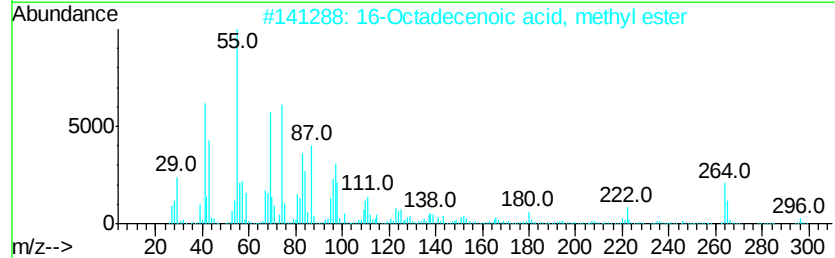
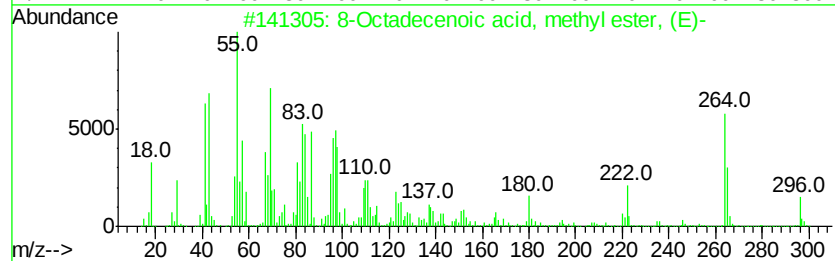
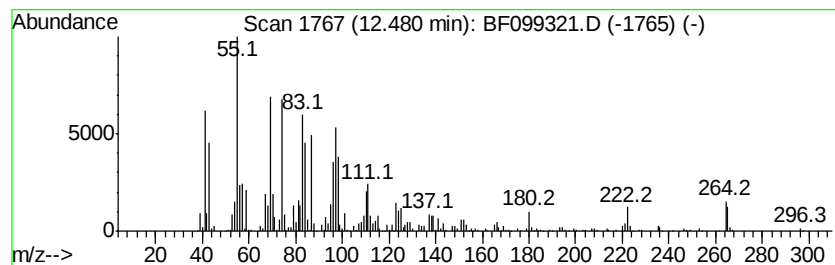
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 8-Octadecenoic acid, methyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	107.20 ng	2965100	Phenanthrene-d10	11.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	8-Octadecenoic acid, methyl este...	296	C19H36O2	026528-50-7	99
2		16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	94
3		10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	94
4		11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	94
5		11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	94



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101017\
Data File : BF099321.D
Acq On : 11 Oct 2017 1:09
Operator : SJ/JU
Sample : I5745-07 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
HR-06-100617-C

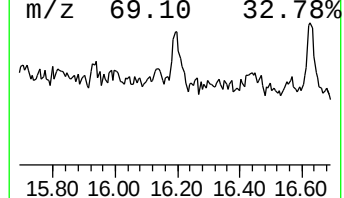
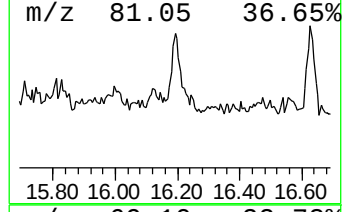
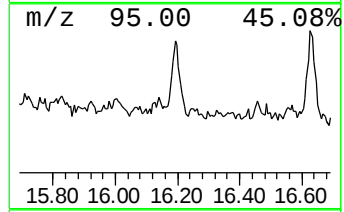
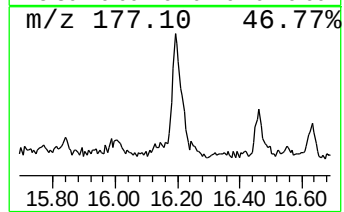
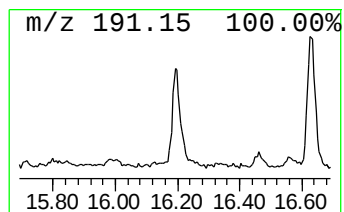
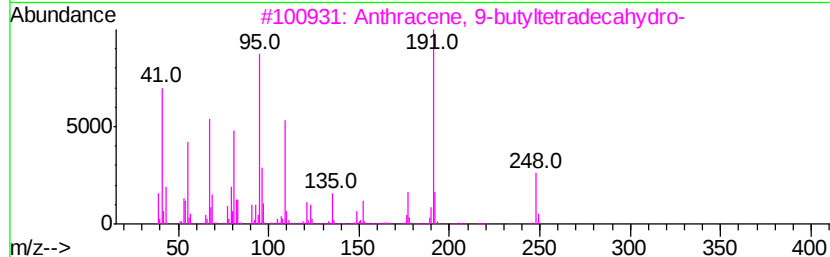
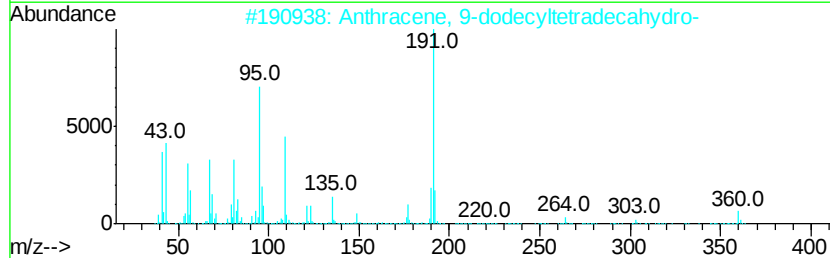
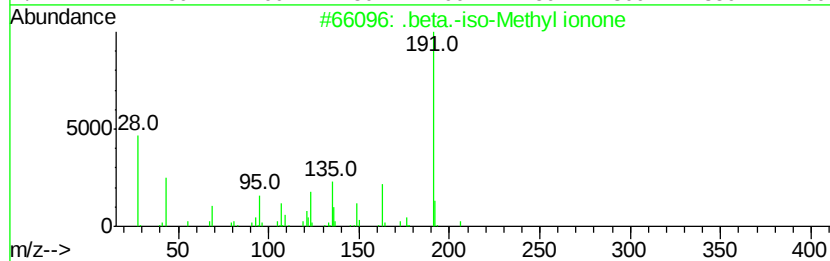
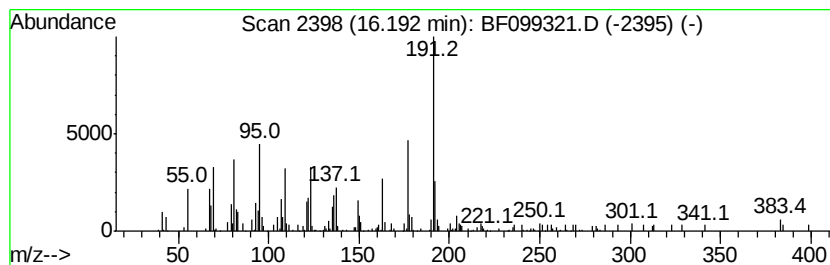
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 .beta.-iso-Methyl ionone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.19	8.92 ng	202708	Perylene-d12	15.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	52
2		Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	38
3		Anthracene, 9-butyltetradecahydro-	248	C18H32	055133-89-6	38
4		1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	32
5		4-Fluoro-2-trifluoromethylbenzoi...	236	C10H8F4O2	1000338-81-9	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101017\
Data File : BF099321.D
Acq On : 11 Oct 2017 1:09
Operator : SJ/JU
Sample : I5745-07 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-06-100617-C

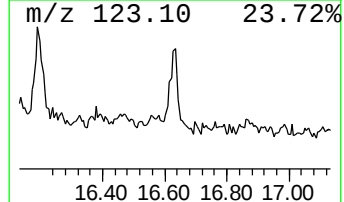
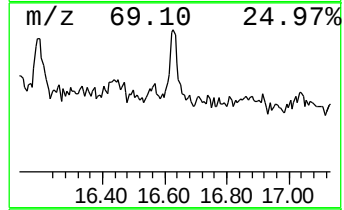
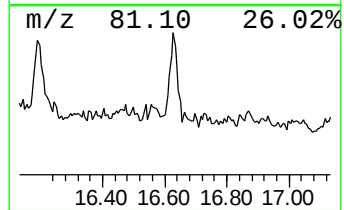
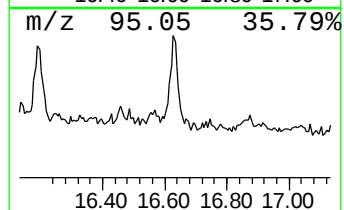
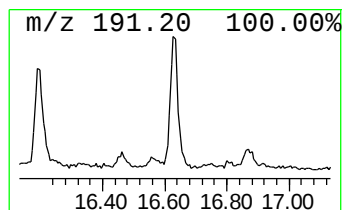
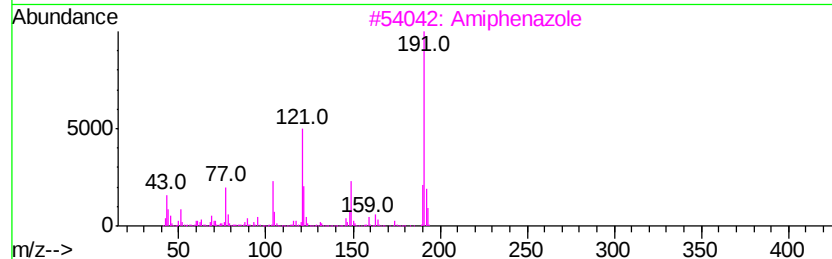
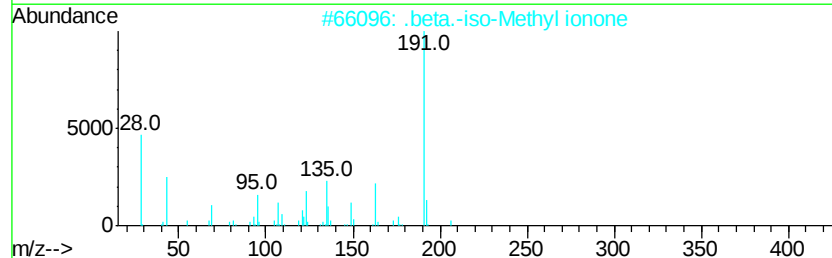
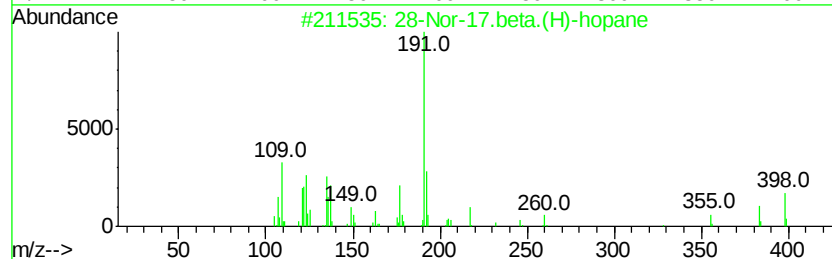
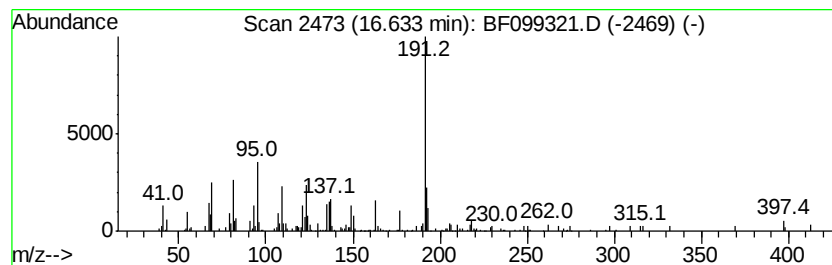
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown16.63 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.63	8.68 ng	197339	Perylene-d12	15.50

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	28-Nor-17.beta.(H)-hopane			398	C29H50	036728-72-0	49
2	.beta.-iso-Methyl ionone			206	C14H22O	1000285-40-2	47
3	Amiphenazole			191	C9H9N3S	000490-55-1	38
4	4-Fluoro-2-trifluoromethylbenzoi...			284	C14H8F4O2	1000357-66-1	35
5	Anthracene, 9-dodecyltetradecahy...			360	C26H48	055401-75-7	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101017\
 Data File : BF099321.D
 Acq On : 11 Oct 2017 1:09
 Operator : SJ/JU
 Sample : I5745-07 10X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-100617-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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
unknown6.63	6.63	9.0	ng	247914	1	6.86	549243	20.0
Decane	6.69	7.5	ng	207149	1	6.86	549243	20.0
Benzene, 2-etheny...	7.88	7.0	ng	228334	2	8.15	656173	20.0
Undecane, 2,6-dim...	8.20	7.6	ng	249848	2	8.15	656173	20.0
unknown8.43	8.43	7.2	ng	234611	2	8.15	656173	20.0
Decane, 2-methyl-	8.56	7.1	ng	232765	2	8.15	656173	20.0
Naphthalene, 1,2,...	8.65	5.6	ng	182548	2	8.15	656173	20.0
Hexadecane	8.73	14.1	ng	463169	2	8.15	656173	20.0
unknown9.09	9.09	6.2	ng	180862	3	9.90	583308	20.0
Nonane, 3-methyl-...	9.16	6.2	ng	181905	3	9.90	583308	20.0
Tetradecane	9.29	14.4	ng	420081	3	9.90	583308	20.0
Nonadecane	9.61	8.3	ng	242075	3	9.90	583308	20.0
Hexadecanoic acid...	11.77	42.0	ng	1160880	4	11.39	553210	20.0
10,13-Octadecadie...	12.46	134.0	ng	3705550	4	11.39	553210	20.0
8-Octadecenoic ac...	12.48	107.2	ng	2965100	4	11.39	553210	20.0
.beta.-iso-Methyl...	16.19	8.9	ng	202708	6	15.50	454459	20.0
unknown16.63	16.63	8.7	ng	197339	6	15.50	454459	20.0