

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060917\
 Data File : BF095835.D
 Acq On : 9 Jun 2017 22:34
 Operator : SJ/MA
 Sample : I3575-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-060817-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-BF060517.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	4.569	503	507	528	rBV	92860	285960	10.68%	0.657%
2	5.263	620	625	642	rBV	1156887	1975209	73.79%	4.541%
3	6.634	854	858	862	rVV	82433	109451	4.09%	0.252%
4	6.681	862	866	874	rVB4	58647	89338	3.34%	0.205%
5	6.775	875	882	885	rBV2	60529	114611	4.28%	0.263%
6	6.934	904	909	920	rBV	1248692	2103756	78.59%	4.837%
7	7.028	920	925	934	rVV	1601108	2289880	85.55%	5.264%
8	7.104	934	938	943	rVV	103494	127568	4.77%	0.293%
9	7.181	947	951	958	rVB	232681	305033	11.40%	0.701%
10	7.369	980	983	989	rBV	304781	393502	14.70%	0.905%
11	7.469	994	1000	1004	rVB2	198588	277947	10.38%	0.639%
12	7.522	1004	1009	1016	rBV7	53514	106019	3.96%	0.244%
13	7.610	1018	1024	1033	rVV	1210811	1776480	66.37%	4.084%
14	7.845	1061	1064	1069	rVV	83562	126224	4.72%	0.290%
15	7.939	1069	1080	1083	rVV6	126593	408858	15.27%	0.940%
16	7.992	1086	1089	1092	rVV	113095	153604	5.74%	0.353%
17	8.022	1092	1094	1097	rVV	67127	79028	2.95%	0.182%
18	8.069	1098	1102	1109	rVB	105698	150905	5.64%	0.347%
19	8.145	1112	1115	1118	rBV	74544	99734	3.73%	0.229%
20	8.181	1118	1121	1129	rVB	85111	125597	4.69%	0.289%
21	8.292	1134	1140	1143	rVB	757741	1011439	37.79%	2.325%
22	8.416	1156	1161	1164	rBV	465996	586290	21.90%	1.348%
23	8.481	1170	1172	1180	rVB5	46528	99519	3.72%	0.229%
24	8.639	1195	1199	1202	rBV2	156298	201031	7.51%	0.462%
25	8.675	1202	1205	1208	rVV	103860	120623	4.51%	0.277%
26	8.710	1208	1211	1216	rVB2	86144	100502	3.75%	0.231%
27	8.875	1236	1239	1242	rBV3	78895	100324	3.75%	0.231%
28	9.022	1256	1264	1268	rBV5	308958	627229	23.43%	1.442%
29	9.069	1268	1272	1274	rVV2	136247	195908	7.32%	0.450%
30	9.098	1274	1277	1279	rVV2	137982	194486	7.27%	0.447%
31	9.122	1279	1281	1284	rVV2	174382	205059	7.66%	0.471%
32	9.151	1284	1286	1289	rVV2	187418	266485	9.96%	0.613%
33	9.186	1290	1292	1296	rVB2	172695	211260	7.89%	0.486%
34	9.257	1301	1304	1311	rVB2	83920	147436	5.51%	0.339%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060917\
 Data File : BF095835.D
 Acq On : 9 Jun 2017 22:34
 Operator : SJ/MA
 Sample : I3575-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-060817-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-BF060517.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.322	1311	1315	1320	rBV4	74803	125763	4.70%	0.289%
36	9.398	1320	1328	1337	rBV2	521965	1139203	42.56%	2.619%
37	9.504	1341	1346	1354	rVB3	677820	942236	35.20%	2.166%
38	9.628	1361	1367	1372	rVB2	303727	454673	16.99%	1.045%
39	9.704	1378	1380	1383	rVV2	70522	84506	3.16%	0.194%
40	9.739	1383	1386	1388	rVV	107979	125159	4.68%	0.288%
41	9.775	1388	1392	1396	rVB4	146332	215975	8.07%	0.497%
42	9.886	1406	1411	1416	rVB5	127944	255713	9.55%	0.588%
43	9.945	1416	1421	1429	rBV6	162400	336467	12.57%	0.774%
44	10.039	1429	1437	1442	rBV6	179468	489496	18.29%	1.125%
45	10.086	1442	1445	1448	rVB	123437	133691	4.99%	0.307%
46	10.139	1448	1454	1459	rBV4	213397	330525	12.35%	0.760%
47	10.216	1459	1467	1469	rBV3	357256	716280	26.76%	1.647%
48	10.239	1469	1471	1476	rVB2	277596	274184	10.24%	0.630%
49	10.322	1483	1485	1492	rVB5	88480	180282	6.74%	0.414%
50	10.416	1497	1501	1503	rBV3	72975	122142	4.56%	0.281%
51	10.492	1508	1514	1520	rVB2	819675	1242837	46.43%	2.857%
52	10.569	1522	1527	1529	rBV3	90259	147213	5.50%	0.338%
53	10.645	1535	1540	1545	rVB3	159912	259346	9.69%	0.596%
54	10.727	1549	1554	1555	rVV3	80130	123010	4.60%	0.283%
55	10.763	1557	1560	1565	rVV2	206813	310392	11.60%	0.714%
56	10.810	1565	1568	1571	rVB2	80683	101319	3.79%	0.233%
57	10.951	1588	1592	1595	rBV2	259816	336012	12.55%	0.772%
58	10.986	1595	1598	1602	rVB3	116016	163266	6.10%	0.375%
59	11.027	1602	1605	1609	rVB3	125487	153932	5.75%	0.354%
60	11.086	1611	1615	1617	rBV	172243	189305	7.07%	0.435%
61	11.145	1622	1625	1626	rVV	187747	207981	7.77%	0.478%
62	11.186	1626	1632	1636	rVV	1974778	2676782	100.00%	6.154%
63	11.227	1636	1639	1645	rVB5	82014	140429	5.25%	0.323%
64	11.416	1664	1671	1675	rBV	828732	1132683	42.32%	2.604%
65	11.480	1678	1682	1687	rVV5	84168	148271	5.54%	0.341%
66	11.533	1688	1691	1698	rVB7	71853	103124	3.85%	0.237%
67	11.592	1698	1701	1708	rBV6	71353	128482	4.80%	0.295%
68	11.827	1733	1741	1744	rBV5	131738	291326	10.88%	0.670%
69	11.874	1744	1749	1753	rVV	325745	526159	19.66%	1.210%
70	11.927	1753	1758	1761	rVV2	287778	488182	18.24%	1.122%
71	11.963	1761	1764	1769	rVV	144963	192623	7.20%	0.443%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060917\
 Data File : BF095835.D
 Acq On : 9 Jun 2017 22:34
 Operator : SJ/MA
 Sample : I3575-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-060817-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-BF060517.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.022	1769	1774	1779	rVV3	129138	208165	7.78%	0.479%
73	12.086	1779	1785	1793	rVB7	91992	223252	8.34%	0.513%
74	12.227	1804	1809	1812	rBV2	427225	548815	20.50%	1.262%
75	12.274	1812	1817	1823	rVB	445913	587406	21.94%	1.350%
76	12.786	1899	1904	1908	rVV3	83232	122791	4.59%	0.282%
77	13.080	1949	1954	1959	rVV	277528	337702	12.62%	0.776%
78	13.439	2009	2015	2019	rVV2	67067	117231	4.38%	0.270%
79	13.521	2023	2029	2035	rVV	865045	1173061	43.82%	2.697%
80	13.851	2081	2085	2095	rVB	190242	316391	11.82%	0.727%
81	14.580	2204	2209	2212	rBV	145822	184776	6.90%	0.425%
82	14.615	2212	2215	2228	rVB	416238	573841	21.44%	1.319%
83	15.262	2320	2325	2328	rBV	105189	122740	4.59%	0.282%
84	15.415	2346	2351	2356	rVB	627278	701041	26.19%	1.612%
85	15.639	2382	2389	2396	rBV	116172	176729	6.60%	0.406%
86	15.868	2424	2428	2433	rBV	93777	104988	3.92%	0.241%
87	16.398	2508	2518	2520	rBV	1886537	2423776	90.55%	5.572%
88	16.427	2520	2523	2526	rVV	1540542	1633203	61.01%	3.755%
89	16.451	2526	2527	2532	rVB	112056	86342	3.23%	0.199%
90	16.551	2539	2544	2548	rBV	259191	289413	10.81%	0.665%
91	16.621	2553	2556	2564	rVB	101812	140180	5.24%	0.322%
92	16.739	2572	2576	2581	rBV3	60990	86163	3.22%	0.198%
93	16.992	2613	2619	2623	rBV	1402556	1710916	63.92%	3.933%
94	17.398	2684	2688	2694	rVB	68081	96353	3.60%	0.222%
95	18.245	2828	2832	2839	rBV2	99023	190662	7.12%	0.438%
96	18.333	2842	2847	2852	rBV	392658	470797	17.59%	1.082%
97	18.662	2900	2903	2913	rVB3	50769	85384	3.19%	0.196%
98	19.521	3044	3049	3054	rBV	110439	172064	6.43%	0.396%
99	20.003	3127	3131	3138	rVB	292817	377950	14.12%	0.869%
100	20.109	3146	3149	3154	rVB	58098	79338	2.96%	0.182%

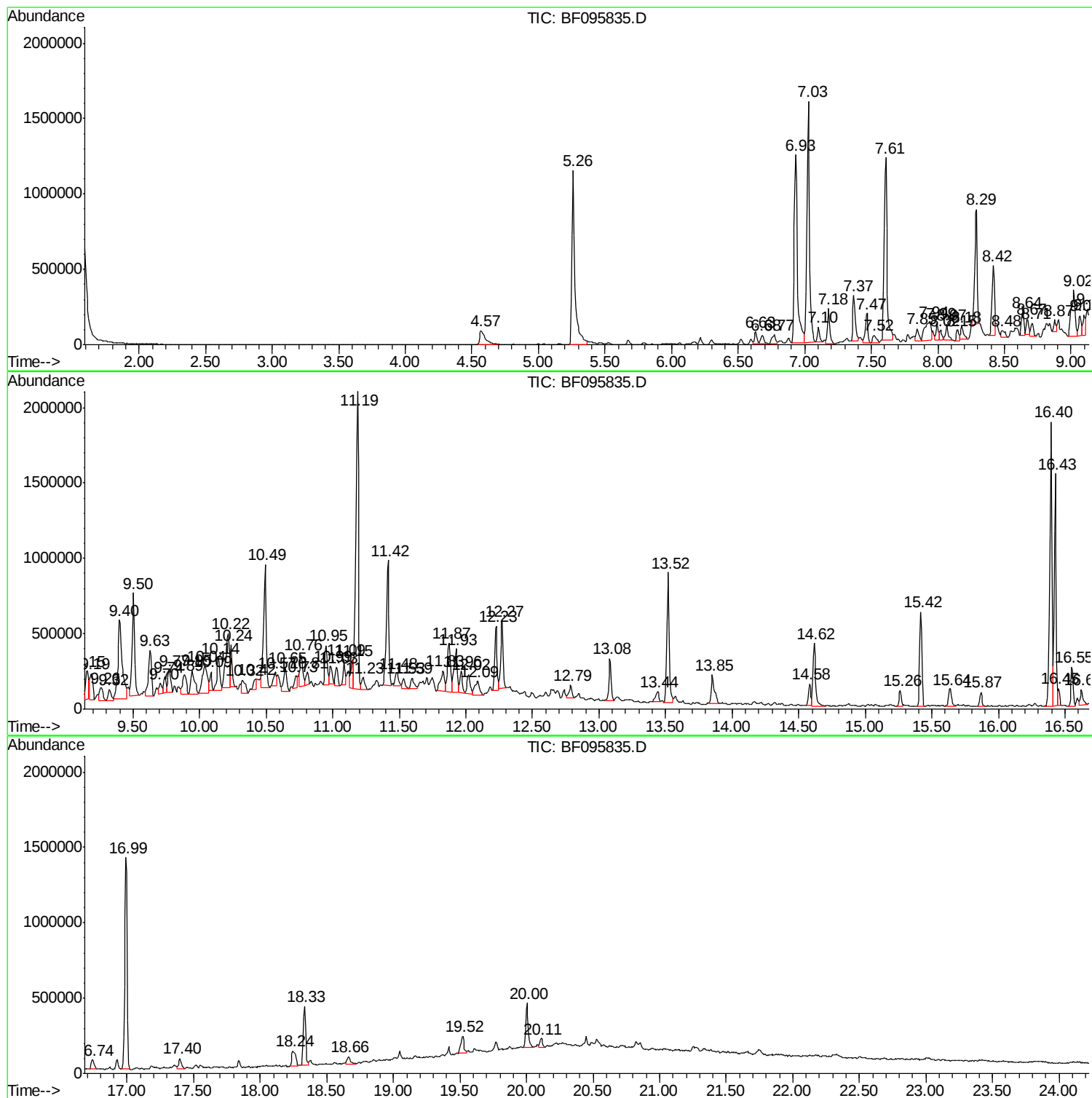
Sum of corrected areas: 43496734

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060917\
Data File : BF095835.D
Acq On : 9 Jun 2017 22:34
Operator : SJ/MA
Sample : I3575-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-06-060817-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.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\BF060917\
Data File : BF095835.D
Acq On : 9 Jun 2017 22:34
Operator : SJ/MA
Sample : I3575-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-06-060817-C

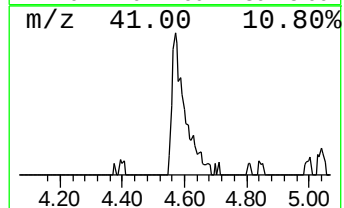
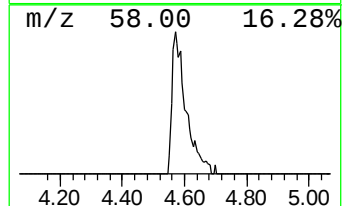
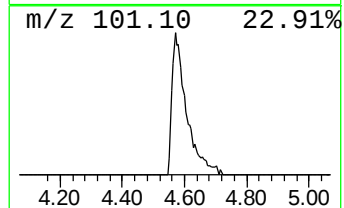
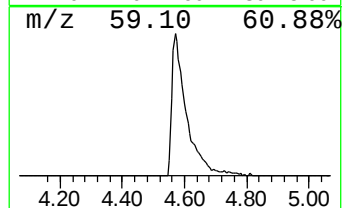
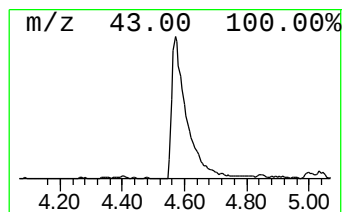
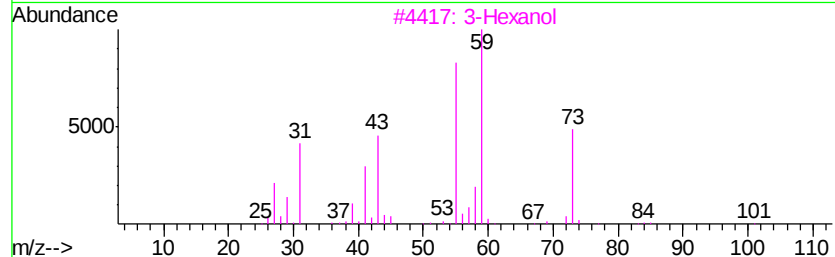
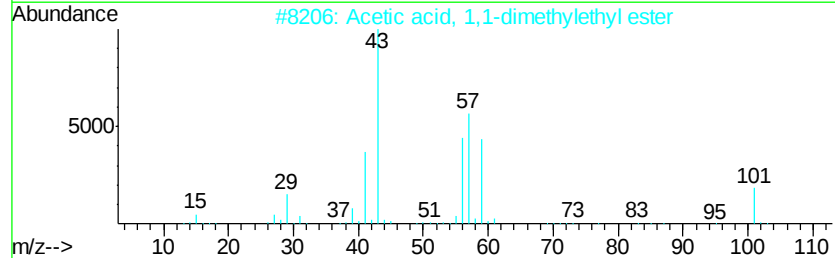
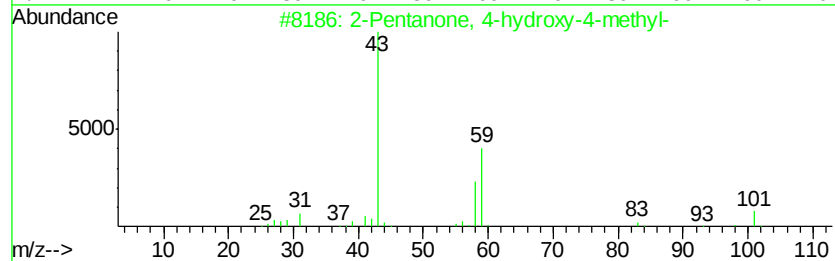
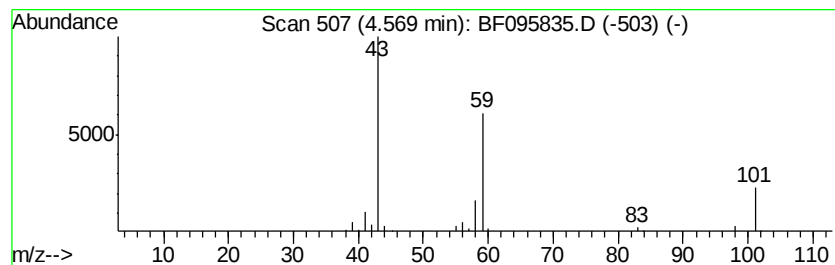
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.57	14.53 ng	285960	1,4-Dichlorobenzene-d4	7.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3			3-Hexanol	102	C6H14O	000623-37-0	28
4			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	12
5			5-Hexen-2-one	98	C6H10O	000109-49-9	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060917\
Data File : BF095835.D
Acq On : 9 Jun 2017 22:34
Operator : SJ/MA
Sample : I3575-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-06-060817-C

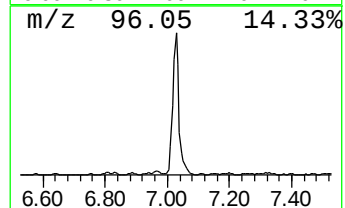
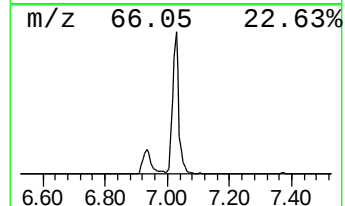
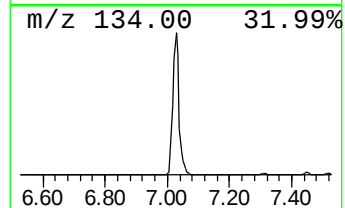
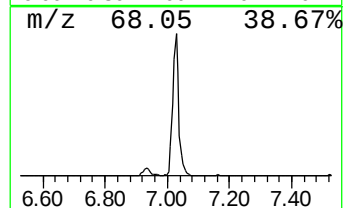
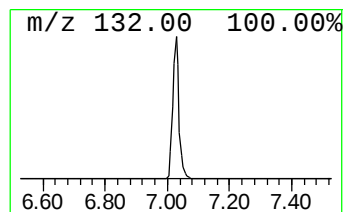
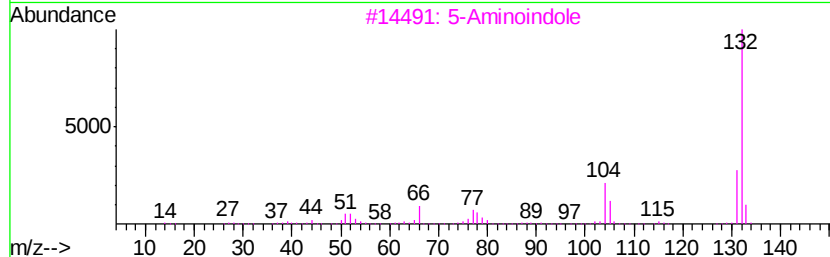
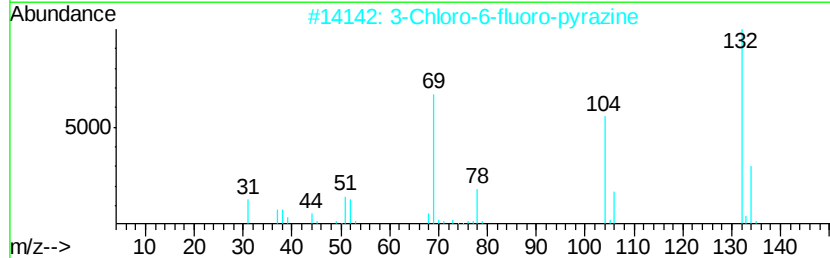
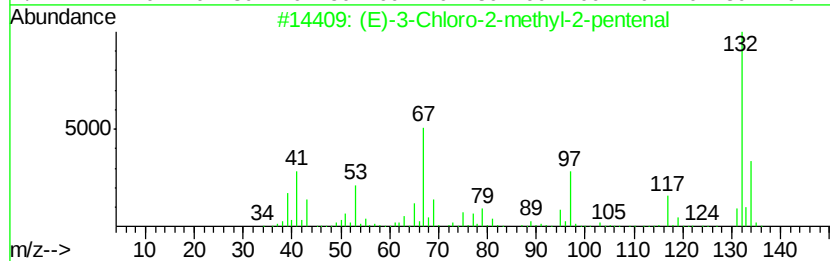
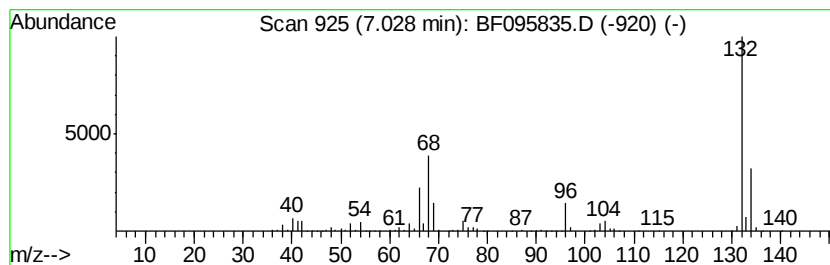
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown7.03 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.03	116.39 ng	2289880	1,4-Dichlorobenzene-d4	7.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2			3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3			5-Aminoindole	132	C8H8N2	005192-03-0	12
4			4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5			4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060917\
Data File : BF095835.D
Acq On : 9 Jun 2017 22:34
Operator : SJ/MA
Sample : I3575-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleID :
HR-06-060817-C

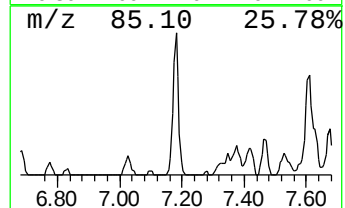
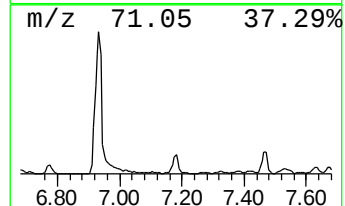
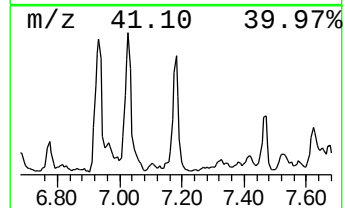
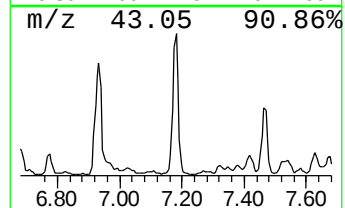
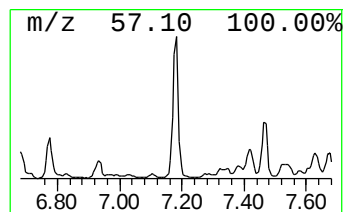
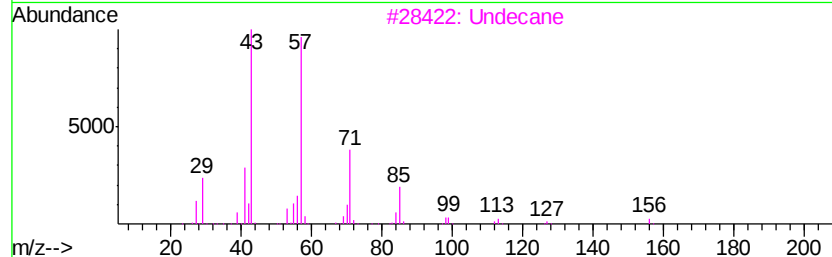
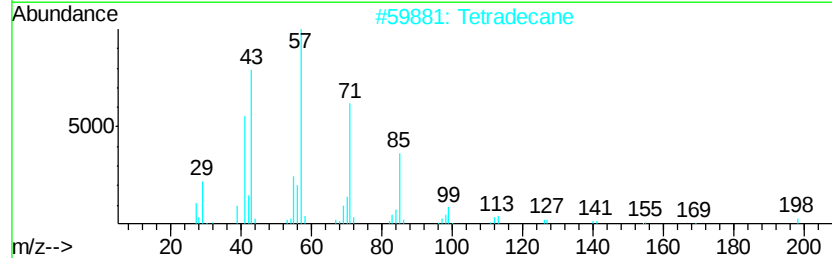
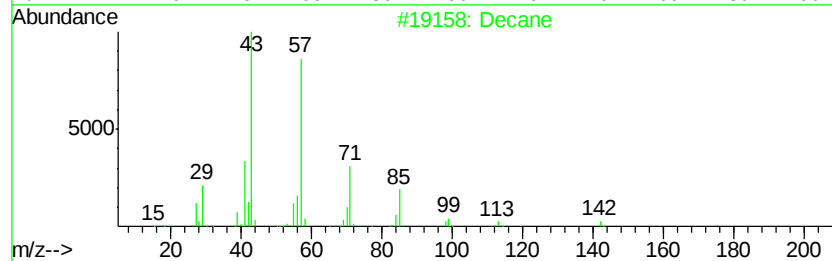
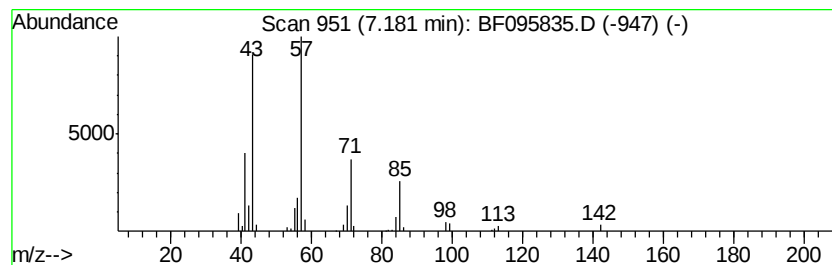
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Decane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.18	15.50 ng	305033	1,4-Dichlorobenzene-d4	7.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane	142	C10H22	000124-18-5	94
2		Tetradecane	198	C14H30	000629-59-4	83
3		Undecane	156	C11H24	001120-21-4	78
4		Hexatriacontane	507	C36H74	000630-06-8	72
5		1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060917\
Data File : BF095835.D
Acq On : 9 Jun 2017 22:34
Operator : SJ/MA
Sample : I3575-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-06-060817-C

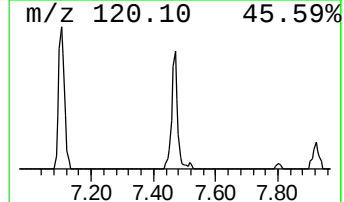
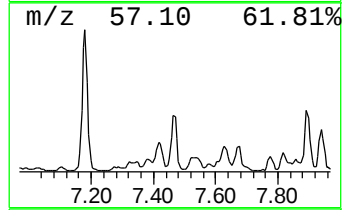
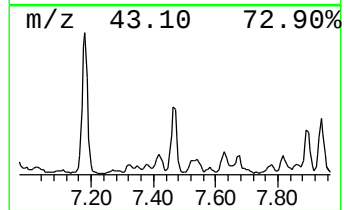
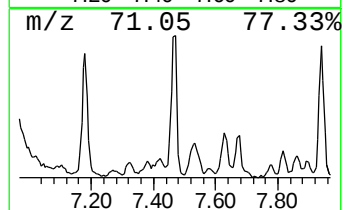
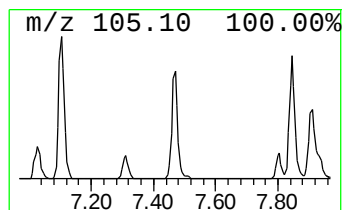
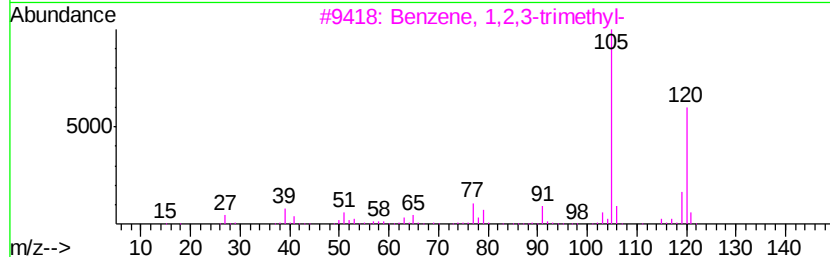
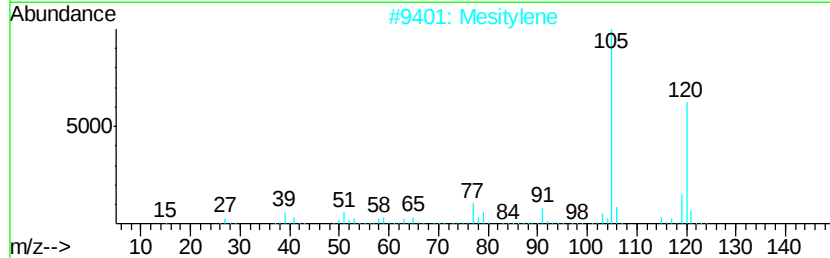
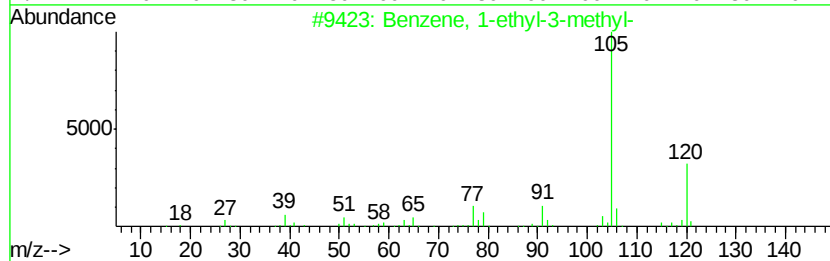
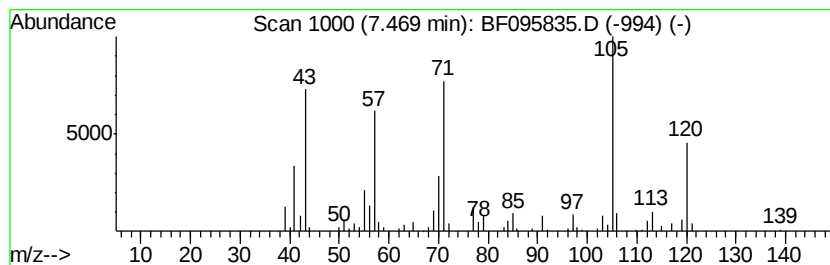
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Benzene, 1-ethyl-3-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	14.13 ng	277947	1,4-Dichlorobenzene-d4	7.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	80
2		Mesitylene	120	C9H12	000108-67-8	55
3		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	55
4		Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	43
5		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060917\
Data File : BF095835.D
Acq On : 9 Jun 2017 22:34
Operator : SJ/MA
Sample : I3575-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-06-060817-C

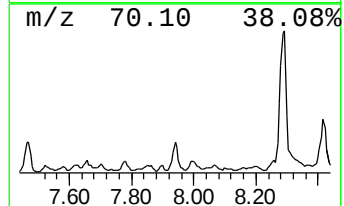
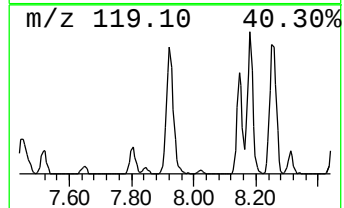
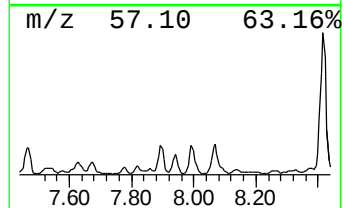
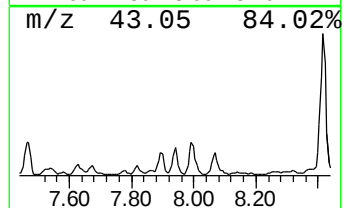
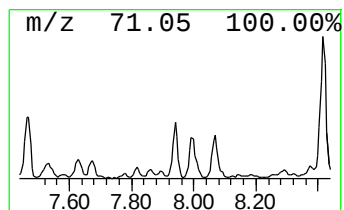
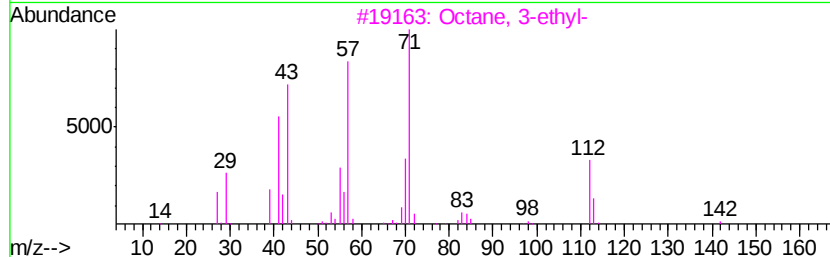
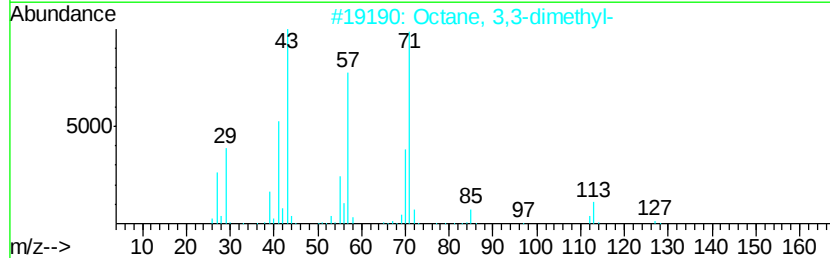
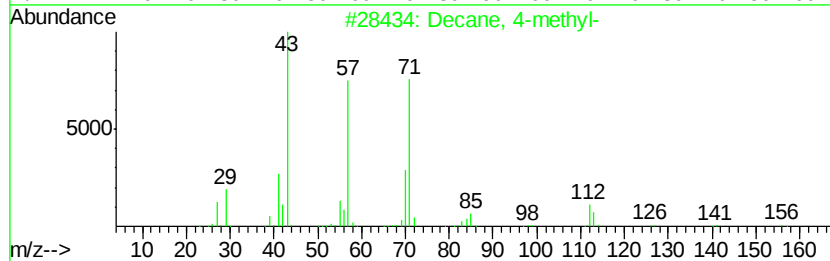
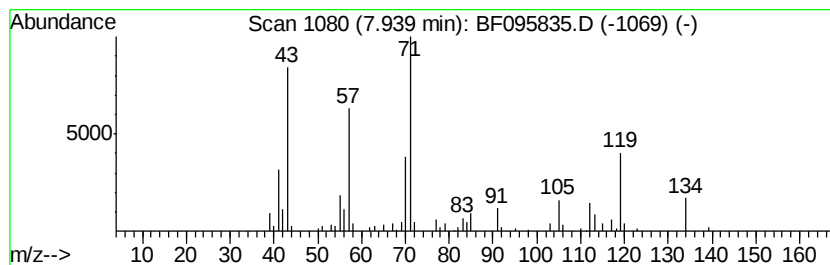
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Decane, 4-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.94	20.78 ng	408858	1,4-Dichlorobenzene-d4	7.37

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Decane, 4-methyl-	156	C11H24	002847-72-5	53
2		Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	50
3		Octane, 3-ethyl-	142	C10H22	005881-17-4	50
4		4-Methyl-3-heptanol, trifluoroac...	226	C10H17F3O2	1000365-51-8	47
5		Heptane, 2,5,5-trimethyl-	142	C10H22	001189-99-7	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060917\
Data File : BF095835.D
Acq On : 9 Jun 2017 22:34
Operator : SJ/MA
Sample : I3575-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-06-060817-C

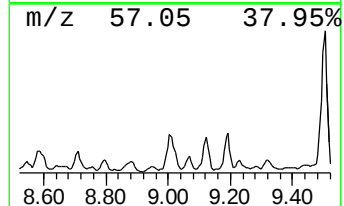
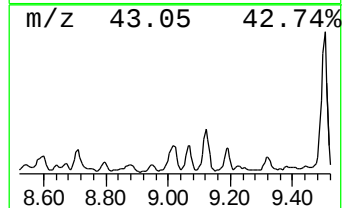
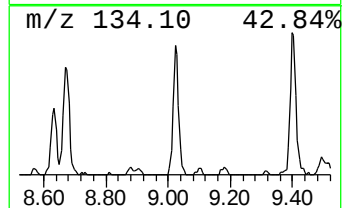
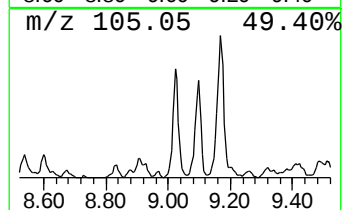
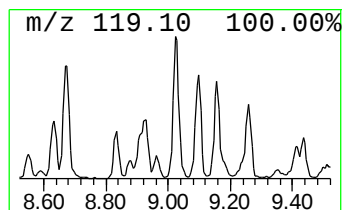
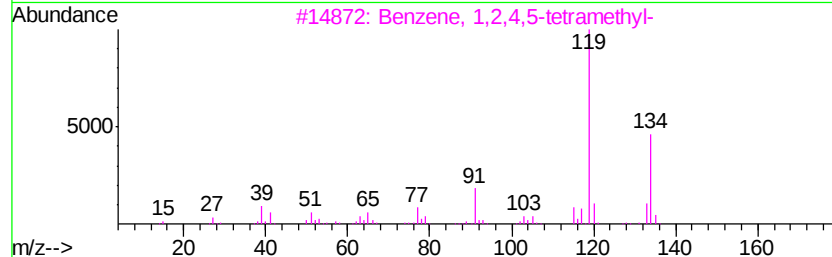
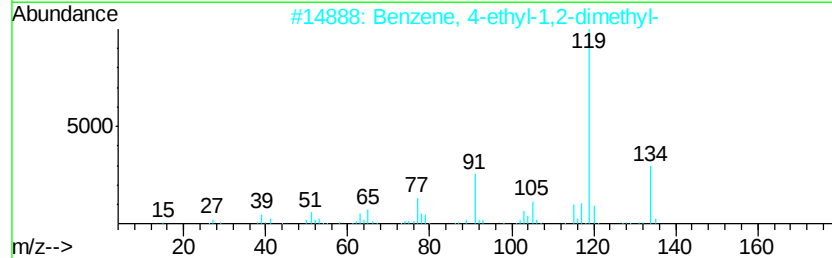
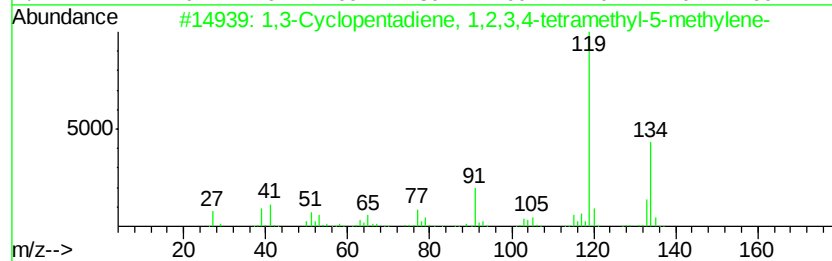
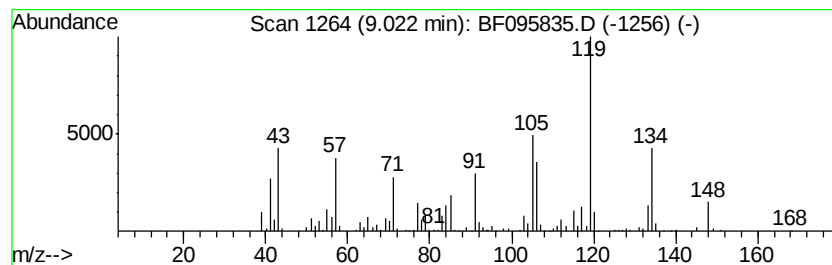
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 1,3-Cyclopentadiene, 1,2,3,... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.02	11.01 ng	627229	Napthalene-d8	9.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	92
2		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
3		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
4		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
5		o-Cymene	134	C10H14	000527-84-4	78



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060917\
Data File : BF095835.D
Acq On : 9 Jun 2017 22:34
Operator : SJ/MA
Sample : I3575-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-06-060817-C

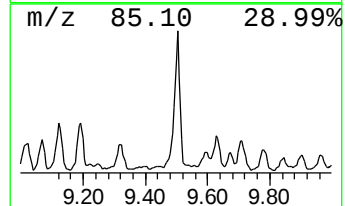
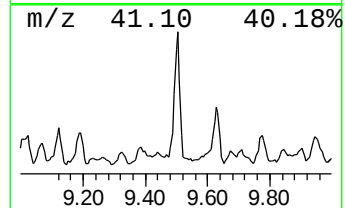
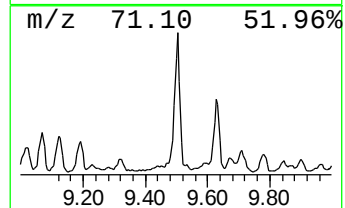
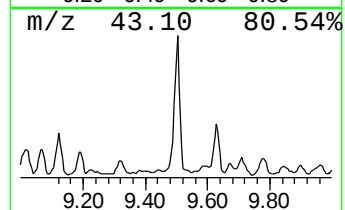
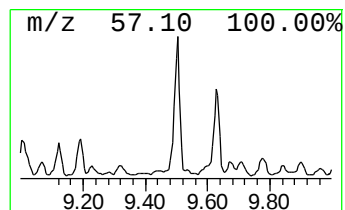
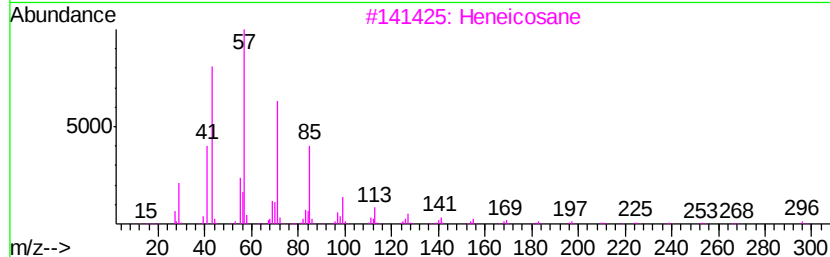
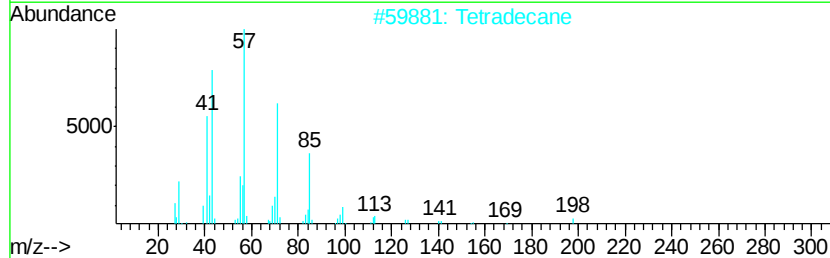
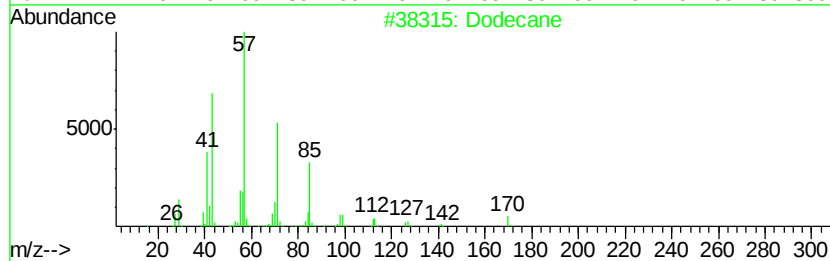
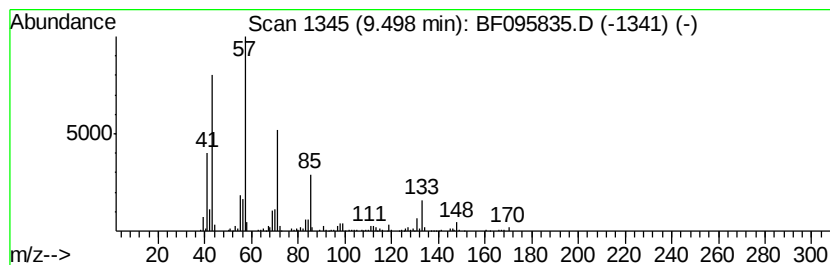
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Dodecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.50	16.54 ng	942236	Napthalene-d8	9.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane	170	C12H26	000112-40-3	94
2		Tetradecane	198	C14H30	000629-59-4	64
3		Heneicosane	296	C21H44	000629-94-7	64
4		Tridecane	184	C13H28	000629-50-5	64
5		Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	62



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060917\
Data File : BF095835.D
Acq On : 9 Jun 2017 22:34
Operator : SJ/MA
Sample : I3575-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-06-060817-C

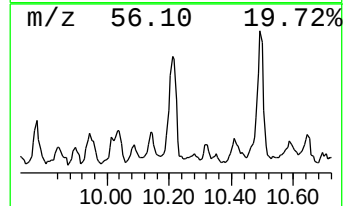
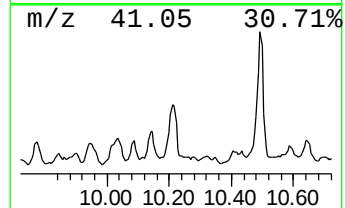
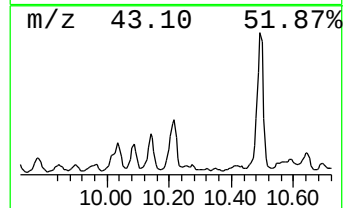
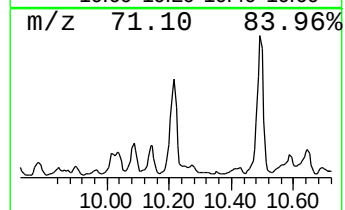
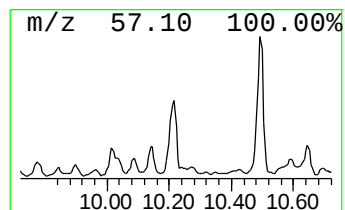
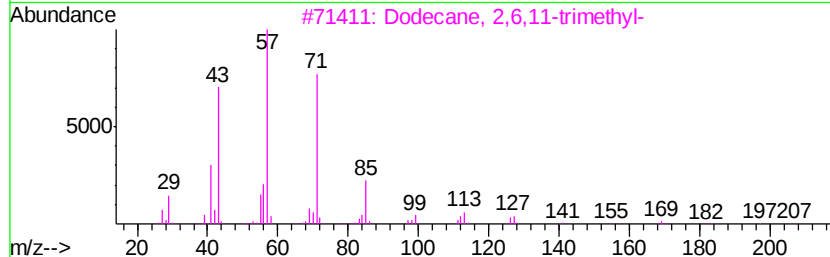
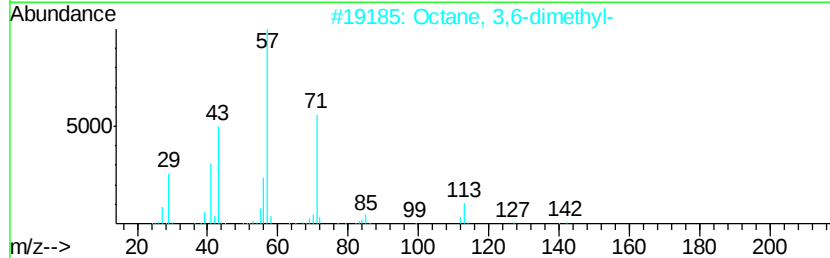
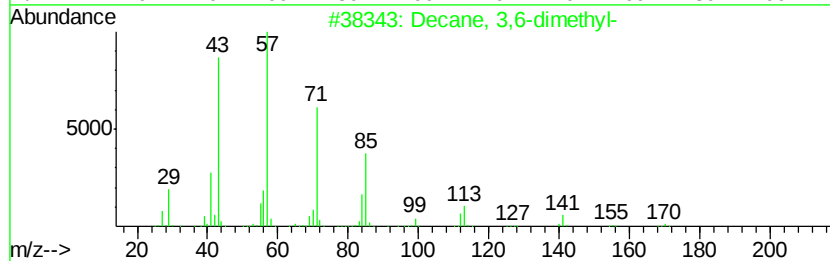
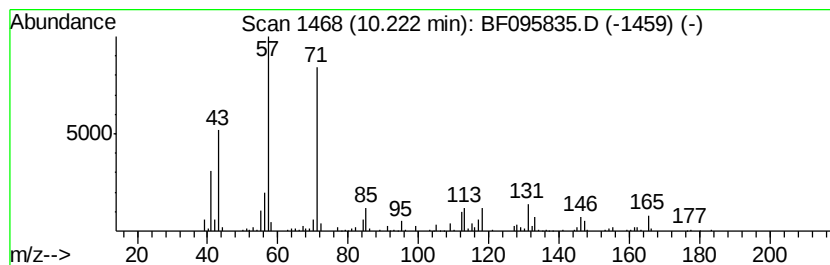
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Decane, 3,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.22	12.58 ng	716280	Napthalene-d8	9.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	72
2		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
3		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
4		Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	59
5		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060917\
Data File : BF095835.D
Acq On : 9 Jun 2017 22:34
Operator : SJ/MA
Sample : I3575-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

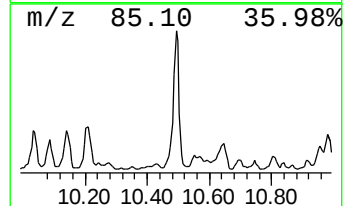
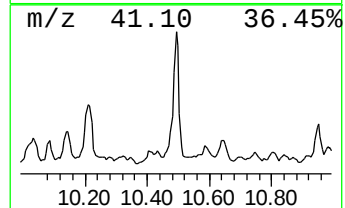
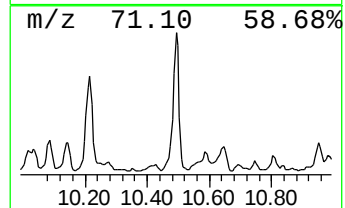
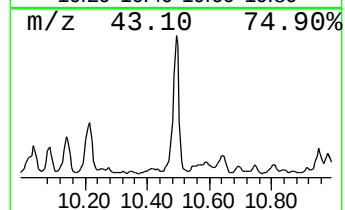
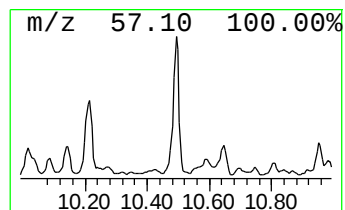
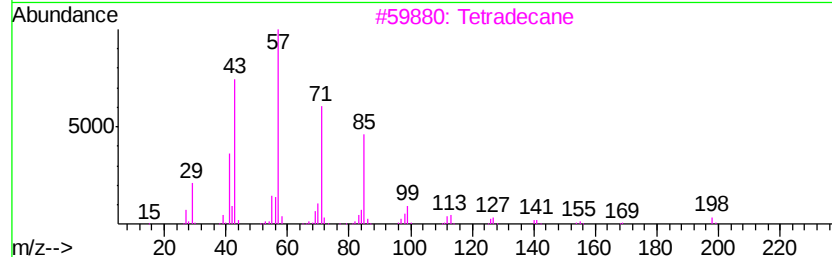
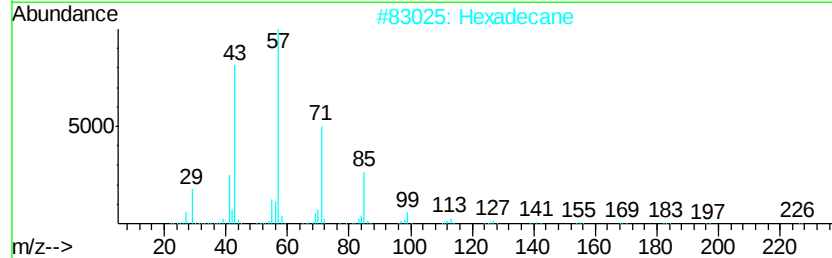
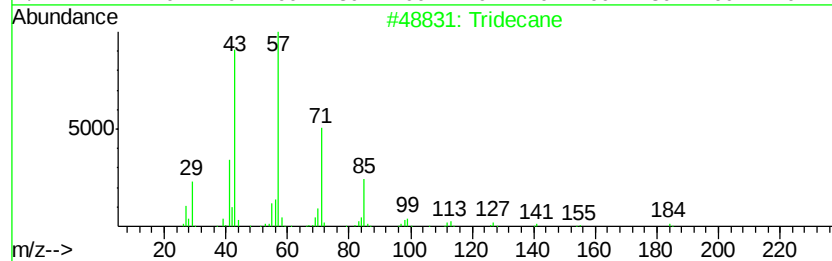
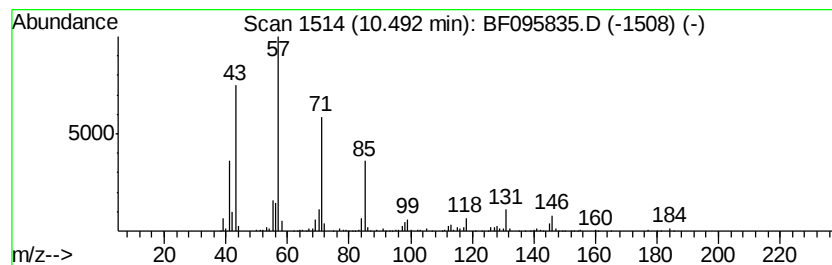
Instrument :
BNA_F
ClientSampleId :
HR-06-060817-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Tridecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.49	21.82 ng	1242840	Napthalene-d8	9.40
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Tridecane	184 C13H28	000629-50-5	76
2	Hexadecane	226 C16H34	000544-76-3	68
3	Tetradecane	198 C14H30	000629-59-4	64
4	Decane, 2,3,5-trimethyl-	184 C13H28	062238-11-3	64
5	Undecane, 6-ethyl-	184 C13H28	017312-60-6	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060917\
Data File : BF095835.D
Acq On : 9 Jun 2017 22:34
Operator : SJ/MA
Sample : I3575-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

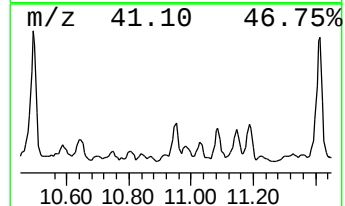
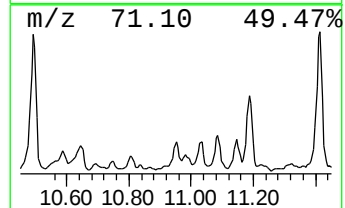
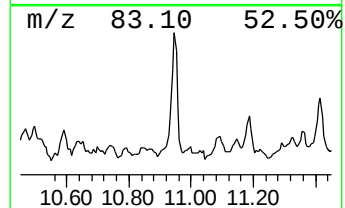
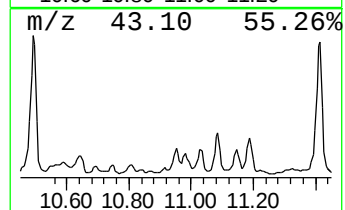
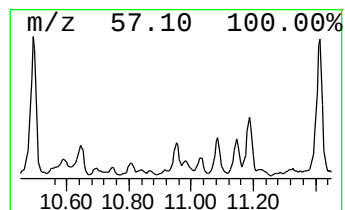
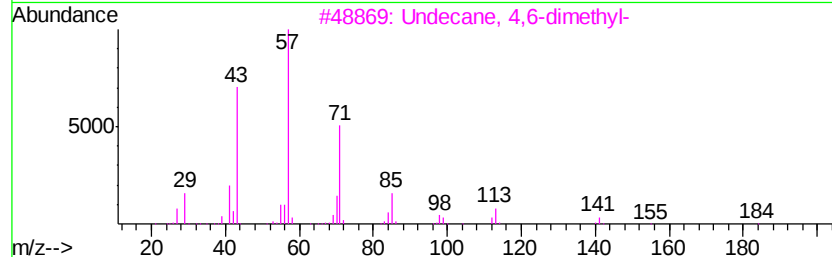
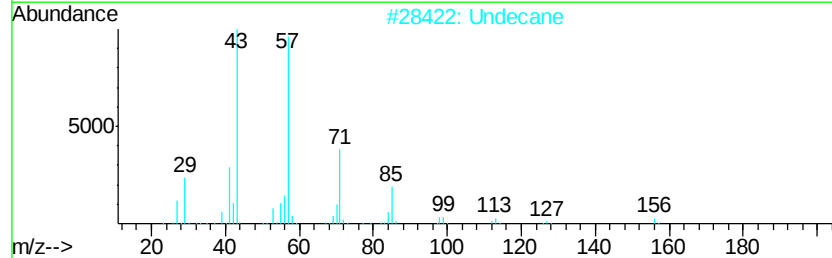
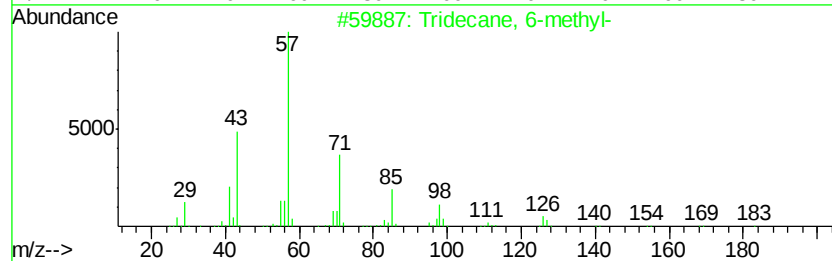
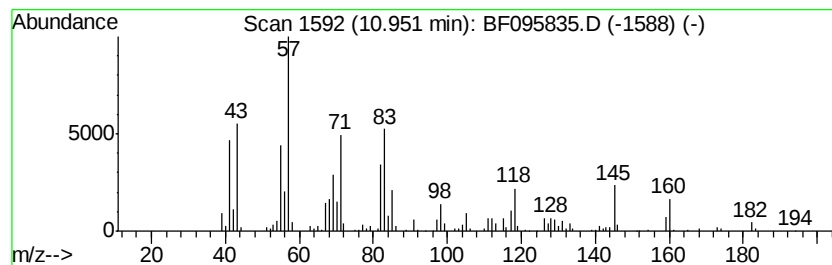
Instrument :
BNA_F
ClientSampleID :
HR-06-060817-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown10.95 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.95	12.25 ng	336012	Acenaphthene-d10	12.22
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Tridecane, 6-methyl-	198 C14H30	013287-21-3 27
2		Undecane	156 C11H24	001120-21-4 27
3		Undecane, 4,6-dimethyl-	184 C13H28	017312-82-2 27
4		Nonane, 3,7-dimethyl-	156 C11H24	017302-32-8 22
5		Heptadecane, 2,6,10,15-tetramethyl-	296 C21H44	054833-48-6 22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060917\
Data File : BF095835.D
Acq On : 9 Jun 2017 22:34
Operator : SJ/MA
Sample : I3575-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

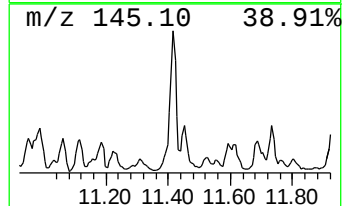
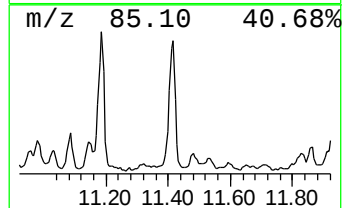
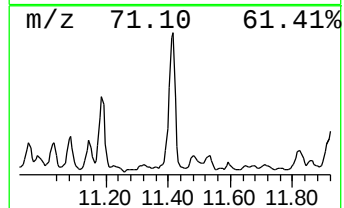
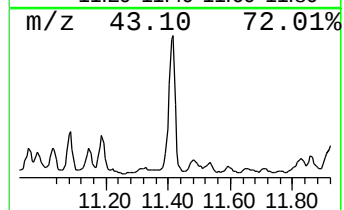
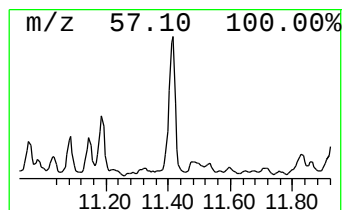
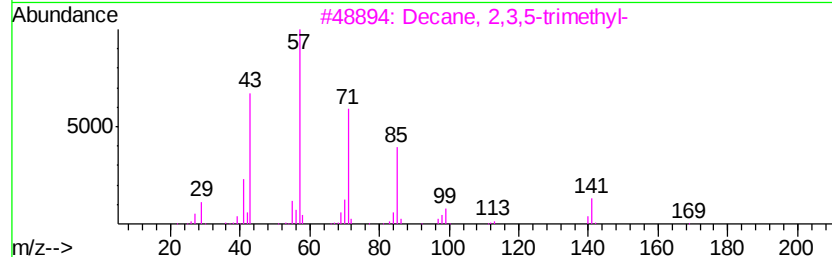
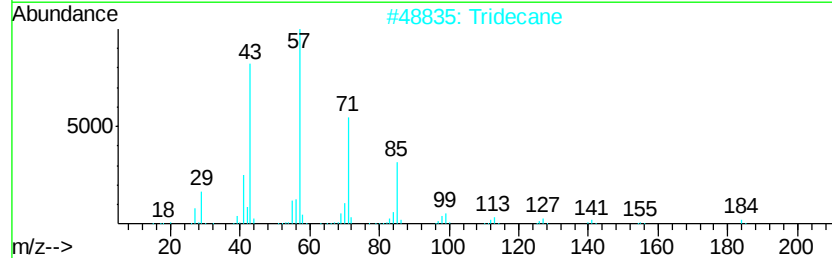
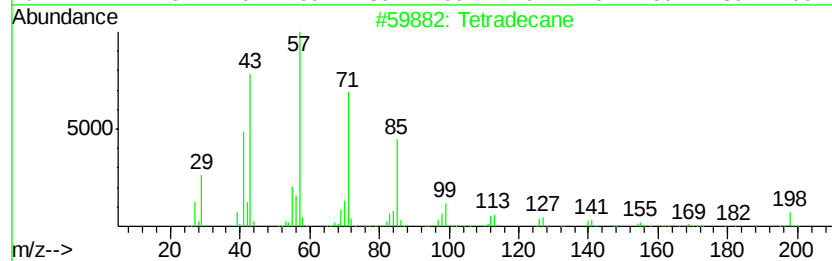
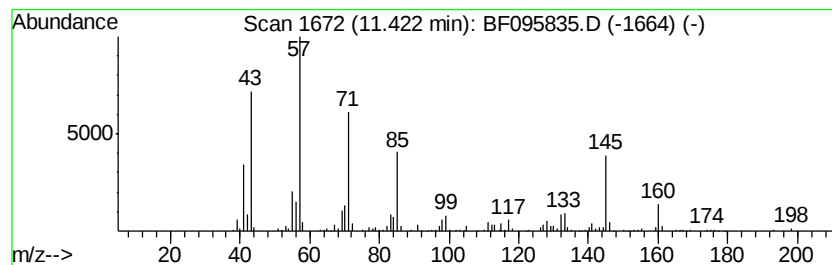
Instrument :
BNA_F
ClientSampleId :
HR-06-060817-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.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 5

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.42	41.28 ng	1132680	Acenaphthene-d10		12.22
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	96
2	Tridecane	184	C13H28	000629-50-5	64
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	64
4	Bacchotricuneatin c	342	C20H22O5	066563-30-2	64
5	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060917\
Data File : BF095835.D
Acq On : 9 Jun 2017 22:34
Operator : SJ/MA
Sample : I3575-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

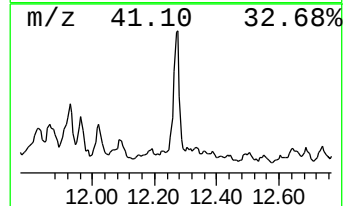
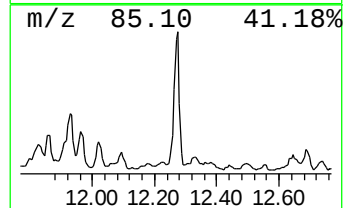
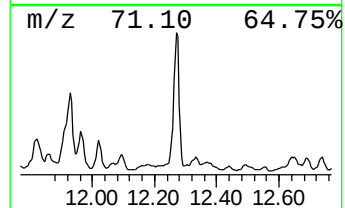
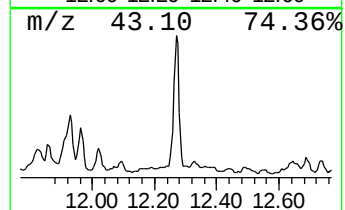
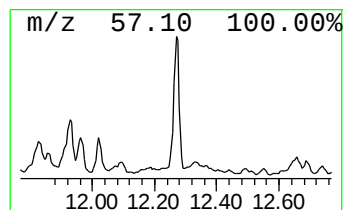
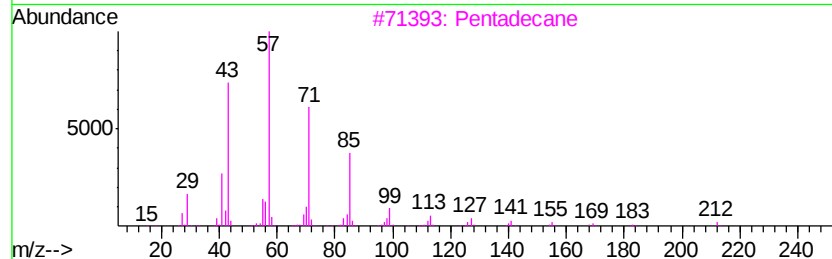
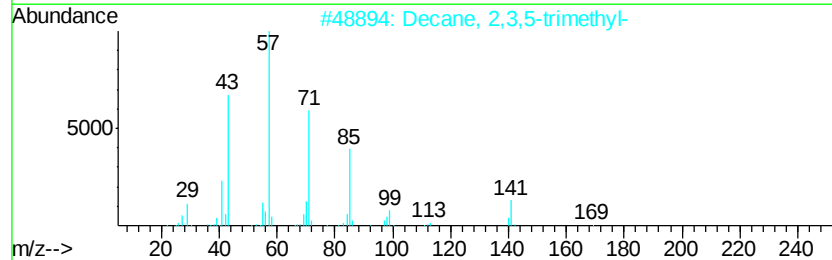
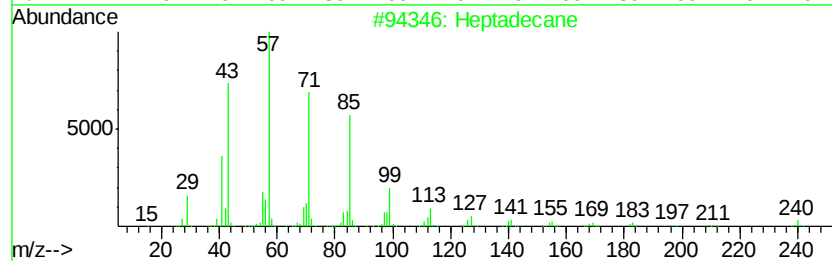
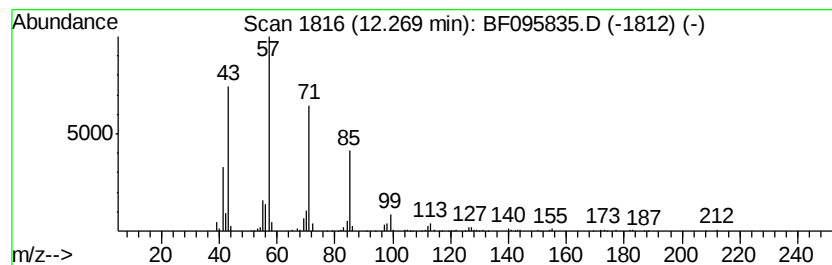
Instrument :
BNA_F
ClientSampleId :
HR-06-060817-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Heptadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.27	21.41 ng	587406	Acenaphthene-d10	12.22
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heptadecane	240 C17H36	000629-78-7	90
2	Decane, 2,3,5-trimethyl-	184 C13H28	062238-11-3	83
3	Pentadecane	212 C15H32	000629-62-9	81
4	Dodecane, 2-methyl-6-propyl-	226 C16H34	055045-08-4	80
5	Hexadecane	226 C16H34	000544-76-3	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060917\
Data File : BF095835.D
Acq On : 9 Jun 2017 22:34
Operator : SJ/MA
Sample : I3575-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

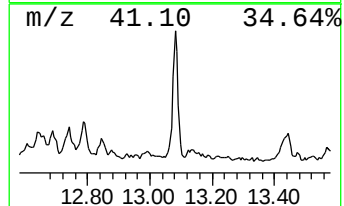
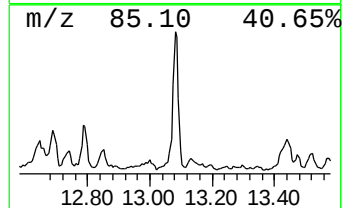
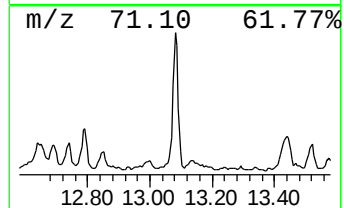
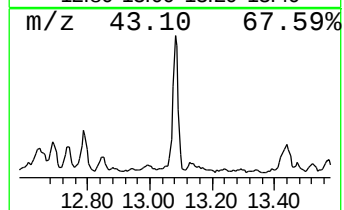
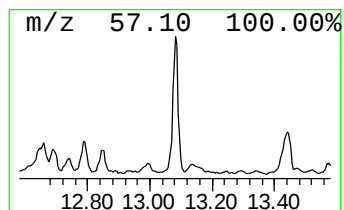
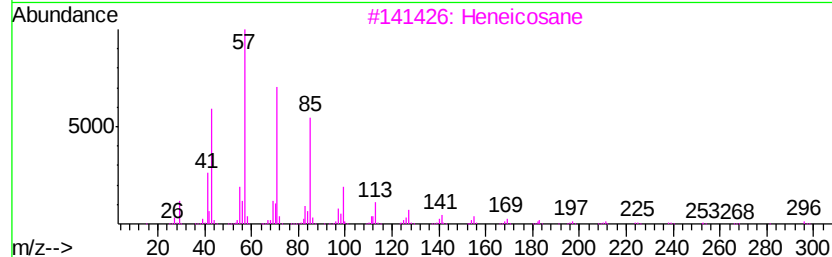
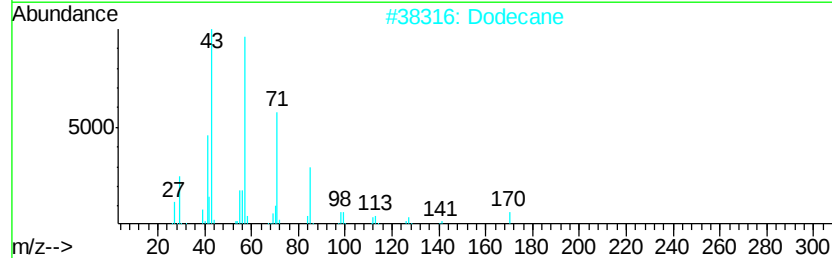
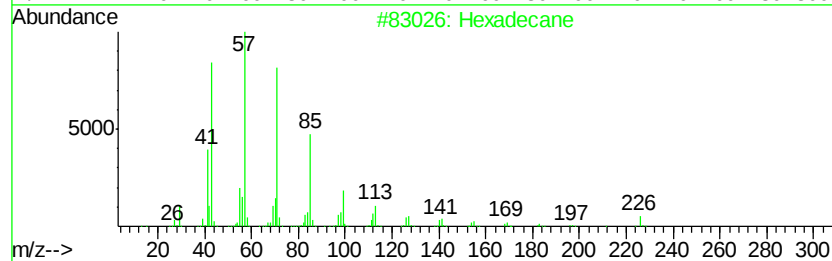
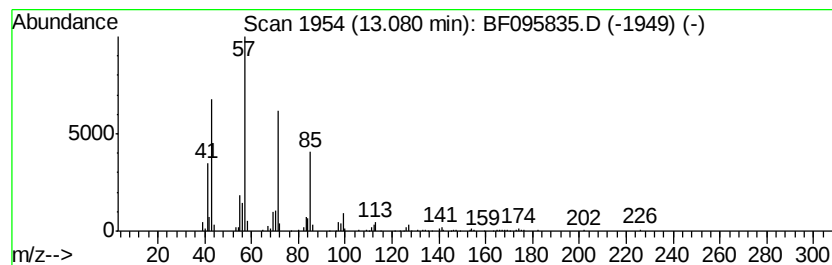
Instrument :
BNA_F
ClientSampleID :
HR-06-060817-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Hexadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.08	12.31 ng	337702	Acenaphthene-d10	12.22
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane	226 C16H34	000544-76-3	94
2	Dodecane	170 C12H26	000112-40-3	90
3	Heneicosane	296 C21H44	000629-94-7	90
4	Heptadecane	240 C17H36	000629-78-7	90
5	Decane, 2,3,5-trimethyl-	184 C13H28	062238-11-3	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060917\
Data File : BF095835.D
Acq On : 9 Jun 2017 22:34
Operator : SJ/MA
Sample : I3575-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-06-060817-C

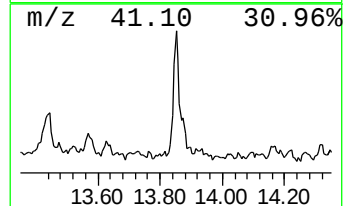
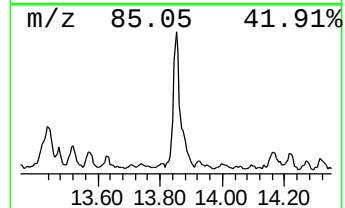
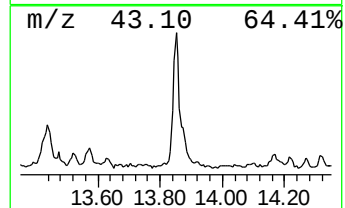
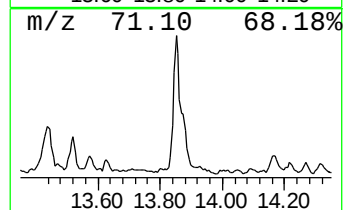
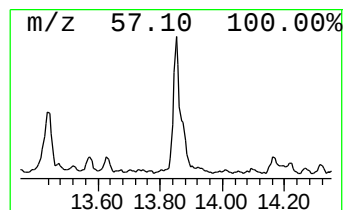
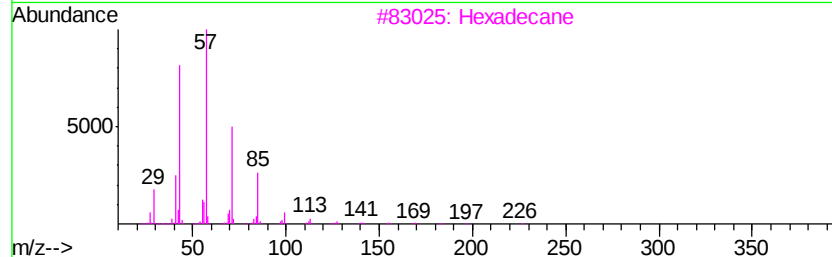
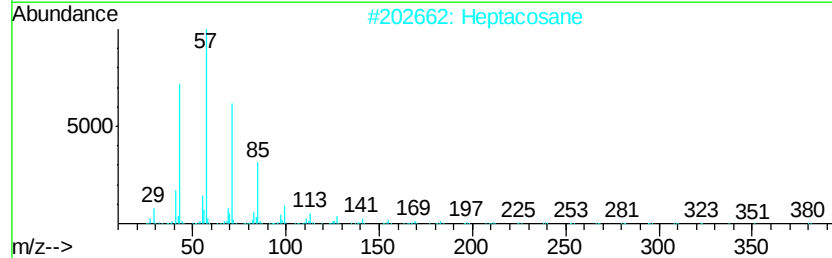
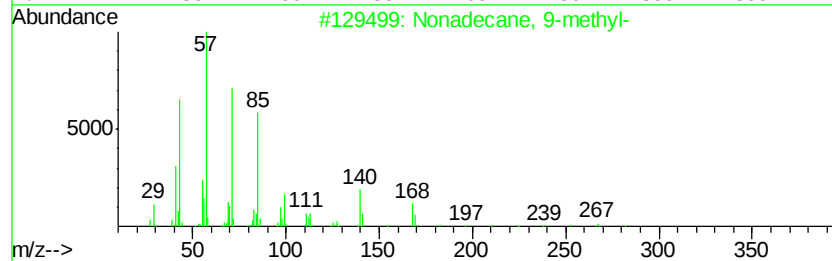
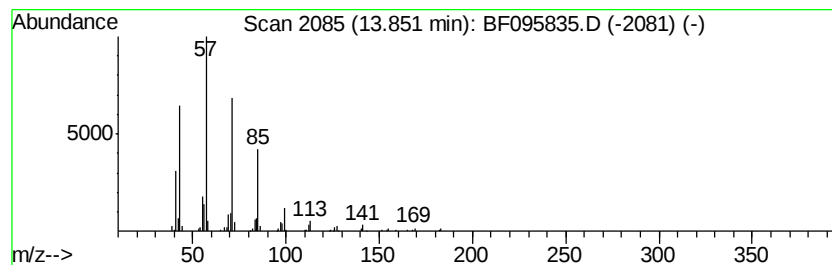
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Nonadecane, 9-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	11.03 ng	316391	Phenanthrene-d10	14.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	90
2		Heptacosane	380	C27H56	000593-49-7	90
3		Hexadecane	226	C16H34	000544-76-3	90
4		Heneicosane	296	C21H44	000629-94-7	90
5		Tetradecane	198	C14H30	000629-59-4	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060917\
Data File : BF095835.D
Acq On : 9 Jun 2017 22:34
Operator : SJ/MA
Sample : I3575-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleID :
HR-06-060817-C

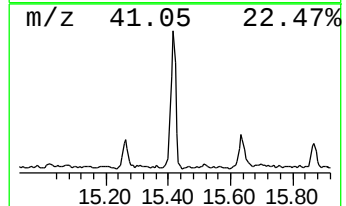
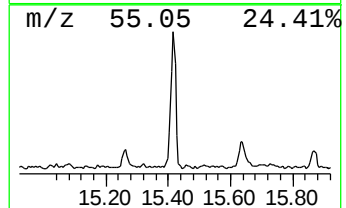
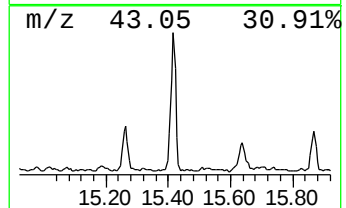
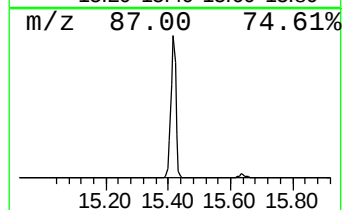
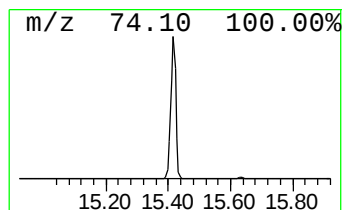
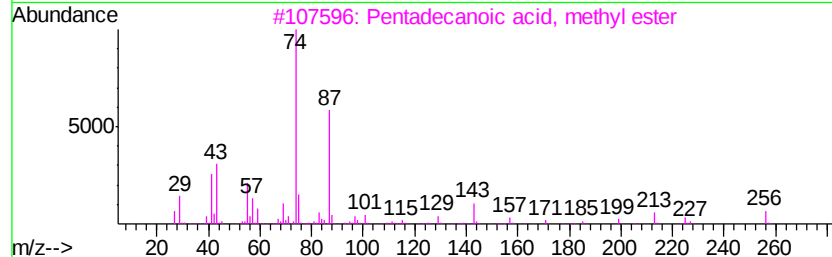
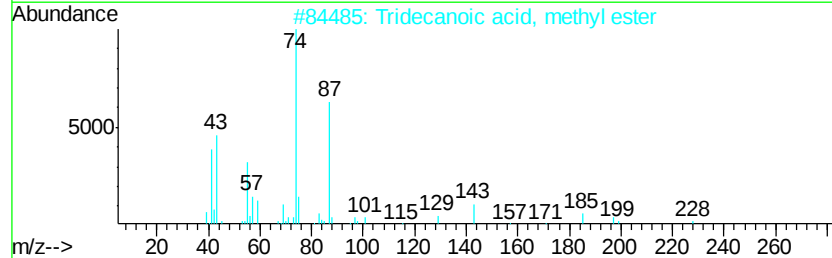
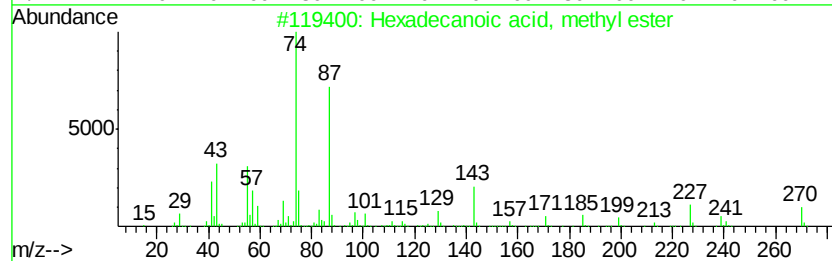
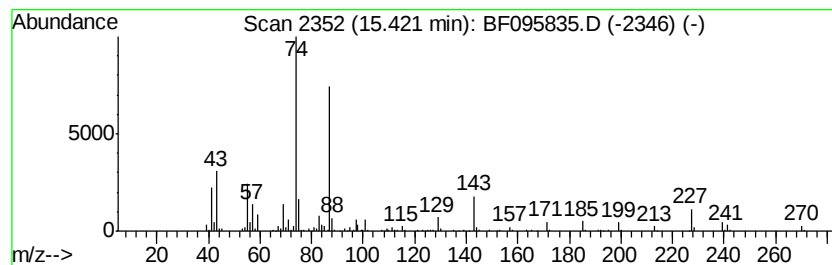
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Hexadecanoic acid, methyl e... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.42	24.43 ng	701041	Phenanthrene-d10	14.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	96
2		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	93
3		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
4		Methyl tetradecanoate	242	C15H30O2	000124-10-7	86
5		Undecanoic acid, methyl ester	200	C12H24O2	001731-86-8	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060917\
Data File : BF095835.D
Acq On : 9 Jun 2017 22:34
Operator : SJ/MA
Sample : I3575-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

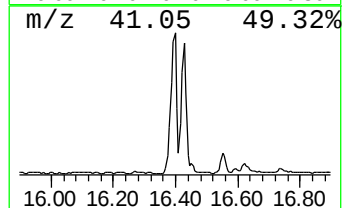
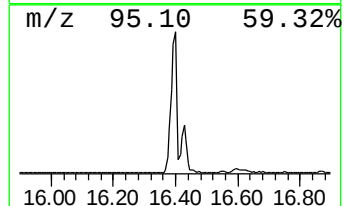
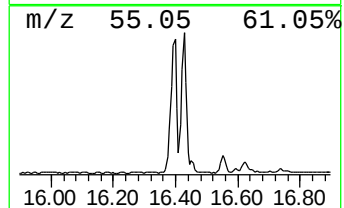
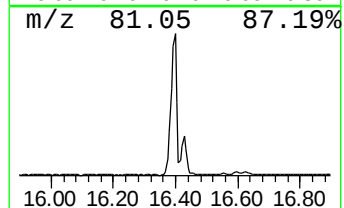
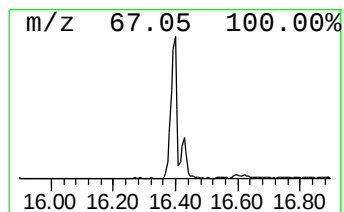
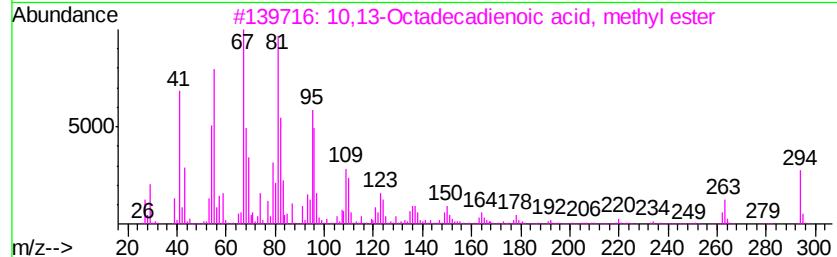
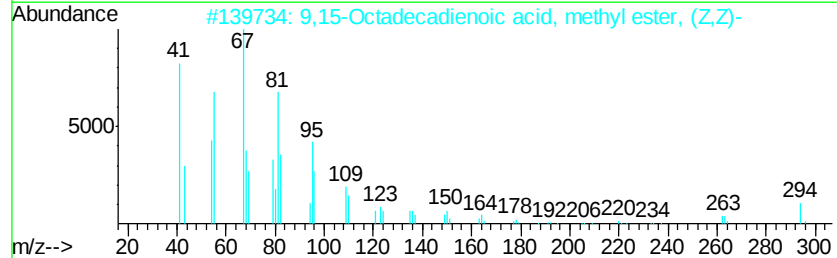
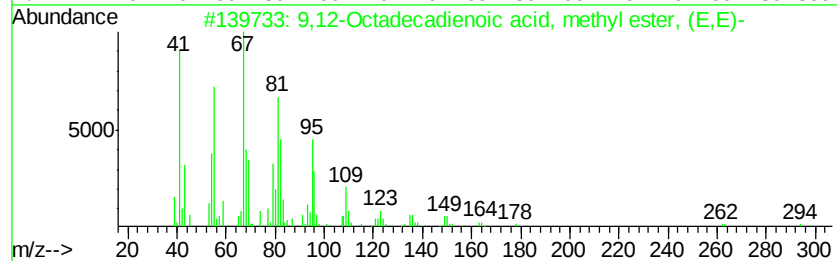
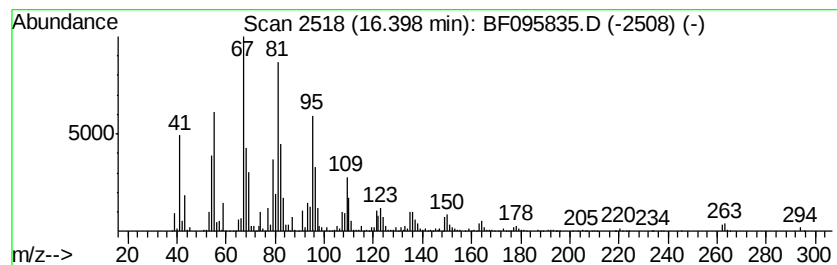
Instrument :
BNA_F
ClientSampleId :
HR-06-060817-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 9,12-Octadecadienoic acid, ... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
16.40	84.48 ng	2423780	Phenanthrene-d10	14.62		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99	
2	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99	
3	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99	
4	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99	
5	11,14-Octadecadienoic acid, meth...	294	C19H34O2	056554-61-1	98	



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060917\
Data File : BF095835.D
Acq On : 9 Jun 2017 22:34
Operator : SJ/MA
Sample : I3575-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-06-060817-C

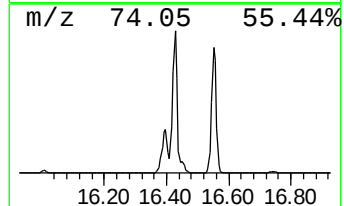
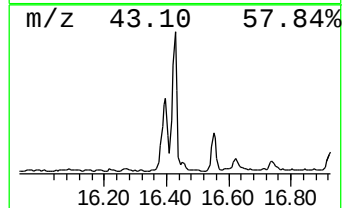
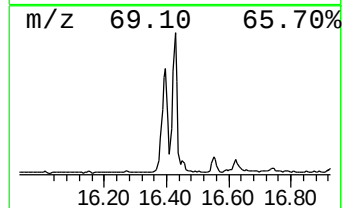
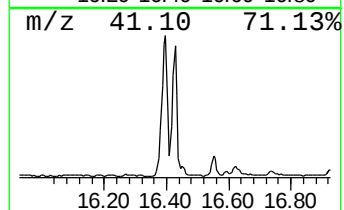
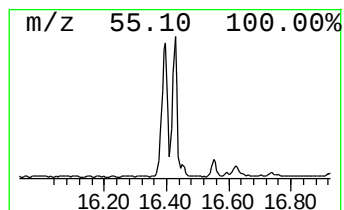
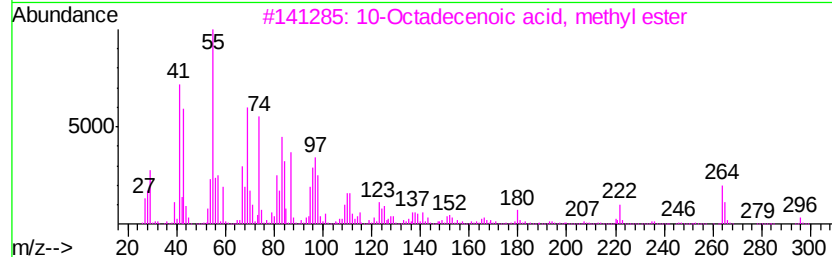
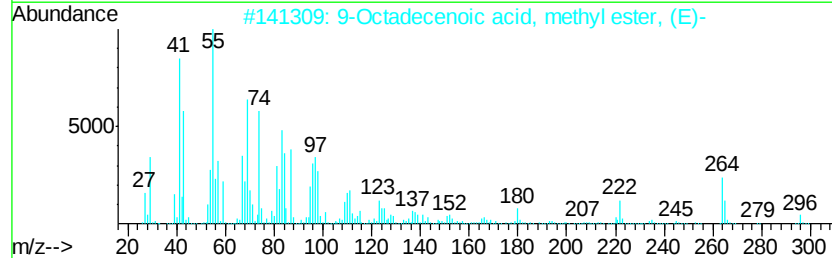
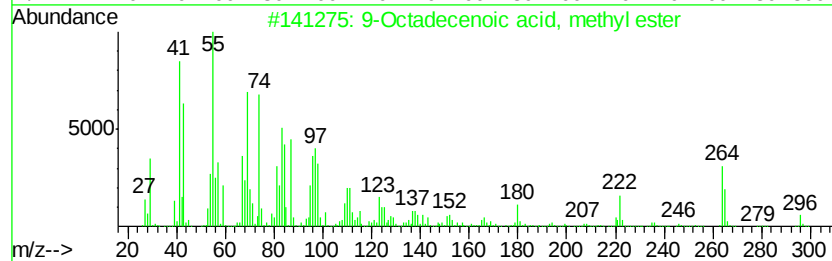
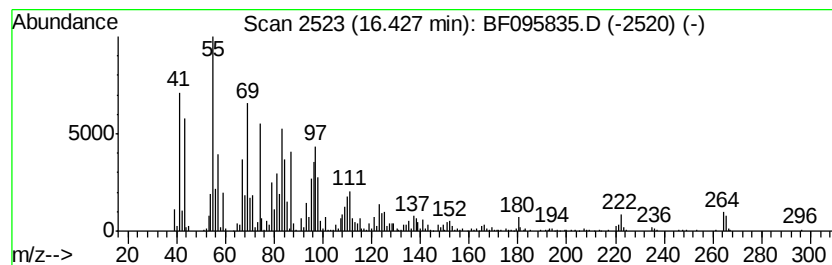
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 9-Octadecenoic acid, methyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.43	56.92 ng	1633200	Phenanthrene-d10	14.62

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	99
2			9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	99
3			10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	99
4			6-Octadecenoic acid, methyl este...	296	C19H36O2	002777-58-4	99
5			cis-13-Octadecenoic acid, methyl...	296	C19H36O2	1000333-58-3	99



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060917\
Data File : BF095835.D
Acq On : 9 Jun 2017 22:34
Operator : SJ/MA
Sample : I3575-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-06-060817-C

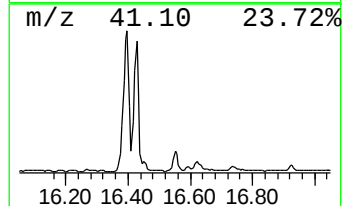
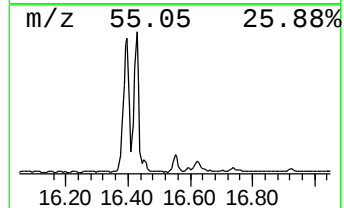
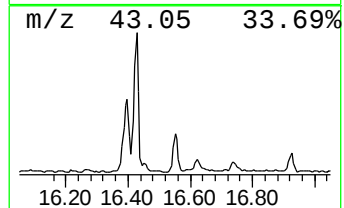
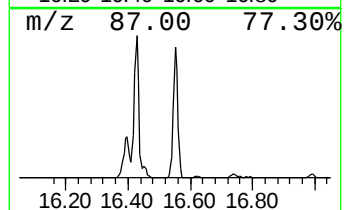
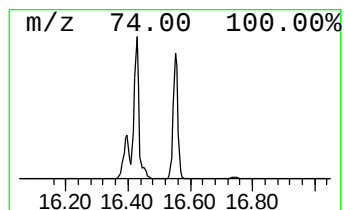
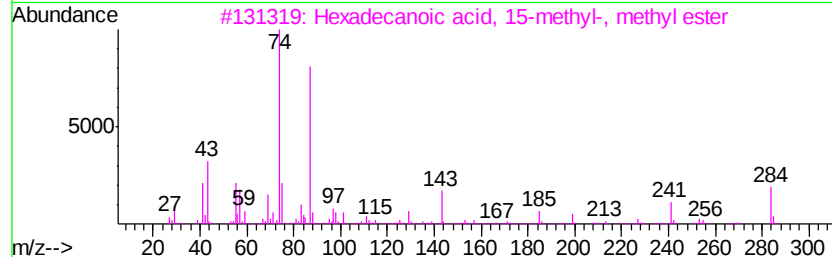
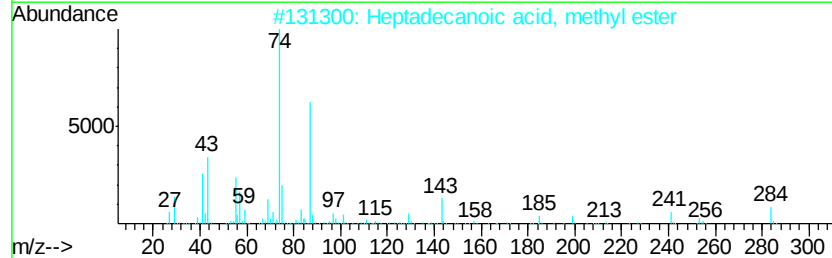
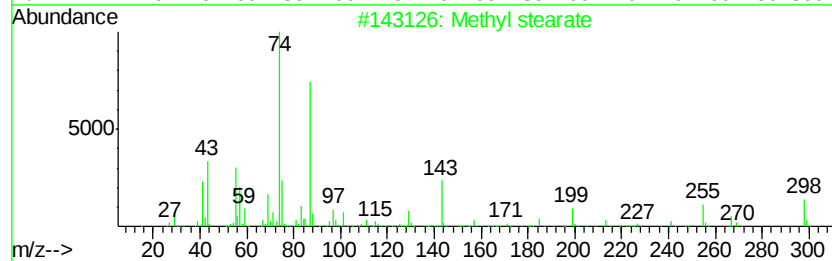
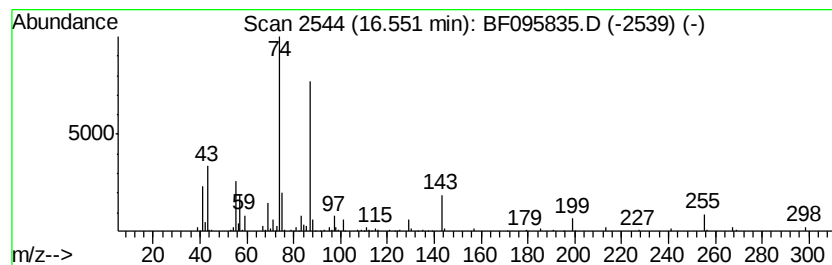
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Methyl stearate Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.55	12.29 ng	289413	Chrysene-d12	18.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Methyl stearate	298	C19H38O2	000112-61-8	97
2		Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	91
3		Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	90
4		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
5		Methyl tetradecanoate	242	C15H30O2	000124-10-7	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060917\
 Data File : BF095835.D
 Acq On : 9 Jun 2017 22:34
 Operator : SJ/MA
 Sample : I3575-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-060817-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.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
2-Pentanone, 4-hy...	4.57	14.5	ng	285960	1	7.37	393502	20.0
unknown7.03	7.03	116.4	ng	2289880	1	7.37	393502	20.0
Decane	7.18	15.5	ng	305033	1	7.37	393502	20.0
Benzene, 1-ethyl-...	7.47	14.1	ng	277947	1	7.37	393502	20.0
Decane, 4-methyl-	7.94	20.8	ng	408858	1	7.37	393502	20.0
1,3-Cyclopentadie...	9.02	11.0	ng	627229	2	9.40	1139200	20.0
Dodecane	9.50	16.5	ng	942236	2	9.40	1139200	20.0
Decane, 3,6-dimet...	10.22	12.6	ng	716280	2	9.40	1139200	20.0
Tridecane	10.49	21.8	ng	1242840	2	9.40	1139200	20.0
unknown10.95	10.95	12.3	ng	336012	3	12.22	548815	20.0
Tetradecane	11.42	41.3	ng	1132680	3	12.22	548815	20.0
Heptadecane	12.27	21.4	ng	587406	3	12.22	548815	20.0
Hexadecane	13.08	12.3	ng	337702	3	12.22	548815	20.0
Nonadecane, 9-met...	13.85	11.0	ng	316391	4	14.62	573841	20.0
Hexadecanoic acid...	15.42	24.4	ng	701041	4	14.62	573841	20.0
9,12-Octadecadien...	16.40	84.5	ng	2423780	4	14.62	573841	20.0
9-Octadecenoic ac...	16.43	56.9	ng	1633200	4	14.62	573841	20.0
Methyl stearate	16.55	12.3	ng	289413	5	18.33	470797	20.0