

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050817\
 Data File : BF094993.D
 Acq On : 8 May 2017 22:13
 Operator : SJ/MA
 Sample : I2859-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 UT-3

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-BF050217.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	5.654	628	632	652	rBV	1437412	2223425	18.94%	0.858%
2	6.989	850	859	864	rBV3	559423	1233005	10.50%	0.476%
3	7.131	877	883	886	rBV2	518328	676390	5.76%	0.261%
4	7.254	898	904	911	rBV	1685159	2290694	19.51%	0.884%
5	7.331	911	917	919	rBV	498907	675177	5.75%	0.260%
6	7.378	919	925	930	rVB	1892416	2777560	23.66%	1.072%
7	7.531	945	951	960	rVB	2213024	3066917	26.12%	1.183%
8	7.813	994	999	1004	rVB	2134816	2652114	22.59%	1.023%
9	7.878	1004	1010	1014	rBV3	655158	1295285	11.03%	0.500%
10	7.960	1020	1024	1029	rBV2	1794881	3365855	28.67%	1.299%
11	8.007	1029	1032	1043	rVB4	634477	1422012	12.11%	0.549%
12	8.231	1067	1070	1075	rBV3	838878	1152690	9.82%	0.445%
13	8.278	1075	1078	1082	rVB2	997217	1196746	10.19%	0.462%
14	8.331	1082	1087	1095	rBV4	1719600	3044482	25.93%	1.175%
15	8.407	1095	1100	1108	rBV2	1154246	1666830	14.20%	0.643%
16	8.613	1128	1135	1140	rBV4	1738924	3789989	32.28%	1.462%
17	8.672	1140	1145	1149	rVB3	670548	1076487	9.17%	0.415%
18	8.772	1154	1162	1167	rBV	4563842	8847637	75.36%	3.413%
19	8.883	1174	1181	1184	rBV5	303854	721390	6.14%	0.278%
20	8.919	1184	1187	1189	rBV4	907766	1258935	10.72%	0.486%
21	8.995	1194	1200	1206	rBV6	1256139	3303006	28.13%	1.274%
22	9.048	1206	1209	1212	rVB	977269	1034782	8.81%	0.399%
23	9.178	1226	1231	1236	rVV3	1925391	3885032	33.09%	1.499%
24	9.360	1255	1262	1266	rBV5	1909083	4530478	38.59%	1.748%
25	9.407	1266	1270	1273	rBV	1089770	1496494	12.75%	0.577%
26	9.466	1276	1280	1283	rVB	1928597	2613991	22.26%	1.008%
27	9.530	1283	1291	1295	rBV4	1633961	3010614	25.64%	1.161%
28	9.660	1310	1313	1321	rVB5	387607	701430	5.97%	0.271%
29	9.748	1321	1328	1331	rBV4	2150948	4540321	38.67%	1.752%
30	9.866	1336	1348	1350	rVV2	4785910	11740903	100.00%	4.530%
31	9.983	1361	1368	1371	rVB	3451195	5462395	46.52%	2.107%
32	10.048	1376	1379	1383	rVB3	1159020	1582790	13.48%	0.611%
33	10.119	1383	1391	1397	rBV6	1141959	3024709	25.76%	1.167%
34	10.236	1408	1411	1416	rVB4	1183404	1752063	14.92%	0.676%

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35	10.295	1416	1421	1426	rBV2	1951548	3214221	27.38%	1.240%
36	10.383	1429	1436	1441	rBV5	1395389	2799352	23.84%	1.080%
37	10.430	1441	1444	1447	rVB2	1030441	1208209	10.29%	0.466%
38	10.489	1450	1454	1457	rVV2	1539084	1903916	16.22%	0.735%
39	10.577	1460	1469	1475	rVB3	3453003	7929155	67.53%	3.059%
40	10.683	1484	1487	1493	rVB6	768083	1661540	14.15%	0.641%
41	10.766	1498	1501	1504	rBV3	418949	712111	6.07%	0.275%
42	10.866	1509	1518	1521	rVV	4563861	11365518	96.80%	4.385%
43	10.919	1522	1527	1536	rVB4	1582117	3591521	30.59%	1.386%
44	10.995	1536	1540	1543	rBV	1189485	1538899	13.11%	0.594%
45	11.077	1549	1554	1559	rBV2	1823529	3243111	27.62%	1.251%
46	11.130	1559	1563	1570	rVV4	862327	1988981	16.94%	0.767%
47	11.301	1588	1592	1595	rBV	2002136	2910451	24.79%	1.123%
48	11.377	1601	1605	1609	rVB4	981288	1506620	12.83%	0.581%
49	11.436	1611	1615	1619	rVV	1230192	1935646	16.49%	0.747%
50	11.501	1622	1626	1628	rVV2	1401331	2275750	19.38%	0.878%
51	11.536	1628	1632	1633	rVV	2699733	3967249	33.79%	1.531%
52	11.583	1637	1640	1646	rVB5	684860	1129744	9.62%	0.436%
53	11.642	1646	1650	1655	rBV5	661117	1399391	11.92%	0.540%
54	11.795	1665	1676	1679	rBV	4090269	10714184	91.26%	4.133%
55	11.836	1680	1683	1690	rVB3	1119505	2137251	18.20%	0.825%
56	11.954	1700	1703	1709	rVB2	1651543	2994028	25.50%	1.155%
57	12.072	1718	1723	1727	rBV	1497546	2906569	24.76%	1.121%
58	12.119	1727	1731	1734	rVV2	1272381	1834043	15.62%	0.708%
59	12.148	1734	1736	1739	rVB	1784286	1836909	15.65%	0.709%
60	12.219	1745	1748	1749	rBV	608966	703662	5.99%	0.271%
61	12.295	1756	1761	1764	rVB	2606940	4487319	38.22%	1.731%
62	12.324	1764	1766	1771	rVB2	1584976	1982017	16.88%	0.765%
63	12.377	1771	1775	1780	rBV6	1646569	2873734	24.48%	1.109%
64	12.466	1785	1790	1795	rVB4	1867140	3436768	29.27%	1.326%
65	12.648	1816	1821	1824	rVB	3429082	5436826	46.31%	2.097%
66	12.801	1842	1847	1854	rBV	1055964	2359580	20.10%	0.910%
67	12.866	1855	1858	1862	rVB	943224	1249276	10.64%	0.482%
68	12.936	1867	1870	1872	rBV4	610085	798200	6.80%	0.308%
69	12.966	1872	1875	1878	rVB	1201063	1350786	11.50%	0.521%
70	13.030	1878	1886	1888	rBV	1232681	2609636	22.23%	1.007%
71	13.095	1894	1897	1899	rBV3	557027	730361	6.22%	0.282%

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72	13.142	1901	1905	1910	rVB2	1951841	3022557	25.74%	1.166%
73	13.189	1910	1913	1923	rVB3	1110022	2048766	17.45%	0.790%
74	13.283	1923	1929	1932	rBV3	932394	2192263	18.67%	0.846%
75	13.454	1950	1958	1961	rBV	3276896	5913427	50.37%	2.281%
76	13.489	1961	1964	1972	rVB5	1244025	2290823	19.51%	0.884%
77	13.560	1972	1976	1978	rBV3	741940	1076784	9.17%	0.415%
78	13.801	2007	2017	2020	rVV2	2214155	4287304	36.52%	1.654%
79	13.883	2027	2031	2036	rBV4	909221	1426515	12.15%	0.550%
80	14.242	2082	2092	2099	rBV2	3112250	8857400	75.44%	3.417%
81	14.424	2120	2123	2127	rVB	735826	948092	8.08%	0.366%
82	14.571	2144	2148	2152	rVV2	459926	670617	5.71%	0.259%
83	14.618	2152	2156	2161	rVV5	510622	754289	6.42%	0.291%
84	14.942	2205	2211	2214	rBV	2201161	3028509	25.79%	1.168%
85	14.983	2214	2218	2222	rVV	2380513	3459776	29.47%	1.335%
86	15.024	2222	2225	2229	rVB	1636487	1977225	16.84%	0.763%
87	15.201	2251	2255	2257	rBV	512917	718996	6.12%	0.277%
88	15.518	2303	2309	2313	rBV2	486521	1117032	9.51%	0.431%
89	15.595	2318	2322	2326	rVB	1978206	2282385	19.44%	0.881%
90	15.807	2354	2358	2367	rVB	854062	1373772	11.70%	0.530%
91	15.912	2373	2376	2380	rBV2	447902	677448	5.77%	0.261%
92	15.954	2380	2383	2390	rVB2	576073	911270	7.76%	0.352%
93	16.183	2418	2422	2427	rBV	1642690	2027889	17.27%	0.782%
94	16.559	2482	2486	2490	rBV2	516668	880887	7.50%	0.340%
95	16.718	2510	2513	2517	rBV2	1045013	1255467	10.69%	0.484%
96	16.759	2517	2520	2524	rVB	945161	996834	8.49%	0.385%
97	17.059	2567	2571	2576	rVB	902266	1048482	8.93%	0.404%
98	17.218	2594	2598	2601	rBV	731341	782798	6.67%	0.302%
99	17.301	2607	2612	2620	rVB	2106169	2549691	21.72%	0.984%
100	18.630	2833	2838	2842	rBV2	563898	796174	6.78%	0.307%

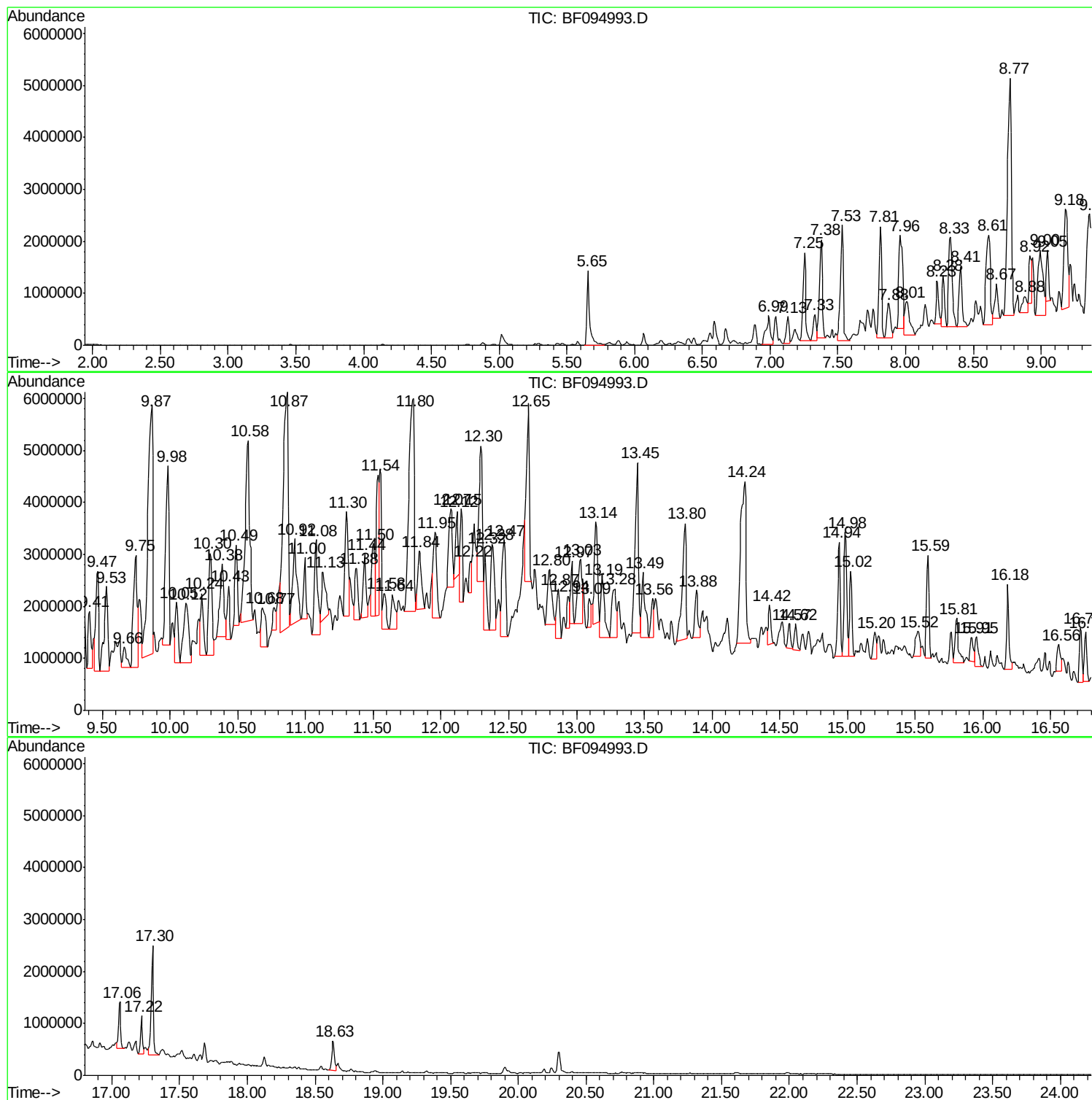
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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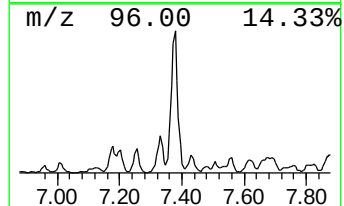
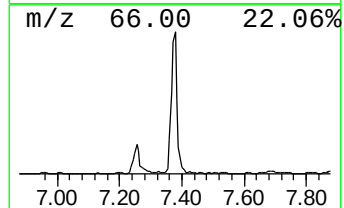
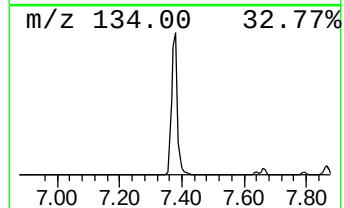
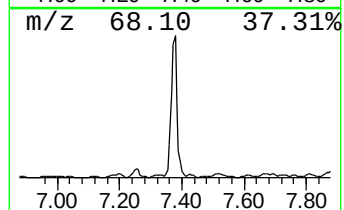
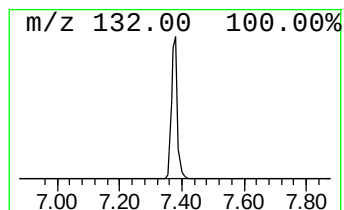
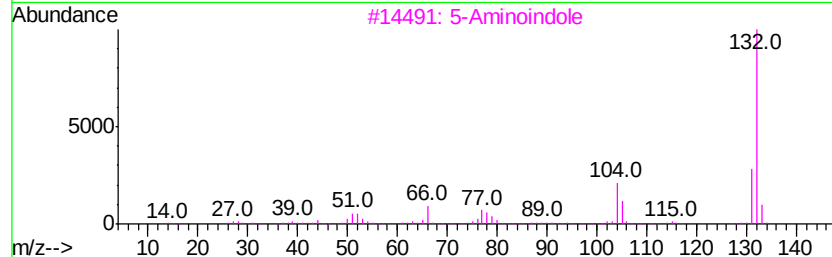
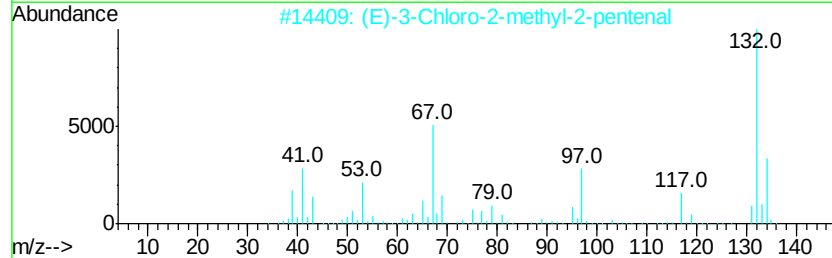
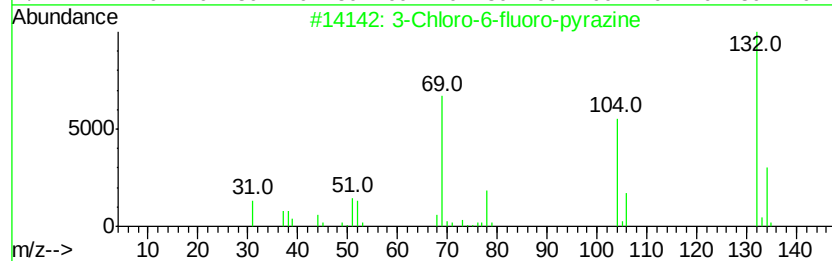
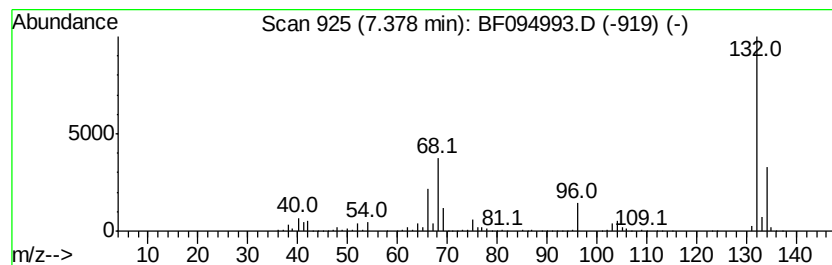
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown7.38 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.38	20.95 ng	2777560	1,4-Dichlorobenzene-d4	7.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Xenon	132	Xe	007440-63-3	9
5		1-Aminoindan	133	C9H11N	034698-41-4	9



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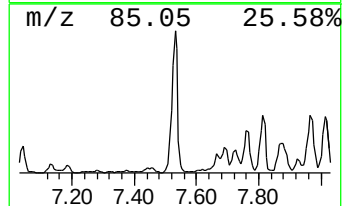
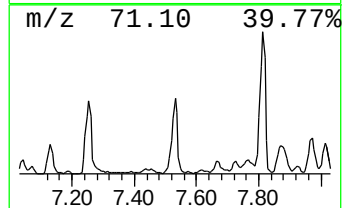
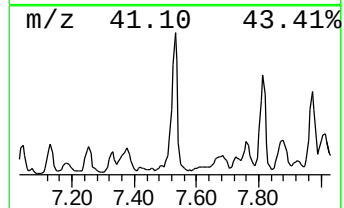
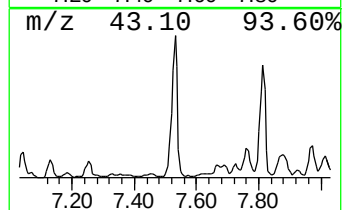
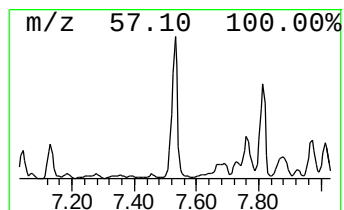
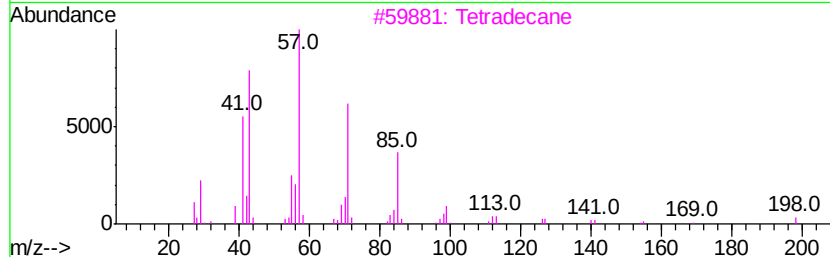
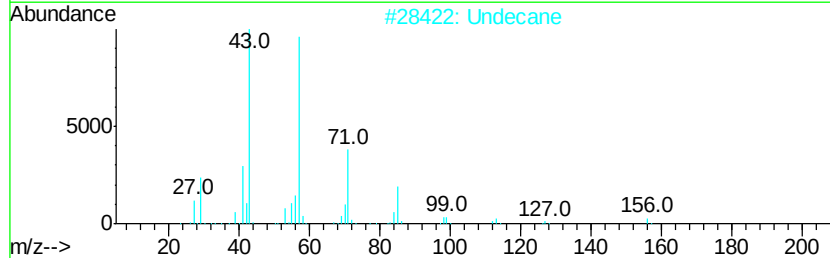
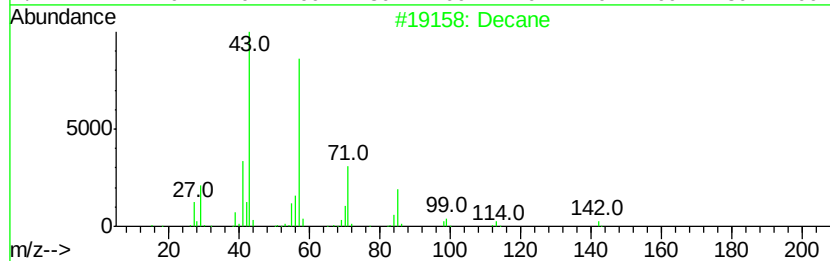
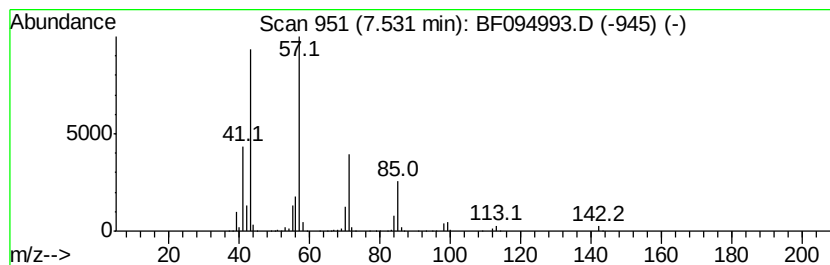
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 Decane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.53	23.13 ng	3066920	1,4-Dichlorobenzene-d4	7.72

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane		142	C10H22	000124-18-5	90
2	Undecane		156	C11H24	001120-21-4	90
3	Tetradecane		198	C14H30	000629-59-4	83
4	Hexadecane		226	C16H34	000544-76-3	83
5	Tridecane		184	C13H28	000629-50-5	78



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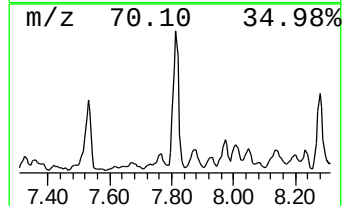
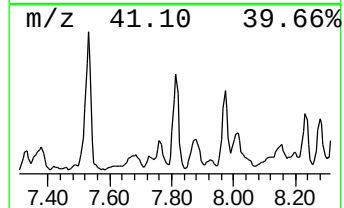
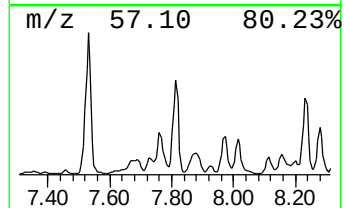
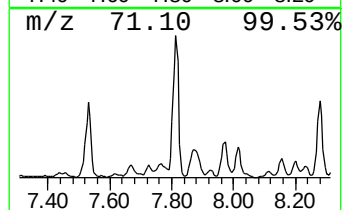
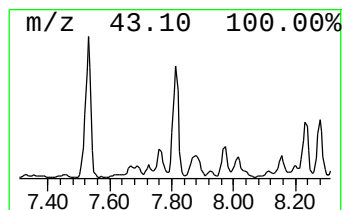
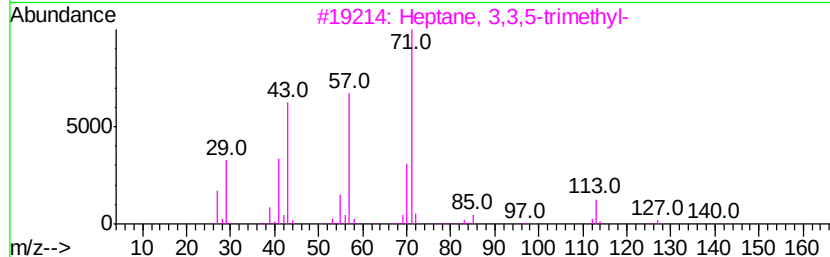
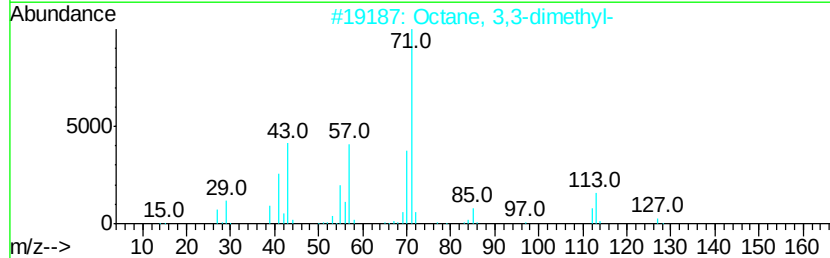
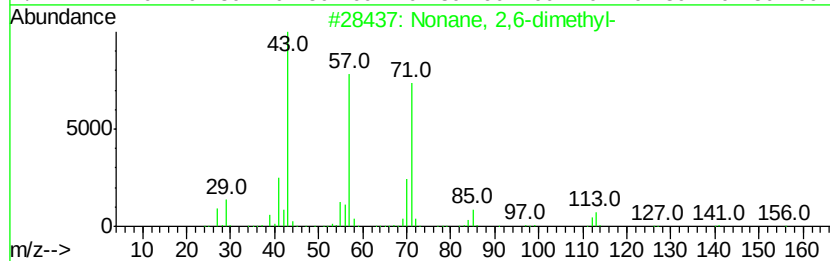
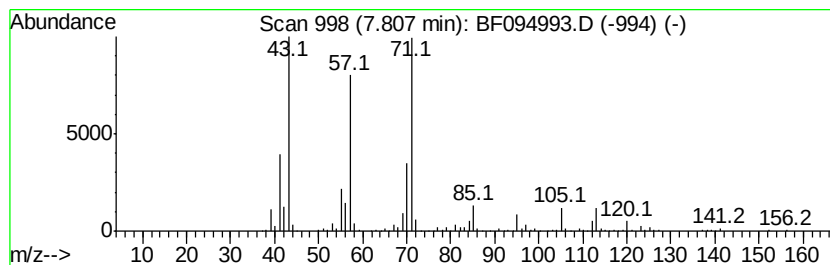
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Peak Number 3 Nonane, 2,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.81	20.00 ng	2652110	1,4-Dichlorobenzene-d4	7.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	87
2		Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	64
3		Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	64
4		Decane, 4-methyl-	156	C11H24	002847-72-5	64
5		Hexane, 2,4,4-trimethyl-	128	C9H20	016747-30-1	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050817\
Data File : BF094993.D
Acq On : 8 May 2017 22:13
Operator : SJ/MA
Sample : I2859-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

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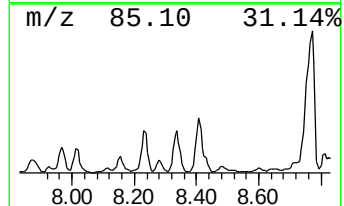
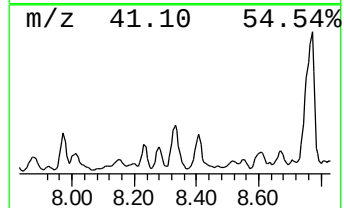
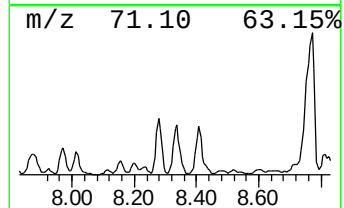
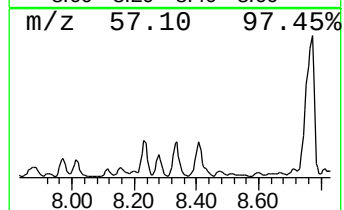
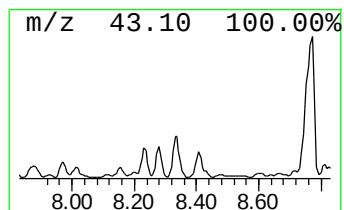
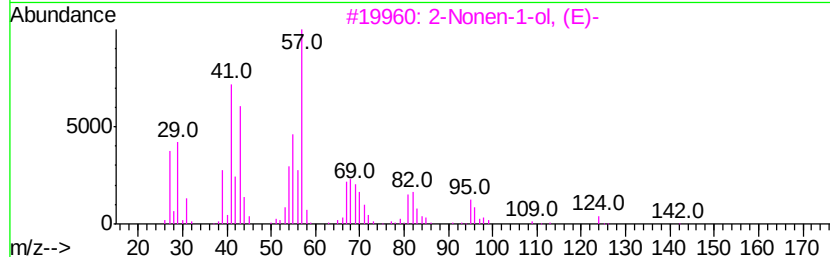
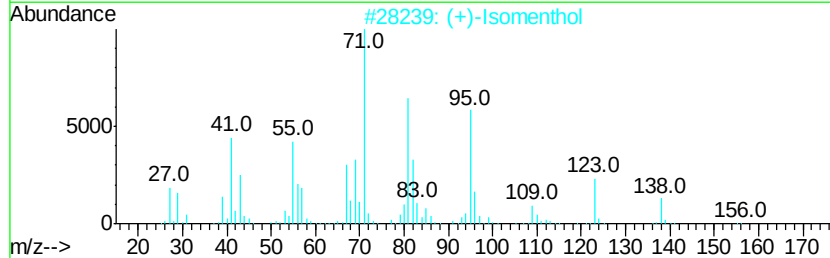
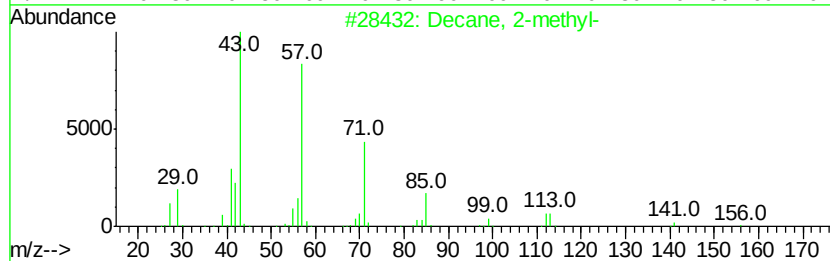
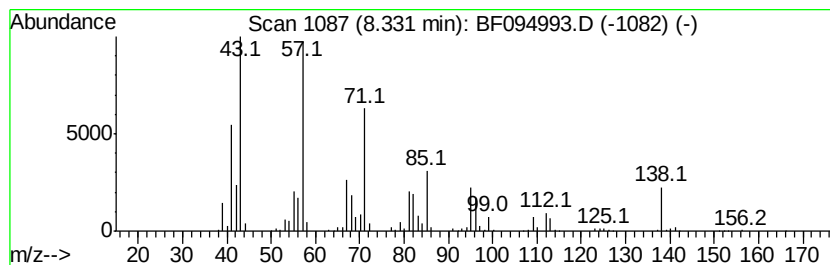
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Decane, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.33	22.96 ng	3044480	1,4-Dichlorobenzene-d4	7.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2-methyl-	156	C11H24	006975-98-0	50
2		(+)-Isomenthol	156	C10H20O	1000152-08-3	49
3		2-Nonen-1-ol, (E)-	142	C9H18O	031502-14-4	43
4		R(-)3,7-Dimethyl-1,6-octadiene	138	C10H18	010281-56-8	38
5		Undecane, 2-methyl-	170	C12H26	007045-71-8	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050817\
Data File : BF094993.D
Acq On : 8 May 2017 22:13
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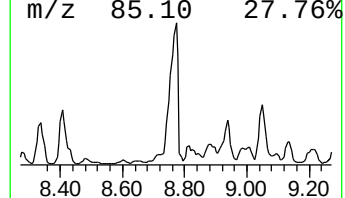
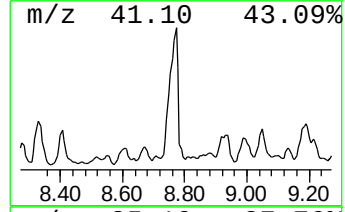
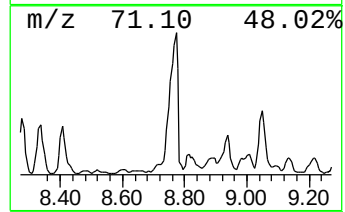
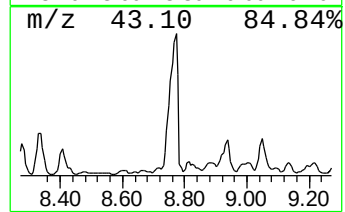
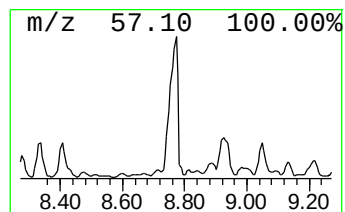
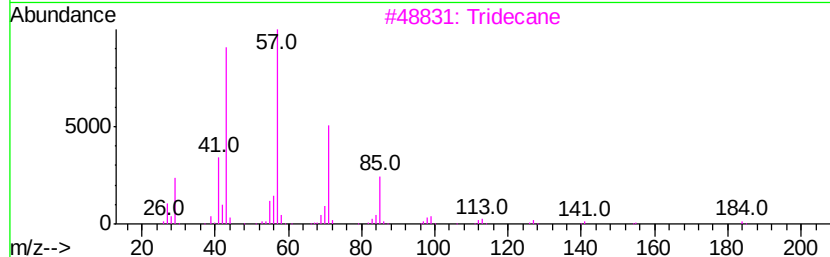
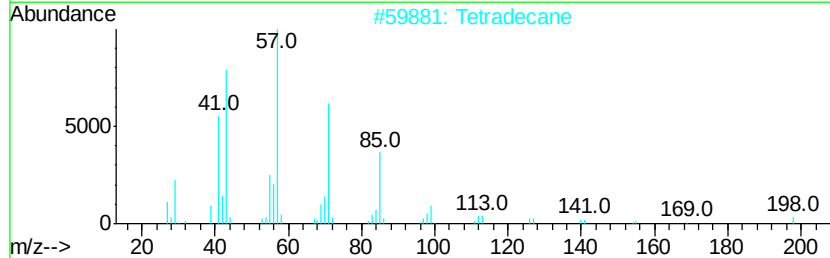
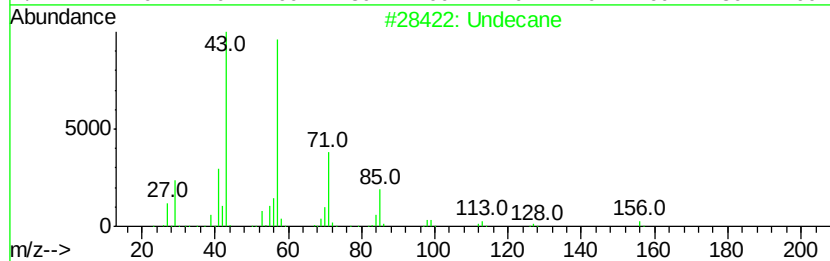
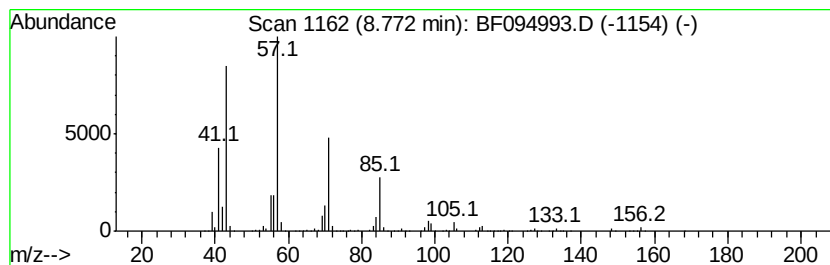
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Undecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.77	38.97 ng	8847640	Napthalene-d8	9.75	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	91
2	Tetradecane	198	C14H30	000629-59-4	90
3	Tridecane	184	C13H28	000629-50-5	86
4	Hexadecane	226	C16H34	000544-76-3	86
5	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	80



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050817\
Data File : BF094993.D
Acq On : 8 May 2017 22:13
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Sample : I2859-03
Misc :
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Instrument :
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ClientSampleId :
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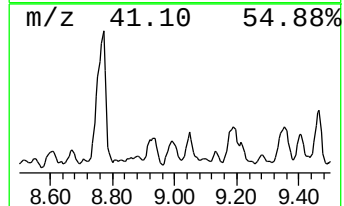
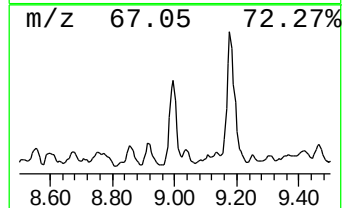
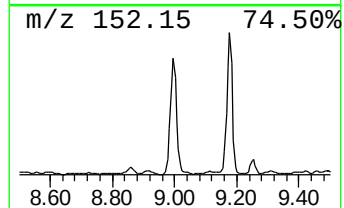
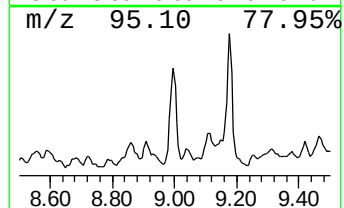
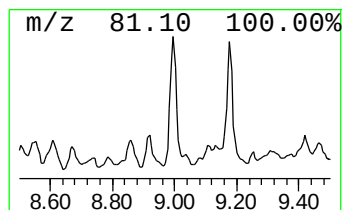
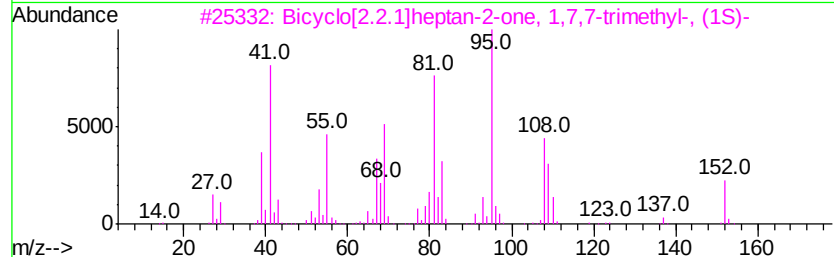
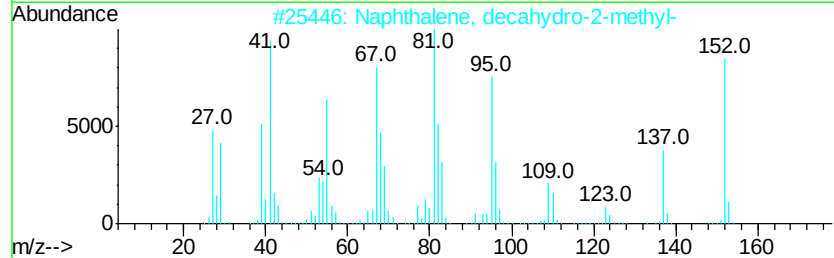
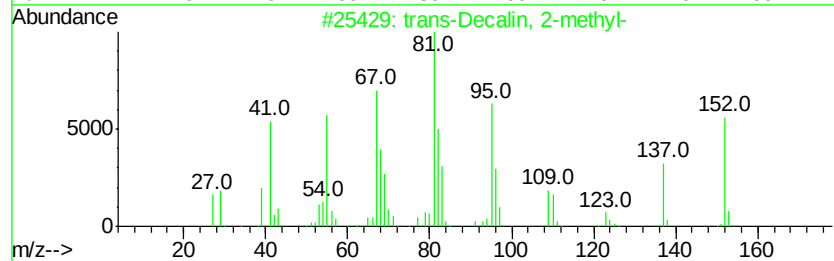
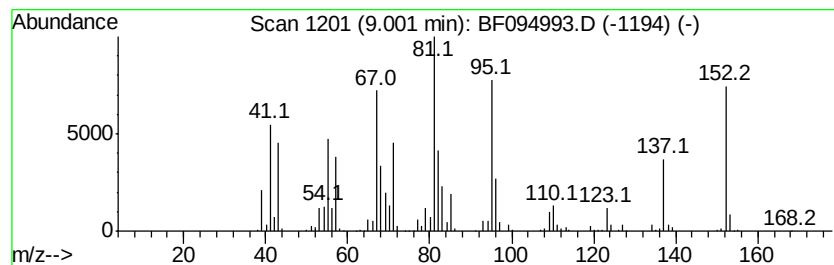
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 trans-Decalin, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.00	14.55 ng	3303010	Naphthalene-d8	9.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	94
2		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	90
3		Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	74
4		Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	70
5		5-Eicosyne	278	C20H38	074685-31-7	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050817\
Data File : BF094993.D
Acq On : 8 May 2017 22:13
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Sample : I2859-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

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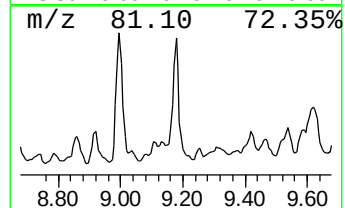
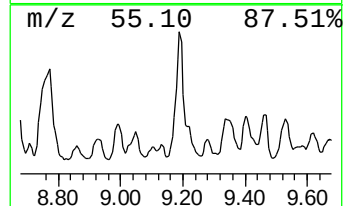
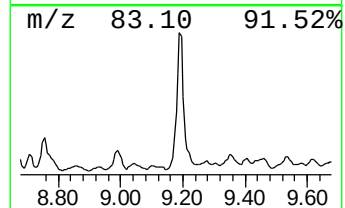
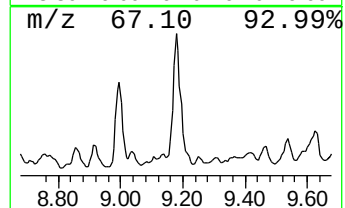
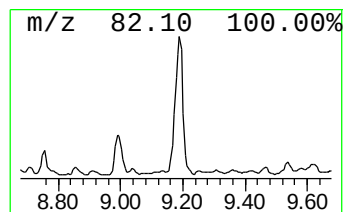
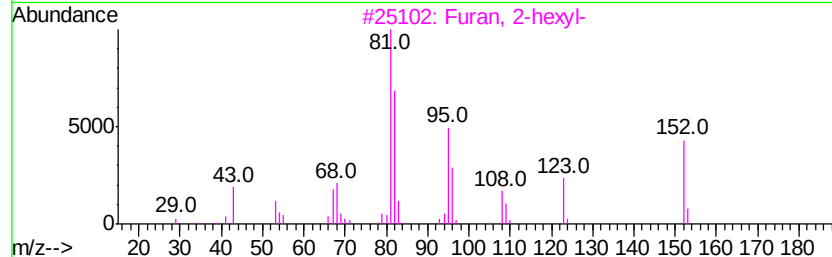
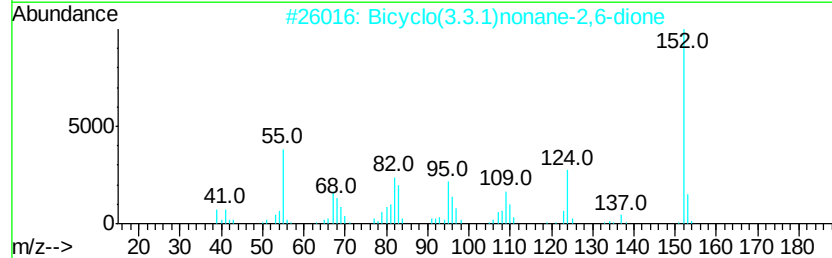
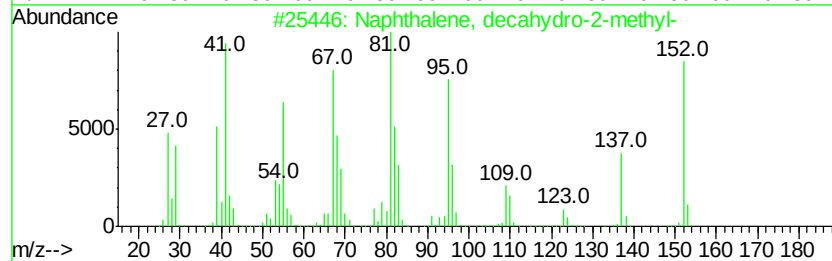
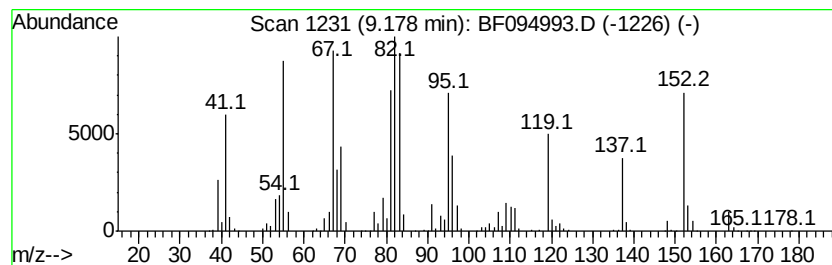
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, decahydro-2-me... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.18	17.11 ng	3885030	Naphthalene-d8	9.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	86
2		Bicyclo(3.3.1)nonane-2,6-dione	152	C9H12O2	016473-11-3	58
3		Furan, 2-hexyl-	152	C10H16O	003777-70-6	55
4		trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	55
5		cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050817\
Data File : BF094993.D
Acq On : 8 May 2017 22:13
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Misc :
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Instrument :
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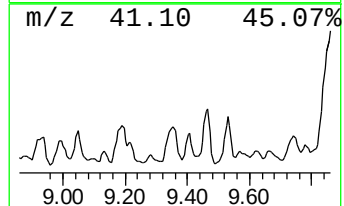
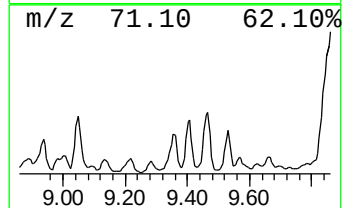
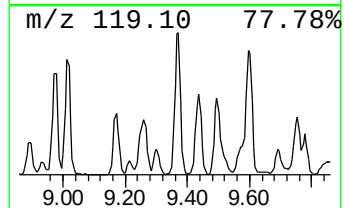
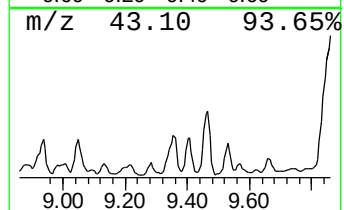
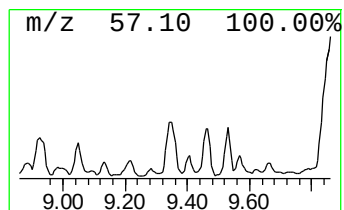
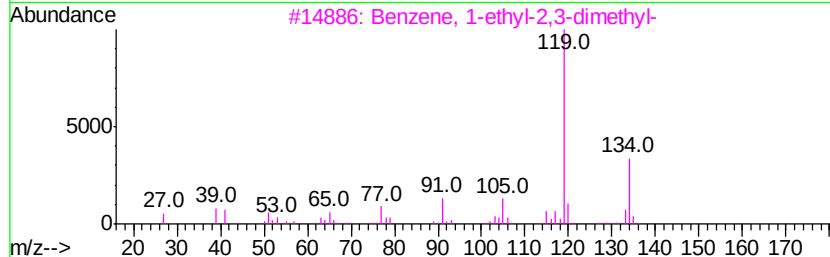
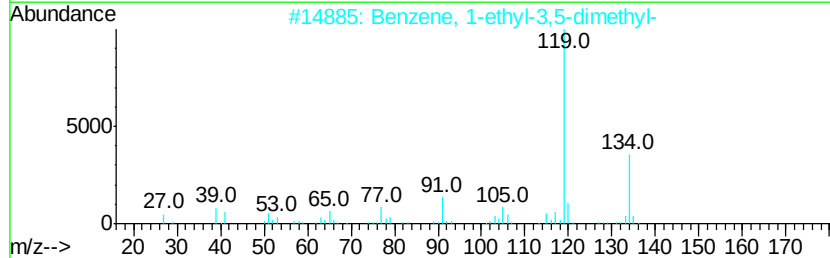
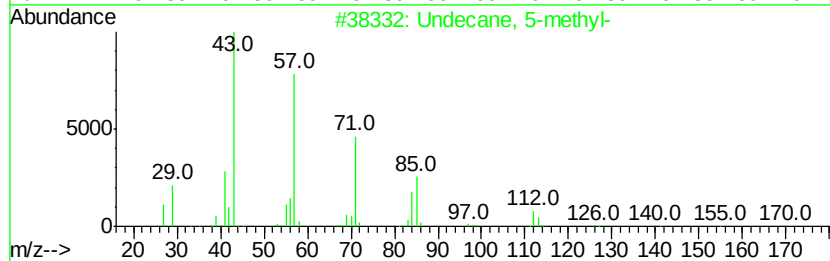
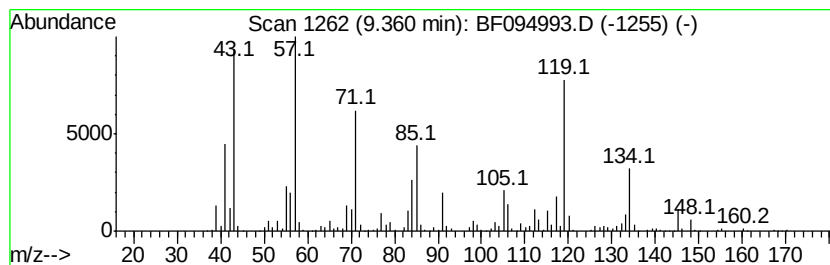
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Undecane, 5-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.36	19.96 ng	4530480	Napthalene-d8	9.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 5-methyl-	170	C12H26	001632-70-8	55
2		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	46
3		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	46
4		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	42
5		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	42



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050817\
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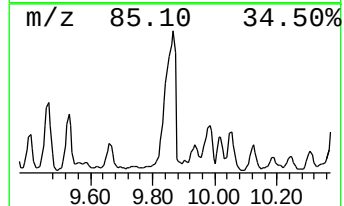
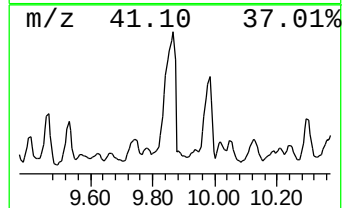
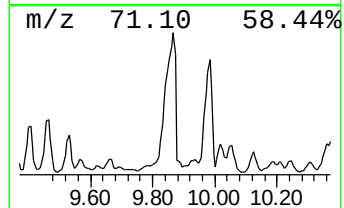
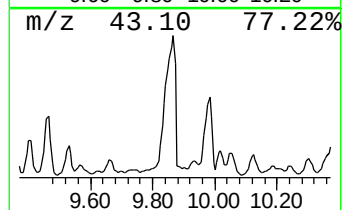
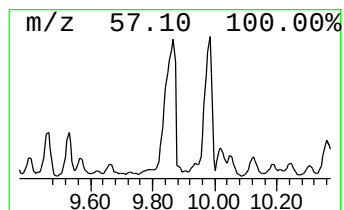
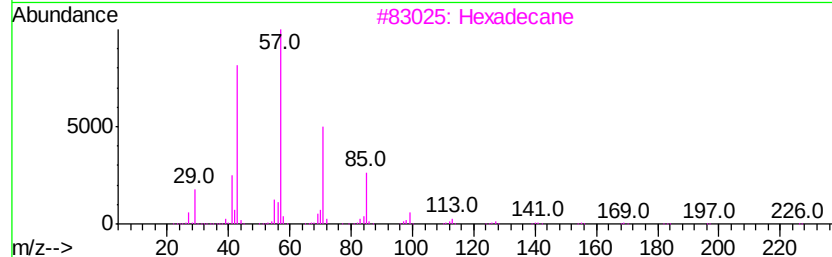
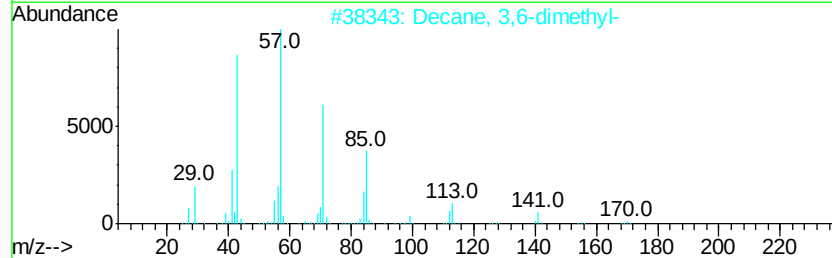
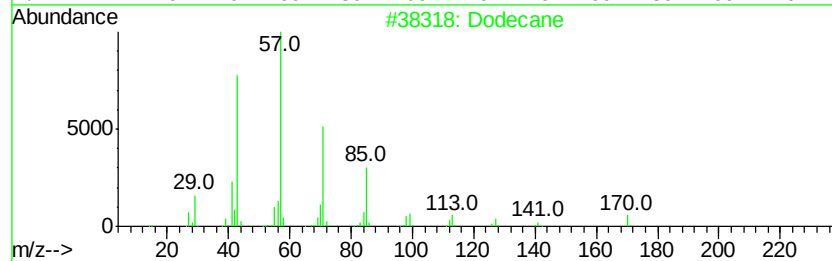
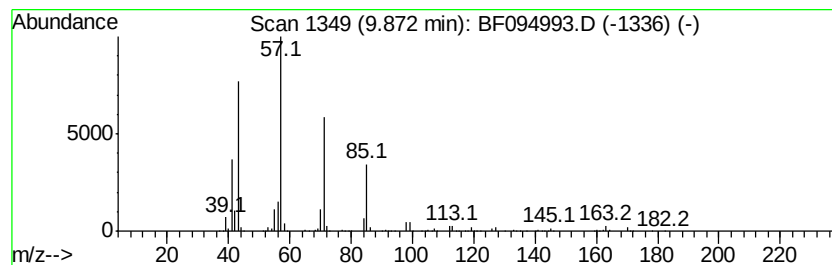
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Dodecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.87	51.72 ng	11740900	Napthalene-d8	9.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane	170	C12H26	000112-40-3	90
2		Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	87
3		Hexadecane	226	C16H34	000544-76-3	86
4		Undecane, 5-methyl-	170	C12H26	001632-70-8	74
5		Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050817\
Data File : BF094993.D
Acq On : 8 May 2017 22:13
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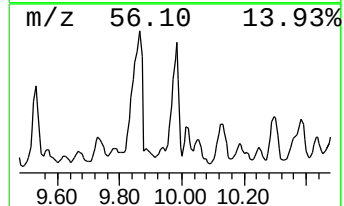
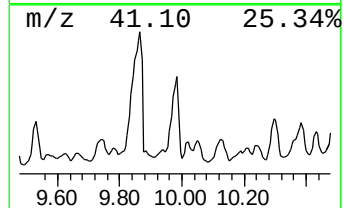
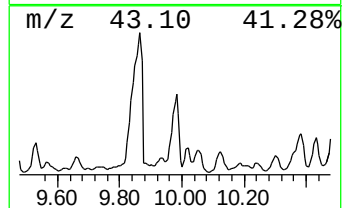
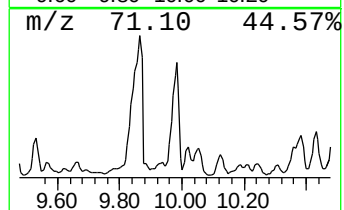
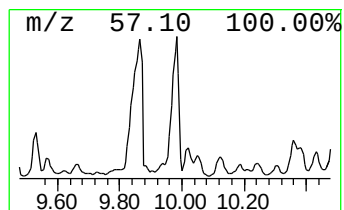
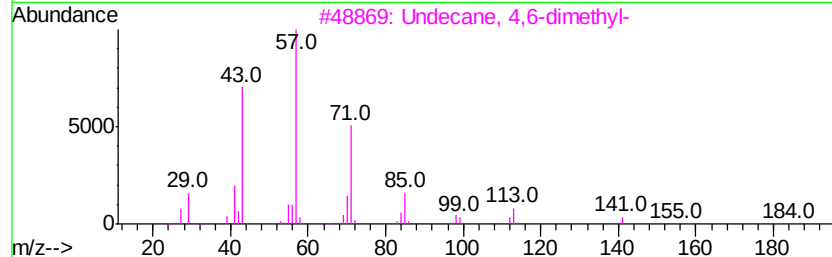
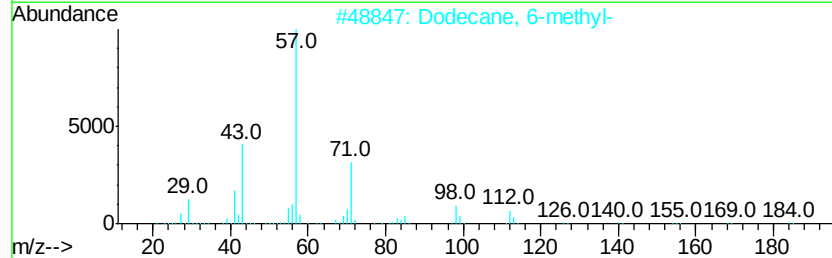
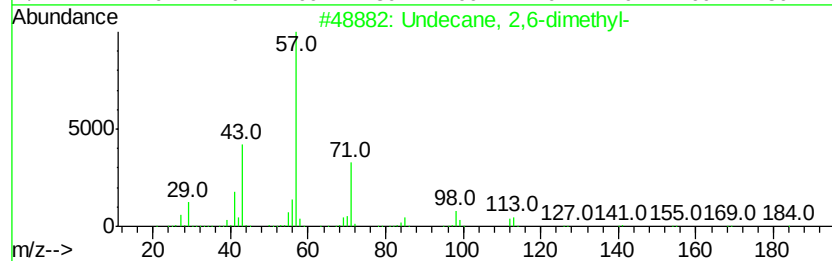
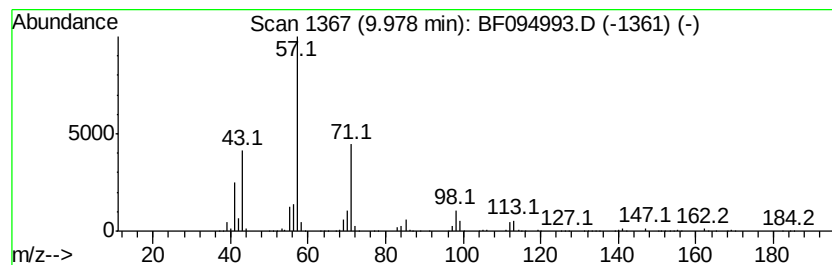
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Undecane, 2,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.98	24.06 ng	5462400	Napthalene-d8	9.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	97
2		Dodecane, 6-methyl-	184	C13H28	006044-71-9	86
3		Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	83
4		Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	64
5		Heptane, 3-(bromomethyl)-	192	C8H17Br	018908-66-2	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050817\
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Sample : I2859-03
Misc :
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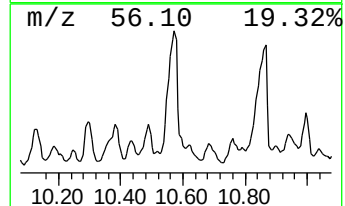
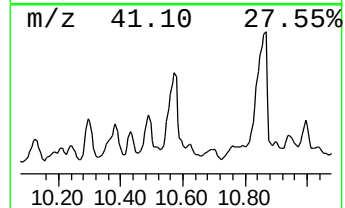
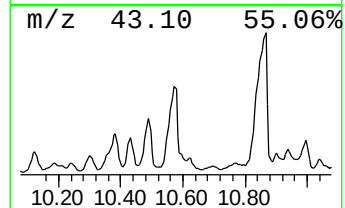
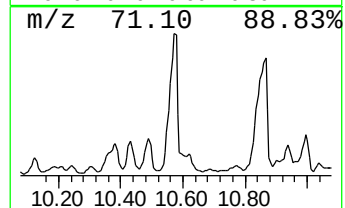
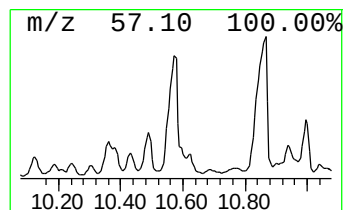
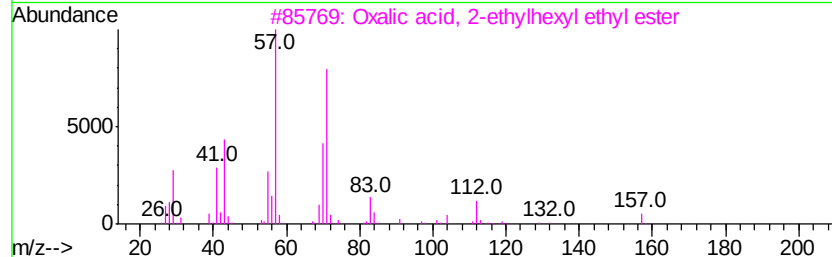
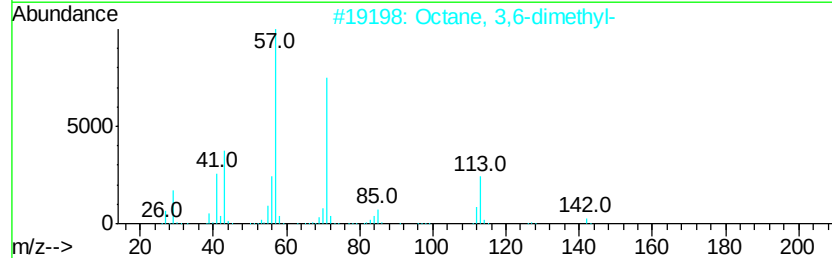
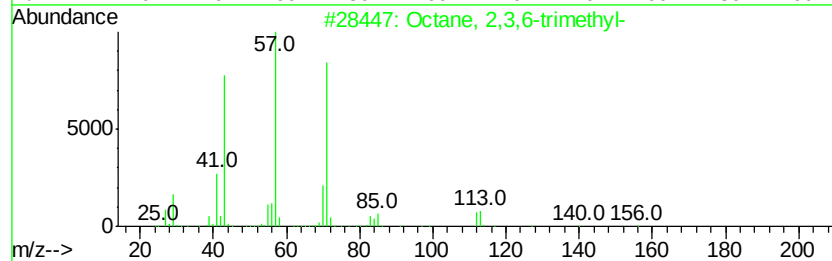
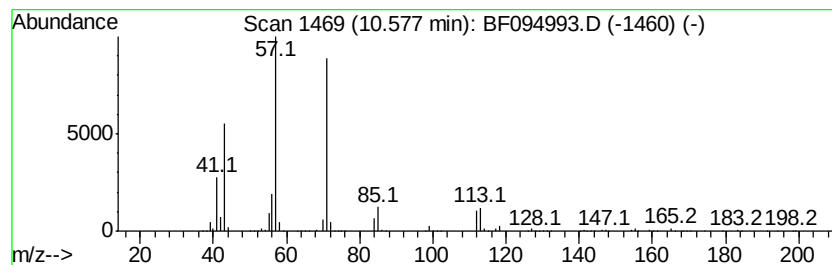
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Octane, 2,3,6-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.58	34.93 ng	7929160	Napthalene-d8	9.75
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octane, 2,3,6-trimethyl-	156 C11H24	062016-33-5	78
2	Octane, 3,6-dimethyl-	142 C10H22	015869-94-0	78
3	Oxalic acid, 2-ethylhexyl ethyl ...	230 C12H22O4	1000309-38-4	72
4	2-Ethylhexyl mercaptoacetate	204 C10H20O2S	007659-86-1	72
5	Oxalic acid, butyl 2-ethylhexyl ...	258 C14H26O4	1000309-38-6	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050817\
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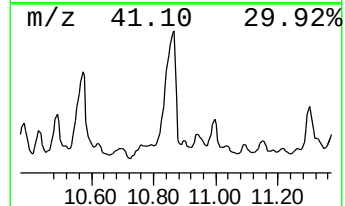
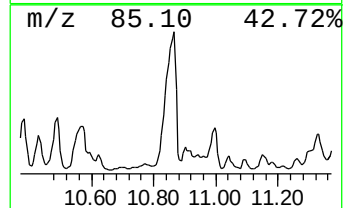
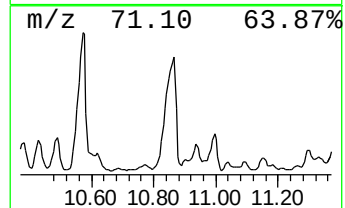
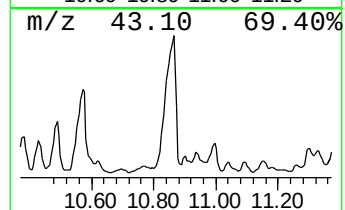
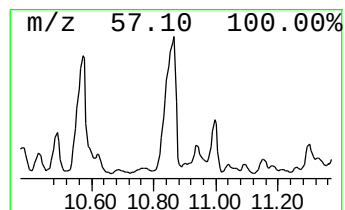
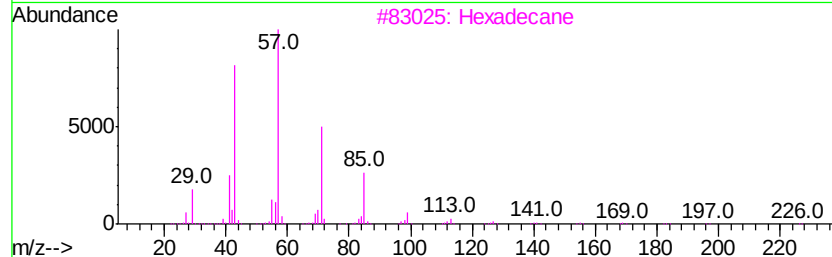
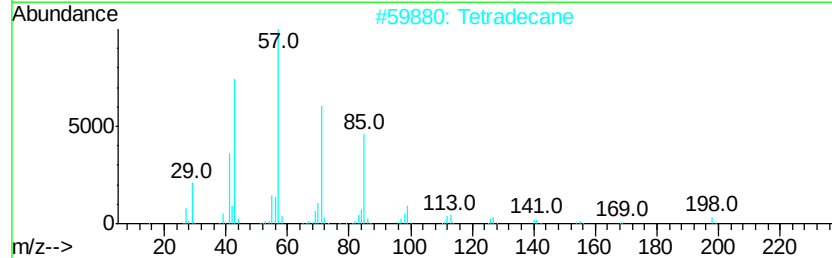
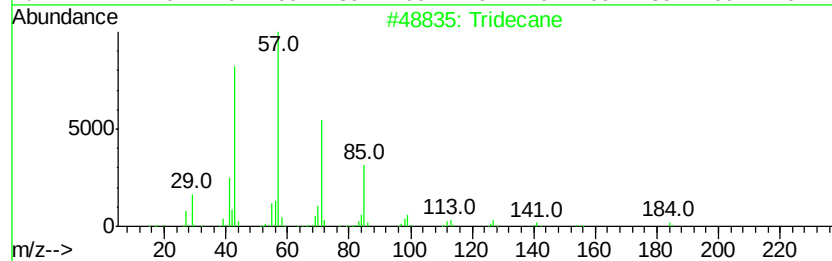
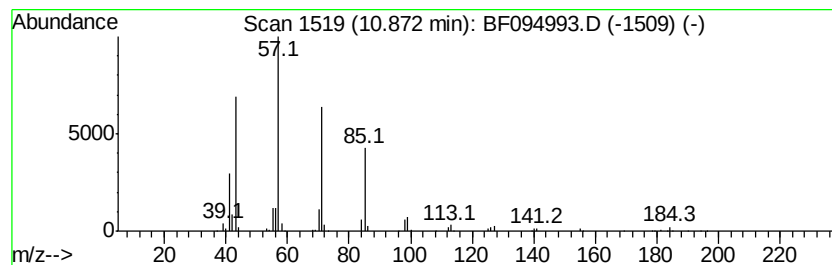
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Tridecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.87	50.06 ng	11365500	Naphthalene-d8	9.75
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Tridecane	184 C13H28	000629-50-5	91
2	Tetradecane	198 C14H30	000629-59-4	90
3	Hexadecane	226 C16H34	000544-76-3	90
4	Decane, 5-propyl-	184 C13H28	017312-62-8	72
5	Tritetracontane	605 C43H88	007098-21-7	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050817\
Data File : BF094993.D
Acq On : 8 May 2017 22:13
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Sample : I2859-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

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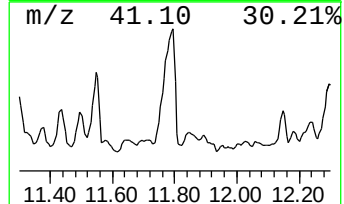
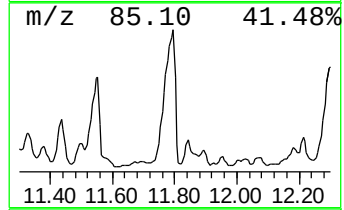
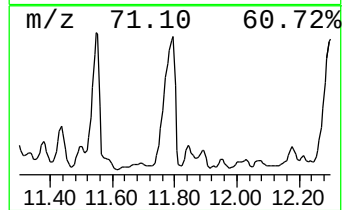
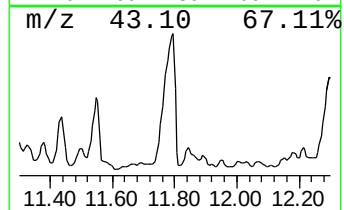
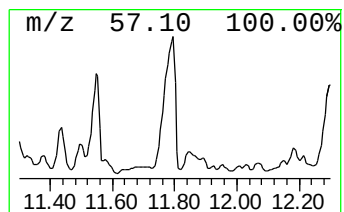
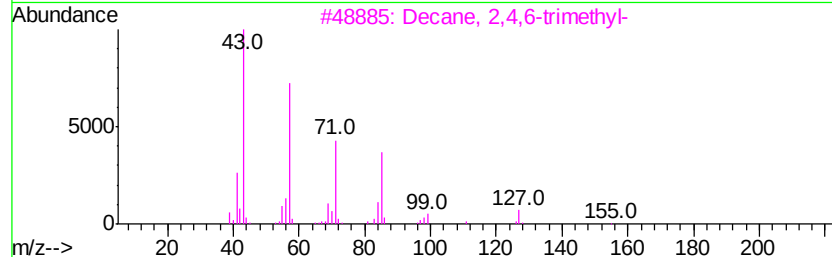
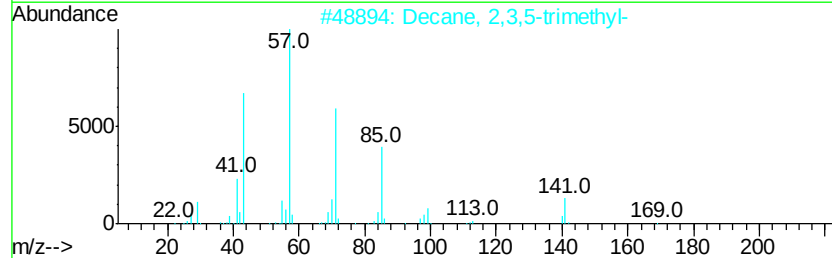
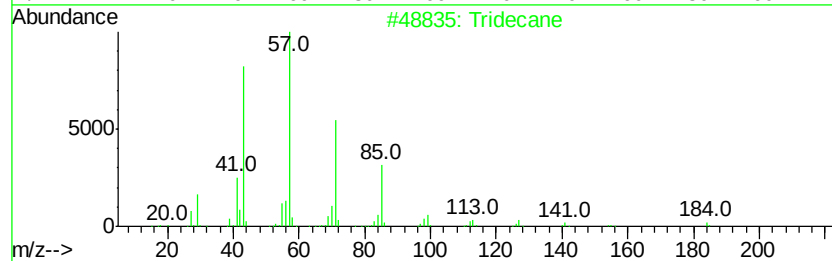
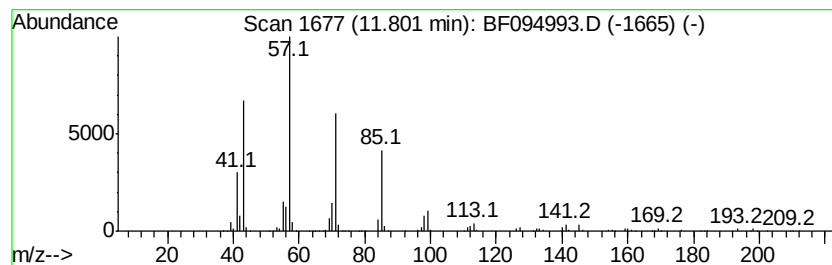
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Decane, 2,3,5-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	39.41 ng	10714200	Acenaphthene-d10	12.60

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane	184	C13H28	000629-50-5	90
2		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83
3		Decane, 2,4,6-trimethyl-	184	C13H28	062108-27-4	78
4		Hexadecane	226	C16H34	000544-76-3	72
5		Tetradecane	198	C14H30	000629-59-4	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050817\
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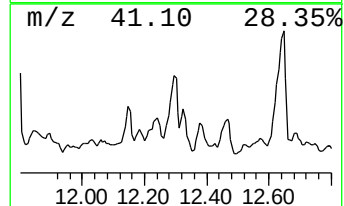
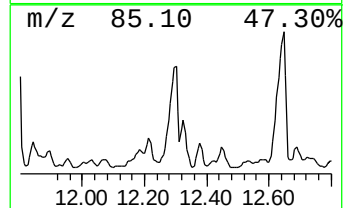
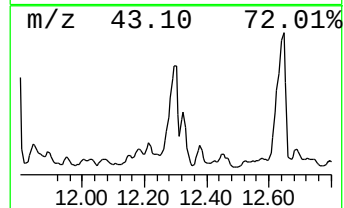
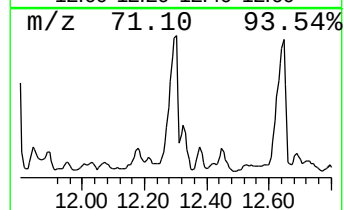
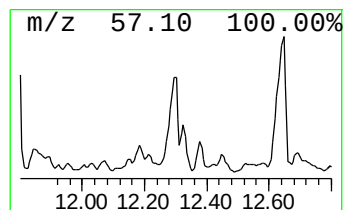
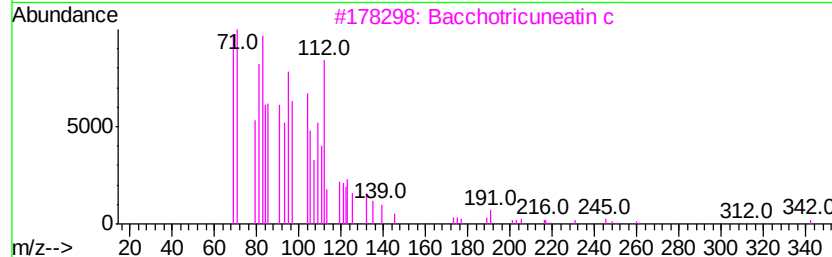
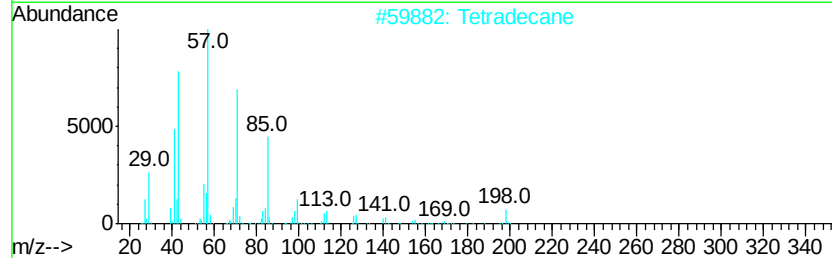
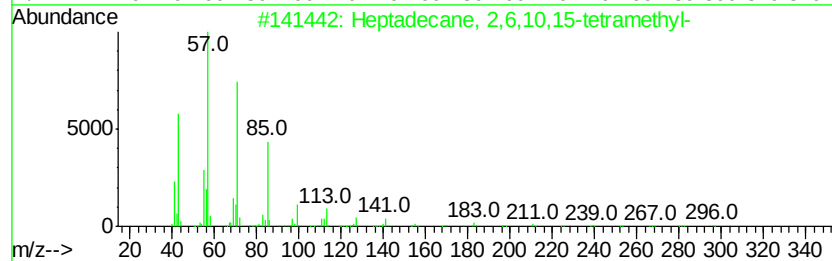
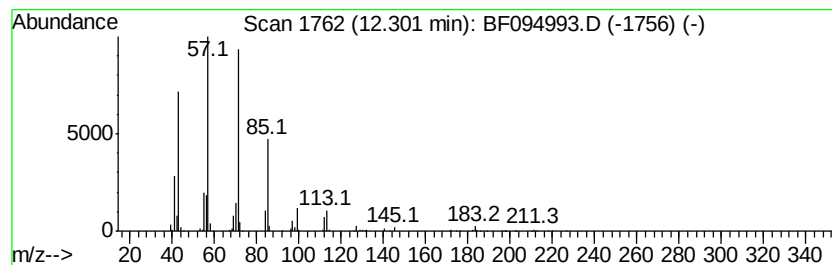
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Heptadecane, 2,6,10,15-tetr... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.30	16.51 ng	4487320	Acenaphthene-d10	12.60	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
2	Tetradecane	198	C14H30	000629-59-4	86
3	Bacchotricuneatin c	342	C20H22O5	066563-30-2	76
4	1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	64
5	1-Nonene, 4,6,8-trimethyl-	168	C12H24	054410-98-9	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050817\
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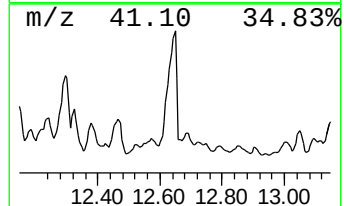
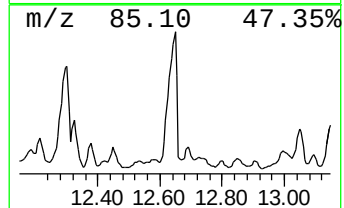
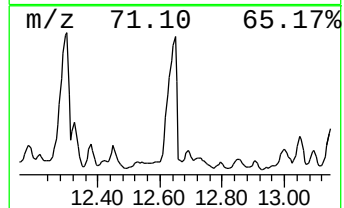
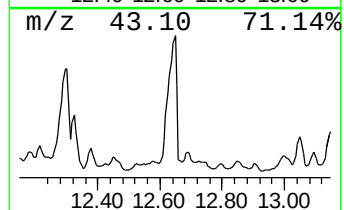
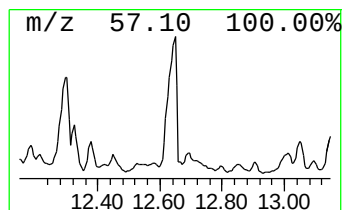
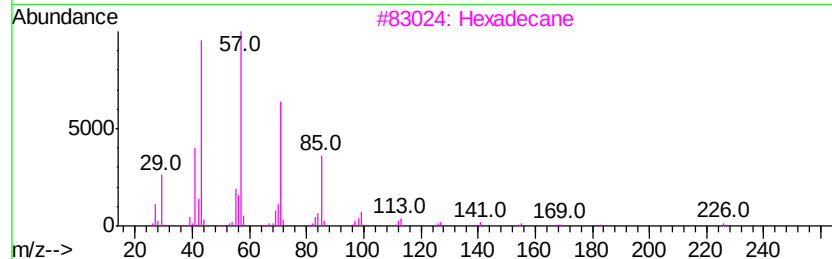
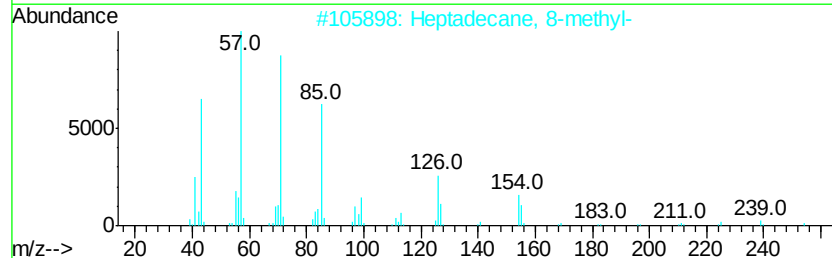
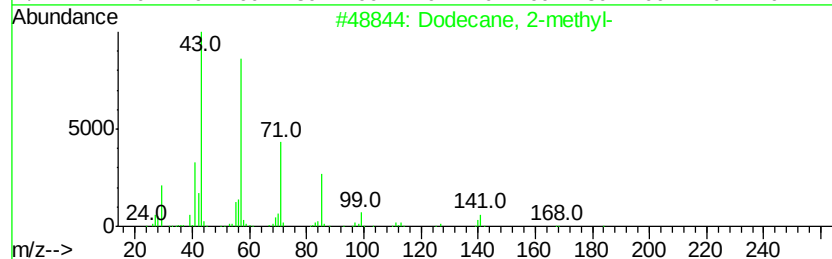
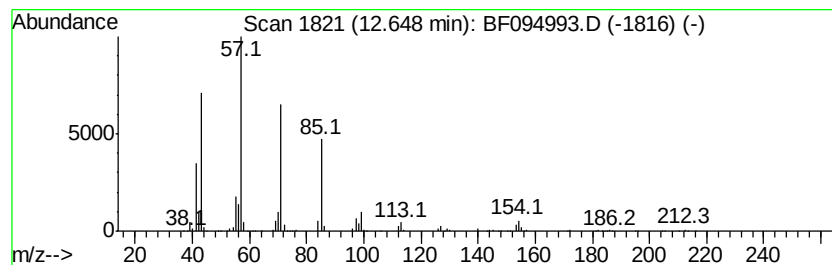
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Dodecane, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	20.00 ng	5436830	Acenaphthene-d10	12.60
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Dodecane, 2-methyl-	184 C13H28	001560-97-0	72
2	Heptadecane, 8-methyl-	254 C18H38	013287-23-5	72
3	Hexadecane	226 C16H34	000544-76-3	64
4	Nonane, 5-butyl-	184 C13H28	017312-63-9	64
5	Decane, 2,3,8-trimethyl-	184 C13H28	062238-14-6	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050817\
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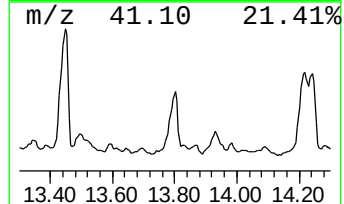
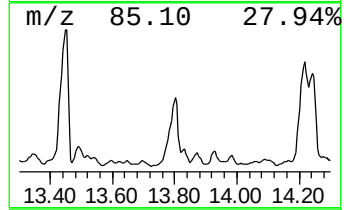
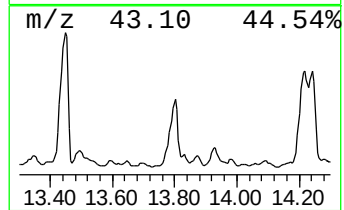
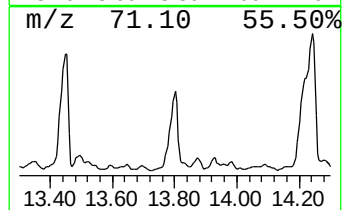
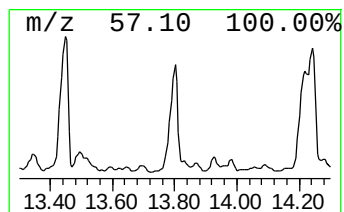
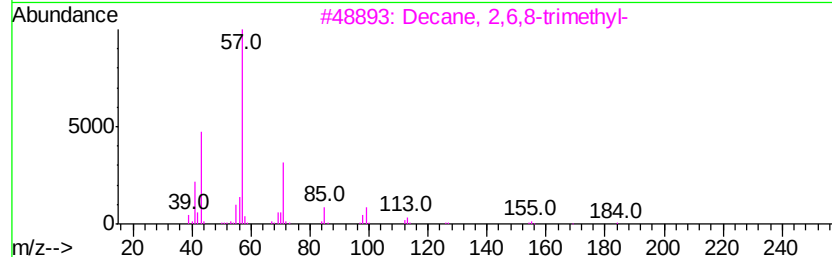
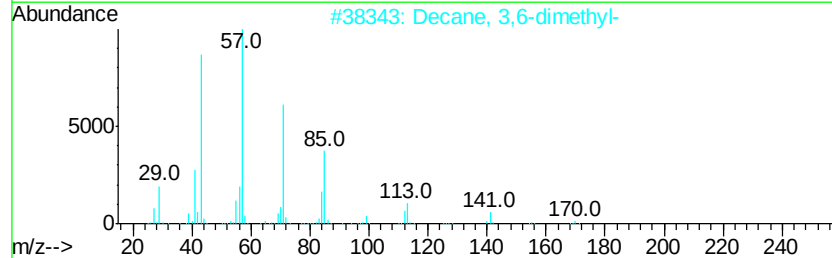
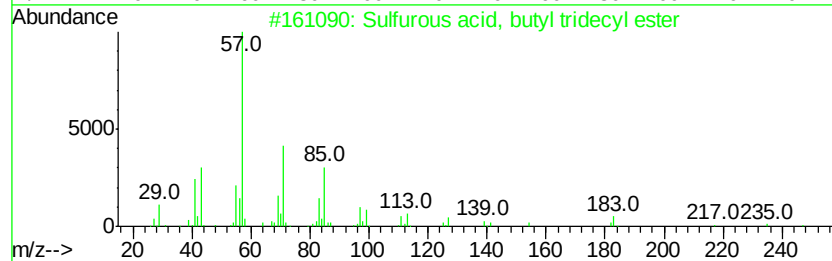
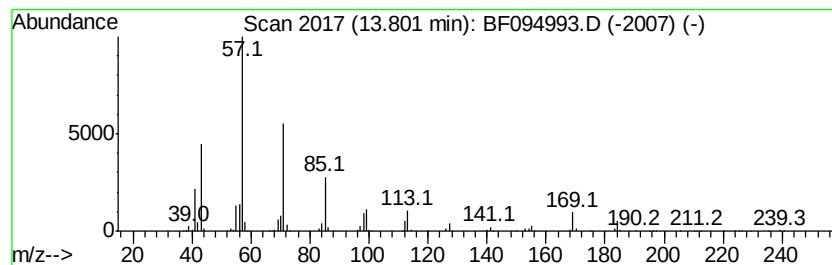
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Sulfurous acid, butyl tridecyl... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	24.78 ng	4287300	Phenanthrene-d10	14.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	72
2		Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	68
3		Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	62
4		Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	58
5		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050817\
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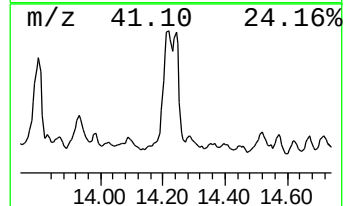
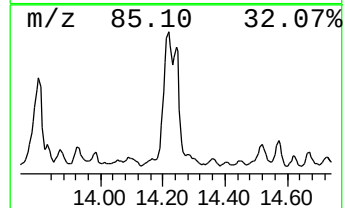
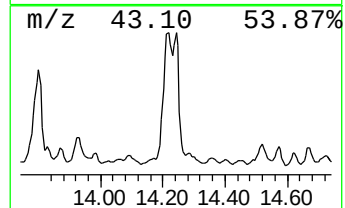
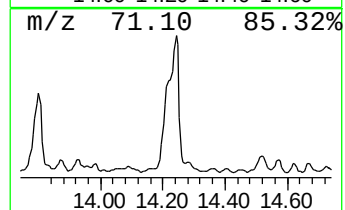
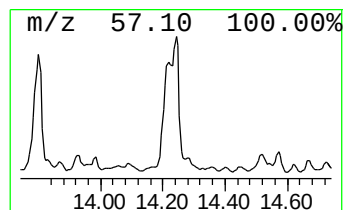
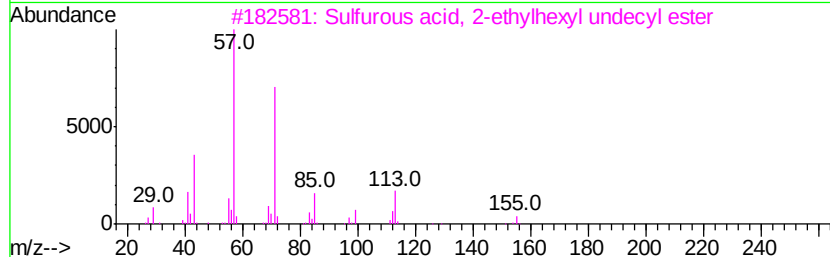
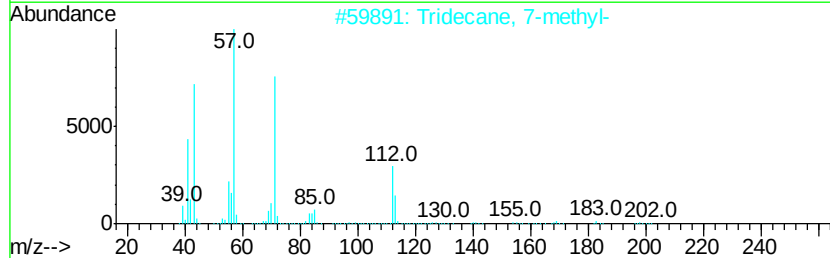
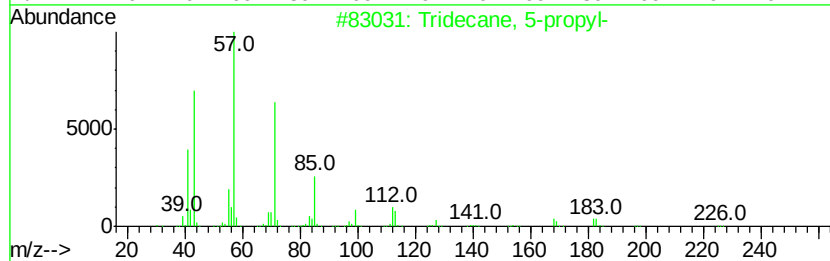
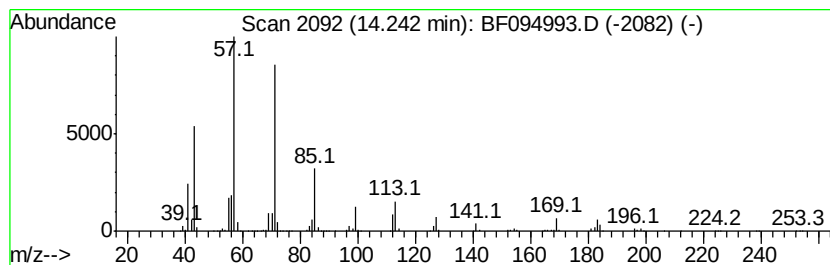
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Tridecane, 5-propyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.24	51.20 ng	8857400	Phenanthrene-d10	14.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 5-propyl-	226	C16H34	055045-11-9	78
2		Tridecane, 7-methyl-	198	C14H30	026730-14-3	76
3		Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	64
4		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
5		Dodecane	170	C12H26	000112-40-3	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050817\
Data File : BF094993.D
Acq On : 8 May 2017 22:13
Operator : SJ/MA
Sample : I2859-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
UT-3

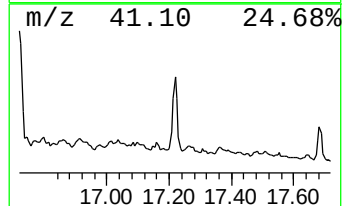
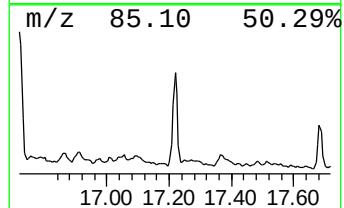
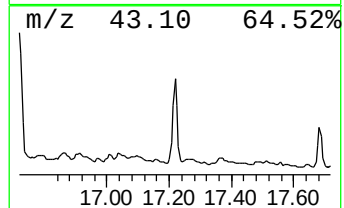
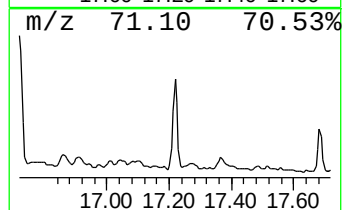
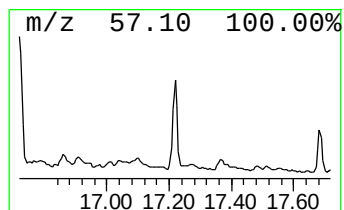
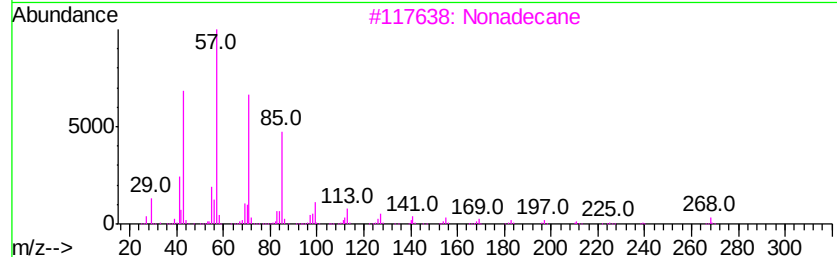
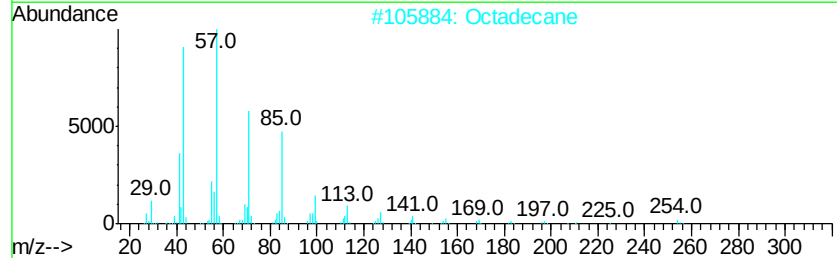
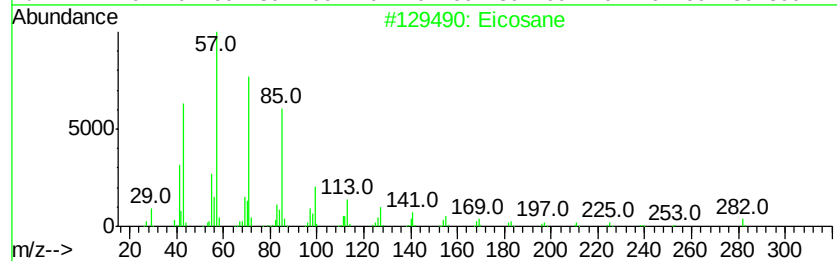
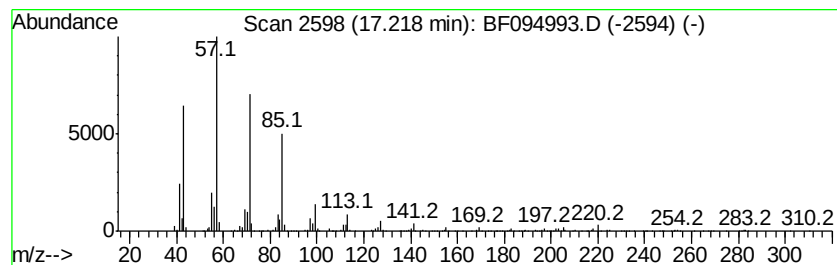
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Eicosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.22	19.66 ng	782798	Chrysene-d12	18.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	97
2		Octadecane	254	C18H38	000593-45-3	91
3		Nonadecane	268	C19H40	000629-92-5	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Hexadecane	226	C16H34	000544-76-3	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050817\
 Data File : BF094993.D
 Acq On : 8 May 2017 22:13
 Operator : SJ/MA
 Sample : I2859-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 UT-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.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
unknown7.38	7.38	20.9	ng	2777560	1	7.72	2652110	20.0
Decane	7.53	23.1	ng	3066920	1	7.72	2652110	20.0
Nonane, 2,6-dimet...	7.81	20.0	ng	2652110	1	7.72	2652110	20.0
Decane, 2-methyl-	8.33	23.0	ng	3044480	1	7.72	2652110	20.0
Undecane	8.77	39.0	ng	8847640	2	9.75	4540320	20.0
trans-Decalin, 2-...	9.00	14.6	ng	3303010	2	9.75	4540320	20.0
Naphthalene, deca...	9.18	17.1	ng	3885030	2	9.75	4540320	20.0
Undecane, 5-methyl-	9.36	20.0	ng	4530480	2	9.75	4540320	20.0
Dodecane	9.87	51.7	ng	11740900	2	9.75	4540320	20.0
Undecane, 2,6-dim...	9.98	24.1	ng	5462400	2	9.75	4540320	20.0
Octane, 2,3,6-tri...	10.58	34.9	ng	7929160	2	9.75	4540320	20.0
Tridecane	10.87	50.1	ng	11365500	2	9.75	4540320	20.0
Decane, 2,3,5-tri...	11.80	39.4	ng	10714200	3	12.60	5436830	20.0
Heptadecane, 2,6,...	12.30	16.5	ng	4487320	3	12.60	5436830	20.0
Dodecane, 2-methyl-	12.65	20.0	ng	5436830	3	12.60	5436830	20.0
Sulfurous acid, b...	13.80	24.8	ng	4287300	4	14.98	3459780	20.0
Tridecane, 5-propyl-	14.24	51.2	ng	8857400	4	14.98	3459780	20.0
Eicosane	17.22	19.7	ng	782798	5	18.64	796174	20.0