

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052417\
 Data File : BF095418.D
 Acq On : 25 May 2017 10:25
 Operator : SJ/MA
 Sample : I3248-05
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-8-6.0-6.5

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	5.713	638	642	662	rBV	712455	1810905	39.00%	2.288%
2	6.619	793	796	804	rVB	164050	262867	5.66%	0.332%
3	6.701	804	810	817	rBV3	112389	205932	4.43%	0.260%
4	7.007	856	862	867	rBV4	164026	348592	7.51%	0.440%
5	7.213	890	897	905	rBV6	98114	245888	5.30%	0.311%
6	7.290	905	910	918	rBV	779557	1456978	31.38%	1.841%
7	7.354	918	921	924	rVV2	199128	341990	7.36%	0.432%
8	7.413	927	931	941	rVB	1274639	2119222	45.64%	2.677%
9	7.690	974	978	985	rVB5	89956	202798	4.37%	0.256%
10	7.748	985	988	992	rBV	403395	510317	10.99%	0.645%
11	7.831	998	1002	1008	rVB2	329636	413125	8.90%	0.522%
12	7.895	1008	1013	1017	rBV4	159279	303205	6.53%	0.383%
13	7.984	1024	1028	1033	rBV	1287063	1743605	37.55%	2.203%
14	8.031	1033	1036	1041	rVB3	158165	208186	4.48%	0.263%
15	8.166	1046	1059	1063	rBV5	175688	439618	9.47%	0.555%
16	8.301	1077	1082	1086	rBV6	98765	213045	4.59%	0.269%
17	8.342	1086	1089	1096	rVB3	303991	444005	9.56%	0.561%
18	8.566	1123	1127	1131	rVB2	171342	256643	5.53%	0.324%
19	8.619	1131	1136	1138	rBV3	203085	371930	8.01%	0.470%
20	8.648	1138	1141	1145	rBV	568178	674886	14.53%	0.853%
21	8.795	1163	1166	1171	rVB3	184645	270843	5.83%	0.342%
22	8.872	1176	1179	1186	rVB5	119055	230281	4.96%	0.291%
23	8.931	1186	1189	1196	rVB5	315063	506701	10.91%	0.640%
24	9.007	1196	1202	1206	rBV3	517499	686648	14.79%	0.867%
25	9.054	1206	1210	1215	rBV	364102	454171	9.78%	0.574%
26	9.142	1222	1225	1228	rVB	214569	214594	4.62%	0.271%
27	9.189	1228	1233	1238	rBV2	625242	1138913	24.53%	1.439%
28	9.231	1238	1240	1243	rVB2	195618	191388	4.12%	0.242%
29	9.354	1257	1261	1268	rVB5	241925	459163	9.89%	0.580%
30	9.472	1277	1281	1285	rVB5	261935	392400	8.45%	0.496%
31	9.542	1285	1293	1296	rBV4	238548	570811	12.29%	0.721%
32	9.625	1303	1307	1311	rVV4	202021	340095	7.32%	0.430%
33	9.672	1311	1315	1318	rVV2	214011	227238	4.89%	0.287%
34	9.748	1323	1328	1330	rBV4	581922	1033212	22.25%	1.305%

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35	9.866	1343	1348	1355	rVB7	457747	1102306	23.74%	1.393%
36	9.942	1355	1361	1362	rBV6	206295	334865	7.21%	0.423%
37	9.978	1362	1367	1371	rVB	1251779	1554727	33.48%	1.964%
38	10.048	1376	1379	1385	rVB6	398905	523448	11.27%	0.661%
39	10.107	1385	1389	1390	rBV	432477	549236	11.83%	0.694%
40	10.131	1390	1393	1397	rVB4	728659	1034572	22.28%	1.307%
41	10.178	1397	1401	1405	rBV3	283074	562216	12.11%	0.710%
42	10.242	1409	1412	1417	rVB5	566144	762480	16.42%	0.963%
43	10.301	1417	1422	1426	rBV4	702122	1089933	23.47%	1.377%
44	10.342	1426	1429	1433	rBV5	133281	188007	4.05%	0.238%
45	10.389	1433	1437	1441	rBV5	453798	755129	16.26%	0.954%
46	10.495	1452	1455	1457	rBV3	313421	390829	8.42%	0.494%
47	10.519	1457	1459	1462	rVV	182355	185952	4.00%	0.235%
48	10.566	1462	1467	1470	rBV	1861598	2347193	50.55%	2.965%
49	10.683	1484	1487	1494	rVB4	569353	1127557	24.28%	1.424%
50	10.778	1494	1503	1507	rBV6	477269	1436142	30.93%	1.814%
51	10.813	1507	1509	1512	rVV3	315358	460831	9.92%	0.582%
52	10.854	1513	1516	1521	rVB3	495914	691097	14.88%	0.873%
53	10.995	1536	1540	1543	rBV	448437	519713	11.19%	0.657%
54	11.019	1543	1544	1550	rVB5	232174	326970	7.04%	0.413%
55	11.078	1550	1554	1555	rBV2	249221	300145	6.46%	0.379%
56	11.095	1555	1557	1560	rVB3	294683	239434	5.16%	0.302%
57	11.130	1560	1563	1565	rBV	574095	703377	15.15%	0.889%
58	11.307	1589	1593	1596	rBV2	588326	808275	17.41%	1.021%
59	11.478	1620	1622	1624	rBV	243623	200895	4.33%	0.254%
60	11.507	1624	1627	1629	rVV3	313931	366074	7.88%	0.462%
61	11.548	1629	1634	1637	rVB	3034176	3864388	83.22%	4.882%
62	11.589	1637	1641	1647	rVB5	387215	652131	14.04%	0.824%
63	11.642	1647	1650	1656	rBV4	555388	970711	20.90%	1.226%
64	11.695	1656	1659	1662	rVB2	279404	271745	5.85%	0.343%
65	11.754	1666	1669	1670	rBV	319783	320581	6.90%	0.405%
66	11.783	1670	1674	1678	rVB3	1057038	1522262	32.78%	1.923%
67	11.836	1678	1683	1690	rBV6	399332	1146738	24.69%	1.449%
68	11.960	1700	1704	1709	rBV4	314333	603803	13.00%	0.763%
69	12.113	1727	1730	1731	rBV2	359922	390126	8.40%	0.493%
70	12.136	1731	1734	1739	rVB2	684111	930470	20.04%	1.175%
71	12.242	1748	1752	1756	rVV4	644152	882711	19.01%	1.115%

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72	12.295	1756	1761	1764	rVV	2551509	3333491	71.78%	4.211%
73	12.336	1765	1768	1772	rVB5	413795	596442	12.84%	0.753%
74	12.389	1772	1777	1781	rBV6	376136	733548	15.80%	0.927%
75	12.430	1781	1784	1785	rVV3	281676	326703	7.04%	0.413%
76	12.460	1785	1789	1796	rVB5	1067713	1973486	42.50%	2.493%
77	12.613	1812	1815	1819	rVB3	499771	547704	11.79%	0.692%
78	12.913	1863	1866	1868	rBV	278660	304105	6.55%	0.384%
79	12.972	1874	1876	1881	rVB3	351299	415462	8.95%	0.525%
80	13.054	1885	1890	1895	rVB2	580202	959124	20.65%	1.212%
81	13.154	1902	1907	1912	rVB3	1045825	1527123	32.89%	1.929%
82	13.207	1913	1916	1919	rBV3	199193	242683	5.23%	0.307%
83	13.283	1925	1929	1934	rBV4	240801	518592	11.17%	0.655%
84	13.507	1964	1967	1974	rVB5	420071	920598	19.82%	1.163%
85	13.595	1980	1982	1988	rVB3	414590	492835	10.61%	0.623%
86	13.813	2014	2019	2023	rVB	1981650	2902588	62.51%	3.667%
87	13.913	2032	2036	2039	rBV3	490300	707916	15.24%	0.894%
88	14.101	2066	2068	2071	rBV3	207696	214794	4.63%	0.271%
89	14.254	2087	2094	2098	rBV	2920606	4643721	100.00%	5.867%
90	14.413	2119	2121	2124	rBV3	178286	187527	4.04%	0.237%
91	14.448	2124	2127	2134	rVB4	339604	549930	11.84%	0.695%
92	14.583	2147	2150	2154	rBV2	326515	378174	8.14%	0.478%
93	15.001	2215	2221	2227	rBV2	1926299	3203736	68.99%	4.047%
94	15.536	2308	2312	2316	rBV	572165	803717	17.31%	1.015%
95	15.795	2353	2356	2359	rBV2	175329	251221	5.41%	0.317%
96	15.948	2379	2382	2384	rBV2	174238	225431	4.85%	0.285%
97	16.589	2487	2491	2495	rBV2	360926	483736	10.42%	0.611%
98	17.324	2612	2616	2624	rVB	1282500	1505725	32.42%	1.902%
99	18.683	2843	2847	2852	rBV	353950	482315	10.39%	0.609%
100	20.365	3129	3133	3141	rBV	198493	316610	6.82%	0.400%

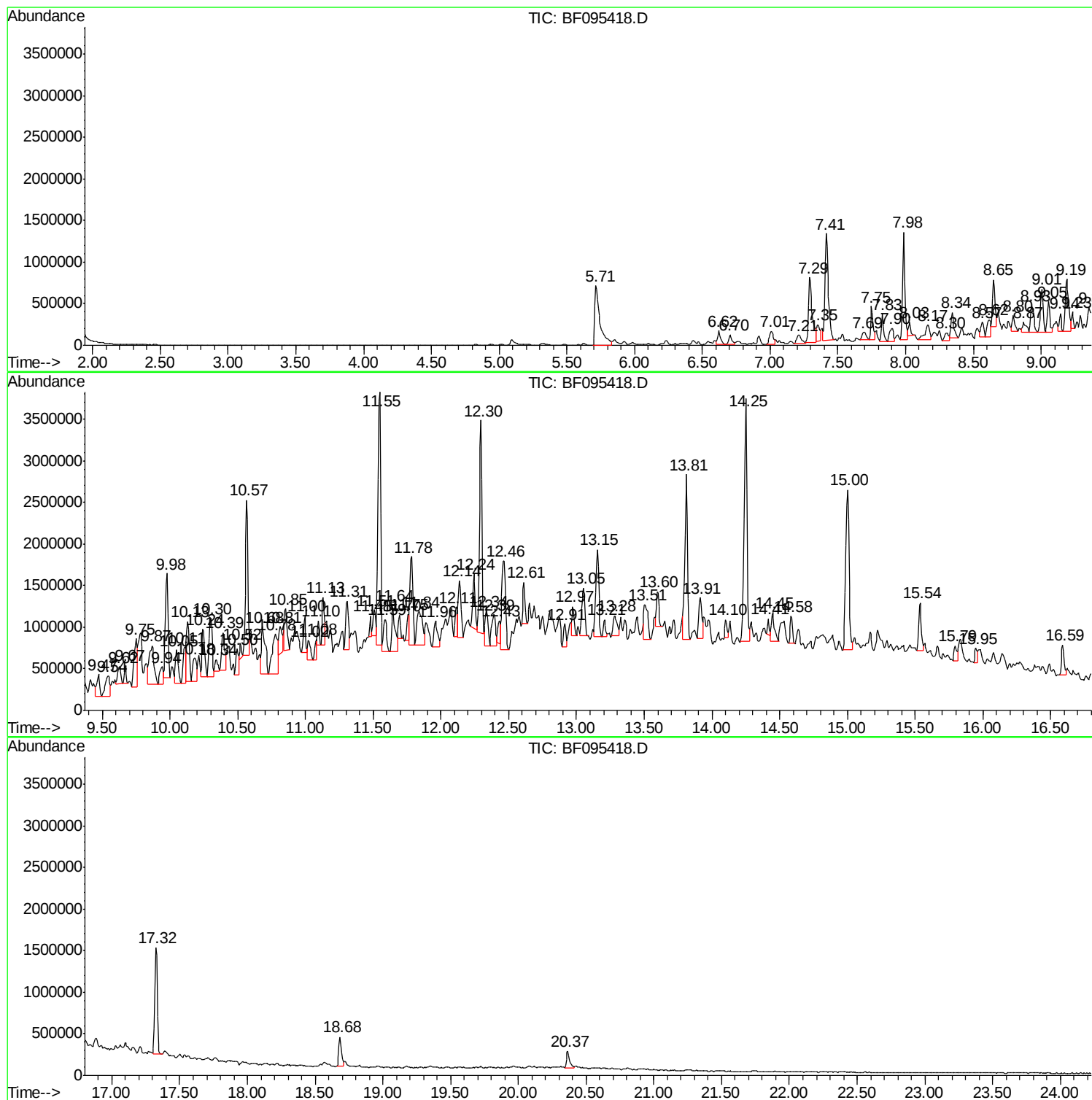
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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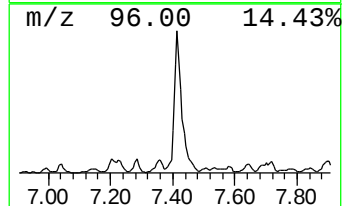
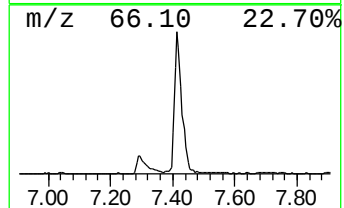
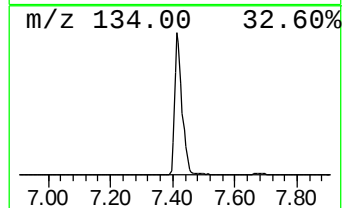
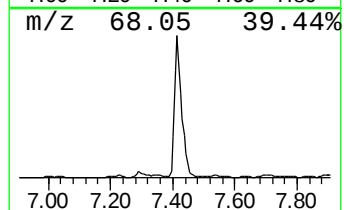
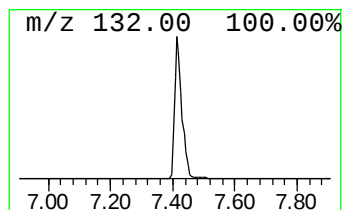
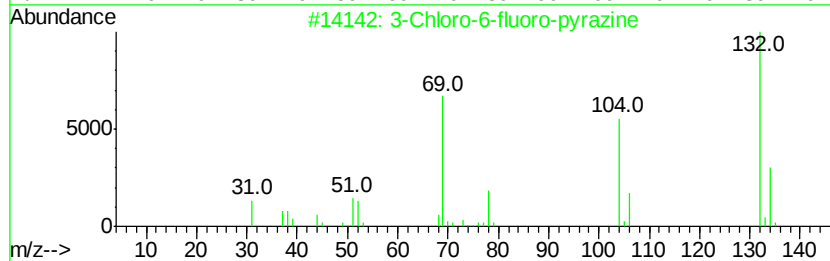
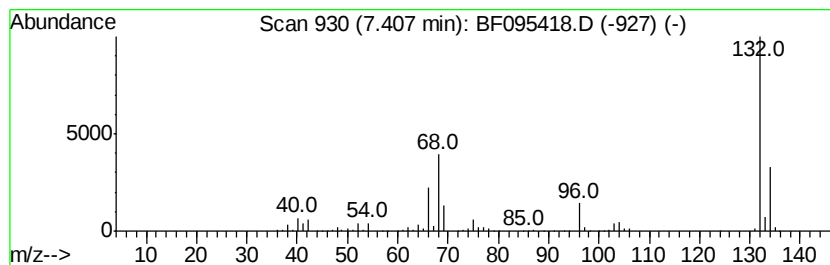
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown7.41 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.41	83.06 ng	2119220	1,4-Dichlorobenzene-d4	7.75

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	17
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		1H-Indazole, 7-methyl-	132	C8H8N2	1000316-00-7	10
5		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9



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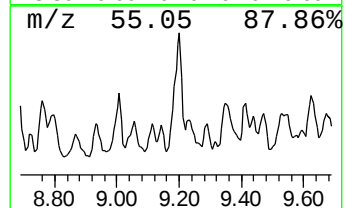
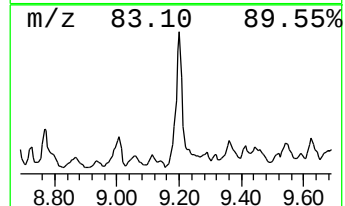
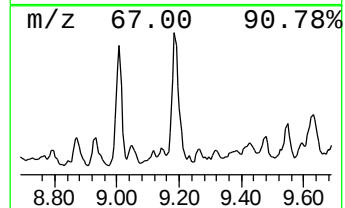
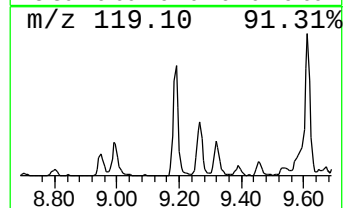
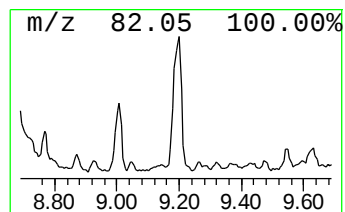
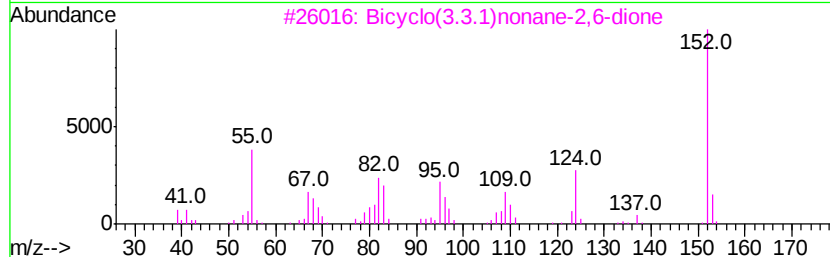
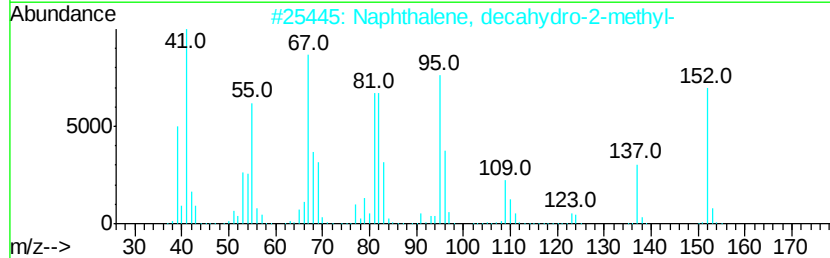
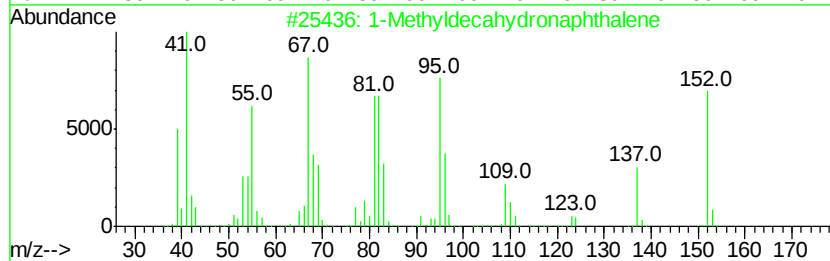
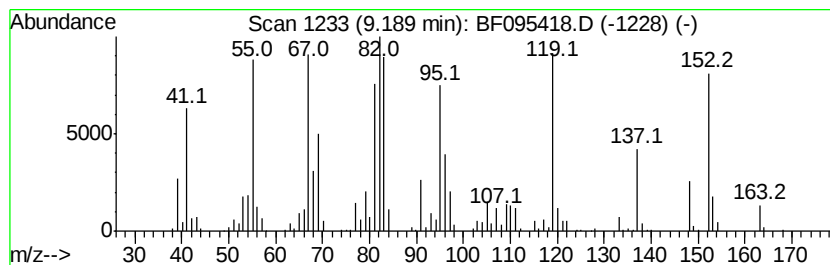
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 1-Methyldecahydronaphthalene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.19	22.05 ng	1138910	Naphthalene-d8	9.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	70
2		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	70
3		Bicyclo(3.3.1)nonane-2,6-dione	152	C9H12O2	016473-11-3	55
4		Decalin, syn-1-methyl-, cis-	152	C11H20	1000158-89-1	46
5		Cyclohexanepropanol-	142	C9H18O	001124-63-6	38



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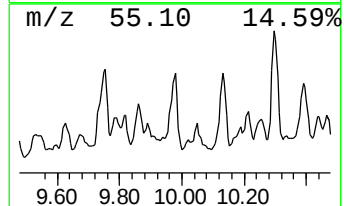
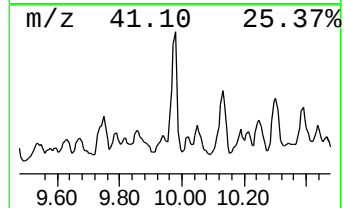
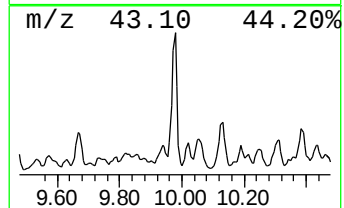
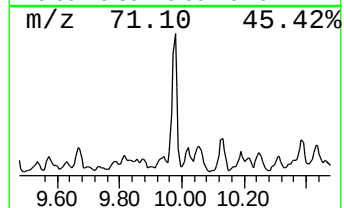
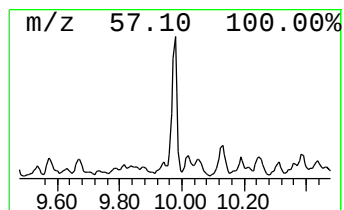
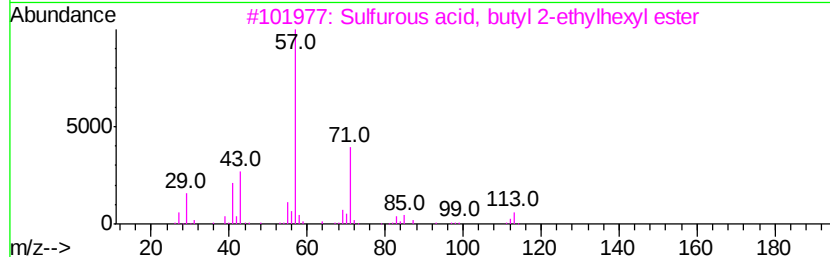
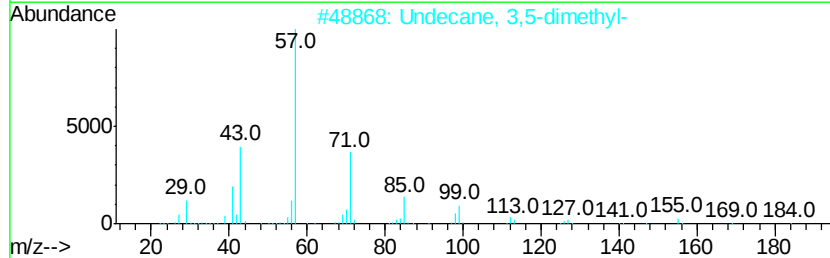
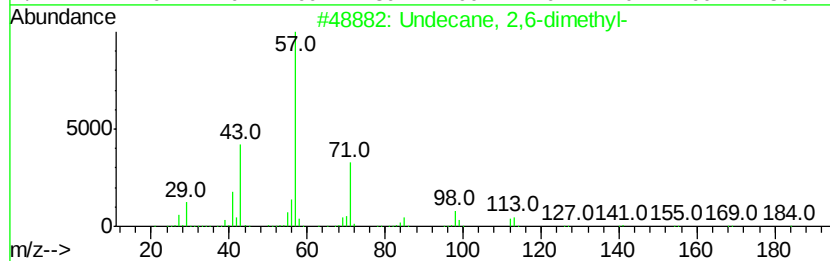
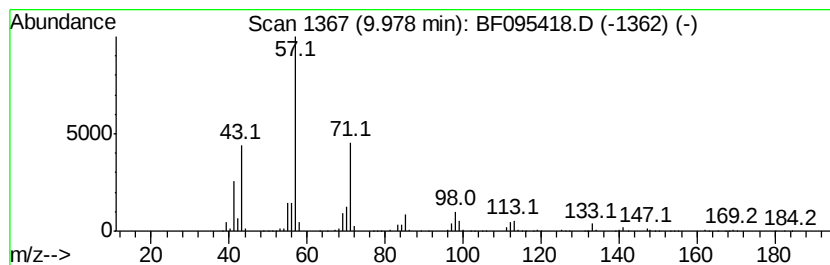
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Peak Number 4 Undecane, 2,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.98	30.10 ng	1554730	Napthalene-d8	9.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	94
2		Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	72
3		Sulfurous acid, butyl 2-ethylhex...	250	C12H26O3S	1000309-18-8	53
4		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	53
5		Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052417\
Data File : BF095418.D
Acq On : 25 May 2017 10:25
Operator : SJ/MA
Sample : I3248-05
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-8-6.0-6.5

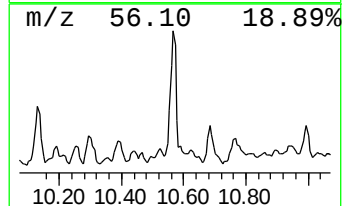
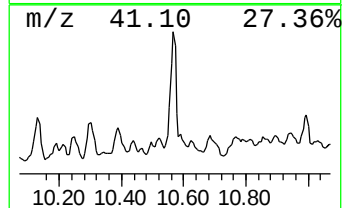
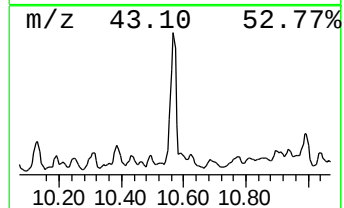
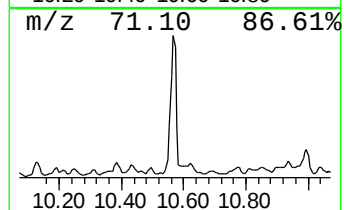
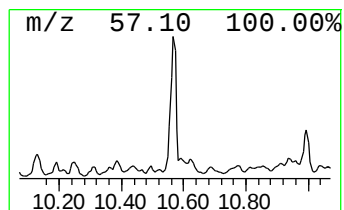
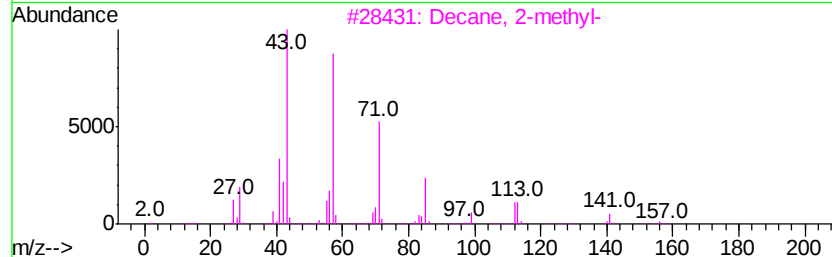
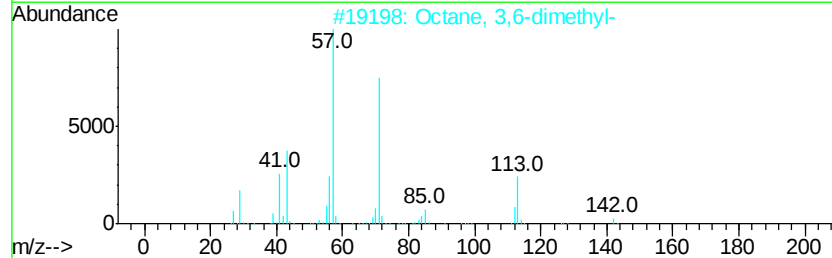
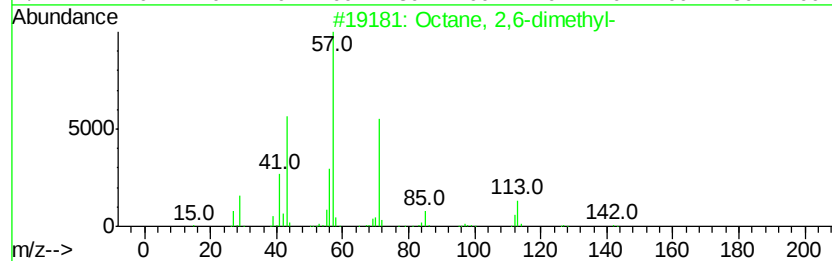
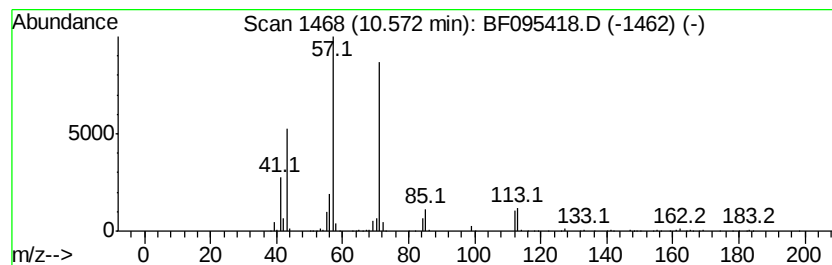
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Octane, 2,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.57	45.43 ng	2347190	Napthalene-d8	9.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	86
2		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	83
3		Decane, 2-methyl-	156	C11H24	006975-98-0	78
4		Oxalic acid, butyl 2-ethylhexyl ...	258	C14H26O4	1000309-38-6	72
5		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052417\
Data File : BF095418.D
Acq On : 25 May 2017 10:25
Operator : SJ/MA
Sample : I3248-05
Misc :
ALS Vial : 35 Sample Multiplier: 1

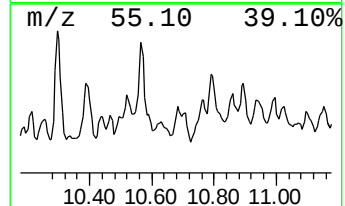
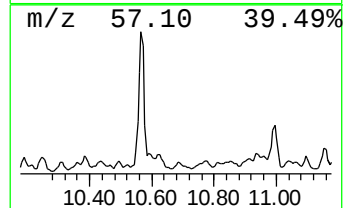
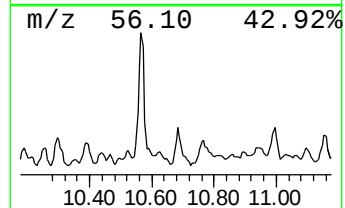
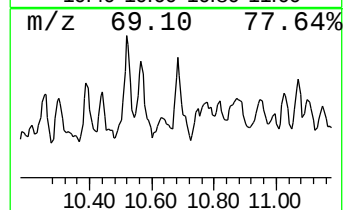
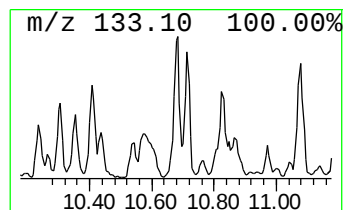
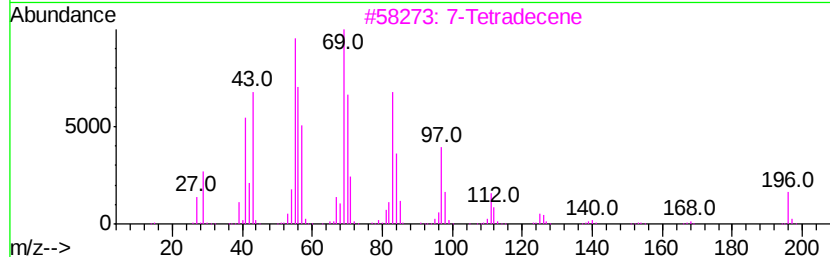
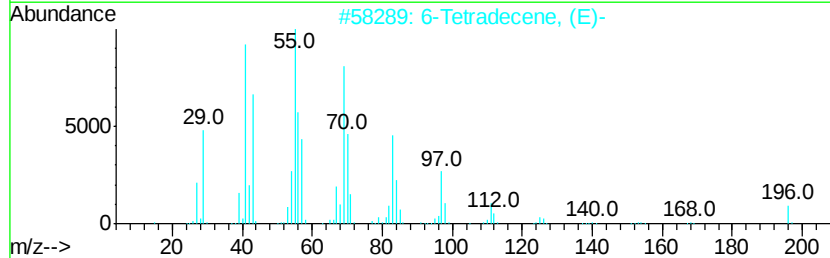
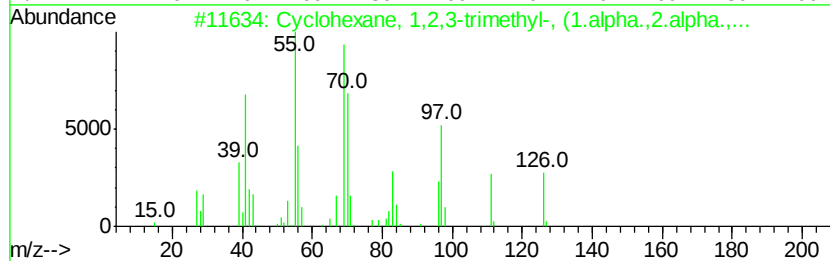
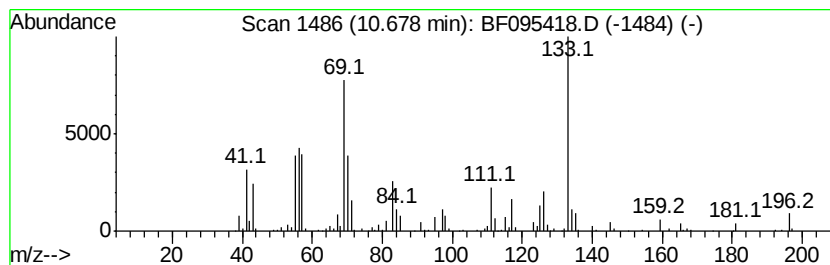
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown10.68 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.68	21.83 ng	1127560	Naphthalene-d8	9.77
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexane, 1,2,3-trimethyl-, (...	126 C9H18	007667-55-2 46
2		6-Tetradecene, (E)-	196 C14H28	041446-64-4 45
3		7-Tetradecene	196 C14H28	010374-74-0 43
4		Cyclohexane, 1,2,3-trimethyl-	126 C9H18	001678-97-3 38
5		Cyclohexane, 1,2,3-trimethyl-, (...	126 C9H18	001678-81-5 35



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052417\
Data File : BF095418.D
Acq On : 25 May 2017 10:25
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Sample : I3248-05
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-8-6.0-6.5

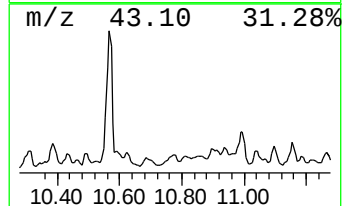
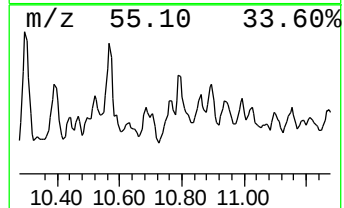
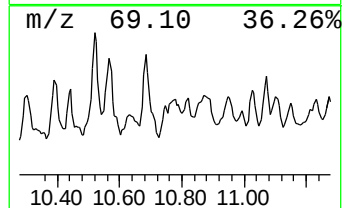
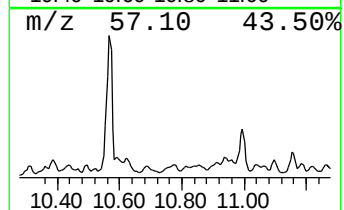
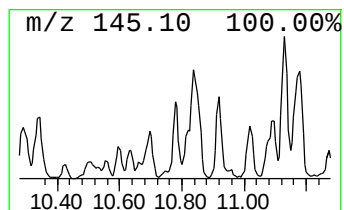
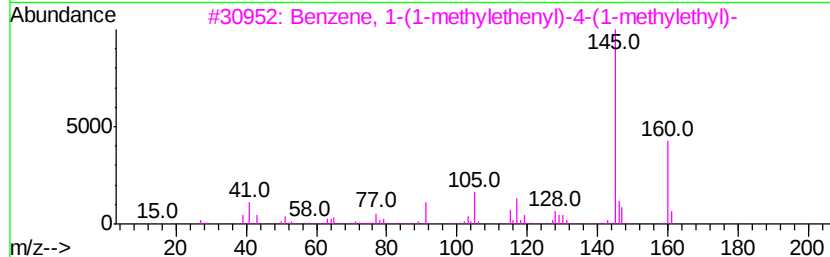
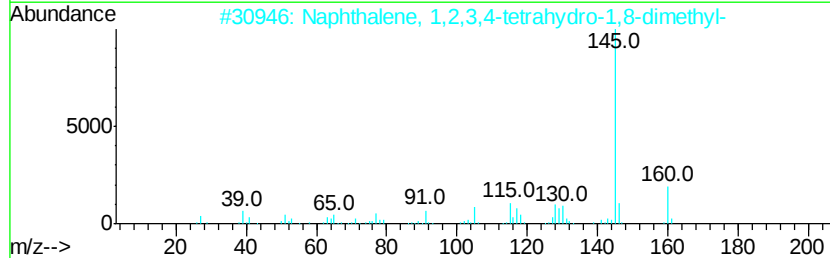
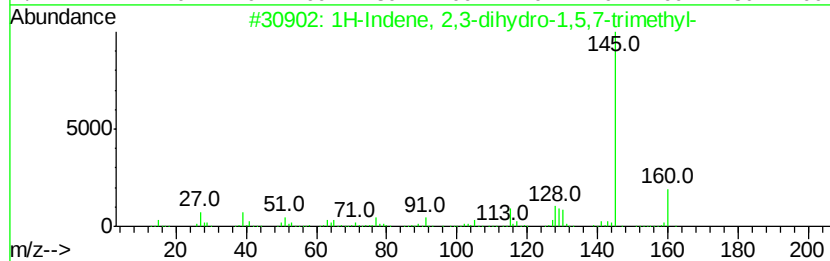
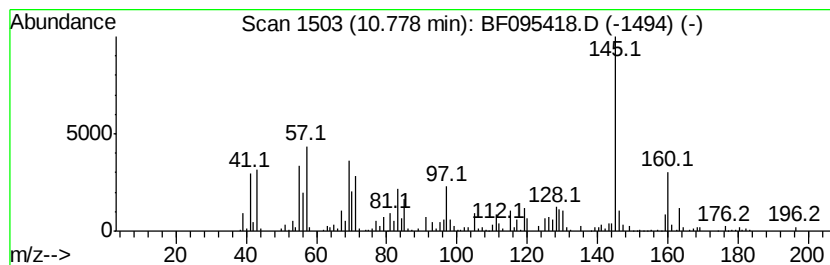
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 1H-Indene, 2,3-dihydro-1,5,... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.78	27.80 ng	1436140	Naphthalene-d8	9.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-1,5,7-tri...	160	C12H16	054340-88-4	83
2		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	70
3		Benzene, 1-(1-methylethenyl)-4-(...	160	C12H16	002388-14-9	64
4		1H-Indene, 2,3-dihydro-4,5,7-tri...	160	C12H16	006682-06-0	64
5		1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052417\
Data File : BF095418.D
Acq On : 25 May 2017 10:25
Operator : SJ/MA
Sample : I3248-05
Misc :
ALS Vial : 35 Sample Multiplier: 1

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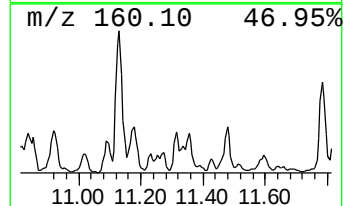
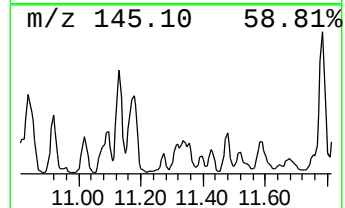
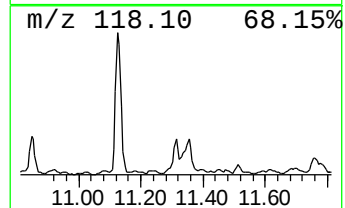
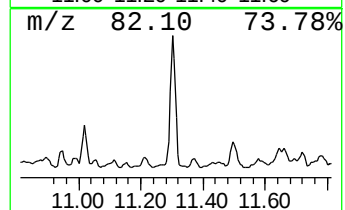
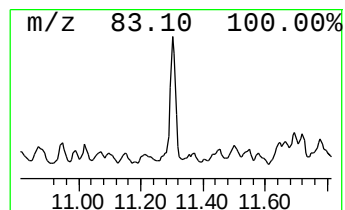
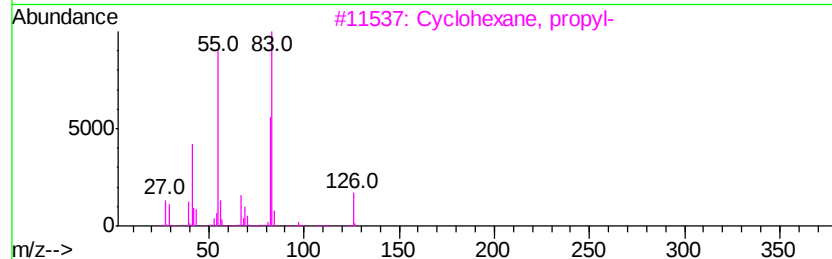
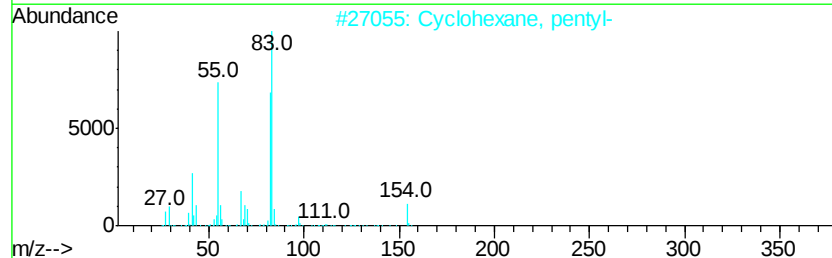
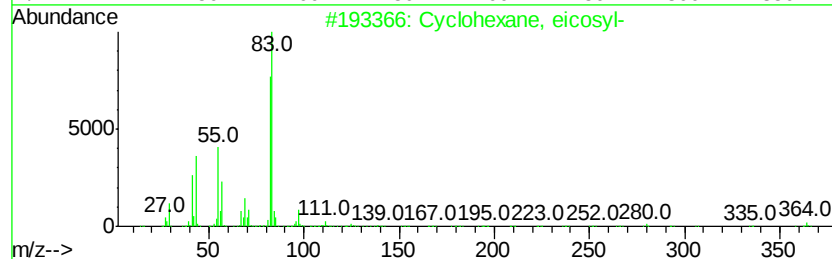
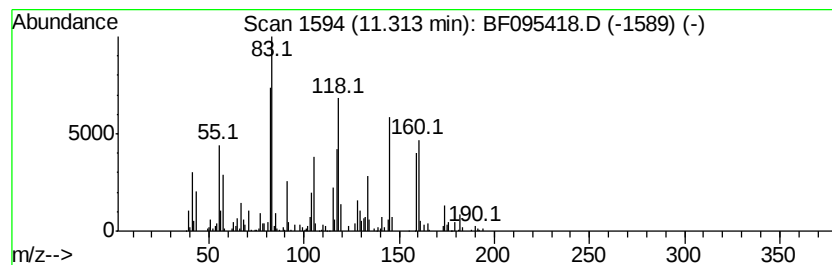
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Cyclohexane, eicosyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.31	29.52 ng	808275	Acenaphthene-d10	12.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, eicosyl-	364	C26H52	004443-55-4	52
2		Cyclohexane, pentyl-	154	C11H22	004292-92-6	50
3		Cyclohexane, propyl-	126	C9H18	001678-92-8	50
4		Cyclohexane, tetradecyl-	280	C20H40	001795-18-2	50
5		Cyclohexane, butyl-	140	C10H20	001678-93-9	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052417\
Data File : BF095418.D
Acq On : 25 May 2017 10:25
Operator : SJ/MA
Sample : I3248-05
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-8-6.0-6.5

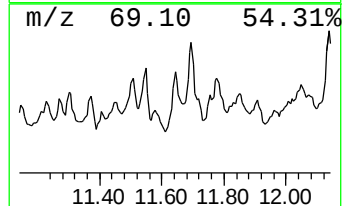
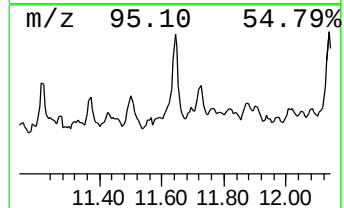
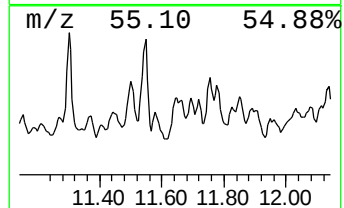
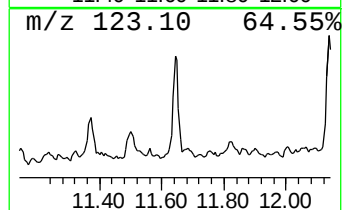
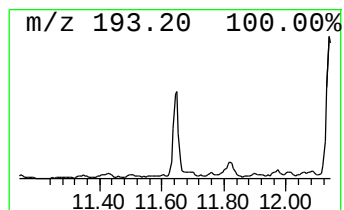
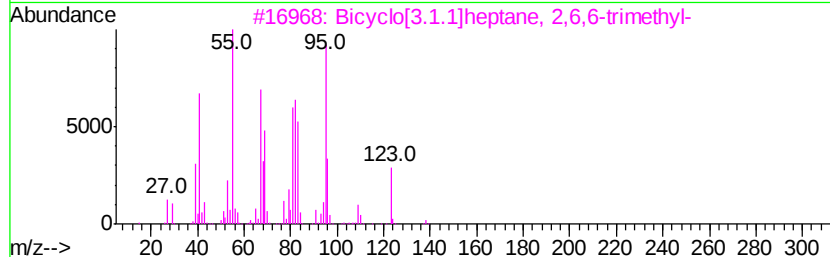
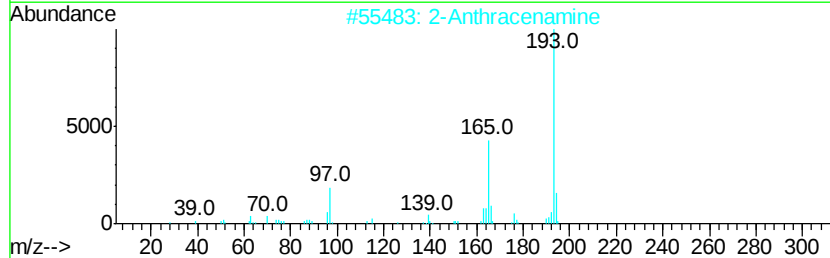
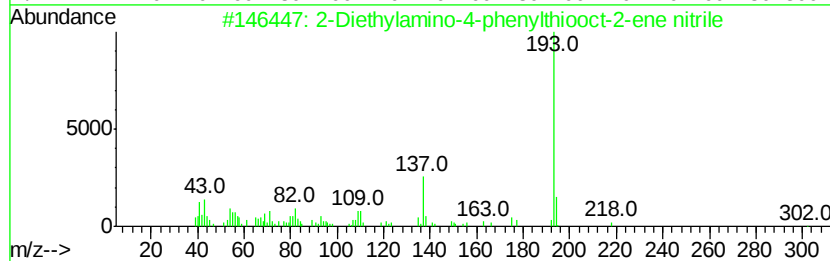
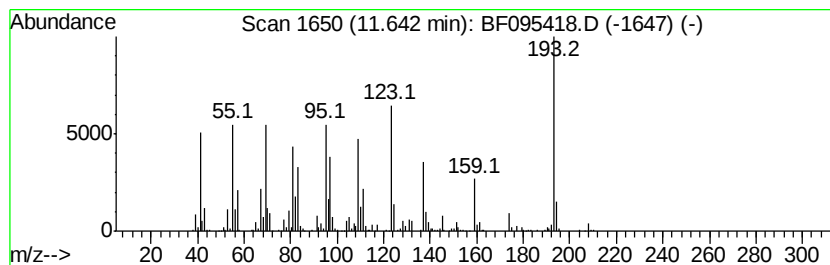
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown11.64 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.64	35.45 ng	970711	Acenaphthene-d10	12.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Diethylamino-4-phenylthiooct-2...	302	C18H26N2S	1000090-57-0	22
2		2-Anthracenamine	193	C14H11N	000613-13-8	22
3		Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	000473-55-2	20
4		Pyrazole, 5-methyl-3-(5-nitro-2-...	193	C8H7N3O3	016239-90-0	18
5		9-Phenanthrenamine	193	C14H11N	000947-73-9	18



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052417\
Data File : BF095418.D
Acq On : 25 May 2017 10:25
Operator : SJ/MA
Sample : I3248-05
Misc :
ALS Vial : 35 Sample Multiplier: 1

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ClientSampled :
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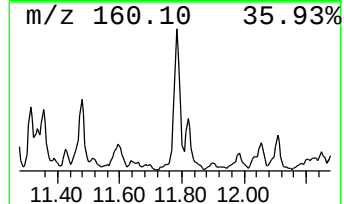
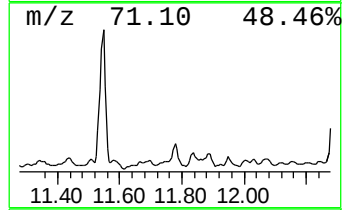
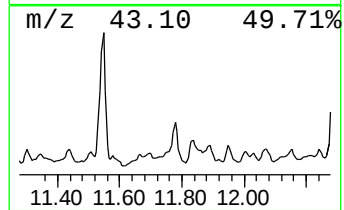
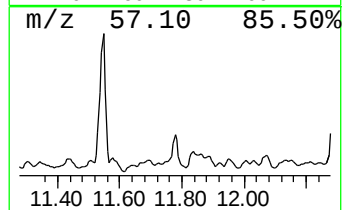
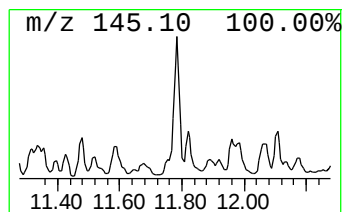
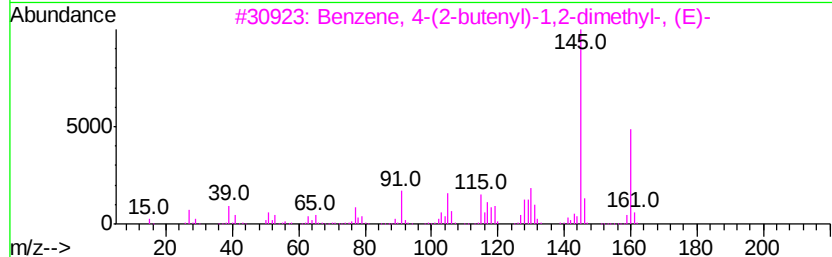
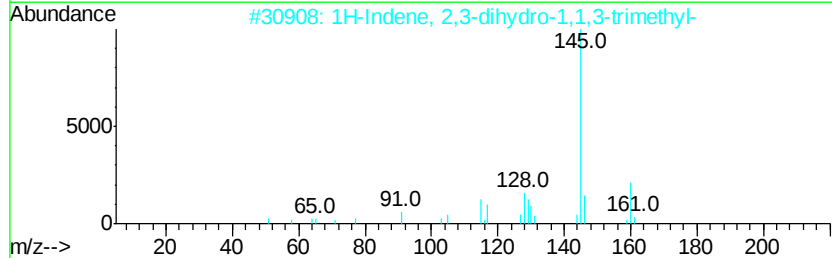
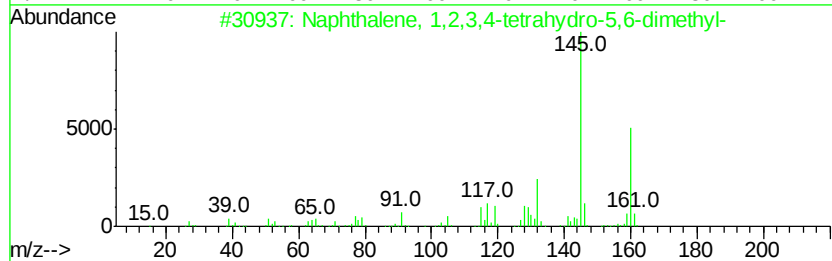
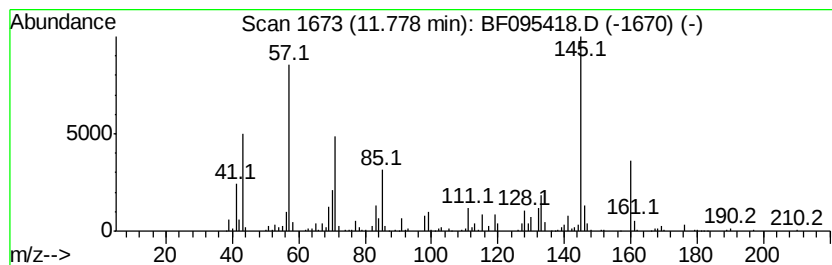
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 1,2,3,4-tetra... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.78	55.59 ng	1522260	Acenaphthene-d10	12.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	70
2		1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	60
3		Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	58
4		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	53
5		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	52



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052417\
Data File : BF095418.D
Acq On : 25 May 2017 10:25
Operator : SJ/MA
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Misc :
ALS Vial : 35 Sample Multiplier: 1

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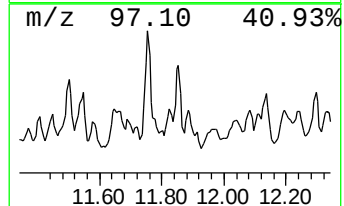
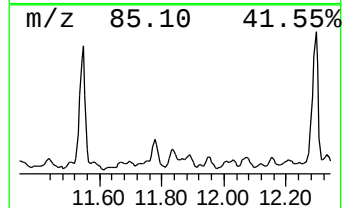
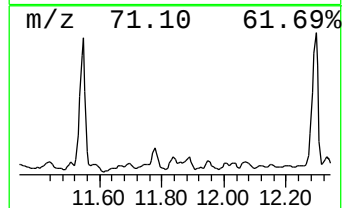
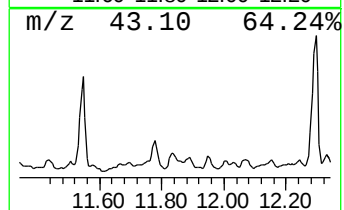
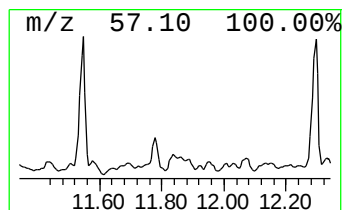
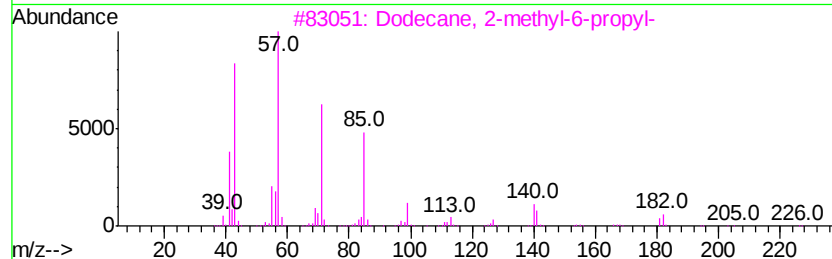
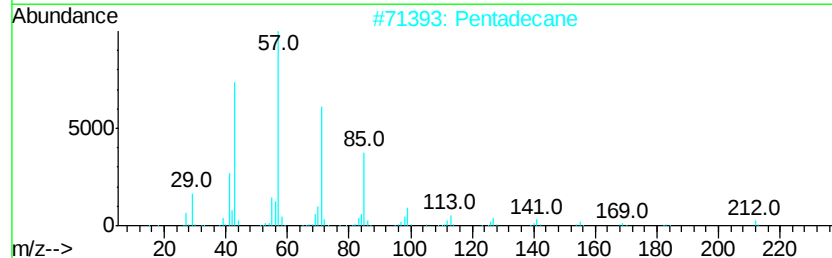
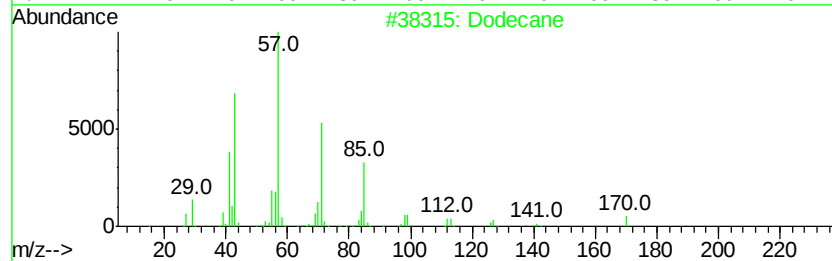
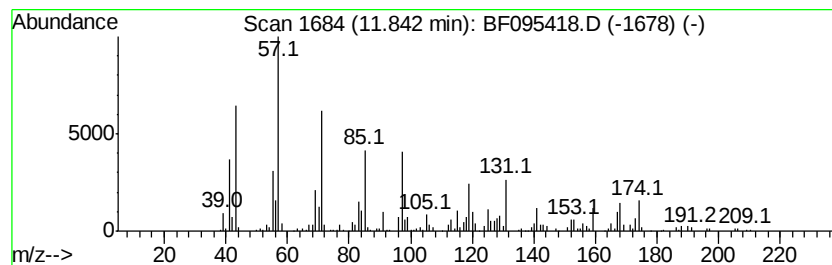
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown11.84 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.84	41.87 ng	1146740	Acenaphthene-d10	12.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane	170	C12H26	000112-40-3	49
2		Pentadecane	212	C15H32	000629-62-9	46
3		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	43
4		Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	43
5		Oxalic acid, isohexyl neopentyl ...	244	C13H24O4	1000309-73-0	43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052417\
Data File : BF095418.D
Acq On : 25 May 2017 10:25
Operator : SJ/MA
Sample : I3248-05
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-8-6.0-6.5

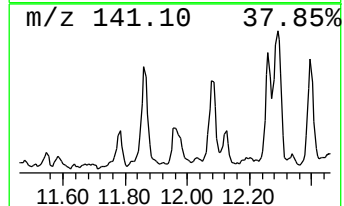
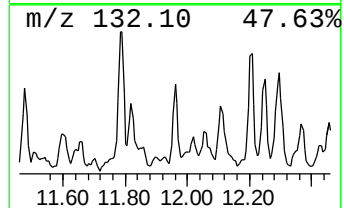
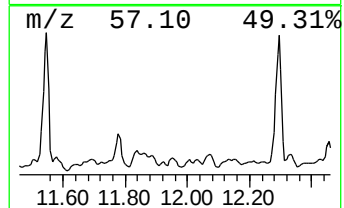
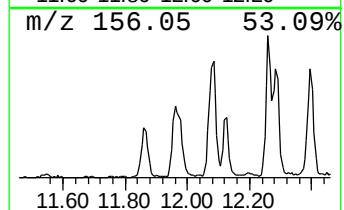
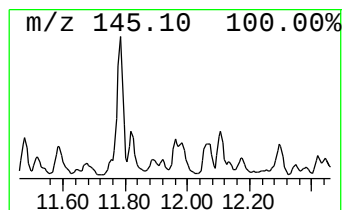
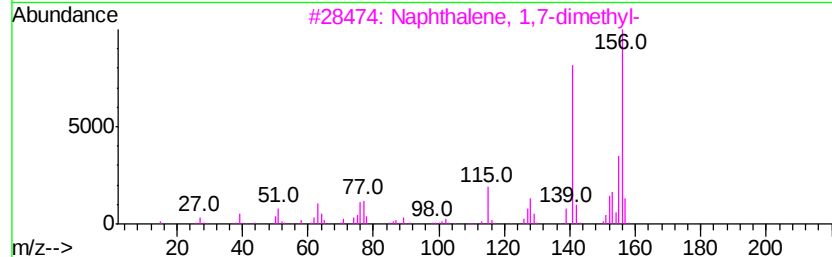
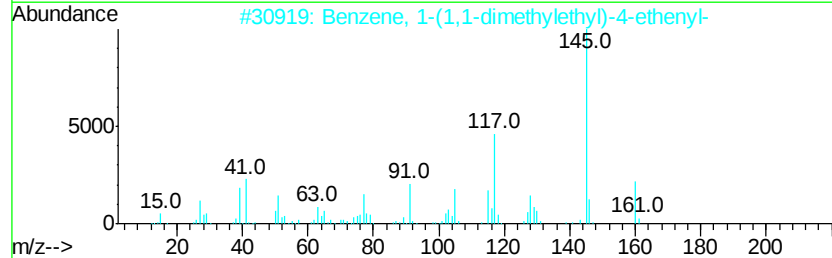
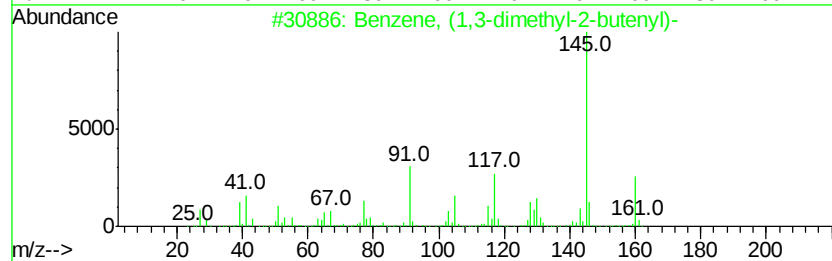
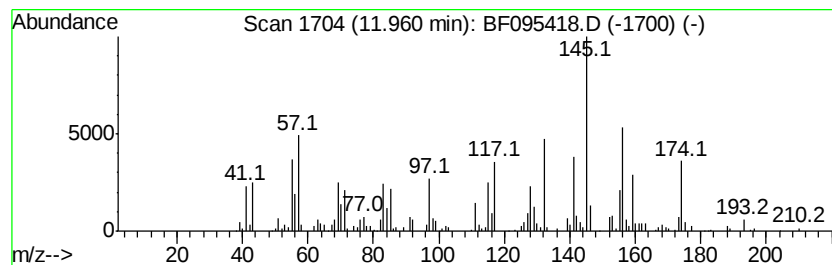
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown11.96 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	22.05 ng	603803	Acenaphthene-d10	12.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1,3-dimethyl-2-butenyl)-	160	C12H16	050704-01-3	42
2		Benzene, 1-(1,1-dimethylethyl)-4...	160	C12H16	001746-23-2	25
3		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	25
4		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	25
5		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	25



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052417\
Data File : BF095418.D
Acq On : 25 May 2017 10:25
Operator : SJ/MA
Sample : I3248-05
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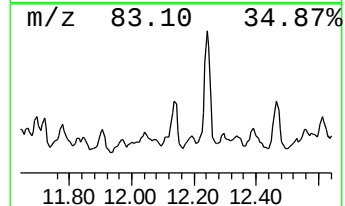
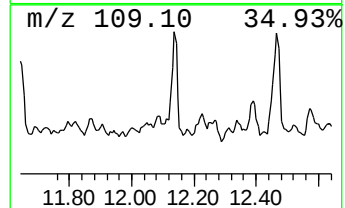
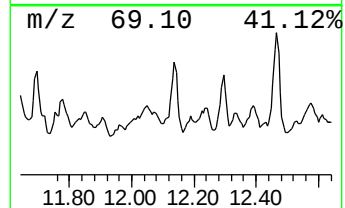
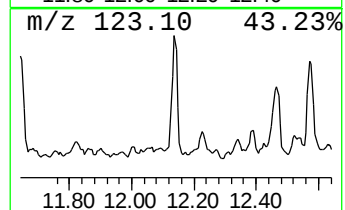
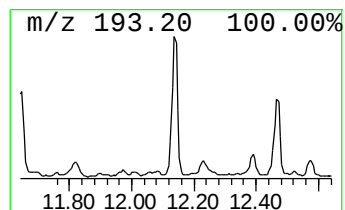
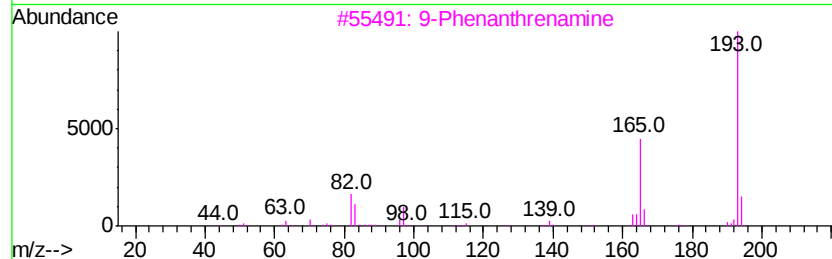
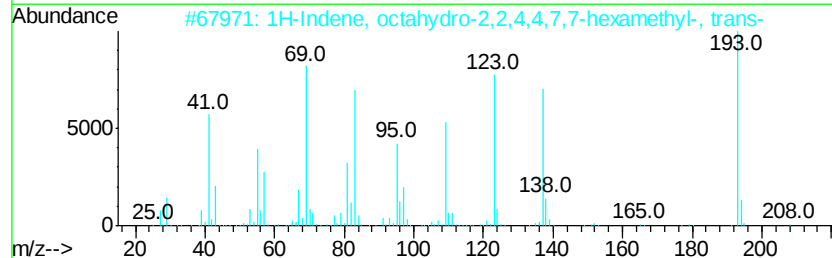
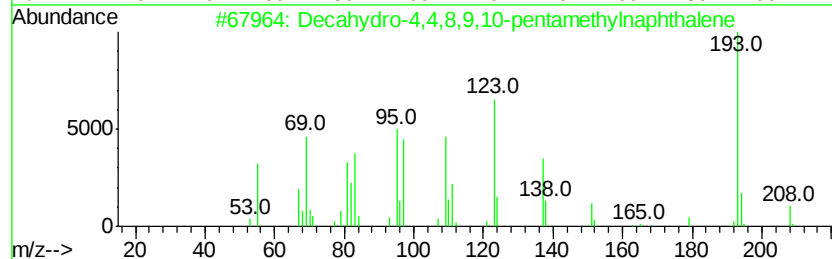
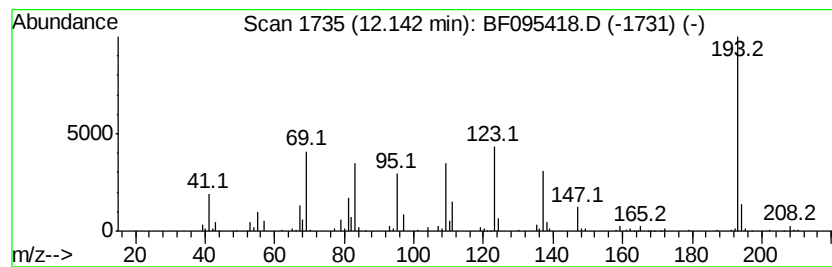
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Decahydro-4,4,8,9,10-pentam... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	33.98 ng	930470	Acenaphthene-d10	12.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	64
2		1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	50
3		9-Phenanthrenamine	193	C14H11N	000947-73-9	27
4		Butan-2-one, 1-[3-(3,3-dimethyl-...	278	C16H26N2O2	1000303-34-2	27
5		4H-1,3,2-Dioxaborin, 4-ethenyl-2...	208	C12H21B02	074630-04-9	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052417\
Data File : BF095418.D
Acq On : 25 May 2017 10:25
Operator : SJ/MA
Sample : I3248-05
Misc :
ALS Vial : 35 Sample Multiplier: 1

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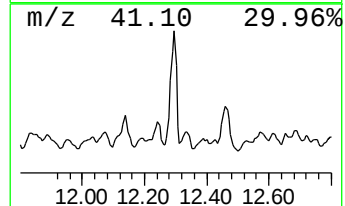
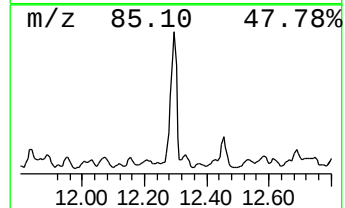
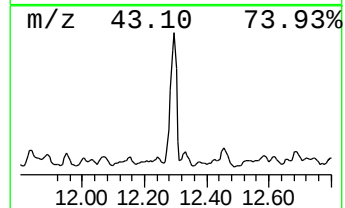
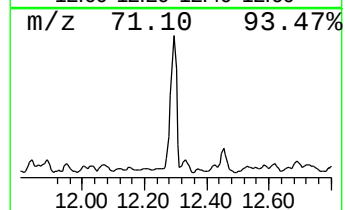
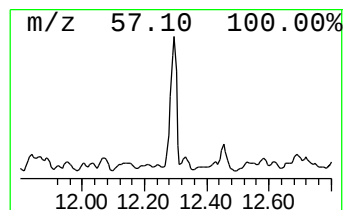
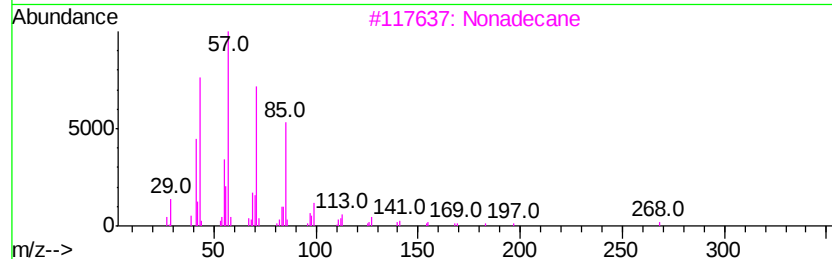
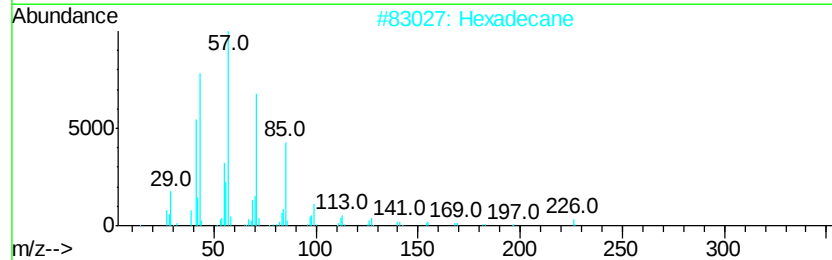
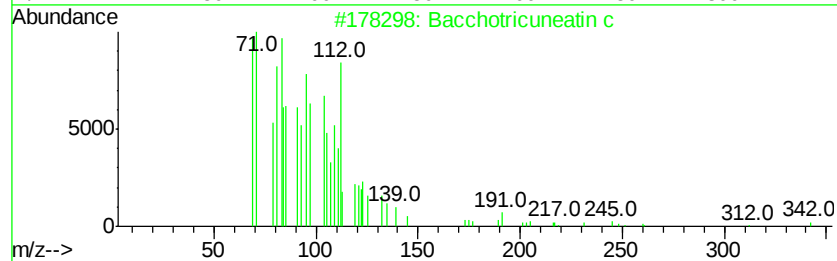
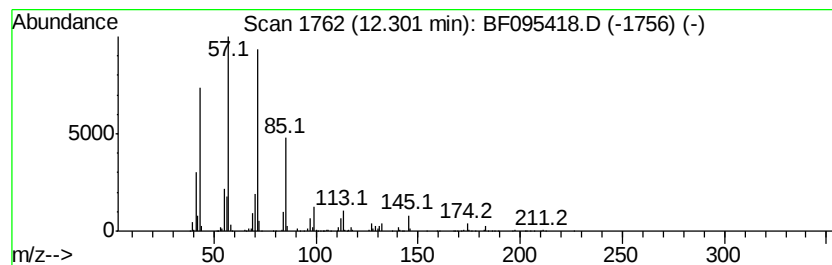
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Bacchotricuneatin c Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	121.73 ng	3333490	Acenaphthene-d10	12.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	92
2		Hexadecane	226	C16H34	000544-76-3	86
3		Nonadecane	268	C19H40	000629-92-5	86
4		Tridecane, 5-propyl-	226	C16H34	055045-11-9	70
5		Decane, 5-propyl-	184	C13H28	017312-62-8	68



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052417\
Data File : BF095418.D
Acq On : 25 May 2017 10:25
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Misc :
ALS Vial : 35 Sample Multiplier: 1

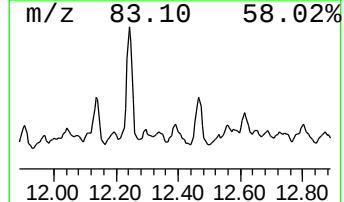
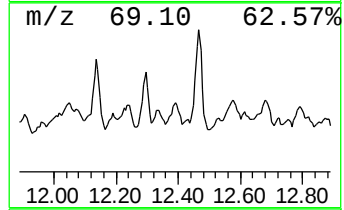
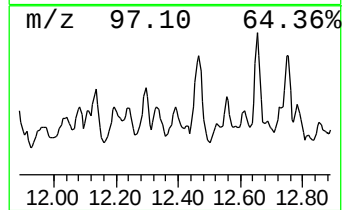
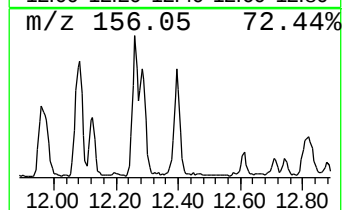
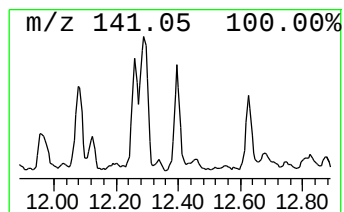
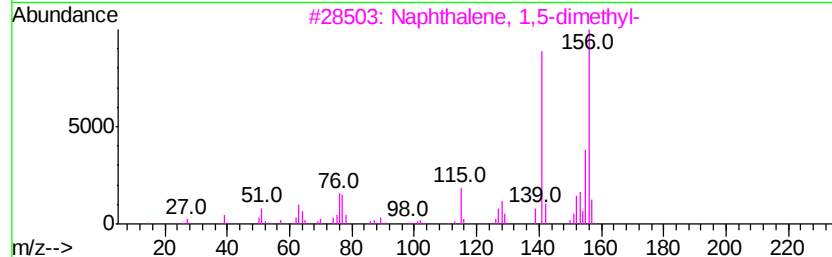
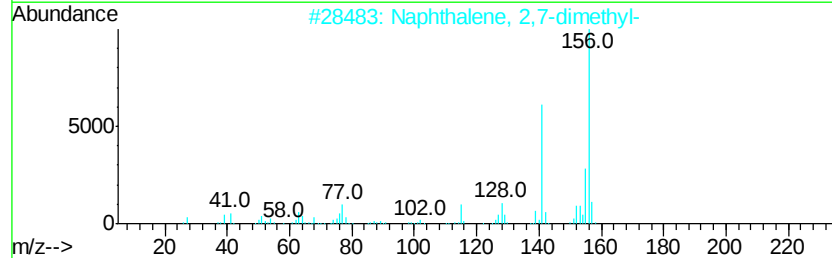
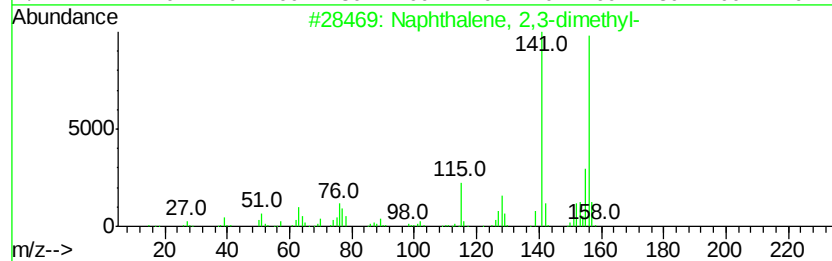
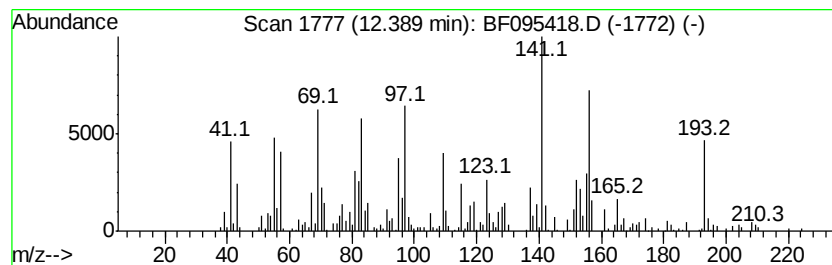
Instrument :
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ClientSampleId :
SB-8-6.0-6.5

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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 Naphthalene, 2,3-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.39	26.79 ng	733548	Acenaphthene-d10	12.61
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 80
2		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 56
3		Naphthalene, 1,5-dimethyl-	156 C12H12	000571-61-9 55
4		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 50
5		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052417\
Data File : BF095418.D
Acq On : 25 May 2017 10:25
Operator : SJ/MA
Sample : I3248-05
Misc :
ALS Vial : 35 Sample Multiplier: 1

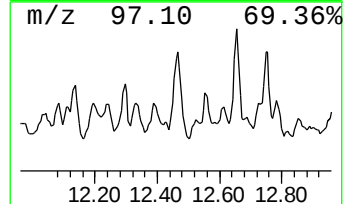
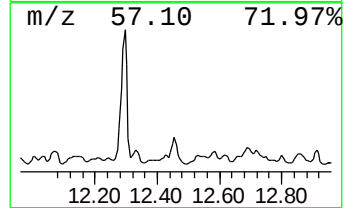
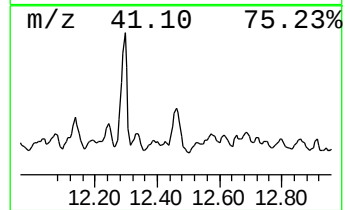
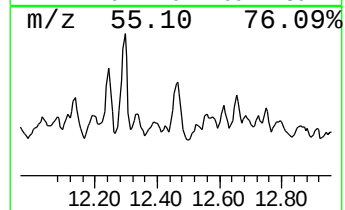
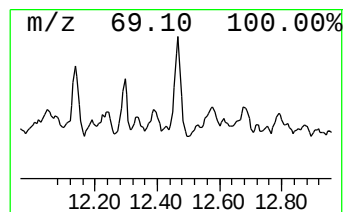
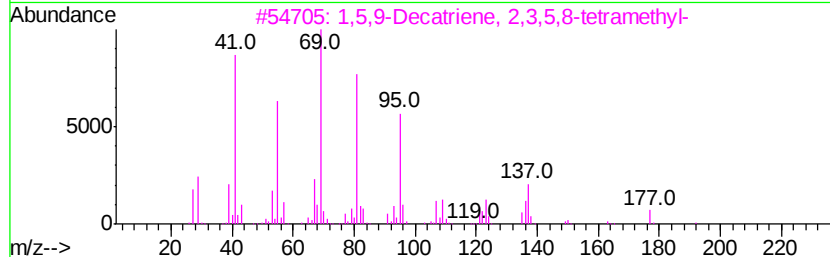
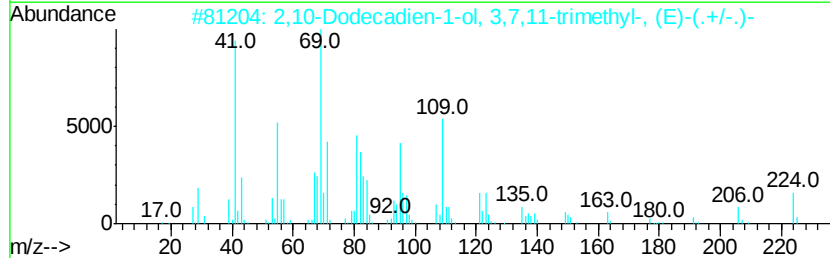
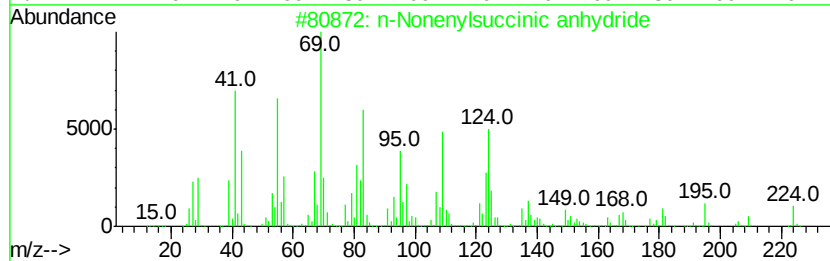
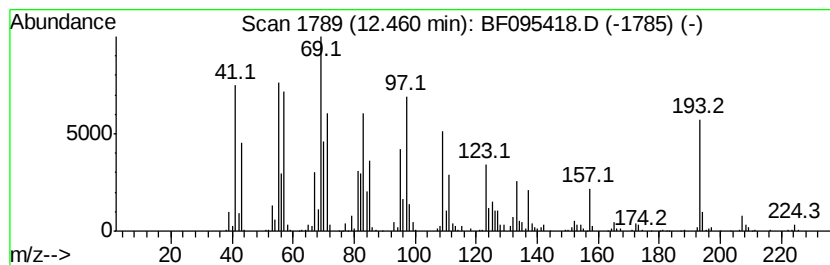
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown12.46 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.46	72.06 ng	1973490	Acenaphthene-d10	12.61	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Nonenylsuccinic anhydride	224	C13H20O3	028928-97-4	47
2	2,10-Dodecadien-1-ol, 3,7,11-tri...	224	C15H28O	020576-59-4	43
3	1,5,9-Decatriene, 2,3,5,8-tetram...	192	C14H24	230646-72-7	35
4	Crotyl methacrylate	140	C8H12O2	007376-45-6	30
5	6-Octenal, 3,7-dimethyl-, (R)-	154	C10H18O	002385-77-5	27



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052417\
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Acq On : 25 May 2017 10:25
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Misc :
ALS Vial : 35 Sample Multiplier: 1

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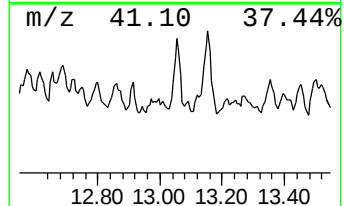
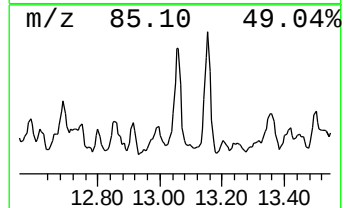
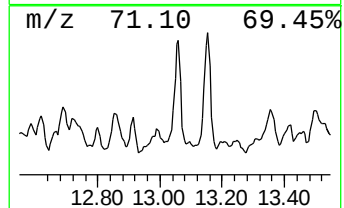
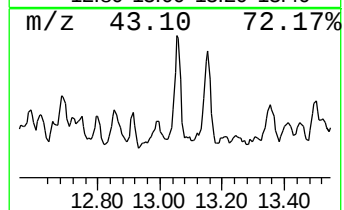
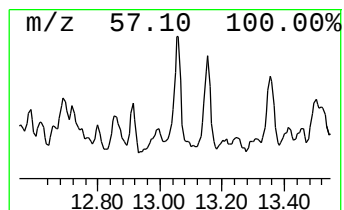
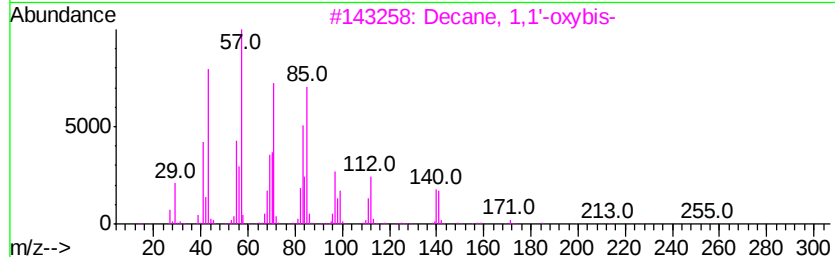
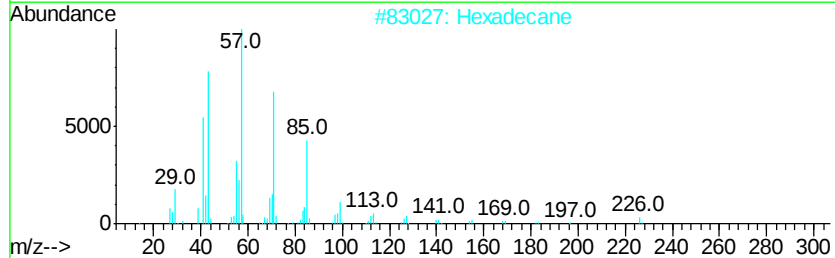
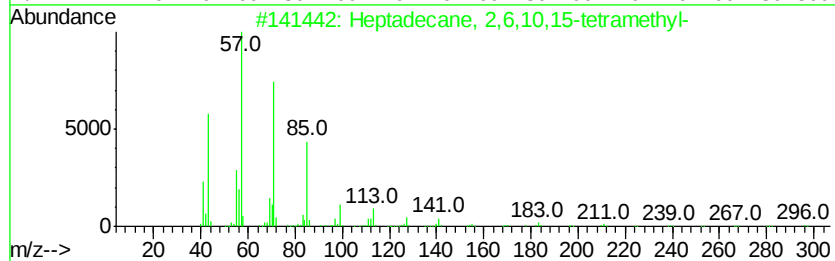
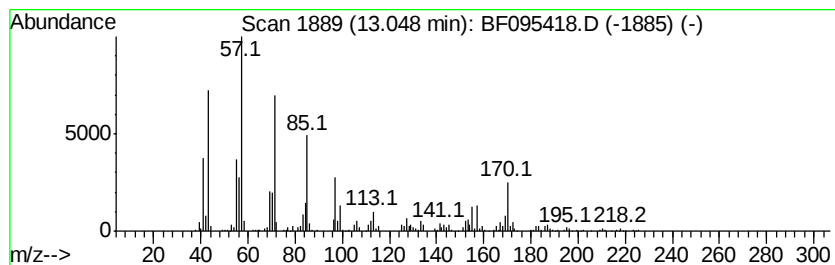
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Heptadecane, 2,6,10,15-tetr... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.05	35.02 ng	959124	Acenaphthene-d10	12.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
2		Hexadecane	226	C16H34	000544-76-3	86
3		Decane, 1,1'-oxybis-	298	C20H42O	002456-28-2	80
4		Heneicosane	296	C21H44	000629-94-7	80
5		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	64



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ALS Vial : 35 Sample Multiplier: 1

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ClientSampleId :
SB-8-6.0-6.5

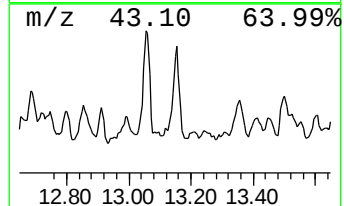
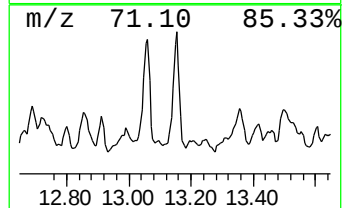
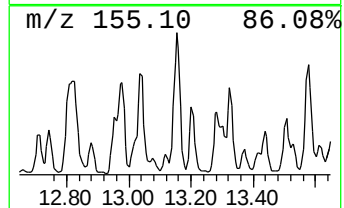
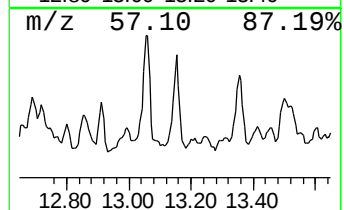
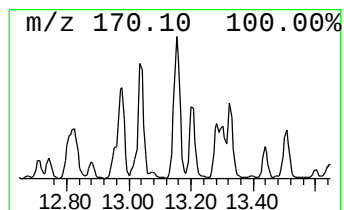
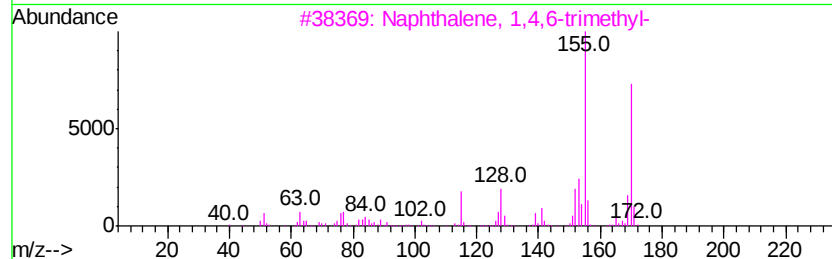
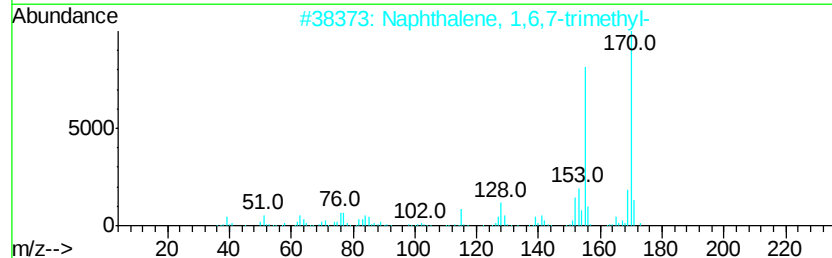
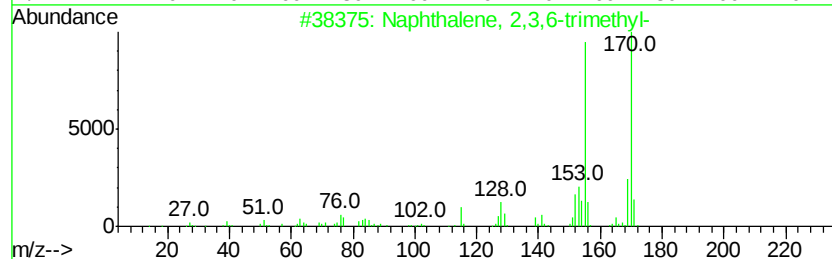
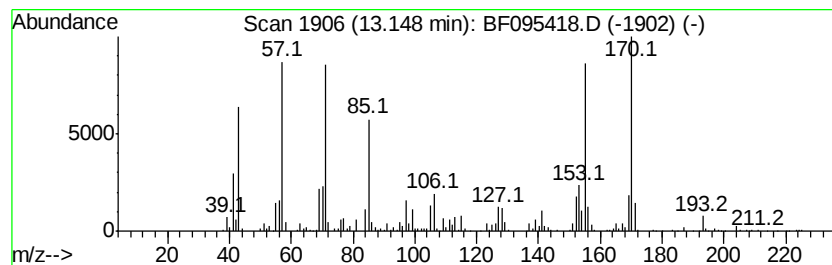
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Naphthalene, 2,3,6-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.15	55.76 ng	1527120	Acenaphthene-d10	12.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
3		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
4		4,6,8-Trimethylazulene	170	C13H14	000941-81-1	78
5		1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	78



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052417\
Data File : BF095418.D
Acq On : 25 May 2017 10:25
Operator : SJ/MA
Sample : I3248-05
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-8-6.0-6.5

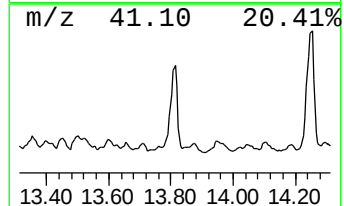
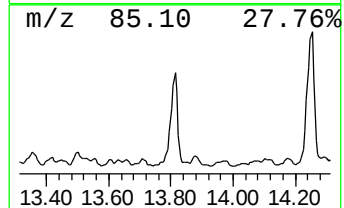
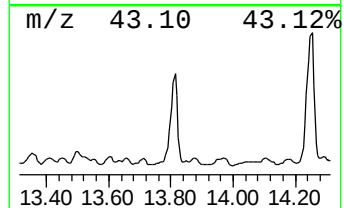
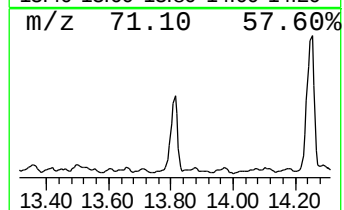
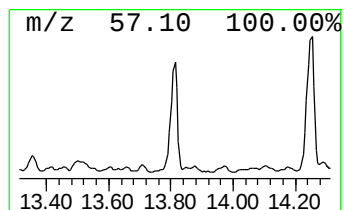
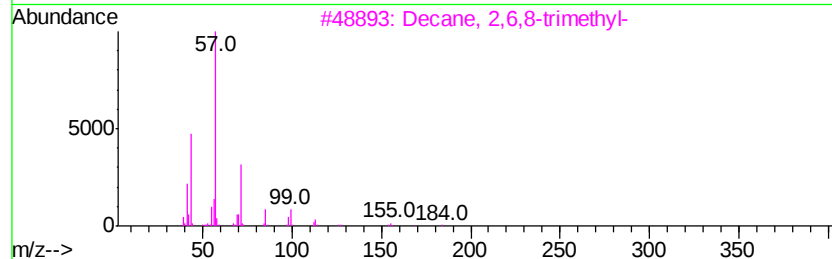
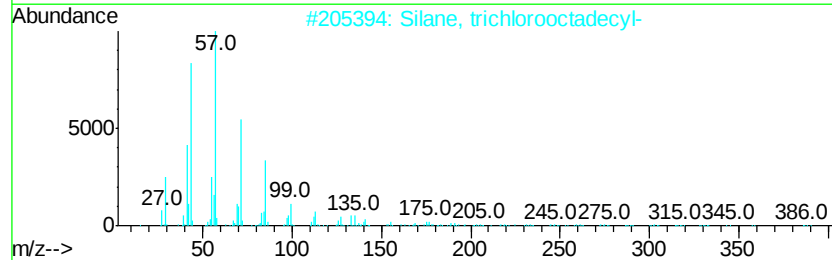
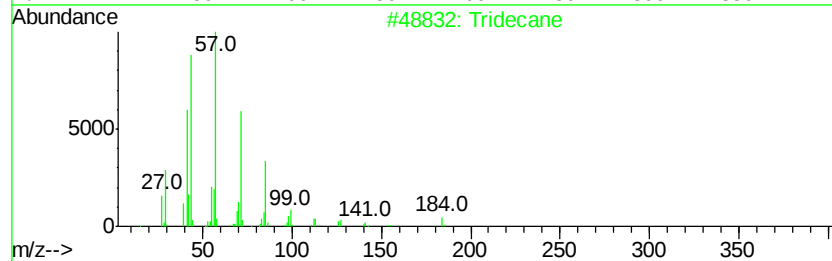
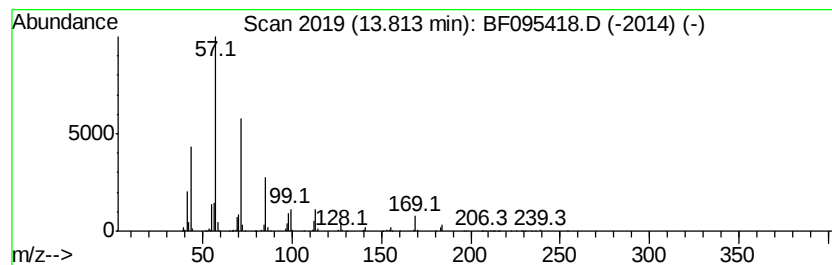
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Tridecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	105.99 ng	2902590	Acenaphthene-d10	12.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	80
2		Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	78
3		Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	76
4		Heptacosane	380	C27H56	000593-49-7	72
5		Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	62



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052417\
Data File : BF095418.D
Acq On : 25 May 2017 10:25
Operator : SJ/MA
Sample : I3248-05
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-8-6.0-6.5

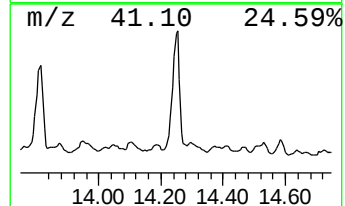
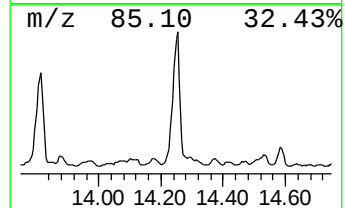
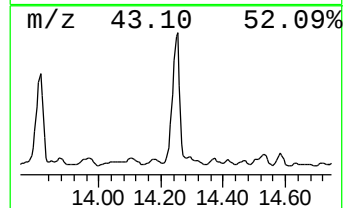
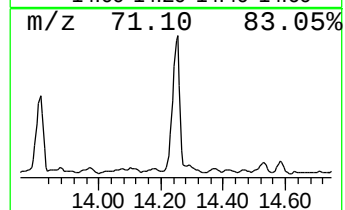
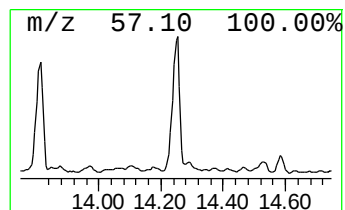
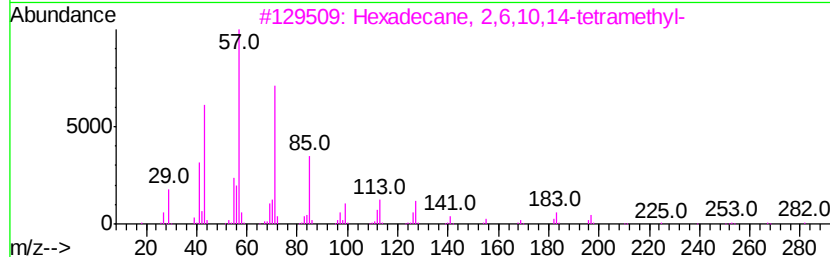
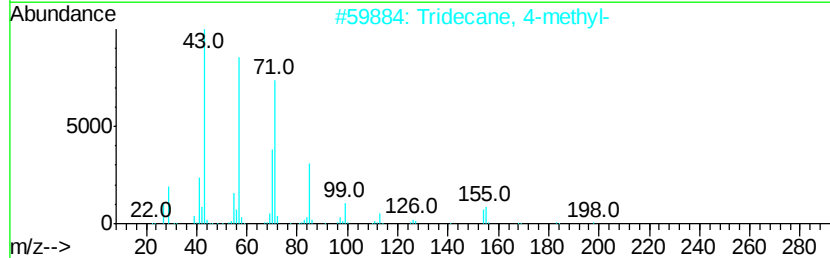
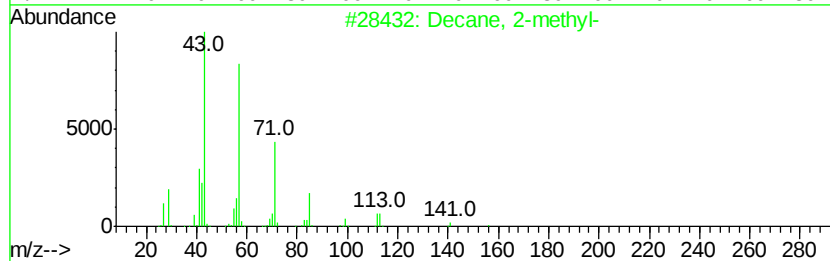
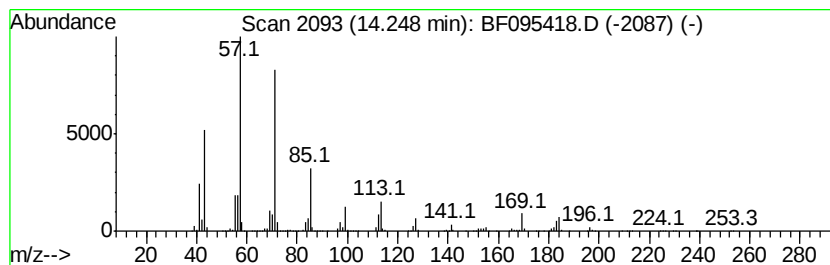
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Decane, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.25	28.99 ng	4643720	Phenanthrene-d10	15.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2-methyl-	156	C11H24	006975-98-0	87
2		Tridecane, 4-methyl-	198	C14H30	026730-12-1	81
3		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	80
4		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
5		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052417\
 Data File : BF095418.D
 Acq On : 25 May 2017 10:25
 Operator : SJ/MA
 Sample : I3248-05
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-8-6.0-6.5

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
unknown7.41	7.41	83.1	ng	2119220	1	7.75	510317	20.0
1-Methyldecahydro...	9.19	22.1	ng	1138910	2	9.77	1033210	20.0
Undecane, 2,6-dim...	9.98	30.1	ng	1554730	2	9.77	1033210	20.0
Octane, 2,6-dimet...	10.57	45.4	ng	2347190	2	9.77	1033210	20.0
unknown10.68	10.68	21.8	ng	1127560	2	9.77	1033210	20.0
1H-Indene, 2,3-di...	10.78	27.8	ng	1436140	2	9.77	1033210	20.0
Cyclohexane, eico...	11.31	29.5	ng	808275	3	12.61	547704	20.0
unknown11.64	11.64	35.5	ng	970711	3	12.61	547704	20.0
Naphthalene, 1,2,...	11.78	55.6	ng	1522260	3	12.61	547704	20.0
unknown11.84	11.84	41.9	ng	1146740	3	12.61	547704	20.0
unknown11.96	11.96	22.1	ng	603803	3	12.61	547704	20.0
Decahydro-4,4,8,9...	12.14	34.0	ng	930470	3	12.61	547704	20.0
Bacchotricuneatin c	12.30	121.7	ng	3333490	3	12.61	547704	20.0
Naphthalene, 2,3-...	12.39	26.8	ng	733548	3	12.61	547704	20.0
unknown12.46	12.46	72.1	ng	1973490	3	12.61	547704	20.0
Heptadecane, 2,6,...	13.05	35.0	ng	959124	3	12.61	547704	20.0
Naphthalene, 2,3,...	13.15	55.8	ng	1527120	3	12.61	547704	20.0
Tridecane	13.81	106.0	ng	2902590	3	12.61	547704	20.0
Decane, 2-methyl-	14.25	29.0	ng	4643720	4	15.02	3203740	20.0