

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042517\
 Data File : BF094627.D
 Acq On : 26 Apr 2017 2:26
 Operator : SJ/MA
 Sample : I2820-06
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HY-SB434C

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-BF041717.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	3.913	329	336	342	rBV2	319260	653747	12.81%	0.378%
2	4.307	398	403	409	rVV	3250485	3271220	64.09%	1.894%
3	4.837	487	493	498	rVB2	560071	791858	15.51%	0.458%
4	4.937	507	510	517	rVB2	1441219	1786078	34.99%	1.034%
5	5.142	539	545	554	rBV3	539871	1186727	23.25%	0.687%
6	5.237	557	561	565	rBV2	709144	878596	17.21%	0.509%
7	5.389	579	587	590	rBV	2956741	3848499	75.39%	2.228%
8	5.472	596	601	603	rBV2	682729	975481	19.11%	0.565%
9	5.507	603	607	610	rVB	3214329	3653430	71.57%	2.115%
10	5.754	646	649	654	rVB	856743	875466	17.15%	0.507%
11	5.831	658	662	667	rBV4	336336	706120	13.83%	0.409%
12	5.936	676	680	686	rVV3	3201702	3966260	77.70%	2.296%
13	6.048	695	699	701	rBV2	748365	962881	18.86%	0.557%
14	6.066	701	702	710	rVB2	699246	932626	18.27%	0.540%
15	6.207	723	726	729	rVB	1102090	1013720	19.86%	0.587%
16	6.248	729	733	736	rBV2	536640	626991	12.28%	0.363%
17	6.389	748	757	759	rBV3	1984286	3724549	72.97%	2.156%
18	6.413	759	761	763	rVV2	2145443	1748225	34.25%	1.012%
19	6.513	776	778	783	rVB2	1045634	1293004	25.33%	0.749%
20	6.660	800	803	806	rVB2	1000655	1089173	21.34%	0.631%
21	6.695	806	809	815	rBV5	1460529	1900946	37.24%	1.100%
22	6.766	815	821	824	rVV4	728293	1029113	20.16%	0.596%
23	6.825	824	831	834	rVV3	1988935	3264440	63.95%	1.890%
24	6.866	836	838	845	rVV4	1209747	1808149	35.42%	1.047%
25	6.948	849	852	856	rVV3	1626017	2378211	46.59%	1.377%
26	7.001	859	861	866	rVB4	788181	889715	17.43%	0.515%
27	7.060	869	871	876	rVV3	660434	1024207	20.06%	0.593%
28	7.119	879	881	884	rVV	812882	834654	16.35%	0.483%
29	7.154	884	887	894	rVB6	713437	1275026	24.98%	0.738%
30	7.213	894	897	898	rBV	876458	882551	17.29%	0.511%
31	7.254	898	904	909	rVV4	2405888	4793250	93.90%	2.775%
32	7.295	909	911	913	rVV3	991104	1231407	24.12%	0.713%
33	7.325	913	916	920	rVV3	1591358	2015612	39.49%	1.167%
34	7.383	923	926	932	rVV4	929386	1313135	25.73%	0.760%

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35	7.501	942	946	948	rBV2	2010473	2117591	41.48%	1.226%
36	7.525	948	950	952	rVV2	1013000	900627	17.64%	0.521%
37	7.554	952	955	958	rVV3	678424	928702	18.19%	0.538%
38	7.595	959	962	966	rVV4	1146286	2033174	39.83%	1.177%
39	7.636	966	969	972	rVB2	1721713	1839388	36.03%	1.065%
40	7.672	972	975	980	rBV4	474444	929237	18.20%	0.538%
41	7.719	980	983	984	rVV2	742783	804341	15.76%	0.466%
42	7.736	984	986	990	rVB	1255079	1176393	23.05%	0.681%
43	7.825	996	1001	1006	rBV2	3311391	4655529	91.20%	2.695%
44	7.878	1006	1010	1015	rVV	2397028	2852974	55.89%	1.652%
45	7.942	1018	1021	1025	rVB5	1178663	1689193	33.09%	0.978%
46	7.983	1025	1028	1030	rBV	1173739	1081031	21.18%	0.626%
47	8.007	1030	1032	1034	rBV2	614774	615486	12.06%	0.356%
48	8.030	1034	1036	1038	rVV2	781925	766616	15.02%	0.444%
49	8.066	1039	1042	1044	rVV2	1511001	1402668	27.48%	0.812%
50	8.119	1047	1051	1057	rVB6	1401208	2389571	46.81%	1.383%
51	8.189	1060	1063	1067	rVB2	577484	713267	13.97%	0.413%
52	8.248	1067	1073	1075	rBV2	2412854	3558508	69.71%	2.060%
53	8.272	1075	1077	1081	rBV4	1973679	1956727	38.33%	1.133%
54	8.348	1087	1090	1092	rBV3	697199	795593	15.59%	0.461%
55	8.472	1108	1111	1114	rBV3	629664	713531	13.98%	0.413%
56	8.536	1118	1122	1123	rVV2	1017093	1345802	26.37%	0.779%
57	8.566	1123	1127	1128	rVV2	3271886	4122054	80.75%	2.386%
58	8.607	1132	1134	1140	rVB2	641001	990795	19.41%	0.574%
59	8.672	1141	1145	1147	rVV3	545229	852155	16.69%	0.493%
60	8.695	1147	1149	1153	rVB3	759786	887073	17.38%	0.514%
61	8.766	1158	1161	1165	rVV2	1361067	1931454	37.84%	1.118%
62	8.813	1165	1169	1173	rVB3	1552951	2414323	47.30%	1.398%
63	8.907	1180	1185	1191	rBV2	2348545	3979268	77.96%	2.304%
64	9.001	1196	1201	1203	rVV	2812269	4511552	88.38%	2.612%
65	9.030	1203	1206	1208	rVV	2628004	2793997	54.74%	1.617%
66	9.054	1208	1210	1213	rVV2	914931	931802	18.25%	0.539%
67	9.125	1217	1222	1225	rVV3	3300242	5104492	100.00%	2.955%
68	9.154	1225	1227	1231	rVB4	1379506	1207238	23.65%	0.699%
69	9.236	1238	1241	1245	rVB3	965473	1268019	24.84%	0.734%
70	9.401	1262	1269	1272	rBV4	1184427	2370232	46.43%	1.372%
71	9.436	1272	1275	1277	rVV	1046385	1253349	24.55%	0.726%

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72	9.460	1277	1279	1282	rVB2	932116	947021	18.55%	0.548%
73	9.548	1290	1294	1299	rVB	1575527	2654414	52.00%	1.537%
74	9.595	1299	1302	1304	rVB	984395	925558	18.13%	0.536%
75	9.666	1308	1314	1317	rBV2	1642506	2709149	53.07%	1.568%
76	9.713	1317	1322	1326	rVB2	1839481	2748569	53.85%	1.591%
77	9.777	1329	1333	1335	rBV4	829024	984087	19.28%	0.570%
78	9.807	1335	1338	1340	rBV	1117174	1090756	21.37%	0.631%
79	9.842	1341	1344	1347	rVB2	1439122	1495386	29.30%	0.866%
80	9.913	1350	1356	1358	rBV4	1139209	2067125	40.50%	1.197%
81	10.072	1380	1383	1387	rVB3	1347019	1529010	29.95%	0.885%
82	10.119	1387	1391	1393	rBV2	1247861	1791072	35.09%	1.037%
83	10.272	1413	1417	1420	rVB	2470189	2828186	55.41%	1.637%
84	10.377	1431	1435	1440	rVB5	1175235	2361043	46.25%	1.367%
85	10.430	1441	1444	1449	rBV4	601423	725834	14.22%	0.420%
86	10.542	1460	1463	1466	rVB2	785065	867142	16.99%	0.502%
87	10.601	1469	1473	1476	rVV	3005499	3837735	75.18%	2.222%
88	10.789	1502	1505	1507	rVV	1004592	1107368	21.69%	0.641%
89	10.819	1507	1510	1513	rVV4	723269	1024212	20.06%	0.593%
90	10.854	1514	1516	1519	rVB	783273	694737	13.61%	0.402%
91	11.171	1566	1570	1573	rVB	2281881	2677467	52.45%	1.550%
92	11.219	1575	1578	1580	rVV	561283	658289	12.90%	0.381%
93	11.248	1580	1583	1585	rVB	758400	791082	15.50%	0.458%
94	11.842	1680	1684	1687	rBV	890155	1086192	21.28%	0.629%
95	11.877	1687	1690	1696	rVB	1088584	1200643	23.52%	0.695%
96	12.430	1781	1784	1787	rVV	585257	612403	12.00%	0.355%
97	12.518	1794	1799	1803	rVV2	844308	1303650	25.54%	0.755%
98	12.560	1803	1806	1809	rVV2	450626	623627	12.22%	0.361%
99	13.189	1908	1913	1916	rVB	2021420	2192327	42.95%	1.269%
100	14.454	2124	2128	2132	rBV	602763	699043	13.69%	0.405%

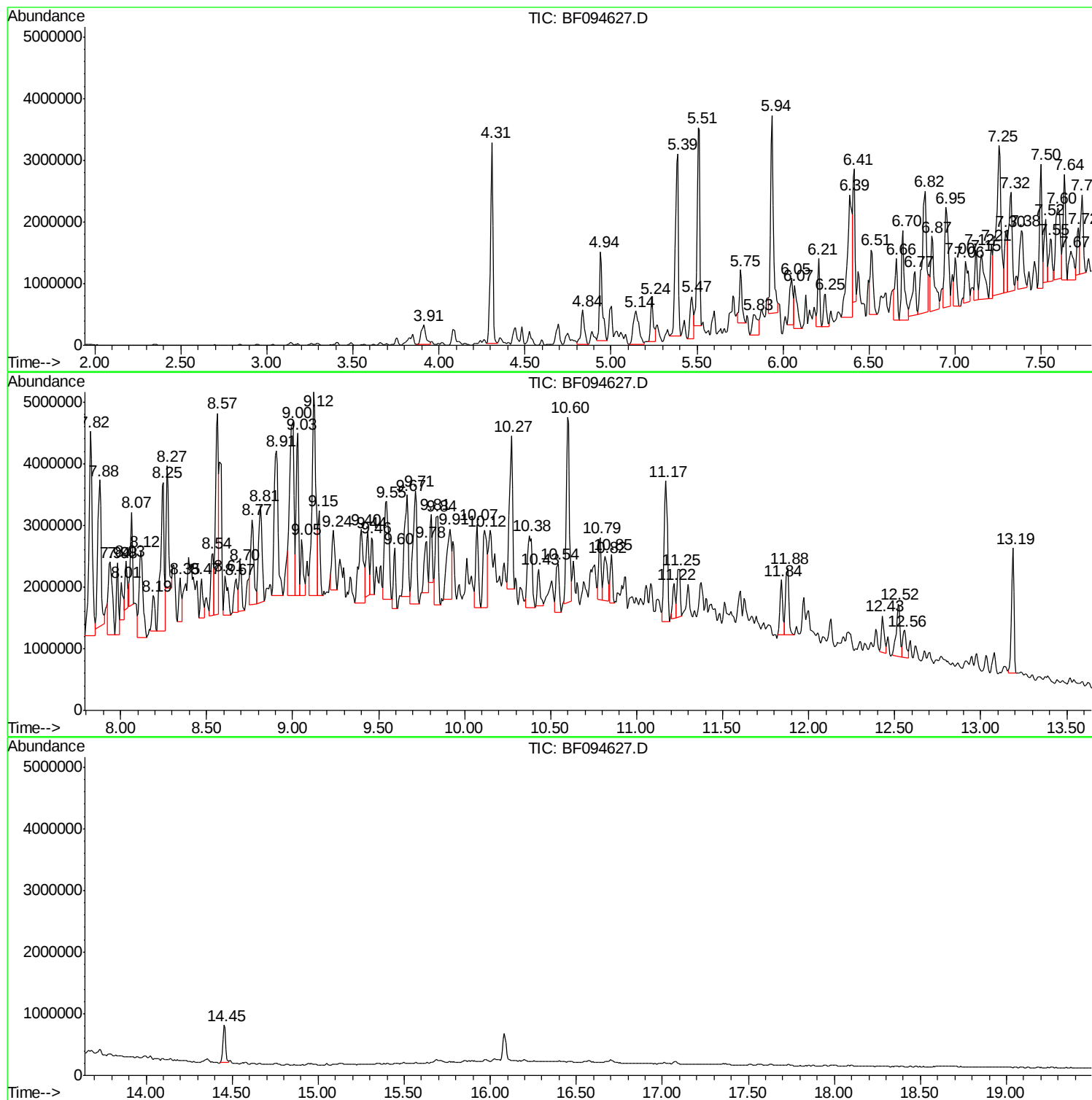
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Instrument :
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ClientSampled :
HY-SB434C

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.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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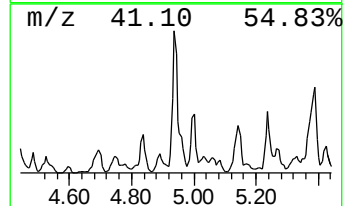
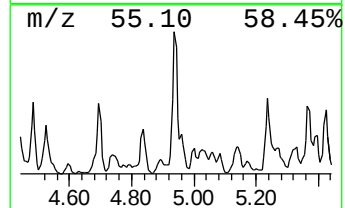
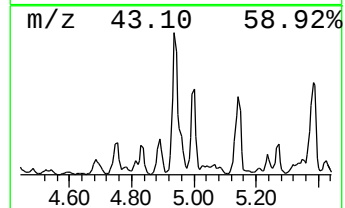
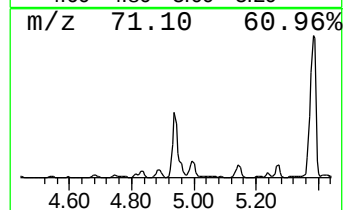
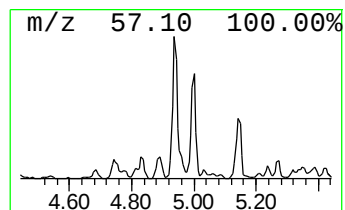
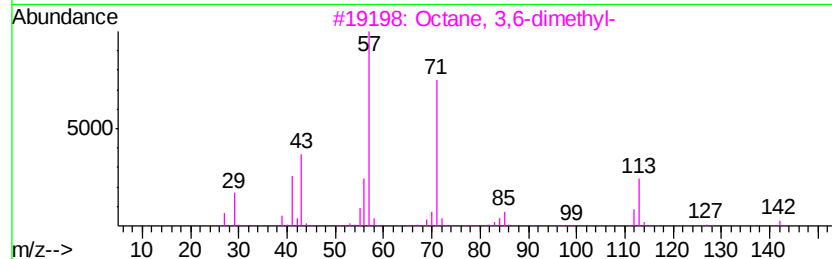
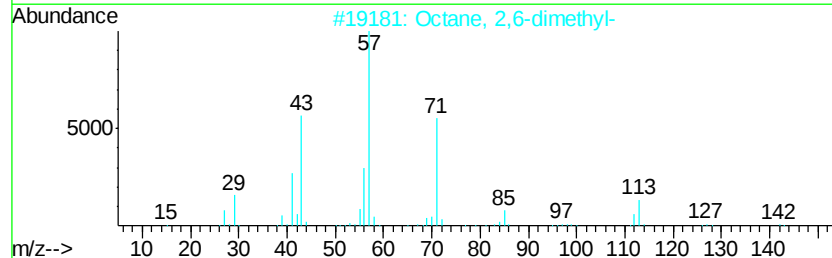
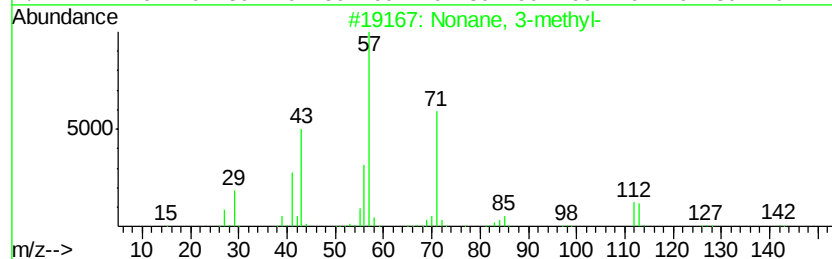
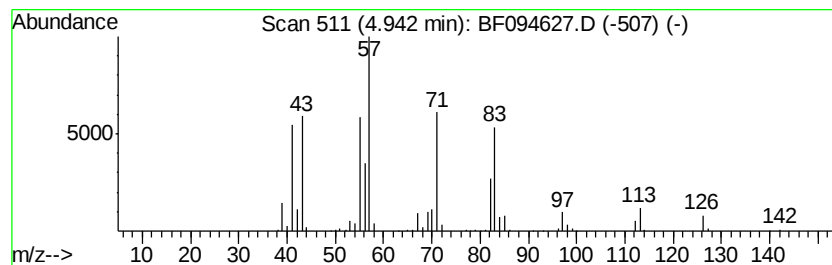
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown4.94 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.94	40.80 ng	1786080	1,4-Dichlorobenzene-d4	5.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 3-methyl-	142	C10H22	005911-04-6	49
2		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	46
3		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	46
4		Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	38
5		Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	35



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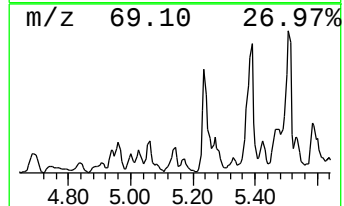
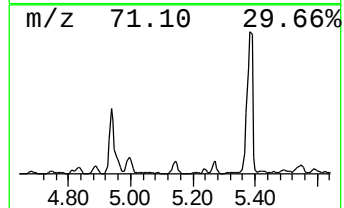
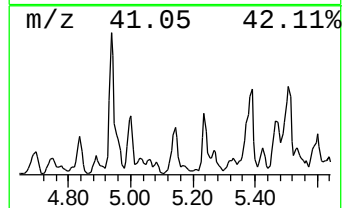
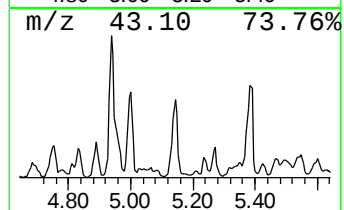
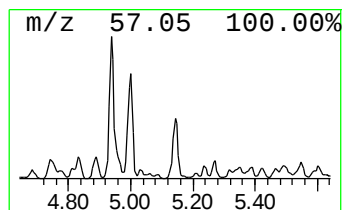
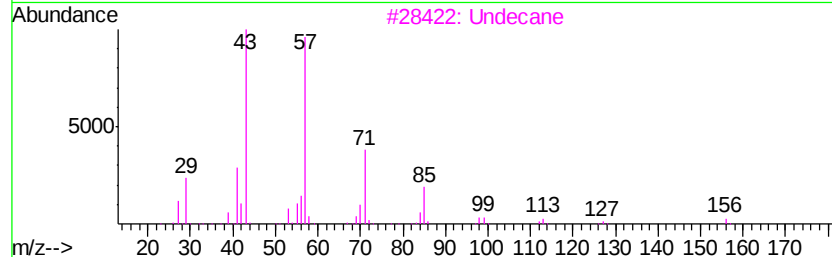
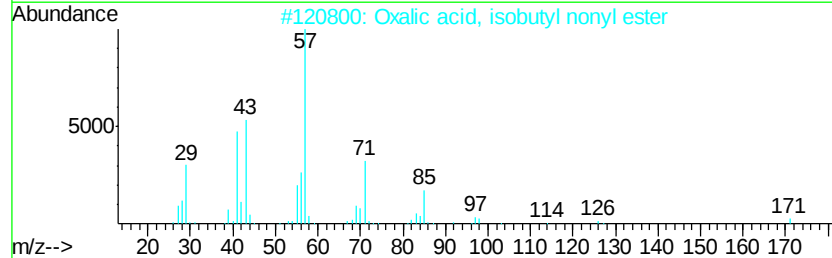
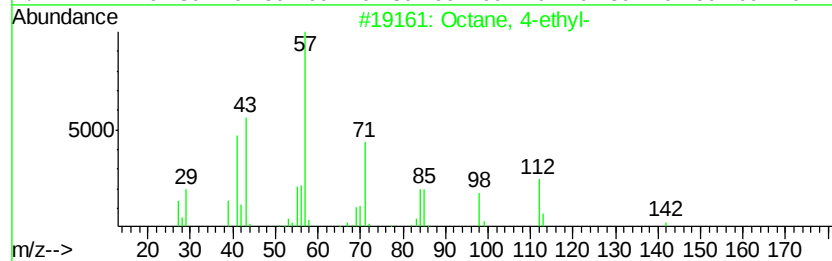
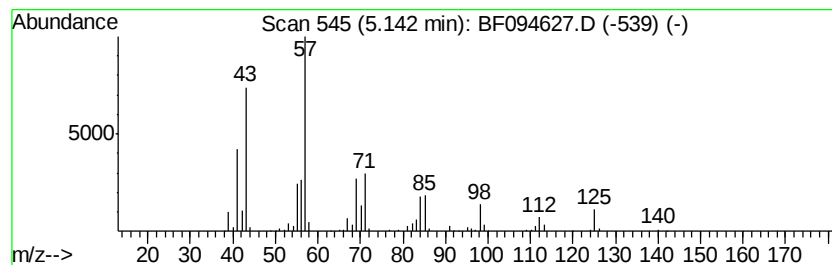
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 Octane, 4-ethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.14	27.11 ng	1186730	1,4-Dichlorobenzene-d4	5.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 4-ethyl-	142	C10H22	015869-86-0	53
2		Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1000309-37-4	50
3		Undecane	156	C11H24	001120-21-4	50
4		Decane, 5-methyl-	156	C11H24	013151-35-4	47
5		Octane	114	C8H18	000111-65-9	43



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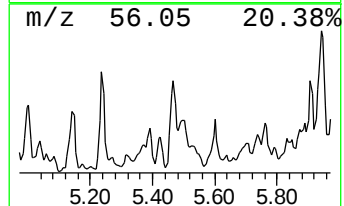
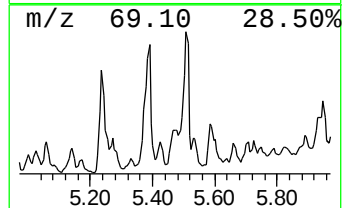
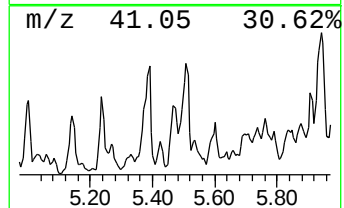
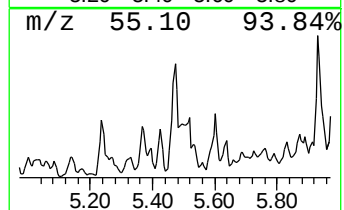
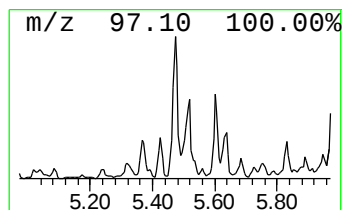
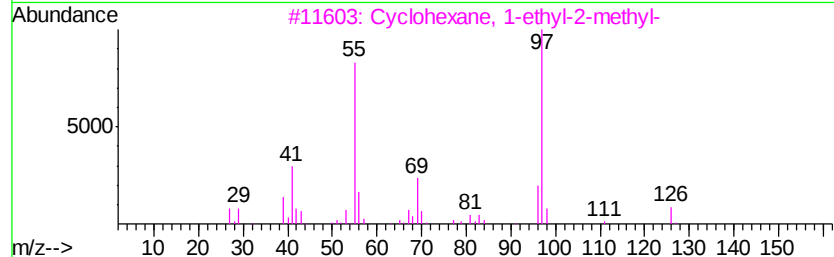
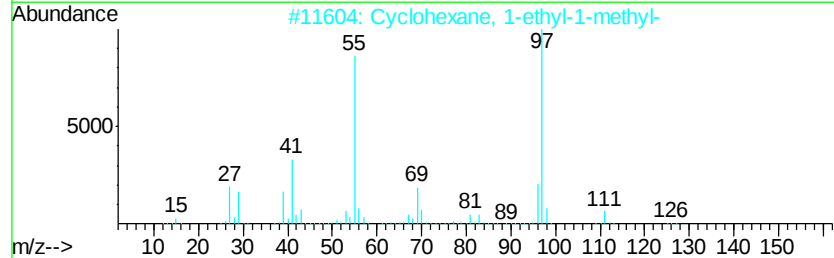
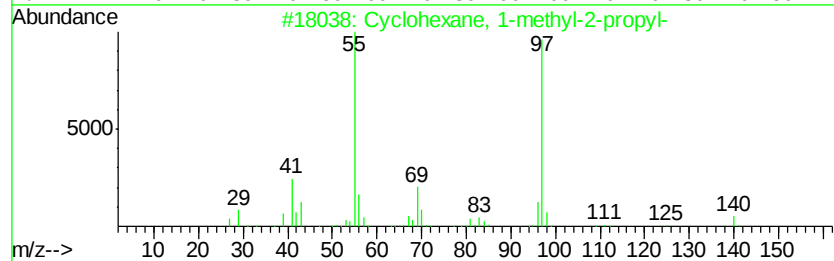
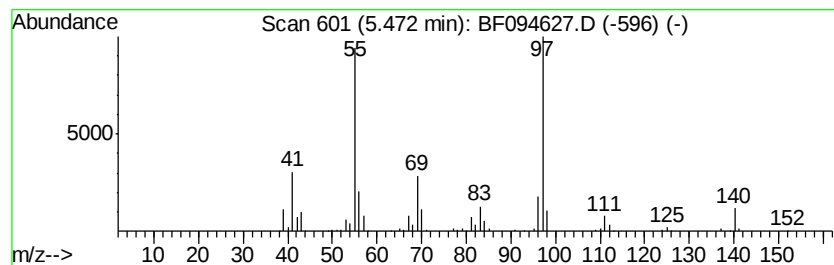
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Peak Number 3 Cyclohexane, 1-methyl-2-propyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.47	22.28 ng	975481	1,4-Dichlorobenzene-d4	5.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	90
2		Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	81
3		Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	80
4		Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	80
5		Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042517\
Data File : BF094627.D
Acq On : 26 Apr 2017 2:26
Operator : SJ/MA
Sample : I2820-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

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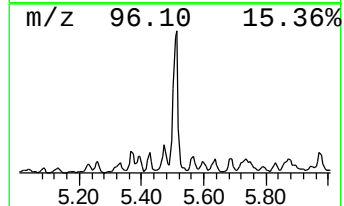
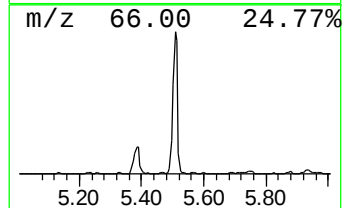
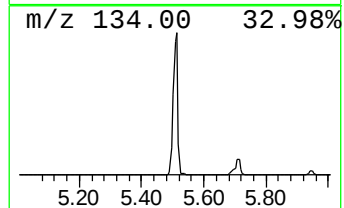
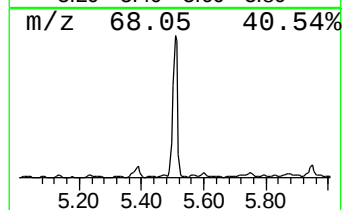
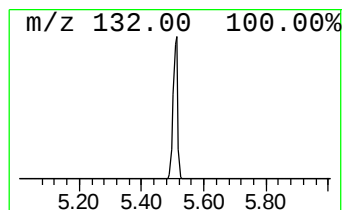
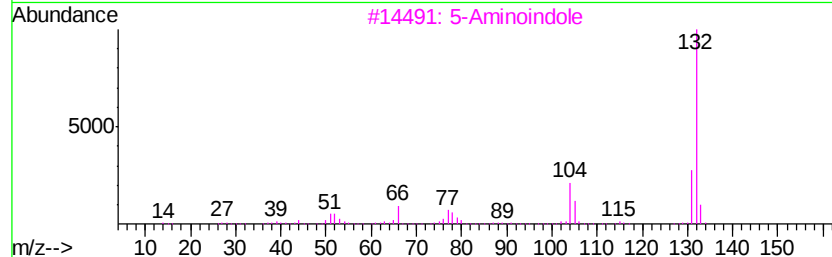
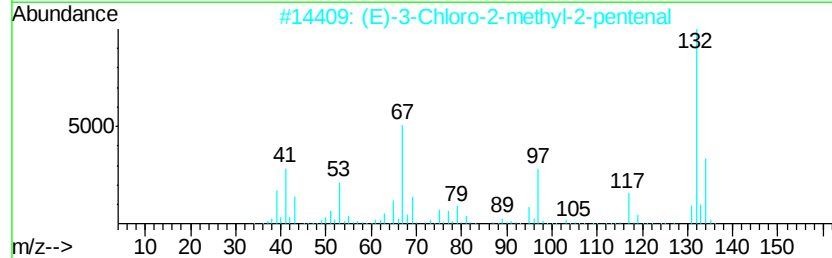
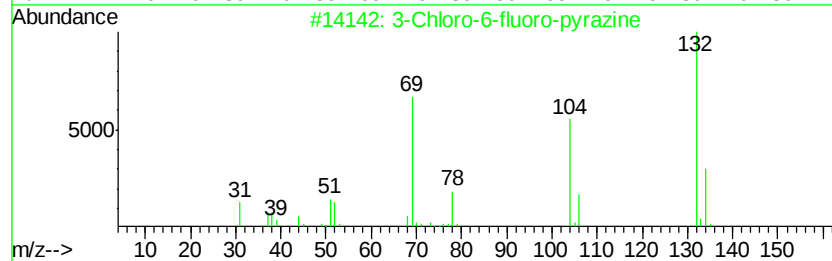
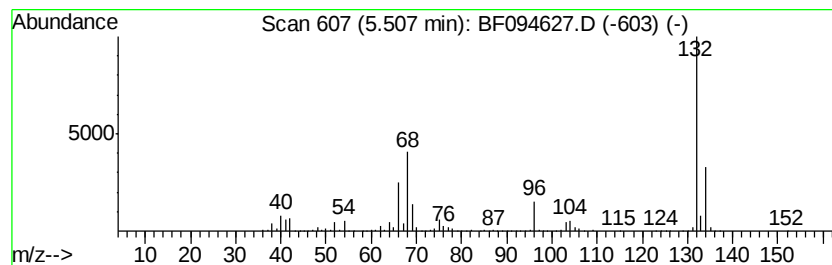
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 unknown5.51 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.51	83.46 ng	3653430	1,4-Dichlorobenzene-d4	5.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042517\
Data File : BF094627.D
Acq On : 26 Apr 2017 2:26
Operator : SJ/MA
Sample : I2820-06
Misc :
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Instrument :
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ClientSampled :
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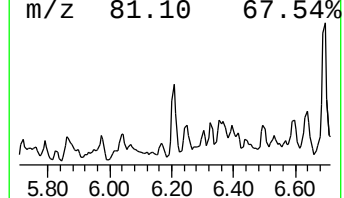
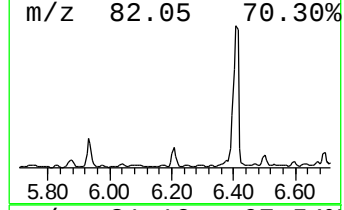
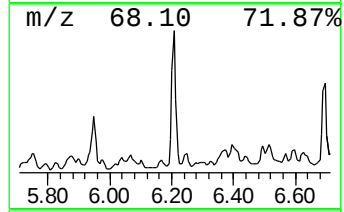
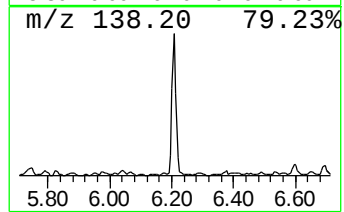
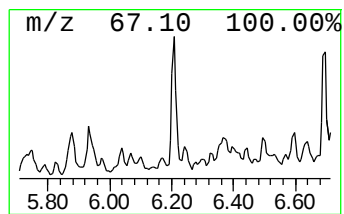
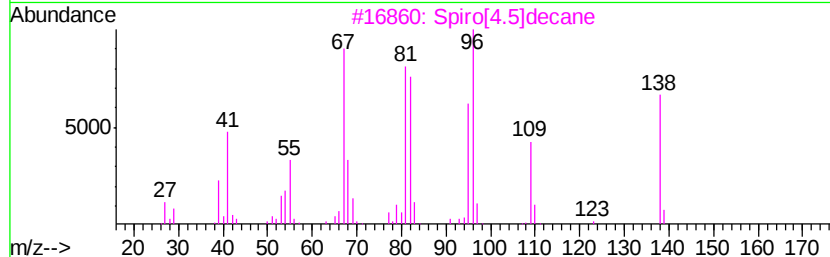
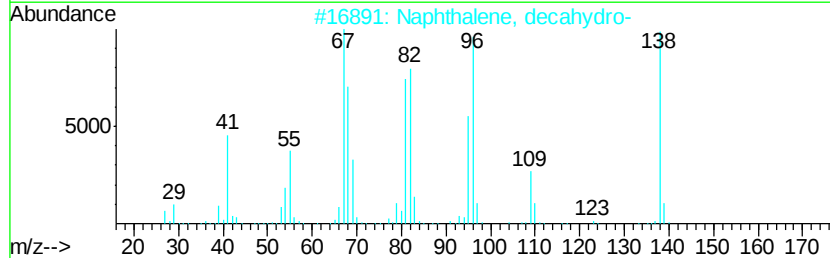
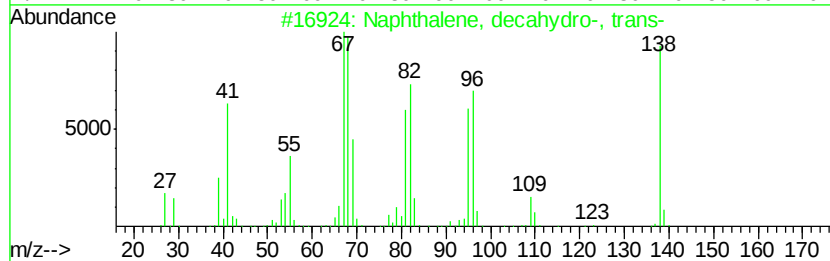
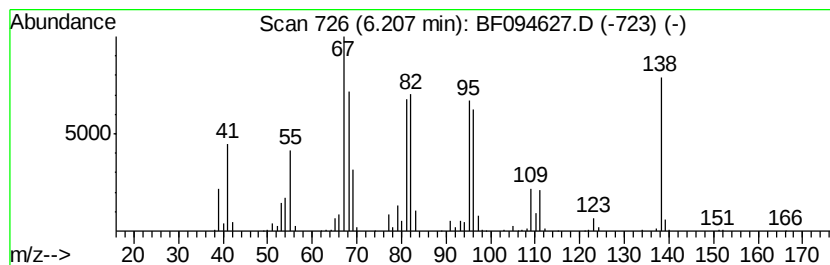
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, decahydro-, tr... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.21	23.16 ng	1013720	1,4-Dichlorobenzene-d4	5.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	95
2		Naphthalene, decahydro-	138	C10H18	000091-17-8	95
3		Spiro[4.5]decane	138	C10H18	000176-63-6	76
4		Bicyclo[5.3.0]decane	138	C10H18	005661-80-3	72
5		Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	70



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042517\
Data File : BF094627.D
Acq On : 26 Apr 2017 2:26
Operator : SJ/MA
Sample : I2820-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

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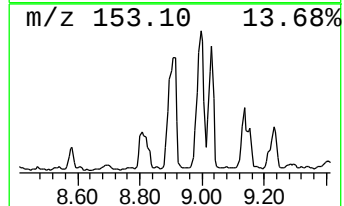
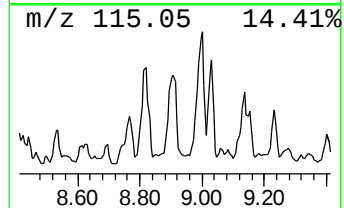
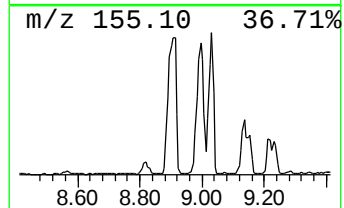
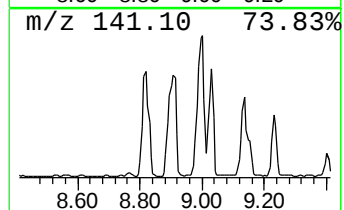
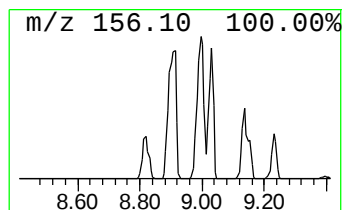
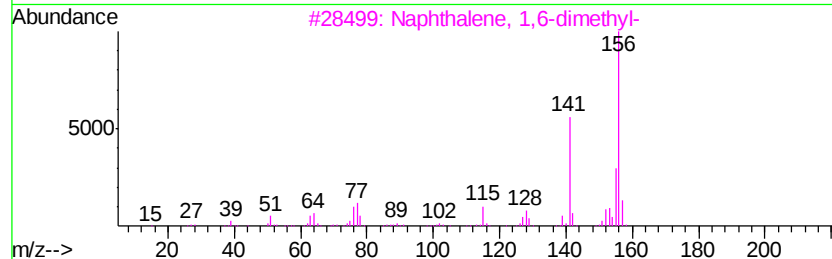
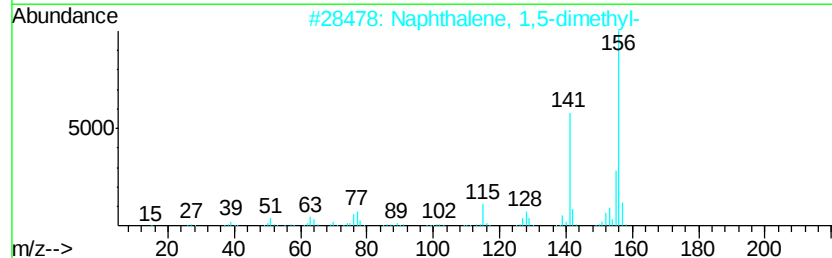
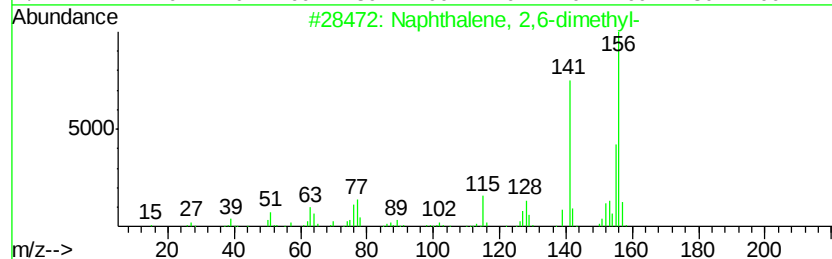
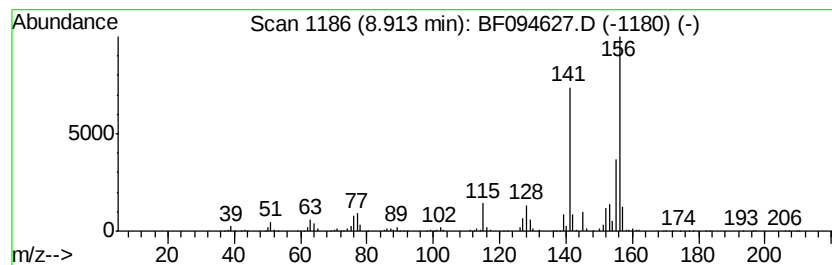
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 2,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.91	33.58 ng	3979270	Acenaphthene-d10	9.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4		Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
5		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042517\
Data File : BF094627.D
Acq On : 26 Apr 2017 2:26
Operator : SJ/MA
Sample : I2820-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

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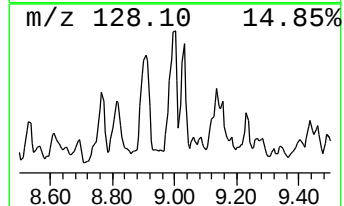
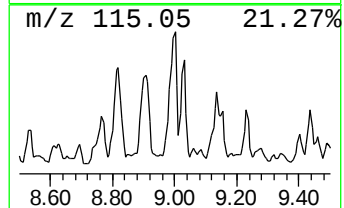
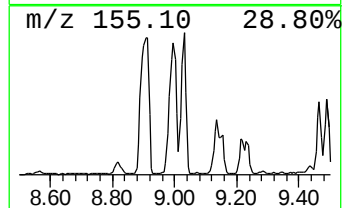
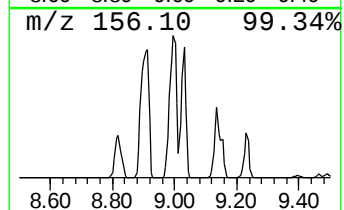
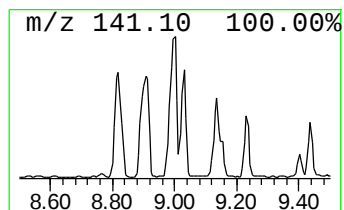
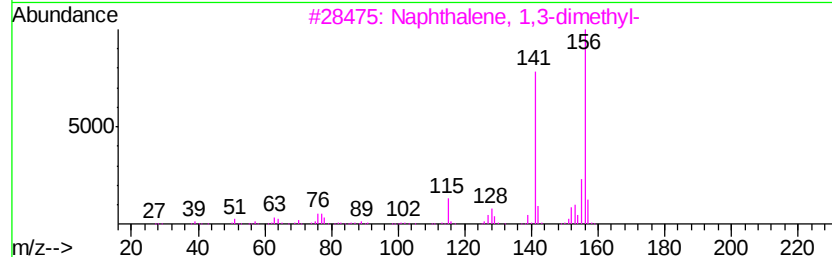
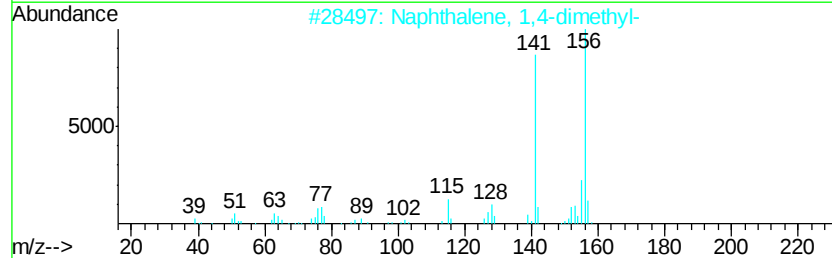
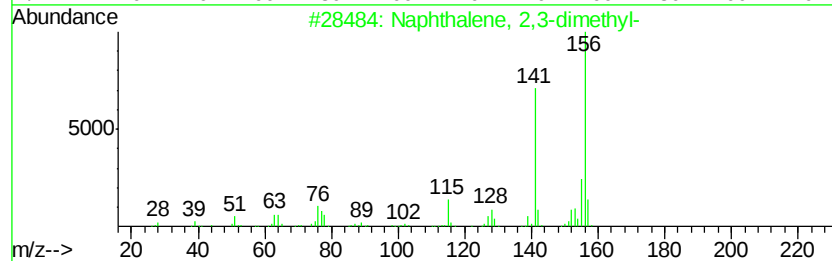
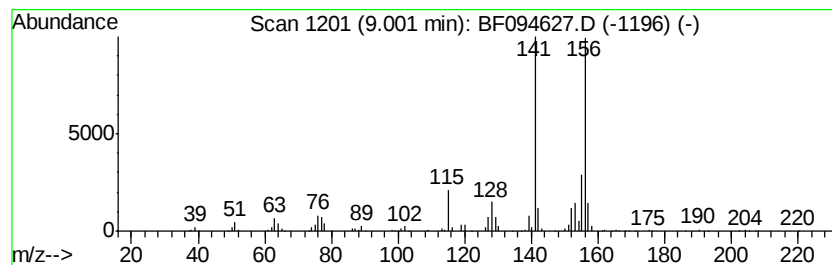
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 2,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.00	38.07 ng	4511550	Acenaphthene-d10	9.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5		Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	96



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042517\
Data File : BF094627.D
Acq On : 26 Apr 2017 2:26
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Misc :
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ClientSampleId :
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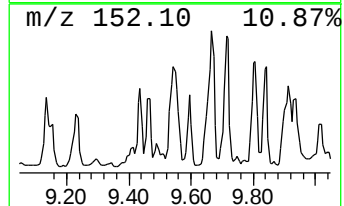
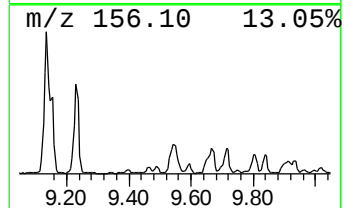
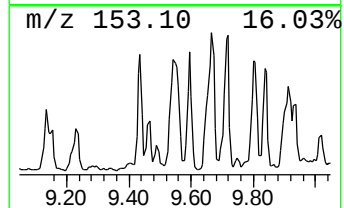
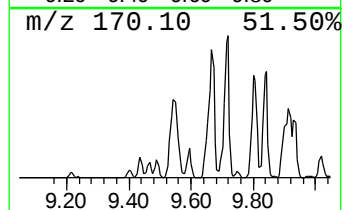
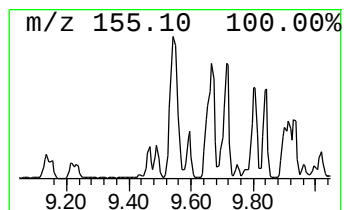
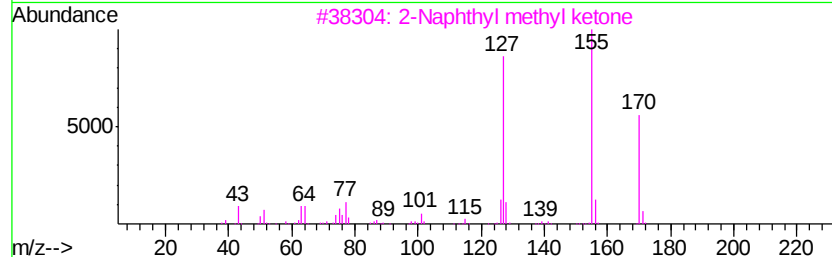
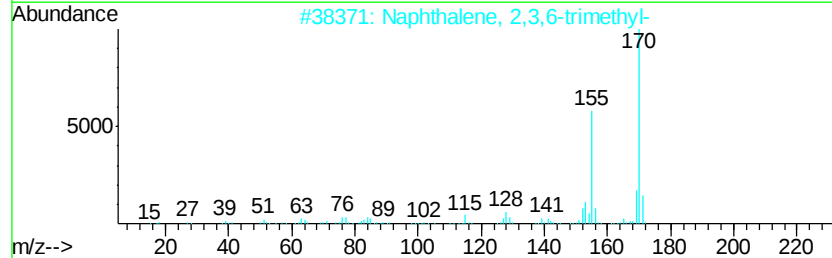
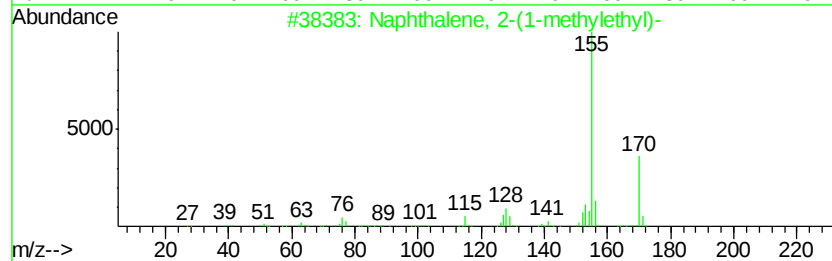
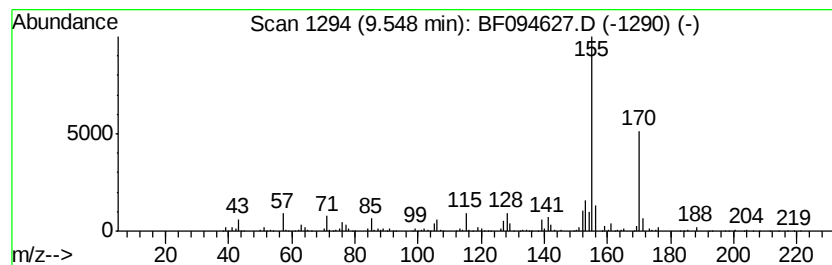
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 2-(1-methyleth... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.55	22.40 ng	2654410	Acenaphthene-d10	9.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91
2		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	91
3		2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	74
4		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	64
5		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	58



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042517\
Data File : BF094627.D
Acq On : 26 Apr 2017 2:26
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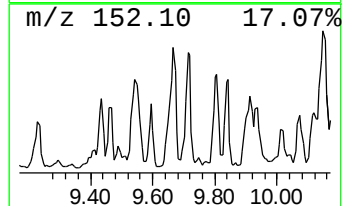
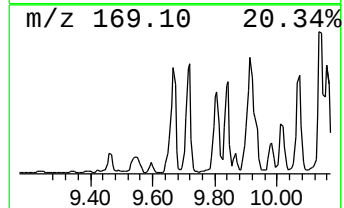
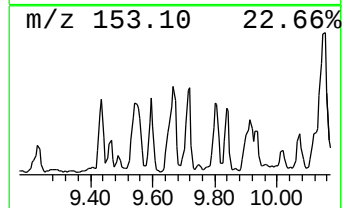
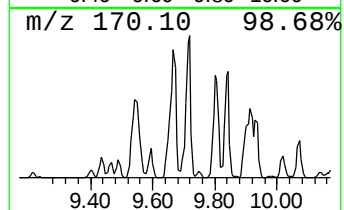
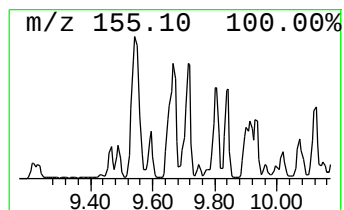
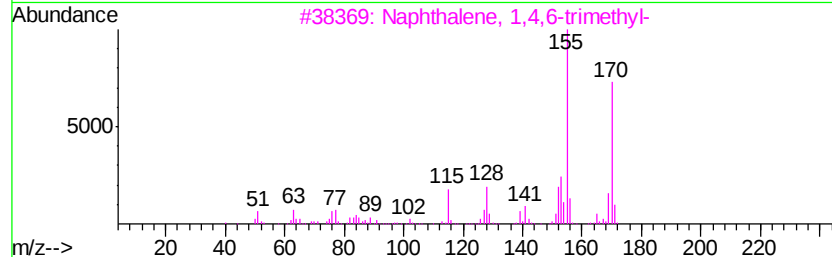
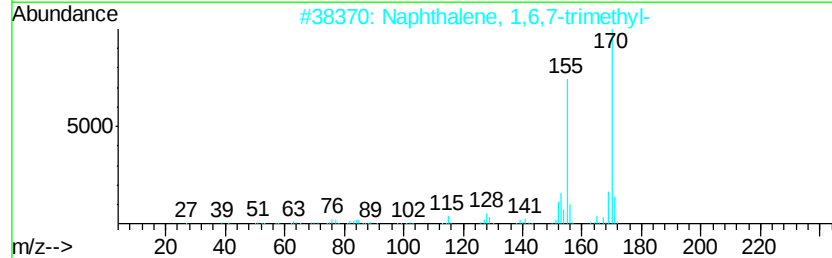
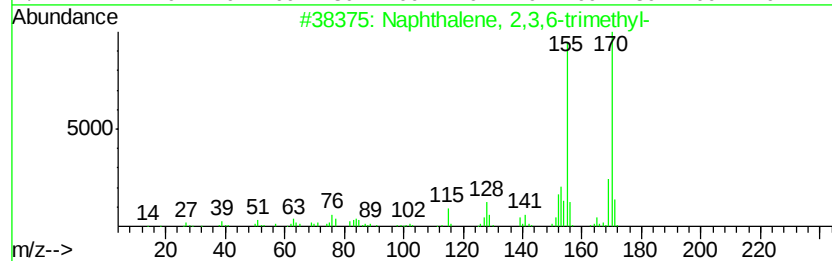
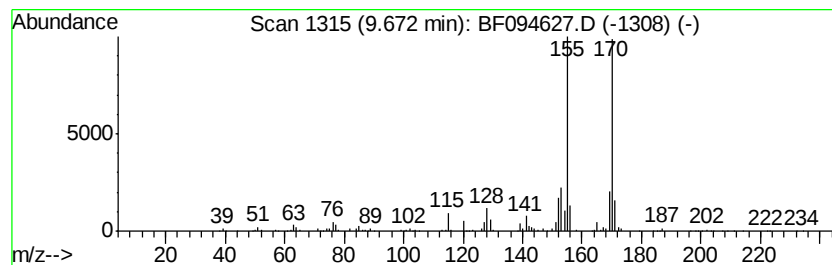
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 2,3,6-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.67	22.86 ng	2709150	Acenaphthene-d10	9.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
4		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
5		3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042517\
Data File : BF094627.D
Acq On : 26 Apr 2017 2:26
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Misc :
ALS Vial : 30 Sample Multiplier: 1

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ClientSampleId :
HY-SB434C

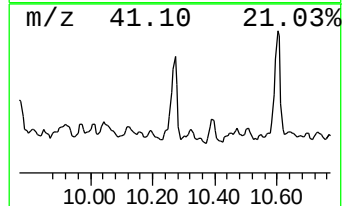
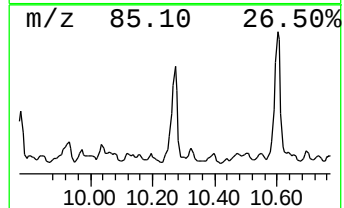
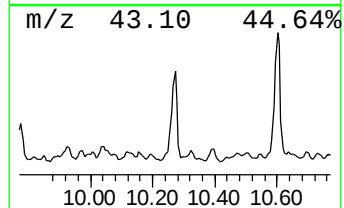
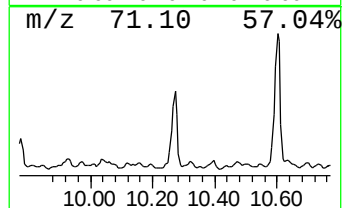
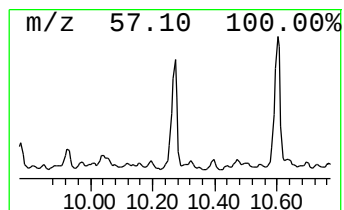
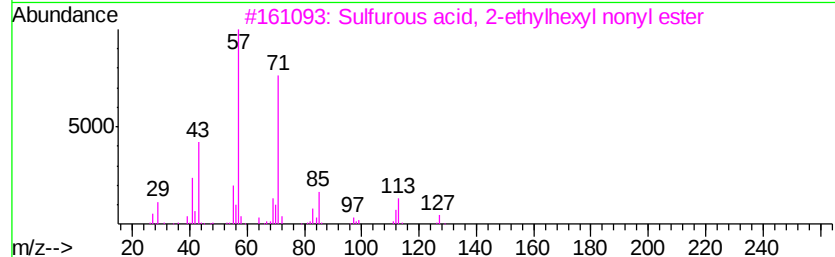
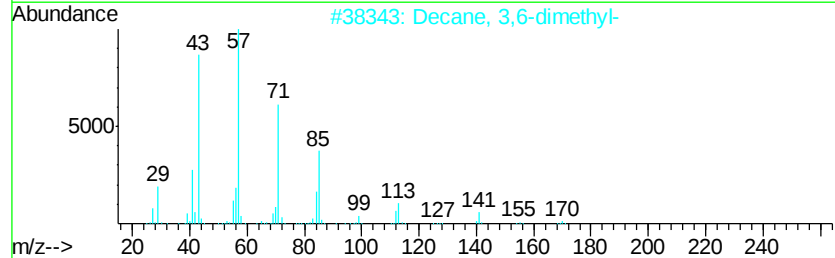
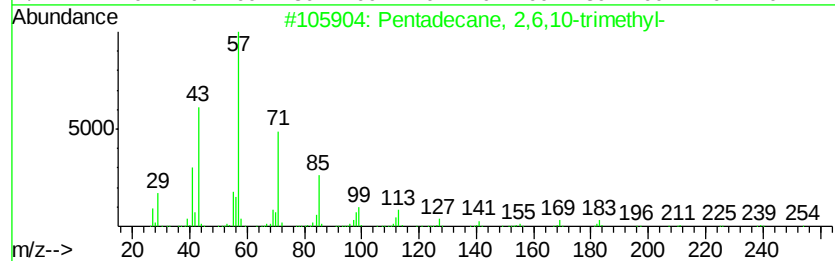
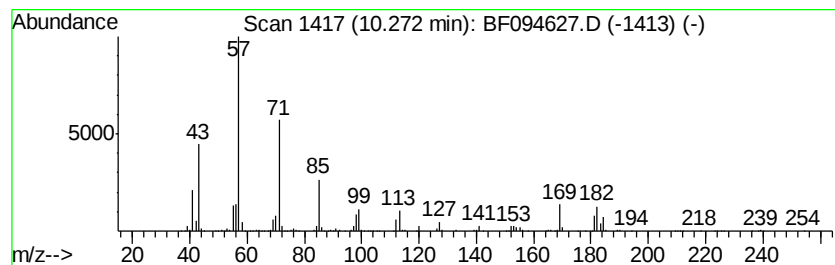
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Pentadecane, 2,6,10-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.27	23.86 ng	2828190	Acenaphthene-d10	9.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	72
2		Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	58
3		Sulfurous acid, 2-ethylhexyl nonyl...	320	C17H36O3S	1000309-19-2	49
4		Tridecane	184	C13H28	000629-50-5	49
5		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	47



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042517\
Data File : BF094627.D
Acq On : 26 Apr 2017 2:26
Operator : SJ/MA
Sample : I2820-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HY-SB434C

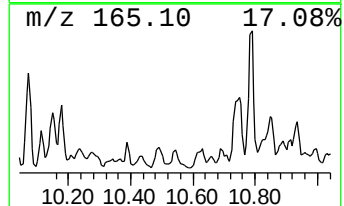
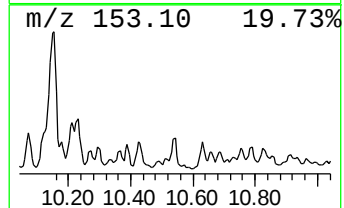
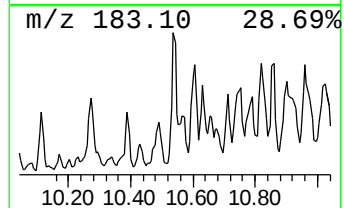
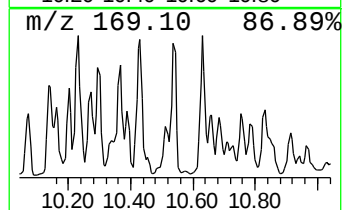
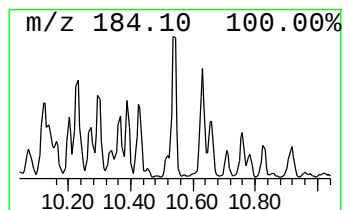
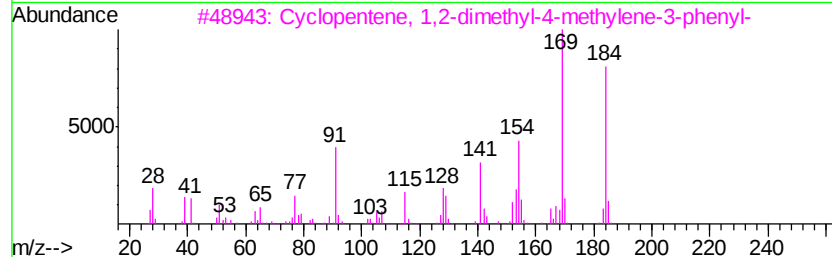
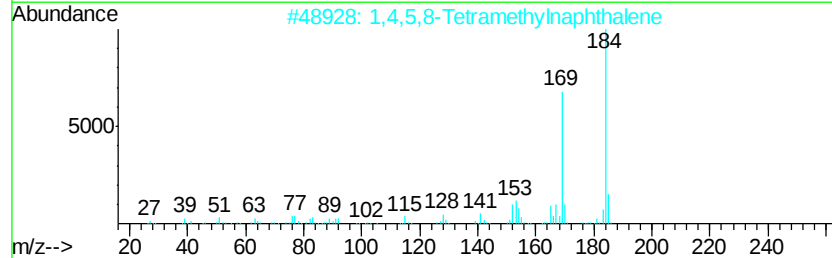
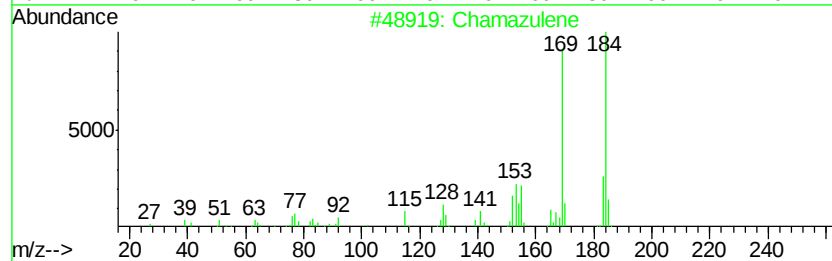
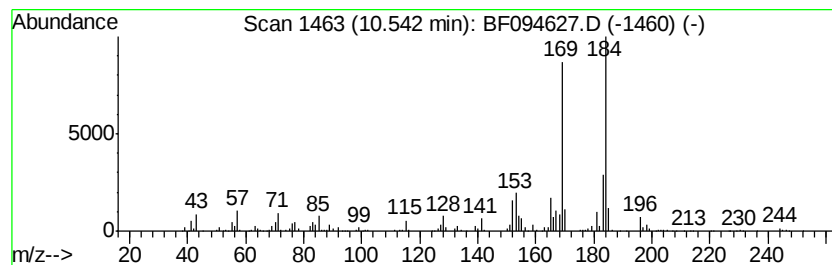
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Chamazulene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.54	26.35 ng	867142	Phenanthrene-d10	11.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Chamazulene	184	C14H16	000529-05-5	87
2		1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	76
3		Cyclopentene, 1,2-dimethyl-4-met...	184	C14H16	1000152-22-4	74
4		2,4,6(1H,3H,5H)-Pyrimidinetrione...	212	C10H16N2O3	000714-59-0	64
5		Phenol, 3,4,5-trimethoxy-	184	C9H12O4	000642-71-7	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042517\
Data File : BF094627.D
Acq On : 26 Apr 2017 2:26
Operator : SJ/MA
Sample : I2820-06
Misc :
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ClientSampleId :
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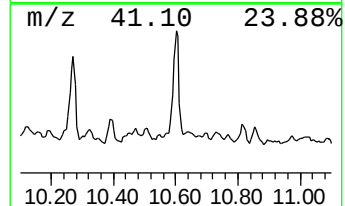
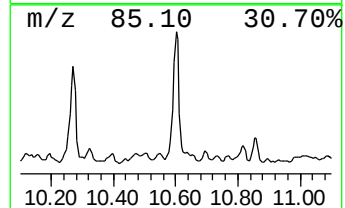
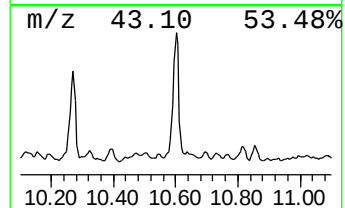
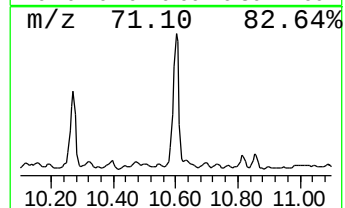
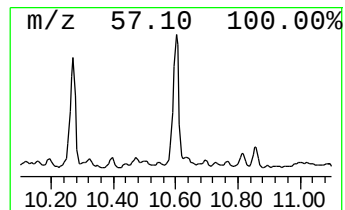
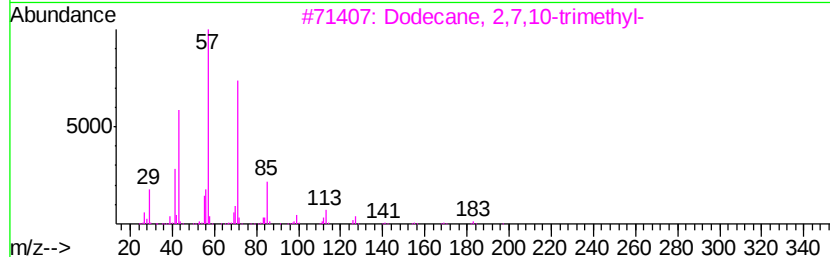
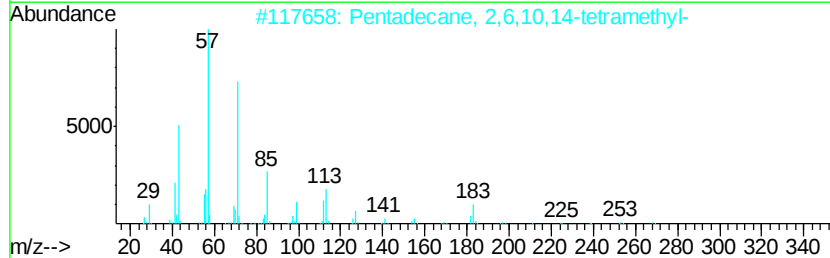
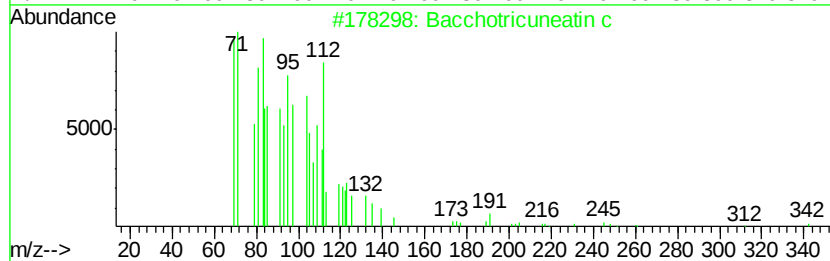
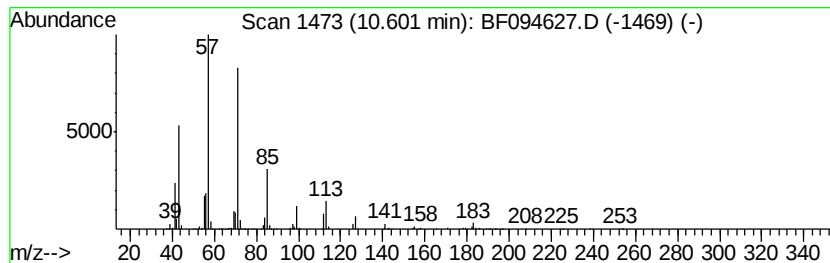
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Bacchotricuneatin c Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.60	116.60 ng	3837740	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bacchotricuneatin c	342	C20H22O5	066563-30-2	93
2	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	91
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
4	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	80
5	Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042517\
Data File : BF094627.D
Acq On : 26 Apr 2017 2:26
Operator : SJ/MA
Sample : I2820-06
Misc :
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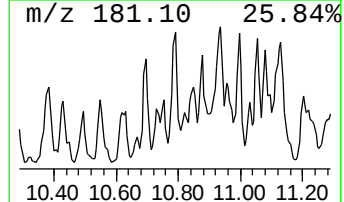
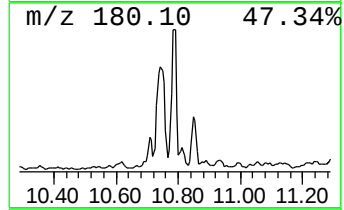
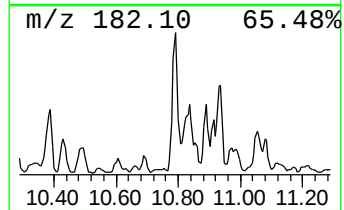
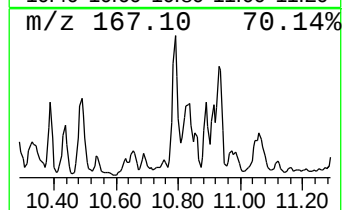
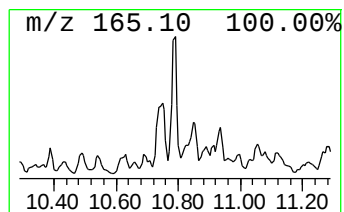
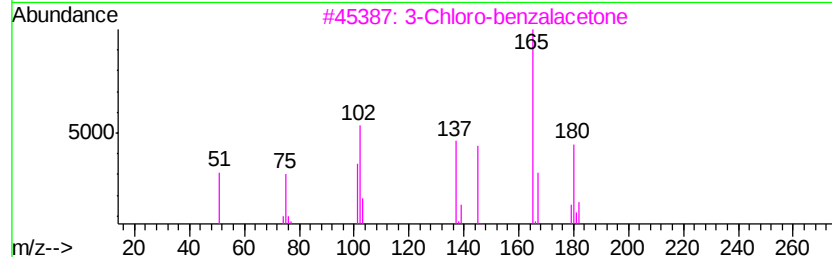
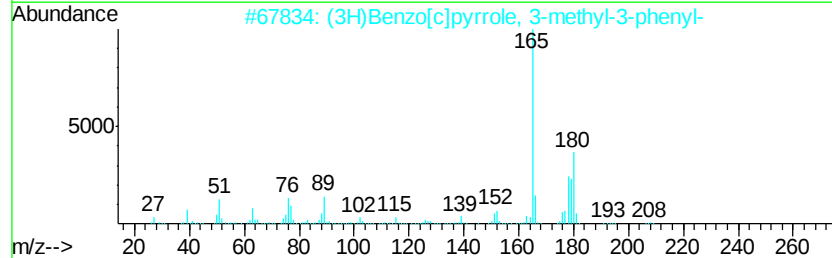
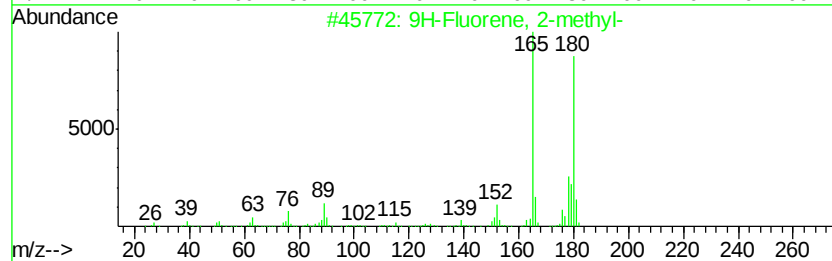
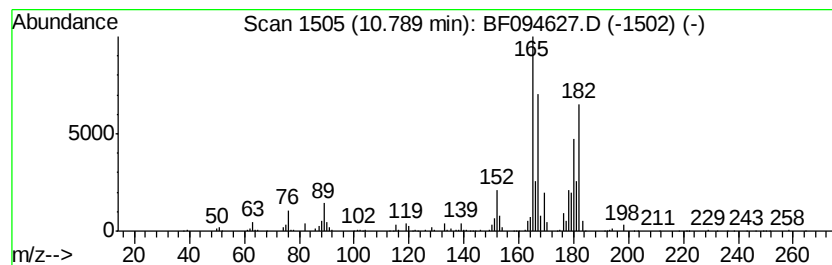
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown10.79 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.79	33.64 ng	1107370	Phenanthrene-d10	11.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	46
2		(3H)Benzo[c]pyrrole, 3-methyl-3-...	208	C14H12N2	059341-20-7	43
3		3-Chloro-benzalacetone	180	C10H9ClO	1000146-90-5	38
4		1,4-Methanonaphthalene,1,4-dihyd...	182	C14H14	007350-72-3	38
5		9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042517\
Data File : BF094627.D
Acq On : 26 Apr 2017 2:26
Operator : SJ/MA
Sample : I2820-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

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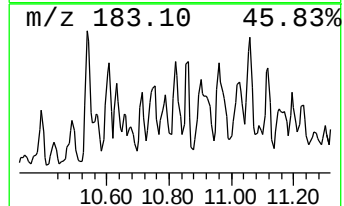
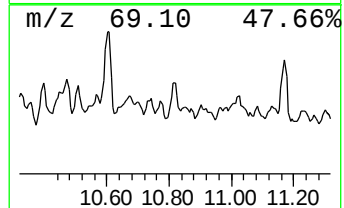
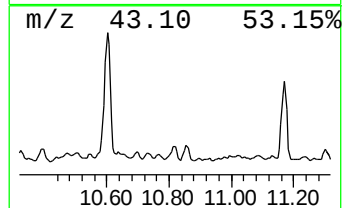
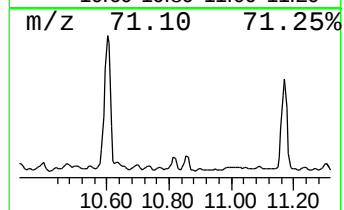
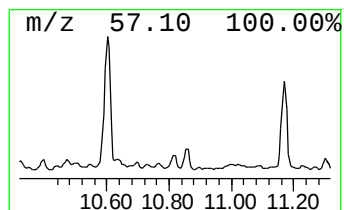
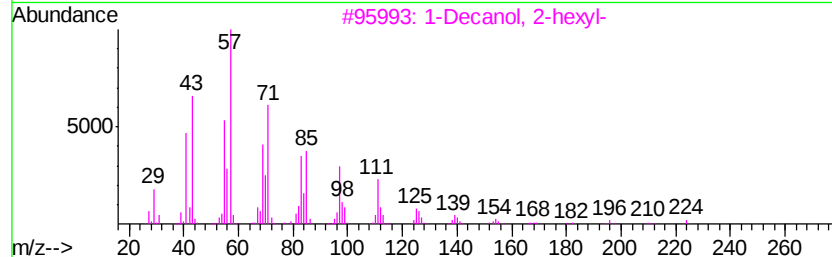
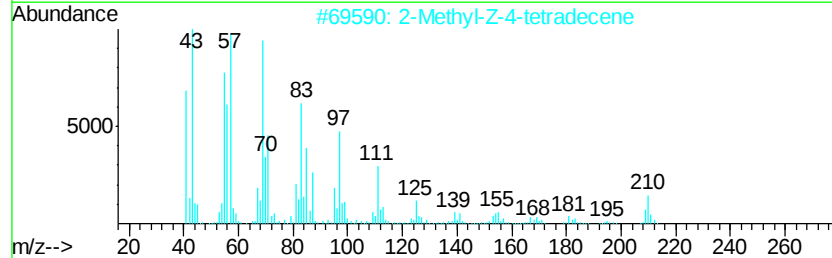
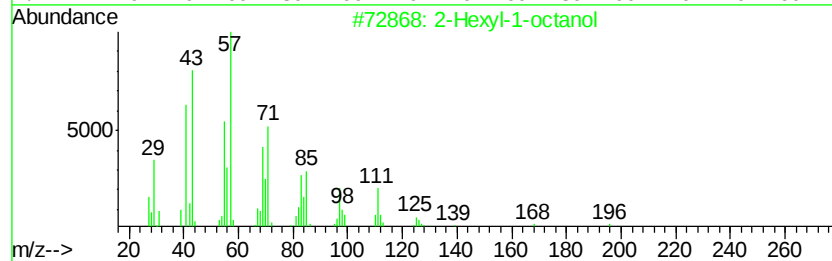
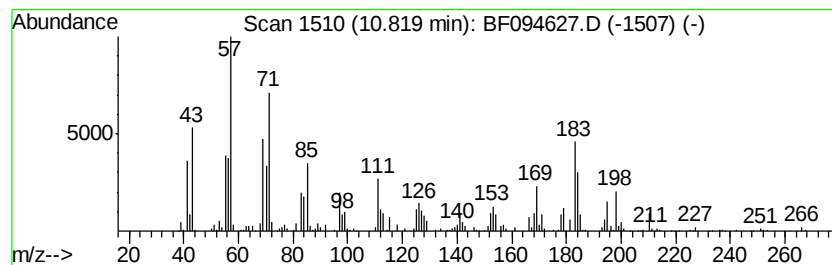
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown10.82 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.82	31.12 ng	1024210	Phenanthrene-d10	11.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Hexyl-1-octanol	214	C14H30O	019780-79-1	38
2		2-Methyl-Z-4-tetradecene	210	C15H30	1000130-78-3	30
3		1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	25
4		Eicosane, 3-methyl-	296	C21H44	006418-46-8	14
5		Tetradecane, 4-methyl-	212	C15H32	025117-24-2	14



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042517\
Data File : BF094627.D
Acq On : 26 Apr 2017 2:26
Operator : SJ/MA
Sample : I2820-06
Misc :
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ClientSampleId :
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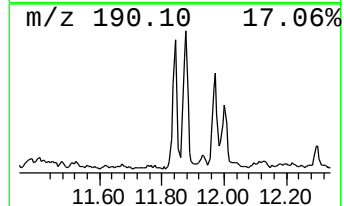
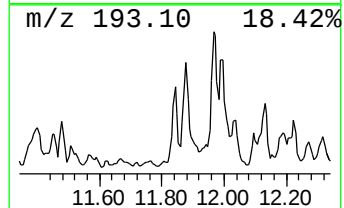
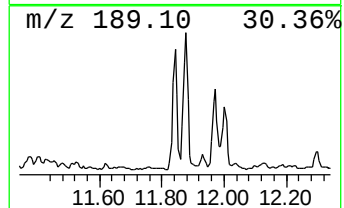
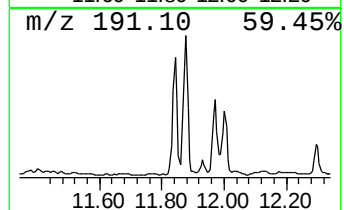
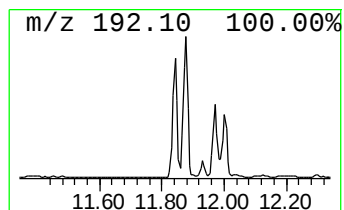
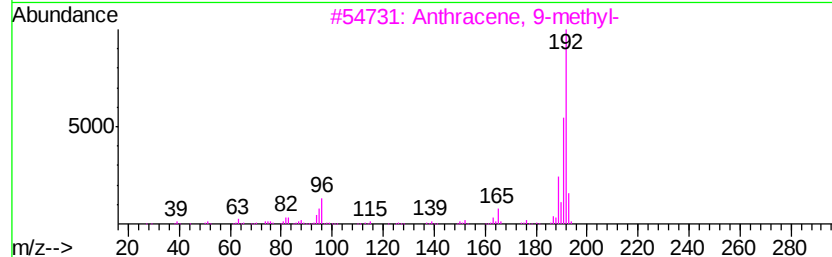
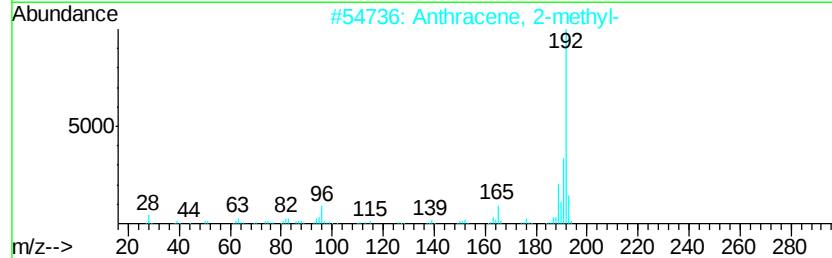
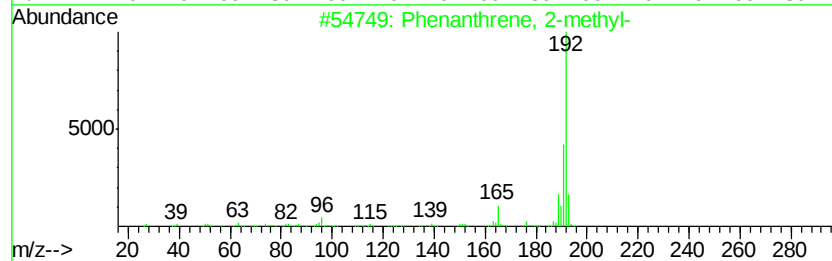
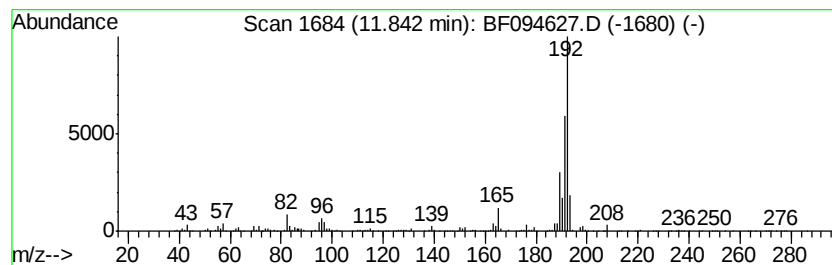
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Phenanthrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.84	33.00 ng	1086190	Phenanthrene-d10	11.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3		Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042517\
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 Sample : I2820-06
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HY-SB434C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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Octane, 4-ethyl-	5.14	27.1	ng	1186730	1	5.75	875466	20.0
Cyclohexane, 1-me...	5.47	22.3	ng	975481	1	5.75	875466	20.0
unknown5.51	5.51	83.5	ng	3653430	1	5.75	875466	20.0
Naphthalene, deca...	6.21	23.2	ng	1013720	1	5.75	875466	20.0
Naphthalene, 2,6-...	8.91	33.6	ng	3979270	3	9.40	2370230	20.0
Naphthalene, 2,3-...	9.00	38.1	ng	4511550	3	9.40	2370230	20.0
Naphthalene, 2-(1...	9.55	22.4	ng	2654410	3	9.40	2370230	20.0
Naphthalene, 2,3,...	9.67	22.9	ng	2709150	3	9.40	2370230	20.0
Pentadecane, 2,6,...	10.27	23.9	ng	2828190	3	9.40	2370230	20.0
Chamazulene	10.54	26.4	ng	867142	4	11.22	658289	20.0
Bacchotricuneatin c	10.60	116.6	ng	3837740	4	11.22	658289	20.0
unknown10.79	10.79	33.6	ng	1107370	4	11.22	658289	20.0
unknown10.82	10.82	31.1	ng	1024210	4	11.22	658289	20.0
Phenanthrene, 2-m...	11.84	33.0	ng	1086190	4	11.22	658289	20.0