

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
 Data File : BF077092.D
 Acq On : 27 Jan 2015 19:20
 Operator : TP/IZ
 Sample : G1137-10
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 104B3

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-BF011415.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.802	322	325	338	rVB	116690	239392	20.91%	1.069%
2	5.144	352	355	359	rVB	41376	76544	6.69%	0.342%
3	6.905	506	509	512	rVV	68301	109886	9.60%	0.491%
4	7.065	518	523	527	rBV	94827	155685	13.60%	0.695%
5	7.179	531	533	537	rBV	72624	146738	12.82%	0.655%
6	7.259	537	540	546	rVB	325924	552626	48.27%	2.468%
7	7.762	581	584	590	rBV	120669	197514	17.25%	0.882%
8	7.899	593	596	600	rVV	168843	291267	25.44%	1.301%
9	8.082	609	612	616	rVV	366427	622007	54.33%	2.777%
10	8.596	651	657	660	rBV2	74962	148143	12.94%	0.661%
11	8.722	665	668	675	rBV2	37436	82945	7.24%	0.370%
12	9.065	695	698	702	rBV	425803	698559	61.01%	3.119%
13	9.351	720	723	729	rVB3	68282	175036	15.29%	0.782%
14	9.602	742	745	747	rVV	57922	109637	9.58%	0.490%
15	9.659	747	750	753	rVB	83568	133964	11.70%	0.598%
16	9.934	769	774	776	rBV4	23491	75827	6.62%	0.339%
17	9.979	776	778	781	rVV2	42740	79840	6.97%	0.356%
18	10.048	781	784	787	rVB3	36682	89077	7.78%	0.398%
19	10.116	787	790	792	rBV	168954	275563	24.07%	1.230%
20	10.162	792	794	796	rVB	80349	113690	9.93%	0.508%
21	10.208	796	798	804	rVB4	31582	73412	6.41%	0.328%
22	10.334	804	809	811	rBV2	112039	250515	21.88%	1.119%
23	10.391	811	814	819	rVB3	46656	110116	9.62%	0.492%
24	10.676	833	839	842	rBV	181741	333713	29.15%	1.490%
25	10.745	842	845	848	rBV	64510	125451	10.96%	0.560%
26	10.871	853	856	860	rVB	70570	131504	11.49%	0.587%
27	10.951	860	863	868	rVB	117597	196775	17.19%	0.879%
28	11.134	876	879	882	rBV	45403	84430	7.37%	0.377%
29	11.191	882	884	887	rVB	50436	78187	6.83%	0.349%
30	11.419	901	904	912	rBV3	64888	180773	15.79%	0.807%
31	11.579	912	918	924	rVB9	32039	121343	10.60%	0.542%
32	11.682	924	927	928	rBV	45878	83038	7.25%	0.371%
33	11.831	935	940	944	rBV2	67496	241482	21.09%	1.078%
34	11.934	946	949	952	rVV	124308	250248	21.86%	1.117%

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35	12.002	952	955	957	rVV	58505	115346	10.07%	0.515%
36	12.082	957	962	963	rVV2	32909	83308	7.28%	0.372%
37	12.128	965	966	971	rVB3	64094	118650	10.36%	0.530%
38	12.277	975	979	985	rVB3	83472	240091	20.97%	1.072%
39	12.414	985	991	996	rVB	183896	390235	34.08%	1.742%
40	12.597	1001	1007	1009	rBV	201675	325549	28.43%	1.454%
41	12.711	1015	1017	1020	rVB2	55091	89893	7.85%	0.401%
42	12.860	1026	1030	1032	rBV2	41356	102590	8.96%	0.458%
43	13.020	1042	1044	1049	rBV4	52041	117596	10.27%	0.525%
44	13.122	1049	1053	1058	rVB6	34620	109816	9.59%	0.490%
45	13.282	1064	1067	1069	rVV2	73297	154594	13.50%	0.690%
46	13.328	1069	1071	1075	rVV	560367	984179	85.96%	4.395%
47	13.431	1077	1080	1083	rVV2	89687	165745	14.48%	0.740%
48	13.660	1097	1100	1102	rBV	62153	131386	11.48%	0.587%
49	13.694	1102	1103	1106	rVV3	42838	97395	8.51%	0.435%
50	13.774	1106	1110	1113	rVV	241571	485045	42.36%	2.166%
51	13.877	1116	1119	1129	rVB	138497	443685	38.75%	1.981%
52	14.060	1131	1135	1137	rVV	255339	515889	45.06%	2.304%
53	14.117	1137	1140	1147	rVV	190797	385191	33.64%	1.720%
54	14.311	1153	1157	1159	rVV3	67503	183122	15.99%	0.818%
55	14.403	1162	1165	1171	rVV5	60883	169290	14.79%	0.756%
56	14.505	1171	1174	1175	rVV2	64505	127539	11.14%	0.569%
57	14.540	1175	1177	1179	rVV	77367	126054	11.01%	0.563%
58	14.677	1186	1189	1193	rVV3	36309	97977	8.56%	0.437%
59	14.803	1196	1200	1204	rVB	195163	344323	30.07%	1.537%
60	14.883	1204	1207	1210	rBV3	41154	101983	8.91%	0.455%
61	14.963	1210	1214	1218	rVV5	32830	105946	9.25%	0.473%
62	15.043	1218	1221	1226	rVV	265956	522186	45.61%	2.332%
63	15.145	1226	1230	1234	rVV4	72182	218884	19.12%	0.977%
64	15.386	1249	1251	1253	rVV	69311	110412	9.64%	0.493%
65	15.466	1253	1258	1262	rVB	77382	150936	13.18%	0.674%
66	15.637	1267	1273	1276	rBV2	84163	300319	26.23%	1.341%
67	15.797	1284	1287	1288	rBV2	63604	100562	8.78%	0.449%
68	15.980	1300	1303	1306	rBV	99208	167401	14.62%	0.747%
69	16.060	1306	1310	1314	rVV2	69035	167534	14.63%	0.748%
70	16.163	1314	1319	1327	rVV	397966	760162	66.39%	3.394%
71	16.311	1327	1332	1335	rVV3	91713	169525	14.81%	0.757%

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72	16.517	1348	1350	1352	rBV	351332	560523	48.96%	2.503%
73	16.563	1352	1354	1357	rVV	97178	189719	16.57%	0.847%
74	16.666	1360	1363	1366	rBV4	33638	112132	9.79%	0.501%
75	16.871	1376	1381	1384	rBV6	42838	85094	7.43%	0.380%
76	17.009	1390	1393	1397	rVV	383376	846389	73.92%	3.779%
77	17.100	1400	1401	1404	rVV	87355	127920	11.17%	0.571%
78	17.180	1404	1408	1411	rVV5	37563	119574	10.44%	0.534%
79	17.294	1416	1418	1421	rVV2	42210	113167	9.88%	0.505%
80	17.363	1421	1424	1426	rVV3	43391	73052	6.38%	0.326%
81	17.466	1429	1433	1435	rBV4	55440	121993	10.65%	0.545%
82	17.637	1445	1448	1450	rBV	262075	338053	29.53%	1.509%
83	17.694	1452	1453	1455	rVV	233578	330756	28.89%	1.477%
84	17.740	1455	1457	1461	rVB	134873	203791	17.80%	0.910%
85	17.889	1469	1470	1474	rVB4	39202	75864	6.63%	0.339%
86	18.243	1499	1501	1504	rVB2	57112	98145	8.57%	0.438%
87	18.311	1504	1507	1509	rBV	285918	351387	30.69%	1.569%
88	18.380	1512	1513	1515	rVV	54636	81670	7.13%	0.365%
89	18.414	1515	1516	1520	rVV2	53637	124067	10.84%	0.554%
90	18.529	1524	1526	1527	rVV	51745	74405	6.50%	0.332%
91	18.563	1527	1529	1533	rVB	54987	101957	8.90%	0.455%
92	18.643	1533	1536	1539	rBV3	48930	108717	9.50%	0.485%
93	18.712	1539	1542	1548	rVB5	24019	76200	6.66%	0.340%
94	18.860	1553	1555	1558	rVB	220344	242329	21.16%	1.082%
95	19.146	1576	1580	1582	rBV2	46215	95449	8.34%	0.426%
96	19.374	1597	1600	1603	rVB	140503	175996	15.37%	0.786%
97	19.877	1639	1644	1647	rVB	976457	1144955	100.00%	5.112%
98	20.300	1679	1681	1684	rBV	66840	75129	6.56%	0.335%
99	21.135	1751	1754	1757	rBV	273522	444460	38.82%	1.985%
100	22.792	1896	1899	1902	rVB	232812	287520	25.11%	1.284%

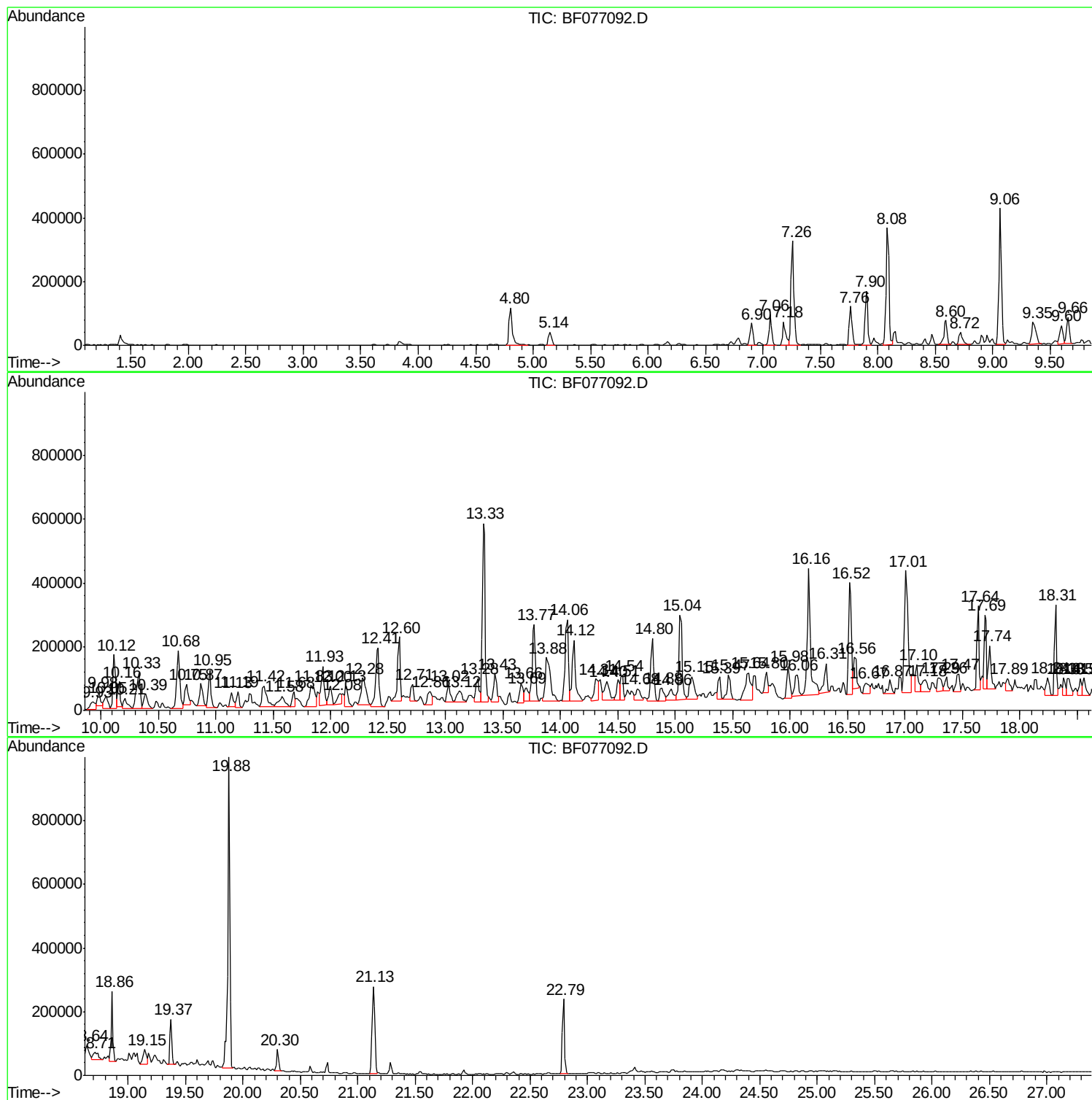
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ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
104B3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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Instrument :
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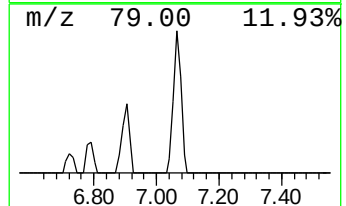
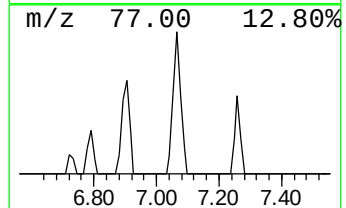
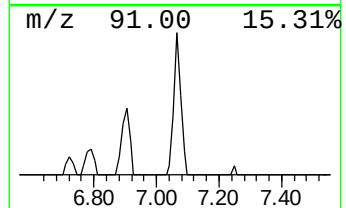
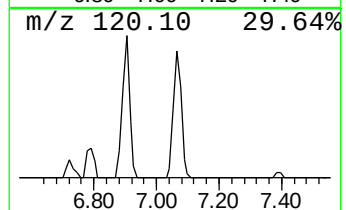
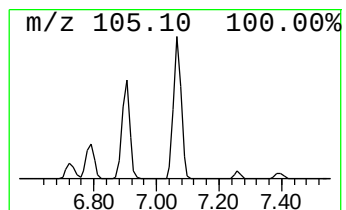
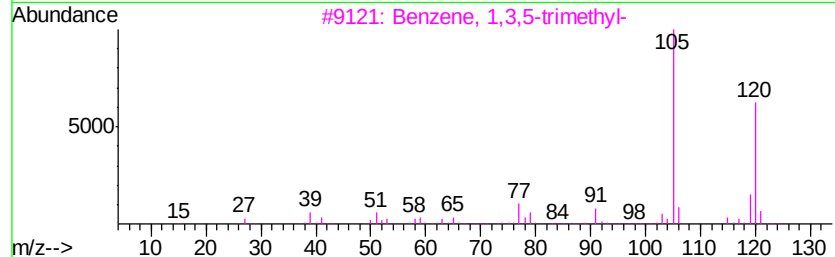
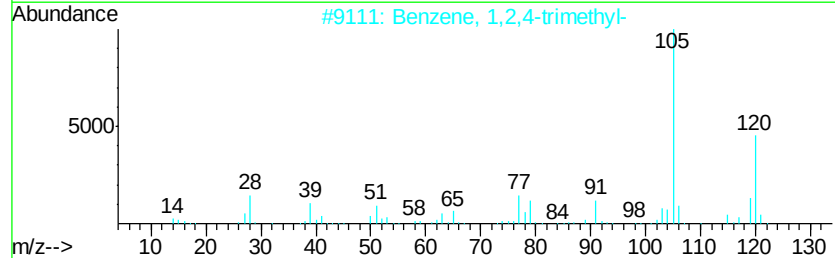
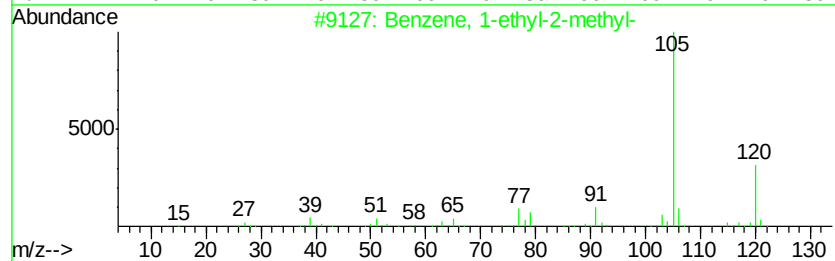
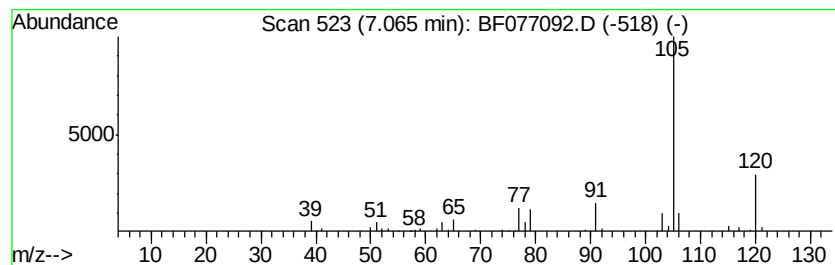
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Benzene, 1-ethyl-2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.06	15.76 ng	155685	1,4-Dichlorobenzene-d4	7.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
3		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
4		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91



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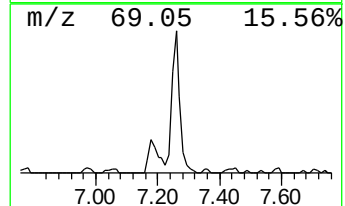
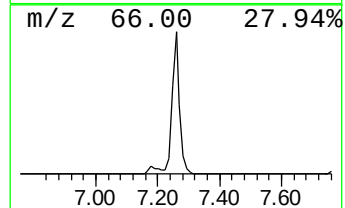
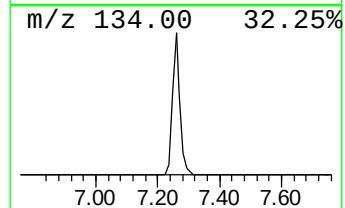
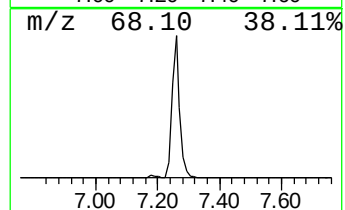
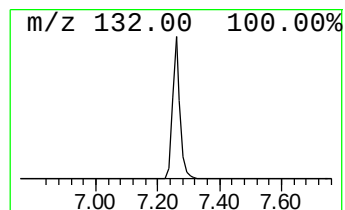
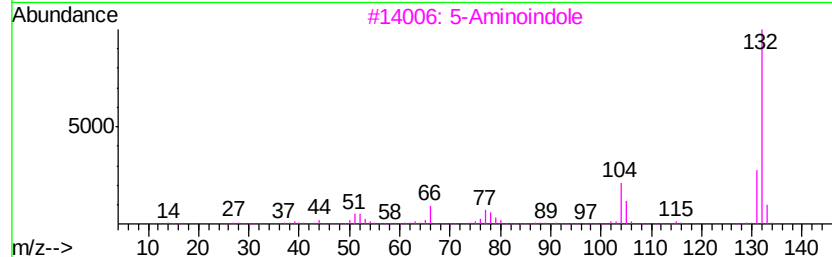
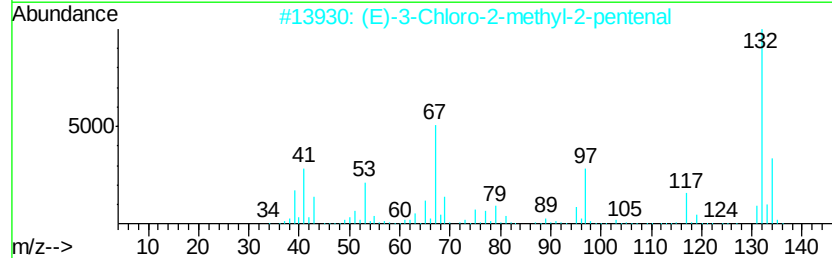
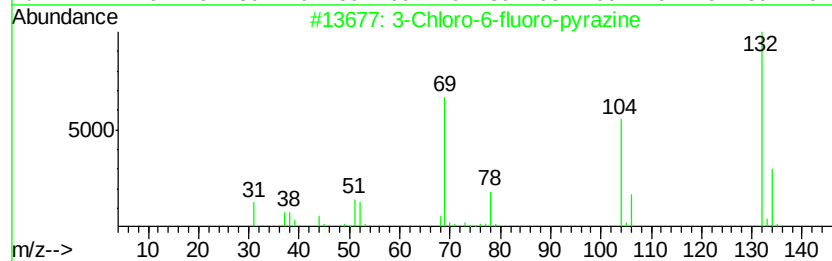
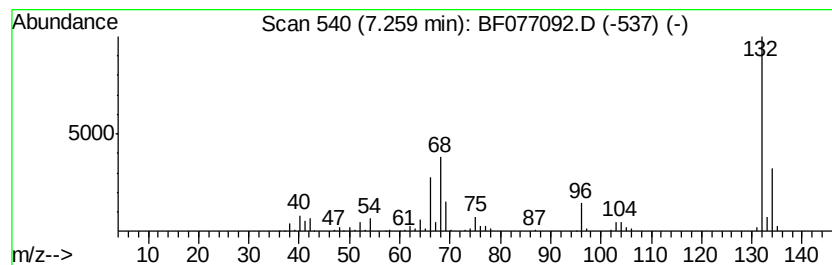
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown7.26 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.26	55.96 ng	552626	1,4-Dichlorobenzene-d4	7.76

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	16
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9



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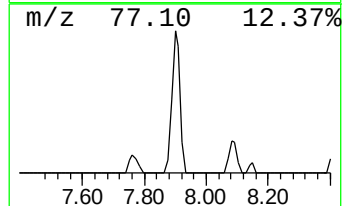
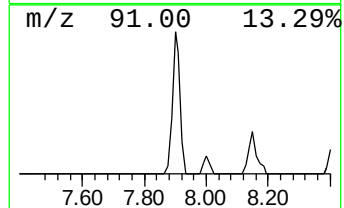
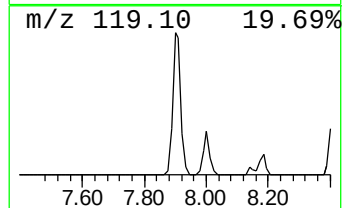
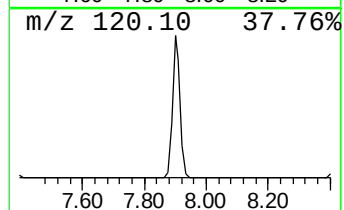
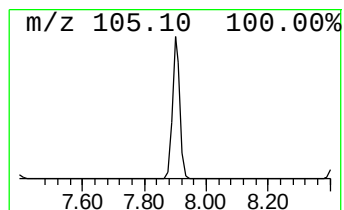
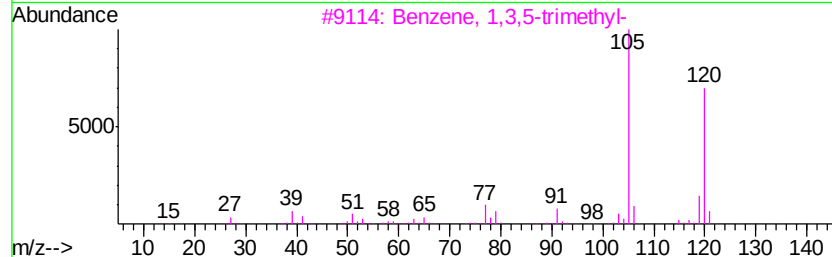
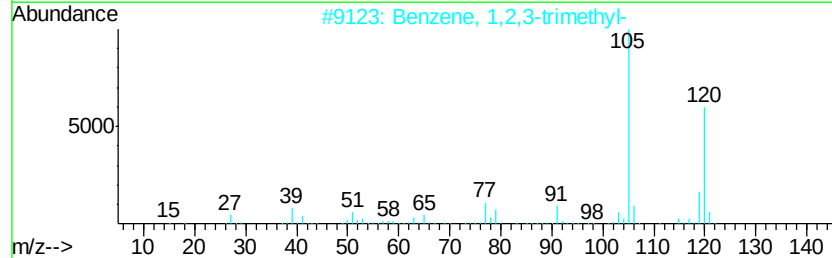
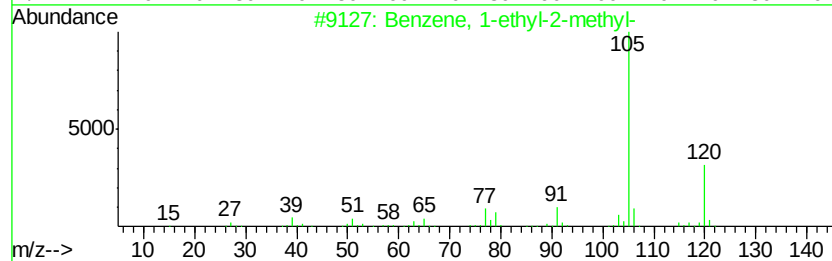
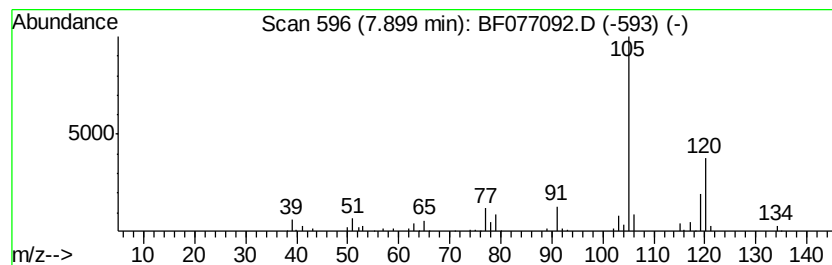
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1,2,3-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.90	29.49 ng	291267	1,4-Dichlorobenzene-d4	7.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
2		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	81
3		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	76
4		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	76
5		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	76



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
Data File : BF077092.D
Acq On : 27 Jan 2015 19:20
Operator : TP/IZ
Sample : G1137-10
Misc :
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Instrument :
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ClientSampleId :
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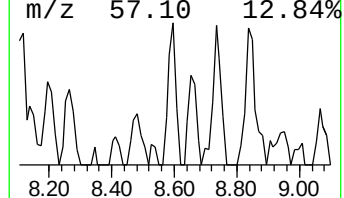
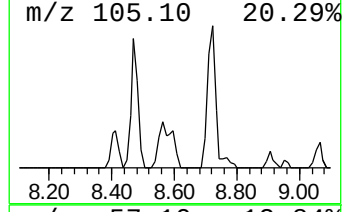
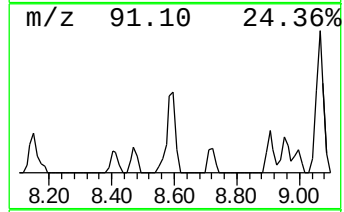
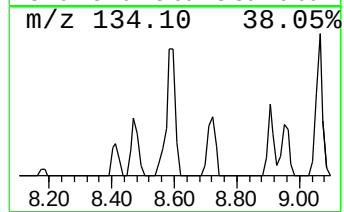
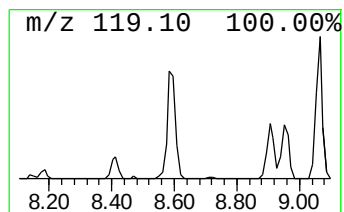
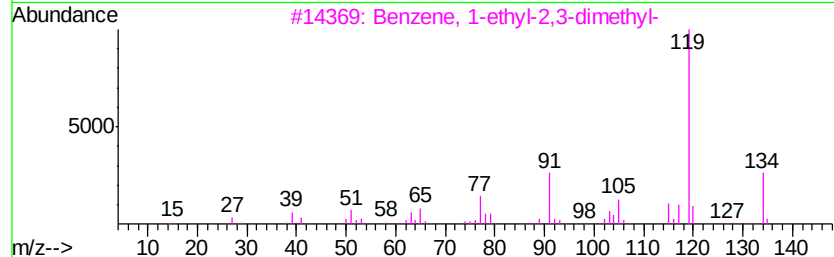
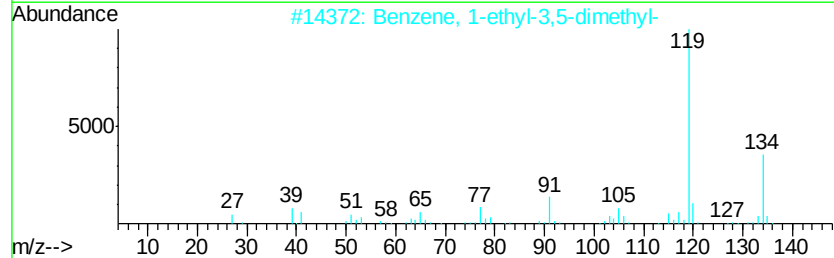
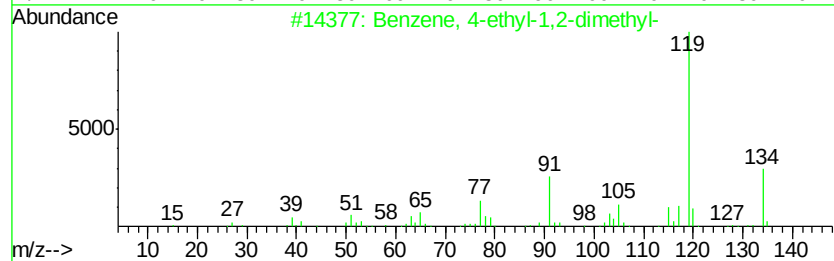
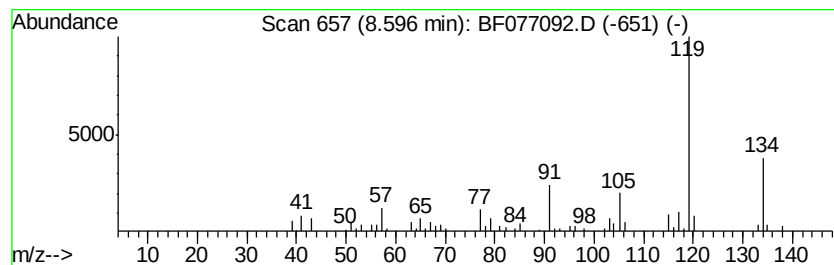
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.60	15.00 ng	148143	1,4-Dichlorobenzene-d4	7.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene,	4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94	
2	Benzene,	1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94	
3	Benzene,	1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93	
4	Benzene,	1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93	
5	Benzene,	2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93	



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
Data File : BF077092.D
Acq On : 27 Jan 2015 19:20
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ClientSampleId :
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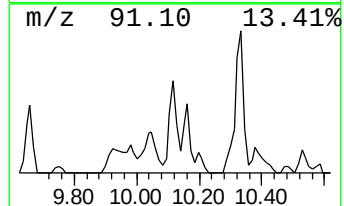
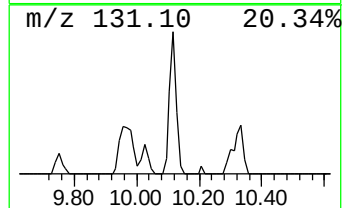
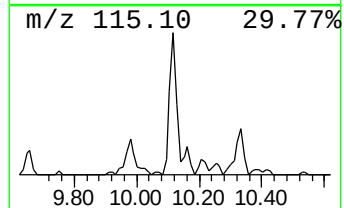
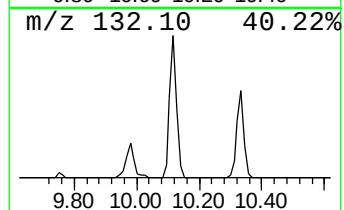
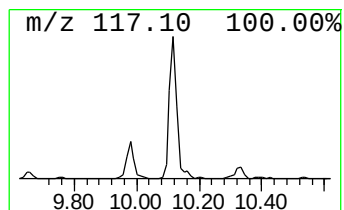
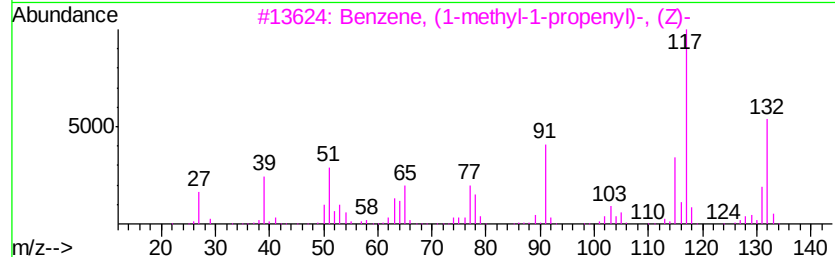
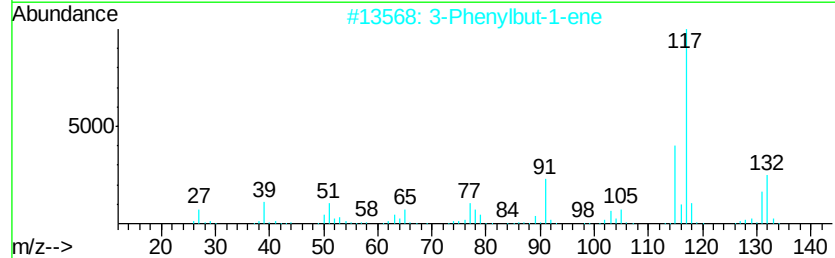
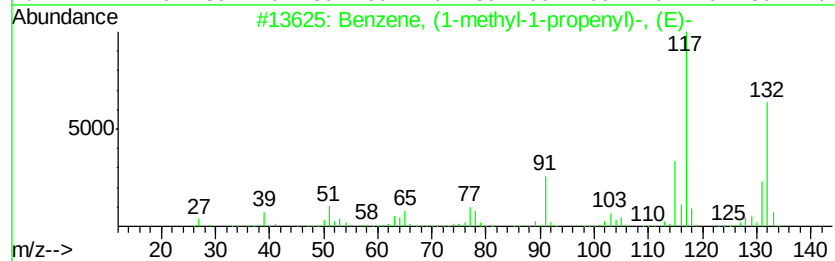
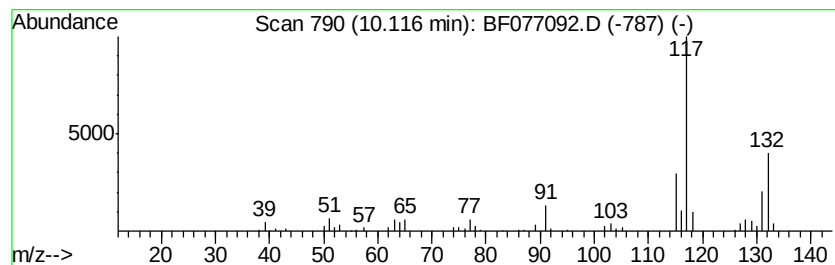
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Benzene, (1-methyl-1-propen... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.12	16.52 ng	275563	Napthalene-d8	10.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	91
2		3-Phenylbut-1-ene	132	C10H12	000934-10-1	91
3		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	91
4		Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	90
5		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
Data File : BF077092.D
Acq On : 27 Jan 2015 19:20
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Sample : G1137-10
Misc :
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ClientSampleId :
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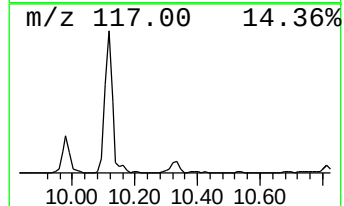
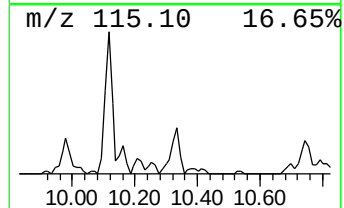
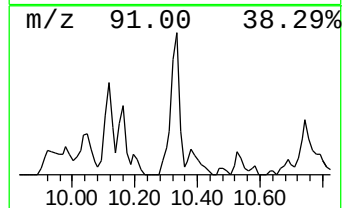
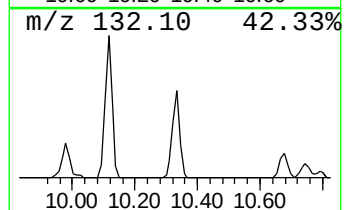
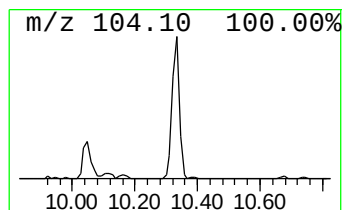
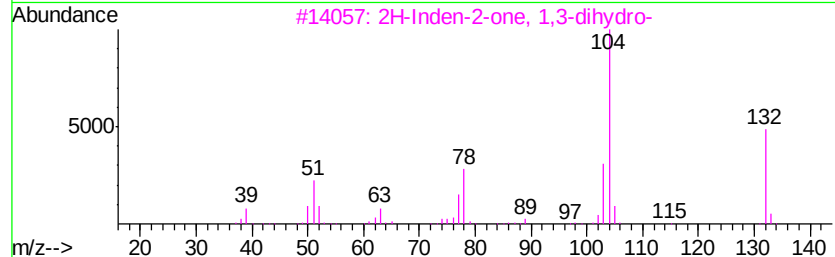
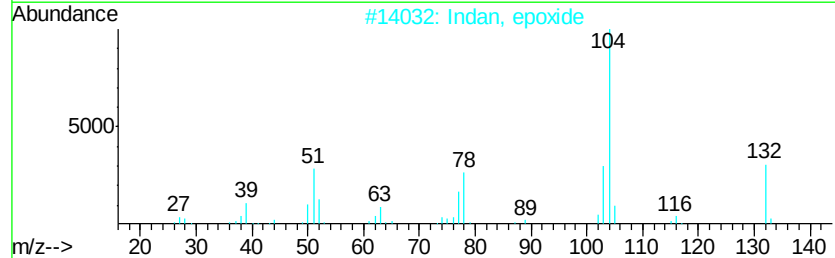
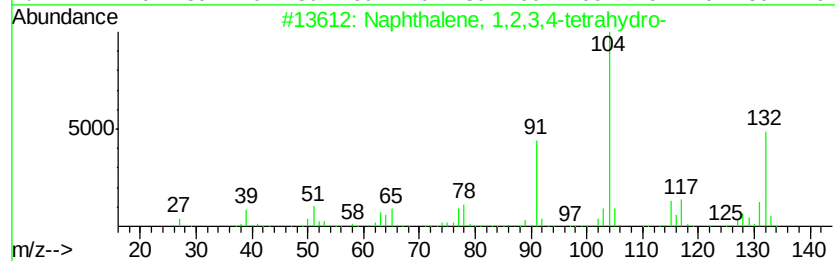
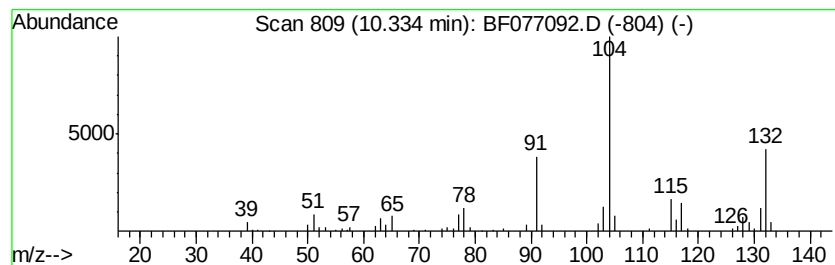
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Naphthalene, 1,2,3,4-tetra... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	15.01 ng	250515	Naphthalene-d8	10.68

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	96
2			Indan, epoxide	132	C9H8O	000768-22-9	62
3			2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	58
4			Benzene, cyclobutyl-	132	C10H12	004392-30-7	53
5			Benzene, 1,1'-(1,2-cyclobutanedi...	208	C16H16	007694-30-6	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
Data File : BF077092.D
Acq On : 27 Jan 2015 19:20
Operator : TP/IZ
Sample : G1137-10
Misc :
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Instrument :
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ClientSampleId :
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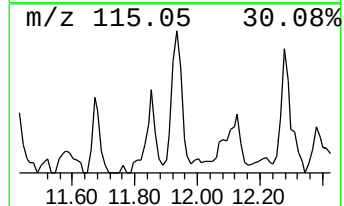
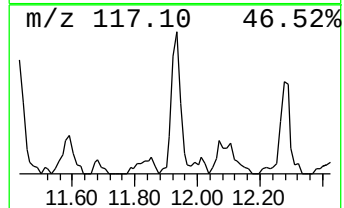
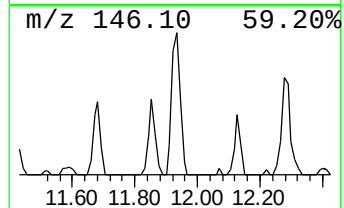
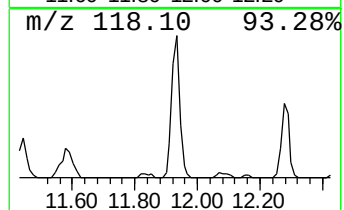
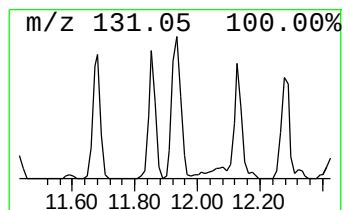
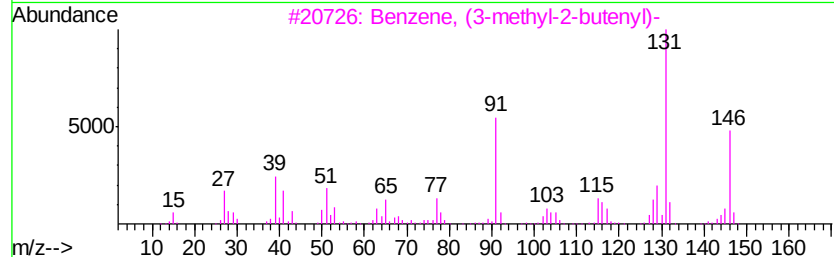
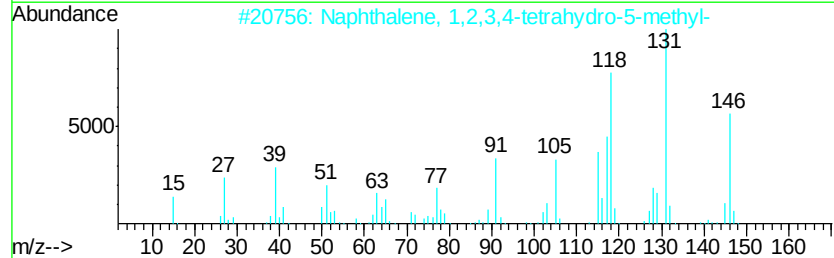
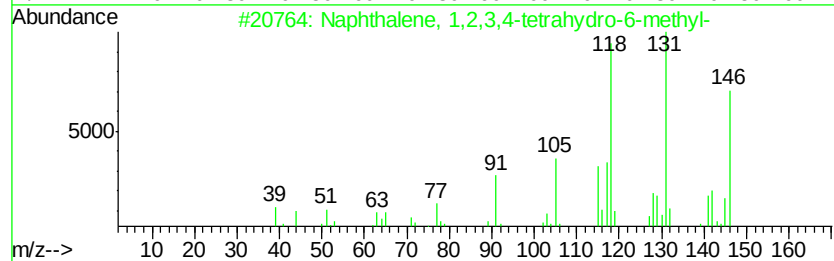
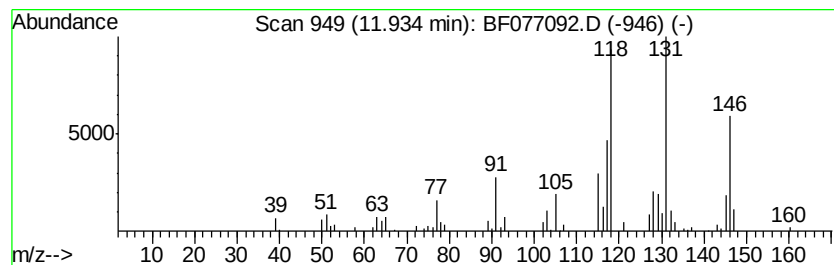
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	15.00 ng	250248	Naphthalene-d8	10.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	95
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	95
3		Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	60
4		1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	60
5		Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	55



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
Data File : BF077092.D
Acq On : 27 Jan 2015 19:20
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Sample : G1137-10
Misc :
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ClientSampleId :
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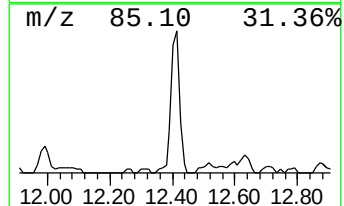
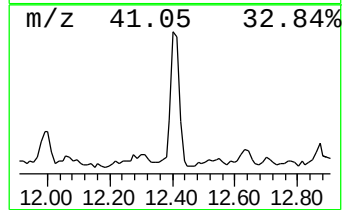
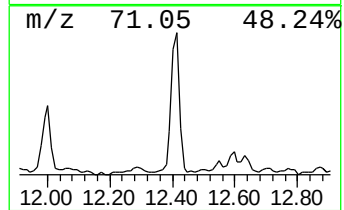
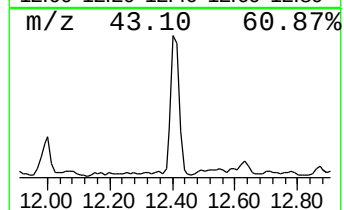
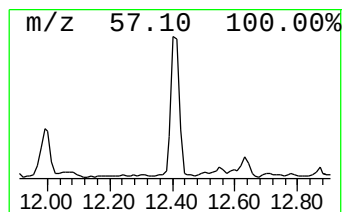
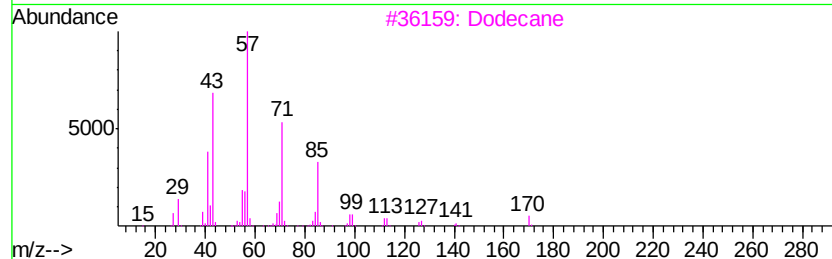
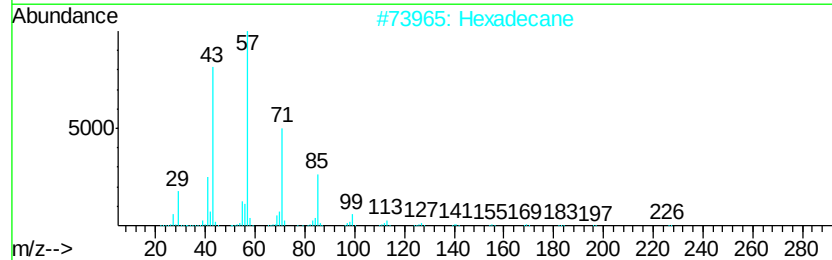
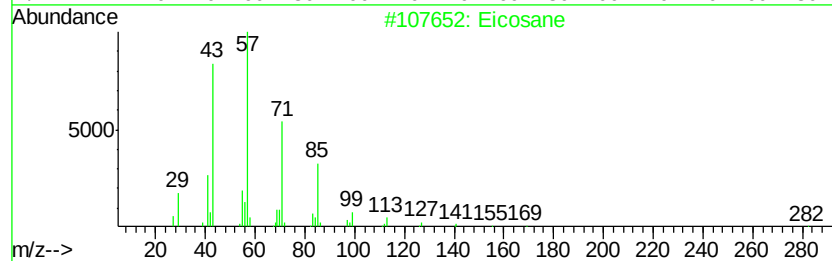
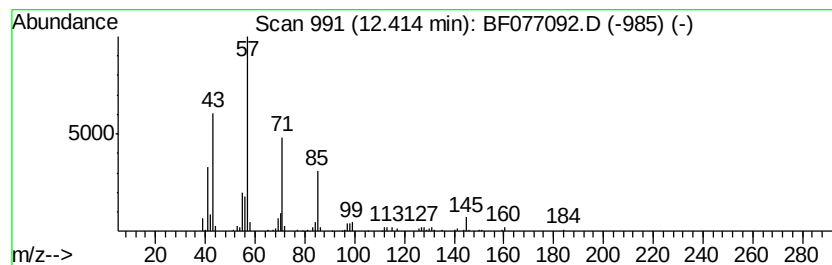
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Eicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.41	23.39 ng	390235	Naphthalene-d8	10.68

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	86
2	Hexadecane		226	C16H34	000544-76-3	86
3	Dodecane		170	C12H26	000112-40-3	78
4	Tridecane		184	C13H28	000629-50-5	76
5	Undecane, 2,6-dimethyl-		184	C13H28	017301-23-4	68



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
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Acq On : 27 Jan 2015 19:20
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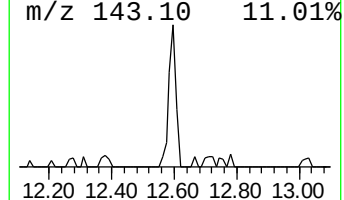
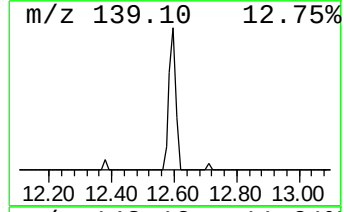
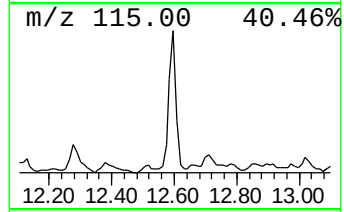
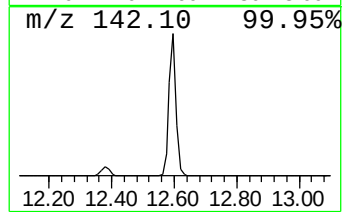
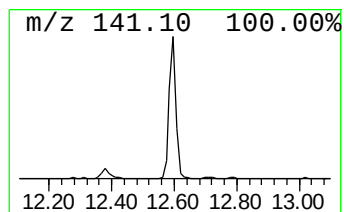
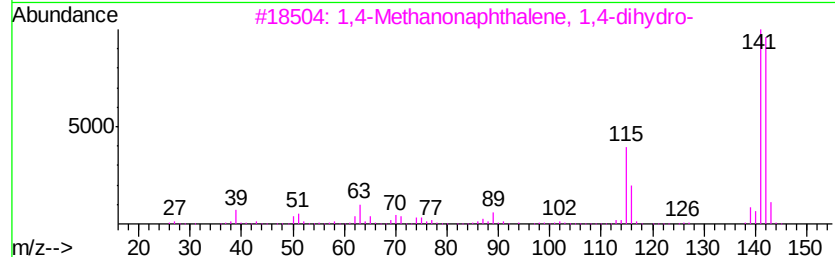
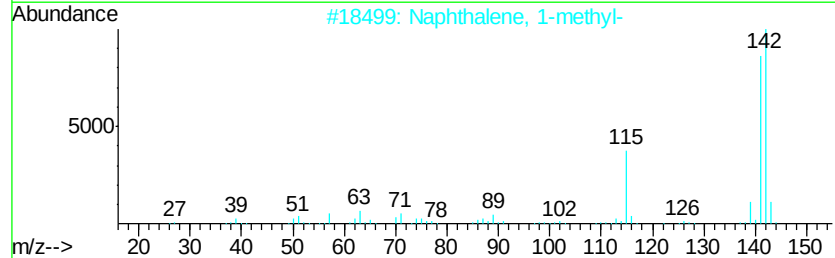
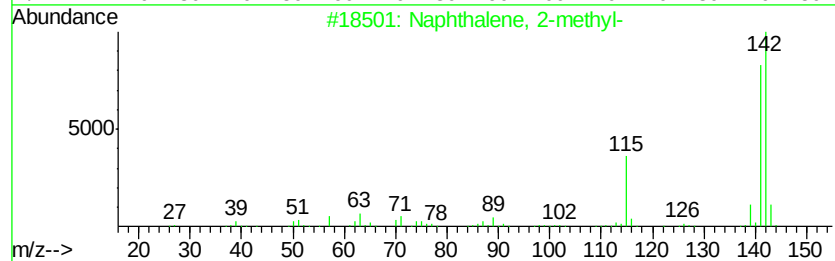
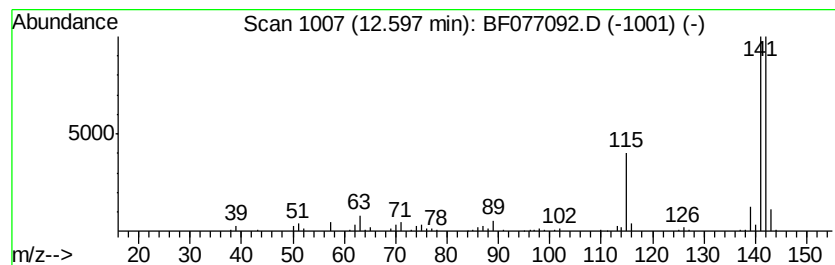
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Naphthalene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.60	19.51 ng	325549	Naphthalene-d8	10.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
4		Benzocycloheptatriene	142	C11H10	000264-09-5	94
5		Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
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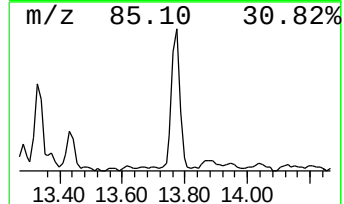
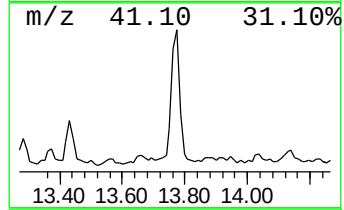
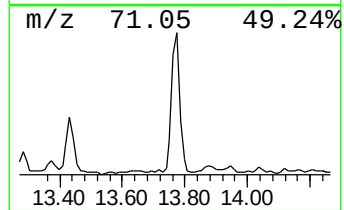
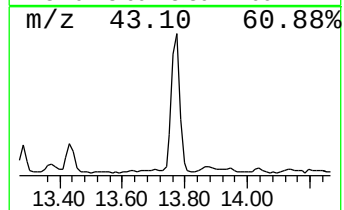
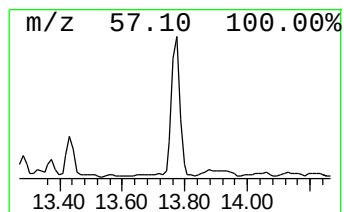
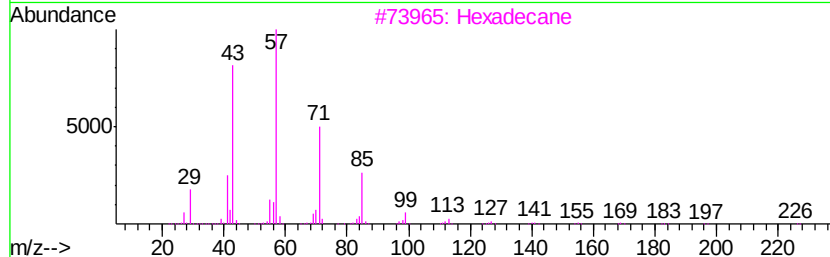
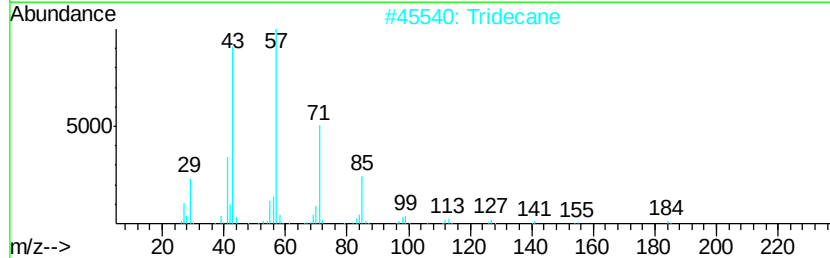
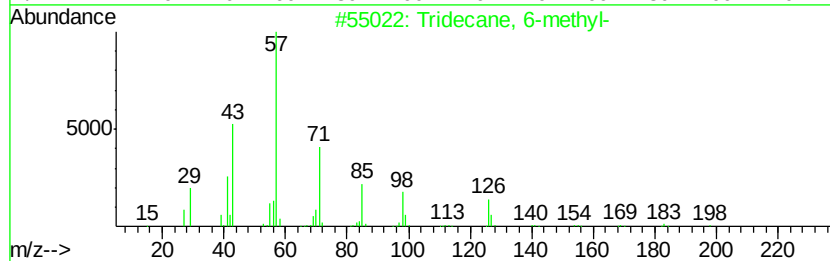
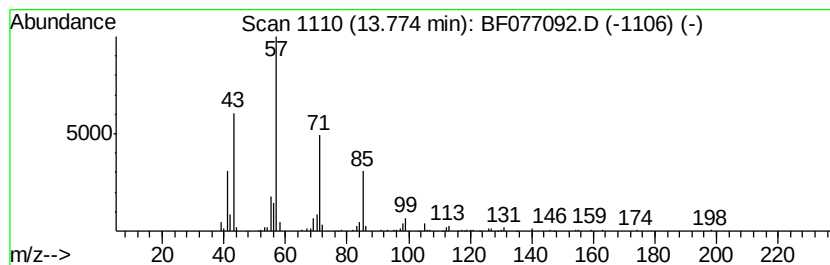
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Tridecane, 6-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	28.17 ng	485045	Acenaphthene-d10	14.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	90
2		Tridecane	184	C13H28	000629-50-5	86
3		Hexadecane	226	C16H34	000544-76-3	86
4		Tetradecane	198	C14H30	000629-59-4	80
5		Dodecane	170	C12H26	000112-40-3	78



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
Data File : BF077092.D
Acq On : 27 Jan 2015 19:20
Operator : TP/IZ
Sample : G1137-10
Misc :
ALS Vial : 44 Sample Multiplier: 1

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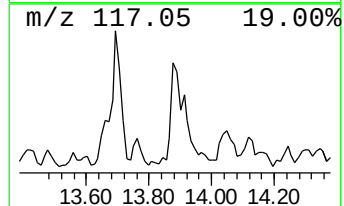
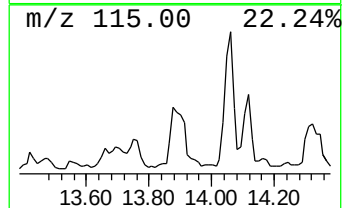
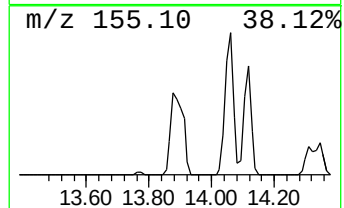
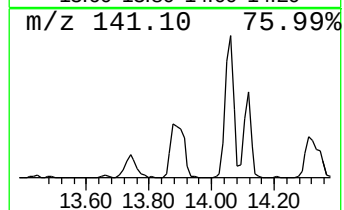
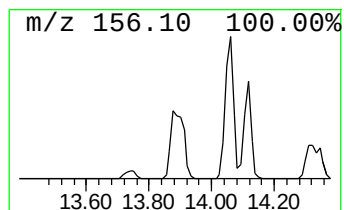
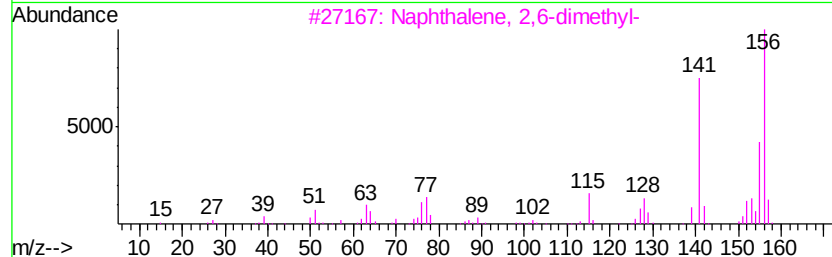
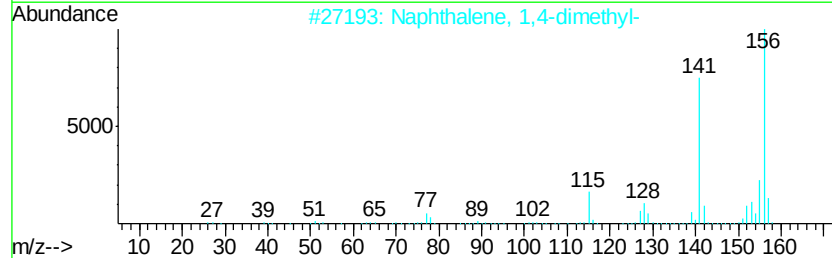
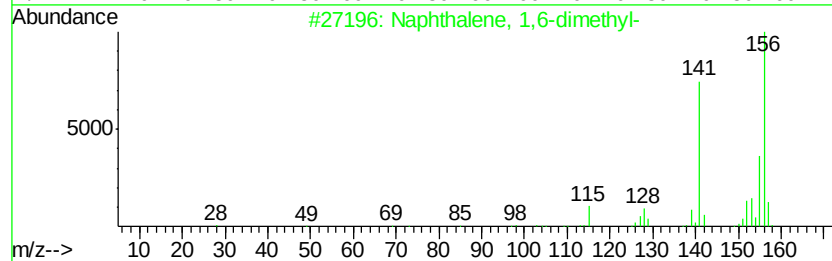
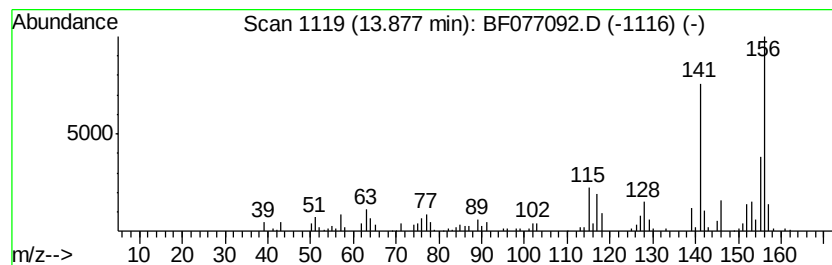
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Naphthalene, 1,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	25.77 ng	443685	Acenaphthene-d10	14.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
3		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
4		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	94
5		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
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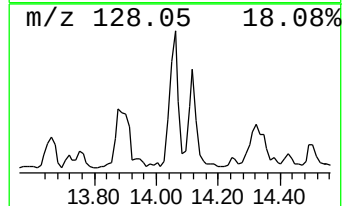
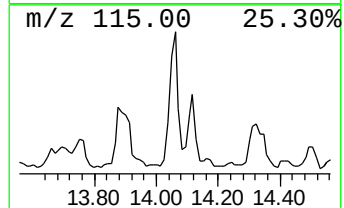
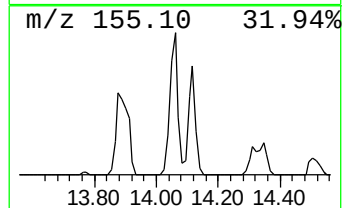
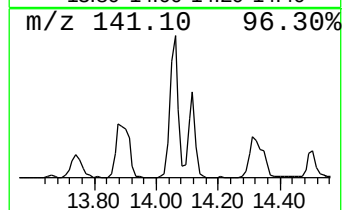
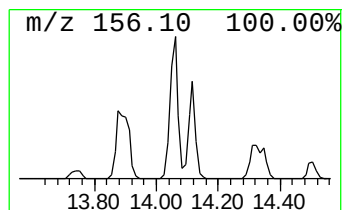
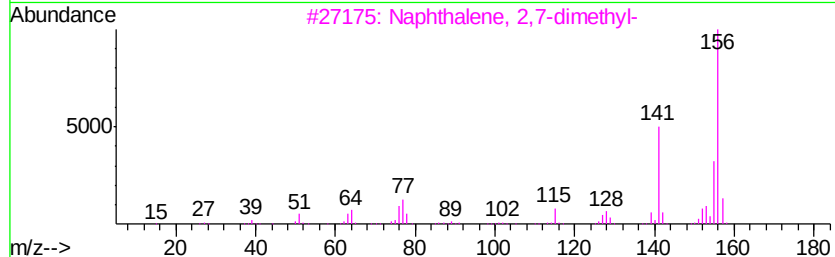
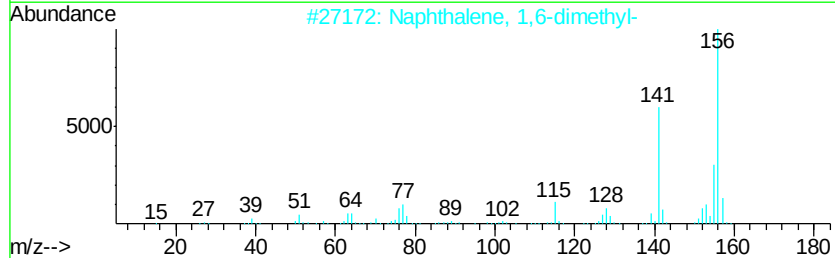
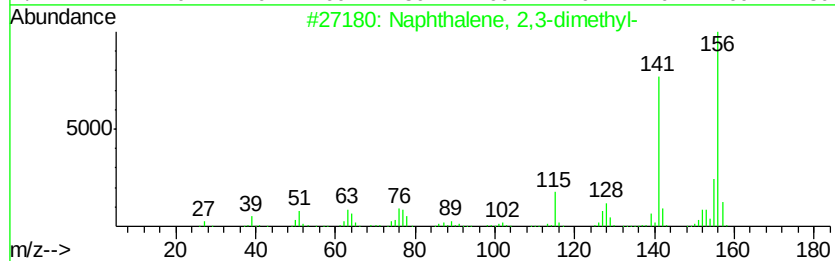
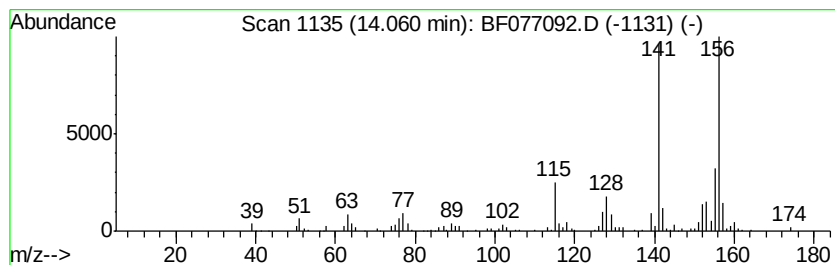
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD		R.T.		
14.06	29.97 ng	515889	Acenaphthene-d10		14.80		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
Data File : BF077092.D
Acq On : 27 Jan 2015 19:20
Operator : TP/IZ
Sample : G1137-10
Misc :
ALS Vial : 44 Sample Multiplier: 1

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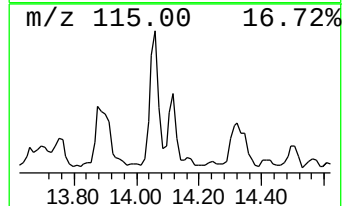
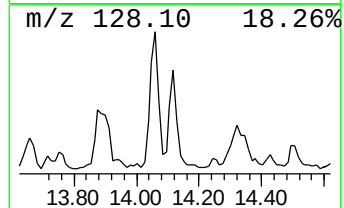
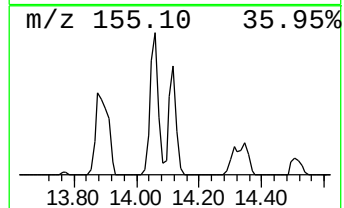
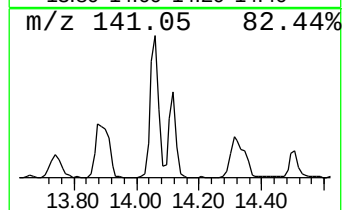
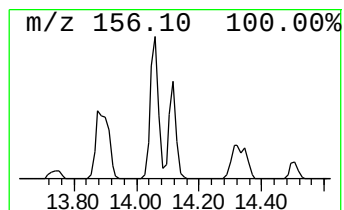
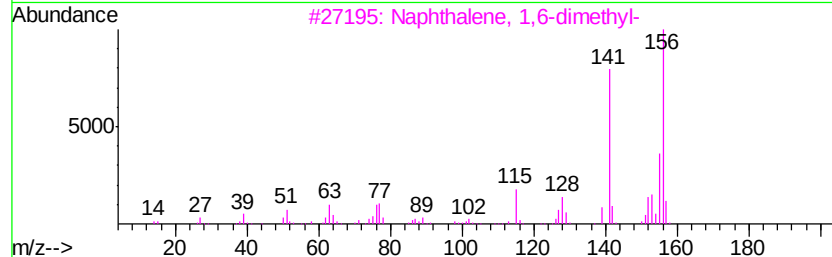
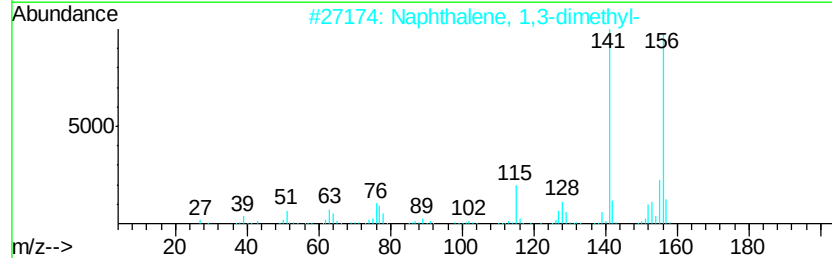
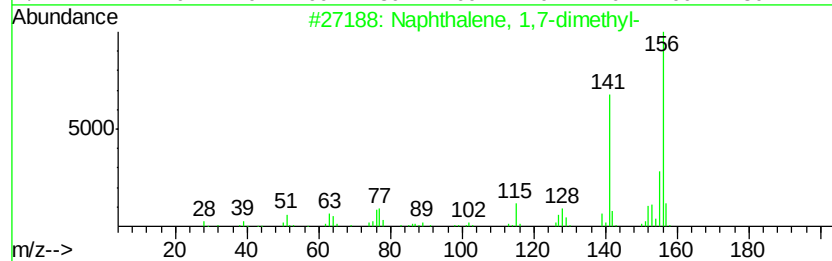
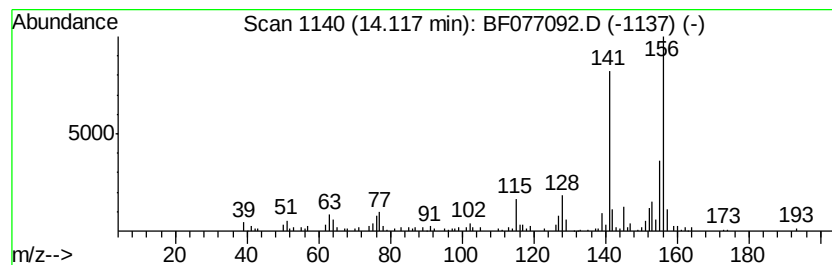
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Naphthalene, 1,7-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.12	22.37 ng	385191	Acenaphthene-d10	14.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
2		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
5		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
Data File : BF077092.D
Acq On : 27 Jan 2015 19:20
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Misc :
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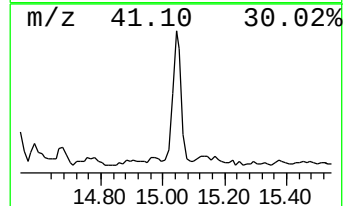
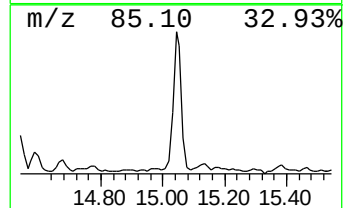
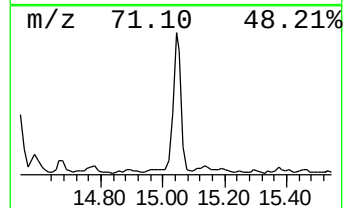
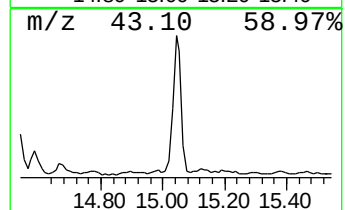
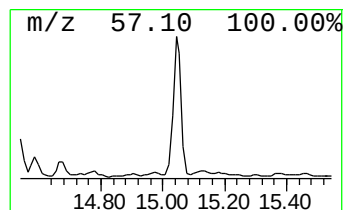
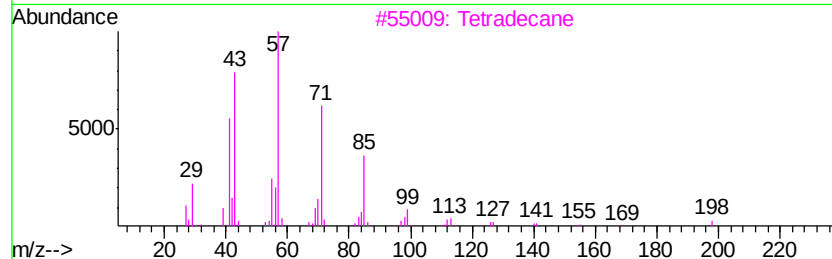
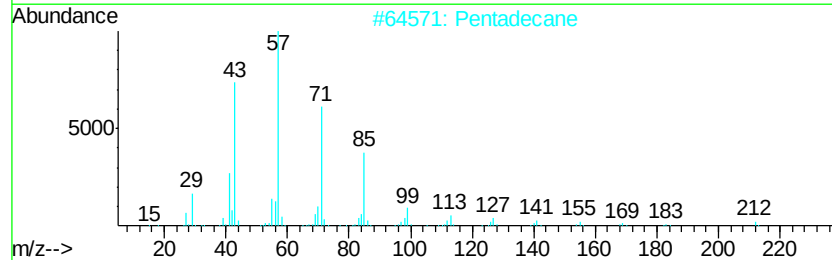
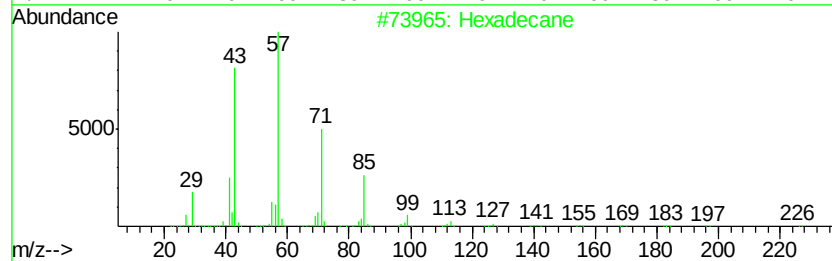
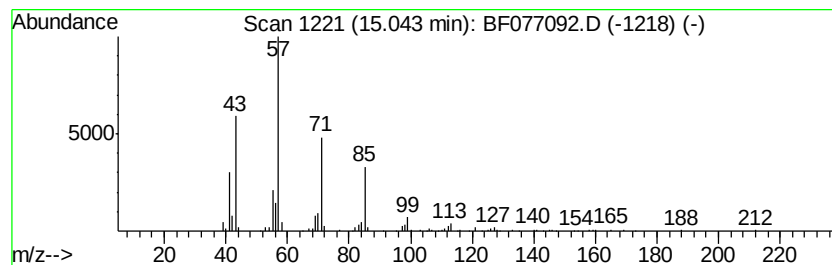
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Hexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.04	30.33 ng	522186	Acenaphthene-d10	14.80

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	91
2	Pentadecane		212	C15H32	000629-62-9	90
3	Tetradecane		198	C14H30	000629-59-4	80
4	Eicosane		282	C20H42	000112-95-8	80
5	Decane, 2,3,5-trimethyl-		184	C13H28	062238-11-3	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
Data File : BF077092.D
Acq On : 27 Jan 2015 19:20
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Misc :
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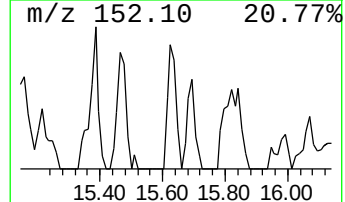
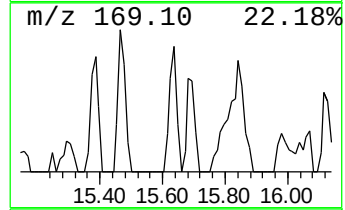
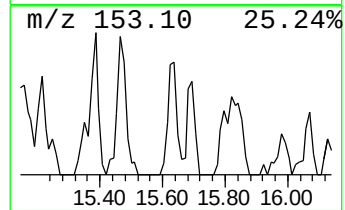
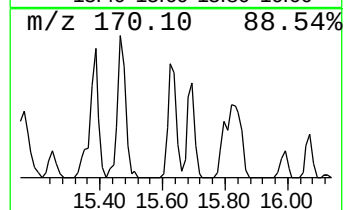
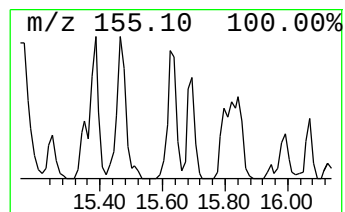
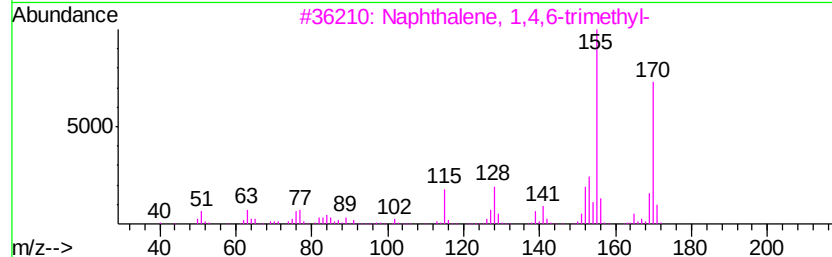
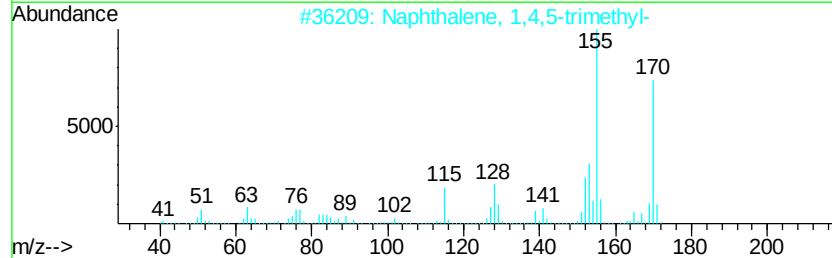
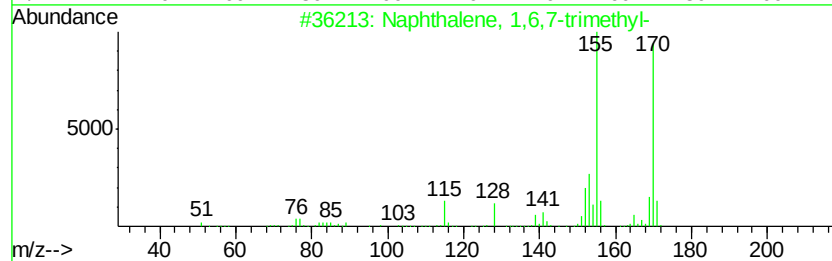
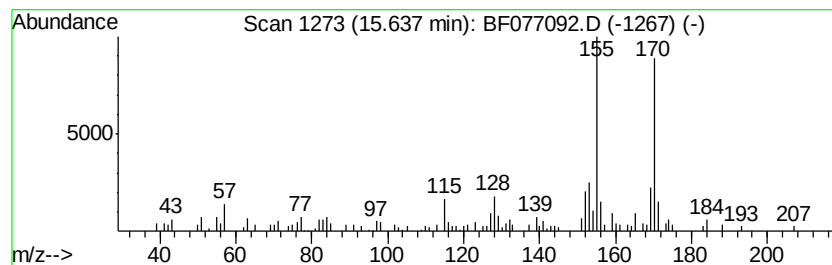
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Naphthalene, 1,6,7-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.64	17.44 ng	300319	Acenaphthene-d10	14.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
3		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
4		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
5		Naphthalene, 1-(1-methylethyl)-	170	C13H14	006158-45-8	81



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
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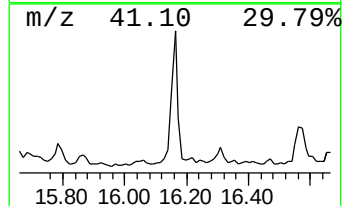
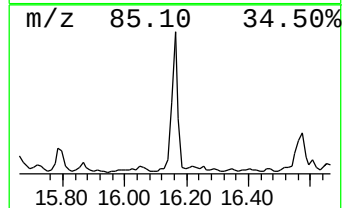
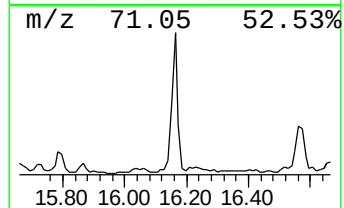
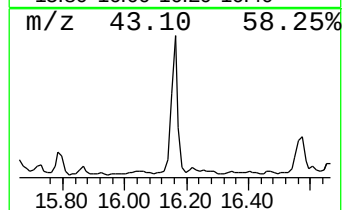
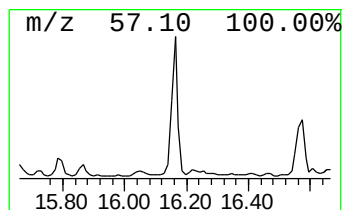
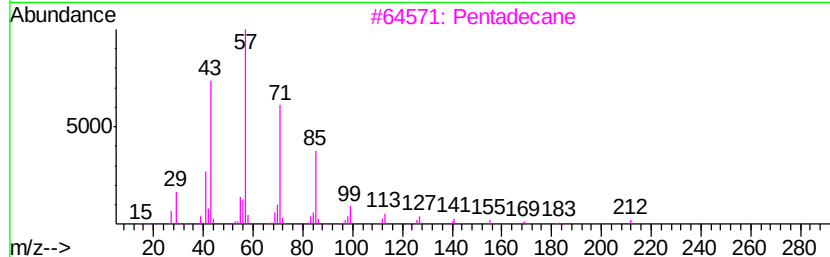
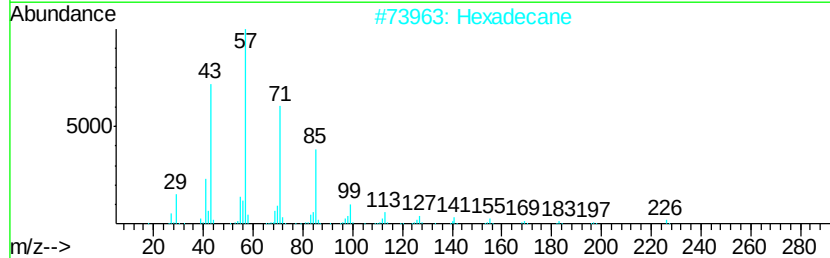
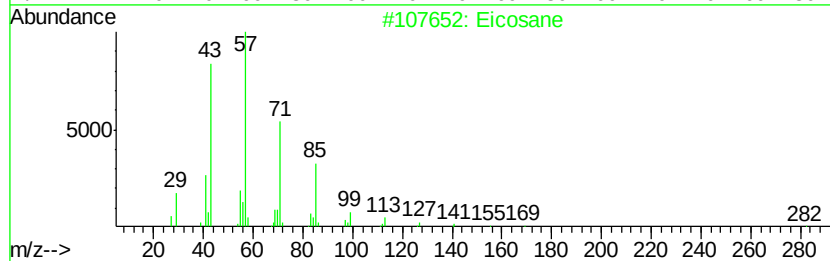
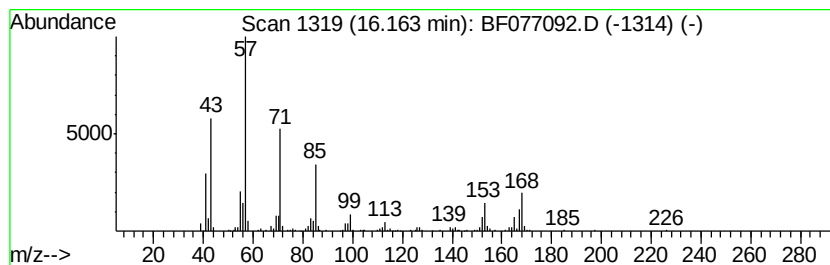
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Pentadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.16	44.15 ng	760162	Acenaphthene-d10	14.80
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosane	282 C20H42	000112-95-8	58
2	Hexadecane	226 C16H34	000544-76-3	52
3	Pentadecane	212 C15H32	000629-62-9	52
4	Tridecane	184 C13H28	000629-50-5	50
5	Heneicosane	296 C21H44	000629-94-7	50



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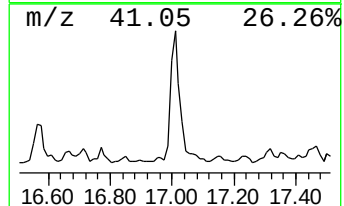
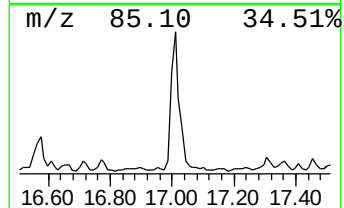
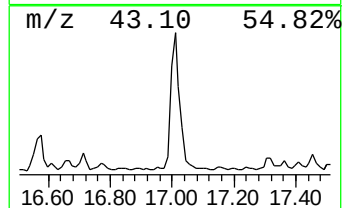
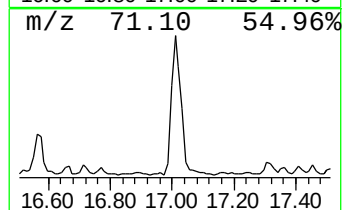
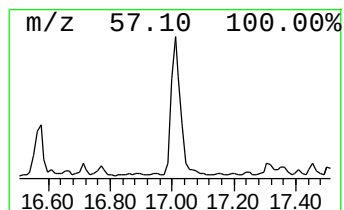
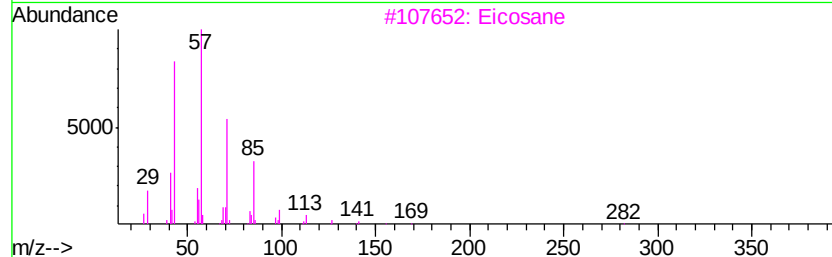
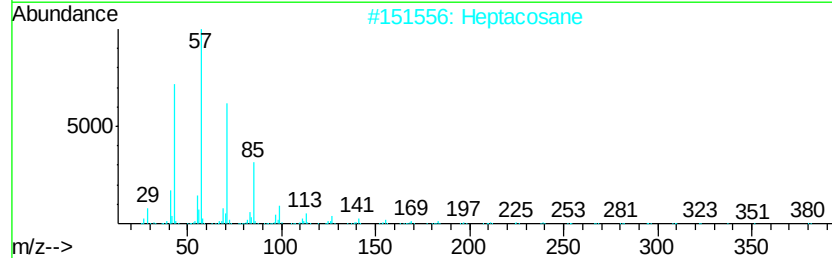
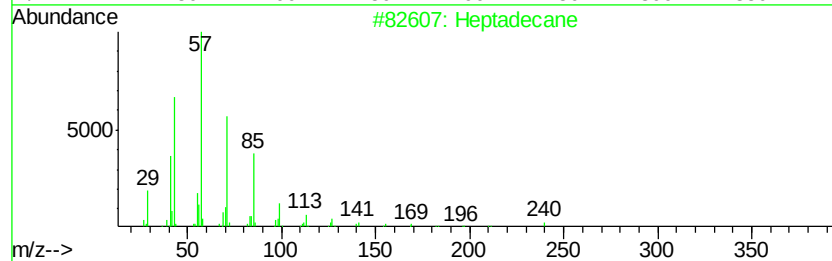
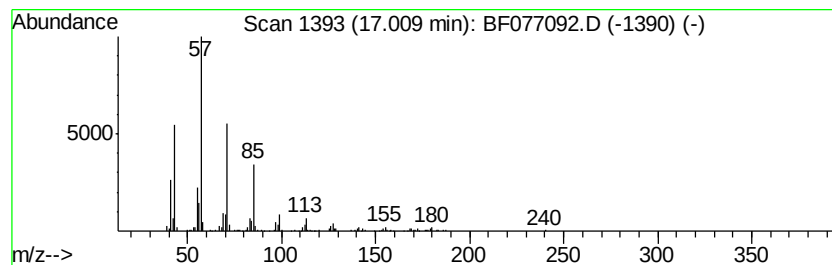
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Heptadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.01	50.07 ng	846389	Phenanthrene-d10	17.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	97
2		Heptacosane	380	C27H56	000593-49-7	91
3		Eicosane	282	C20H42	000112-95-8	91
4		Pentadecane	212	C15H32	000629-62-9	87
5		Nonadecane	268	C19H40	000629-92-5	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
Data File : BF077092.D
Acq On : 27 Jan 2015 19:20
Operator : TP/IZ
Sample : G1137-10
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
104B3

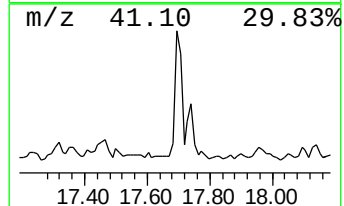
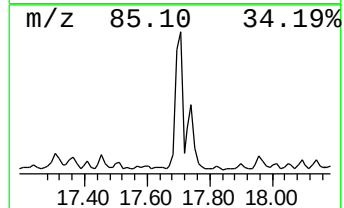
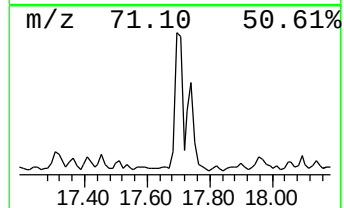
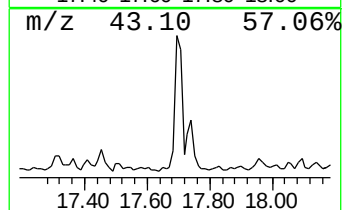
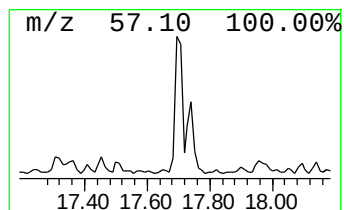
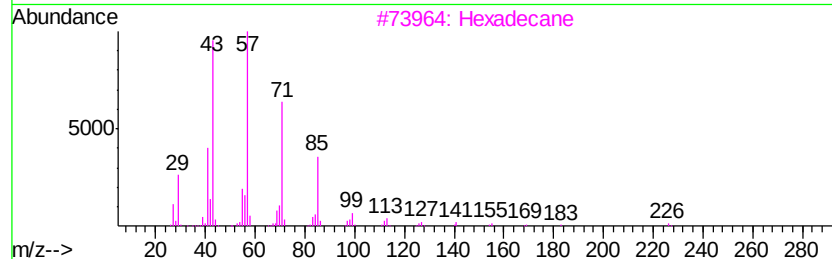
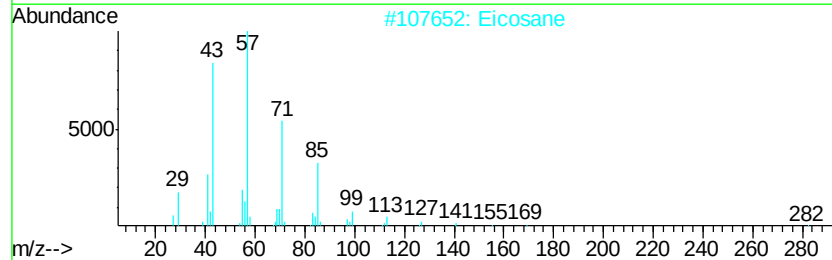
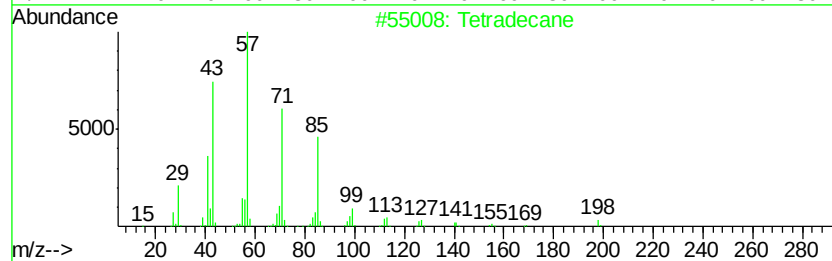
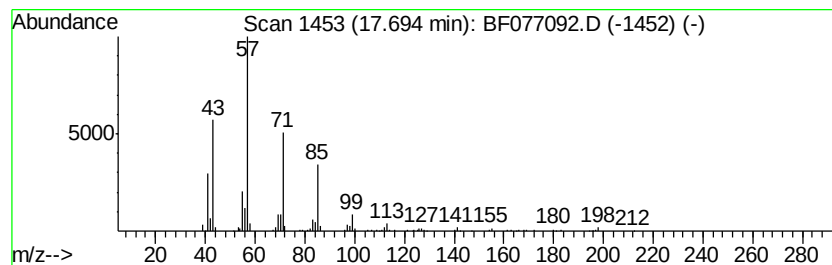
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Tetradecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.69	19.57 ng	330756	Phenanthrene-d10	17.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	86
2		Eicosane	282	C20H42	000112-95-8	83
3		Hexadecane	226	C16H34	000544-76-3	83
4		Dodecane, 3-methyl-	184	C13H28	017312-57-1	64
5		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
Data File : BF077092.D
Acq On : 27 Jan 2015 19:20
Operator : TP/IZ
Sample : G1137-10
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
104B3

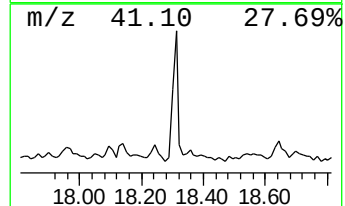
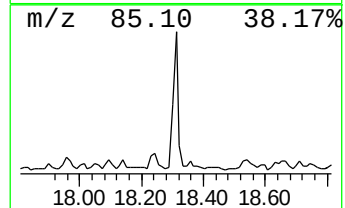
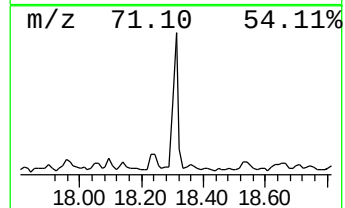
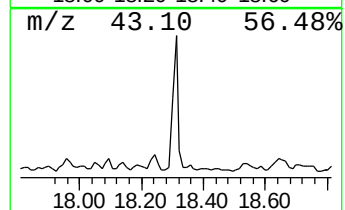
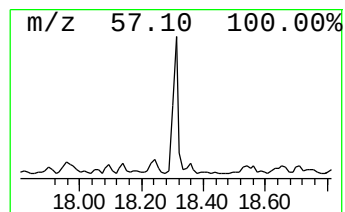
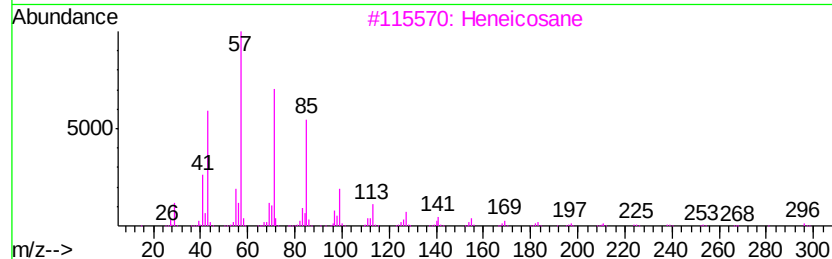
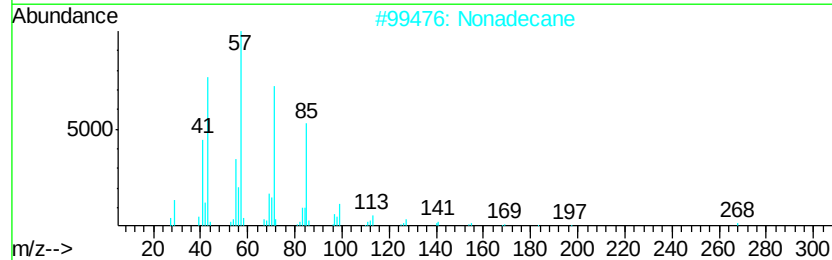
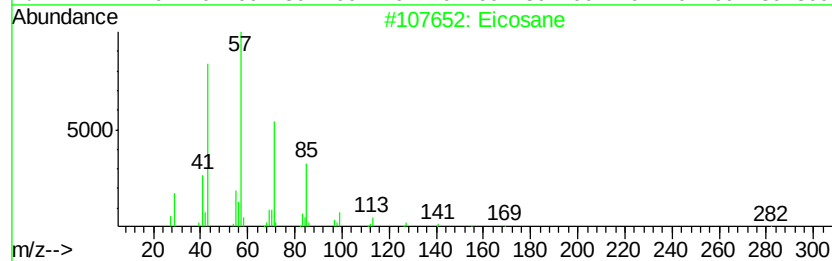
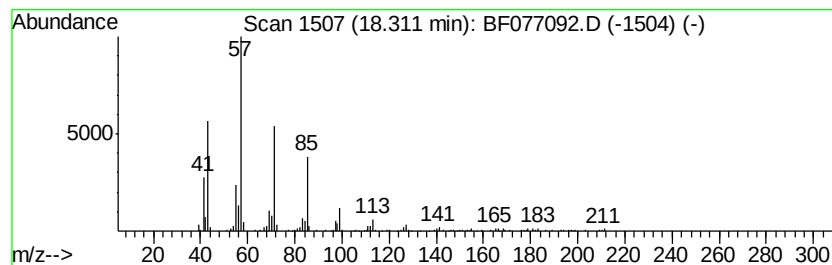
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Heneicosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.31	20.79 ng	351387	Phenanthrene-d10	17.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	91
2		Nonadecane	268	C19H40	000629-92-5	90
3		Heneicosane	296	C21H44	000629-94-7	90
4		Hexadecane	226	C16H34	000544-76-3	90
5		Tetracosane	338	C24H50	000646-31-1	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
 Data File : BF077092.D
 Acq On : 27 Jan 2015 19:20
 Operator : TP/IZ
 Sample : G1137-10
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 104B3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, 1-ethyl-...	7.06	15.8	ng	155685	1	7.76	197514	20.0
unknown7.26	7.26	56.0	ng	552626	1	7.76	197514	20.0
Benzene, 1,2,3-tr...	7.90	29.5	ng	291267	1	7.76	197514	20.0
Benzene, 4-ethyl-...	8.60	15.0	ng	148143	1	7.76	197514	20.0
Benzene, (1-methy...	10.12	16.5	ng	275563	2	10.68	333713	20.0
Naphthalene, 1,2,...	10.33	15.0	ng	250515	2	10.68	333713	20.0
Naphthalene, 1,2,...	11.93	15.0	ng	250248	2	10.68	333713	20.0
Eicosane	12.41	23.4	ng	390235	2	10.68	333713	20.0
Naphthalene, 2-me...	12.60	19.5	ng	325549	2	10.68	333713	20.0
Tridecane, 6-methyl-	13.77	28.2	ng	485045	3	14.80	344323	20.0
Naphthalene, 1,6-...	13.88	25.8	ng	443685	3	14.80	344323	20.0
Naphthalene, 2,3-...	14.06	30.0	ng	515889	3	14.80	344323	20.0
Naphthalene, 1,7-...	14.12	22.4	ng	385191	3	14.80	344323	20.0
Hexadecane	15.04	30.3	ng	522186	3	14.80	344323	20.0
Naphthalene, 1,6,...	15.64	17.4	ng	300319	3	14.80	344323	20.0
Pentadecane	16.16	44.1	ng	760162	3	14.80	344323	20.0
Heptadecane	17.01	50.1	ng	846389	4	17.64	338053	20.0
Tetradecane	17.69	19.6	ng	330756	4	17.64	338053	20.0
Heneicosane	18.31	20.8	ng	351387	4	17.64	338053	20.0