

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032718\
 Data File : BF103991.D
 Acq On : 28 Mar 2018 00:43
 Operator : JU/SJ
 Sample : J2048-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-108(4-5)

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.469	572	575	584	rBV	878890	1001957	5.68%	0.444%
2	5.604	588	598	607	rBV2	2153665	4074590	23.12%	1.806%
3	5.834	632	637	642	rBV	2012072	2079411	11.80%	0.921%
4	6.428	736	738	742	rVV	629894	610199	3.46%	0.270%
5	6.498	746	750	752	rBV	792353	819718	4.65%	0.363%
6	6.528	752	755	759	rVV	2384212	2191428	12.43%	0.971%
7	6.575	759	763	765	rVV	2840231	2598994	14.74%	1.152%
8	6.610	765	769	774	rVV	1873339	2462530	13.97%	1.091%
9	6.657	774	777	779	rVV	1791761	1560499	8.85%	0.692%
10	6.686	779	782	787	rVB2	592159	686985	3.90%	0.304%
11	6.745	787	792	797	rBV	2136410	2688194	15.25%	1.191%
12	6.804	797	802	808	rVV2	5278111	7079806	40.16%	3.137%
13	6.975	828	831	833	rBV	797924	720802	4.09%	0.319%
14	7.034	837	841	844	rVV	3066673	3406017	19.32%	1.509%
15	7.069	844	847	852	rVB	2304599	2419848	13.73%	1.072%
16	7.133	852	858	860	rBV	2093732	2466338	13.99%	1.093%
17	7.157	860	862	866	rVB	3103839	2496198	14.16%	1.106%
18	7.239	870	876	880	rBV	4882973	5742454	32.58%	2.545%
19	7.286	880	884	887	rBV	2068403	1828807	10.37%	0.810%
20	7.428	902	908	910	rBV2	1193048	1264468	7.17%	0.560%
21	7.451	910	912	915	rVV	1012124	1083732	6.15%	0.480%
22	7.504	917	921	923	rVV	2288768	2355411	13.36%	1.044%
23	7.539	923	927	931	rVV2	2175006	2689166	15.26%	1.192%
24	7.575	931	933	937	rVV	997932	1159581	6.58%	0.514%
25	7.616	937	940	943	rVV5	500817	649226	3.68%	0.288%
26	7.739	958	961	962	rVV	1159302	1097087	6.22%	0.486%
27	7.763	962	965	969	rVV	2600268	2653391	15.05%	1.176%
28	7.833	974	977	979	rVV	1084924	1109878	6.30%	0.492%
29	7.857	979	981	986	rVV5	625532	900711	5.11%	0.399%
30	7.928	990	993	997	rVB	852945	865608	4.91%	0.384%
31	8.016	997	1008	1010	rBV3	4244116	8858894	50.26%	3.926%
32	8.051	1010	1014	1020	rVV	3985679	6770915	38.41%	3.000%
33	8.128	1024	1027	1031	rVB3	1090911	1232703	6.99%	0.546%
34	8.228	1040	1044	1046	rVV2	917344	859103	4.87%	0.381%

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35	8.304	1046	1057	1061	rVV	5630070	17627393	100.00%	7.811%
36	8.345	1061	1064	1069	rVB2	2046228	2181679	12.38%	0.967%
37	8.610	1105	1109	1112	rBV3	442989	654571	3.71%	0.290%
38	8.651	1112	1116	1119	rBV4	355895	614210	3.48%	0.272%
39	8.692	1119	1123	1125	rVV2	790805	1216604	6.90%	0.539%
40	8.722	1125	1128	1130	rVV	989258	1123832	6.38%	0.498%
41	8.757	1130	1134	1138	rVV	977082	1406692	7.98%	0.623%
42	8.798	1138	1141	1145	rVB3	813733	941636	5.34%	0.417%
43	8.839	1145	1148	1151	rBV3	1094089	837208	4.75%	0.371%
44	8.928	1160	1163	1166	rVB	1073616	1139706	6.47%	0.505%
45	8.992	1166	1174	1177	rBV	5337630	11359135	64.44%	5.034%
46	9.092	1183	1191	1194	rBV2	5146288	9880703	56.05%	4.379%
47	9.327	1225	1231	1234	rBV	2920288	3188054	18.09%	1.413%
48	9.398	1238	1243	1246	rVB	1402067	1212849	6.88%	0.537%
49	9.433	1246	1249	1254	rVB	2235460	2082448	11.81%	0.923%
50	9.504	1258	1261	1263	rBV2	822506	845841	4.80%	0.375%
51	9.527	1263	1265	1272	rVB	1265933	1767403	10.03%	0.783%
52	9.604	1272	1278	1281	rBV	2919515	4365111	24.76%	1.934%
53	9.633	1281	1283	1286	rBV	998181	700751	3.98%	0.311%
54	9.680	1286	1291	1293	rBV	3171043	4086675	23.18%	1.811%
55	9.704	1293	1295	1299	rVB3	2518796	2688393	15.25%	1.191%
56	9.792	1304	1310	1318	rBV	2021176	2719881	15.43%	1.205%
57	9.874	1322	1324	1329	rVB3	1671330	1814520	10.29%	0.804%
58	9.927	1329	1333	1337	rVB	2220824	1940545	11.01%	0.860%
59	9.992	1341	1344	1346	rBV	862765	771875	4.38%	0.342%
60	10.016	1346	1348	1350	rVV2	851846	679084	3.85%	0.301%
61	10.051	1351	1354	1356	rVB2	720868	663434	3.76%	0.294%
62	10.122	1361	1366	1369	rBV3	647966	989373	5.61%	0.438%
63	10.186	1375	1377	1379	rBV2	703266	642448	3.64%	0.285%
64	10.216	1379	1382	1385	rVB3	1060567	1110140	6.30%	0.492%
65	10.251	1385	1388	1392	rBV3	1065715	1297675	7.36%	0.575%
66	10.327	1397	1401	1404	rBV2	840042	907581	5.15%	0.402%
67	10.357	1404	1406	1410	rVB2	689044	629600	3.57%	0.279%
68	10.427	1413	1418	1421	rBV	2761076	2881712	16.35%	1.277%
69	10.569	1438	1442	1447	rVB2	1171626	1560065	8.85%	0.691%
70	10.645	1450	1455	1458	rVV	1890796	2204280	12.50%	0.977%
71	10.810	1479	1483	1486	rBV	1298823	1368450	7.76%	0.606%

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72	10.910	1495	1500	1505	rVV2	3456464	5951380	33.76%	2.637%
73	11.098	1528	1532	1533	rBV	671790	784632	4.45%	0.348%
74	11.363	1572	1577	1579	rBV	3252295	3822498	21.68%	1.694%
75	11.386	1579	1581	1584	rVB	2213155	2047495	11.62%	0.907%
76	11.510	1600	1602	1604	rVV	905934	1056419	5.99%	0.468%
77	11.539	1604	1607	1611	rVV	2683817	3381457	19.18%	1.498%
78	11.592	1613	1616	1619	rVV	1020773	1179158	6.69%	0.523%
79	11.627	1619	1622	1626	rVV2	833595	955338	5.42%	0.423%
80	11.669	1626	1629	1632	rVV3	784356	886204	5.03%	0.393%
81	11.733	1637	1640	1644	rVV	1175644	1464003	8.31%	0.649%
82	11.792	1645	1650	1653	rVV	3339150	3958760	22.46%	1.754%
83	11.845	1657	1659	1662	rVB	676694	612115	3.47%	0.271%
84	12.016	1685	1688	1691	rBV	1242458	1368299	7.76%	0.606%
85	12.045	1691	1693	1696	rVB2	1499422	1405009	7.97%	0.623%
86	12.098	1697	1702	1705	rVV4	909999	1431230	8.12%	0.634%
87	12.133	1705	1708	1710	rVV2	1618689	1724560	9.78%	0.764%
88	12.157	1710	1712	1715	rVB2	1030623	890389	5.05%	0.395%
89	12.198	1715	1719	1722	rBV	2910326	3009080	17.07%	1.333%
90	12.474	1763	1766	1769	rVV	874986	923420	5.24%	0.409%
91	12.586	1780	1785	1788	rBV2	2271547	2729603	15.49%	1.210%
92	12.739	1808	1811	1814	rVB	1655022	1780085	10.10%	0.789%
93	12.957	1845	1848	1849	rBV	1634310	1512634	8.58%	0.670%
94	12.974	1849	1851	1855	rVB	2049871	2072938	11.76%	0.919%
95	13.104	1870	1873	1876	rVB	1506477	1541133	8.74%	0.683%
96	13.304	1904	1907	1910	rVB2	1182545	1447984	8.21%	0.642%
97	14.157	2049	2052	2056	rBV2	1356920	2020588	11.46%	0.895%
98	14.198	2056	2059	2065	rVB	1371800	1435071	8.14%	0.636%
99	15.251	2233	2238	2241	rBV	460621	826779	4.69%	0.366%
100	15.639	2300	2304	2309	rBV	682757	858820	4.87%	0.381%

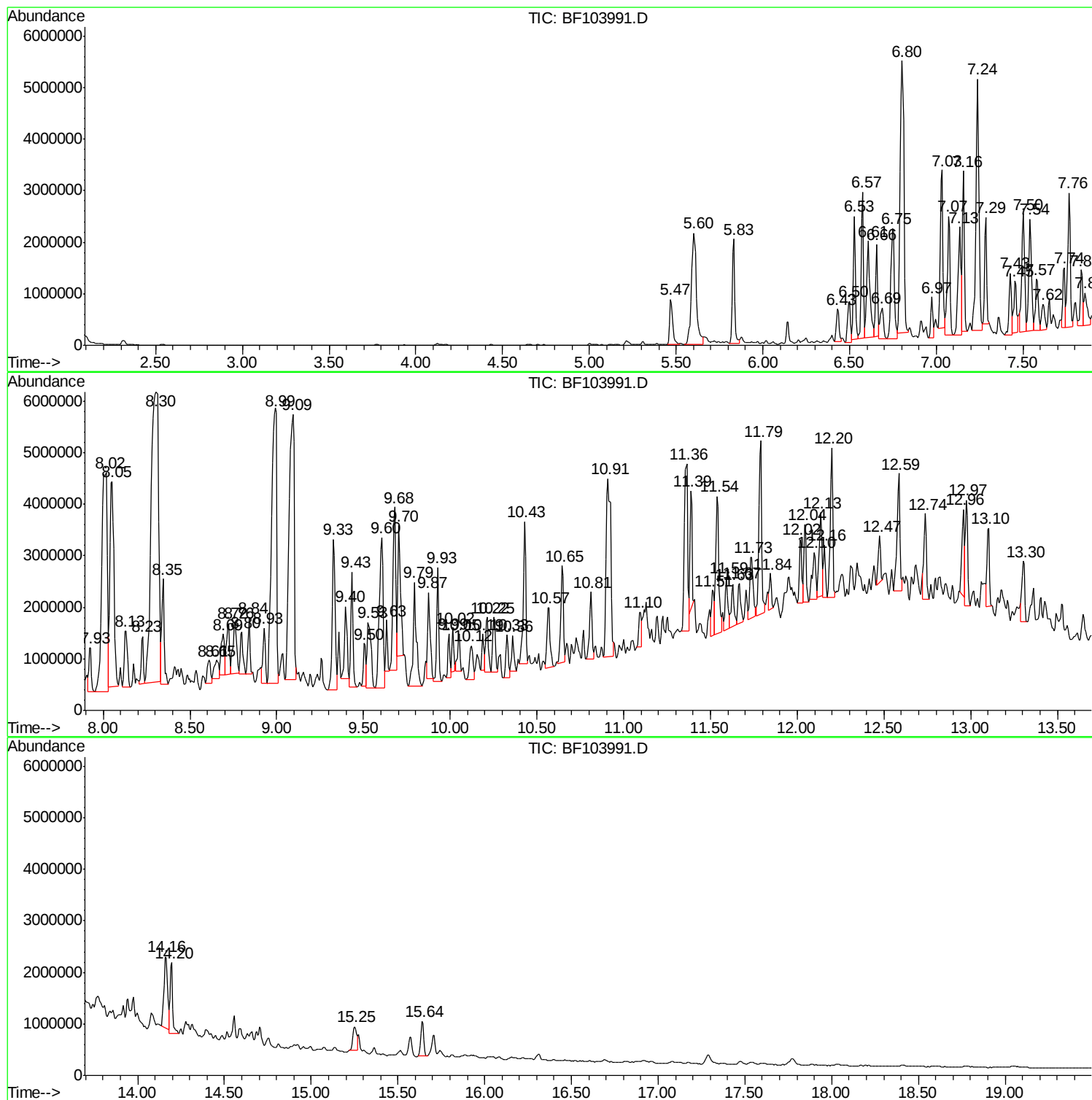
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ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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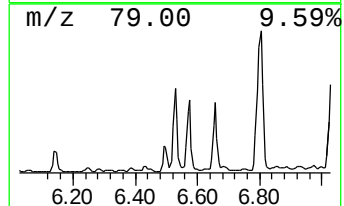
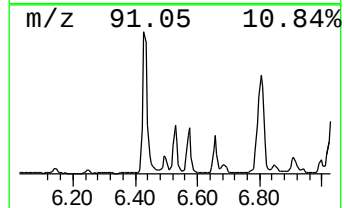
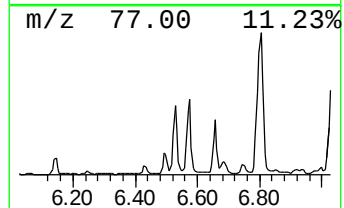
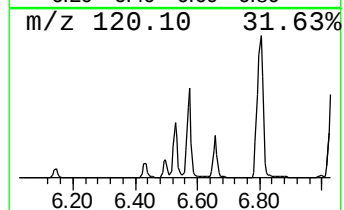
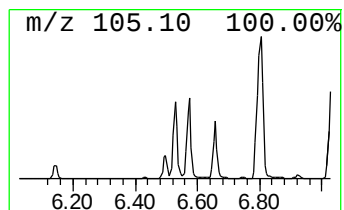
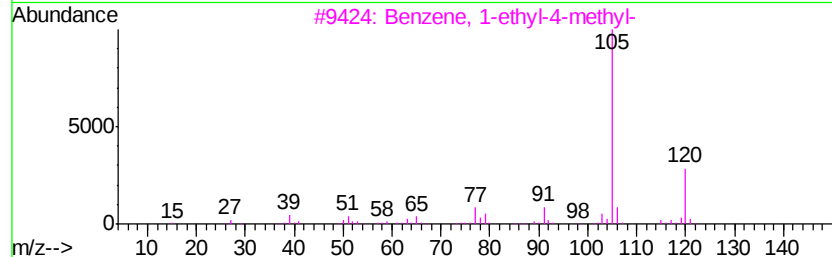
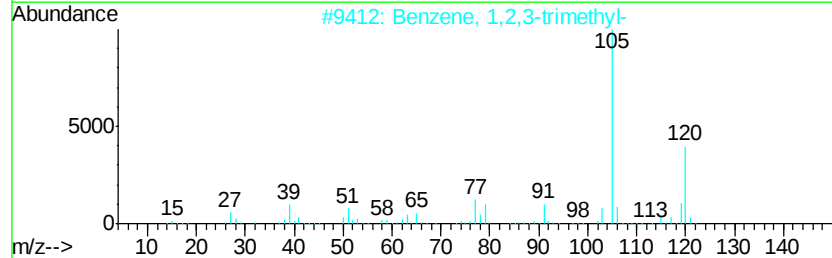
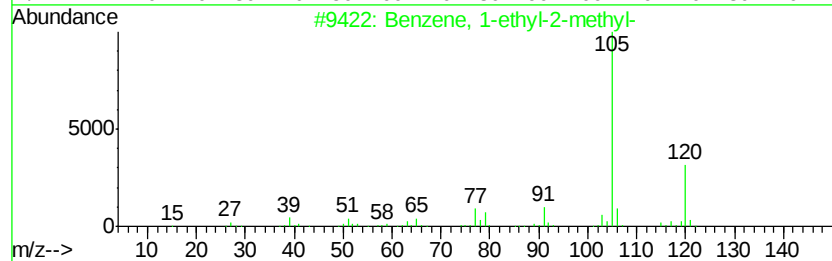
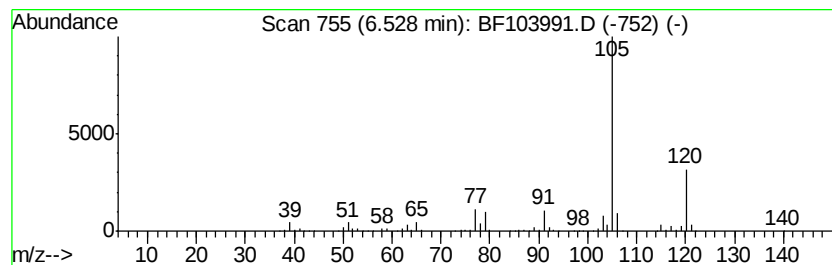
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Benzene, 1-ethyl-2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.53	60.81 ng	2191430	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5		Mesitylene	120	C9H12	000108-67-8	91



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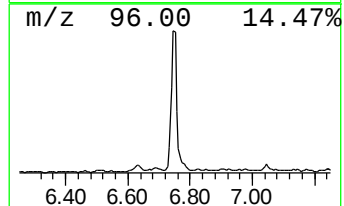
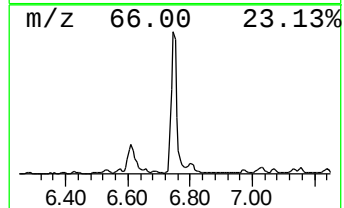
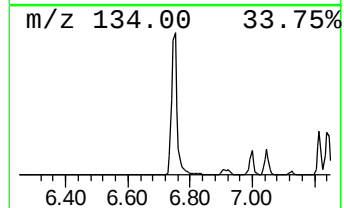
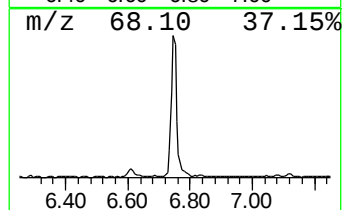
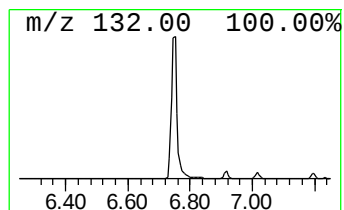
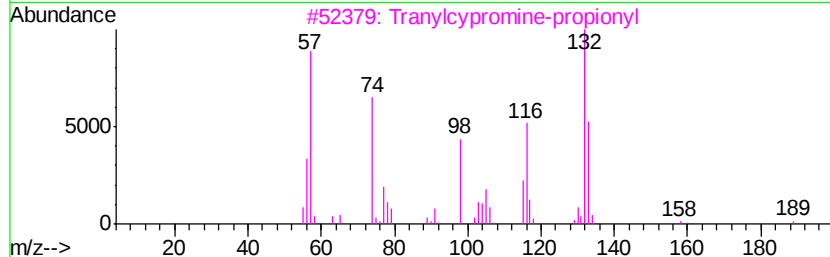
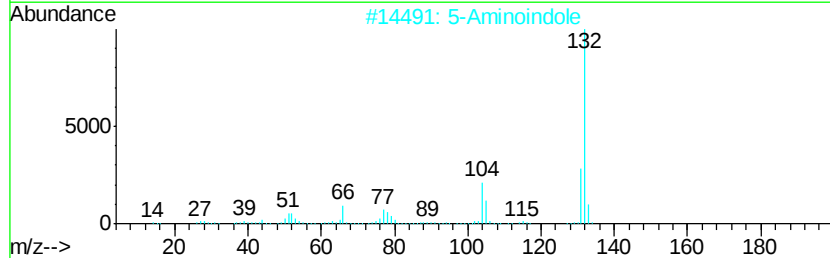
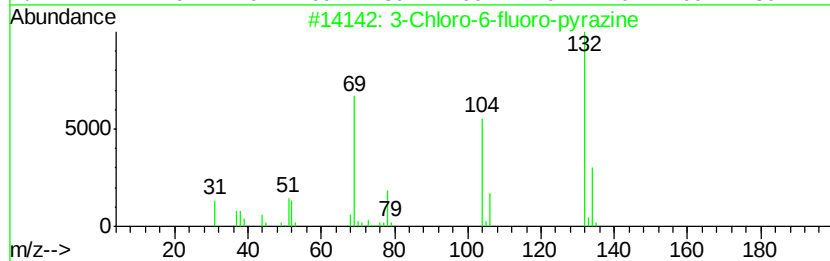
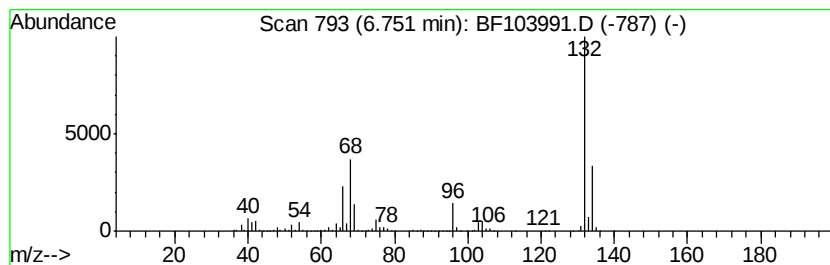
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.75 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.75	74.59 ng	2688190	1,4-Dichlorobenzene-d4	6.97

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2			5-Aminoindole	132	C8H8N2	005192-03-0	12
3			Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	10
4			1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
5			(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	10



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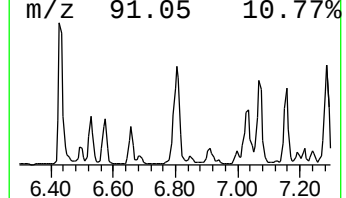
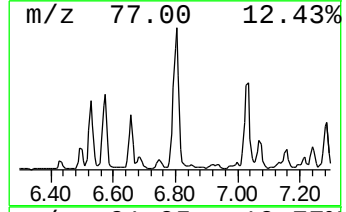
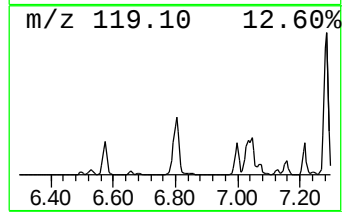
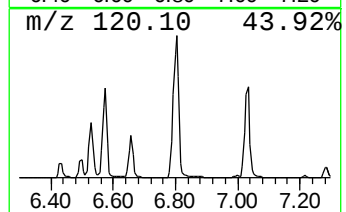
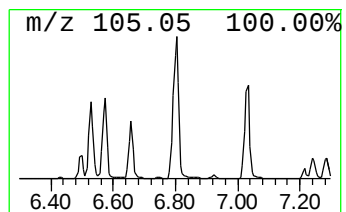
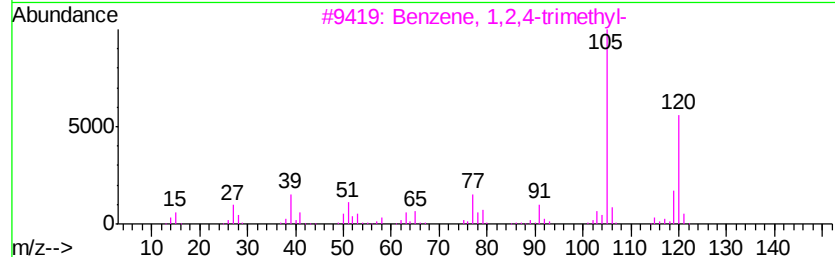
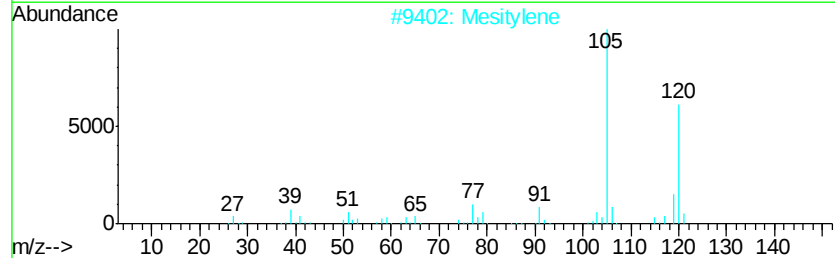
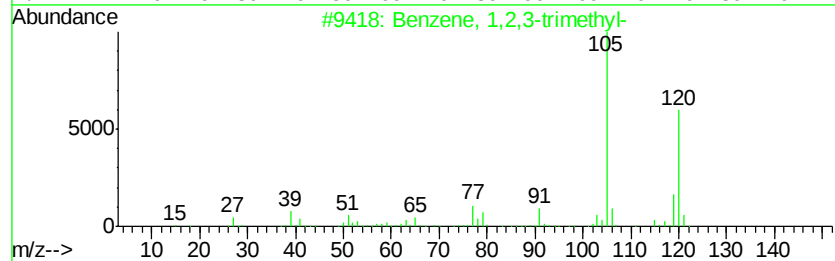
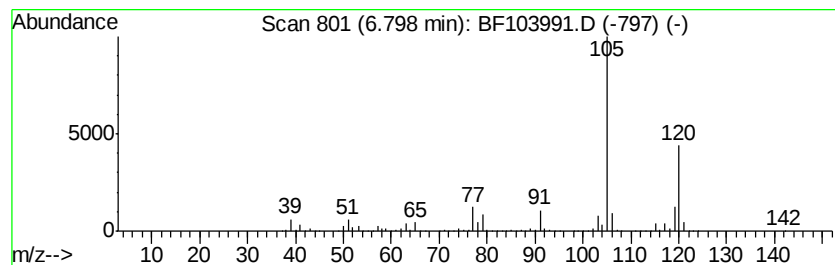
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 1,2,3-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.80	196.44 ng	7079810	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
2		Mesitylene	120	C9H12	000108-67-8	93
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90



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Data File : BF103991.D
Acq On : 28 Mar 2018 00:43
Operator : JU/SJ
Sample : J2048-01
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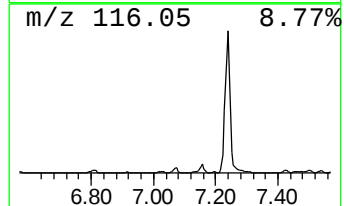
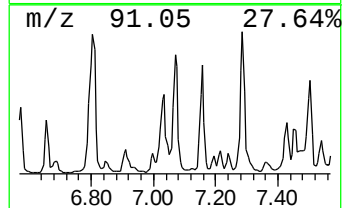
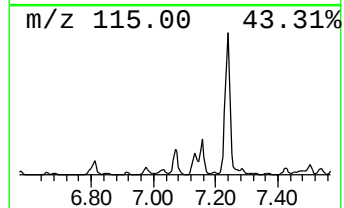
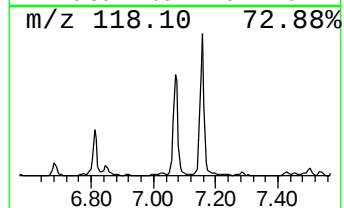
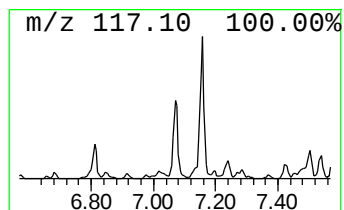
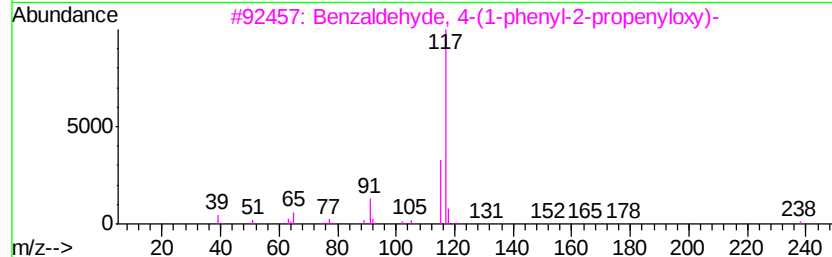
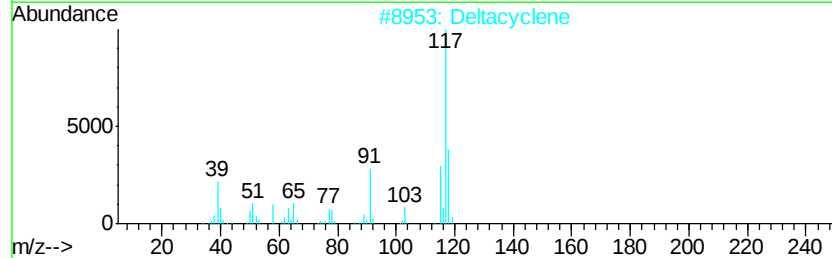
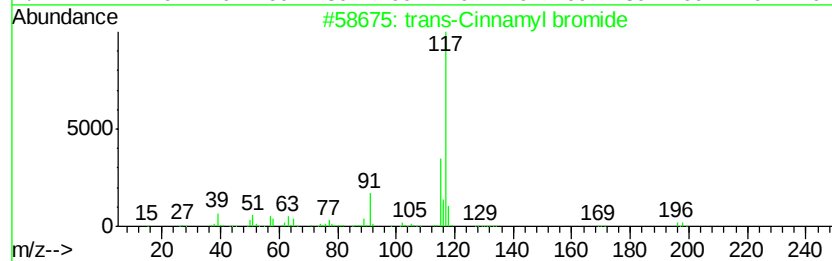
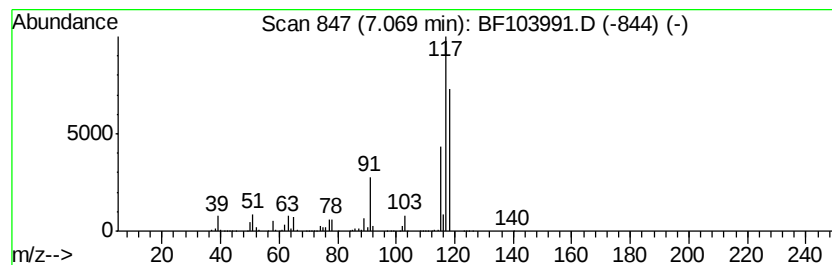
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 trans-Cinnamyl bromide Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.07	67.14 ng	2419850	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	64
2		Deltacyclene	118	C9H10	007785-10-6	50
3		Benzaldehyde, 4-(1-phenyl-2-propenyl)-	238	C16H14O2	1000277-56-1	42
4		Benzene, (2-bromocyclopropyl)-	196	C9H9Br	036617-02-4	42
5		Benzene, 1,1'-(1,5-hexadiene-1,6-diyl)-	234	C18H18	004439-45-6	40



Data Path : Z:\HPCHEM1\BNA F\DATA\BF032718\
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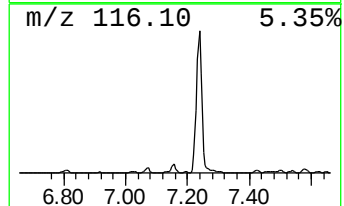
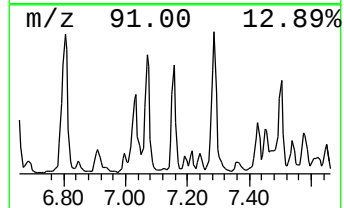
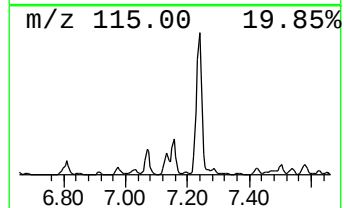
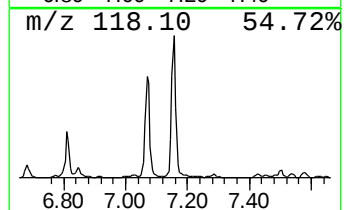
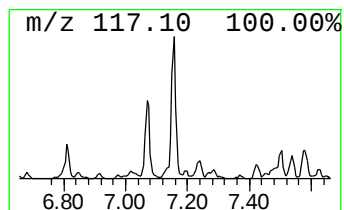
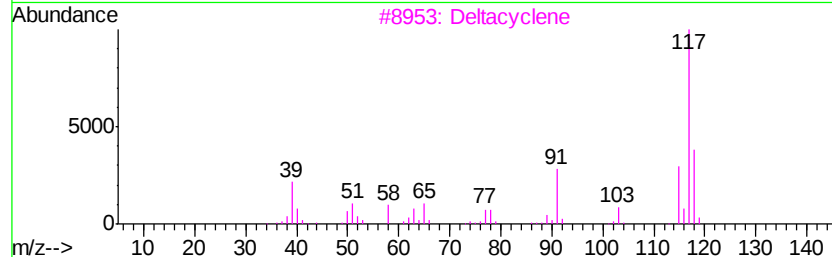
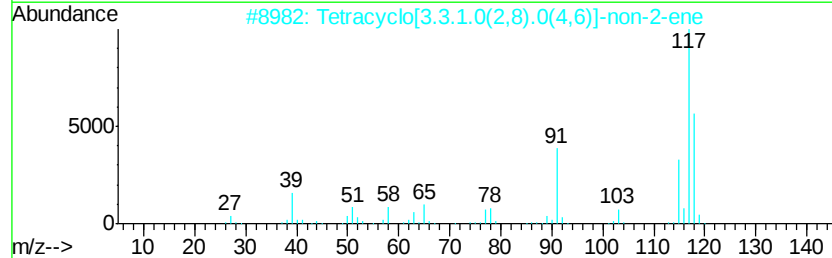
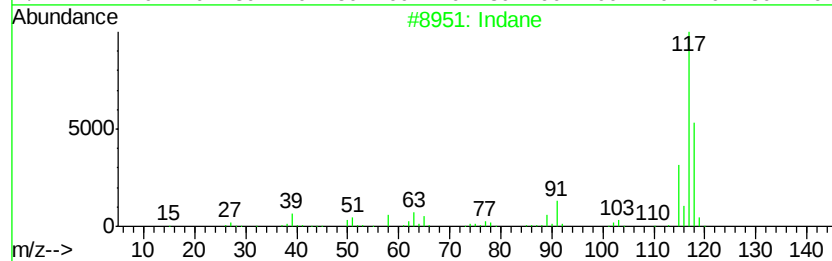
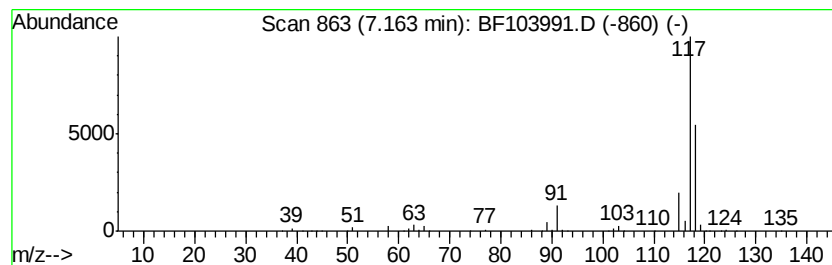
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Indane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.16	69.26 ng	2496200	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indane	118	C9H10	000496-11-7	93
2		Tetracyclo[3.3.1.0(2,8).0(4,6)]-	118	C9H10	1000191-13-7	80
3		Deltacyclene	118	C9H10	007785-10-6	64
4		Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	59
5		Benzene, 1-propenyl-	118	C9H10	000637-50-3	59



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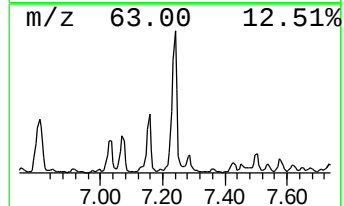
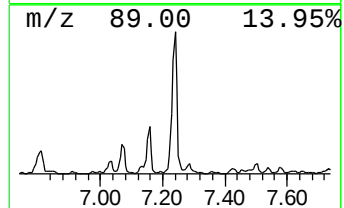
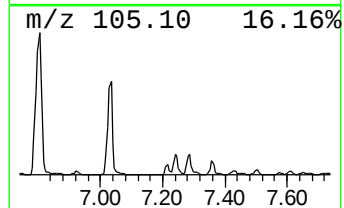
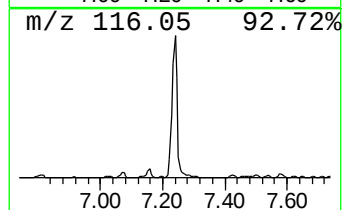
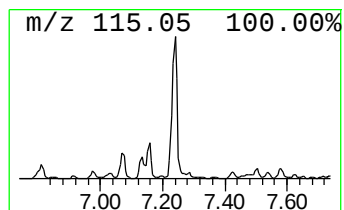
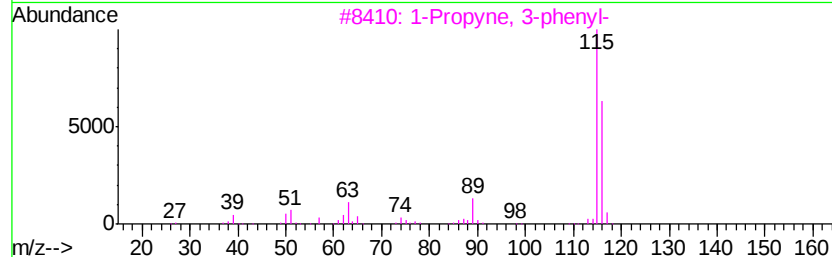
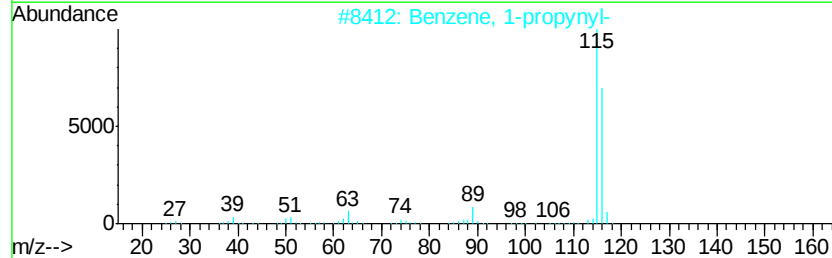
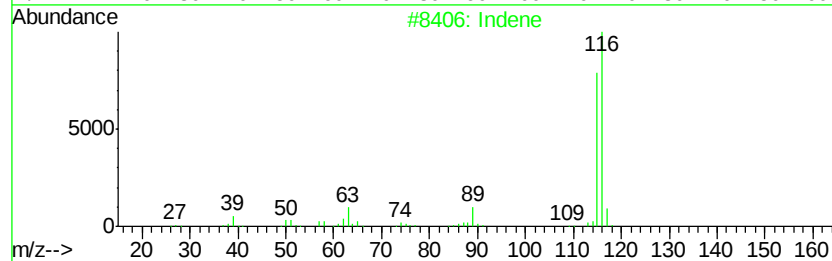
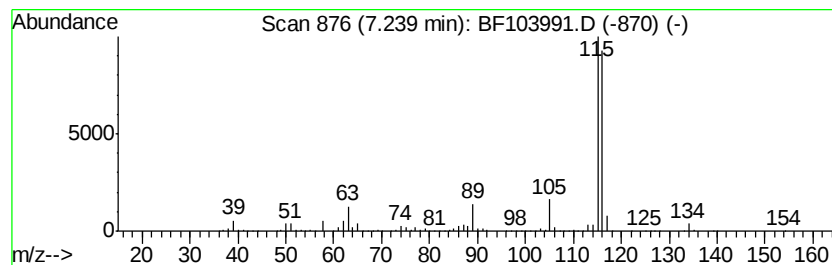
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Indene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.24	159.34 ng	5742450	1,4-Dichlorobenzene-d4	6.97

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene		116	C9H8	000095-13-6	95
2	Benzene, 1-propynyl-		116	C9H8	000673-32-5	94
3	1-Propyne, 3-phenyl-		116	C9H8	010147-11-2	94
4	3-Methylphenylacetylene		116	C9H8	000766-82-5	90
5	2-Methylphenylacetylene		116	C9H8	000766-47-2	87



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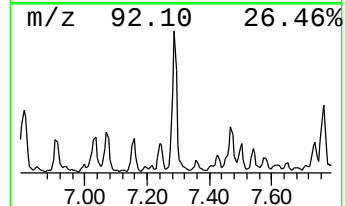
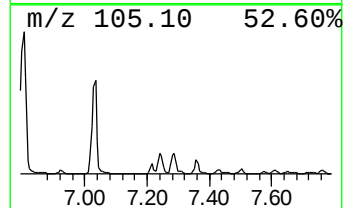
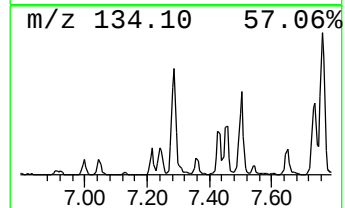
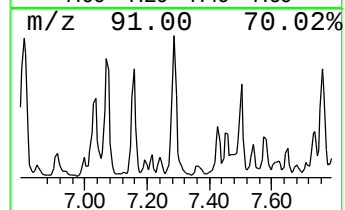
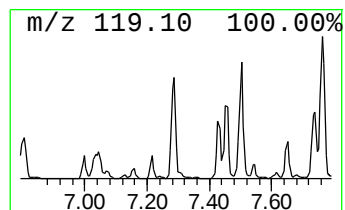
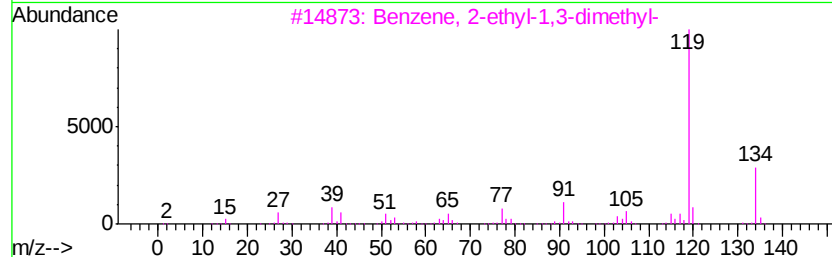
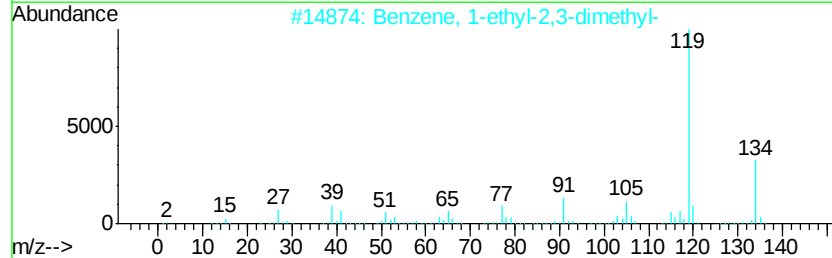
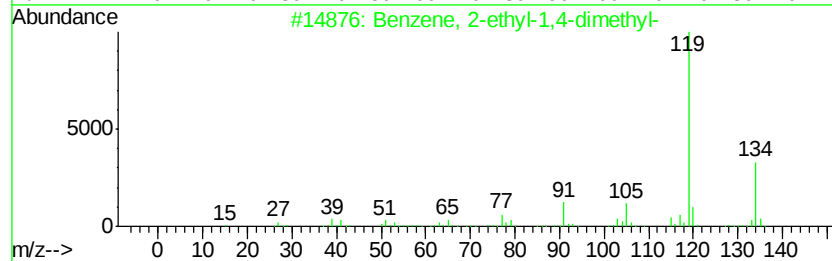
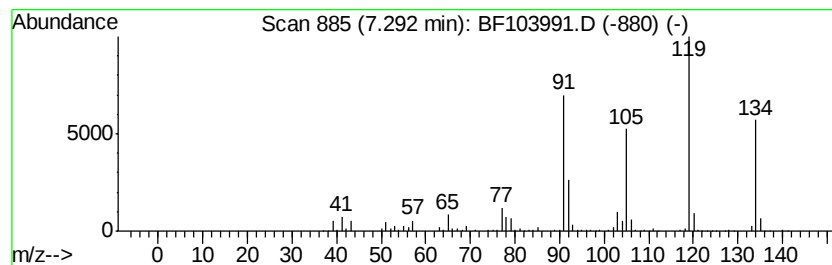
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.29	50.74 ng	1828810	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
2		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
3		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91
4		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
5		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91



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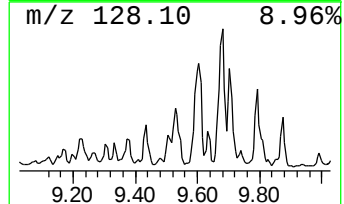
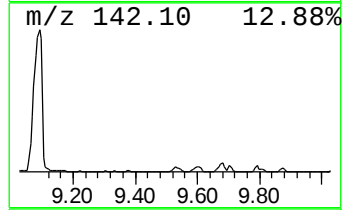
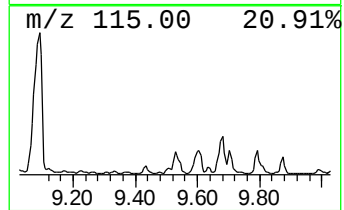
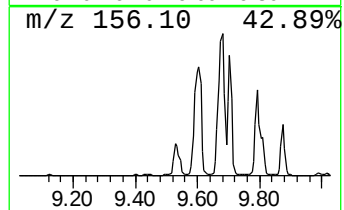
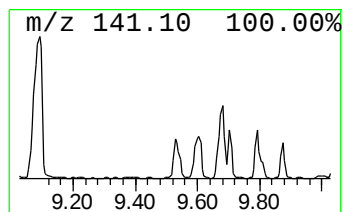
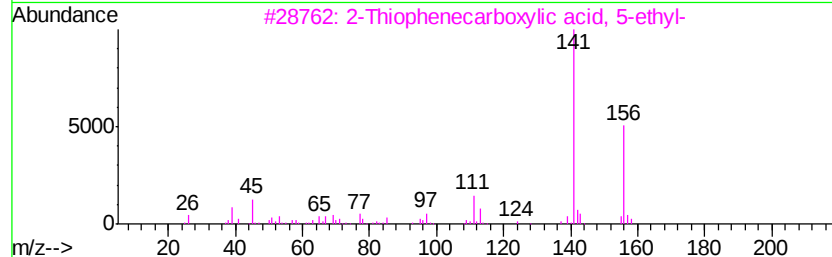
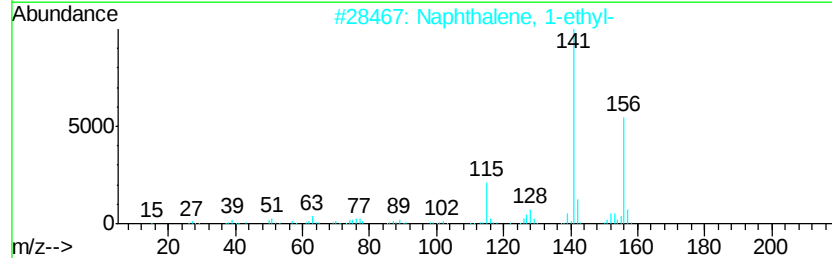
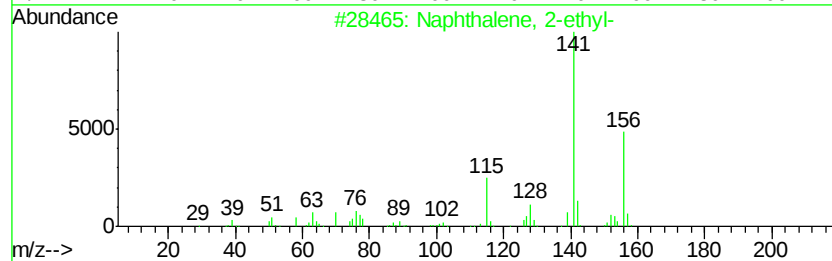
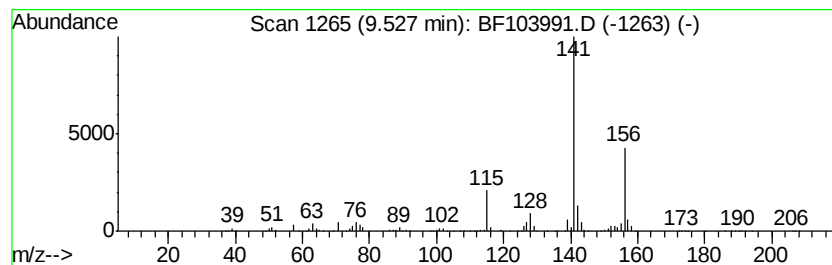
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Naphthalene, 2-ethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.53	52.05 ng	1767400	Acenaphthene-d10	10.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
2		Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
3		2-Thiophenecarboxylic acid, 5-ethyl-	156	C7H8O2S	023229-72-3	72
4		Methyl phenylphosphinic acid	156	C7H9O2P	004271-13-0	59
5		3',4'-Difluoroacetophenone	156	C8H6F2O	000369-33-5	59



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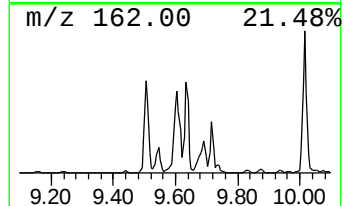
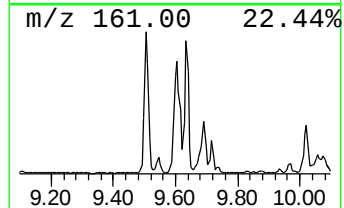
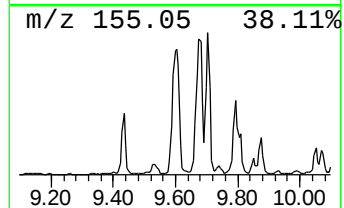
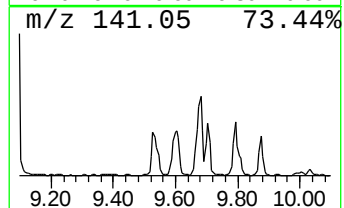
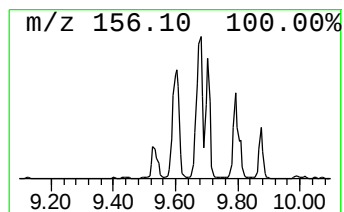
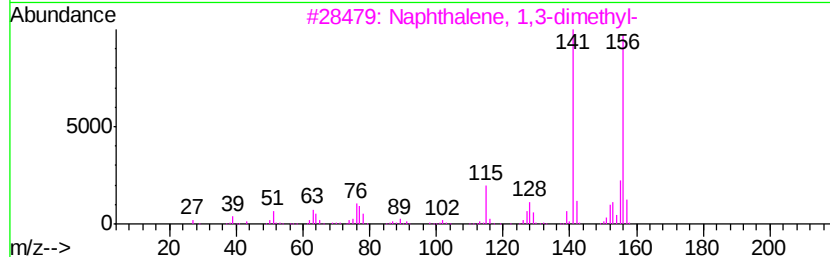
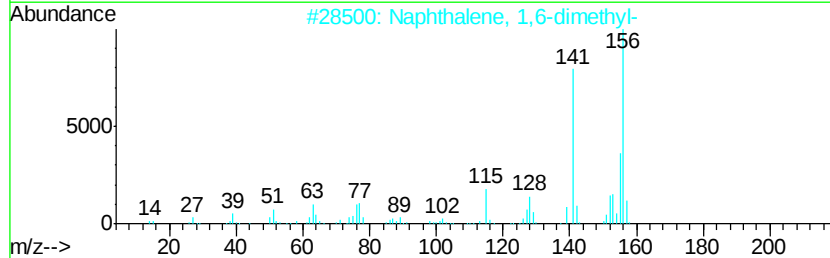
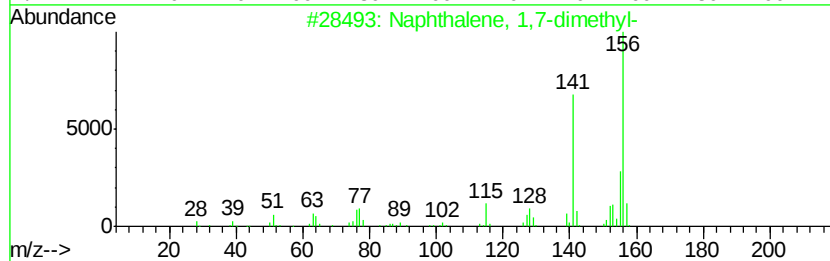
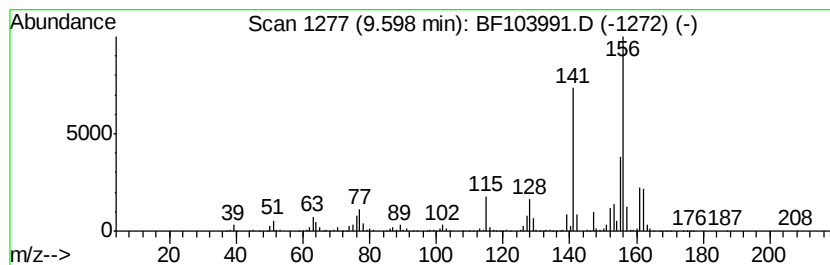
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Naphthalene, 1,7-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.60	128.56 ng	4365110	Acenaphthene-d10	10.02

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



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ALS Vial : 23 Sample Multiplier: 1

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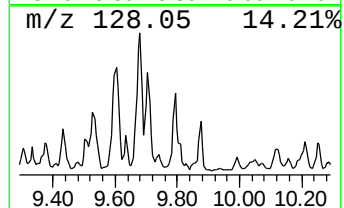
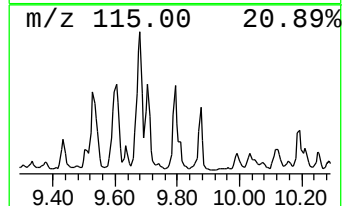
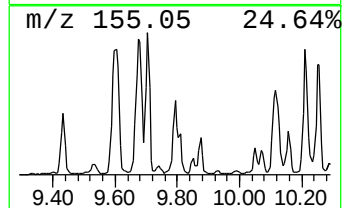
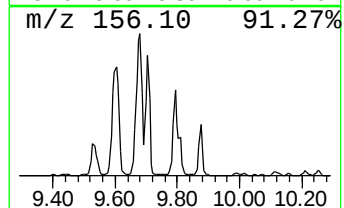
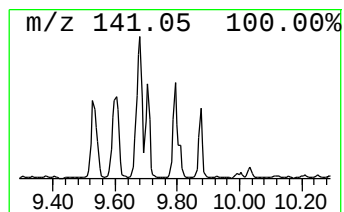
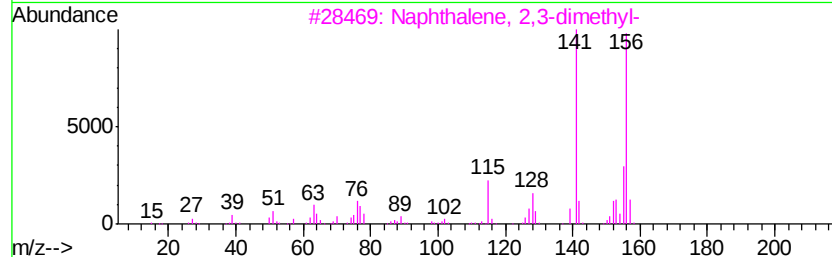
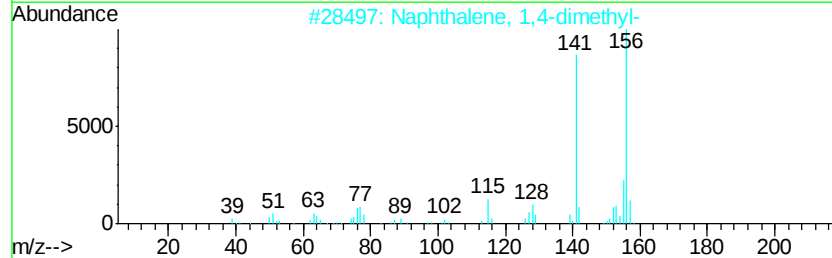
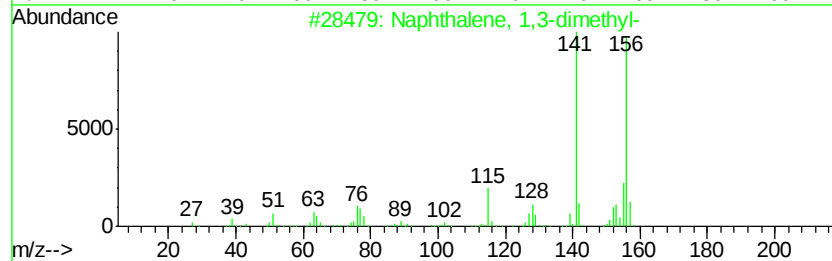
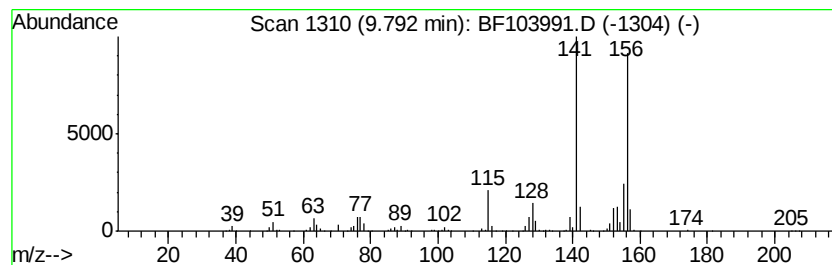
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 1,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.79	80.10 ng	2719880	Acenaphthene-d10	10.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
3		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4		Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	96
5		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032718\
Data File : BF103991.D
Acq On : 28 Mar 2018 00:43
Operator : JU/SJ
Sample : J2048-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-108(4-5)

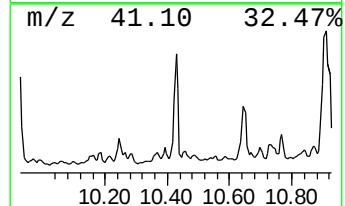
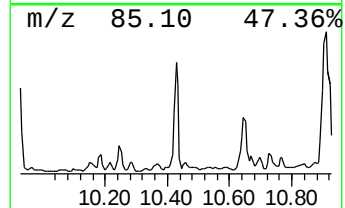
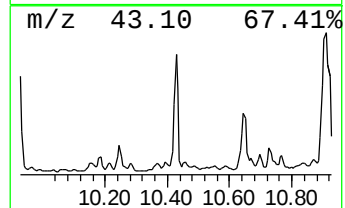
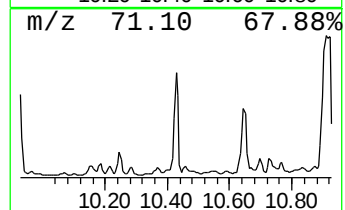
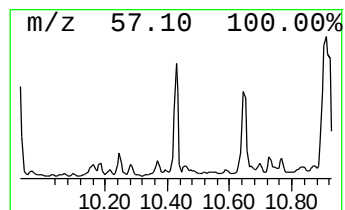
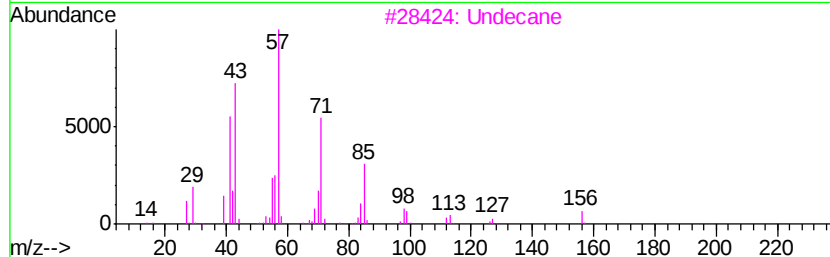
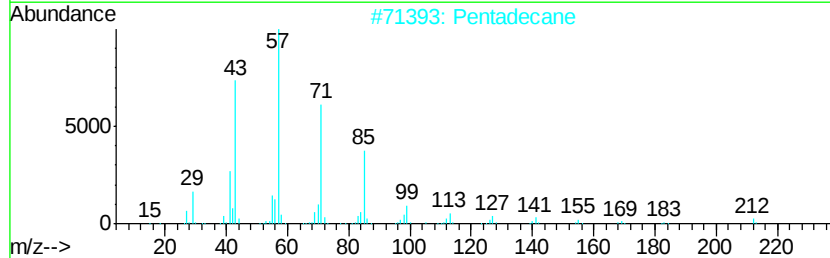
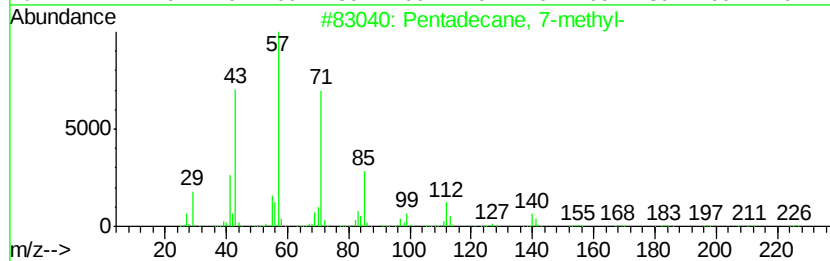
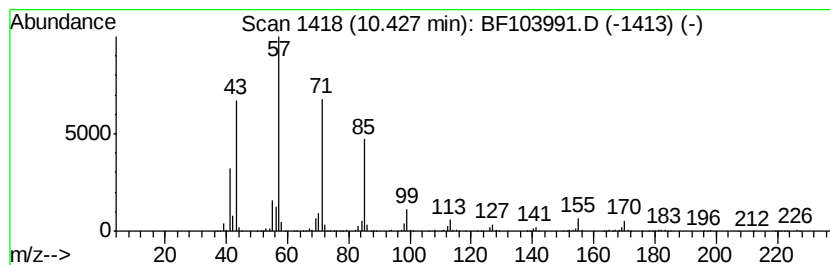
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Pentadecane, 7-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.43	84.87 ng	2881710	Acenaphthene-d10	10.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	76
2		Pentadecane	212	C15H32	000629-62-9	72
3		Undecane	156	C11H24	001120-21-4	72
4		Hexadecane	226	C16H34	000544-76-3	70
5		Nonane, 5-butyl-	184	C13H28	017312-63-9	68



Data Path : Z:\HPCHEM1\BNA F\DATA\BF032718\
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Sample : J2048-01
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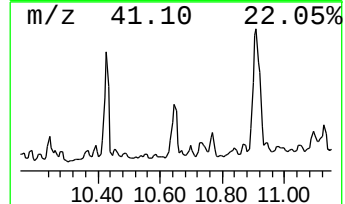
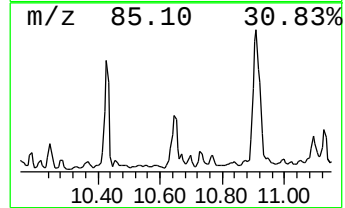
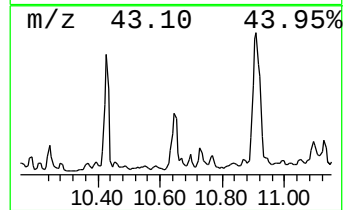
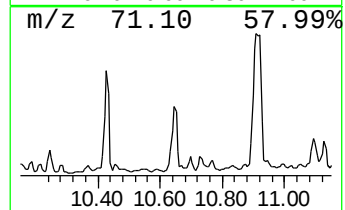
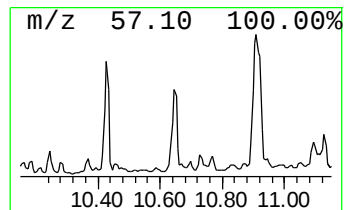
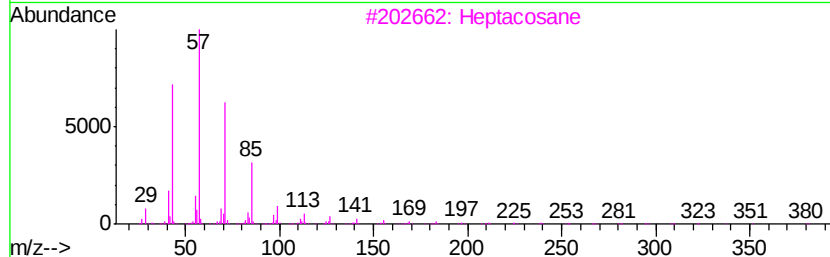
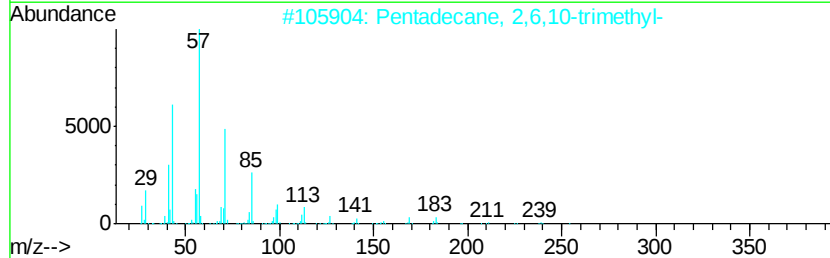
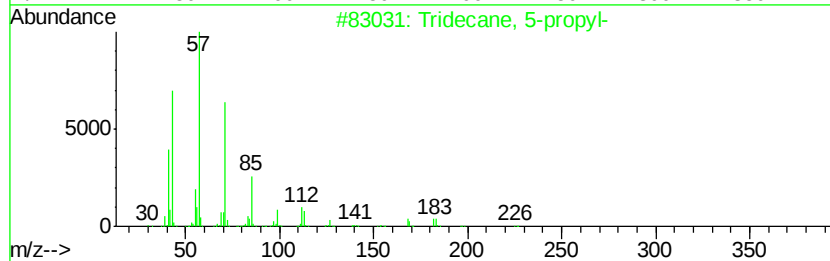
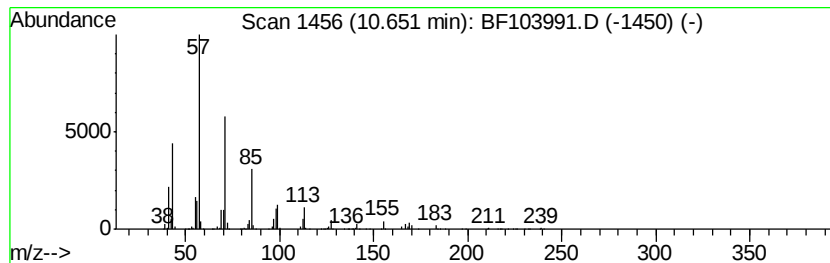
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Tridecane, 5-propyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.65	64.92 ng	2204280	Acenaphthene-d10	10.02	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	87
2	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	86
3	Heptacosane	380	C27H56	000593-49-7	80
4	Hexadecane	226	C16H34	000544-76-3	74
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032718\
Data File : BF103991.D
Acq On : 28 Mar 2018 00:43
Operator : JU/SJ
Sample : J2048-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-108(4-5)

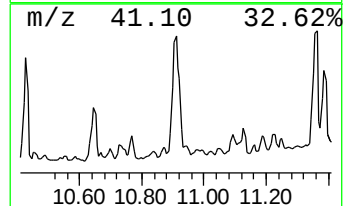
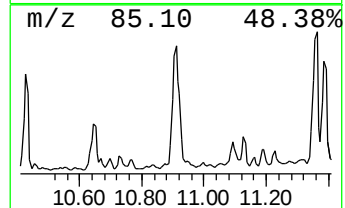
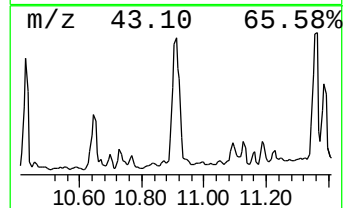
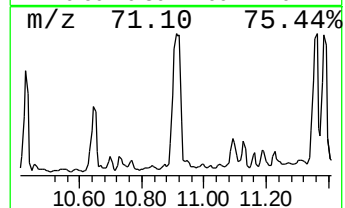
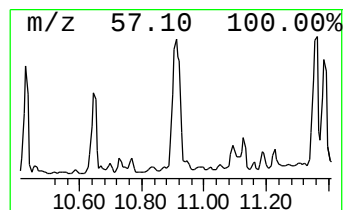
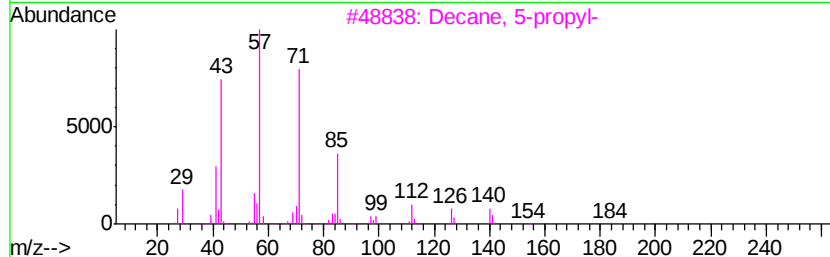
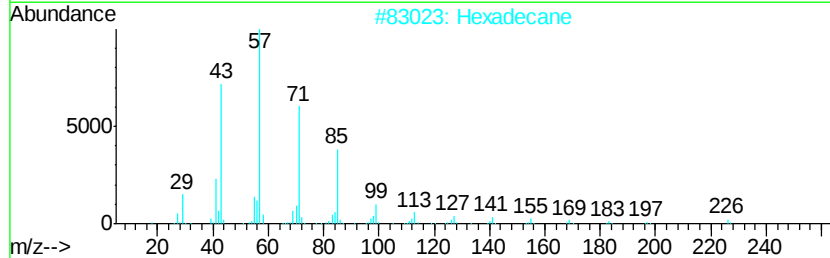
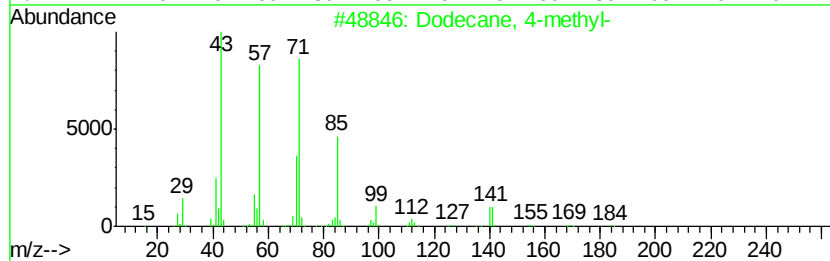
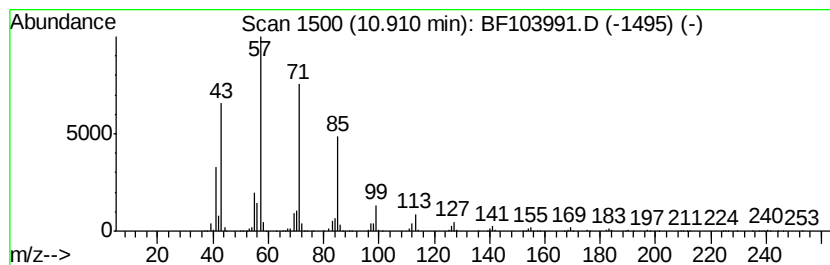
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Dodecane, 4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.91	112.67 ng	5951380	Phenanthrene-d10	11.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 4-methyl-	184	C13H28	006117-97-1	90
2		Hexadecane	226	C16H34	000544-76-3	90
3		Decane, 5-propyl-	184	C13H28	017312-62-8	87
4		Tetradecane, 4-methyl-	212	C15H32	025117-24-2	81
5		Tridecane, 3-ethyl-	212	C15H32	013286-73-2	81



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032718\
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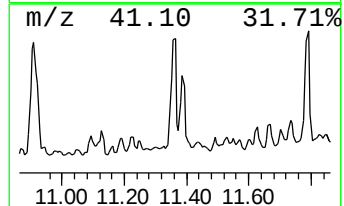
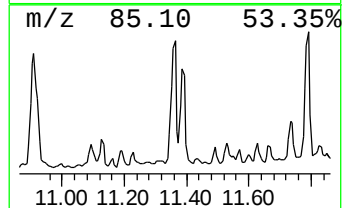
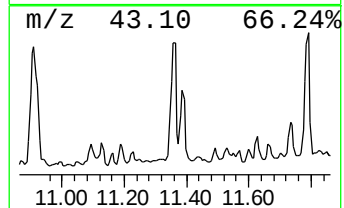
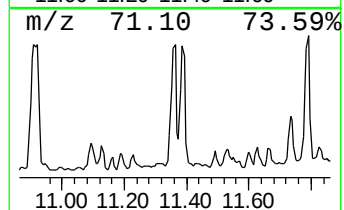
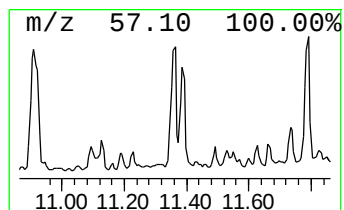
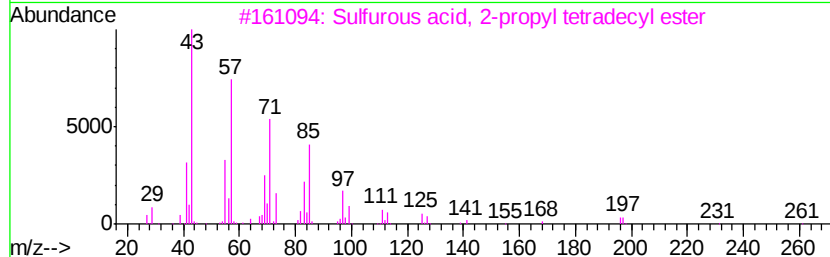
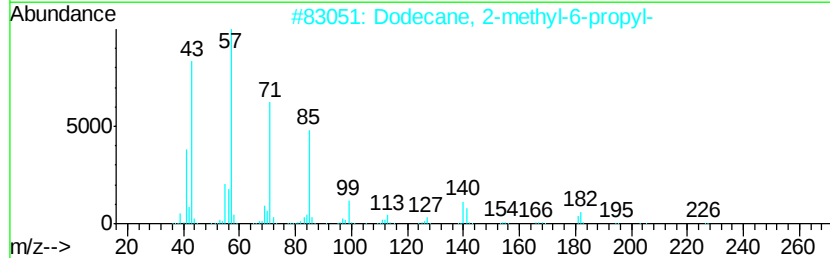
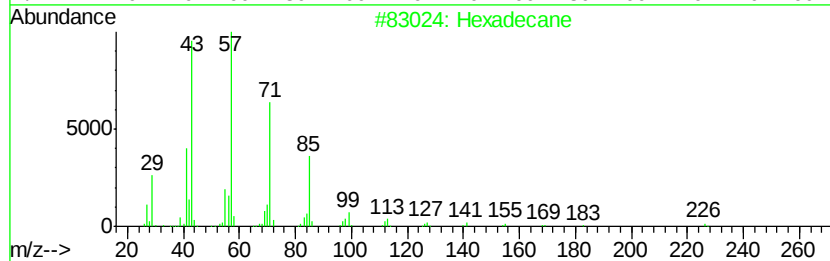
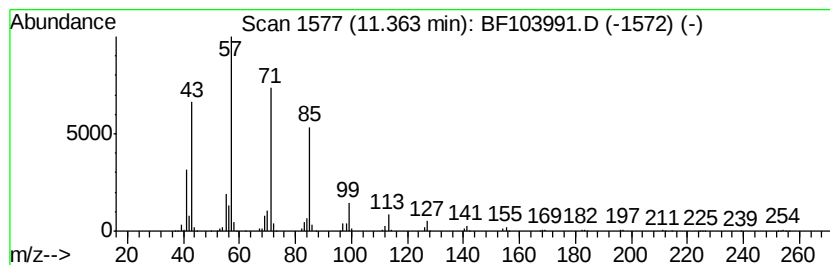
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Hexadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.36	72.37 ng	3822500	Phenanthrene-d10	11.51
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane		226 C16H34	000544-76-3 95
2	Dodecane, 2-methyl-6-propyl-		226 C16H34	055045-08-4 90
3	Sulfurous acid, 2-propyl tetradec...		320 C17H36O3S	1000309-12-5 90
4	Heptadecane, 8-methyl-		254 C18H38	013287-23-5 83
5	Pentadecane, 4-methyl-		226 C16H34	002801-87-8 81



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Data File : BF103991.D
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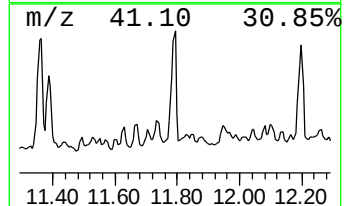
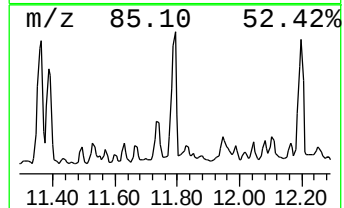
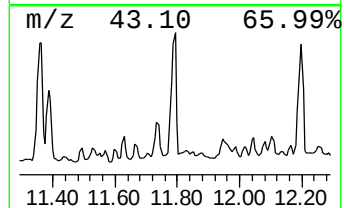
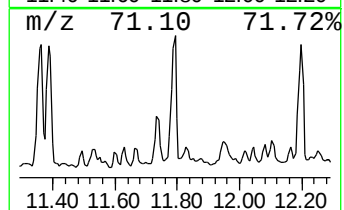
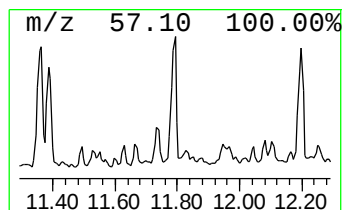
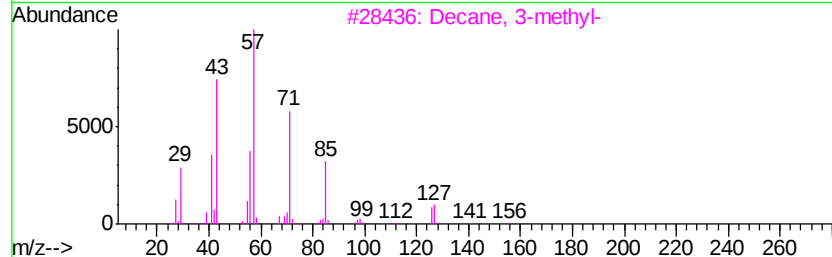
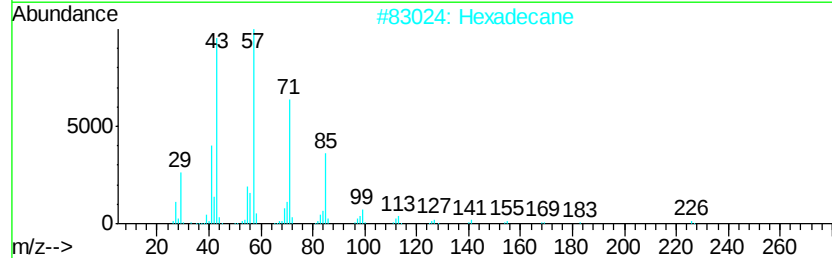
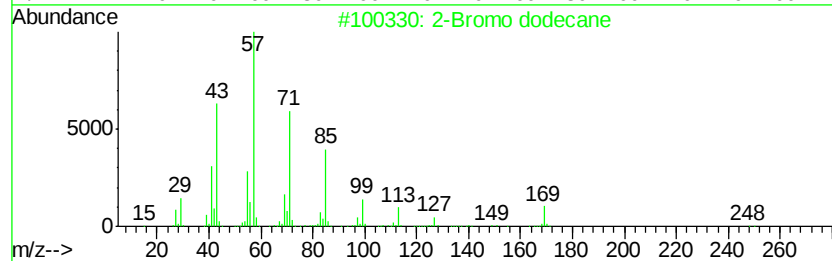
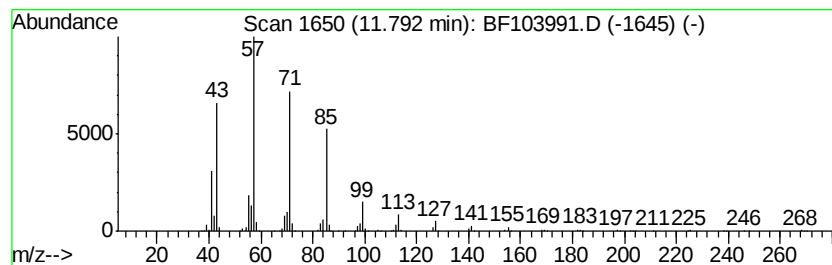
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 2-Bromo dodecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	74.95 ng	3958760	Phenanthrene-d10	11.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Bromo dodecane	248	C12H25Br	013187-99-0	90
2		Hexadecane	226	C16H34	000544-76-3	90
3		Decane, 3-methyl-	156	C11H24	013151-34-3	80
4		Pentadecane	212	C15H32	000629-62-9	80
5		Decane, 3-bromo-	220	C10H21Br	030571-71-2	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF032718\
Data File : BF103991.D
Acq On : 28 Mar 2018 00:43
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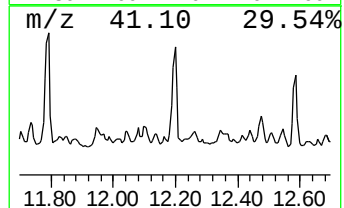
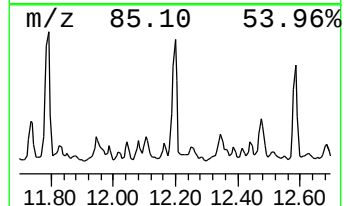
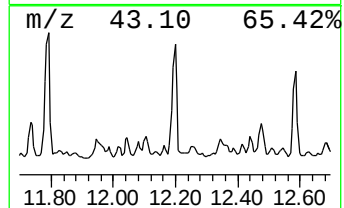
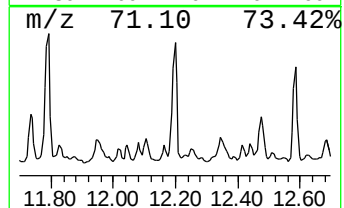
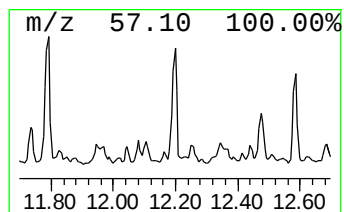
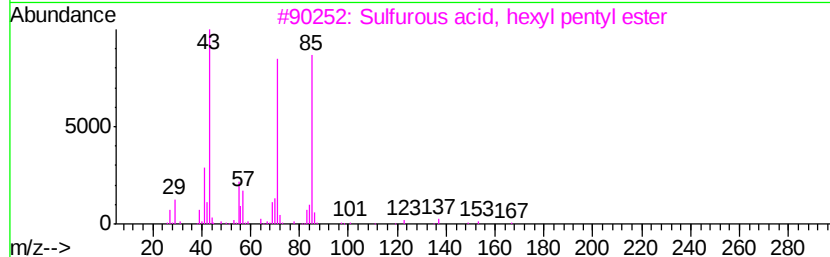
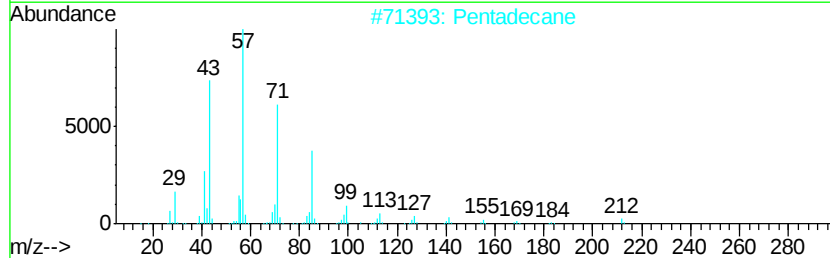
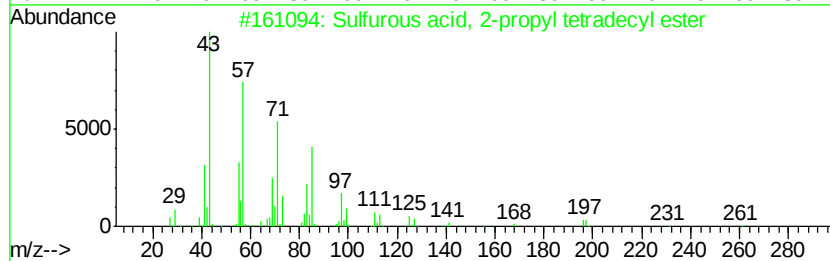
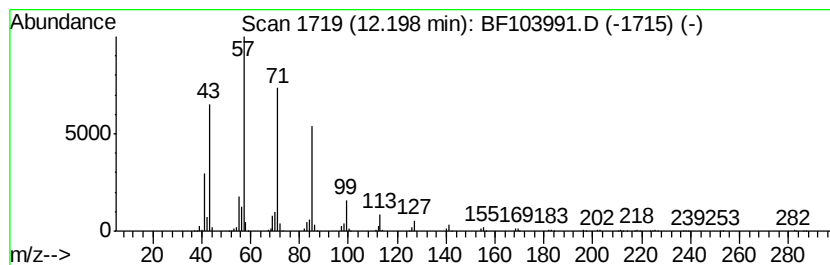
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Sulfurous acid, 2-propyl te... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.20	56.97 ng	3009080	Phenanthrene-d10	11.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, 2-propyl tetradec...	320	C17H36O3S	1000309-12-5	90
2		Pentadecane	212	C15H32	000629-62-9	80
3		Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	72
4		Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	72
5		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	59



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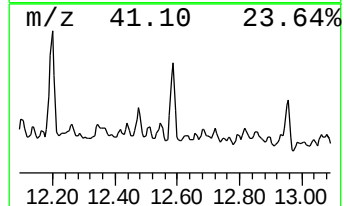
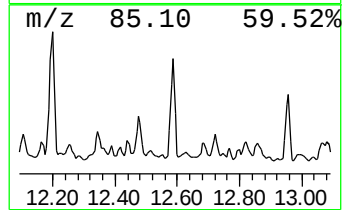
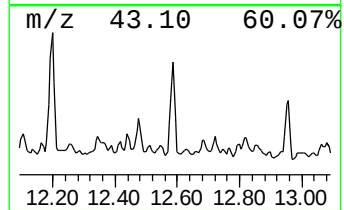
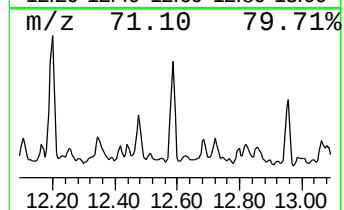
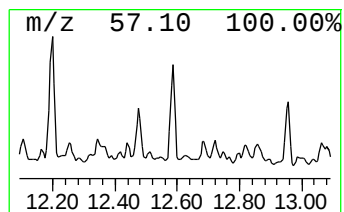
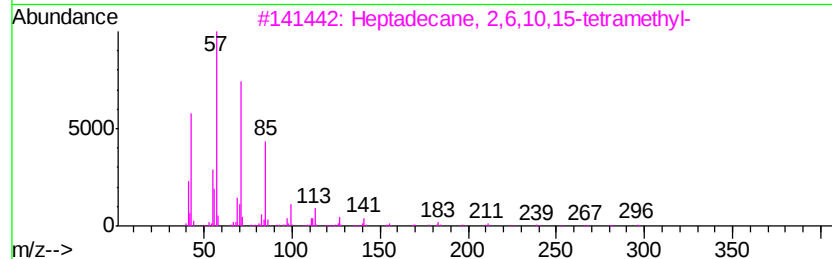
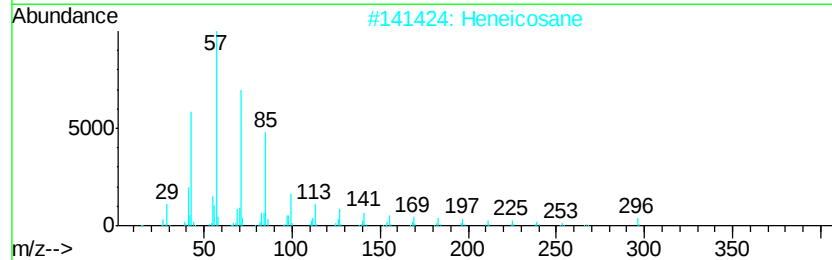
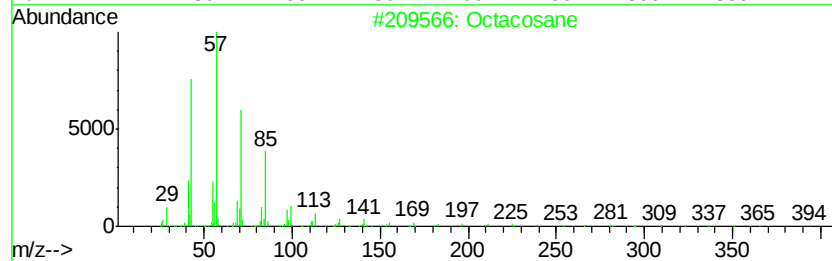
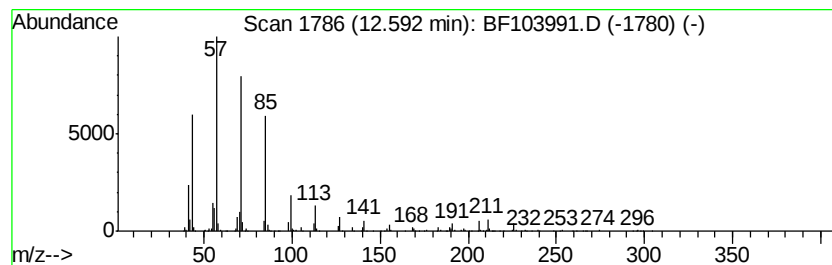
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Octacosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	51.68 ng	2729600	Phenanthrene-d10	11.51

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane		394	C28H58	000630-02-4	90
2	Heneicosane		296	C21H44	000629-94-7	87
3	Heptadecane, 2,6,10,15-tetramethyl-		296	C21H44	054833-48-6	86
4	Tetradecane		198	C14H30	000629-59-4	86
5	Hexadecane		226	C16H34	000544-76-3	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032718\
 Data File : BF103991.D
 Acq On : 28 Mar 2018 00:43
 Operator : JU/SJ
 Sample : J2048-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-108(4-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.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
Benzene, 1-ethyl-...	6.53	60.8	ng	2191430	1	6.97	720802	20.0
unknown6.75	6.75	74.6	ng	2688190	1	6.97	720802	20.0
Benzene, 1,2,3-tr...	6.80	196.4	ng	7079810	1	6.97	720802	20.0
trans-Cinnamyl br...	7.07	67.1	ng	2419850	1	6.97	720802	20.0
Indane	7.16	69.3	ng	2496200	1	6.97	720802	20.0
Indene	7.24	159.3	ng	5742450	1	6.97	720802	20.0
Benzene, 2-ethyl-...	7.29	50.7	ng	1828810	1	6.97	720802	20.0
Naphthalene, 2-et...	9.53	52.0	ng	1767400	3	10.02	679084	20.0
Naphthalene, 1,7-...	9.60	128.6	ng	4365110	3	10.02	679084	20.0
Naphthalene, 1,3-...	9.79	80.1	ng	2719880	3	10.02	679084	20.0
Pentadecane, 7-me...	10.43	84.9	ng	2881710	3	10.02	679084	20.0
Tridecane, 5-propyl-	10.65	64.9	ng	2204280	3	10.02	679084	20.0
Dodecane, 4-methyl-	10.91	112.7	ng	5951380	4	11.51	1056420	20.0
Hexadecane	11.36	72.4	ng	3822500	4	11.51	1056420	20.0
2-Bromo dodecane	11.79	75.0	ng	3958760	4	11.51	1056420	20.0
Sulfurous acid, 2...	12.20	57.0	ng	3009080	4	11.51	1056420	20.0
Octacosane	12.59	51.7	ng	2729600	4	11.51	1056420	20.0