

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071817\
 Data File : BF096839.D
 Acq On : 18 Jul 2017 11:11
 Operator : SJ/JU
 Sample : I4205-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-TWP07

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON Filtering: 5
 Sampling : 1 Min Area: 3 % of largest Peak
 Start Thrs: 0.2 Max Peaks: 100
 Stop Thrs : 0 Peak Location: TOP

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

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.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	4.775	469	474	480	rBV	677477	751853	28.23%	1.562%
2	5.204	544	547	555	rVB	604876	582833	21.88%	1.210%
3	5.851	654	657	664	rVB4	54002	85317	3.20%	0.177%
4	6.128	700	704	714	rVB	103683	137043	5.14%	0.285%
5	6.240	719	723	727	rVV	763245	724289	27.19%	1.504%
6	6.363	738	744	749	rBV	1384817	1297648	48.72%	2.695%
7	6.598	777	784	787	rVV	711466	698562	26.23%	1.451%
8	6.663	792	795	799	rBV3	54763	101617	3.81%	0.211%
9	6.751	804	810	815	rVV	1858638	1920661	72.11%	3.989%
10	6.875	828	831	836	rVB3	75683	103261	3.88%	0.214%
11	6.998	848	852	854	rBV2	128478	129815	4.87%	0.270%
12	7.163	870	880	883	rVV	1423997	1783333	66.95%	3.704%
13	7.210	883	888	891	rVB3	67317	107832	4.05%	0.224%
14	7.251	891	895	898	rBV4	119026	169963	6.38%	0.353%
15	7.292	898	902	905	rVV	114017	114577	4.30%	0.238%
16	7.357	910	913	915	rBV	85737	107692	4.04%	0.224%
17	7.404	918	921	926	rVB3	131792	163296	6.13%	0.339%
18	7.628	955	959	961	rVV2	138735	147585	5.54%	0.307%
19	7.716	972	974	978	rVB4	89892	108015	4.06%	0.224%
20	7.787	983	986	990	rVB4	71871	88738	3.33%	0.184%
21	7.834	990	994	995	rBV2	80460	96941	3.64%	0.201%
22	7.881	997	1002	1004	rVV	1123787	1218598	45.75%	2.531%
23	7.904	1004	1006	1008	rVV2	264102	293684	11.03%	0.610%
24	7.934	1008	1011	1014	rVV	367040	431872	16.21%	0.897%
25	7.963	1014	1016	1020	rVV	221345	224342	8.42%	0.466%
26	8.016	1022	1025	1028	rVB2	155254	158454	5.95%	0.329%
27	8.063	1028	1033	1034	rBV2	135784	209466	7.86%	0.435%
28	8.098	1037	1039	1042	rVB2	171623	136089	5.11%	0.283%
29	8.175	1048	1052	1056	rVB5	183640	293978	11.04%	0.611%
30	8.216	1056	1059	1061	rBV2	120934	122258	4.59%	0.254%
31	8.269	1066	1068	1073	rVB4	171860	232880	8.74%	0.484%
32	8.328	1073	1078	1081	rBV2	613392	834092	31.31%	1.732%
33	8.434	1094	1096	1098	rVV2	201633	205784	7.73%	0.427%
34	8.492	1101	1106	1111	rVV8	210904	524558	19.69%	1.089%

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Filtering: 5
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.539	1112	1114	1117	rVV3	256991	329759	12.38%	0.685%
36	8.581	1117	1121	1125	rVB4	401159	592989	22.26%	1.232%
37	8.634	1126	1130	1132	rBV3	141646	192939	7.24%	0.401%
38	8.686	1135	1139	1144	rVV2	433942	655503	24.61%	1.361%
39	8.728	1144	1146	1150	rVB2	145357	136522	5.13%	0.284%
40	8.804	1157	1159	1162	rVB2	141537	103863	3.90%	0.216%
41	8.922	1174	1179	1181	rBV	792989	888814	33.37%	1.846%
42	8.957	1181	1185	1188	rVB	2251405	2650917	99.52%	5.506%
43	9.057	1197	1202	1206	rBV5	299267	573865	21.54%	1.192%
44	9.104	1207	1210	1213	rVV2	306502	356697	13.39%	0.741%
45	9.163	1217	1220	1224	rVB2	357748	378159	14.20%	0.785%
46	9.216	1225	1229	1232	rBV2	358307	553038	20.76%	1.149%
47	9.292	1239	1242	1245	rBV	358508	371932	13.96%	0.772%
48	9.351	1249	1252	1254	rVV2	508039	663307	24.90%	1.378%
49	9.375	1254	1256	1259	rVV	1071401	954023	35.82%	1.981%
50	9.404	1259	1261	1263	rVV2	444325	435396	16.35%	0.904%
51	9.428	1263	1265	1267	rVB	309413	236804	8.89%	0.492%
52	9.486	1272	1275	1277	rBV3	169463	216919	8.14%	0.451%
53	9.545	1283	1285	1289	rVB2	325240	304754	11.44%	0.633%
54	9.581	1289	1291	1294	rBV2	260202	250973	9.42%	0.521%
55	9.628	1294	1299	1302	rBV	1341183	1582963	59.43%	3.288%
56	9.663	1302	1305	1306	rBV2	157277	133330	5.01%	0.277%
57	9.745	1316	1319	1323	rVB2	287465	372676	13.99%	0.774%
58	9.786	1323	1326	1328	rBV4	120695	185337	6.96%	0.385%
59	9.833	1330	1334	1338	rVV3	300044	557314	20.92%	1.157%
60	9.875	1338	1341	1343	rVB	328376	319483	11.99%	0.664%
61	9.904	1343	1346	1349	rVB2	476638	437056	16.41%	0.908%
62	9.951	1350	1354	1356	rBV	842941	859705	32.28%	1.786%
63	10.028	1360	1367	1370	rBV6	535501	1065639	40.01%	2.213%
64	10.080	1374	1376	1378	rVV	165833	105452	3.96%	0.219%
65	10.128	1381	1384	1386	rVB3	233357	229614	8.62%	0.477%
66	10.175	1389	1392	1394	rVB3	500029	462053	17.35%	0.960%
67	10.198	1394	1396	1398	rBV2	184005	144580	5.43%	0.300%
68	10.239	1400	1403	1405	rVV2	569434	497821	18.69%	1.034%
69	10.298	1409	1413	1416	rVB2	839145	1055614	39.63%	2.192%
70	10.333	1416	1419	1420	rBV	197960	168693	6.33%	0.350%
71	10.416	1429	1433	1437	rVB5	1099050	1247051	46.82%	2.590%

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72	10.457	1437	1440	1443	rBV4	332715	378472	14.21%	0.786%
73	10.522	1446	1451	1453	rBV5	152965	308914	11.60%	0.642%
74	10.569	1453	1459	1463	rVV	1733238	2279955	85.60%	4.735%
75	10.616	1465	1467	1470	rVV	351854	364856	13.70%	0.758%
76	10.639	1470	1471	1477	rVB3	205476	215529	8.09%	0.448%
77	10.751	1487	1490	1492	rBV2	558458	542973	20.38%	1.128%
78	10.775	1492	1494	1497	rVB3	180703	168705	6.33%	0.350%
79	10.833	1502	1504	1505	rBV2	152924	118745	4.46%	0.247%
80	10.851	1505	1507	1509	rBV3	125469	116716	4.38%	0.242%
81	10.963	1524	1526	1529	rVB3	153995	156426	5.87%	0.325%
82	10.998	1529	1532	1534	rVV2	321903	321603	12.07%	0.668%
83	11.027	1534	1537	1543	rVB	799418	866027	32.51%	1.799%
84	11.104	1547	1550	1553	rVB	963337	873894	32.81%	1.815%
85	11.133	1553	1555	1559	rBV3	107601	152236	5.72%	0.316%
86	11.222	1567	1570	1572	rBV3	133770	165685	6.22%	0.344%
87	11.375	1594	1596	1601	rVB2	202706	188398	7.07%	0.391%
88	11.433	1601	1606	1609	rVV3	294447	491009	18.43%	1.020%
89	11.463	1609	1611	1617	rVV5	216168	282798	10.62%	0.587%
90	11.516	1617	1620	1627	rVB3	182749	250174	9.39%	0.520%
91	11.604	1633	1635	1638	rBV3	108716	134811	5.06%	0.280%
92	11.651	1641	1643	1646	rVB	132691	105904	3.98%	0.220%
93	11.739	1656	1658	1665	rVB3	170718	207877	7.80%	0.432%
94	11.839	1670	1675	1678	rVB2	76754	118729	4.46%	0.247%
95	12.104	1718	1720	1723	rVB2	97576	87564	3.29%	0.182%
96	12.151	1725	1728	1731	rBV	120810	130222	4.89%	0.270%
97	12.692	1814	1820	1823	rBV	2538089	2663621	100.00%	5.532%
98	13.592	1969	1973	1979	rVB	243492	250327	9.40%	0.520%
99	13.727	1991	1996	1999	rBV	1035976	1002505	37.64%	2.082%
100	15.098	2224	2229	2234	rBV	536584	626045	23.50%	1.300%

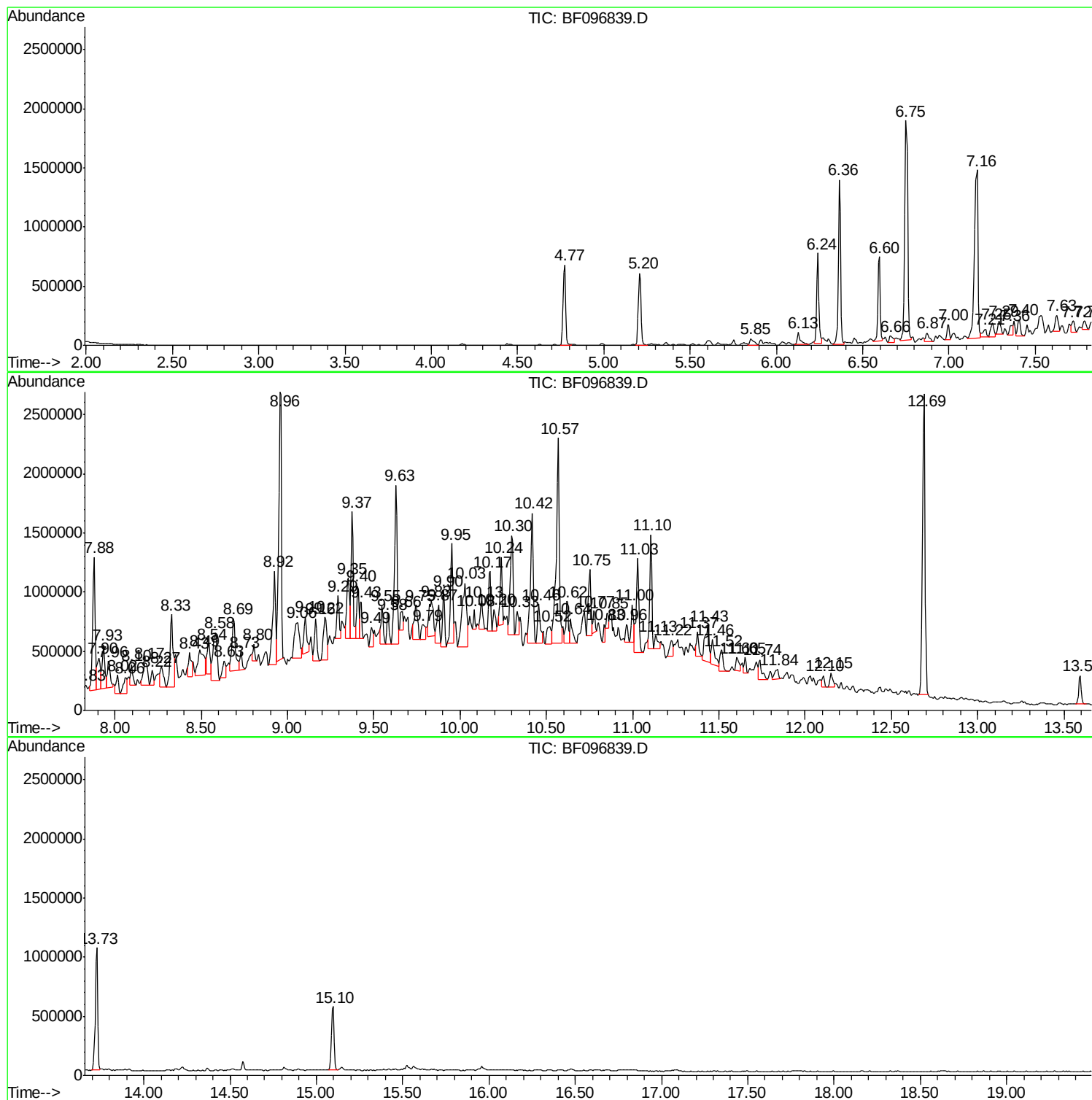
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Instrument :
BNA_F
ClientSampled :
NB-TWP07

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.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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Instrument :
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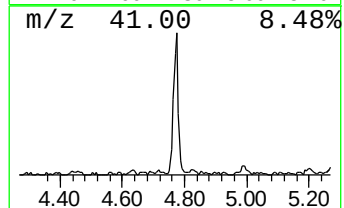
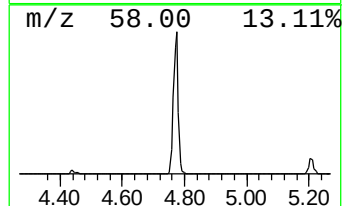
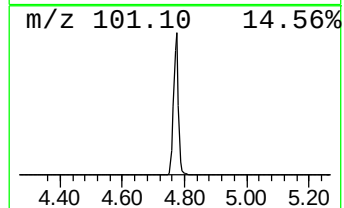
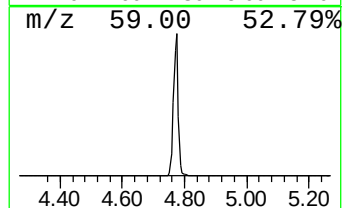
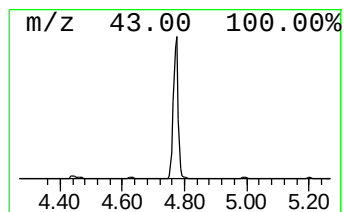
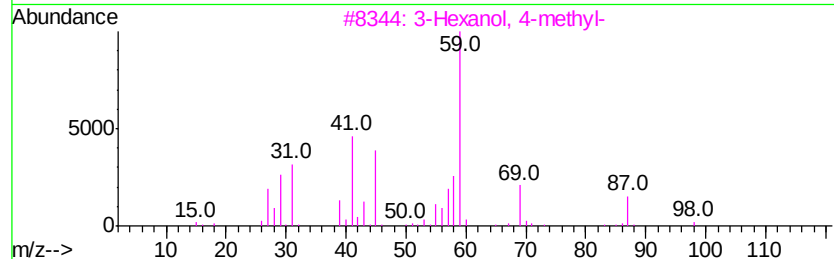
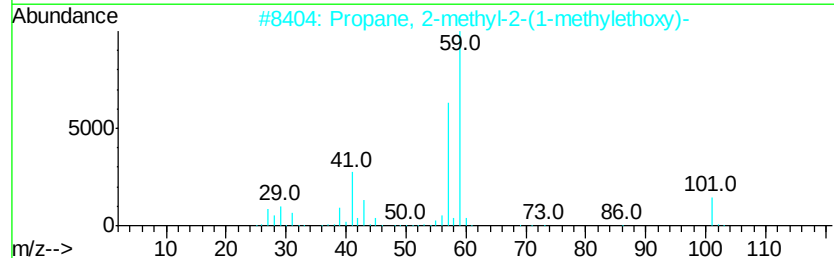
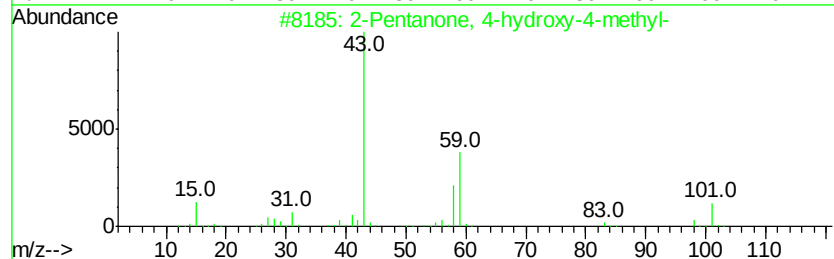
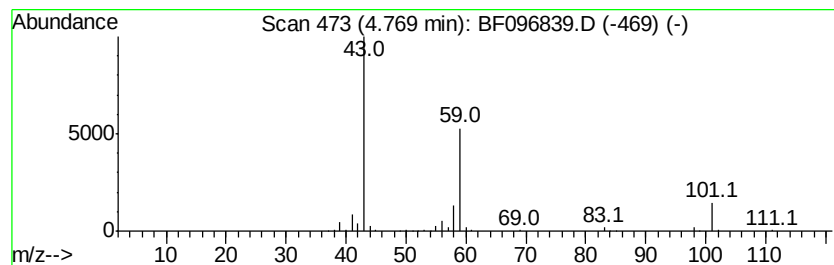
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.77	21.53 ng	751853	1,4-Dichlorobenzene-d4	6.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
5		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28



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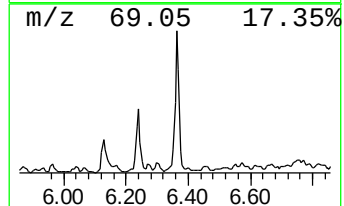
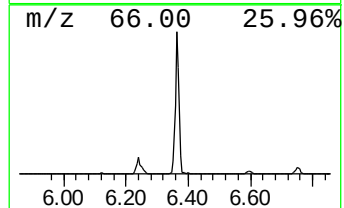
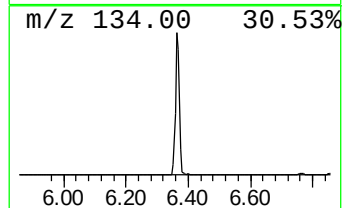
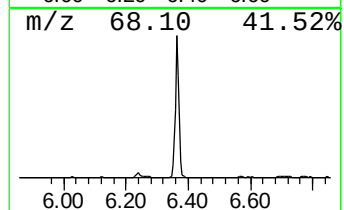
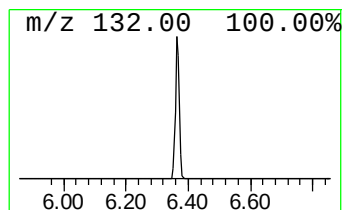
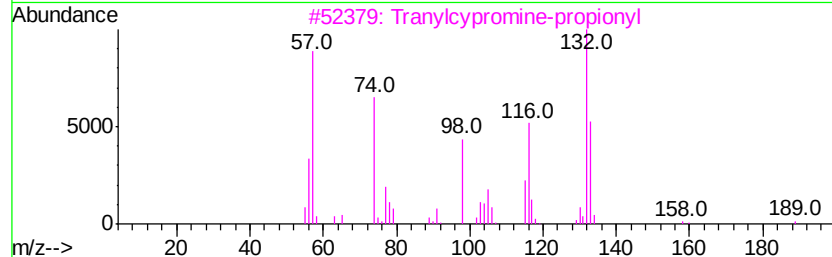
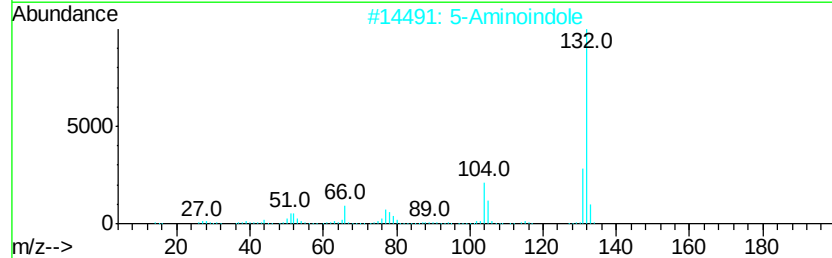
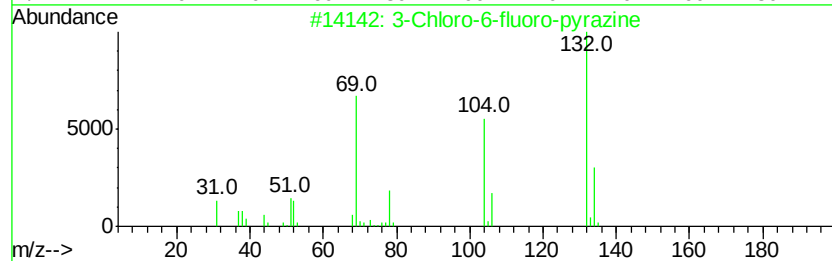
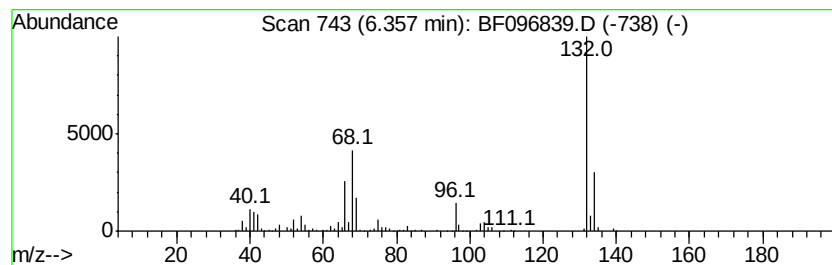
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.36 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.36	37.15 ng	1297650	1,4-Dichlorobenzene-d4	6.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Aminoindole	132	C8H8N2	005192-03-0	12
3		Tranvlcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5		1-Aminoindan	133	C9H11N	034698-41-4	9



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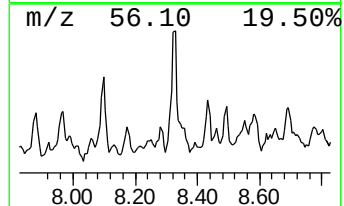
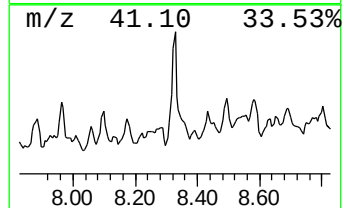
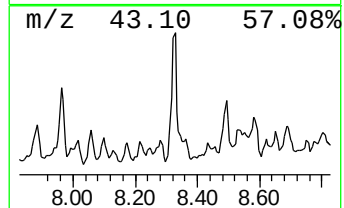
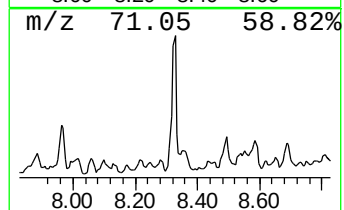
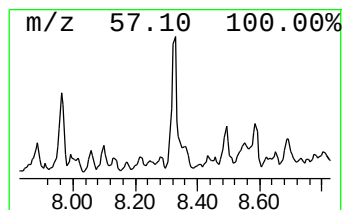
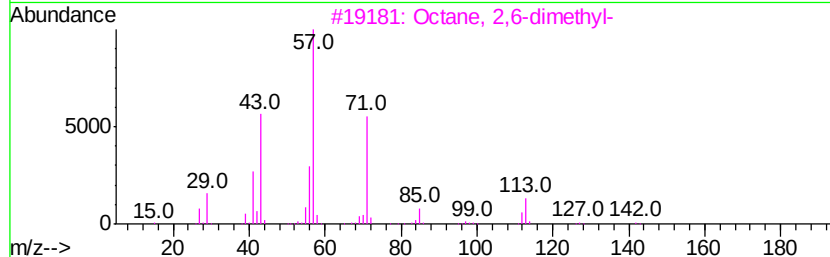
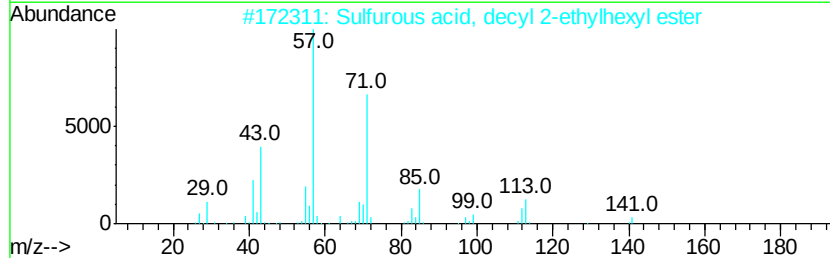
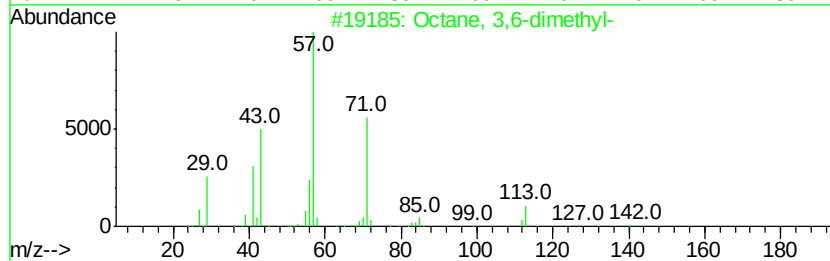
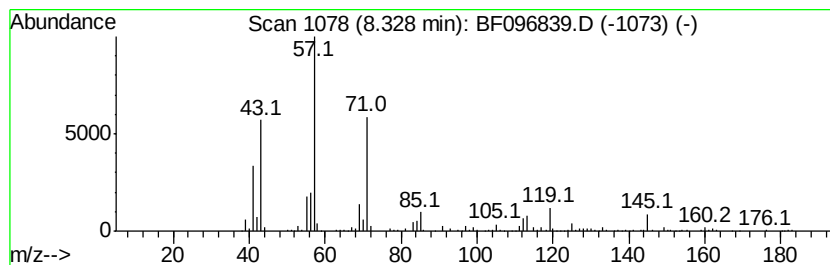
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Octane, 3,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.33	13.69 ng	834092	Napthalene-d8	7.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	59
2		Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	53
3		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	53
4		Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	53
5		Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	50



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Acq On : 18 Jul 2017 11:11
Operator : SJ/JU
Sample : I4205-02
Misc :
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Instrument :
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ClientSampleId :
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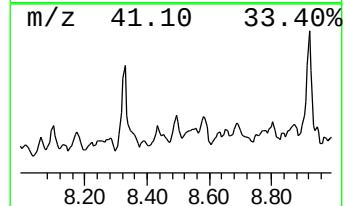
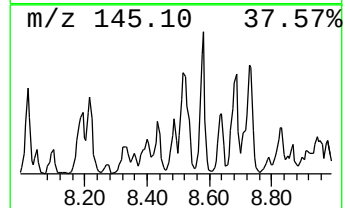
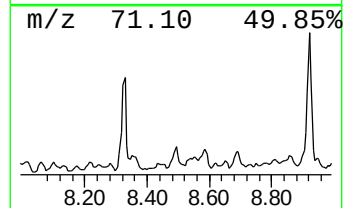
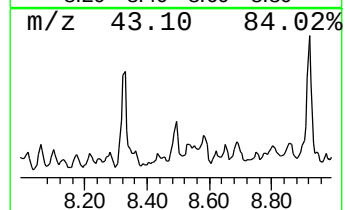
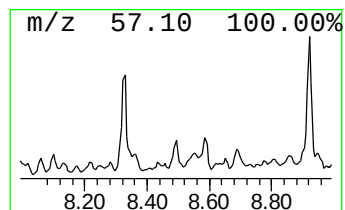
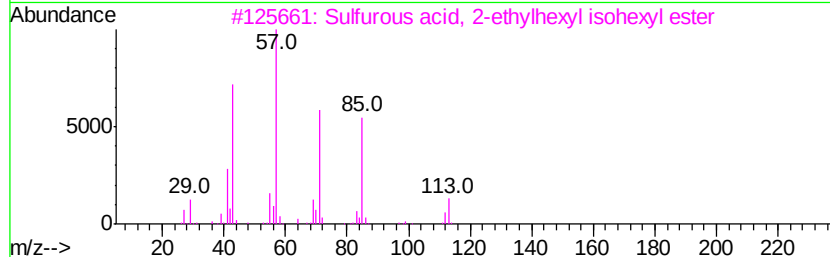
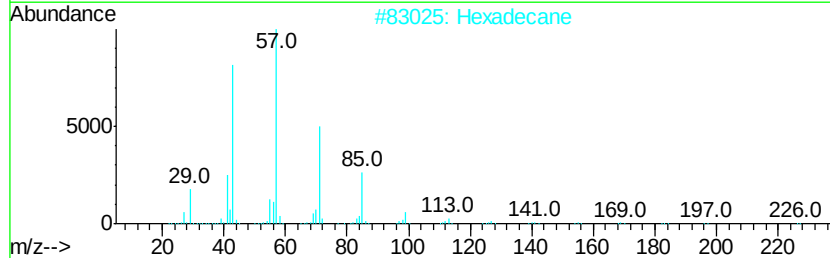
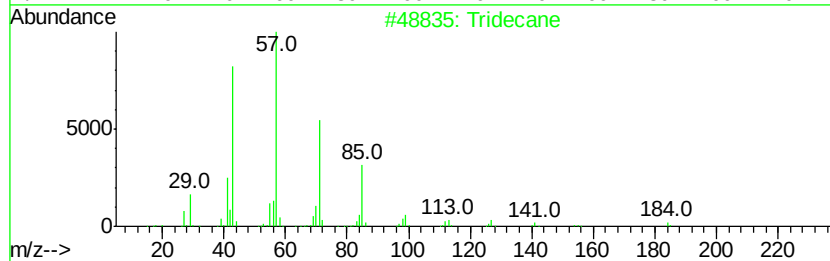
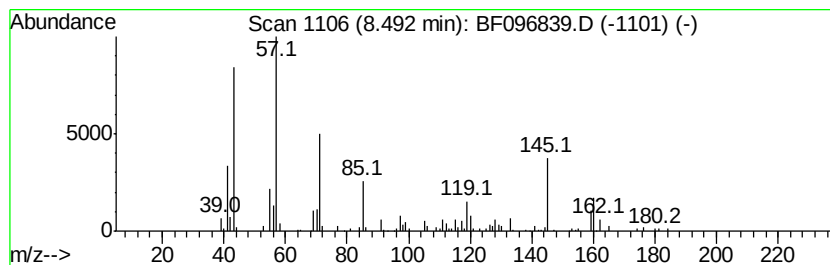
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 unknown8.49 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.49	8.61 ng	524558	Napthalene-d8	7.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	49
2		Hexadecane	226	C16H34	000544-76-3	46
3		Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	43
4		Undecane, 5-methyl-	170	C12H26	001632-70-8	43
5		1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF071817\
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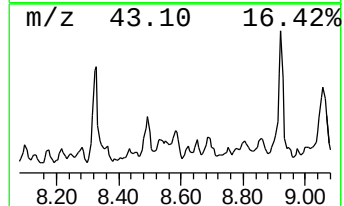
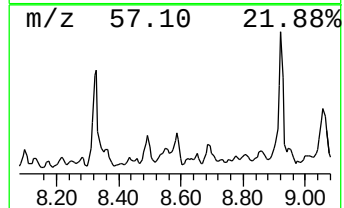
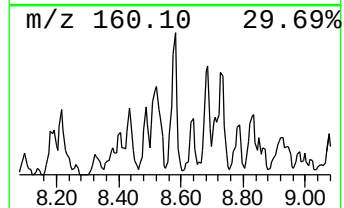
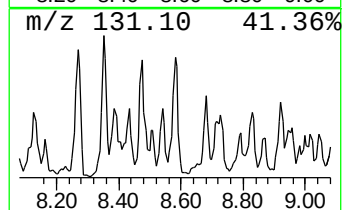
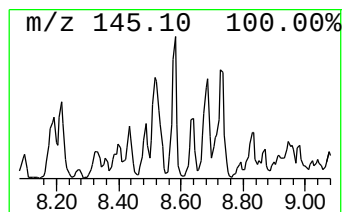
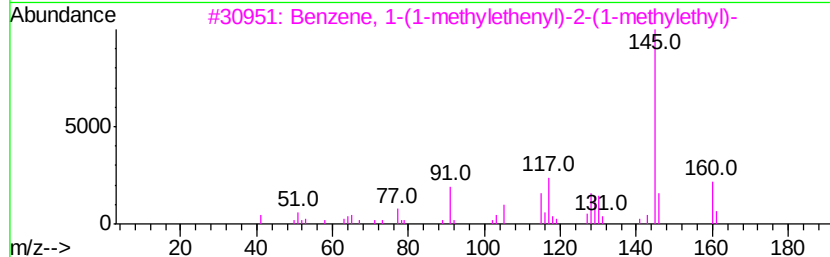
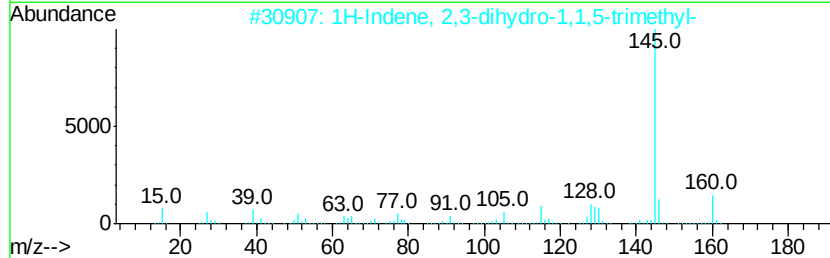
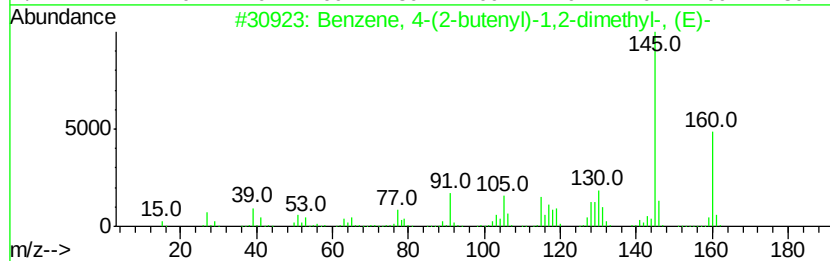
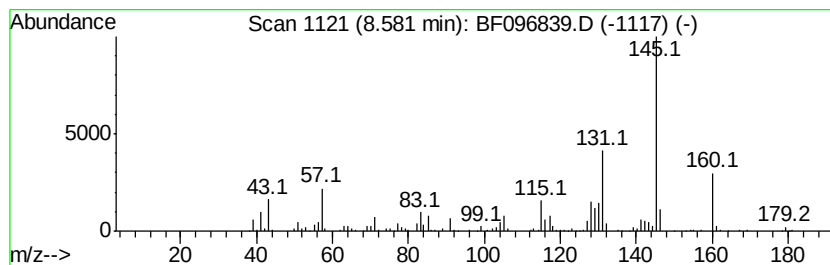
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzene, 4-(2-butenyl)-1,2-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.58	9.73 ng	592989	Naphthalene-d8	7.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	76
2		1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	70
3		Benzene, 1-(1-methylethenyl)-2-(...	160	C12H16	005557-93-7	70
4		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	64
5		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF071817\
Data File : BF096839.D
Acq On : 18 Jul 2017 11:11
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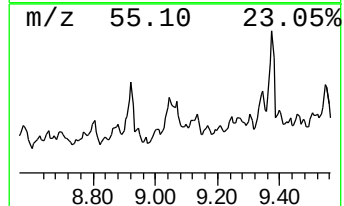
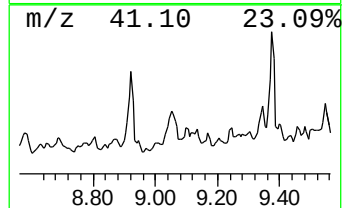
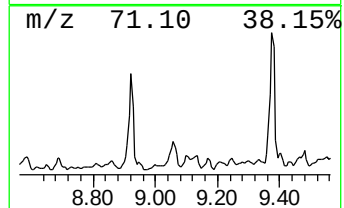
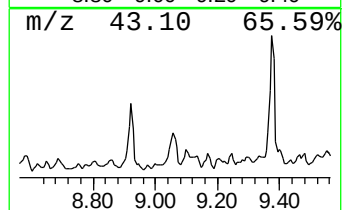
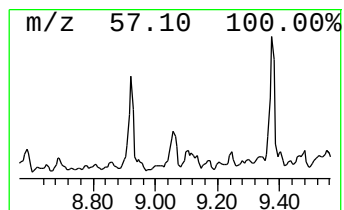
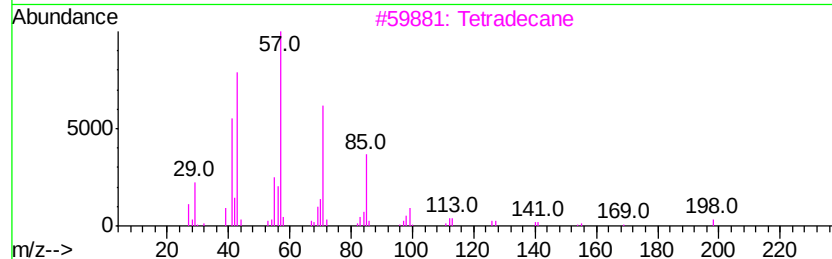
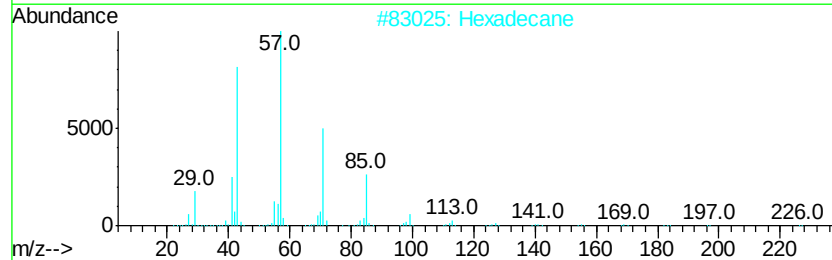
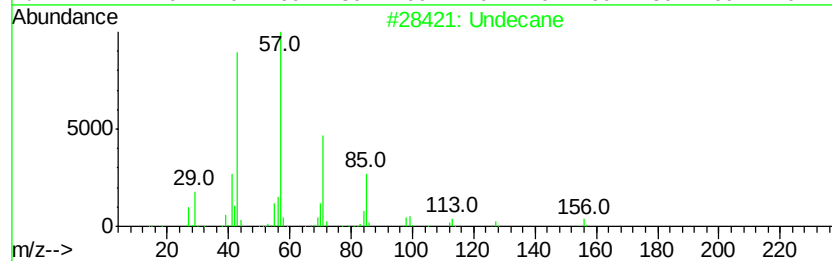
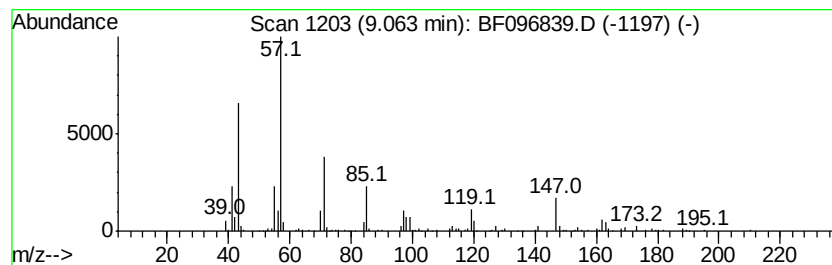
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Undecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.06	7.25 ng	573865	Acenaphthene-d10	9.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane	156	C11H24	001120-21-4	58
2		Hexadecane	226	C16H34	000544-76-3	58
3		Tetradecane	198	C14H30	000629-59-4	58
4		Octacosane	394	C28H58	000630-02-4	53
5		1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071817\
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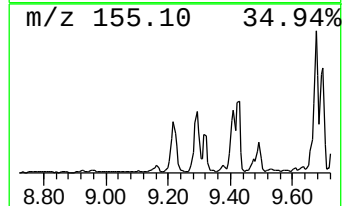
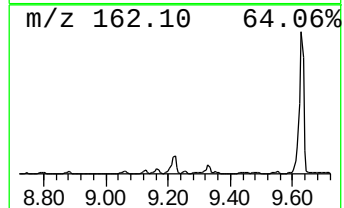
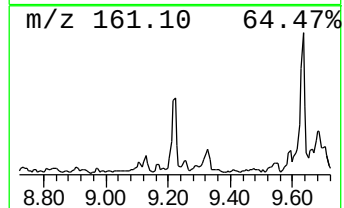
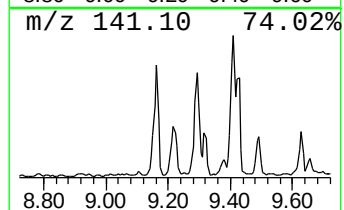
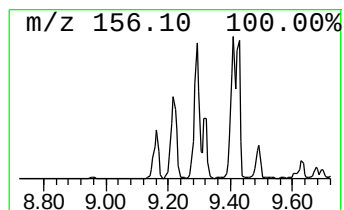
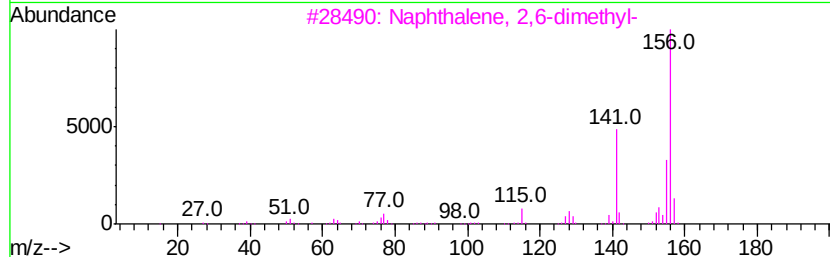
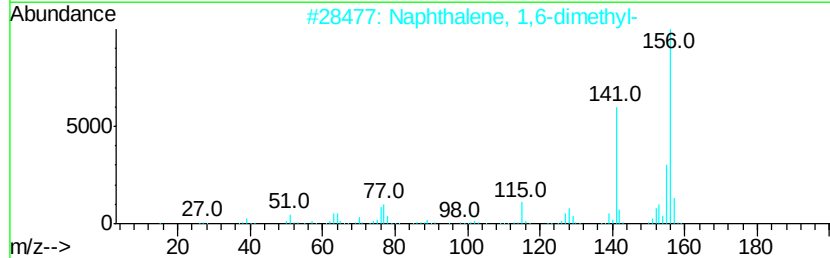
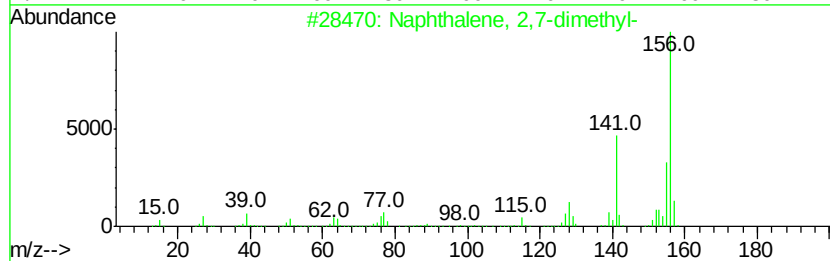
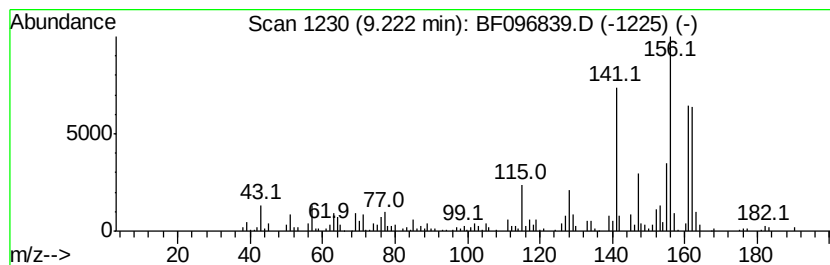
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 2,7-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.22	6.99 ng	553038	Acenaphthene-d10	9.63
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 90
2		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 78
3		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 78
4		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 78
5		Naphthalene, 1,5-dimethyl-	156 C12H12	000571-61-9 60



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071817\
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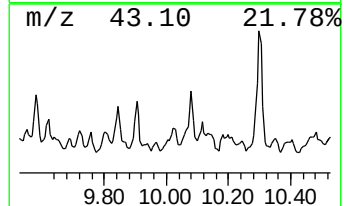
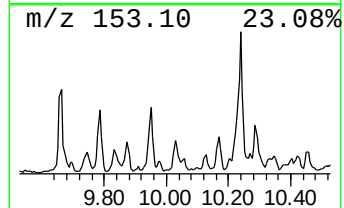
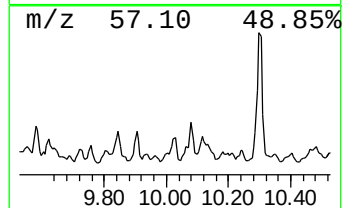
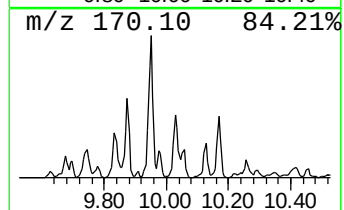
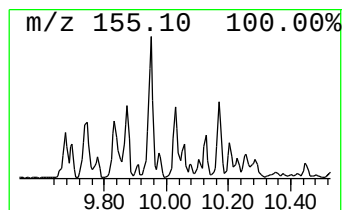
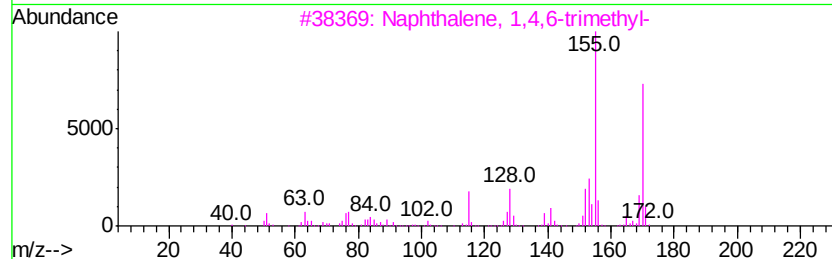
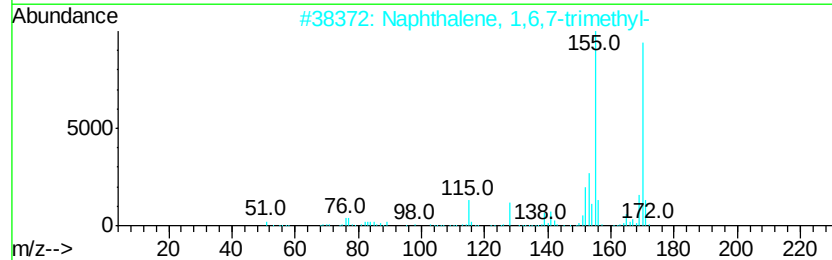
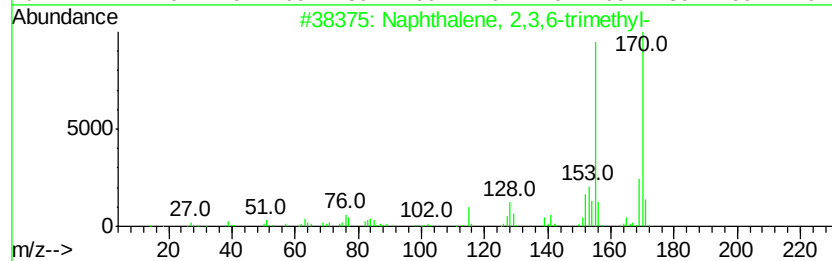
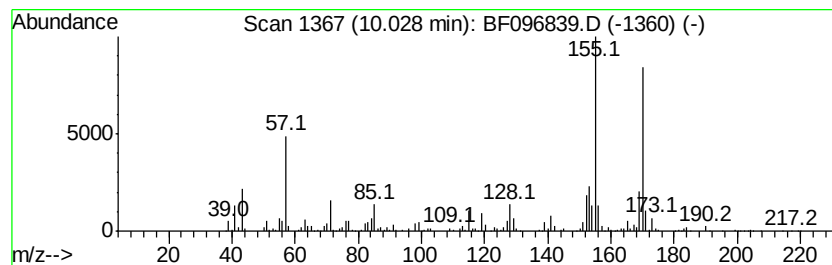
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 2,3,6-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.03	13.46 ng	1065640	Acenaphthene-d10	9.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
4		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	90
5		3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	87



Data Path : Z:\HPCHEM1\BNA F\DATA\BF071817\
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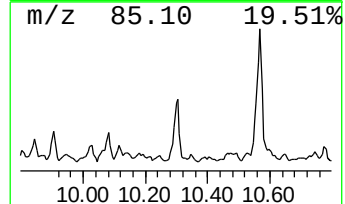
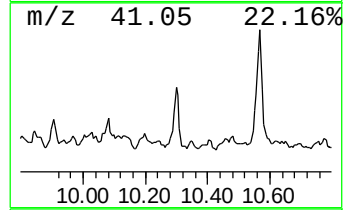
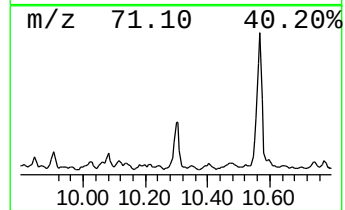
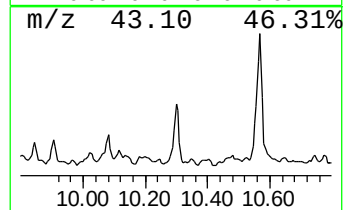
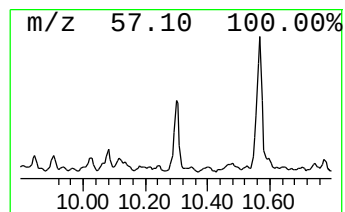
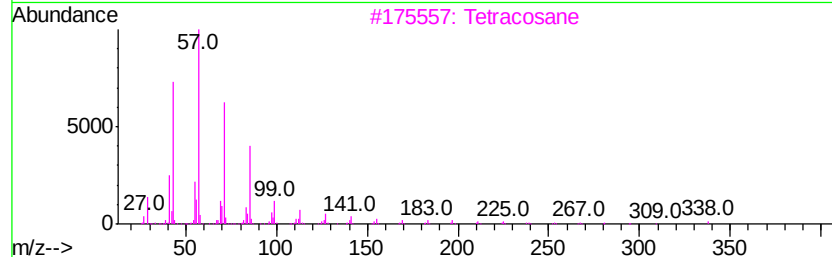
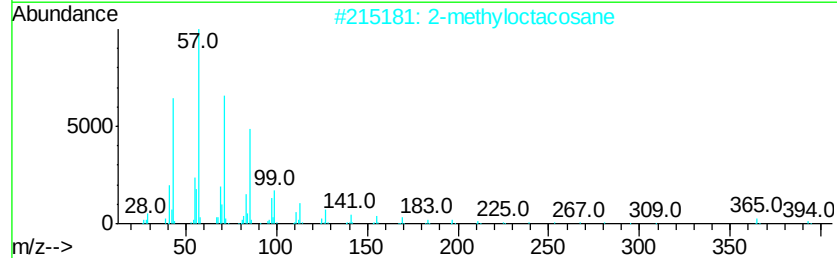
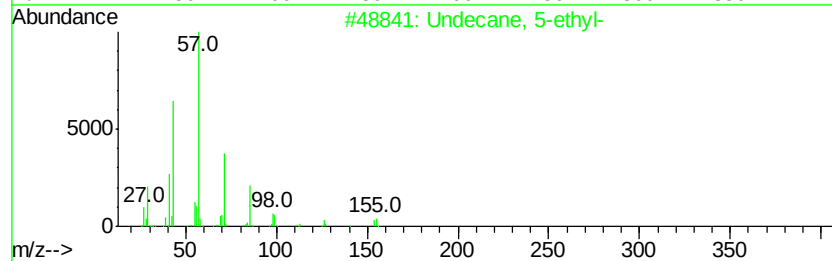
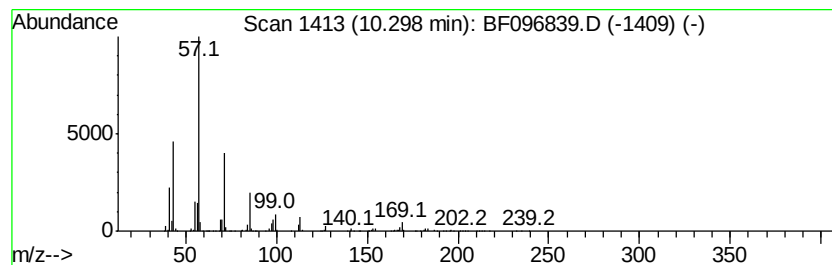
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Undecane, 5-ethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.30	13.34 ng	1055610	Acenaphthene-d10	9.63
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Undecane, 5-ethyl-	184 C13H28	017453-94-0	72
2	2-methyloctacosane	408 C29H60	1000376-72-8	64
3	Tetracosane	338 C24H50	000646-31-1	59
4	Heptacosane	380 C27H56	000593-49-7	53
5	Sulfurous acid, 2-ethylhexyl und...	348 C19H40O3S	1000309-19-4	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF071817\
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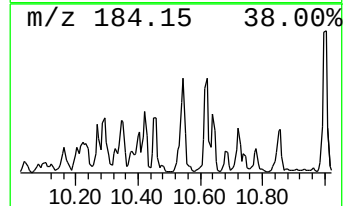
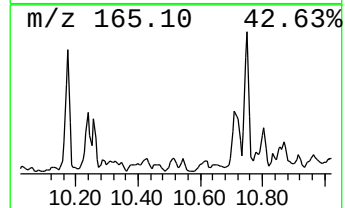
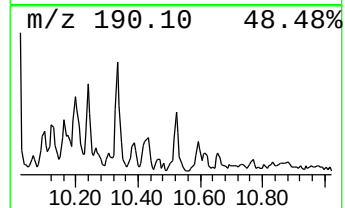
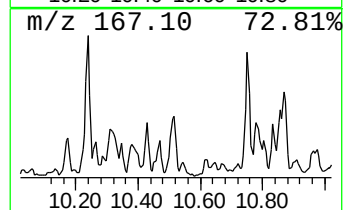
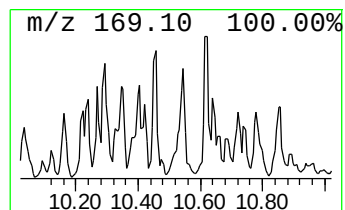
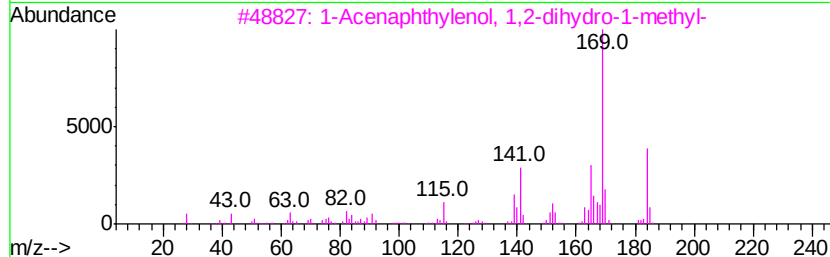
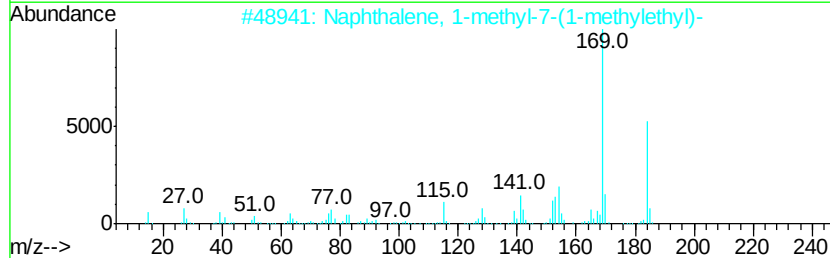
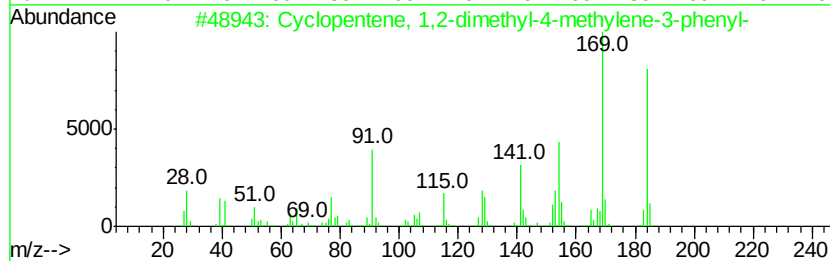
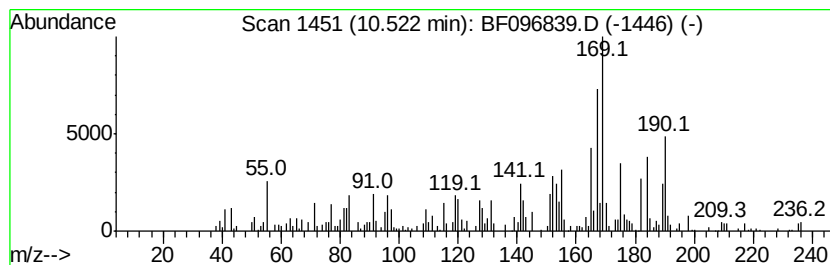
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown10.52 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.52	7.07 ng	308914	Phenanthrene-d10	11.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentene, 1,2-dimethyl-4-met...	184	C14H16	1000152-22-4	38
2		Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	38
3		1-Acenaphthyleneol, 1,2-dihydro-1...	184	C13H12O	041002-74-8	30
4		Ethanone, 1-(5-chloro-2-hydroxy-...	184	C9H9ClO2	028480-70-8	25
5		1,3-Diethyl-2-vinyl-2-methyl-1,3...	184	C9H20N2Si	051169-45-0	25



Data Path : Z:\HPCHEM1\BNA F\DATA\BF071817\
Data File : BF096839.D
Acq On : 18 Jul 2017 11:11
Operator : SJ/JU
Sample : I4205-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
NB-TWP07

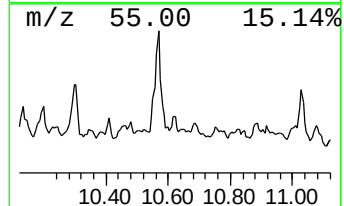
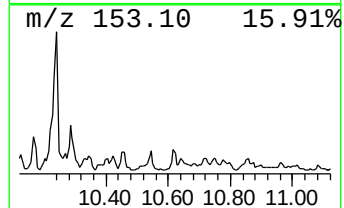
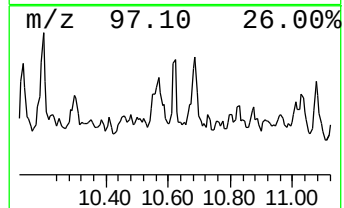
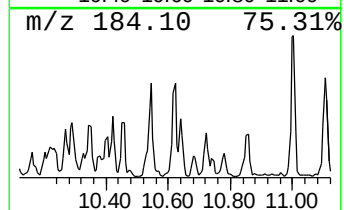
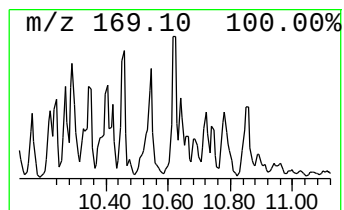
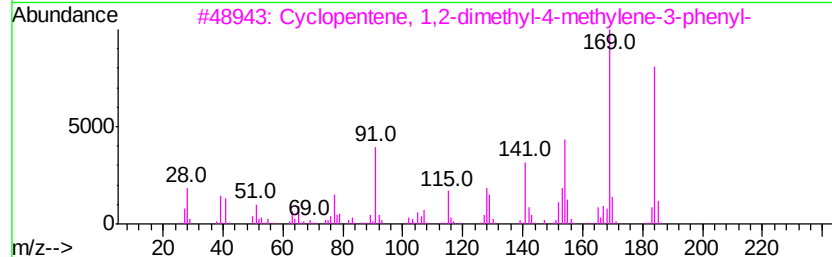
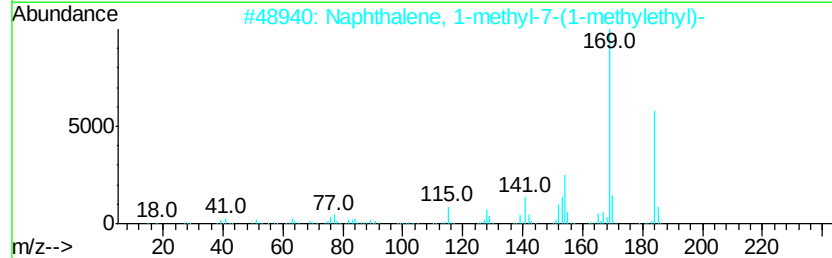
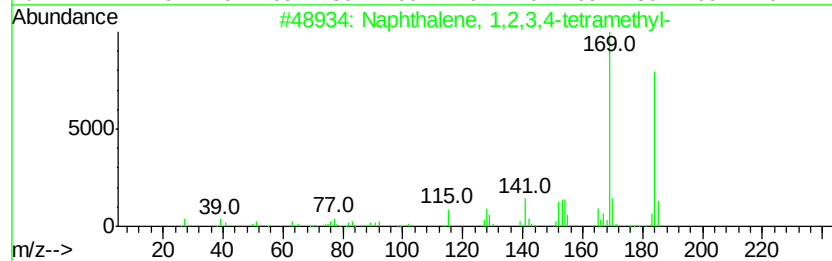
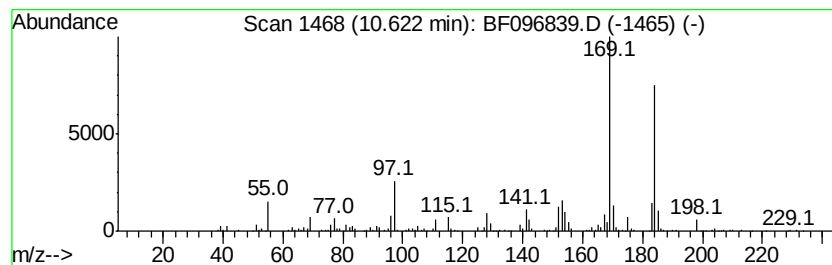
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Naphthalene, 1,2,3,4-tetram... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.62	8.35 ng	364856	Phenanthrene-d10	11.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	78
2		Naphthalene, 1-methyl-7-(1-methyl-...	184	C14H16	000490-65-3	70
3		Cyclopentene, 1,2-dimethyl-4-met...	184	C14H16	1000152-22-4	59
4		2,4,6(1H,3H,5H)-Pyrimidinetrione...	240	C12H20N2O3	055134-03-7	59
5		Phenol, 3,4,5-trimethoxy-	184	C9H12O4	000642-71-7	58



Data Path : Z:\HPCHEM1\BNA F\DATA\BF071817\
Data File : BF096839.D
Acq On : 18 Jul 2017 11:11
Operator : SJ/JU
Sample : I4205-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NB-TWP07

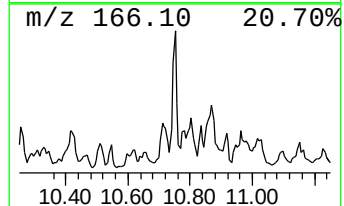
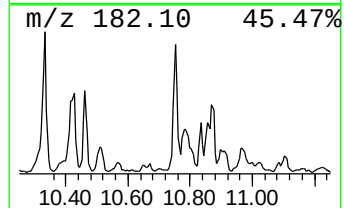
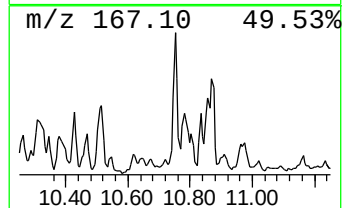
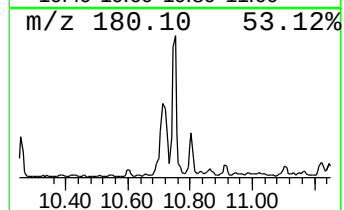
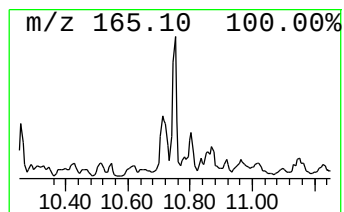
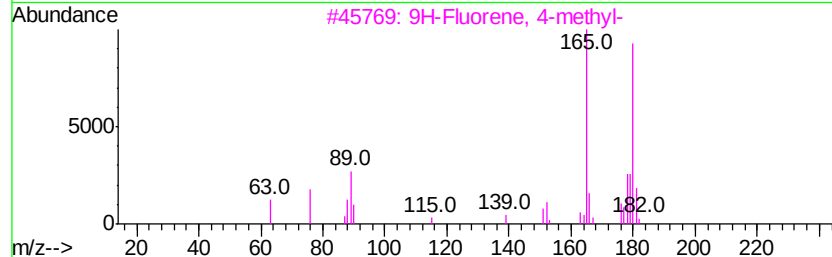
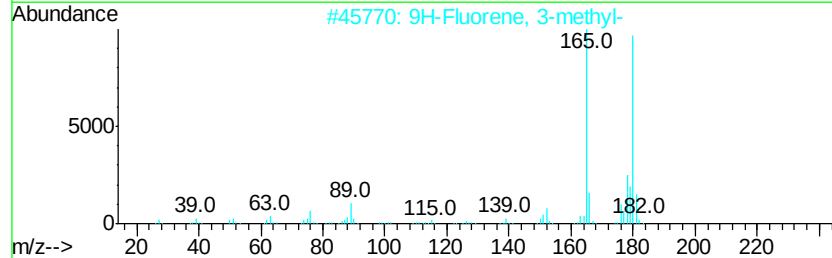
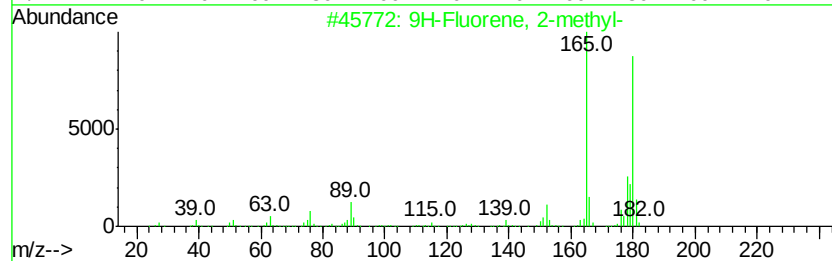
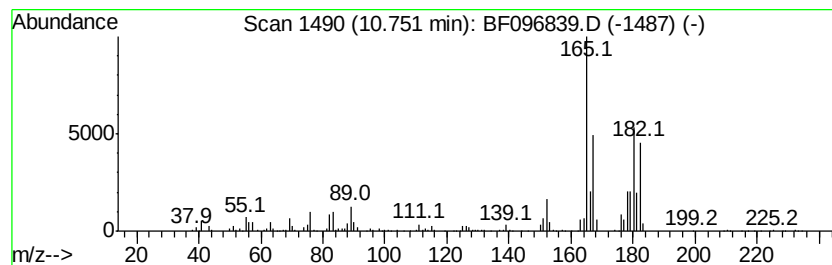
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 9H-Fluorene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.75	12.43 ng	542973	Phenanthrene-d10	11.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	55
2		9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	49
3		9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	49
4		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	46
5		(3H)Benzo[c]pyrrole, 3-methyl-3-...	208	C14H12N2	059341-20-7	46



Data Path : Z:\HPCHEM1\BNA F\DATA\BF071817\
Data File : BF096839.D
Acq On : 18 Jul 2017 11:11
Operator : SJ/JU
Sample : I4205-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NB-TWP07

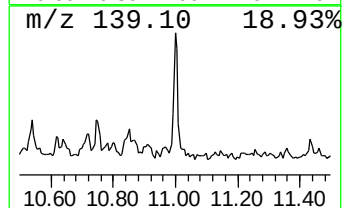
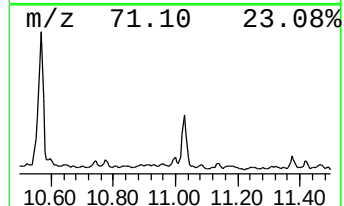
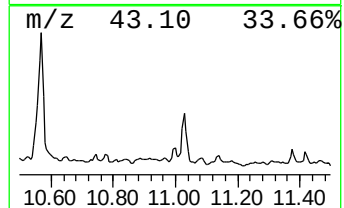
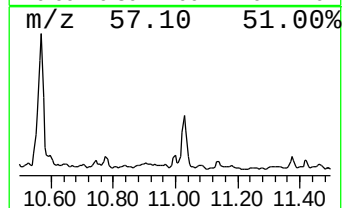
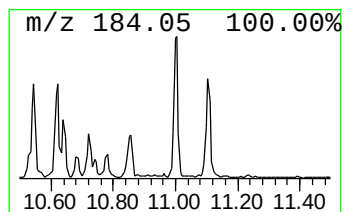
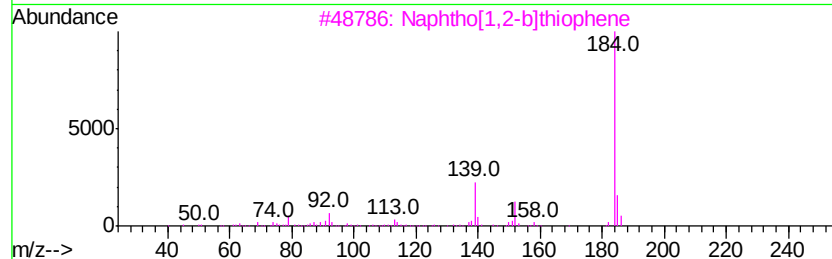
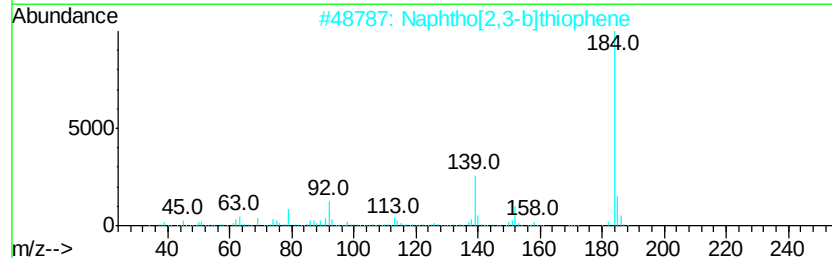
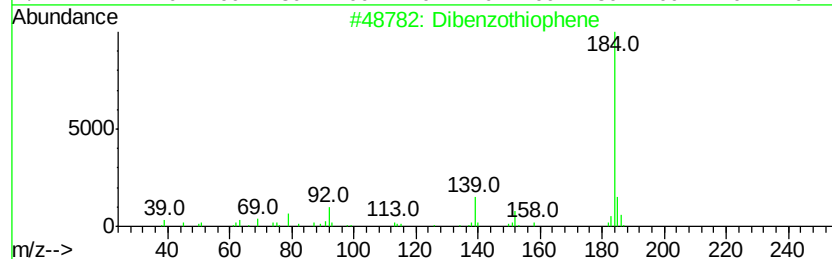
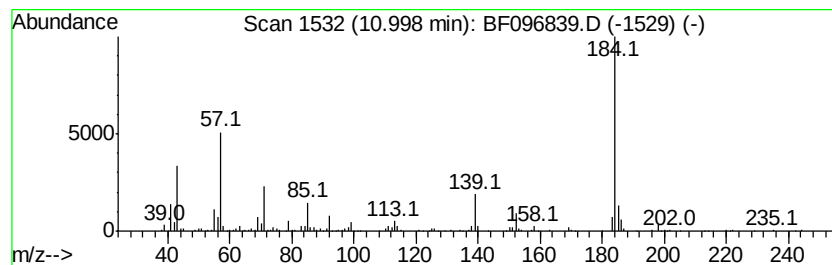
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Dibenzothiophene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.00	7.36 ng	321603	Phenanthrene-d10	11.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzothiophene	184	C12H8S	000132-65-0	93
2		Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	89
3		Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	89
4		Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	74
5		Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	70



Data Path : Z:\HPCHEM1\BNA F\DATA\BF071817\
Data File : BF096839.D
Acq On : 18 Jul 2017 11:11
Operator : SJ/JU
Sample : I4205-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

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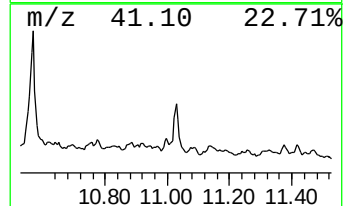
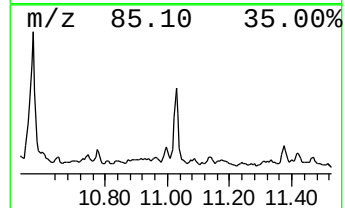
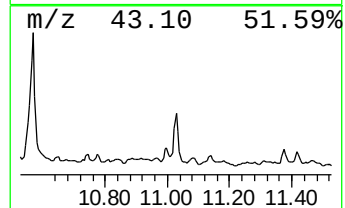
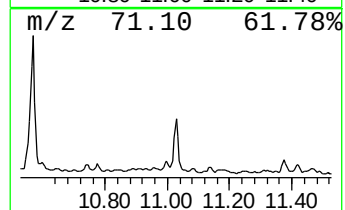
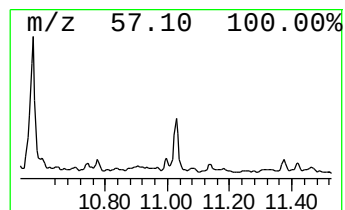
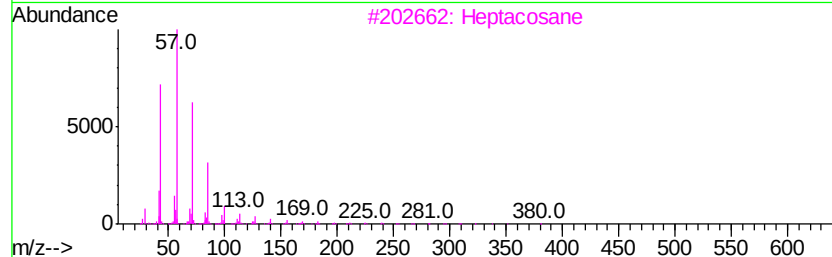
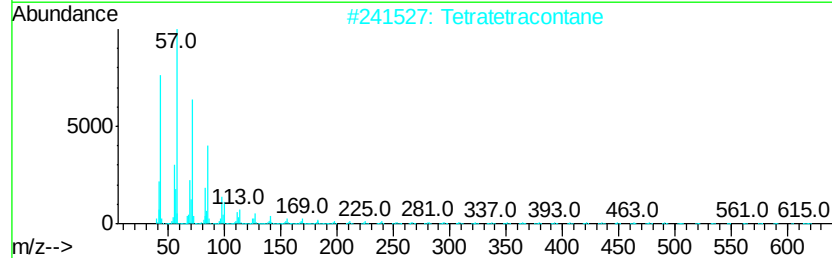
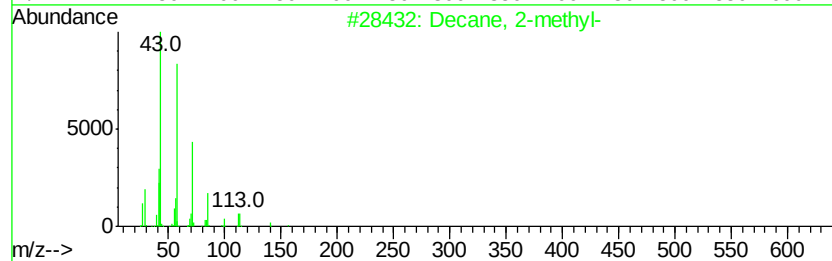
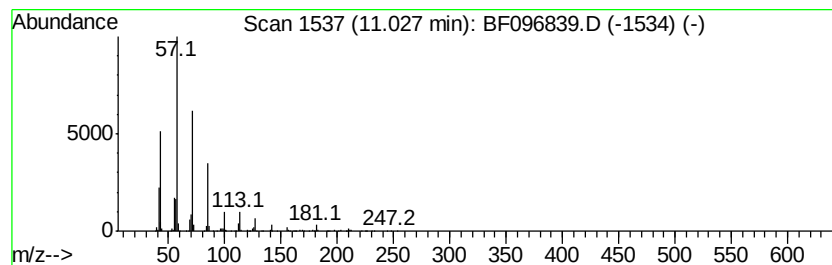
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Decane, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.03	19.82 ng	866027	Phenanthrene-d10	11.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2-methyl-	156	C11H24	006975-98-0	86
2		Tetratetracontane	619	C44H90	007098-22-8	83
3		Heptacosane	380	C27H56	000593-49-7	80
4		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
5		Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071817\
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Acq On : 18 Jul 2017 11:11
Operator : SJ/JU
Sample : I4205-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

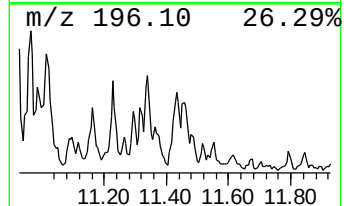
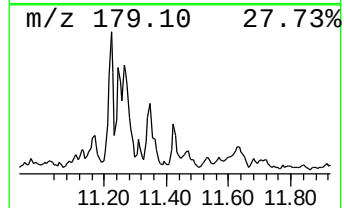
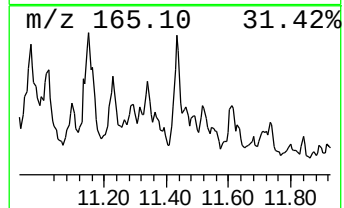
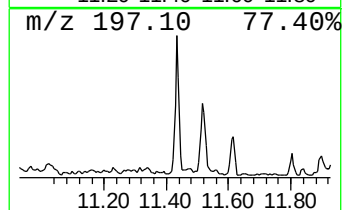
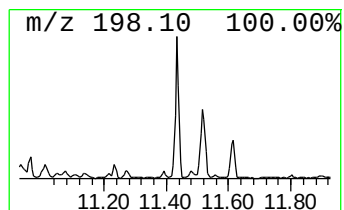
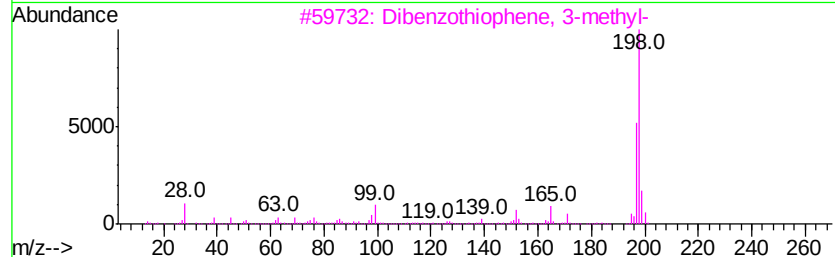
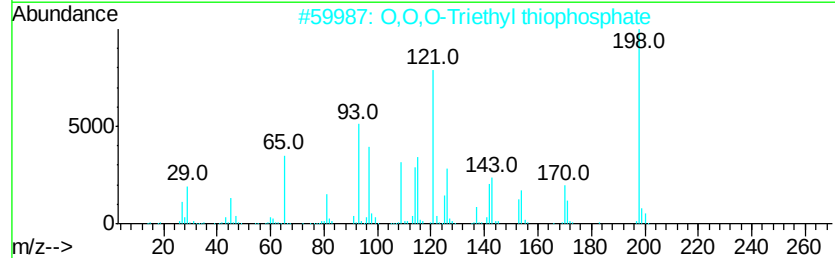
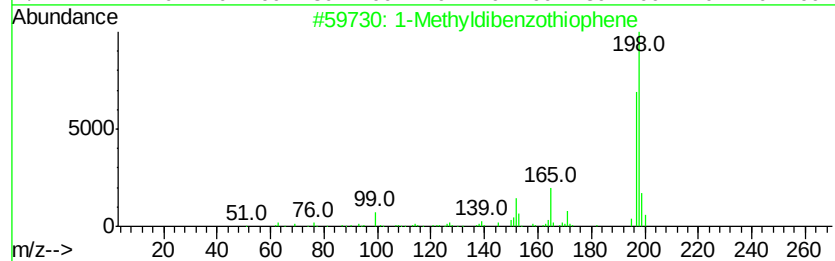
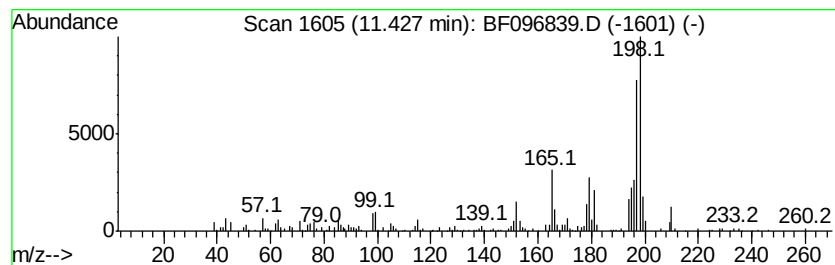
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ClientSampleId :
NB-TWP07

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 1-Methyldibenzothiophene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.43	11.24 ng	491009	Phenanthrene-d10	11.10		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Methyldibenzothiophene	198	C13H10S	031317-07-4	96
2		0,0,0-Triethyl thiophosphate	198	C6H15O3PS	000126-68-1	83
3		Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	76
4		Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	76
5		Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	74



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071817\
 Data File : BF096839.D
 Acq On : 18 Jul 2017 11:11
 Operator : SJ/JU
 Sample : I4205-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 NB-TWP07

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.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
2-Pentanone, 4-hy...	4.77	21.5	ng	751853	1	6.60	698562	20.0
unknown6.36	6.36	37.1	ng	1297650	1	6.60	698562	20.0
Octane, 3,6-dimet...	8.33	13.7	ng	834092	2	7.88	1218600	20.0
unknown8.49	8.49	8.6	ng	524558	2	7.88	1218600	20.0
Benzene, 4-(2-but...	8.58	9.7	ng	592989	2	7.88	1218600	20.0
Undecane	9.06	7.3	ng	573865	3	9.63	1582960	20.0
Naphthalene, 2,7-...	9.22	7.0	ng	553038	3	9.63	1582960	20.0
Naphthalene, 2,3,...	10.03	13.5	ng	1065640	3	9.63	1582960	20.0
Undecane, 5-ethyl-	10.30	13.3	ng	1055610	3	9.63	1582960	20.0
unknown10.52	10.52	7.1	ng	308914	4	11.10	873894	20.0
Naphthalene, 1,2,...	10.62	8.3	ng	364856	4	11.10	873894	20.0
9H-Fluorene, 2-me...	10.75	12.4	ng	542973	4	11.10	873894	20.0
Dibenzothiophene	11.00	7.4	ng	321603	4	11.10	873894	20.0
Decane, 2-methyl-	11.03	19.8	ng	866027	4	11.10	873894	20.0
1-Methyldibenzoth...	11.43	11.2	ng	491009	4	11.10	873894	20.0