

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072117\
 Data File : BF096938.D
 Acq On : 21 Jul 2017 12:26
 Operator : SJ/JU
 Sample : I4253-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-O-P-6-7-BASE

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-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	4.798	472	478	482	rVB	2956735	3385427	38.53%	1.929%
2	5.104	526	530	535	rBV	386496	565992	6.44%	0.323%
3	5.163	535	540	546	rVB	2311404	2613182	29.74%	1.489%
4	6.081	691	696	698	rVV2	469395	547423	6.23%	0.312%
5	6.222	713	720	729	rVB	2333408	3122980	35.54%	1.780%
6	6.304	729	734	736	rBV	2140554	2616761	29.78%	1.491%
7	6.334	736	739	742	rVV	2346135	2477081	28.19%	1.412%
8	6.387	745	748	750	rVV	921062	842735	9.59%	0.480%
9	6.498	763	767	772	rBV	836059	862998	9.82%	0.492%
10	6.575	772	780	782	rBV2	2534737	3367387	38.32%	1.919%
11	6.622	785	788	790	rVB	2208302	1976926	22.50%	1.127%
12	6.739	801	808	812	rVB3	4177904	7311780	83.21%	4.167%
13	6.845	818	826	829	rBV4	1001844	1906391	21.69%	1.086%
14	6.886	831	833	836	rVB2	684043	548705	6.24%	0.313%
15	7.104	864	870	871	rBV3	1257324	1380409	15.71%	0.787%
16	7.128	871	874	876	rVB2	1396660	1401035	15.94%	0.798%
17	7.216	884	889	892	rVB5	340155	476409	5.42%	0.272%
18	7.251	892	895	897	rBV2	467382	509525	5.80%	0.290%
19	7.281	897	900	904	rVB4	503691	664477	7.56%	0.379%
20	7.339	904	910	912	rBV2	682943	755738	8.60%	0.431%
21	7.363	912	914	921	rVB	1218791	1295306	14.74%	0.738%
22	7.475	928	933	936	rBV4	627038	956552	10.89%	0.545%
23	7.516	936	940	942	rBV3	1384600	1789919	20.37%	1.020%
24	7.586	948	952	956	rBV4	1607344	2180701	24.82%	1.243%
25	7.622	956	958	960	rVV3	558428	640269	7.29%	0.365%
26	7.657	961	964	966	rVV2	2056214	1727065	19.65%	0.984%
27	7.716	971	974	978	rVB2	862433	969392	11.03%	0.552%
28	7.798	983	988	989	rBV3	1271239	1426373	16.23%	0.813%
29	7.816	989	991	993	rVV2	863522	663461	7.55%	0.378%
30	7.851	993	997	998	rVV2	2116935	2634788	29.98%	1.502%
31	7.875	998	1001	1006	rVB	4199843	5188723	59.05%	2.957%
32	7.928	1006	1010	1012	rBV2	1157868	1013434	11.53%	0.578%
33	7.975	1016	1018	1021	rVB2	589726	624387	7.11%	0.356%
34	8.016	1021	1025	1028	rBV4	957940	1415456	16.11%	0.807%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.092	1034	1038	1040	rBV	1205547	1223667	13.92%	0.697%
36	8.122	1040	1043	1046	rBV2	611606	734126	8.35%	0.418%
37	8.222	1055	1060	1061	rBV3	1255857	1572260	17.89%	0.896%
38	8.298	1068	1073	1075	rBV2	1942844	2686844	30.58%	1.531%
39	8.322	1075	1077	1079	rVB	1023394	892612	10.16%	0.509%
40	8.422	1091	1094	1096	rBV2	1251681	1057748	12.04%	0.603%
41	8.469	1098	1102	1107	rBV	1802904	2097033	23.86%	1.195%
42	8.581	1113	1121	1123	rVB	4265639	8787605	100.00%	5.008%
43	8.675	1130	1137	1139	rBV	4031864	6920142	78.75%	3.944%
44	8.739	1145	1148	1149	rVV3	619612	632182	7.19%	0.360%
45	8.763	1149	1152	1155	rVV4	1095595	1384567	15.76%	0.789%
46	8.792	1155	1157	1160	rVB3	478227	482873	5.49%	0.275%
47	8.828	1160	1163	1167	rVB5	686293	942147	10.72%	0.537%
48	8.869	1167	1170	1171	rBV3	567430	605926	6.90%	0.345%
49	8.892	1171	1174	1176	rVV	1663820	1532682	17.44%	0.873%
50	8.922	1176	1179	1182	rVB	1776038	1766873	20.11%	1.007%
51	8.986	1187	1190	1192	rVV2	938996	927905	10.56%	0.529%
52	9.028	1192	1197	1202	rVV4	2463681	3989041	45.39%	2.273%
53	9.075	1202	1205	1207	rVV	708982	703036	8.00%	0.401%
54	9.122	1209	1213	1219	rVB	2273271	3715354	42.28%	2.117%
55	9.192	1220	1225	1231	rBV2	2976514	5933070	67.52%	3.381%
56	9.275	1232	1239	1241	rVV	3075588	5513049	62.74%	3.142%
57	9.298	1241	1243	1245	rVV	2799515	2773387	31.56%	1.581%
58	9.322	1245	1247	1248	rVV	1528874	1259083	14.33%	0.718%
59	9.345	1248	1251	1253	rVV2	2225531	2233379	25.42%	1.273%
60	9.380	1253	1257	1262	rVB2	2082242	3643149	41.46%	2.076%
61	9.463	1266	1271	1274	rVB2	1380341	1470653	16.74%	0.838%
62	9.510	1277	1279	1283	rVB3	1127967	1191434	13.56%	0.679%
63	9.551	1283	1286	1288	rBV	2235218	2209751	25.15%	1.259%
64	9.586	1288	1292	1296	rVB3	1485139	2184567	24.86%	1.245%
65	9.627	1296	1299	1303	rBV4	1325060	1731225	19.70%	0.987%
66	9.710	1308	1313	1317	rVV	1482991	2557792	29.11%	1.458%
67	9.745	1317	1319	1322	rVV2	635564	606930	6.91%	0.346%
68	9.804	1322	1329	1332	rVB3	2049842	3088411	35.15%	1.760%
69	9.845	1332	1336	1338	rVB	1648195	1569045	17.86%	0.894%
70	9.869	1338	1340	1344	rVB3	1051826	975950	11.11%	0.556%
71	9.916	1344	1348	1351	rBV2	1298150	1606151	18.28%	0.915%

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72	9.945	1351	1353	1355	rVB	1266201	940398	10.70%	0.536%
73	10.004	1359	1363	1365	rBV2	979618	1533422	17.45%	0.874%
74	10.051	1368	1371	1374	rVB	1725255	1487904	16.93%	0.848%
75	10.110	1374	1381	1383	rBV5	809234	1350440	15.37%	0.770%
76	10.139	1383	1386	1388	rVV2	999946	854046	9.72%	0.487%
77	10.163	1388	1390	1393	rVV2	530714	613837	6.99%	0.350%
78	10.204	1395	1397	1399	rVV2	763926	625372	7.12%	0.356%
79	10.269	1403	1408	1410	rVV2	1886382	2417268	27.51%	1.378%
80	10.292	1410	1412	1414	rVV2	482598	515858	5.87%	0.294%
81	10.380	1423	1427	1431	rVB5	1251563	1673446	19.04%	0.954%
82	10.422	1431	1434	1440	rBV5	433383	575604	6.55%	0.328%
83	10.498	1443	1447	1449	rBV	1558013	1980125	22.53%	1.128%
84	10.516	1449	1450	1451	rVV	1731553	1205460	13.72%	0.687%
85	10.533	1451	1453	1459	rVB	2596310	2696581	30.69%	1.537%
86	10.716	1481	1484	1486	rVV2	550394	565737	6.44%	0.322%
87	10.963	1522	1526	1528	rBV	1491116	1385880	15.77%	0.790%
88	10.992	1528	1531	1537	rVB	1388010	1609979	18.32%	0.918%
89	11.069	1541	1544	1546	rBV	619012	580364	6.60%	0.331%
90	11.098	1546	1549	1553	rVV	1917610	1721754	19.59%	0.981%
91	11.145	1554	1557	1560	rVB	541679	520717	5.93%	0.297%
92	11.339	1587	1590	1594	rVB	510389	515754	5.87%	0.294%
93	11.386	1595	1598	1603	rVB2	818198	796533	9.06%	0.454%
94	11.569	1626	1629	1631	rBV	521383	507870	5.78%	0.289%
95	12.021	1702	1706	1708	rVB	1479879	1471265	16.74%	0.838%
96	12.274	1746	1749	1753	rBV	993478	918060	10.45%	0.523%
97	12.498	1784	1787	1789	rVB	801651	705995	8.03%	0.402%
98	12.651	1809	1813	1819	rVB	1180876	1346179	15.32%	0.767%
99	13.692	1986	1990	1992	rBV2	494780	629113	7.16%	0.359%
100	14.686	2156	2159	2166	rVB	349702	666073	7.58%	0.380%

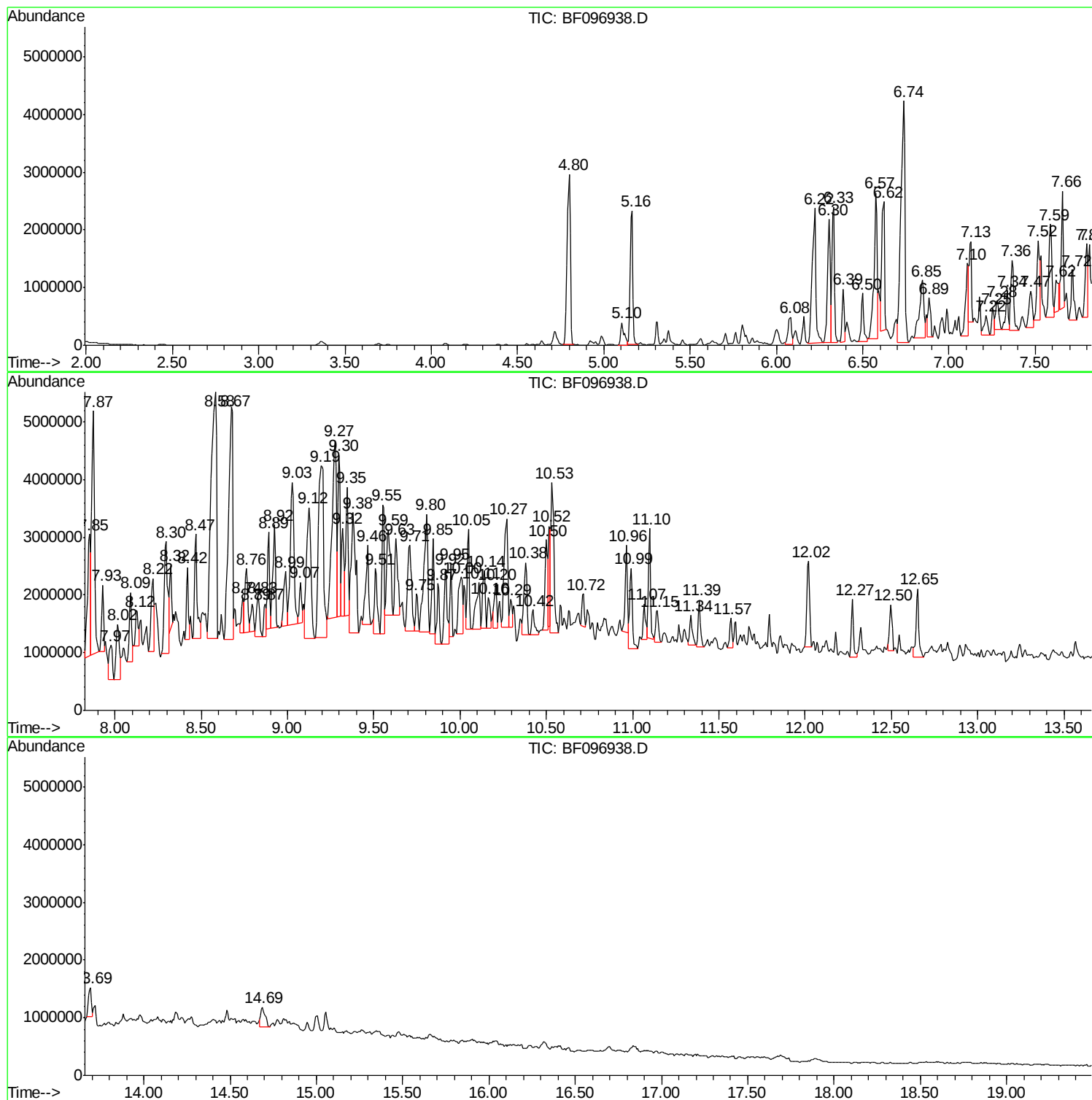
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Instrument :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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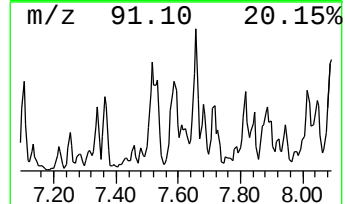
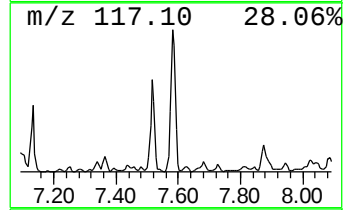
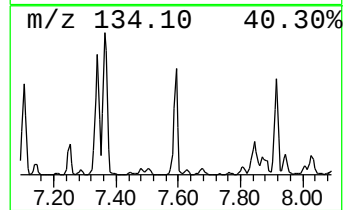
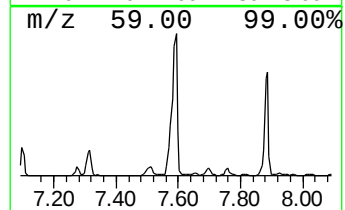
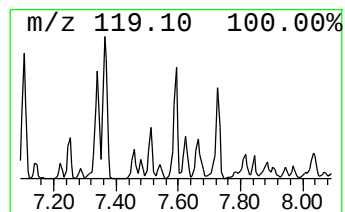
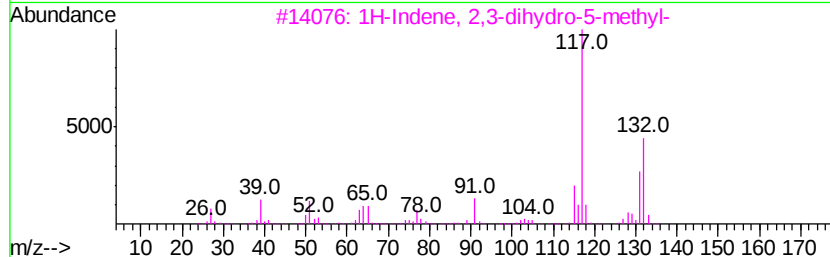
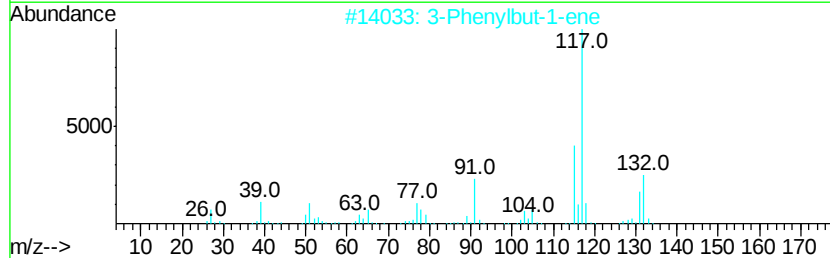
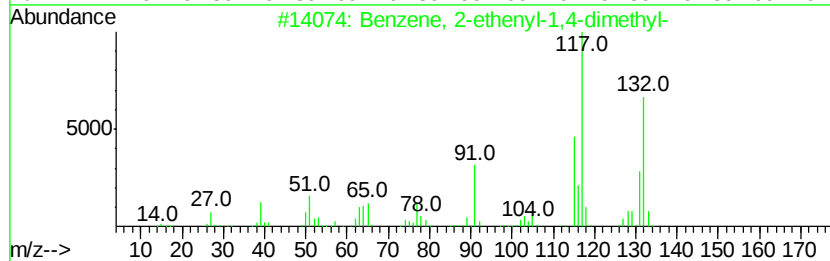
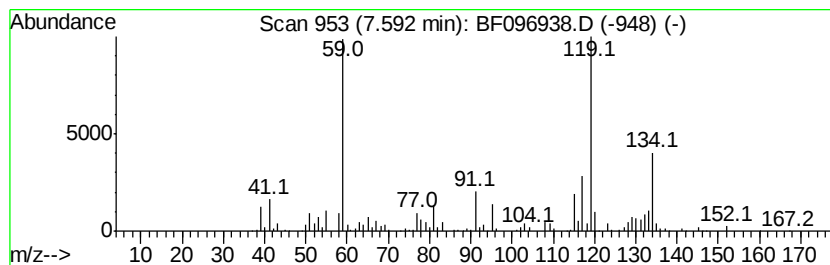
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	16.55 ng	2180700	Napthalene-d8	7.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	74
2		3-Phenylbut-1-ene	132	C10H12	000934-10-1	46
3		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	46
4		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	41
5		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	38



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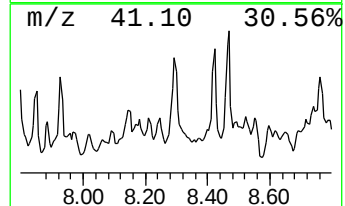
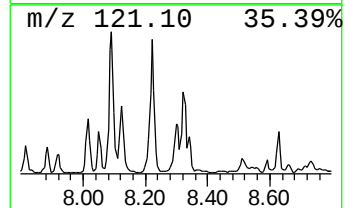
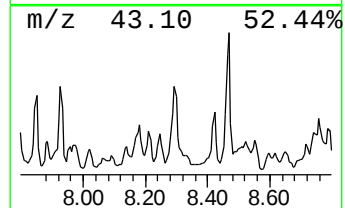
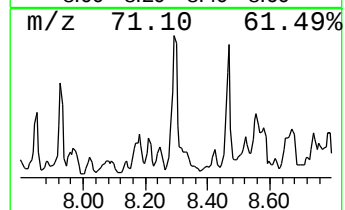
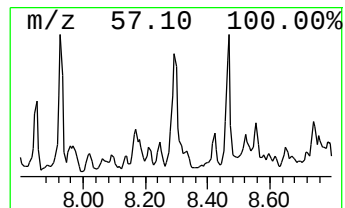
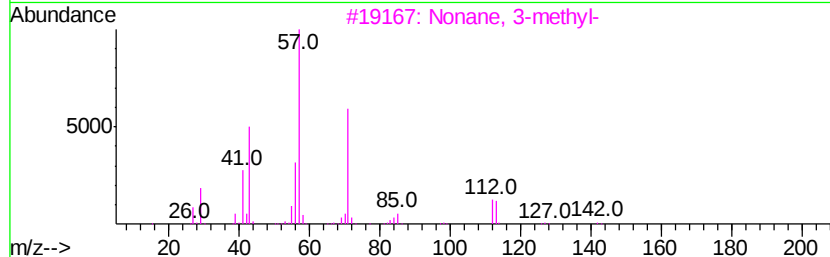
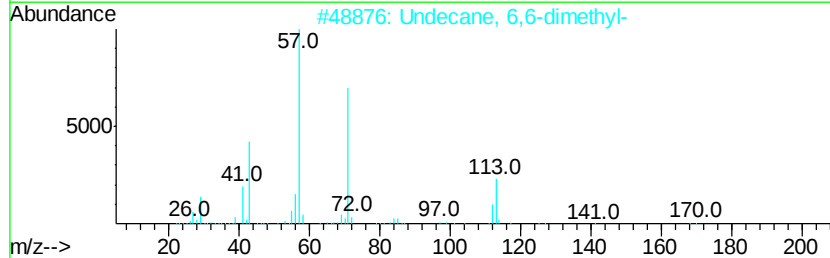
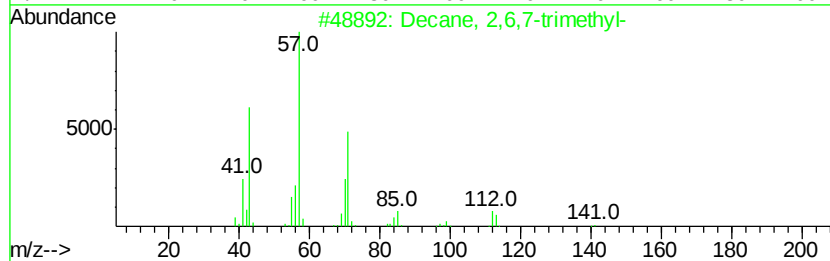
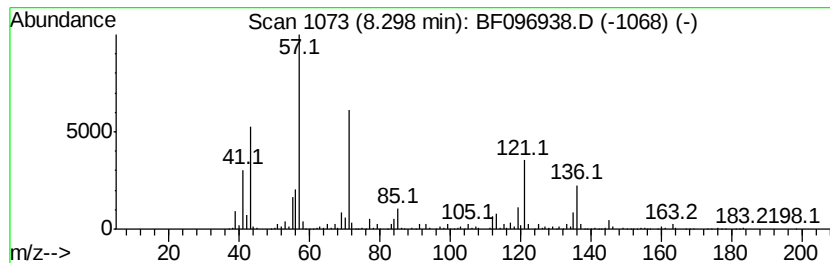
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Decane, 2,6,7-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.		
8.30	20.40 ng	2686840	Napthalene-d8	7.85		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,6,7-trimethyl-		184	C13H28	062108-25-2	50
2	Undecane, 6,6-dimethyl-		184	C13H28	017312-76-4	47
3	Nonane, 3-methyl-		142	C10H22	005911-04-6	43
4	Dodecane, 4,6-dimethyl-		198	C14H30	061141-72-8	43
5	Oxalic acid, 2-ethylhexyl hexyl ...		286	C16H30O4	1000309-38-9	38



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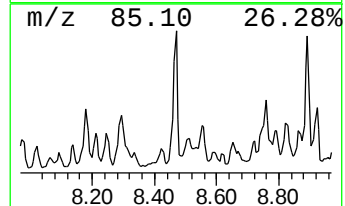
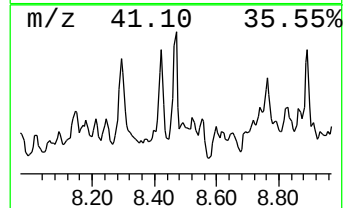
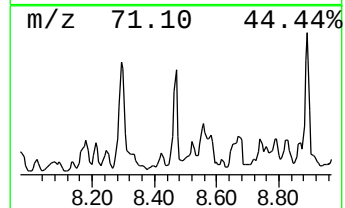
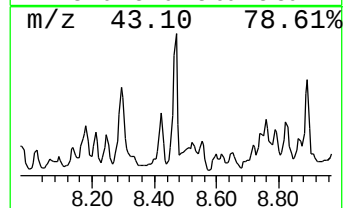
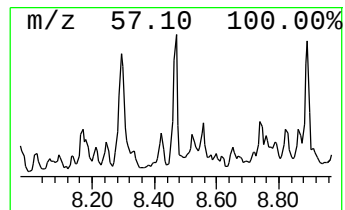
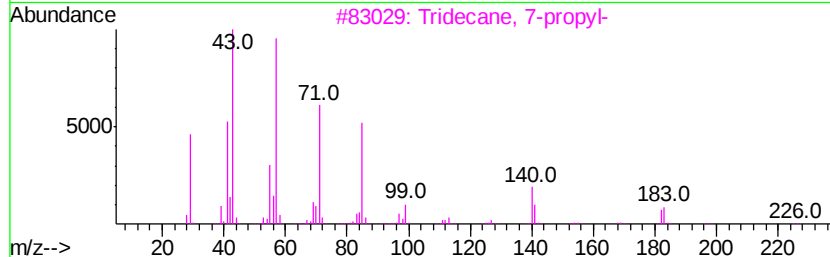
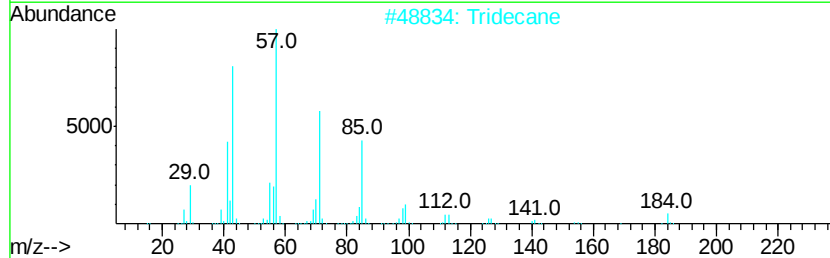
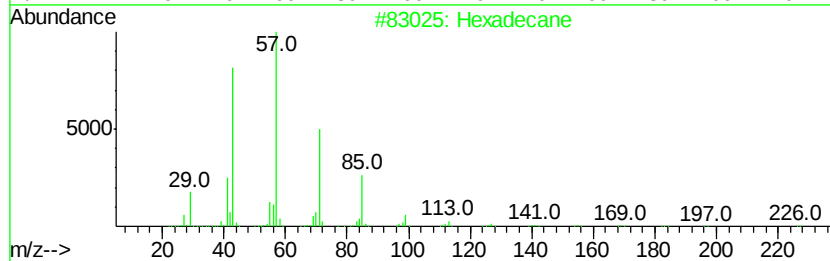
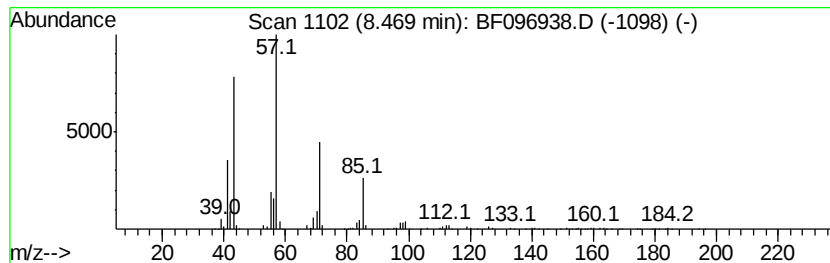
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Hexadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.47	15.92 ng	2097030	Naphthalene-d8	7.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	90
2		Tridecane	184	C13H28	000629-50-5	90
3		Tridecane, 7-propyl-	226	C16H34	055045-09-5	86
4		Tetradecane	198	C14H30	000629-59-4	83
5		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	76



Data Path : Z:\HPCHEM1\BNA F\DATA\BF072117\
Data File : BF096938.D
Acq On : 21 Jul 2017 12:26
Operator : SJ/JU
Sample : I4253-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
E2-O-P-6-7-BASE

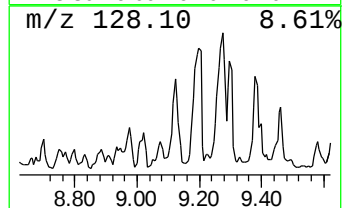
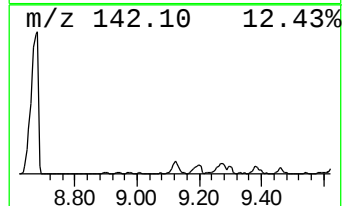
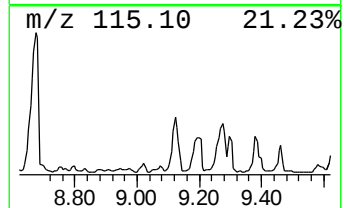
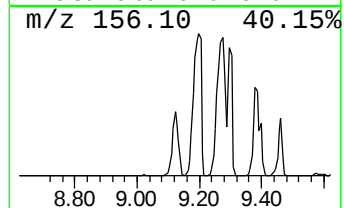
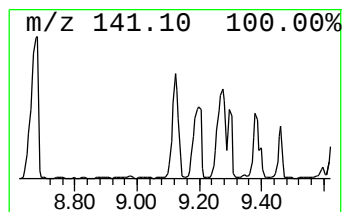
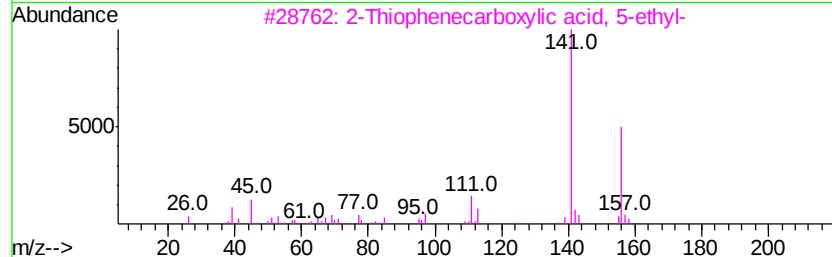
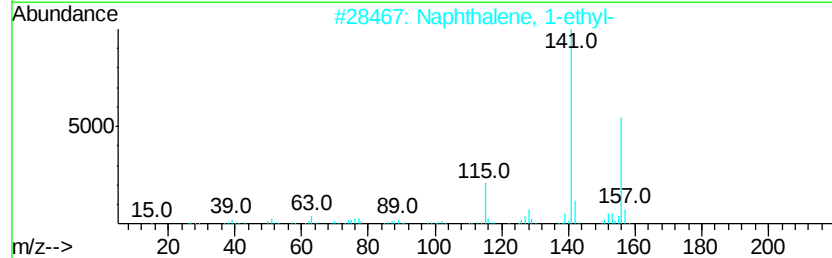
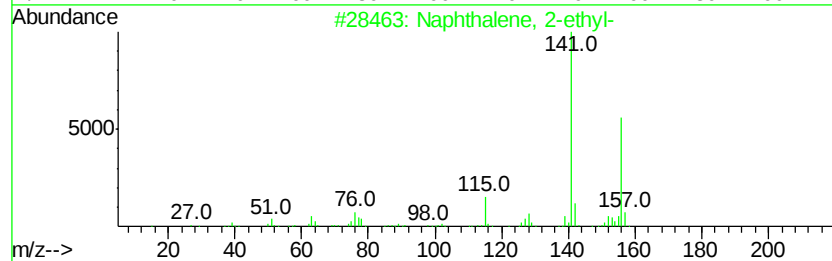
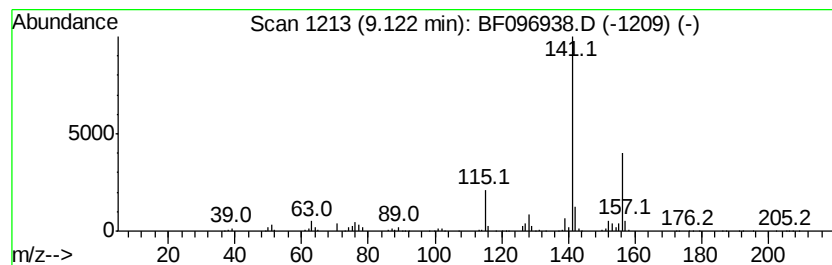
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 2-ethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.12	34.01 ng	3715350	Acenaphthene-d10	9.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	96
2		Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
3		2-Thiophenecarboxylic acid, 5-ethyl-	156	C7H8O2S	023229-72-3	64
4		2-Amino-4-tertbutylthiazole	156	C7H12N2S	074370-93-7	59
5		5-Acetyl-2-amino-4-methylthiazole	156	C6H8N2OS	030748-47-1	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072117\
Data File : BF096938.D
Acq On : 21 Jul 2017 12:26
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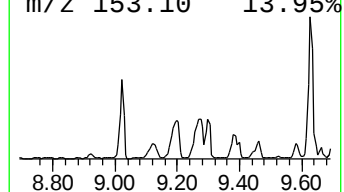
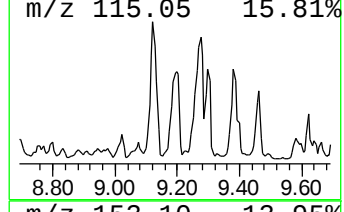
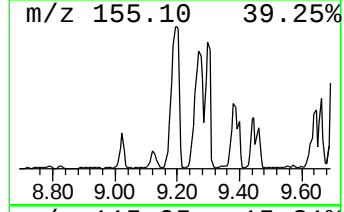
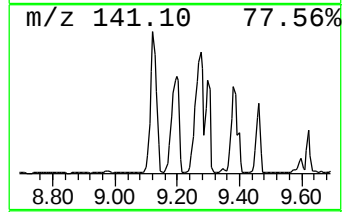
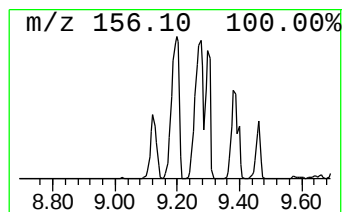
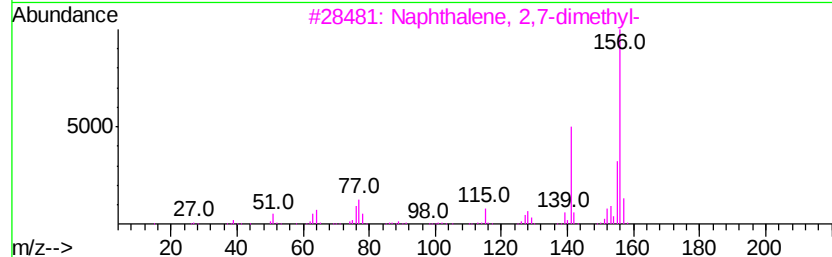
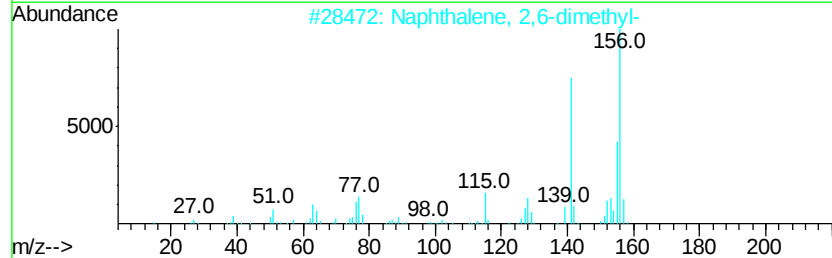
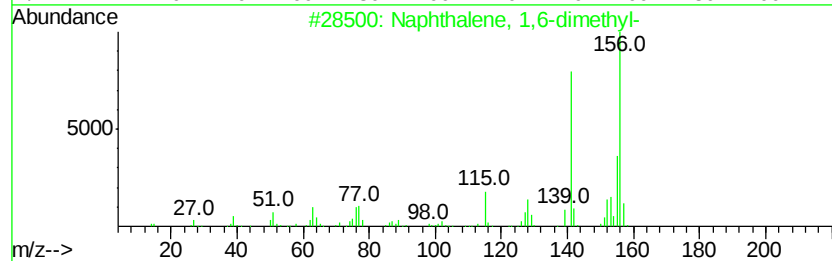
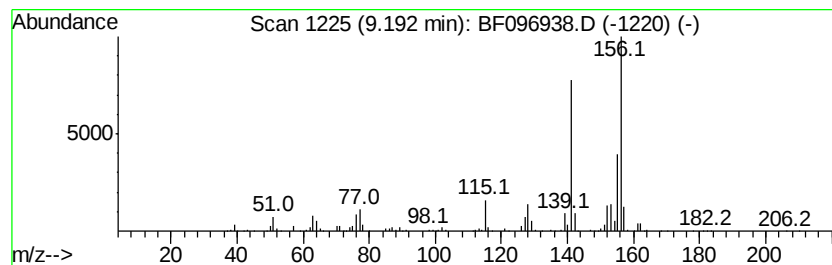
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 1,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.19	54.32 ng	5933070	Acenaphthene-d10	9.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
3		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96



Data Path : Z:\HPCHEM1\BNA F\DATA\BF072117\
Data File : BF096938.D
Acq On : 21 Jul 2017 12:26
Operator : SJ/JU
Sample : I4253-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

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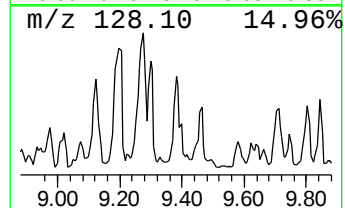
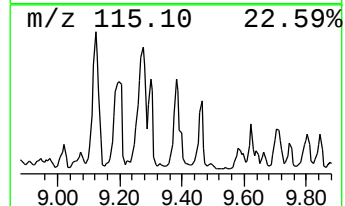
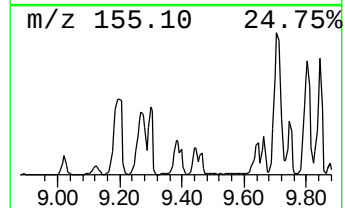
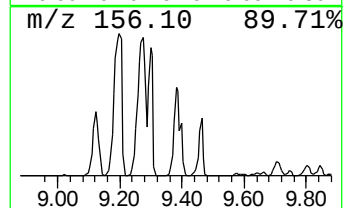
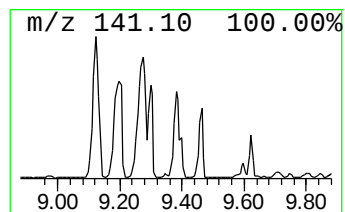
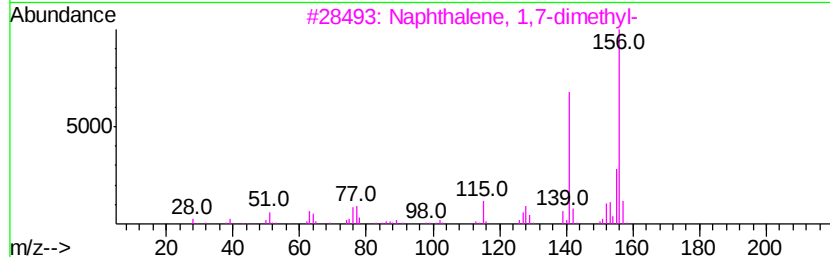
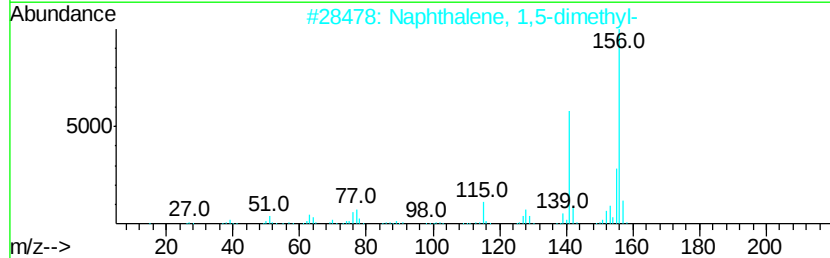
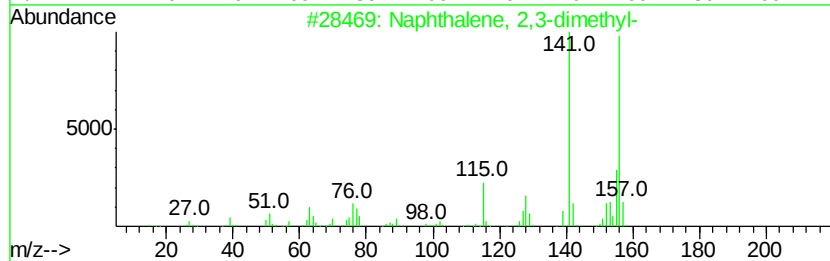
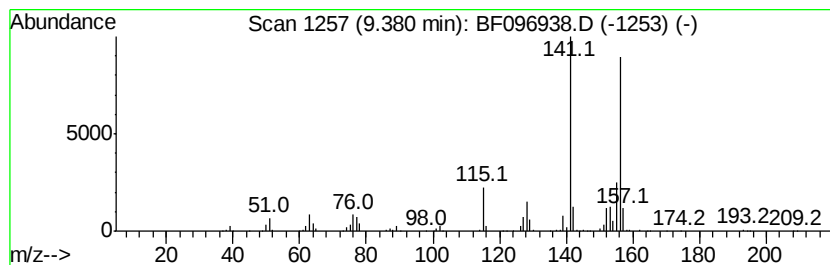
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 2,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.38	33.35 ng	3643150	Acenaphthene-d10	9.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96



Data Path : Z:\HPCHEM1\BNA F\DATA\BF072117\
Data File : BF096938.D
Acq On : 21 Jul 2017 12:26
Operator : SJ/JU
Sample : I4253-01
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ALS Vial : 3 Sample Multiplier: 1

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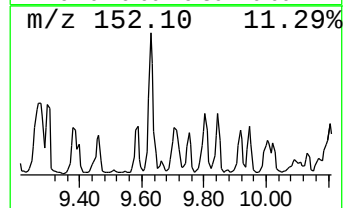
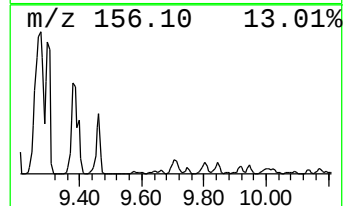
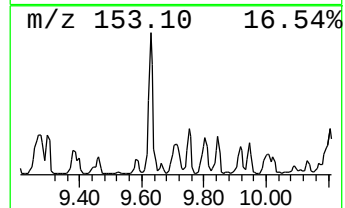
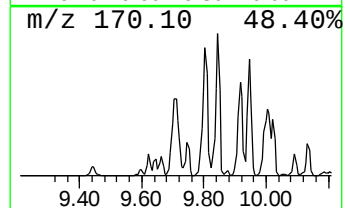
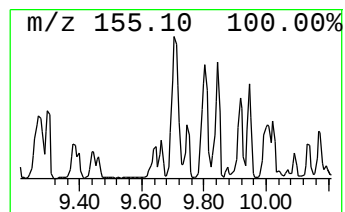
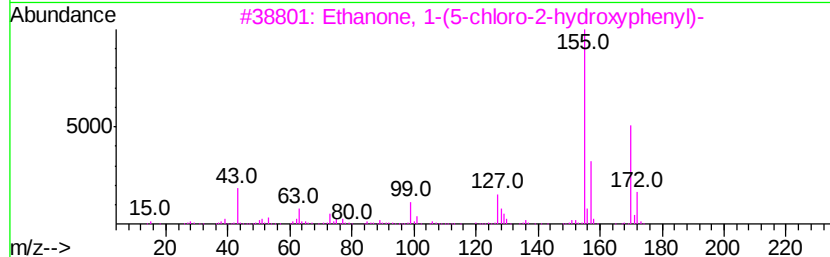
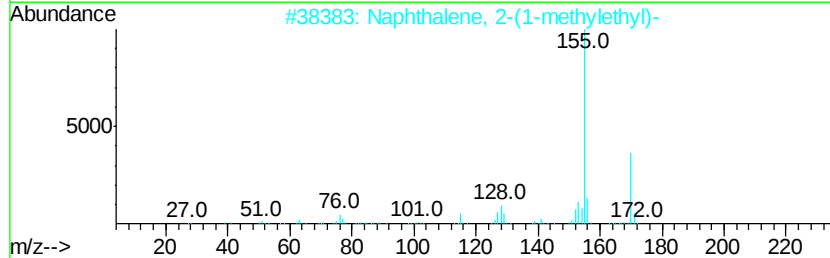
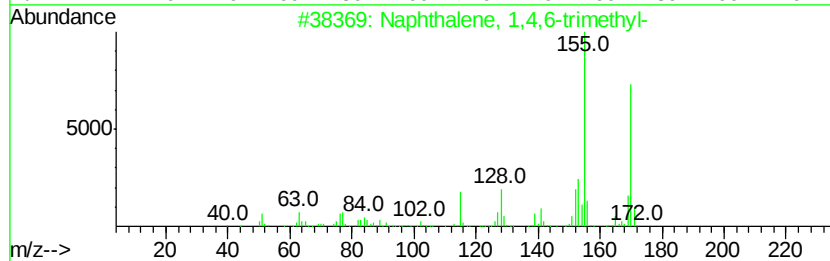
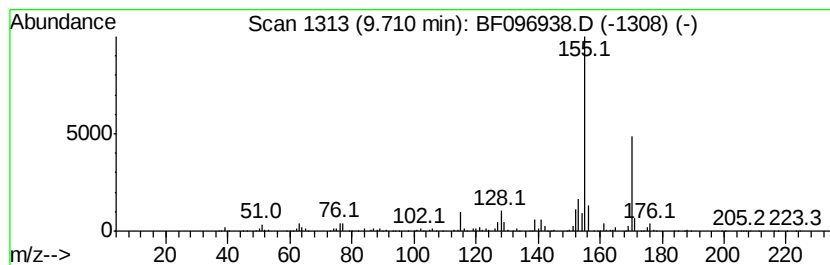
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 1,4,6-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.71	23.42 ng	2557790	Acenaphthene-d10	9.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	92
2		Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91
3		Ethanone, 1-(5-chloro-2-hydroxyp...	170	C8H7ClO2	001450-74-4	72
4		3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	70
5		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	70



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072117\
Data File : BF096938.D
Acq On : 21 Jul 2017 12:26
Operator : SJ/JU
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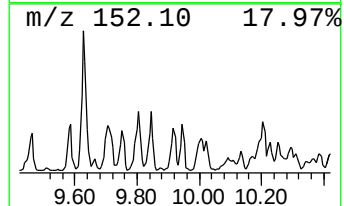
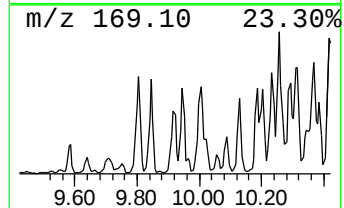
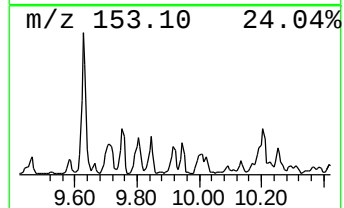
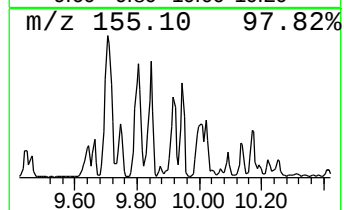
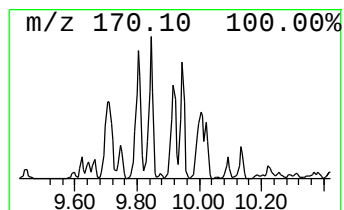
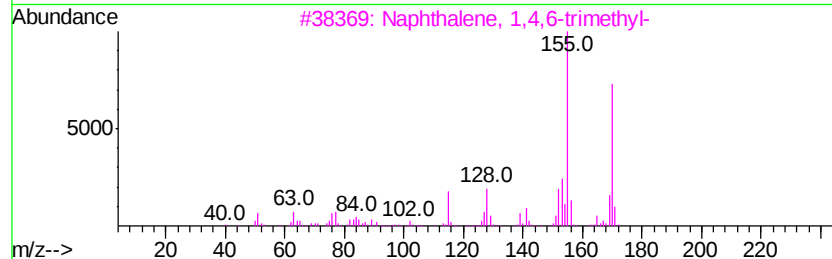
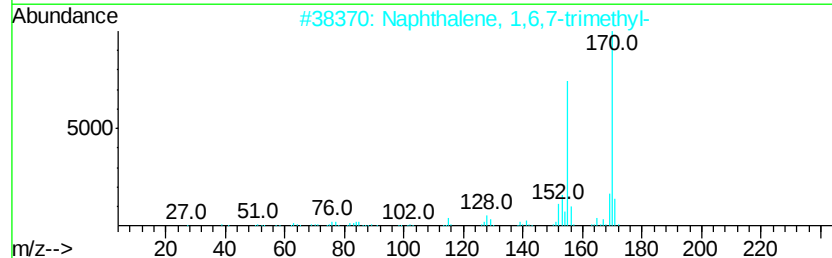
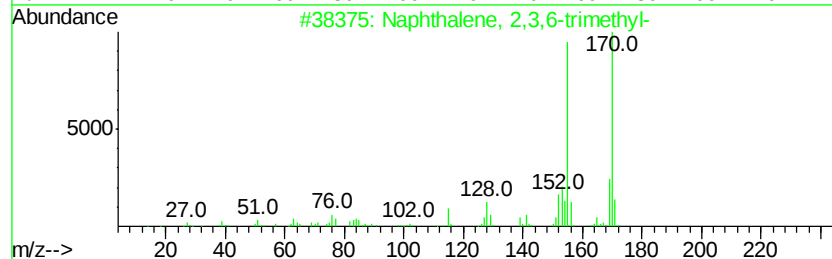
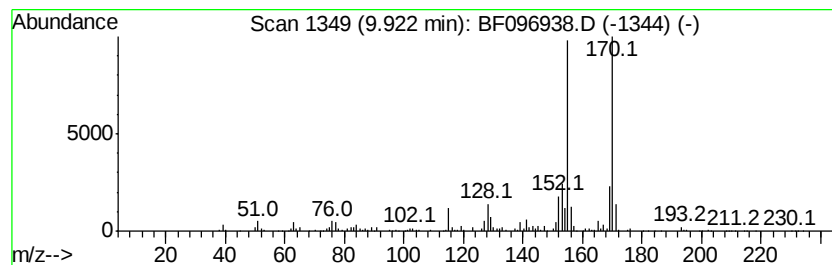
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 2,3,6-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.92	14.70 ng	1606150	Acenaphthene-d10	9.59

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	96
4		4,6,8-Trimethylazulene	170	C13H14	000941-81-1	94
5		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072117\
Data File : BF096938.D
Acq On : 21 Jul 2017 12:26
Operator : SJ/JU
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ALS Vial : 3 Sample Multiplier: 1

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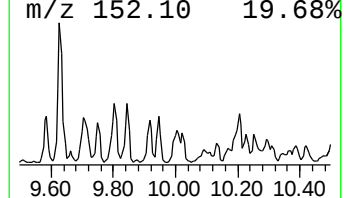
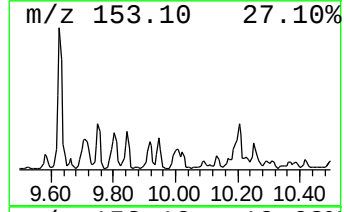
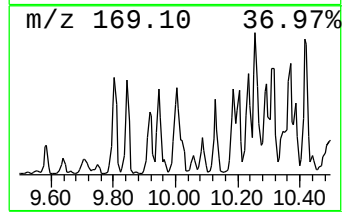
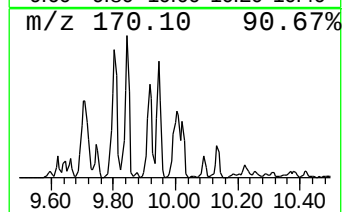
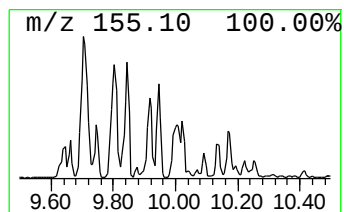
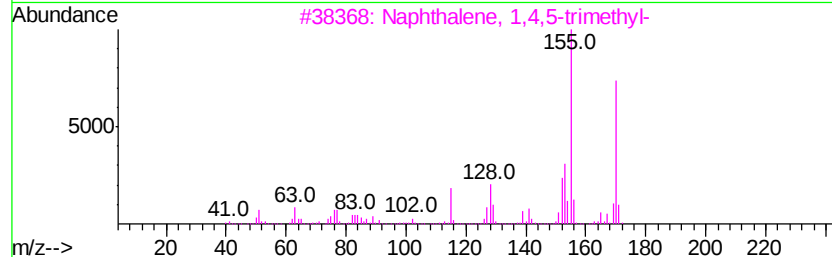
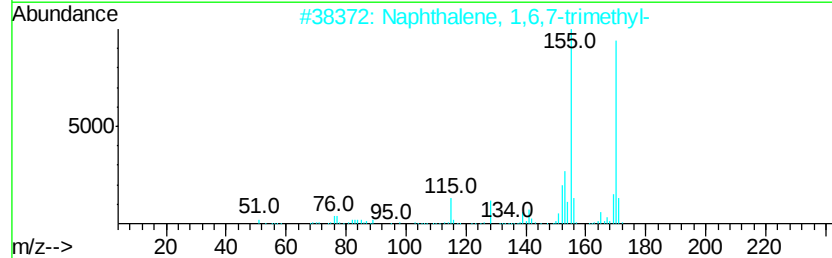
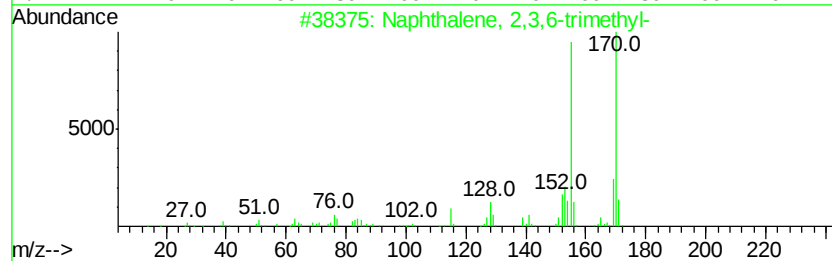
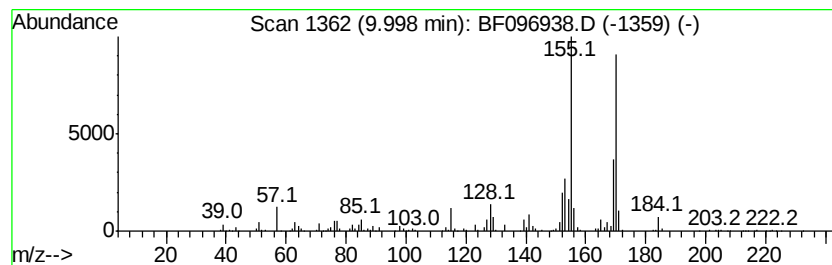
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 1,4,5-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.00	14.04 ng	1533420	Acenaphthene-d10	9.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
3		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	95
4		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
5		4,6,8-Trimethylazulene	170	C13H14	000941-81-1	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF072117\
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Acq On : 21 Jul 2017 12:26
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Sample : I4253-01
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ALS Vial : 3 Sample Multiplier: 1

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ClientSampleId :
E2-O-P-6-7-BASE

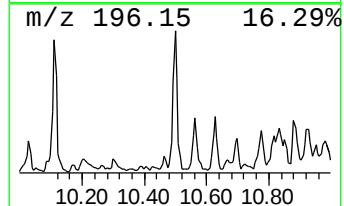
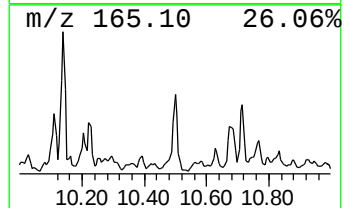
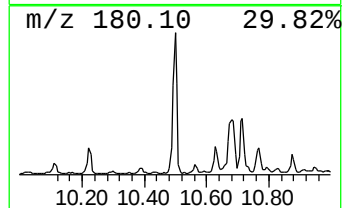
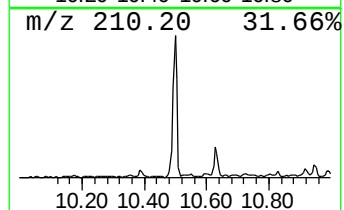
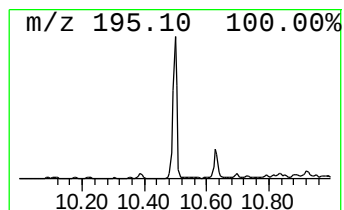
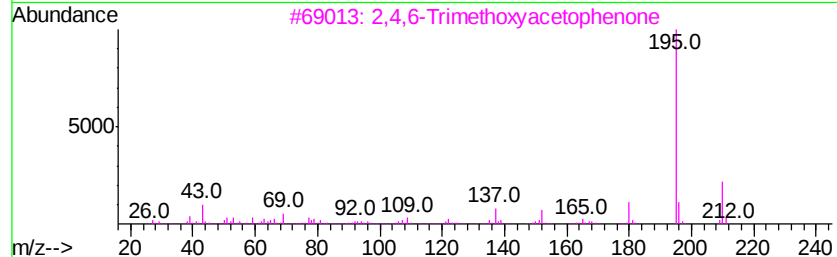
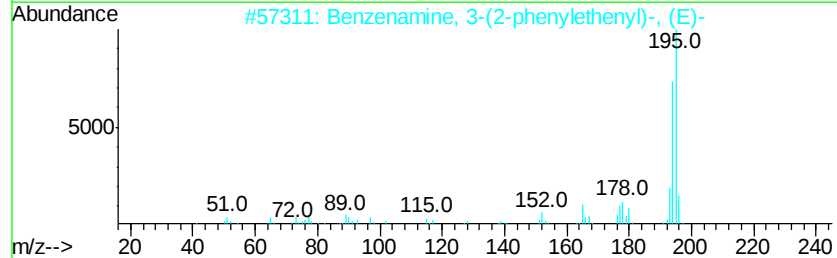
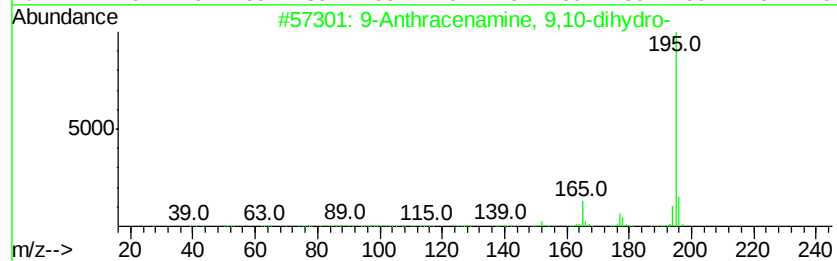
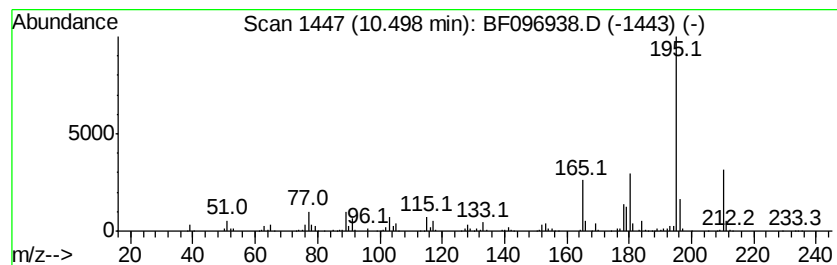
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 9-Anthracenamine, 9,10-dihy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.50	68.24 ng	1980130	Phenanthrene-d10	11.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Anthracenamine, 9,10-dihydro-	195	C14H13N	097825-91-7	52
2		Benzenamine, 3-(2-phenylethenyl)...	195	C14H13N	014064-82-5	50
3		2,4,6-Trimethoxyacetophenone	210	C11H14O4	000832-58-6	50
4		9H-Carbazol-3-amine, 9-ethyl-	210	C14H14N2	000132-32-1	50
5		Cyclohexene, 3-ethenyl-3-methyl-...	210	C12H22OSi	102308-02-1	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072117\
Data File : BF096938.D
Acq On : 21 Jul 2017 12:26
Operator : SJ/JU
Sample : I4253-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
E2-O-P-6-7-BASE

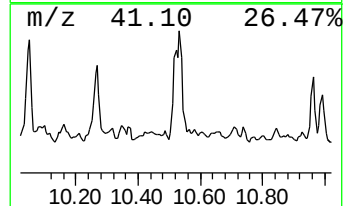
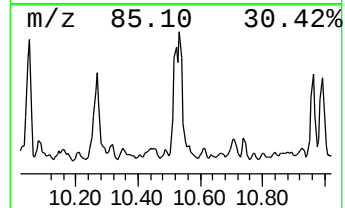
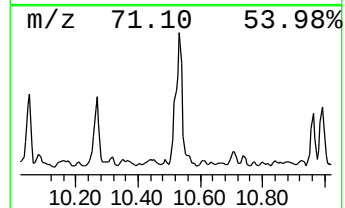
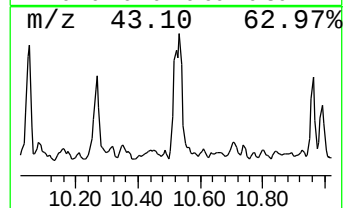
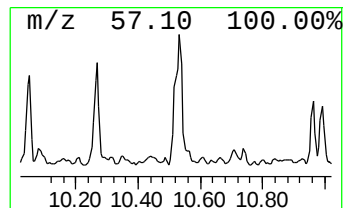
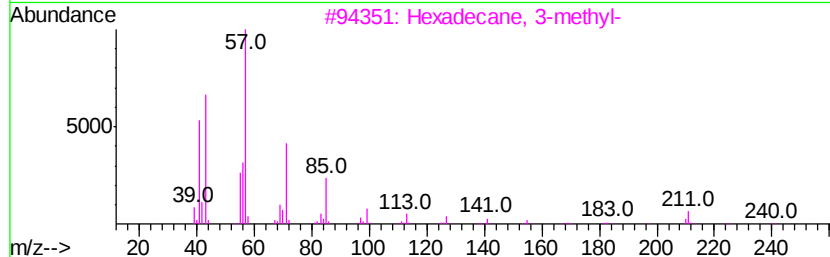
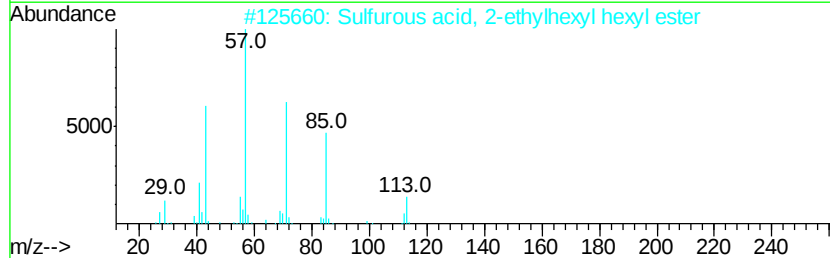
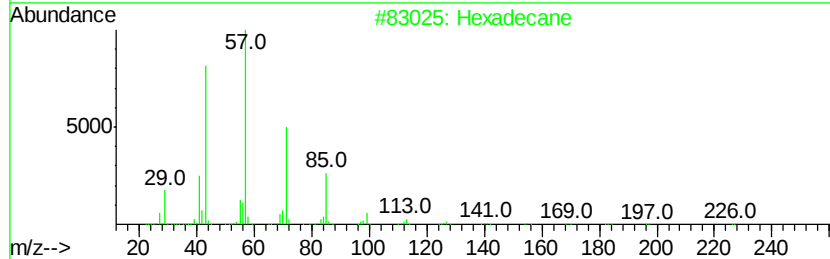
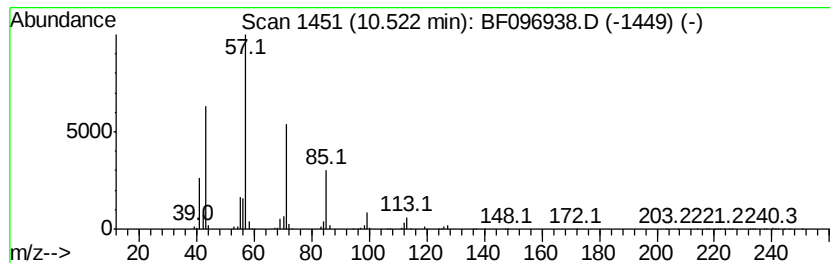
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Sulfurous acid, 2-ethylhexy... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.52	41.54 ng	1205460	Phenanthrene-d10	11.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	90
2		Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	86
3		Hexadecane, 3-methyl-	240	C17H36	006418-43-5	83
4		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	78
5		Dodecane, 3-methyl-	184	C13H28	017312-57-1	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072117\
Data File : BF096938.D
Acq On : 21 Jul 2017 12:26
Operator : SJ/JU
Sample : I4253-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
E2-O-P-6-7-BASE

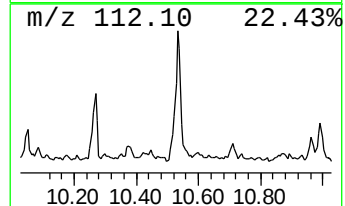
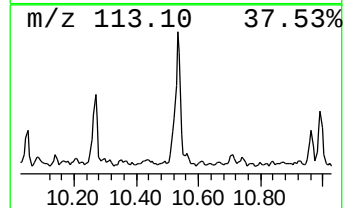
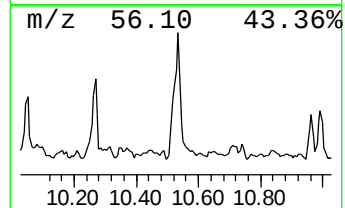
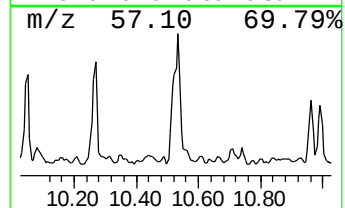
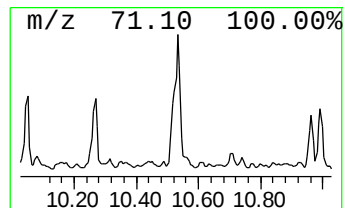
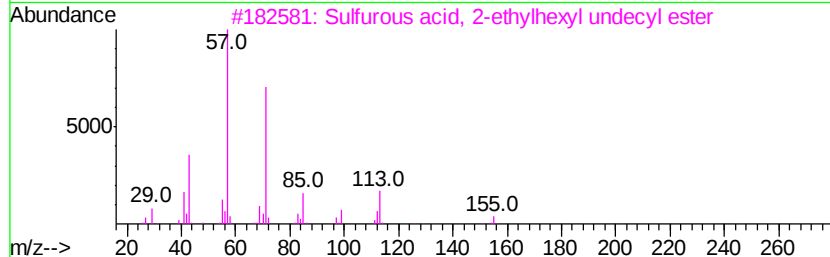
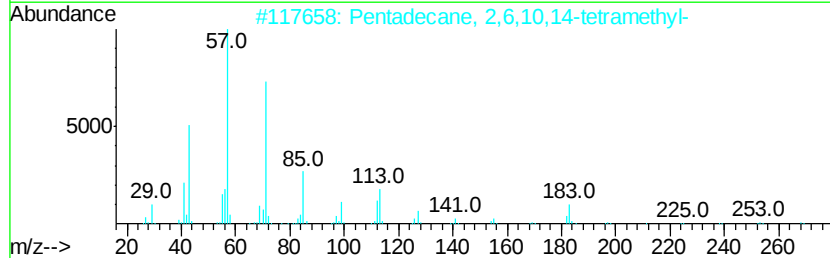
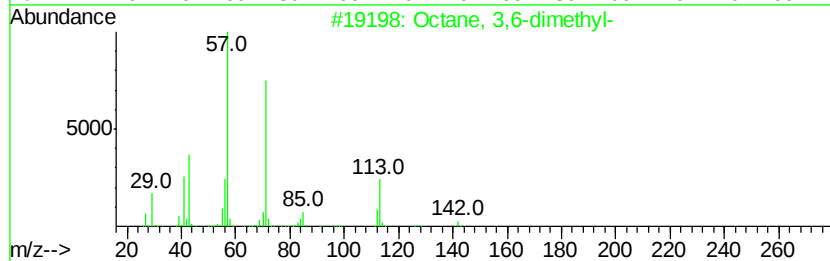
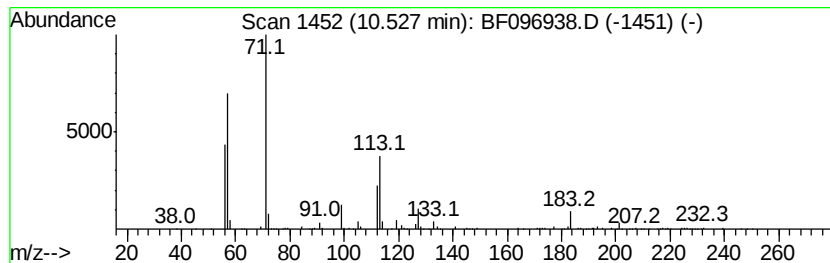
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Octane, 3,6-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.53	92.93 ng	2696580	Phenanthrene-d10	11.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	78
2		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	78
3		Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	64
4		Decane, 2-methyl-	156	C11H24	006975-98-0	64
5		Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	59



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Sample : I4253-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

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ClientSampleId :
E2-O-P-6-7-BASE

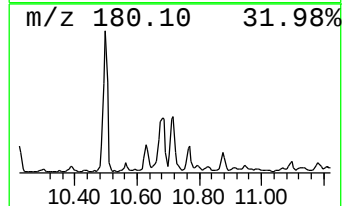
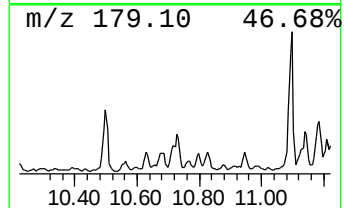
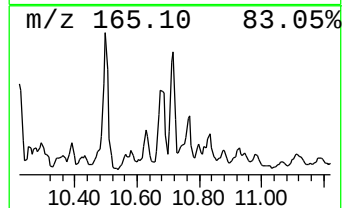
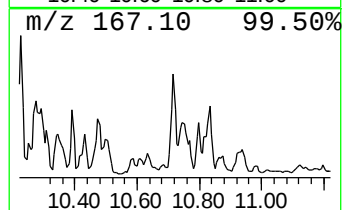
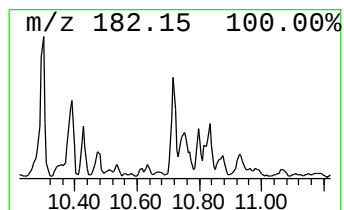
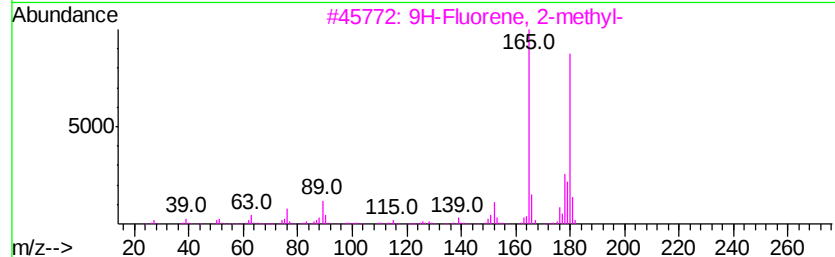
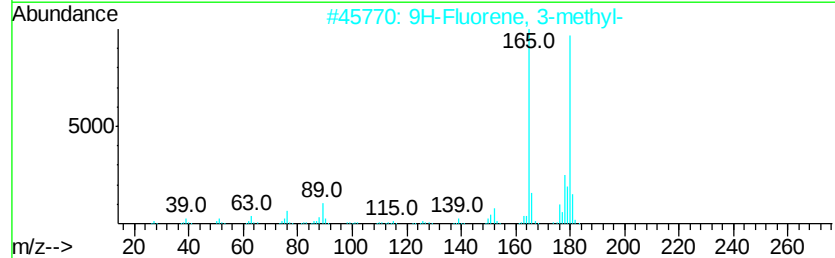
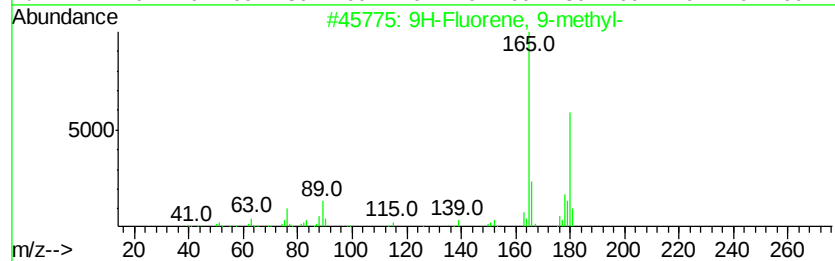
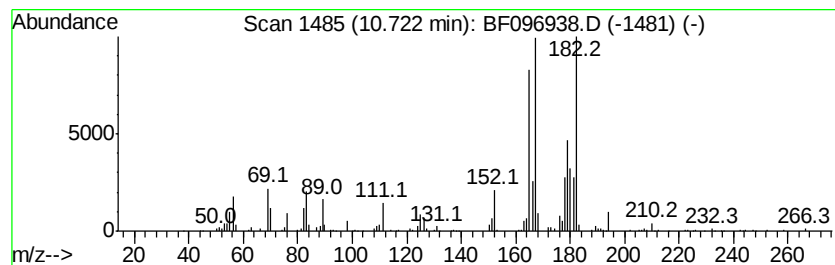
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 9H-Fluorene, 9-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.72	19.50 ng	565737	Phenanthrene-d10	11.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	87
2		9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	55
3		9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	55
4		(3H)Benzo[c]pyrrole, 3-methyl-3-...	208	C14H12N2	059341-20-7	46
5		1,4-Methanonaphthalene,1,4-dihyd...	182	C14H14	007350-72-3	45



Data Path : Z:\HPCHEM1\BNA F\DATA\BF072117\
Data File : BF096938.D
Acq On : 21 Jul 2017 12:26
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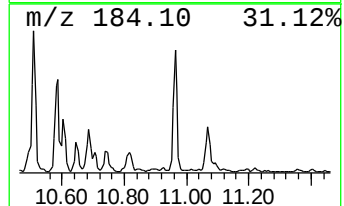
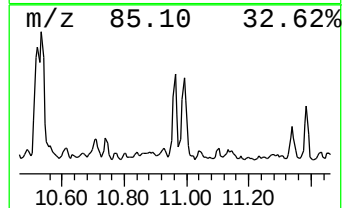
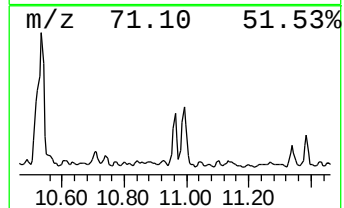
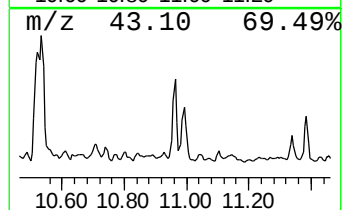
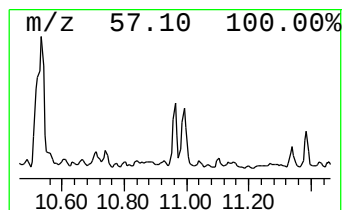
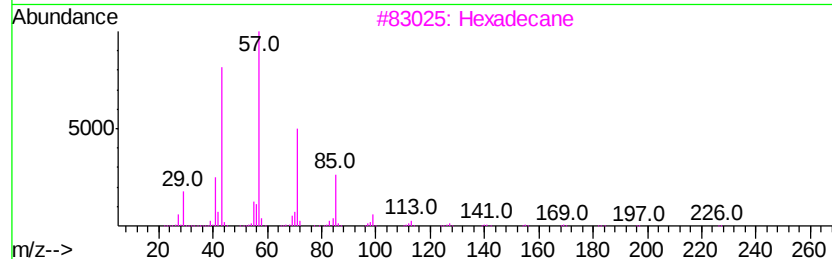
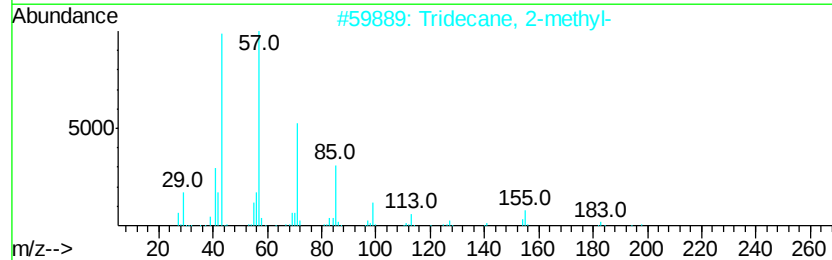
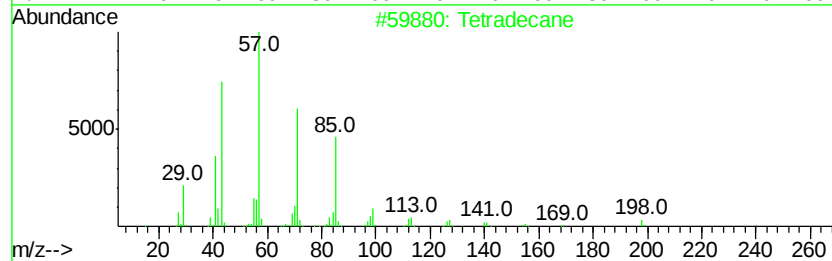
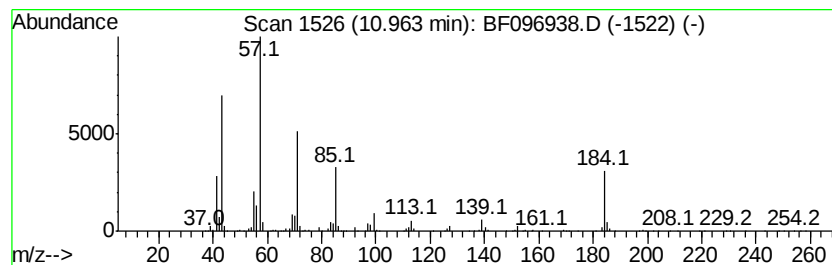
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Tetradecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.96	47.76 ng	1385880	Phenanthrene-d10	11.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	90
2		Tridecane, 2-methyl-	198	C14H30	001560-96-9	86
3		Hexadecane	226	C16H34	000544-76-3	62
4		3-Methyl-4-(methoxycarbonyl)hexa...	184	C9H12O4	1000104-10-8	60
5		Tetracosane	338	C24H50	000646-31-1	58



Data Path : Z:\HPCHEM1\BNA F\DATA\BF072117\
Data File : BF096938.D
Acq On : 21 Jul 2017 12:26
Operator : SJ/JU
Sample : I4253-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
E2-O-P-6-7-BASE

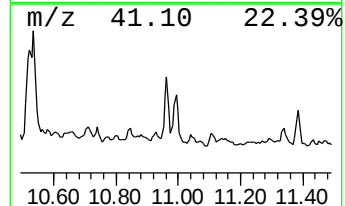
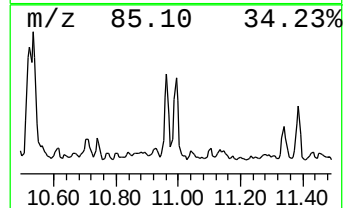
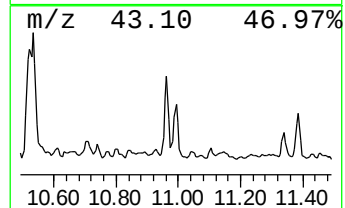
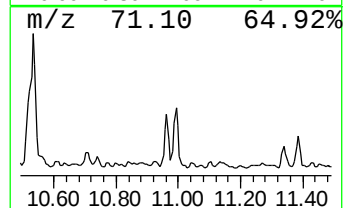
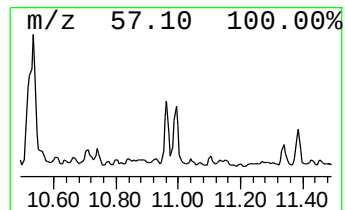
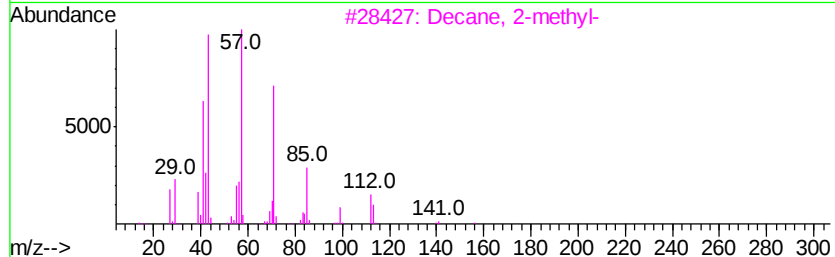
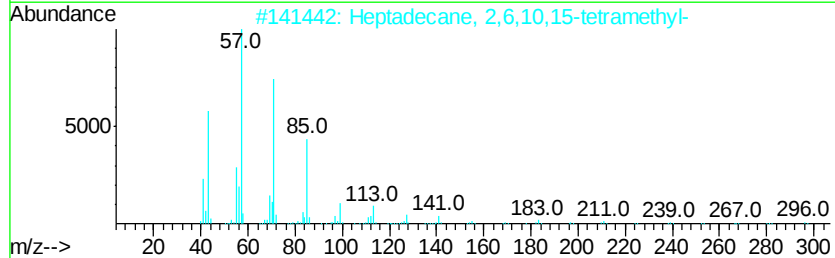
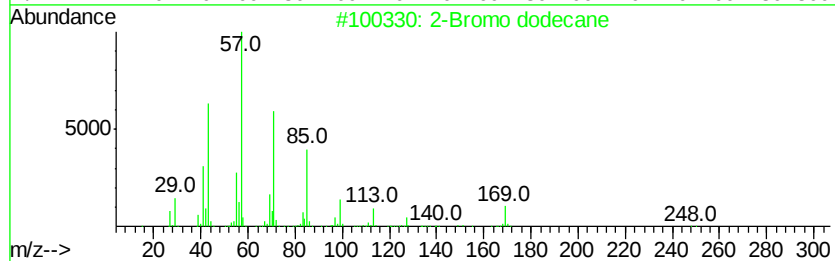
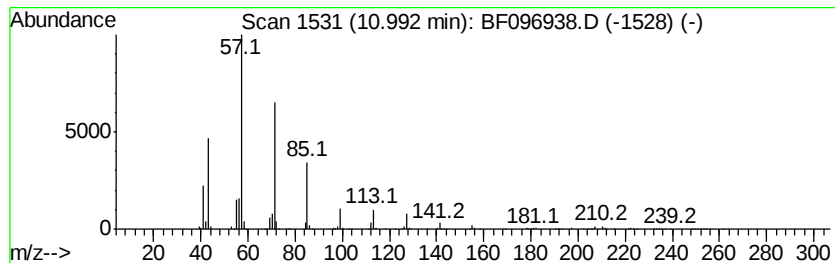
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 2-Bromo dodecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.99	55.48 ng	1609980	Phenanthrene-d10	11.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Bromo dodecane	248	C12H25Br	013187-99-0	87
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	83
3		Decane, 2-methyl-	156	C11H24	006975-98-0	80
4		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
5		Decane, 3-methyl-	156	C11H24	013151-34-3	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF072117\
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ALS Vial : 3 Sample Multiplier: 1

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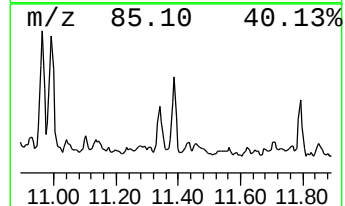
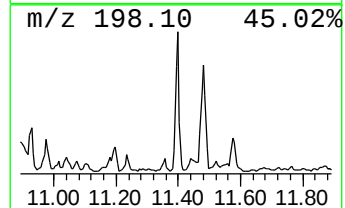
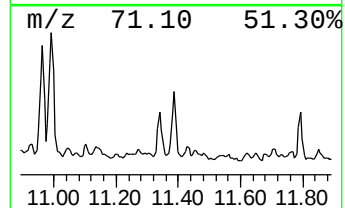
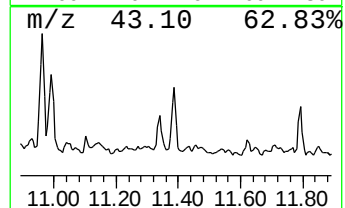
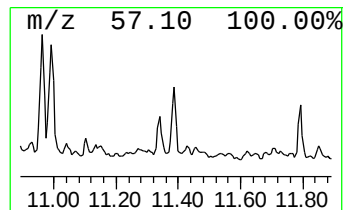
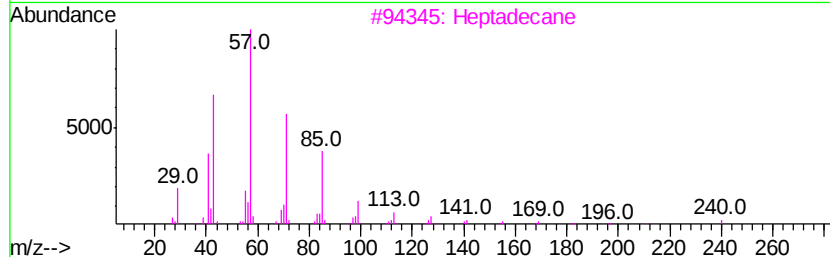
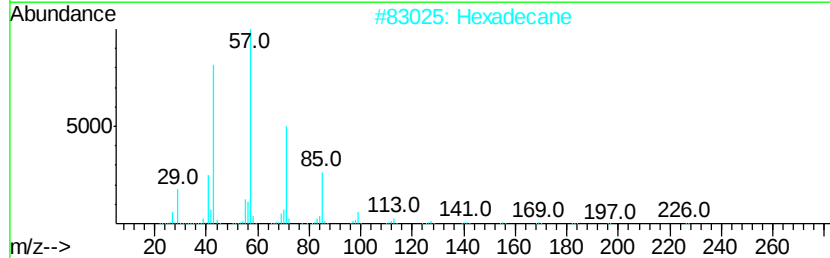
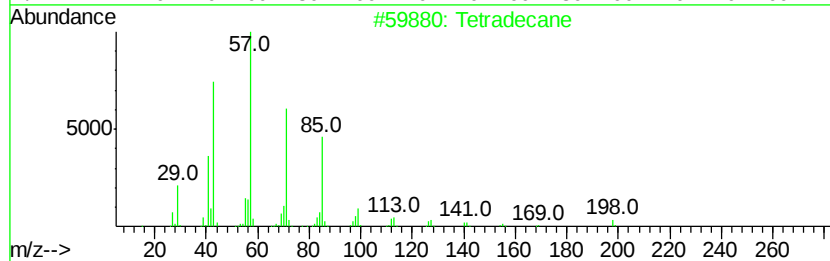
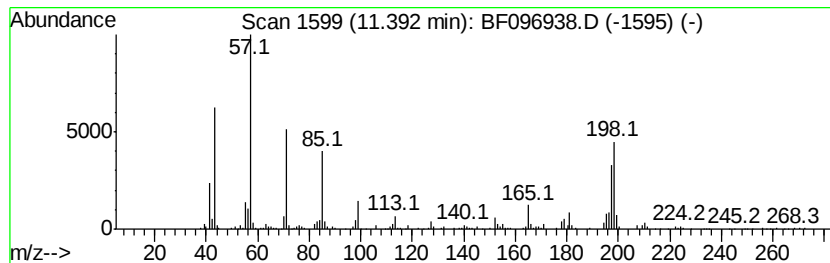
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Octacosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.39	27.45 ng	796533	Phenanthrene-d10	11.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	91
2		Hexadecane	226	C16H34	000544-76-3	80
3		Heptadecane	240	C17H36	000629-78-7	80
4		Octacosane	394	C28H58	000630-02-4	72
5		Pentadecane	212	C15H32	000629-62-9	64



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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
E2-O-P-6-7-BASE

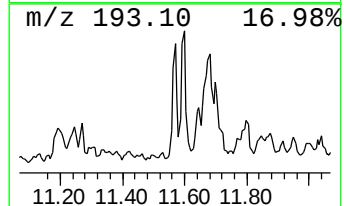
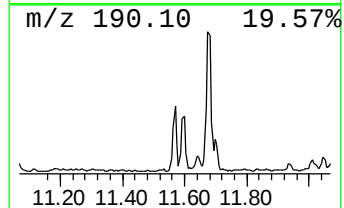
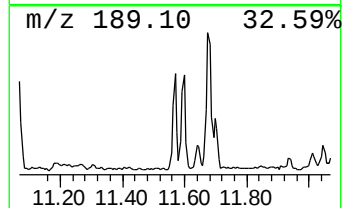
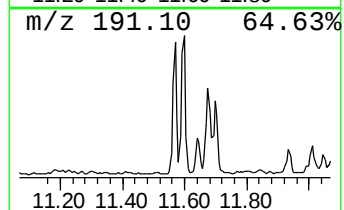
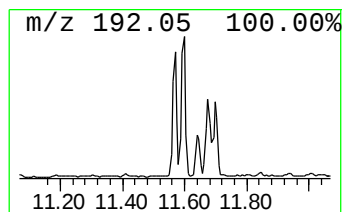
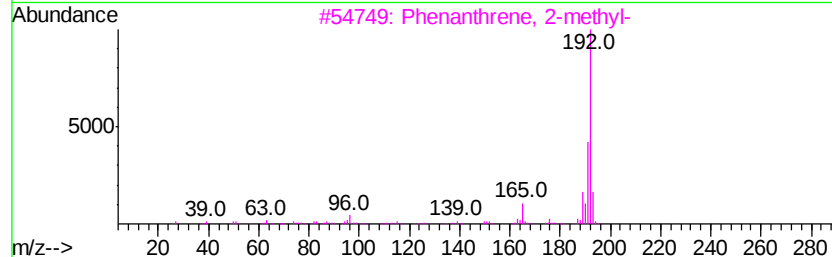
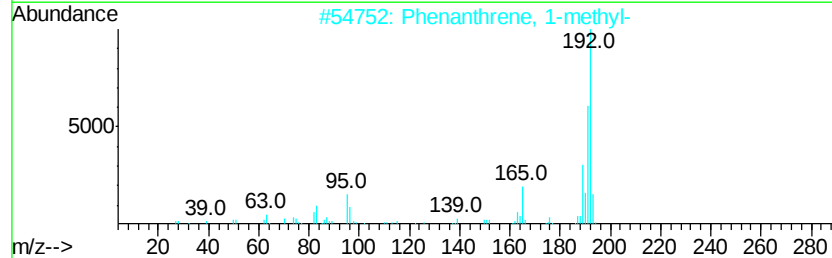
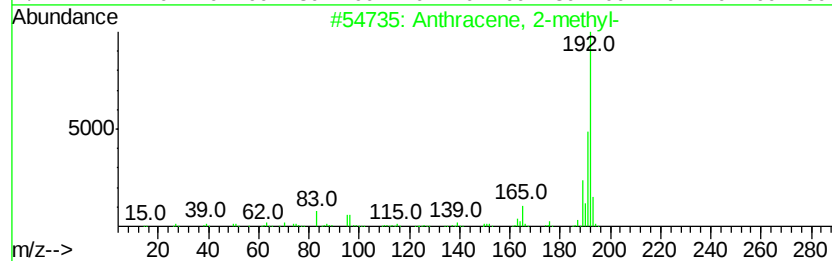
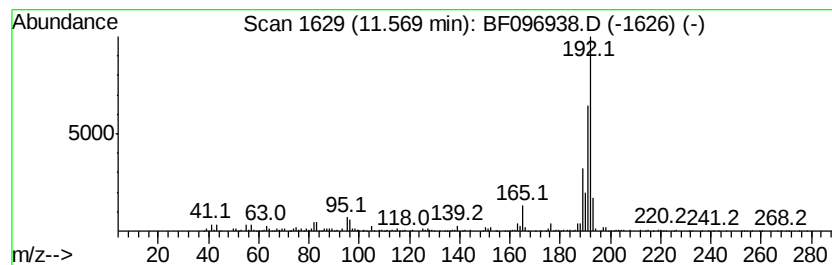
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Anthracene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	17.50 ng	507870	Phenanthrene-d10	11.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4		1H-Cyclopropa[1,1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	92
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072117\
 Data File : BF096938.D
 Acq On : 21 Jul 2017 12:26
 Operator : SJ/JU
 Sample : I4253-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-O-P-6-7-BASE

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
Benzene, 2-etheny...	7.59	16.6	ng	2180700	2	7.85	2634790	20.0
Decane, 2,6,7-tri...	8.30	20.4	ng	2686840	2	7.85	2634790	20.0
Hexadecane	8.47	15.9	ng	2097030	2	7.85	2634790	20.0
Naphthalene, 2-et...	9.12	34.0	ng	3715350	3	9.59	2184570	20.0
Naphthalene, 1,6-...	9.19	54.3	ng	5933070	3	9.59	2184570	20.0
Naphthalene, 2,3-...	9.38	33.4	ng	3643150	3	9.59	2184570	20.0
Naphthalene, 1,4,...	9.71	23.4	ng	2557790	3	9.59	2184570	20.0
Naphthalene, 2,3,...	9.92	14.7	ng	1606150	3	9.59	2184570	20.0
Naphthalene, 1,4,...	10.00	14.0	ng	1533420	3	9.59	2184570	20.0
9-Anthracenamine,...	10.50	68.2	ng	1980130	4	11.07	580364	20.0
Sulfurous acid, 2...	10.52	41.5	ng	1205460	4	11.07	580364	20.0
Octane, 3,6-dimet...	10.53	92.9	ng	2696580	4	11.07	580364	20.0
9H-Fluorene, 9-me...	10.72	19.5	ng	565737	4	11.07	580364	20.0
Tetradecane	10.96	47.8	ng	1385880	4	11.07	580364	20.0
2-Bromo dodecane	10.99	55.5	ng	1609980	4	11.07	580364	20.0
Octacosane	11.39	27.4	ng	796533	4	11.07	580364	20.0
Anthracene, 2-met...	11.57	17.5	ng	507870	4	11.07	580364	20.0