

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071717\
 Data File : BF096827.D
 Acq On : 17 Jul 2017 18:50
 Operator : SJ/JU
 Sample : I4203-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-SB02B

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	5.222	542	550	553	rBV	2388236	2675483	35.11%	1.700%
2	5.863	656	659	666	rVB	370048	431877	5.67%	0.274%
3	6.263	722	727	730	rBV	2238255	2437358	31.99%	1.549%
4	6.387	739	748	752	rBV	2487908	2756153	36.17%	1.751%
5	6.469	758	762	766	rBV	1279597	1233006	16.18%	0.784%
6	6.610	781	786	789	rVV2	771112	851531	11.18%	0.541%
7	6.645	789	792	795	rVB	746458	622907	8.17%	0.396%
8	6.769	807	813	818	rVV	2218911	2361879	31.00%	1.501%
9	6.910	831	837	839	rVB3	455218	639988	8.40%	0.407%
10	6.940	839	842	844	rBV	536425	417435	5.48%	0.265%
11	6.975	844	848	851	rBV	537053	541958	7.11%	0.344%
12	7.016	851	855	858	rBV3	774854	860121	11.29%	0.547%
13	7.175	873	882	885	rBV2	1532810	2218791	29.12%	1.410%
14	7.234	888	892	894	rVV	2879866	2565268	33.67%	1.630%
15	7.269	894	898	902	rVB4	553610	792407	10.40%	0.504%
16	7.310	902	905	908	rBV3	255861	400238	5.25%	0.254%
17	7.340	908	910	914	rVB	537697	570181	7.48%	0.362%
18	7.393	914	919	921	rBV3	498176	570364	7.49%	0.362%
19	7.422	921	924	929	rVB2	760000	1012405	13.29%	0.643%
20	7.540	937	944	946	rBV4	689141	1261986	16.56%	0.802%
21	7.598	950	954	957	rBV2	770380	1165773	15.30%	0.741%
22	7.634	957	960	963	rBV4	740504	768850	10.09%	0.489%
23	7.669	963	966	970	rVB2	1425439	1400851	18.38%	0.890%
24	7.716	971	974	976	rBV2	1113394	1204954	15.81%	0.766%
25	7.775	981	984	986	rBV	391668	417134	5.47%	0.265%
26	7.798	986	988	993	rVB3	425974	548362	7.20%	0.348%
27	7.863	993	999	1001	rBV5	674081	1097558	14.40%	0.697%
28	7.910	1001	1007	1011	rBV3	4373477	6135638	80.52%	3.899%
29	7.981	1017	1019	1022	rVB	2150319	1713879	22.49%	1.089%
30	8.034	1026	1028	1030	rVB	722575	587218	7.71%	0.373%
31	8.075	1030	1035	1039	rBV3	813190	1293656	16.98%	0.822%
32	8.116	1039	1042	1045	rVB	734118	611496	8.03%	0.389%
33	8.204	1052	1057	1059	rBV4	954581	1355622	17.79%	0.861%
34	8.263	1064	1067	1069	rBV3	1048319	906708	11.90%	0.576%

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35	8.298	1069	1073	1076	rVB2	1500635	1576489	20.69%	1.002%
36	8.345	1076	1081	1090	rVB	3890394	5317346	69.78%	3.379%
37	8.522	1105	1111	1114	rBV	4661900	6387794	83.83%	4.059%
38	8.610	1122	1126	1128	rVB2	1681615	2138677	28.07%	1.359%
39	8.651	1128	1133	1134	rBV3	601412	683110	8.97%	0.434%
40	8.669	1134	1136	1137	rVV2	546620	446258	5.86%	0.284%
41	8.710	1139	1143	1147	rVV	1774700	2253627	29.58%	1.432%
42	8.745	1147	1149	1152	rVB3	632160	540967	7.10%	0.344%
43	8.792	1154	1157	1159	rVV2	1221121	1513537	19.86%	0.962%
44	8.816	1159	1161	1164	rVV3	1361544	1663464	21.83%	1.057%
45	8.845	1164	1166	1169	rVV3	918232	1089296	14.30%	0.692%
46	8.875	1169	1171	1176	rVV	1477602	1748329	22.94%	1.111%
47	8.916	1176	1178	1180	rVV2	1242881	1309998	17.19%	0.832%
48	8.945	1180	1183	1185	rVV	3165357	3139975	41.21%	1.995%
49	8.975	1185	1188	1191	rVB	2093207	2009513	26.37%	1.277%
50	9.086	1200	1207	1211	rBV	4547487	7619724	100.00%	4.842%
51	9.122	1211	1213	1216	rBV2	853473	892398	11.71%	0.567%
52	9.239	1228	1233	1236	rBV	1557677	2714492	35.62%	1.725%
53	9.316	1243	1246	1249	rBV2	1444425	1765487	23.17%	1.122%
54	9.345	1249	1251	1253	rVB2	860157	720731	9.46%	0.458%
55	9.369	1253	1255	1257	rBV	818103	673124	8.83%	0.428%
56	9.398	1257	1260	1262	rVV2	2277893	2344018	30.76%	1.490%
57	9.451	1267	1269	1272	rVB2	1010819	976212	12.81%	0.620%
58	9.504	1276	1278	1281	rBV3	566852	622348	8.17%	0.395%
59	9.569	1287	1289	1292	rVB2	1264521	1180983	15.50%	0.750%
60	9.616	1292	1297	1299	rBV	4359455	5659916	74.28%	3.597%
61	9.645	1299	1302	1305	rVV4	1189874	1333244	17.50%	0.847%
62	9.763	1319	1322	1326	rVB2	1017707	1581354	20.75%	1.005%
63	9.845	1331	1336	1337	rVV2	874118	1436285	18.85%	0.913%
64	9.863	1337	1339	1342	rVV2	1661420	1405596	18.45%	0.893%
65	9.898	1342	1345	1347	rVV2	1111752	1123515	14.74%	0.714%
66	9.928	1347	1350	1353	rVB	2126718	2016862	26.47%	1.282%
67	9.975	1353	1358	1360	rBV2	1061011	1690544	22.19%	1.074%
68	9.998	1360	1362	1364	rVB	833883	680161	8.93%	0.432%
69	10.051	1368	1371	1372	rBV2	569874	549566	7.21%	0.349%
70	10.110	1377	1381	1384	rVB	3798063	4575552	60.05%	2.908%
71	10.222	1397	1400	1403	rVV2	643151	690494	9.06%	0.439%

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72	10.257	1404	1406	1409	rVB2	650335	579062	7.60%	0.368%
73	10.322	1413	1417	1420	rVV	2798874	3640544	47.78%	2.313%
74	10.369	1423	1425	1428	rVB2	1065346	932214	12.23%	0.592%
75	10.398	1428	1430	1433	rBV	1058409	1239417	16.27%	0.788%
76	10.433	1433	1436	1440	rVB5	1467798	1833992	24.07%	1.165%
77	10.475	1440	1443	1446	rBV3	570829	632834	8.31%	0.402%
78	10.581	1455	1461	1462	rBV2	3865827	5451337	71.54%	3.464%
79	10.639	1469	1471	1473	rVB	578382	446721	5.86%	0.284%
80	10.769	1490	1493	1495	rBV3	673422	782900	10.27%	0.498%
81	10.792	1495	1497	1500	rVB3	719485	685499	9.00%	0.436%
82	10.822	1500	1502	1505	rVB3	509074	469758	6.17%	0.299%
83	10.851	1505	1507	1509	rBV	701908	627604	8.24%	0.399%
84	11.022	1532	1536	1538	rVV	3785295	4162304	54.63%	2.645%
85	11.051	1538	1541	1546	rVB	2384557	2603696	34.17%	1.655%
86	11.151	1555	1558	1561	rBV3	417953	477767	6.27%	0.304%
87	11.280	1578	1580	1584	rVB2	474581	408979	5.37%	0.260%
88	11.316	1584	1586	1589	rVV	393099	367343	4.82%	0.233%
89	11.345	1589	1591	1596	rVV4	301936	420404	5.52%	0.267%
90	11.392	1596	1599	1602	rVV	614571	673796	8.84%	0.428%
91	11.439	1603	1607	1612	rVV	3763160	3889014	51.04%	2.471%
92	11.480	1612	1614	1619	rVB4	375378	470727	6.18%	0.299%
93	11.728	1653	1656	1659	rBV4	428379	519591	6.82%	0.330%
94	11.839	1672	1675	1679	rVB	2684347	2439121	32.01%	1.550%
95	12.169	1727	1731	1737	rBV3	295056	427523	5.61%	0.272%
96	12.222	1737	1740	1743	rVV	1682710	1393939	18.29%	0.886%
97	12.592	1796	1803	1805	rBV2	790306	831788	10.92%	0.529%
98	12.698	1817	1821	1824	rBV	1461177	1413582	18.55%	0.898%
99	13.733	1993	1997	2003	rVB	579153	501575	6.58%	0.319%
100	15.110	2226	2231	2235	rBV	472429	540983	7.10%	0.344%

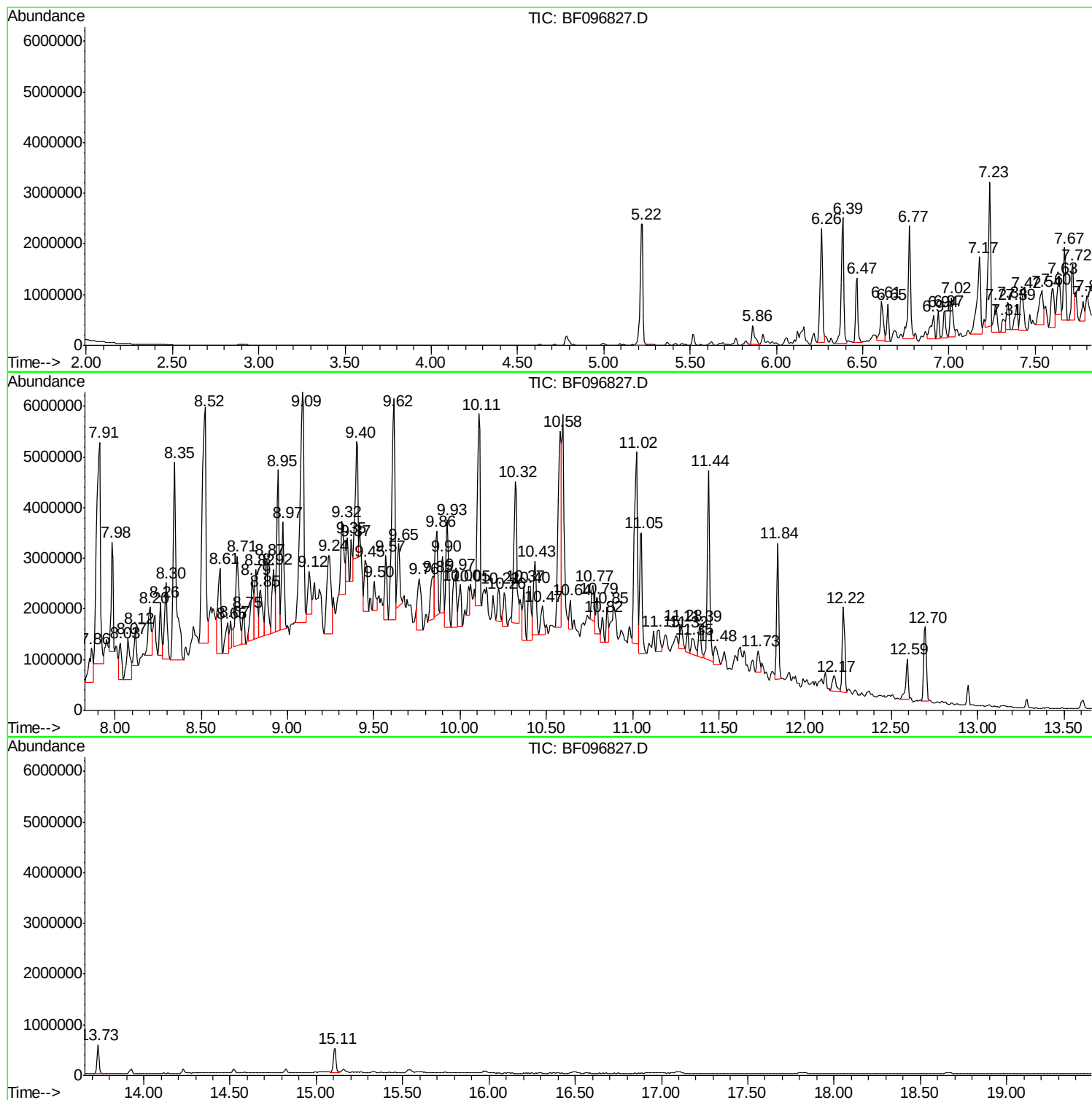
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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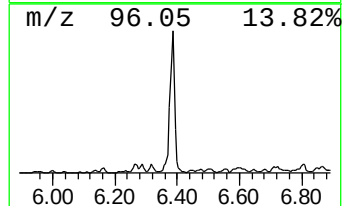
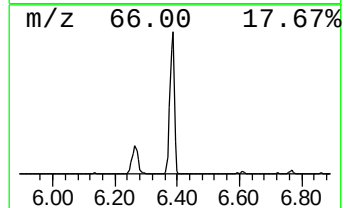
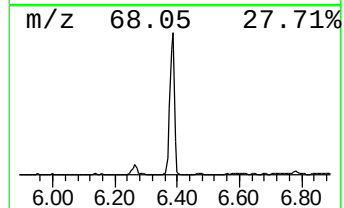
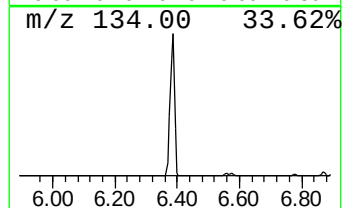
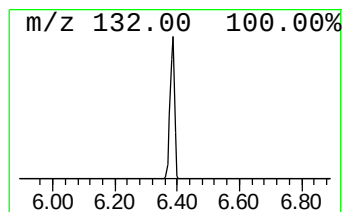
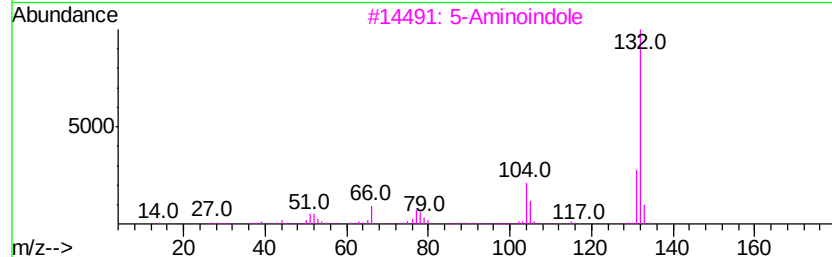
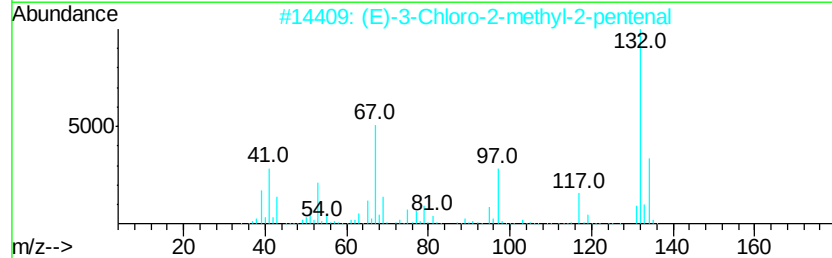
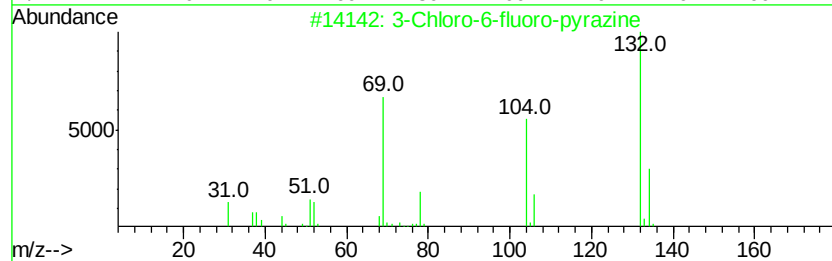
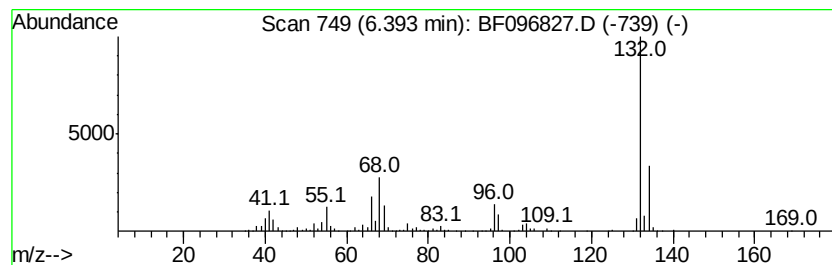
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.39 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.39	64.73 ng	2756150	1,4-Dichlorobenzene-d4	6.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9



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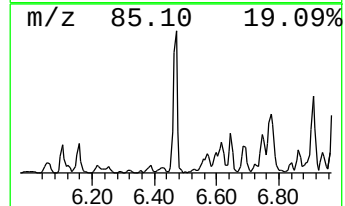
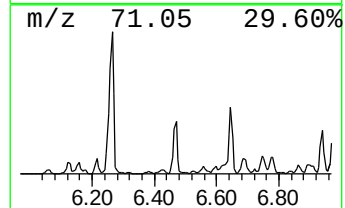
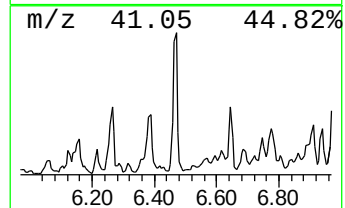
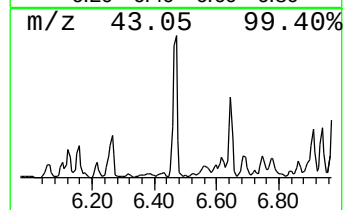
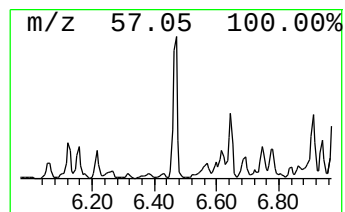
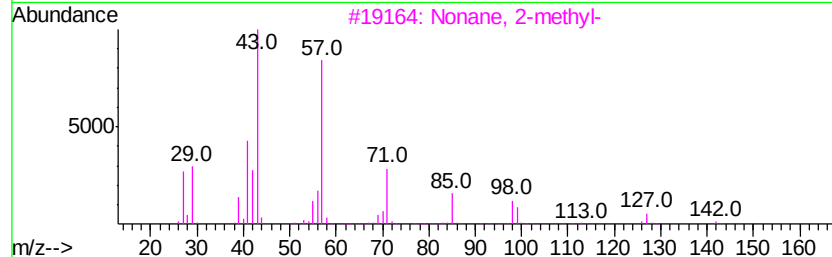
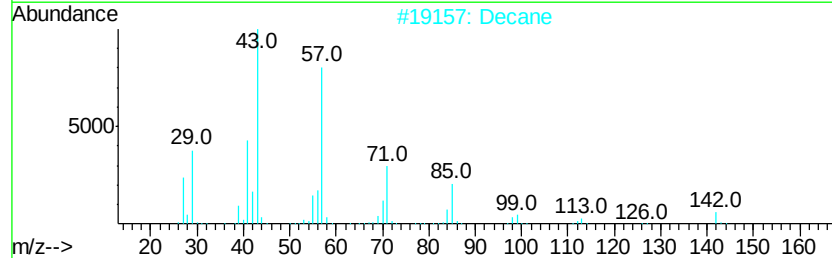
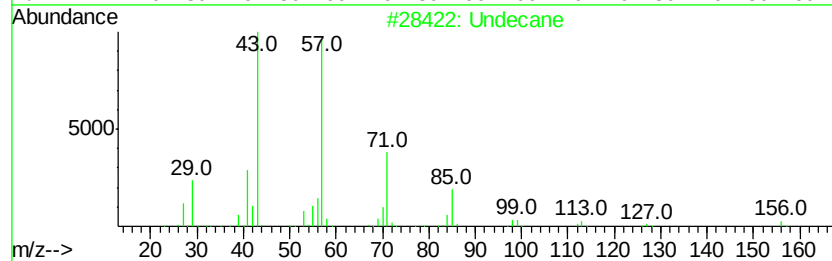
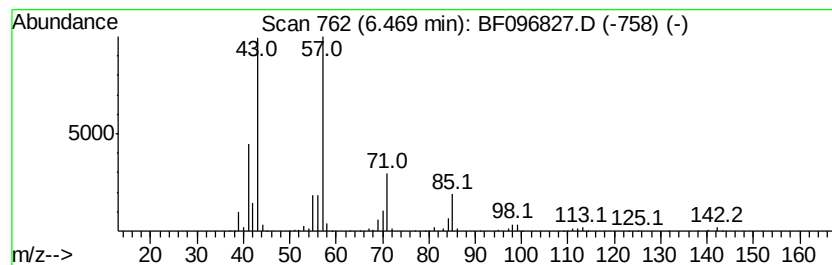
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 Undecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	28.96 ng	1233010	1,4-Dichlorobenzene-d4	6.61

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane		156	C11H24	001120-21-4	83
2	Decane		142	C10H22	000124-18-5	78
3	Nonane, 2-methyl-		142	C10H22	000871-83-0	72
4	Dodecane, 2-methyl-		184	C13H28	001560-97-0	59
5	Nonane		128	C9H20	000111-84-2	59



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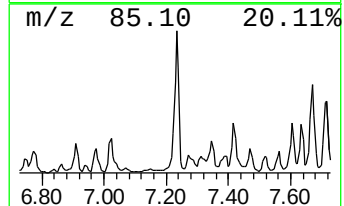
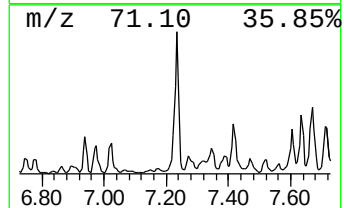
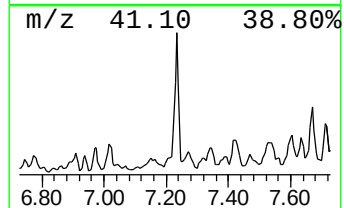
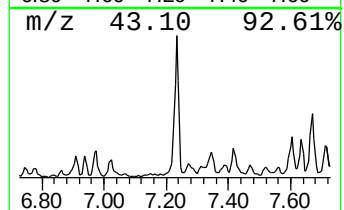
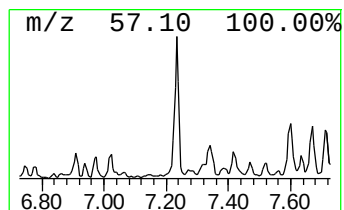
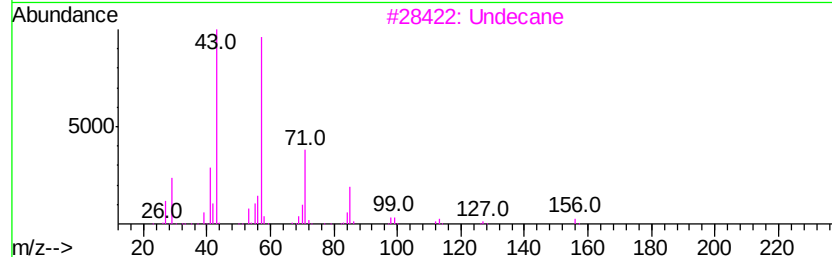
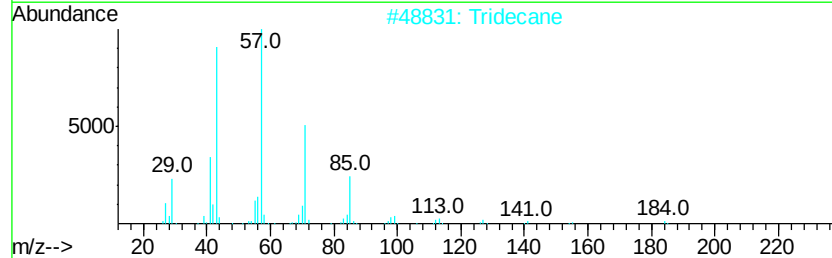
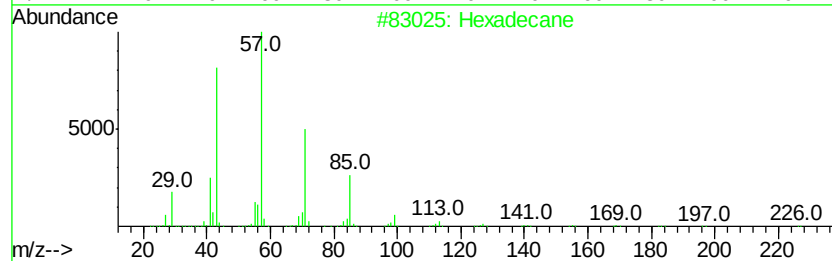
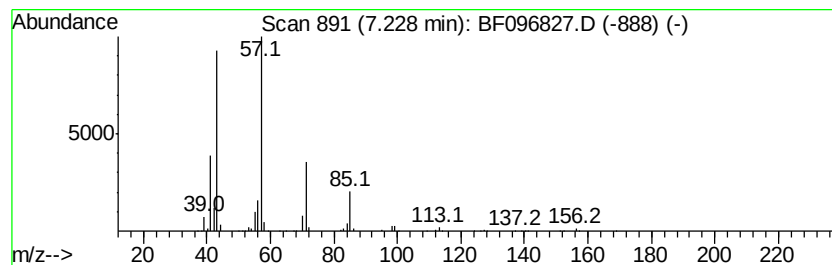
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Peak Number 4 Hexadecane Concentration Rank 8

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7.23	60.25 ng	2565270	1,4-Dichlorobenzene-d4	6.61

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	83
2	Tridecane		184	C13H28	000629-50-5	83
3	Undecane		156	C11H24	001120-21-4	83
4	Tetradecane		198	C14H30	000629-59-4	78
5	Decane		142	C10H22	000124-18-5	78



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Operator : SJ/JU
Sample : I4203-04
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Instrument :
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ClientSampleId :
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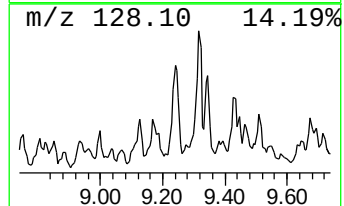
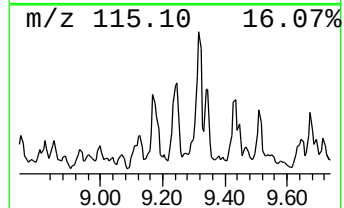
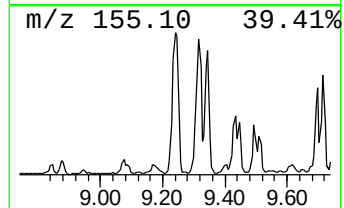
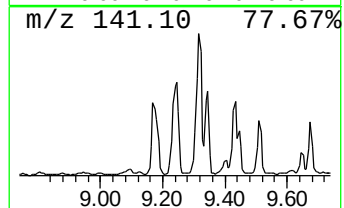
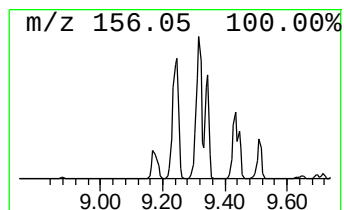
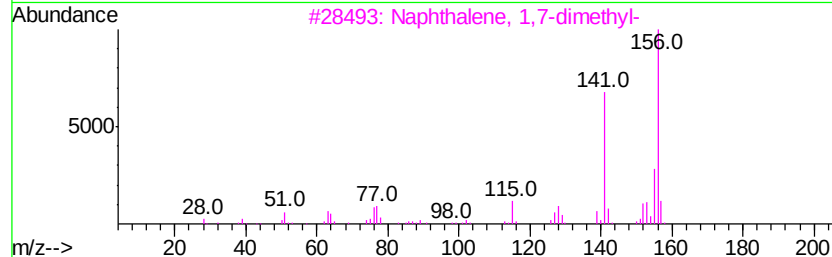
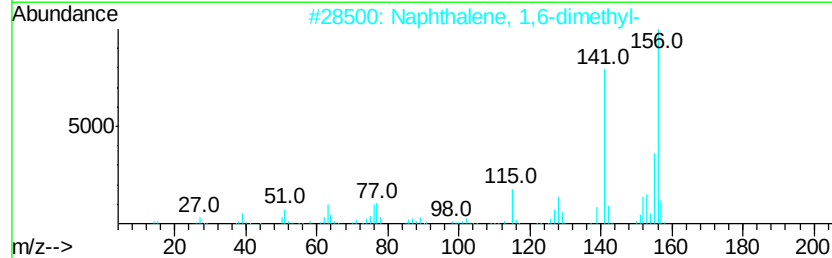
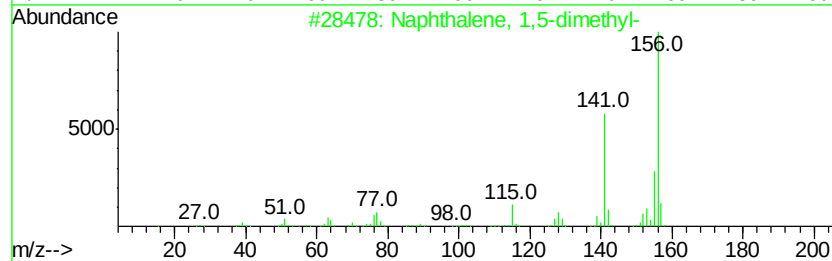
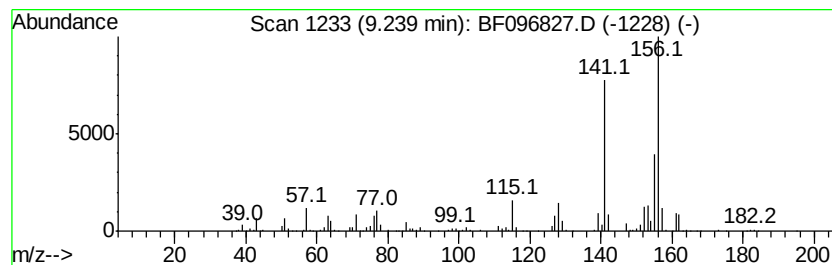
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, 1,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.24	40.72 ng	2714490	Acenaphthene-d10	9.65

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF071717\
Data File : BF096827.D
Acq On : 17 Jul 2017 18:50
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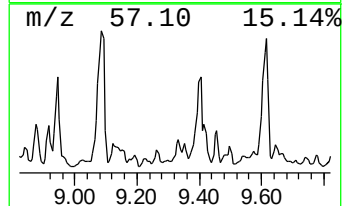
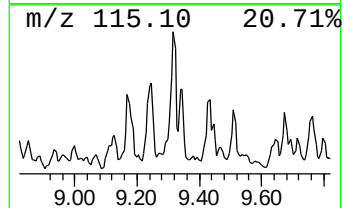
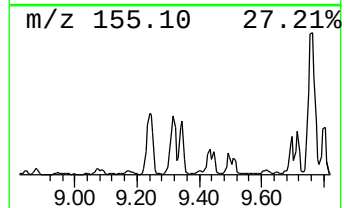
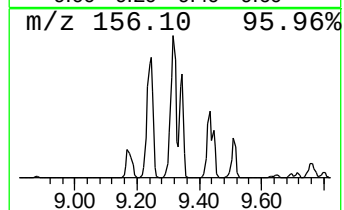
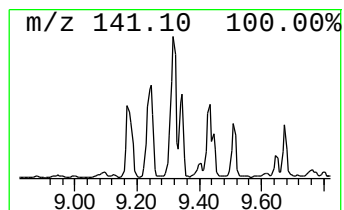
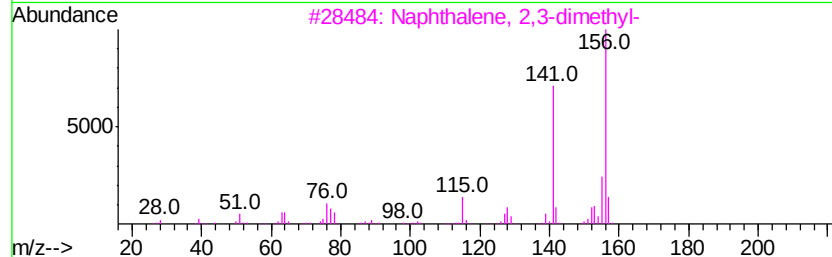
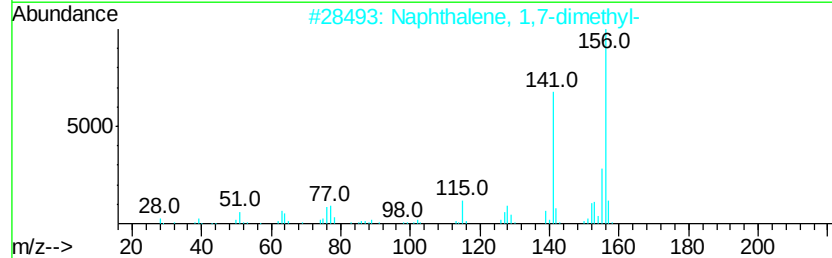
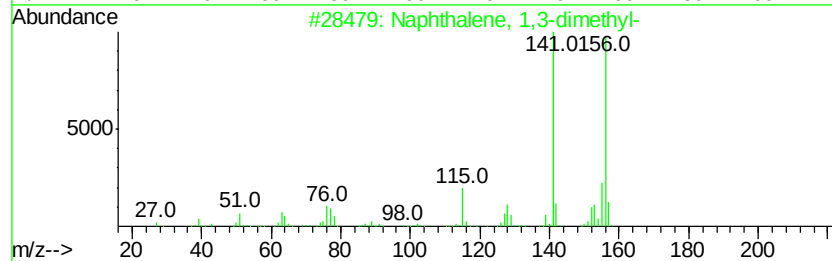
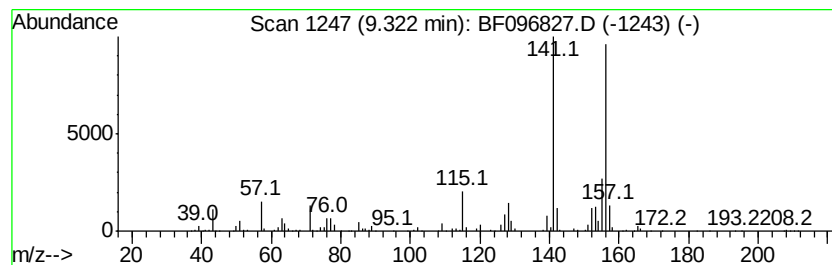
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Naphthalene, 1,3-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.32	26.48 ng	1765490	Acenaphthene-d10	9.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5		Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	96



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071717\
Data File : BF096827.D
Acq On : 17 Jul 2017 18:50
Operator : SJ/JU
Sample : I4203-04
Misc :
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ClientSampleId :
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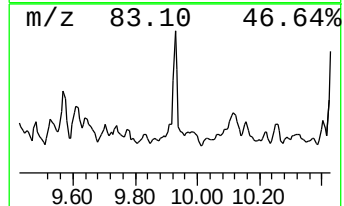
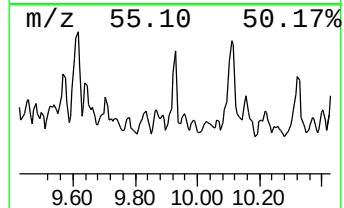
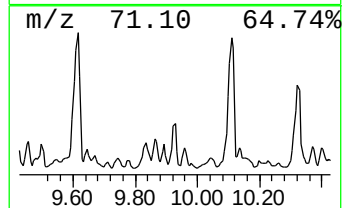
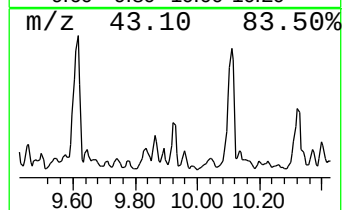
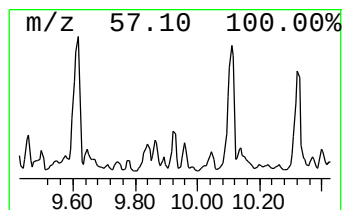
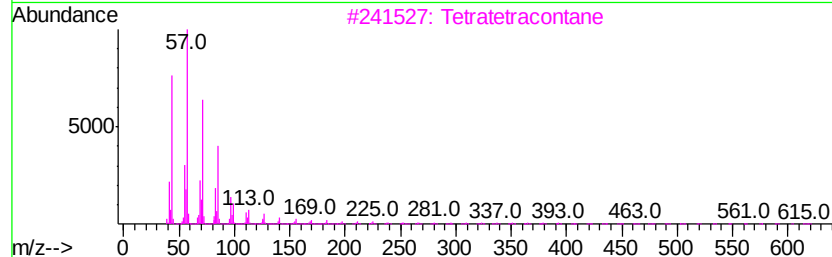
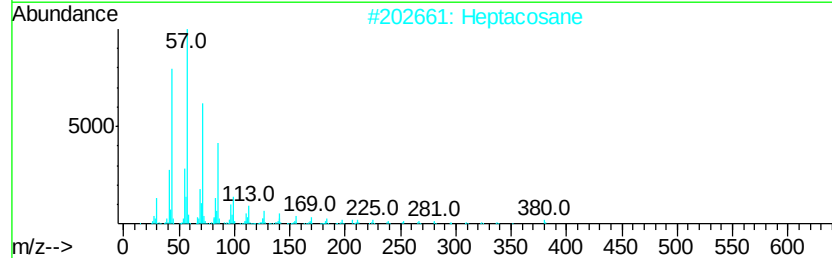
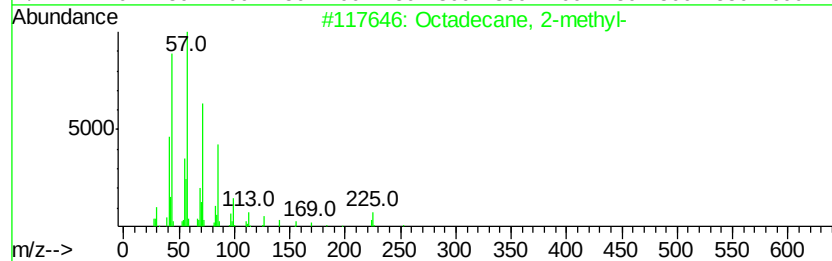
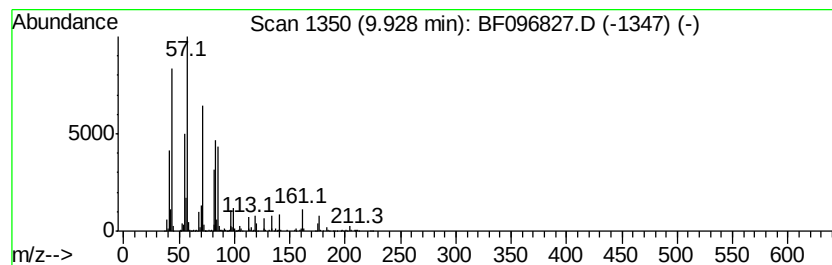
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Octadecane, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.93	30.26 ng	2016860	Acenaphthene-d10	9.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	53
2		Heptacosane	380	C27H56	000593-49-7	52
3		Tetratetracontane	619	C44H90	007098-22-8	52
4		Hexatriacontane	507	C36H74	000630-06-8	52
5		2-Bromotetradecane	276	C14H29Br	074036-95-6	49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071717\
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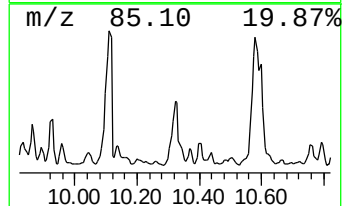
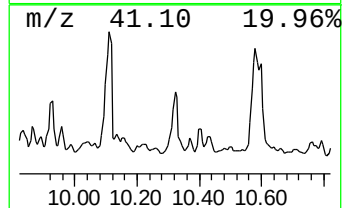
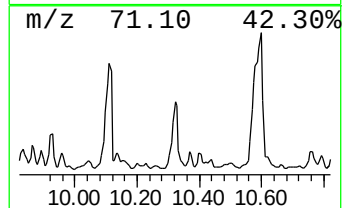
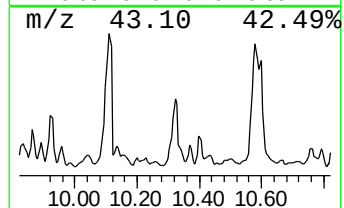
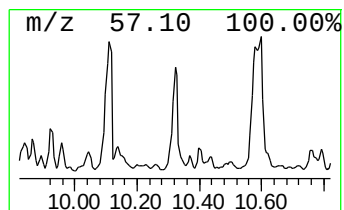
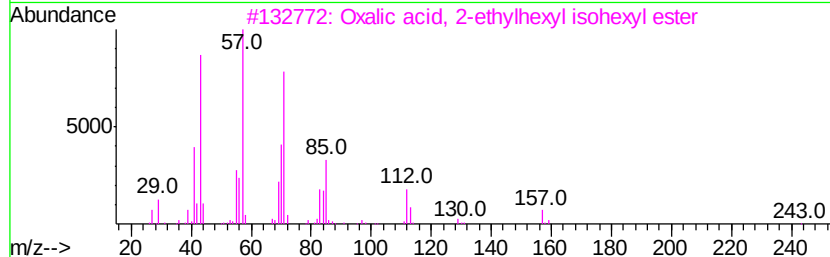
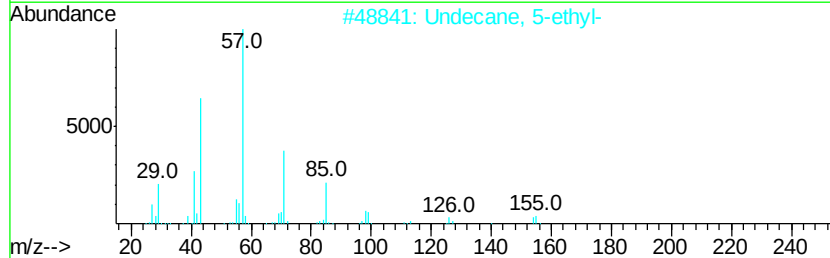
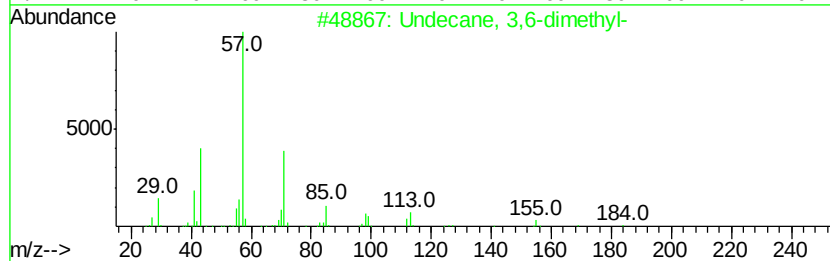
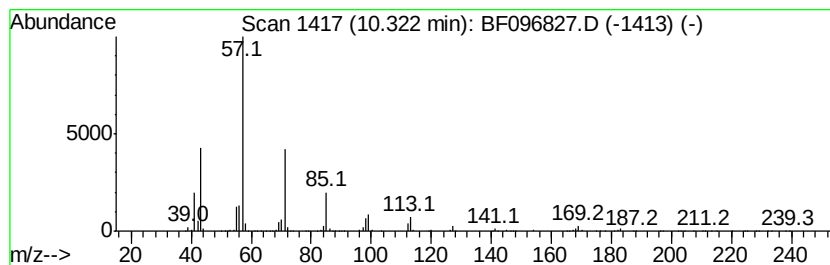
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Undecane, 3,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.32	54.61 ng	3640540	Acenaphthene-d10	9.65	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	80
2	Undecane, 5-ethyl-	184	C13H28	017453-94-0	78
3	Oxalic acid, 2-ethylhexyl isohex...	286	C16H30O4	1000309-38-8	59
4	Tridecane, 3-methyl-	198	C14H30	006418-41-3	59
5	Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071717\
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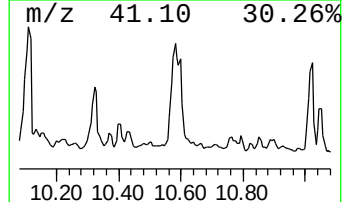
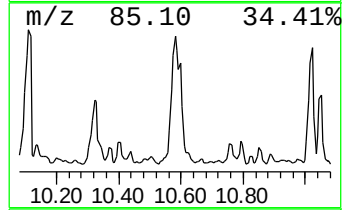
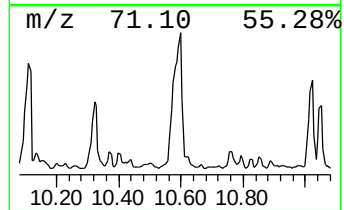
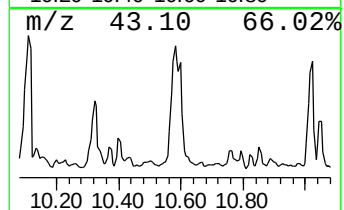
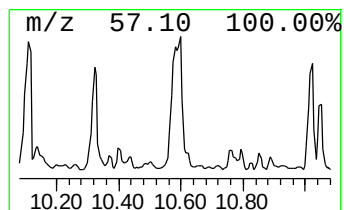
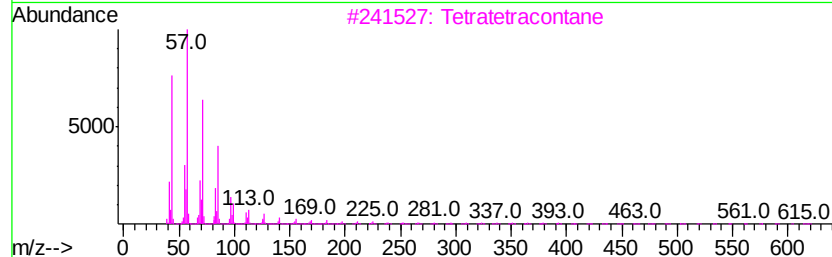
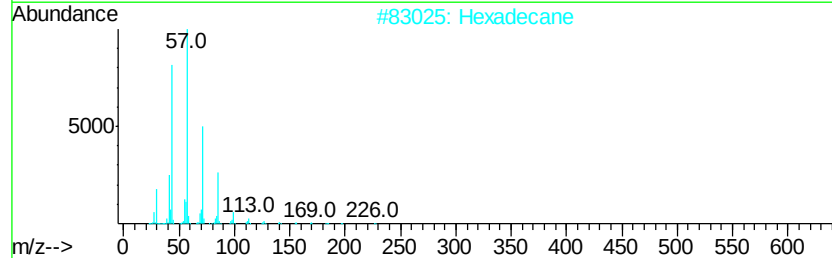
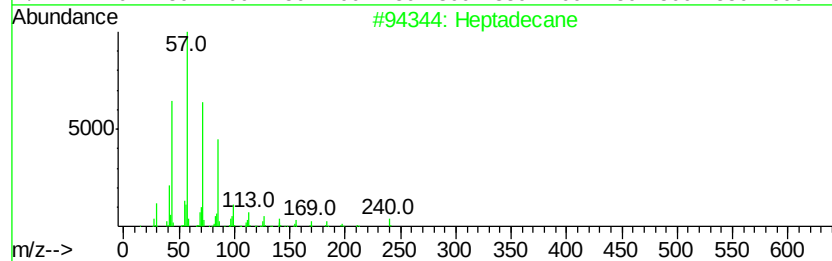
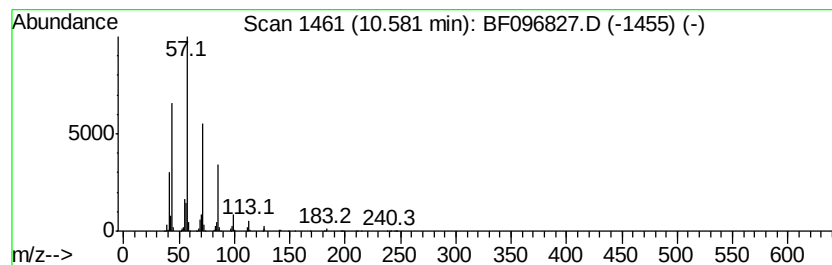
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heptadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.58	228.20 ng	5451340	Phenanthrene-d10		11.12
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Hexadecane	226	C16H34	000544-76-3	90
3	Tetratetracontane	619	C44H90	007098-22-8	90
4	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	83
5	Tridecane, 5-propyl-	226	C16H34	055045-11-9	83



Data Path : Z:\HPCHEM1\BNA F\DATA\BF071717\
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Acq On : 17 Jul 2017 18:50
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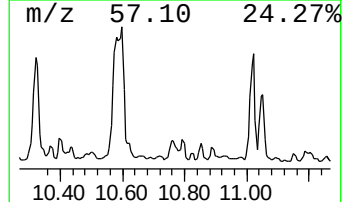
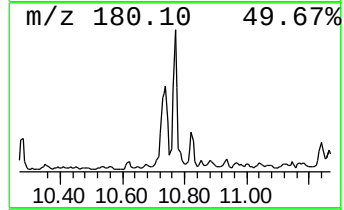
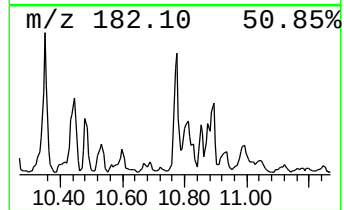
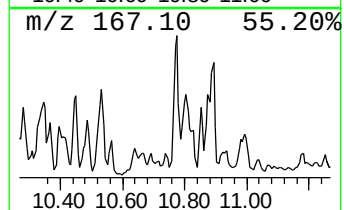
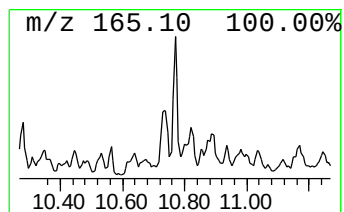
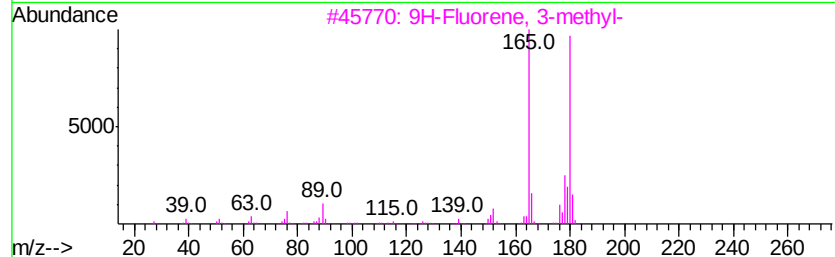
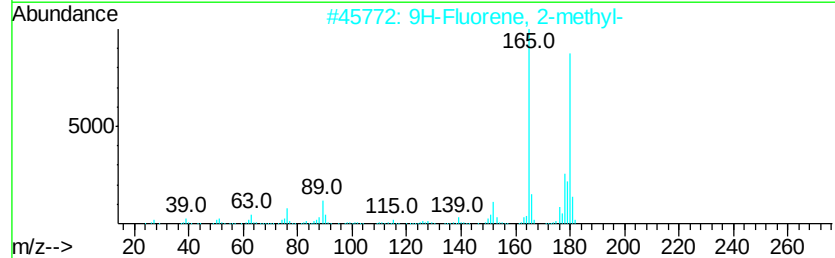
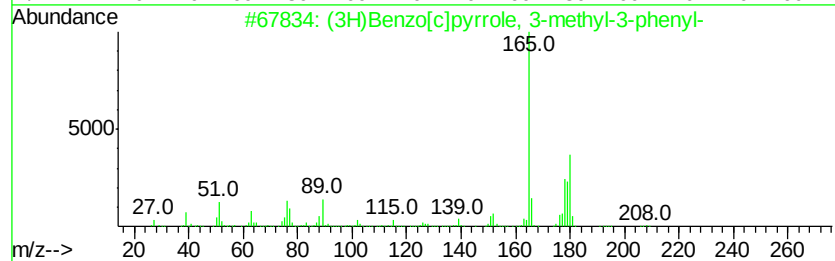
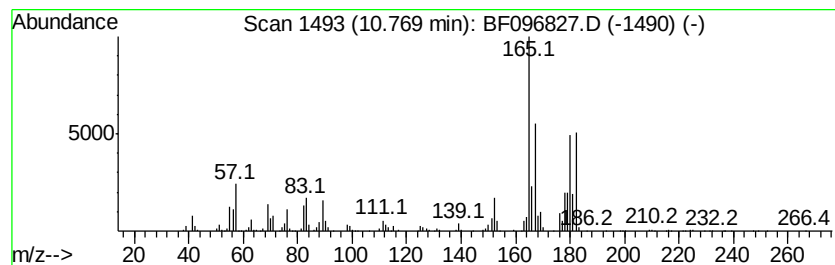
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown10.77 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	32.77 ng	782900	Phenanthrene-d10	11.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(3H)Benzo[c]pyrrole, 3-methyl-3-...	208	C14H12N2	059341-20-7	46
2		9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	46
3		9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	43
4		4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	38
5		1,4-Methanonaphthalene,1,4-dihyd...	182	C14H14	007350-72-3	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071717\
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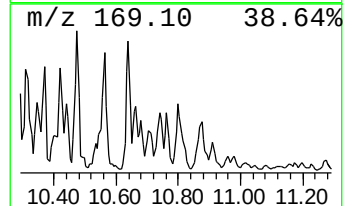
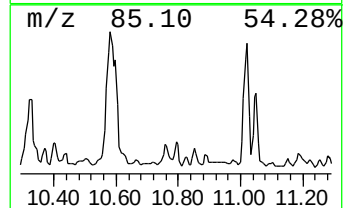
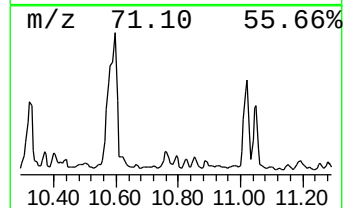
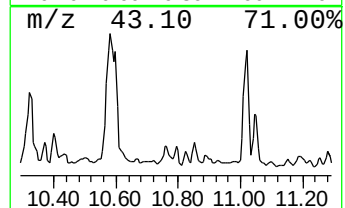
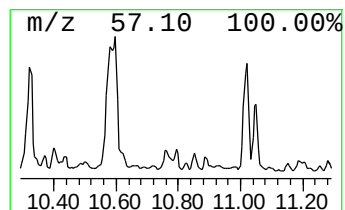
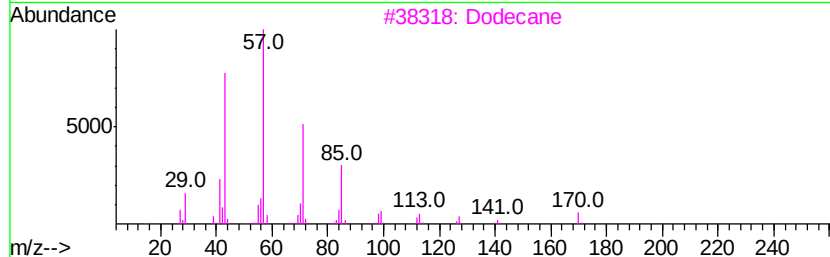
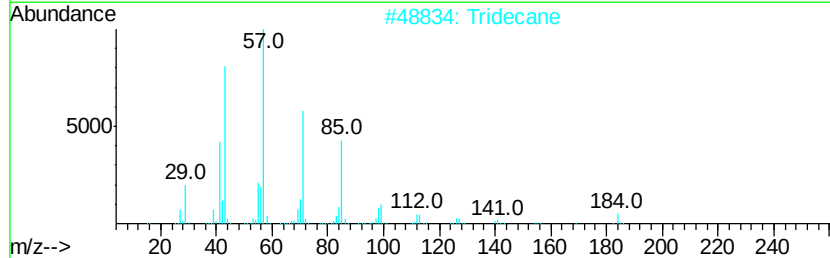
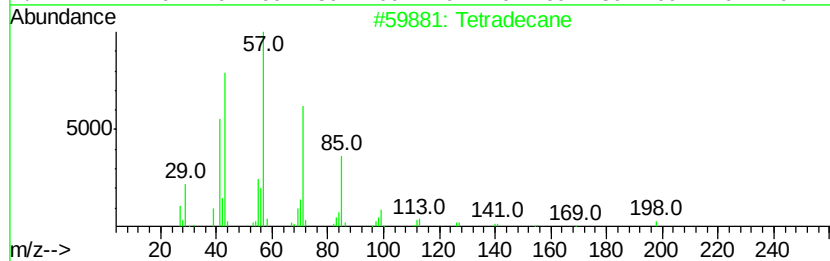
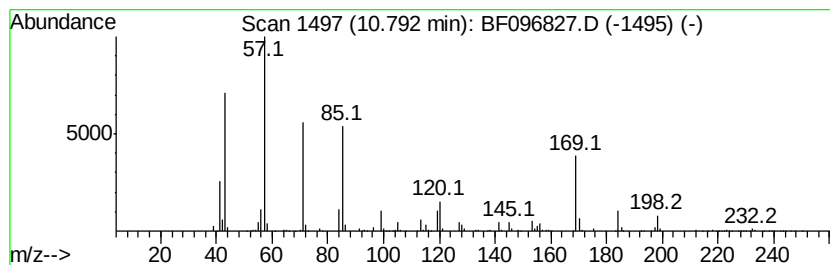
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 unknown10.79 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.79	28.70 ng	685499	Phenanthrene-d10	11.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	49
2		Tridecane	184	C13H28	000629-50-5	49
3		Dodecane	170	C12H26	000112-40-3	38
4		Hexadecane, 3-methyl-	240	C17H36	006418-43-5	30
5		Tetradecane, 4-methyl-	212	C15H32	025117-24-2	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071717\
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Acq On : 17 Jul 2017 18:50
Operator : SJ/JU
Sample : I4203-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

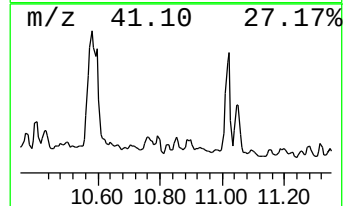
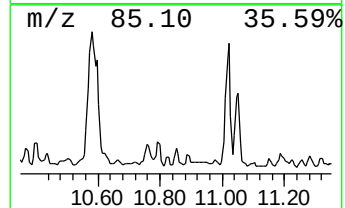
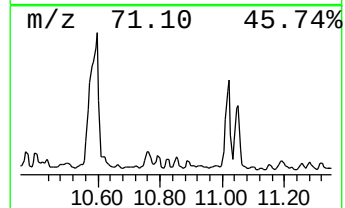
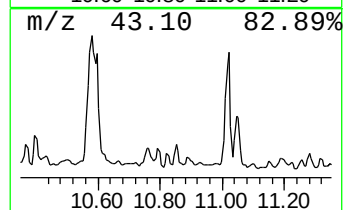
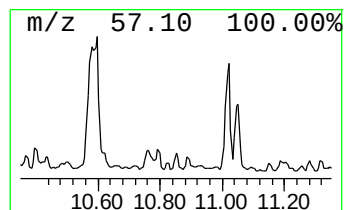
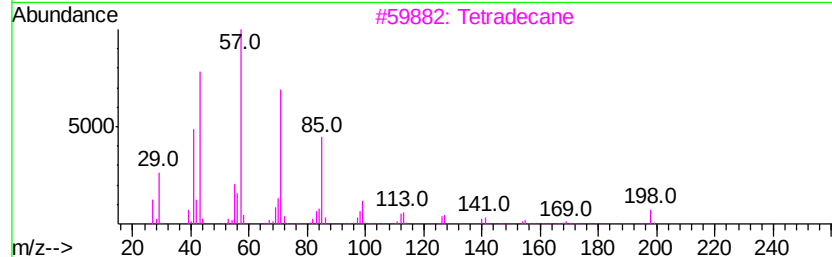
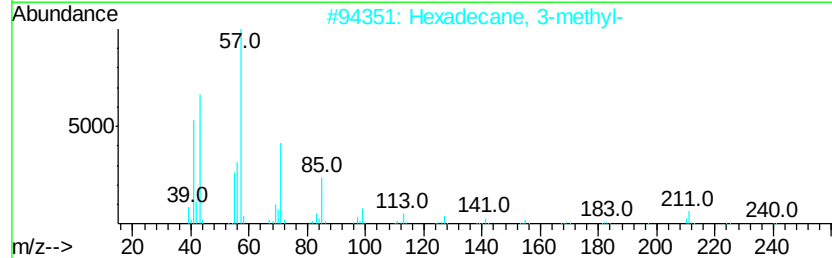
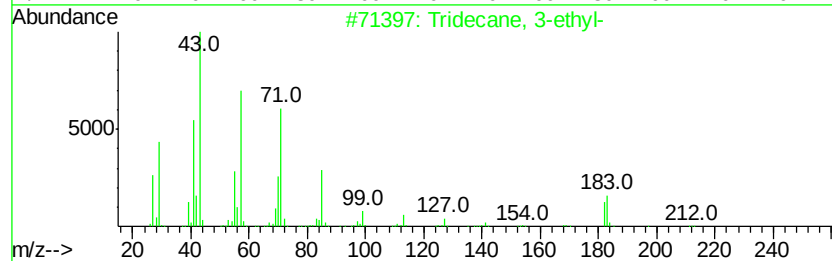
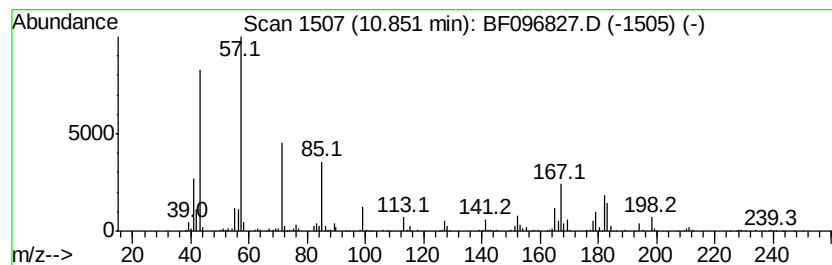
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Tridecane, 3-ethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.85	26.27 ng	627604	Phenanthrene-d10		11.12
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 3-ethyl-	212	C15H32	013286-73-2	60
2	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	45
3	Tetradecane	198	C14H30	000629-59-4	43
4	2-Bromotetradecane	276	C14H29Br	074036-95-6	43
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071717\
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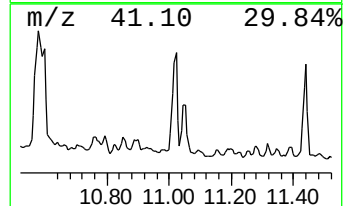
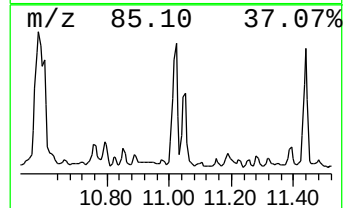
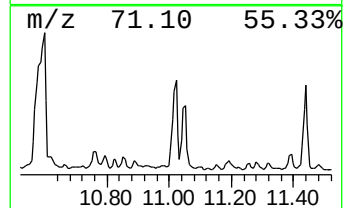
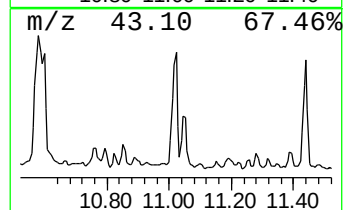
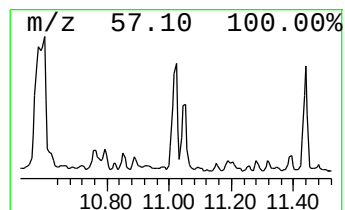
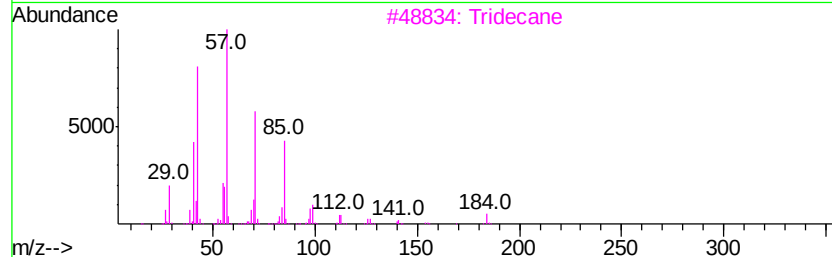
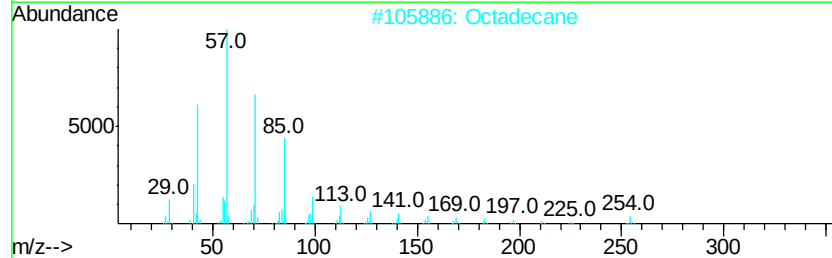
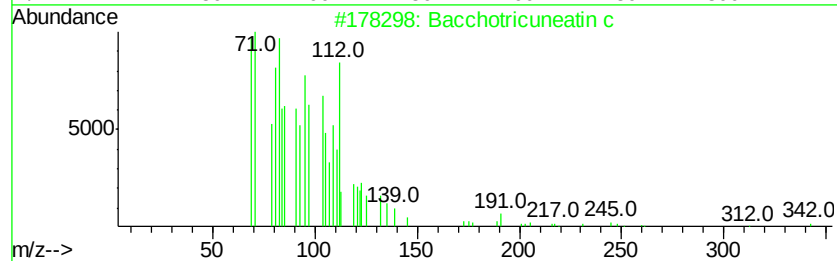
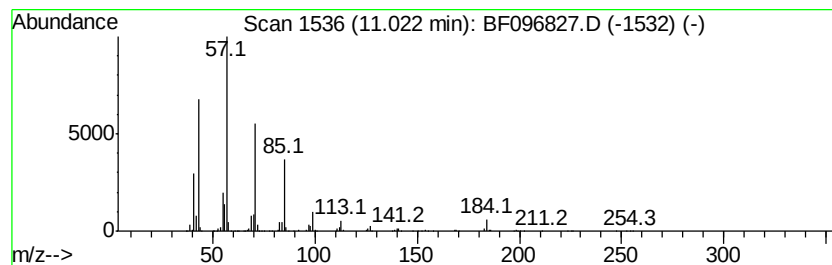
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Bacchotricuneatin c Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.02	174.24 ng	4162300	Phenanthrene-d10	11.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	96
2		Octadecane	254	C18H38	000593-45-3	93
3		Tridecane	184	C13H28	000629-50-5	90
4		Tridecane, 2-methyl-	198	C14H30	001560-96-9	87
5		Hexadecane	226	C16H34	000544-76-3	87



Data Path : Z:\HPCHEM1\BNA F\DATA\BF071717\
Data File : BF096827.D
Acq On : 17 Jul 2017 18:50
Operator : SJ/JU
Sample : I4203-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NB-SB02B

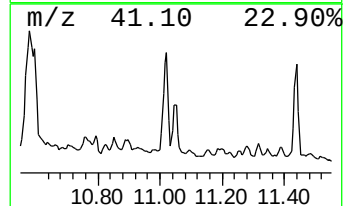
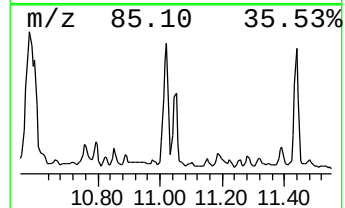
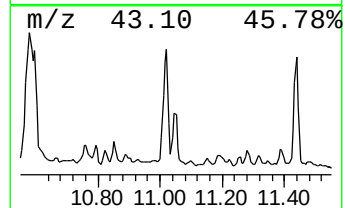
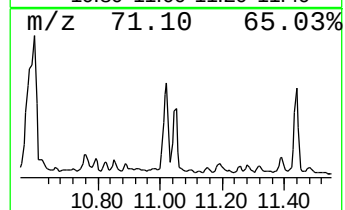
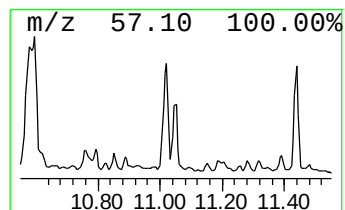
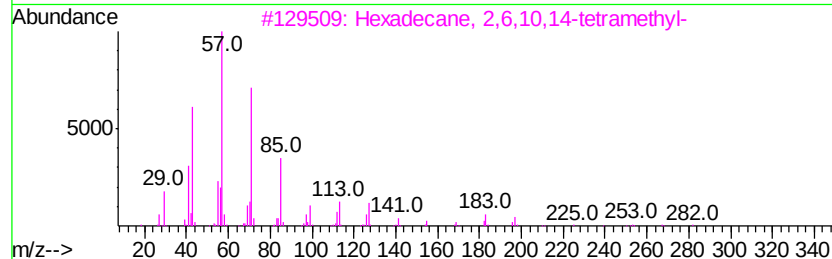
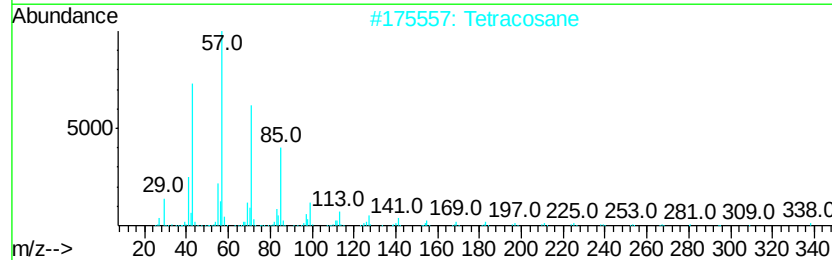
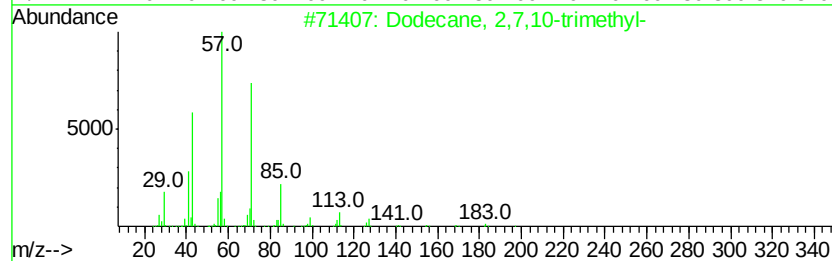
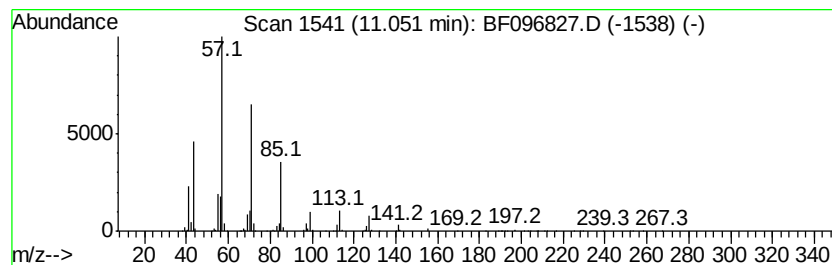
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Dodecane, 2,7,10-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.05	108.99 ng	2603700	Phenanthrene-d10	11.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
2		Tetracosane	338	C24H50	000646-31-1	83
3		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	78
4		Tritetracontane	605	C43H88	007098-21-7	78
5		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	78



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071717\
Data File : BF096827.D
Acq On : 17 Jul 2017 18:50
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Sample : I4203-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

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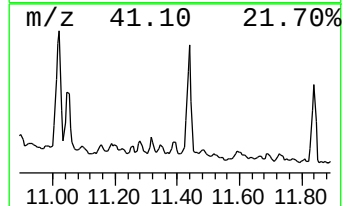
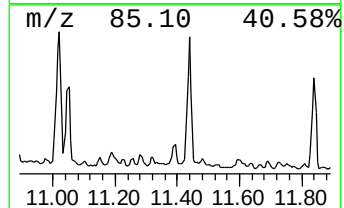
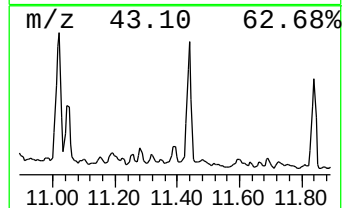
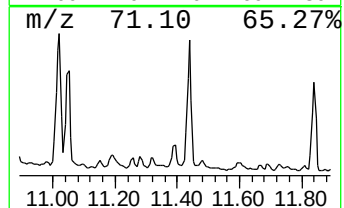
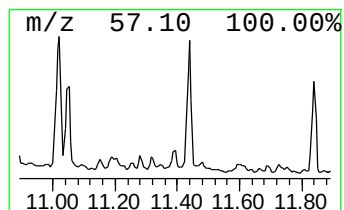
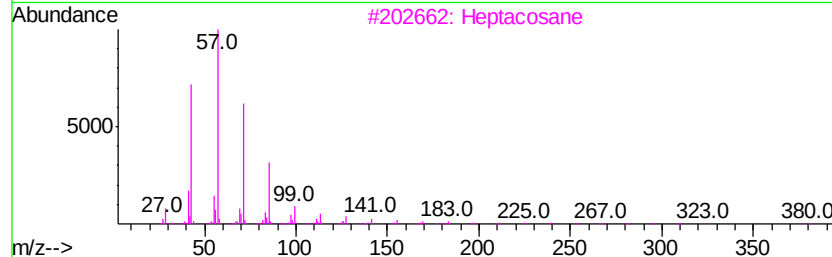
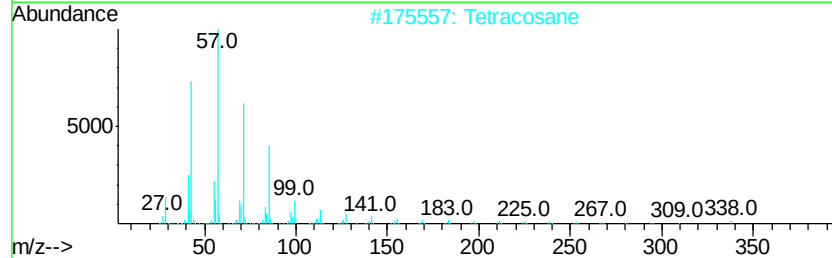
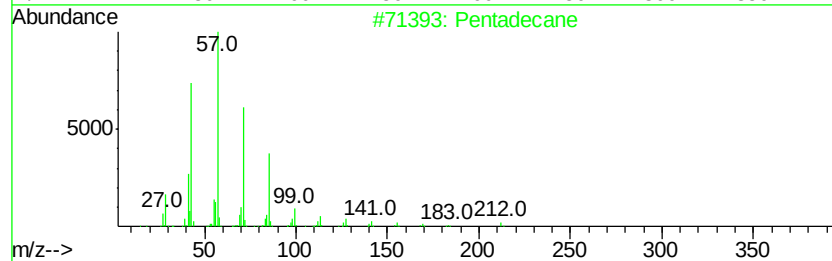
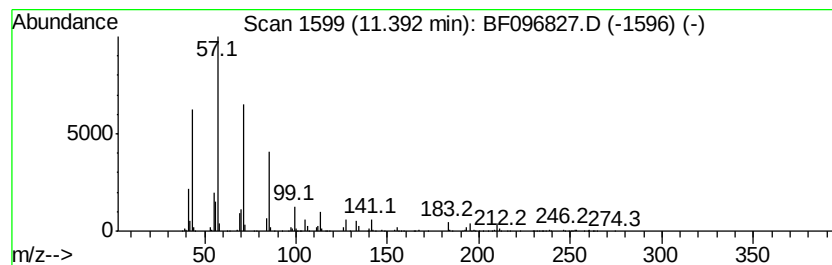
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Pentadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.39	28.21 ng	673796	Phenanthrene-d10	11.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	80
2		Tetracosane	338	C24H50	000646-31-1	80
3		Heptacosane	380	C27H56	000593-49-7	80
4		Octadecane	254	C18H38	000593-45-3	78
5		Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071717\
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Acq On : 17 Jul 2017 18:50
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ALS Vial : 19 Sample Multiplier: 1

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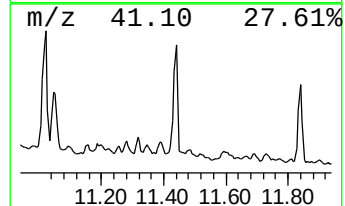
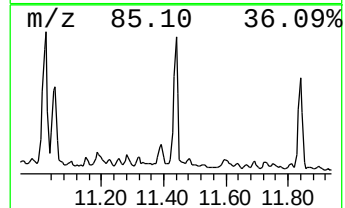
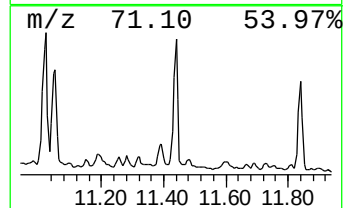
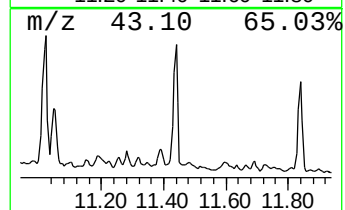
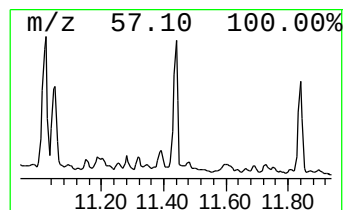
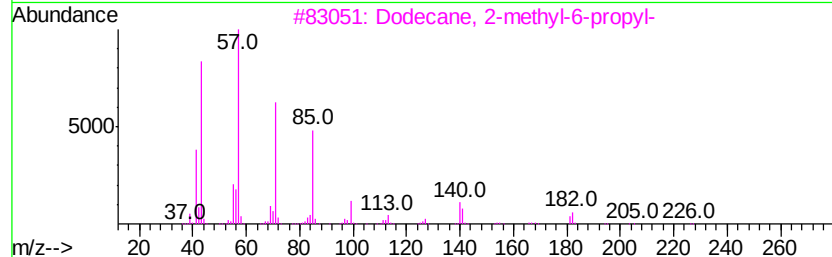
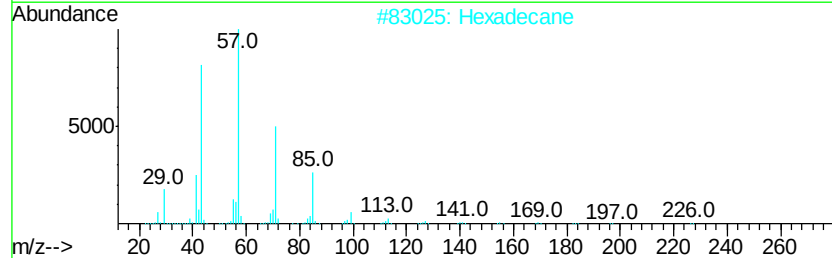
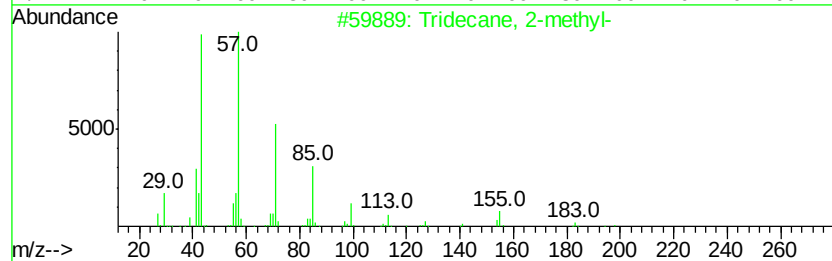
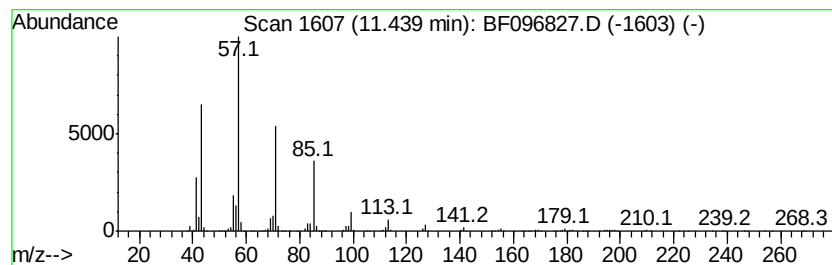
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Tridecane, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.44	162.80 ng	3889010	Phenanthrene-d10	11.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 2-methyl-	198	C14H30	001560-96-9	87
2		Hexadecane	226	C16H34	000544-76-3	86
3		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
4		2-Bromo dodecane	248	C12H25Br	013187-99-0	78
5		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	78



Data Path : Z:\HPCHEM1\BNA F\DATA\BF071717\
Data File : BF096827.D
Acq On : 17 Jul 2017 18:50
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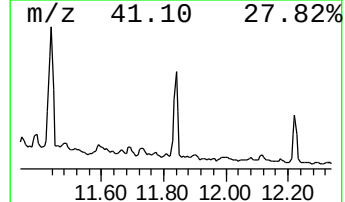
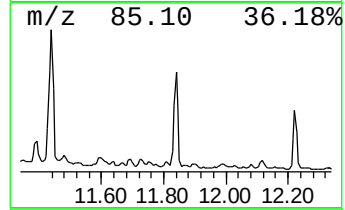
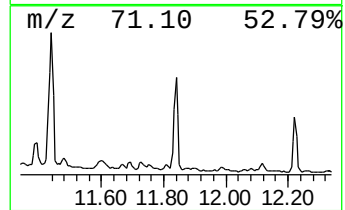
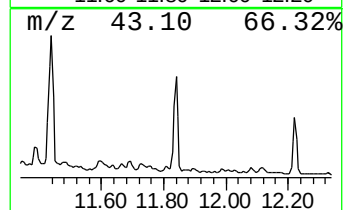
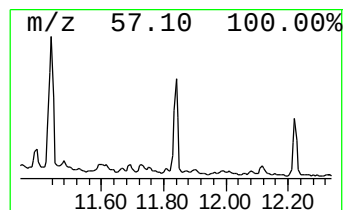
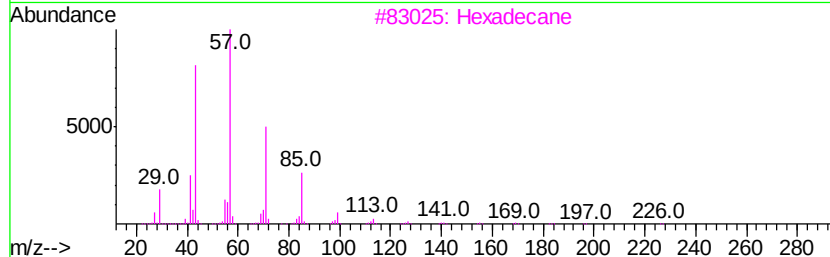
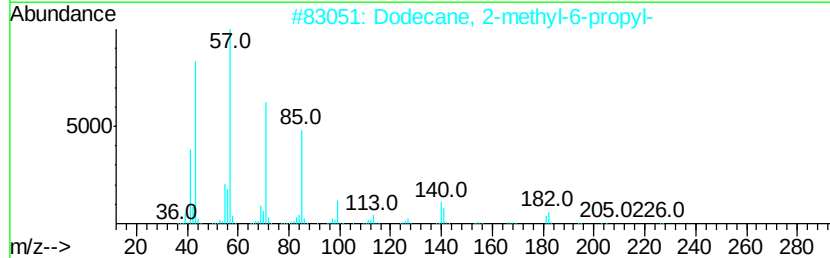
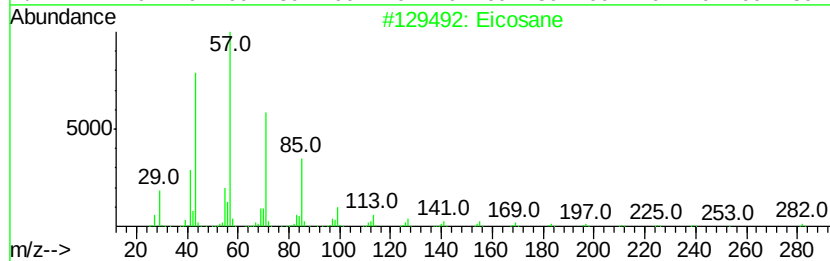
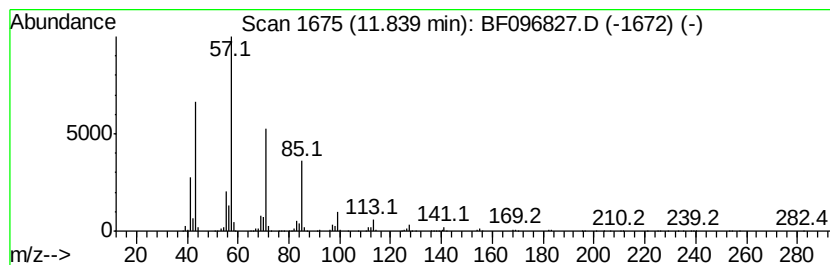
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.84	102.11 ng	2439120	Phenanthrene-d10	11.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	90
2		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
3		Hexadecane	226	C16H34	000544-76-3	86
4		Heneicosane	296	C21H44	000629-94-7	83
5		Sulfurous acid, 2-propyl tetra...	320	C17H36O3S	1000309-12-5	80



Data Path : Z:\HPCHEM1\BNA F\DATA\BF071717\
Data File : BF096827.D
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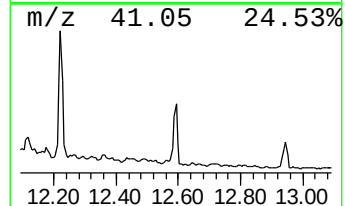
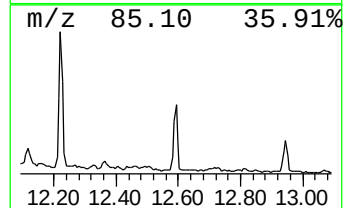
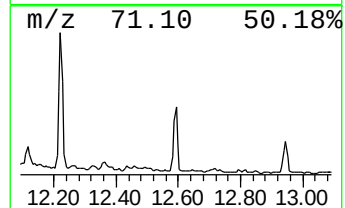
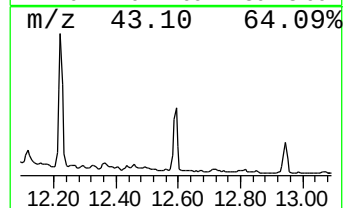
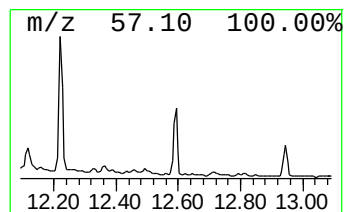
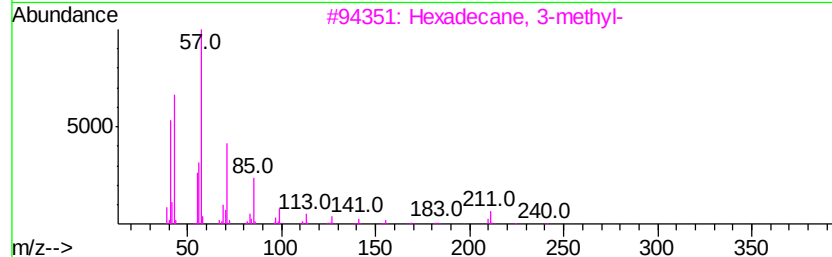
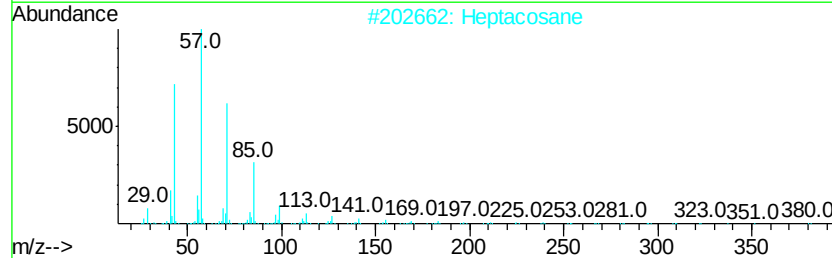
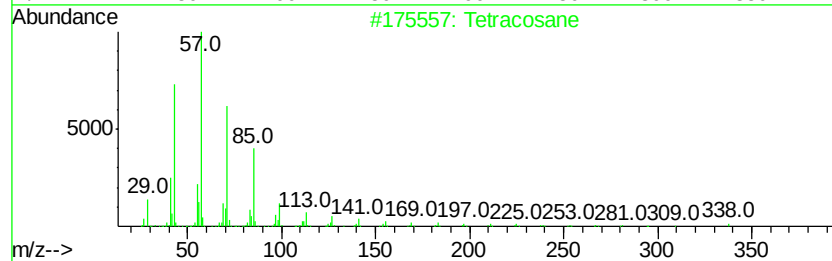
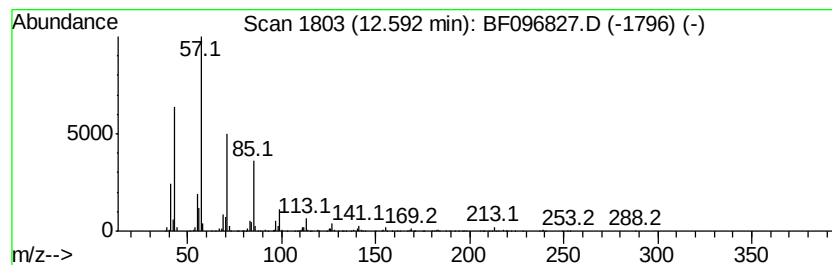
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Tetracosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	33.17 ng	831788	Chrysene-d12	13.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	91
2		Heptacosane	380	C27H56	000593-49-7	90
3		Hexadecane, 3-methyl-	240	C17H36	006418-43-5	90
4		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
5		Eicosane	282	C20H42	000112-95-8	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071717\
 Data File : BF096827.D
 Acq On : 17 Jul 2017 18:50
 Operator : SJ/JU
 Sample : I4203-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-SB02B

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
unknown6.39	6.39	64.7	ng	2756150	1	6.61	851531	20.0
Undecane	6.47	29.0	ng	1233010	1	6.61	851531	20.0
Hexadecane	7.23	60.3	ng	2565270	1	6.61	851531	20.0
Naphthalene, 1,5-...	9.24	40.7	ng	2714490	3	9.65	1333240	20.0
Naphthalene, 1,3-...	9.32	26.5	ng	1765490	3	9.65	1333240	20.0
Octadecane, 2-met...	9.93	30.3	ng	2016860	3	9.65	1333240	20.0
Undecane, 3,6-dim...	10.32	54.6	ng	3640540	3	9.65	1333240	20.0
Heptadecane	10.58	228.2	ng	5451340	4	11.12	477767	20.0
unknown10.77	10.77	32.8	ng	782900	4	11.12	477767	20.0
unknown10.79	10.79	28.7	ng	685499	4	11.12	477767	20.0
Tridecane, 3-ethyl-	10.85	26.3	ng	627604	4	11.12	477767	20.0
Bacchotricuneatin c	11.02	174.2	ng	4162300	4	11.12	477767	20.0
Dodecane, 2,7,10-...	11.05	109.0	ng	2603700	4	11.12	477767	20.0
Pentadecane	11.39	28.2	ng	673796	4	11.12	477767	20.0
Tridecane, 2-methyl-	11.44	162.8	ng	3889010	4	11.12	477767	20.0
Eicosane	11.84	102.1	ng	2439120	4	11.12	477767	20.0
Tetracosane	12.59	33.2	ng	831788	5	13.73	501575	20.0