

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111617\
 Data File : BF100639.D
 Acq On : 16 Nov 2017 19:08
 Operator : SJ/JU
 Sample : I6408-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WASTE-CHARACTERIZATION

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-BF110817.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	3.999	308	325	330	rBV	1937315	2739922	31.58%	1.432%
2	5.040	493	502	503	rBV3	289078	486932	5.61%	0.254%
3	5.063	503	506	510	rVB	498235	527355	6.08%	0.276%
4	5.116	510	515	521	rBV2	756872	1085926	12.51%	0.567%
5	5.310	542	548	551	rBV2	772931	997487	11.50%	0.521%
6	5.387	557	561	564	rBV	455787	522681	6.02%	0.273%
7	5.510	576	582	585	rVV2	3042656	4052430	46.70%	2.118%
8	5.587	592	595	598	rVV	392662	411064	4.74%	0.215%
9	5.663	605	608	613	rVV2	681813	1089283	12.55%	0.569%
10	5.710	613	616	619	rVV	1119426	987115	11.38%	0.516%
11	5.751	619	623	626	rVV	785270	904015	10.42%	0.472%
12	5.798	628	631	633	rVV	480207	483337	5.57%	0.253%
13	5.916	644	651	654	rBV4	1222944	1806402	20.82%	0.944%
14	5.957	654	658	662	rBV3	625316	1077944	12.42%	0.563%
15	6.051	669	674	678	rVB3	1552636	2216029	25.54%	1.158%
16	6.093	678	681	684	rBV3	641832	766729	8.84%	0.401%
17	6.140	684	689	696	rBV4	3217058	5730115	66.04%	2.995%
18	6.198	696	699	701	rVB	1704128	1629247	18.78%	0.851%
19	6.234	701	705	707	rBV4	470516	665728	7.67%	0.348%
20	6.257	707	709	711	rVB	498372	373652	4.31%	0.195%
21	6.281	711	713	716	rVB3	456735	443685	5.11%	0.232%
22	6.328	716	721	724	rBV2	1718649	2593436	29.89%	1.355%
23	6.387	729	731	734	rVB	1649620	1570227	18.10%	0.821%
24	6.428	734	738	744	rBV4	2423720	4135217	47.66%	2.161%
25	6.516	744	753	756	rBV3	2419328	5009632	57.73%	2.618%
26	6.540	756	757	759	rBV	496749	349925	4.03%	0.183%
27	6.563	759	761	764	rVB3	954967	881511	10.16%	0.461%
28	6.593	764	766	768	rBV	606235	477405	5.50%	0.249%
29	6.663	768	778	785	rVB6	3103861	8677368	100.00%	4.535%
30	6.722	785	788	791	rBV3	2316662	3321843	38.28%	1.736%
31	6.751	791	793	796	rVB2	1077542	917397	10.57%	0.479%
32	6.781	796	798	800	rBV3	392606	412727	4.76%	0.216%
33	6.851	800	810	813	rBV5	1261852	3604162	41.54%	1.884%
34	6.910	813	820	823	rVB2	3364015	5980770	68.92%	3.126%

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
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35	6.951	823	827	830	rBV2	1940198	2322679	26.77%	1.214%
36	7.004	830	836	839	rBV4	1106594	2257918	26.02%	1.180%
37	7.045	839	843	846	rBV4	3068130	4437706	51.14%	2.319%
38	7.075	846	848	850	rVB	1054293	856881	9.87%	0.448%
39	7.122	853	856	858	rBV2	884078	1120539	12.91%	0.586%
40	7.145	858	860	861	rBV2	422502	405383	4.67%	0.212%
41	7.169	861	864	867	rVB	2196322	2475905	28.53%	1.294%
42	7.216	867	872	874	rBV2	1334009	2294210	26.44%	1.199%
43	7.234	874	875	879	rVB3	1214291	997759	11.50%	0.521%
44	7.292	879	885	888	rBV3	2502076	4538225	52.30%	2.372%
45	7.369	894	898	899	rBV2	661079	835320	9.63%	0.437%
46	7.434	903	909	912	rBV3	3006824	5403025	62.27%	2.824%
47	7.492	917	919	922	rVB	2208191	2208365	25.45%	1.154%
48	7.540	922	927	931	rVB5	2265821	3620917	41.73%	1.892%
49	7.604	931	938	941	rBV5	1707652	4182656	48.20%	2.186%
50	7.675	947	950	952	rBV2	1200079	1420891	16.37%	0.743%
51	7.781	964	968	969	rBV3	1476008	1694327	19.53%	0.885%
52	7.804	969	972	973	rVV	1701879	1931807	22.26%	1.010%
53	7.828	973	976	979	rVB3	1568422	2055364	23.69%	1.074%
54	7.898	985	988	989	rBV4	881748	967079	11.14%	0.505%
55	7.928	989	993	999	rVV4	1983268	3756944	43.30%	1.963%
56	7.998	1003	1005	1007	rVV2	1383857	1456563	16.79%	0.761%
57	8.051	1011	1014	1018	rBV2	1165557	1638759	18.89%	0.856%
58	8.139	1023	1029	1030	rBV3	1204420	2068771	23.84%	1.081%
59	8.169	1031	1034	1039	rVV6	2393866	4422547	50.97%	2.311%
60	8.251	1042	1048	1050	rVV2	2637814	4528447	52.19%	2.367%
61	8.275	1050	1052	1054	rVV3	894941	746114	8.60%	0.390%
62	8.339	1060	1063	1065	rBV3	835850	1008951	11.63%	0.527%
63	8.381	1068	1070	1074	rVB2	1301076	1784850	20.57%	0.933%
64	8.528	1093	1095	1098	rBV4	787114	793764	9.15%	0.415%
65	8.563	1098	1101	1104	rVB3	1102491	1286101	14.82%	0.672%
66	8.616	1104	1110	1111	rBV	2931669	4219677	48.63%	2.205%
67	8.692	1120	1123	1126	rBV2	1538453	1558536	17.96%	0.814%
68	8.775	1135	1137	1141	rVB3	1516698	1442963	16.63%	0.754%
69	8.898	1156	1158	1160	rVB2	766321	545328	6.28%	0.285%
70	8.934	1162	1164	1166	rVB3	1017921	760886	8.77%	0.398%
71	8.963	1166	1169	1172	rBV6	1024157	1533927	17.68%	0.802%

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72	9.181	1204	1206	1207	rBV2	727406	602571	6.94%	0.315%
73	9.210	1207	1211	1216	rVB2	2812647	3811080	43.92%	1.992%
74	9.257	1216	1219	1221	rVB	1759402	1640462	18.91%	0.857%
75	9.298	1224	1226	1228	rBV2	525402	340520	3.92%	0.178%
76	9.345	1229	1234	1238	rBV3	2451236	3843362	44.29%	2.009%
77	9.528	1261	1265	1269	rBV4	866809	1157486	13.34%	0.605%
78	9.592	1274	1276	1279	rVV3	1137309	1632496	18.81%	0.853%
79	9.663	1283	1288	1290	rVV3	3209646	5024948	57.91%	2.626%
80	9.710	1294	1296	1299	rVV4	970515	1051592	12.12%	0.550%
81	9.757	1302	1304	1306	rVB	1149310	878329	10.12%	0.459%
82	9.804	1309	1312	1314	rBV3	1024622	1099719	12.67%	0.575%
83	9.857	1318	1321	1325	rVB3	1741483	1941386	22.37%	1.015%
84	9.969	1338	1340	1342	rBV3	477959	375821	4.33%	0.196%
85	10.033	1348	1351	1356	rVB3	697345	897270	10.34%	0.469%
86	10.092	1356	1361	1362	rBV4	646737	1051177	12.11%	0.549%
87	10.116	1362	1365	1367	rVV	691349	576507	6.64%	0.301%
88	10.175	1372	1375	1380	rBV3	1263363	1466119	16.90%	0.766%
89	10.245	1385	1387	1390	rBV	738930	857407	9.88%	0.448%
90	10.351	1399	1405	1407	rBV4	852766	1362795	15.71%	0.712%
91	10.380	1407	1410	1412	rBV3	495935	501300	5.78%	0.262%
92	10.569	1437	1442	1448	rVB	2190804	2821840	32.52%	1.475%
93	10.716	1464	1467	1471	rVB	1393694	1396749	16.10%	0.730%
94	10.833	1482	1487	1494	rVB	2855199	3400816	39.19%	1.777%
95	11.292	1562	1565	1571	rVB	868200	934553	10.77%	0.488%
96	11.410	1581	1585	1587	rBV	1270777	1125988	12.98%	0.588%
97	12.992	1849	1854	1857	rVB	2995898	2971436	34.24%	1.553%
98	13.868	2000	2003	2015	rBV	513886	505360	5.82%	0.264%
99	14.039	2028	2032	2035	rBV	897172	794255	9.15%	0.415%
100	15.515	2278	2283	2290	rBV	610009	780906	9.00%	0.408%

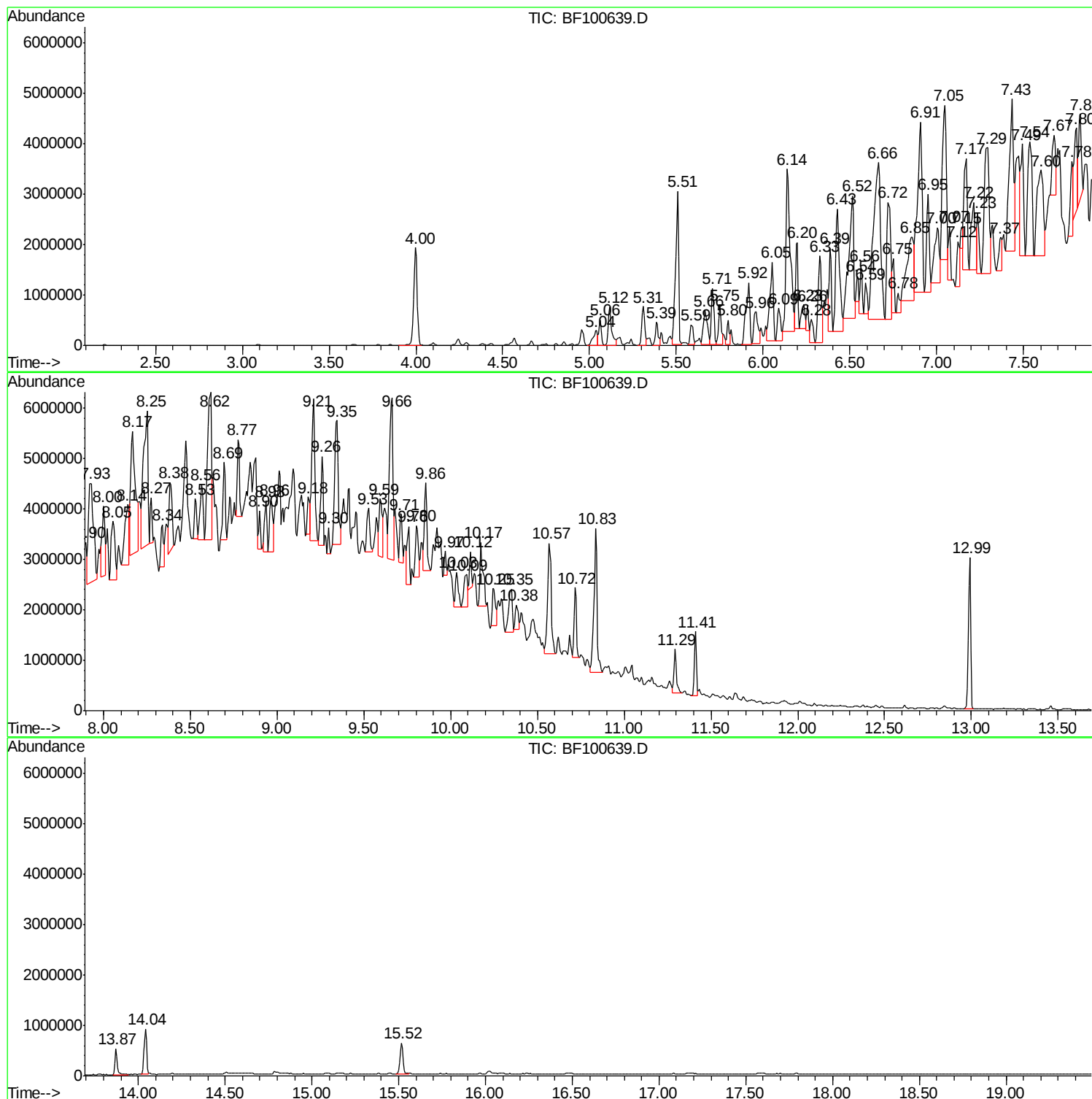
Sum of corrected areas: 191353032

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.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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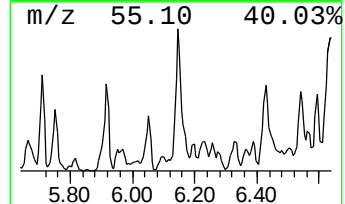
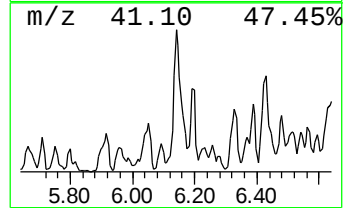
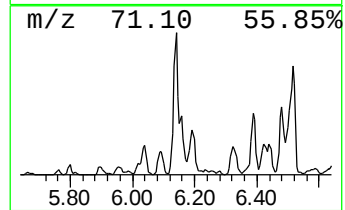
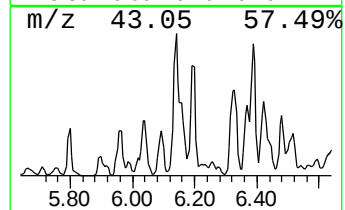
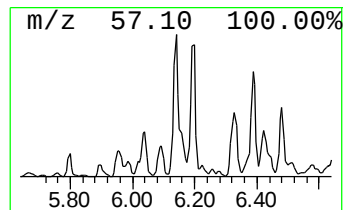
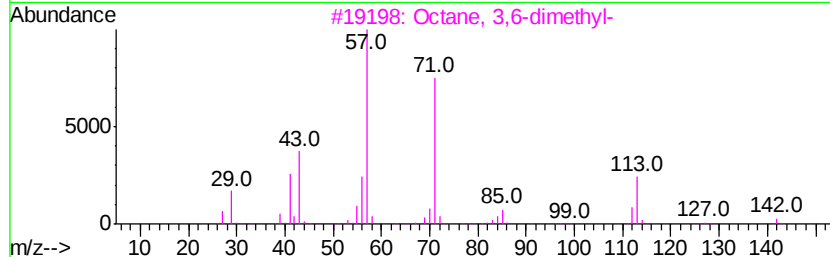
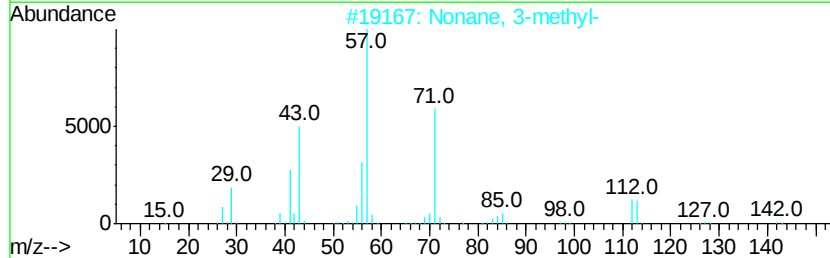
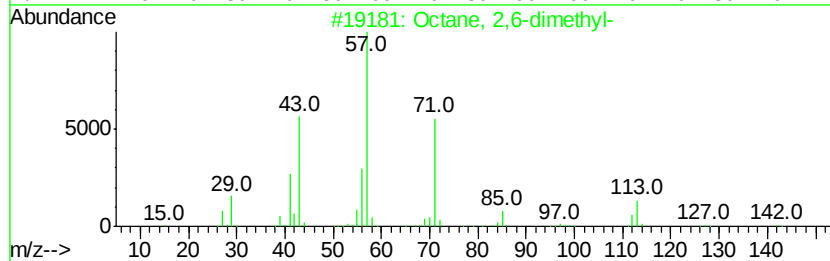
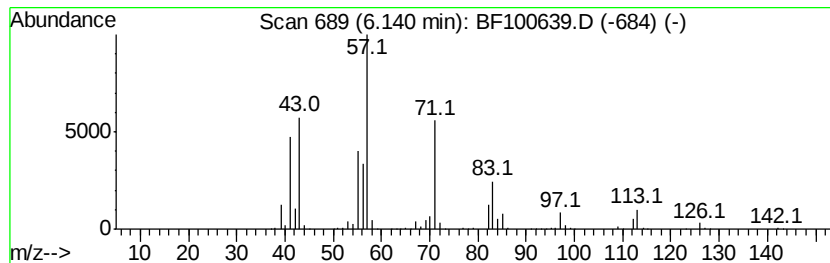
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Octane, 2,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.14	19.16 ng	5730120	1,4-Dichlorobenzene-d4	6.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	70
2		Nonane, 3-methyl-	142	C10H22	005911-04-6	70
3		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	53
4		Sulfurous acid, butyl 2-ethylhex...	250	C12H26O3S	1000309-18-8	50
5		Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	49



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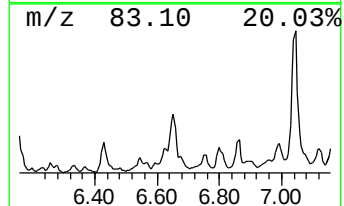
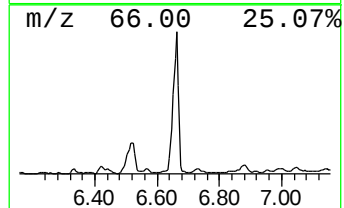
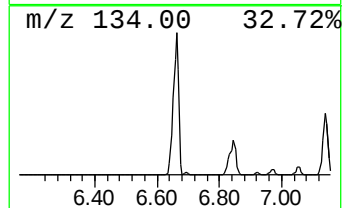
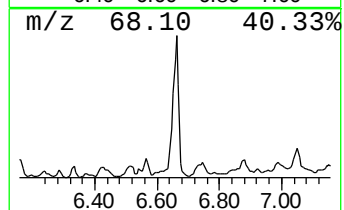
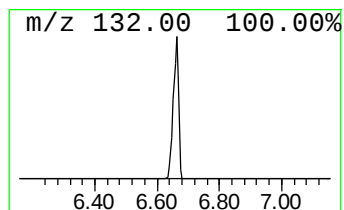
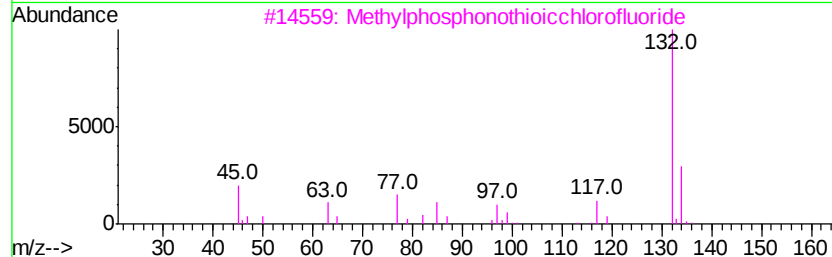
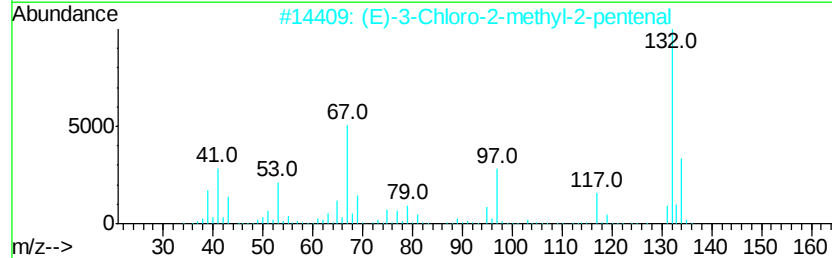
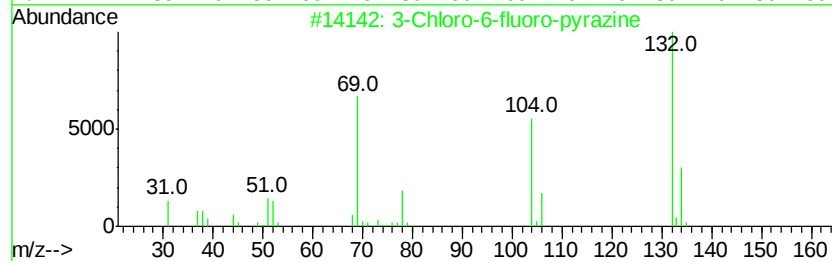
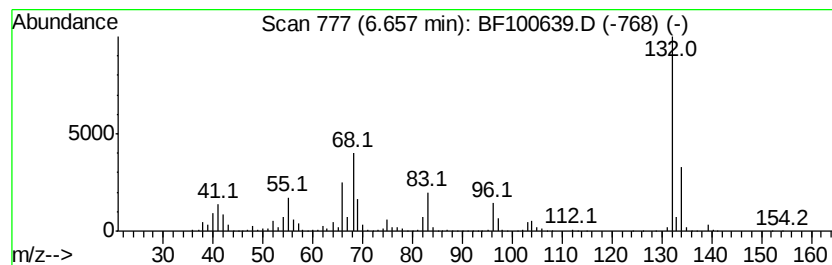
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.66 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	29.02 ng	8677370	1,4-Dichlorobenzene-d4	6.89

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	25
3		Methylphosphonothioicchlorofluoride	132	CH3ClFPS	027127-27-1	16
4		5-Aminoindole	132	C8H8N2	005192-03-0	12
5		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10



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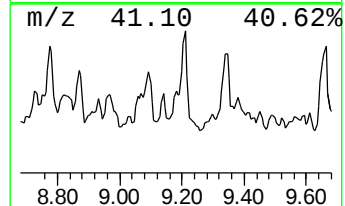
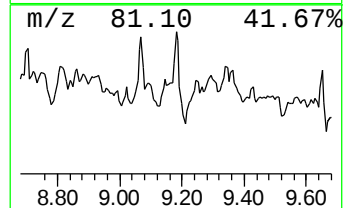
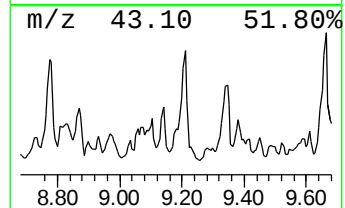
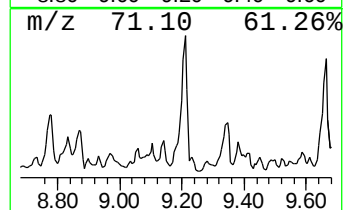
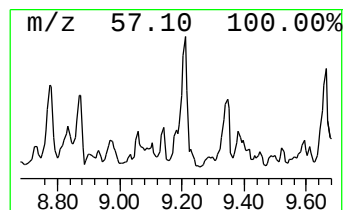
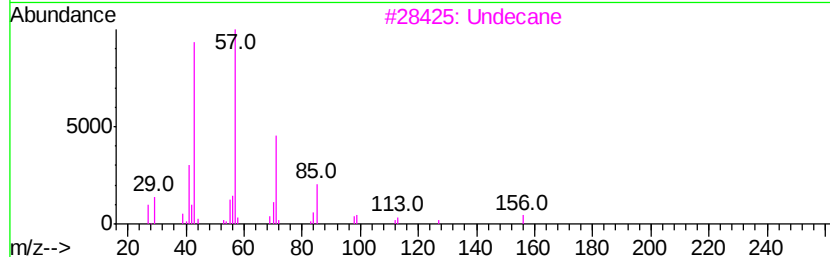
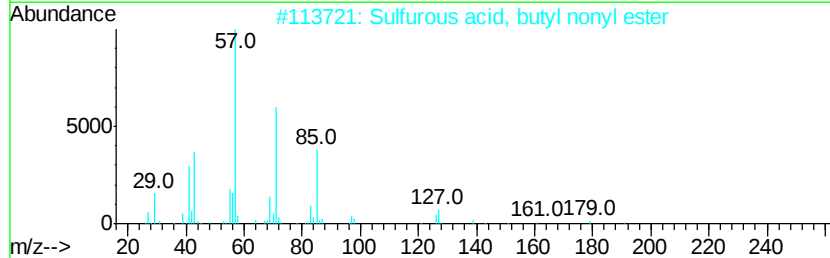
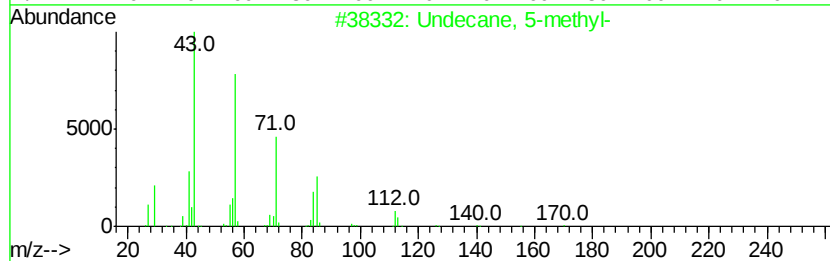
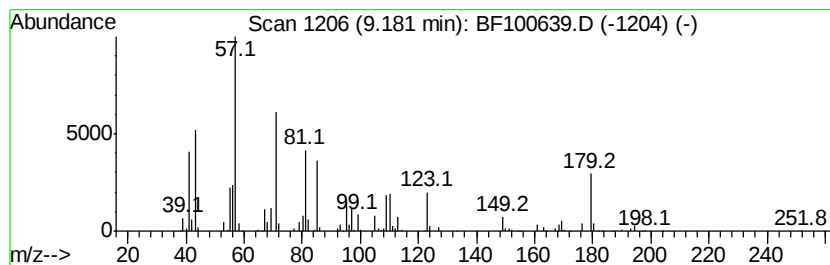
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TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown9.18 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.18	32.07 ng	602571	Acenaphthene-d10	9.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 5-methyl-	170	C12H26	001632-70-8	46
2		Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	43
3		Undecane	156	C11H24	001120-21-4	38
4		Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	38
5		Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111617\
Data File : BF100639.D
Acq On : 16 Nov 2017 19:08
Operator : SJ/JU
Sample : I6408-03
Misc :
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ClientSampleId :
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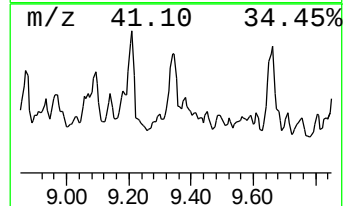
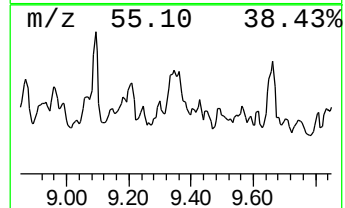
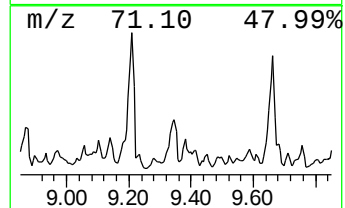
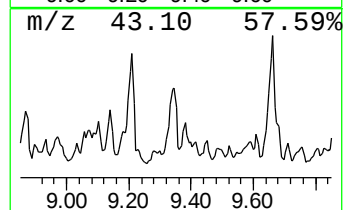
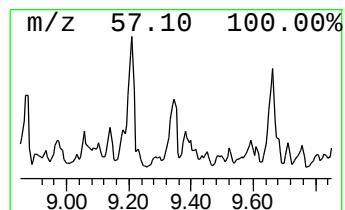
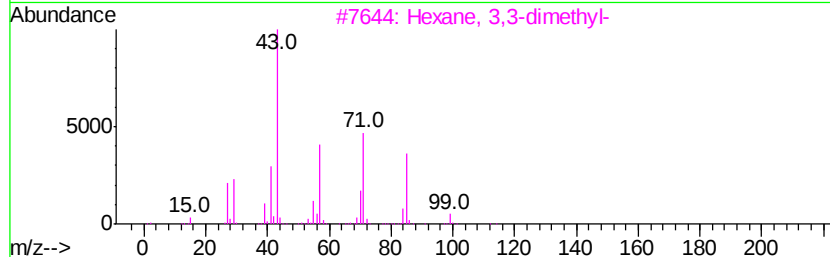
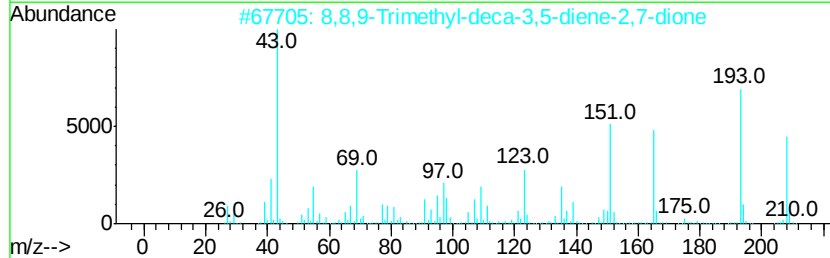
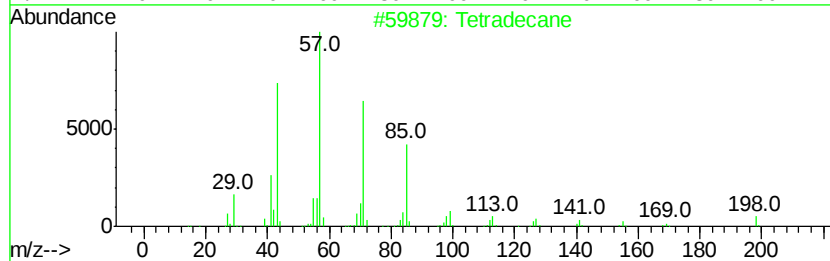
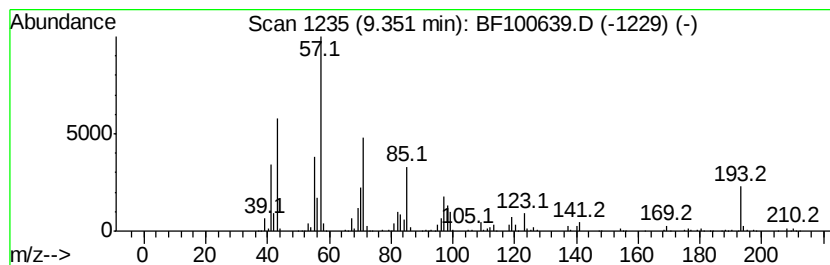
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 unknown9.35 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.35	204.53 ng	3843360	Acenaphthene-d10	9.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	38
2		8,8,9-Trimethyl-deca-3,5-diene-2...	208	C13H20O2	1000194-25-9	35
3		Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	27
4		Hexadecane	226	C16H34	000544-76-3	27
5		Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	22



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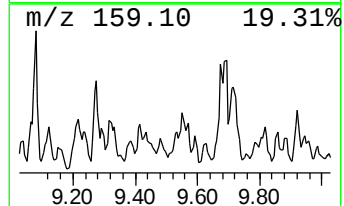
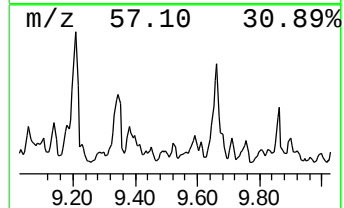
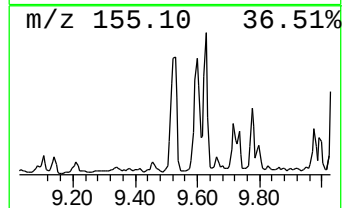
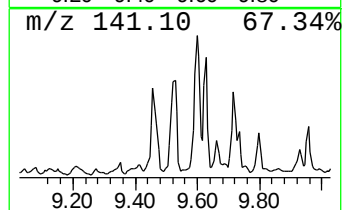
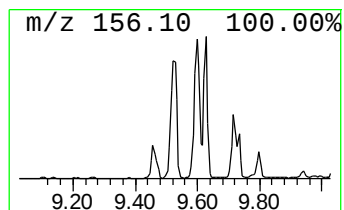
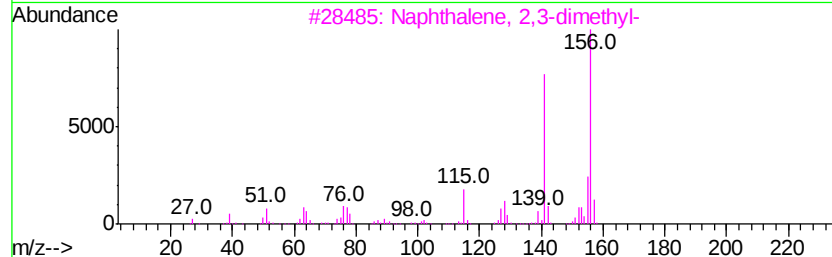
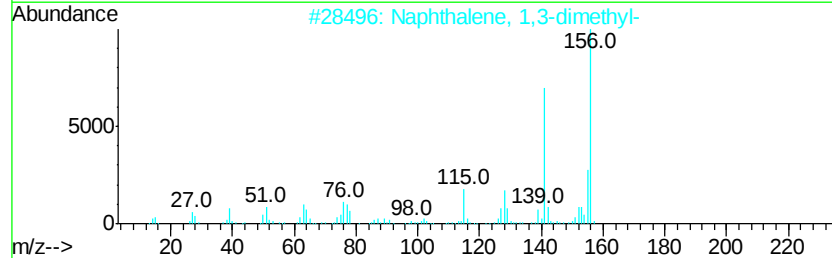
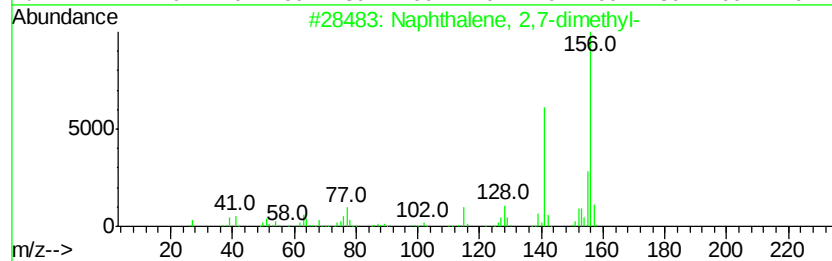
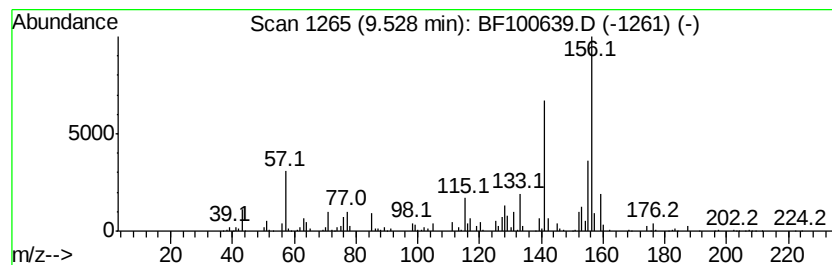
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, 2,7-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.53	61.60 ng	1157490	Acenaphthene-d10	9.94

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
2		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	94
3		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	93
4		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	93
5		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111617\
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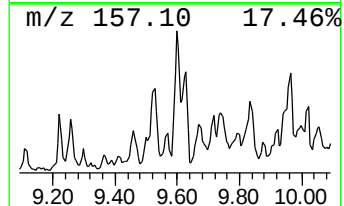
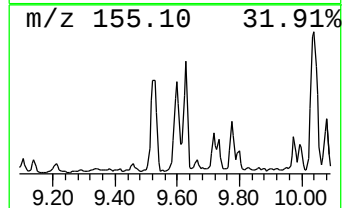
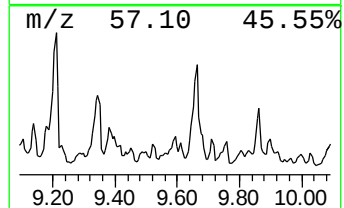
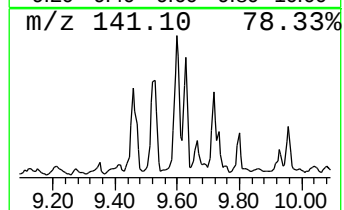
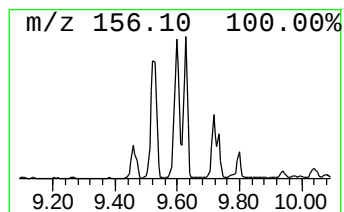
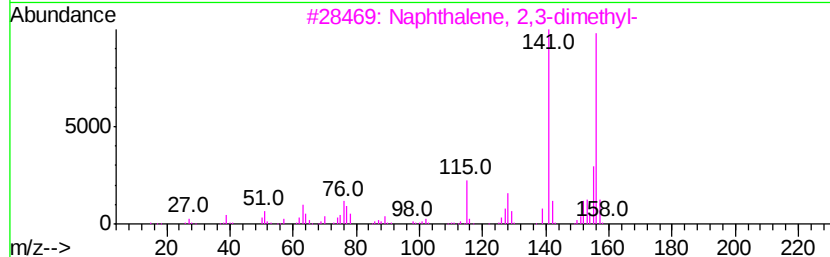
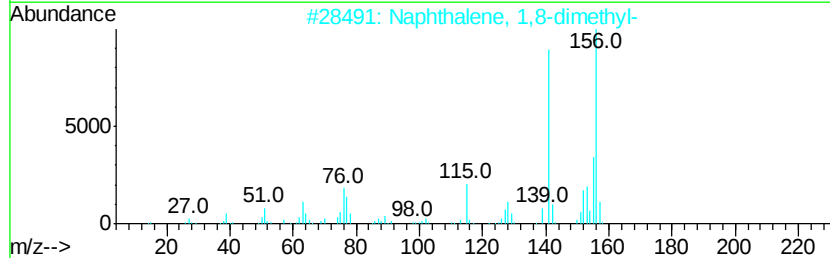
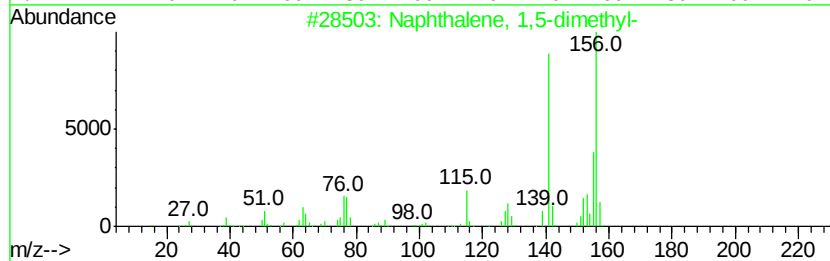
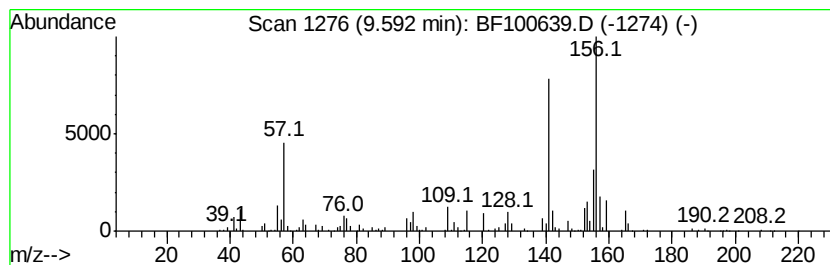
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 1,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.59	86.88 ng	1632500	Acenaphthene-d10	9.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95
2		Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	94
3		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94
4		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	94
5		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	94



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Data File : BF100639.D
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ClientSampleId :
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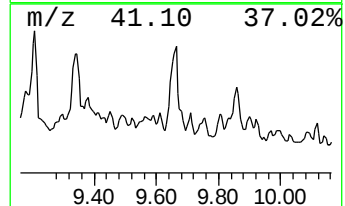
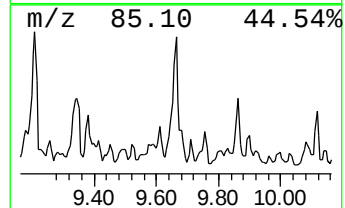
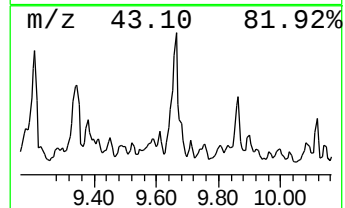
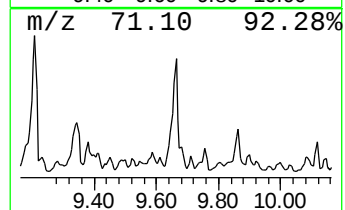
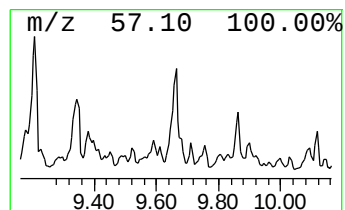
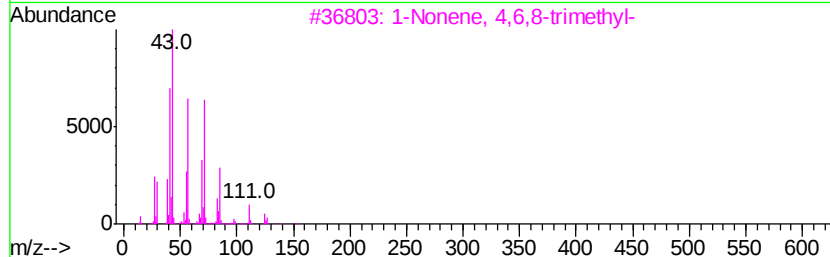
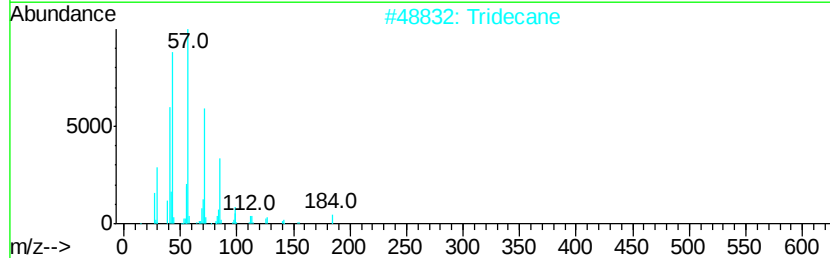
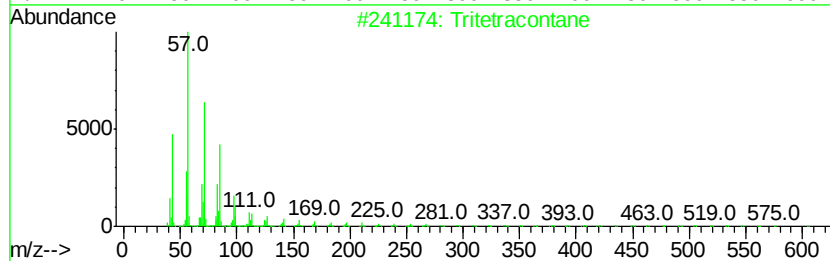
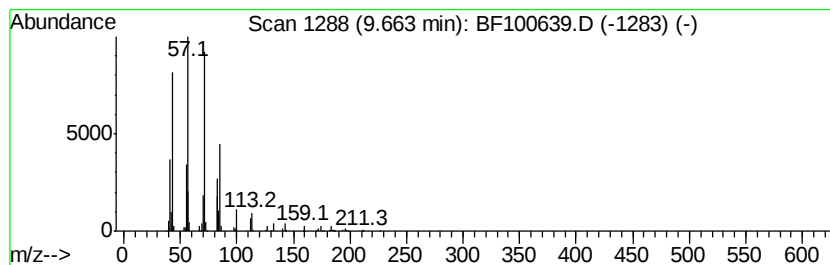
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tritetracontane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.66	267.41 ng	5024950	Acenaphthene-d10	9.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tritetracontane	605	C43H88	007098-21-7	90
2		Tridecane	184	C13H28	000629-50-5	87
3		1-Nonene, 4,6,8-trimethyl-	168	C12H24	054410-98-9	59
4		Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	59
5		Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111617\
Data File : BF100639.D
Acq On : 16 Nov 2017 19:08
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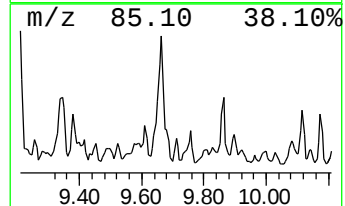
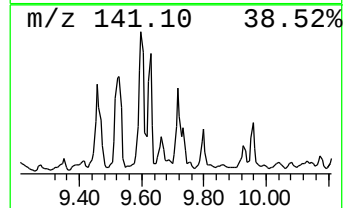
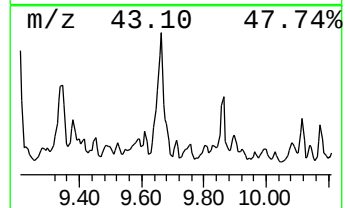
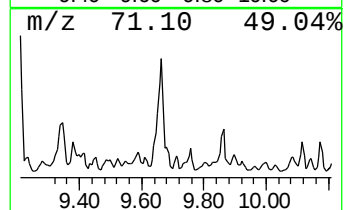
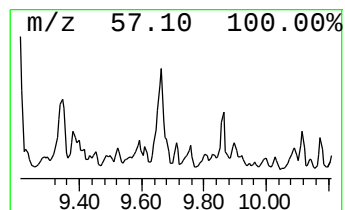
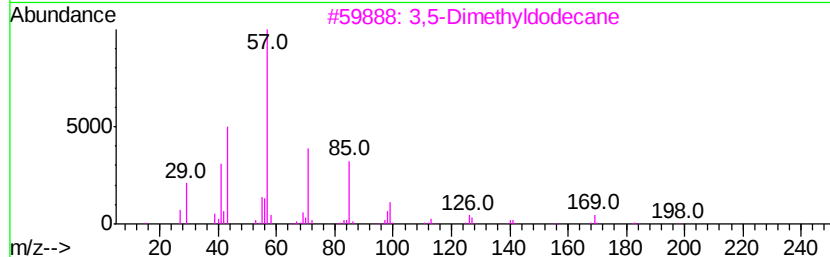
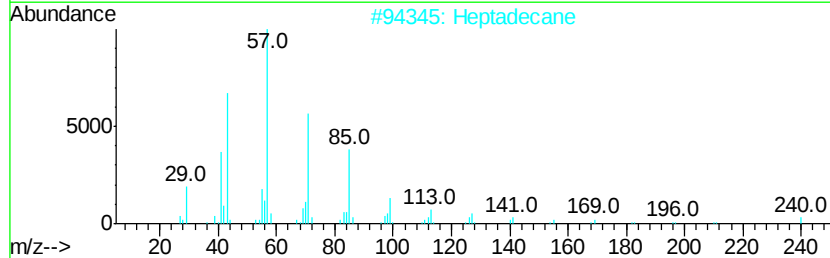
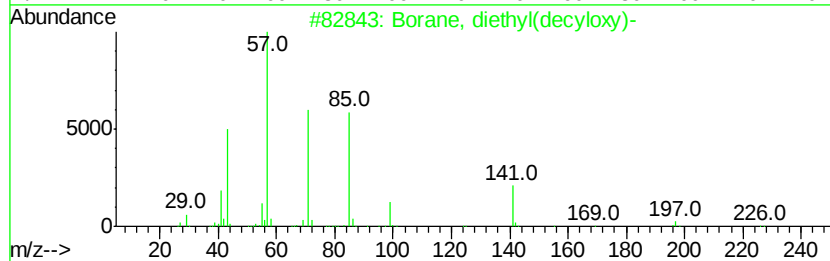
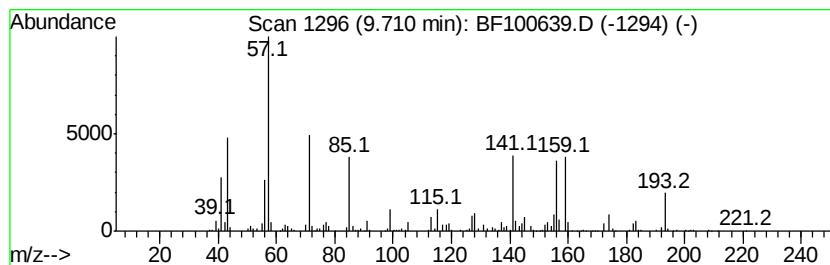
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Borane, diethyl(decyloxy)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.71	55.96 ng	1051590	Acenaphthene-d10	9.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Borane, diethyl(decvloxy)-	226	C14H31BO	1000152-34-3	50
2		Heptadecane	240	C17H36	000629-78-7	38
3		3,5-Dimethyldodecane	198	C14H30	107770-99-0	38
4		Tridecane, 7-cyclohexyl-	266	C19H38	013151-92-3	35
5		Hexadecane	226	C16H34	000544-76-3	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111617\
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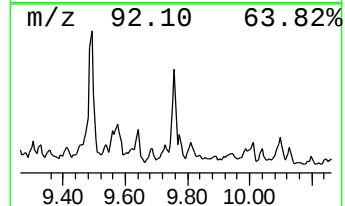
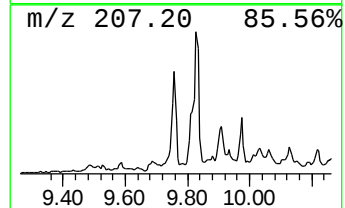
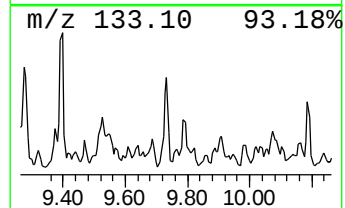
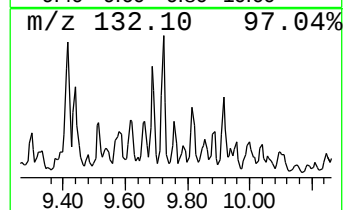
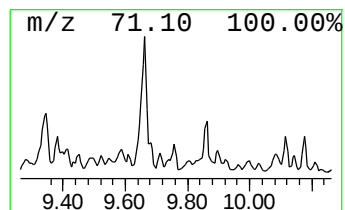
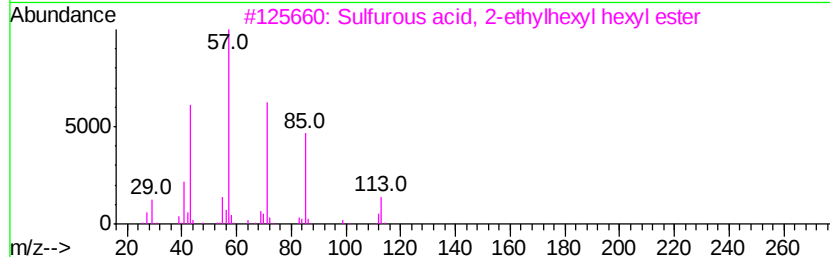
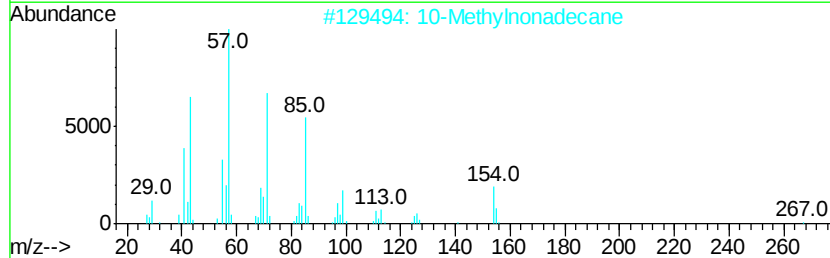
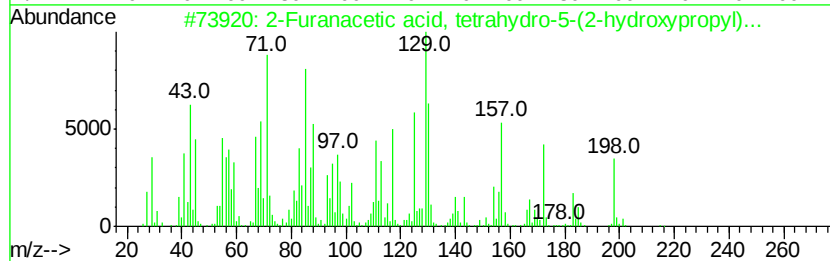
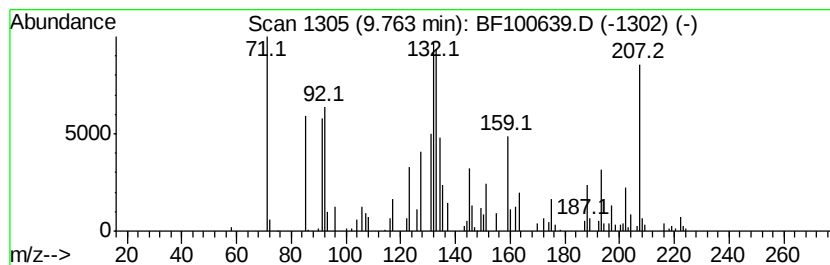
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown9.76 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.76	46.74 ng	878329	Acenaphthene-d10	9.94
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2-Furanacetic acid, tetrahdvo-5...	216 C11H2004	054594-22-8	38
2	10-Methylnonadecane	282 C20H42	056862-62-5	22
3	Sulfurous acid, 2-ethylhexyl hex...	278 C14H3003S	1000309-20-2	22
4	Sulfurous acid, butyl nonyl ester	264 C13H2803S	1000309-17-6	22
5	Hexadecane, 7,9-dimethyl-	254 C18H38	021164-95-4	22



Data Path : Z:\HPCHEM1\BNA F\DATA\BF111617\
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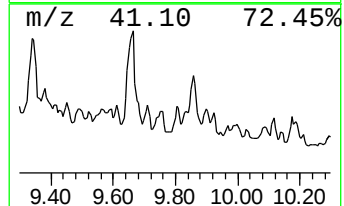
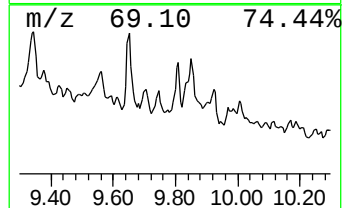
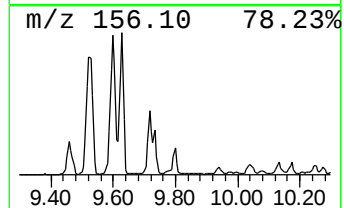
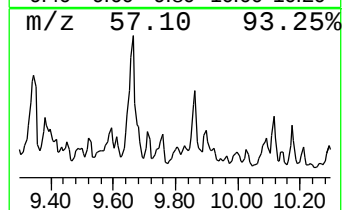
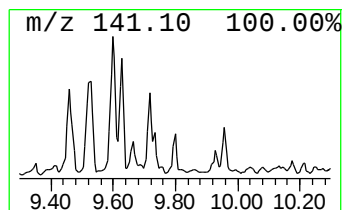
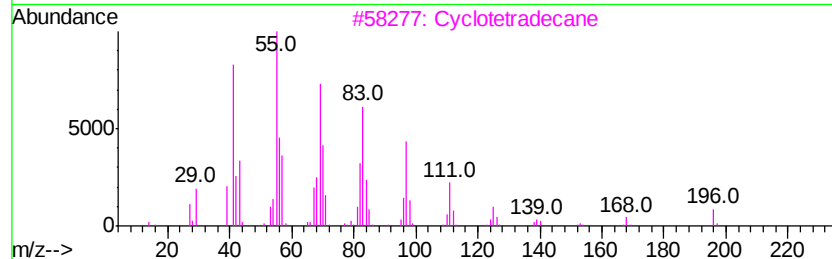
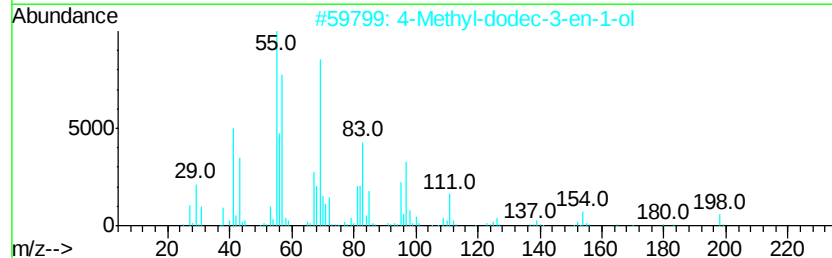
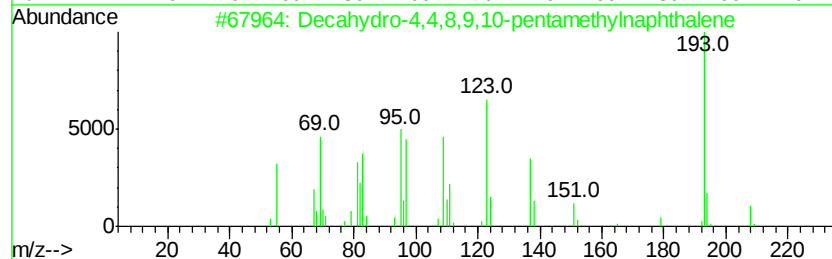
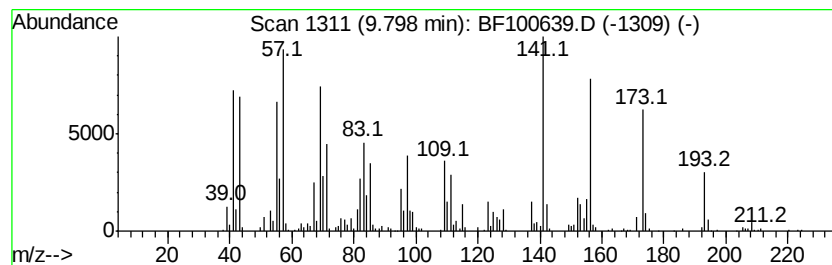
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Decahydro-4,4,8,9,10-pentam... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.80	58.52 ng	1099720	Acenaphthene-d10	9.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	89
2		4-Methyl-dodec-3-en-1-ol	198	C13H26O	1000192-41-0	70
3		Cyclotetradecane	196	C14H28	000295-17-0	38
4		2-Heptafluorobutylpentadecane	424	C19H31F7O2	1000245-50-0	38
5		Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111617\
Data File : BF100639.D
Acq On : 16 Nov 2017 19:08
Operator : SJ/JU
Sample : I6408-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WASTE-CHARACTERIZATION

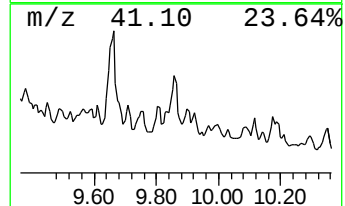
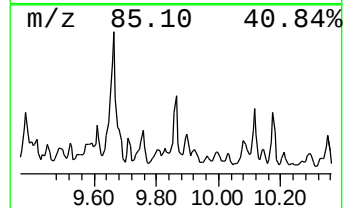
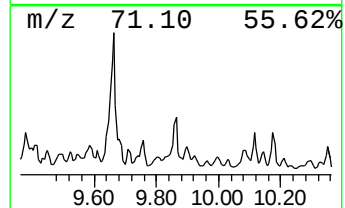
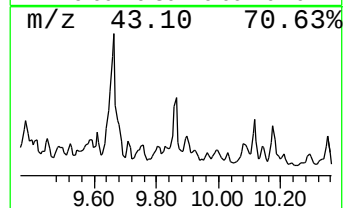
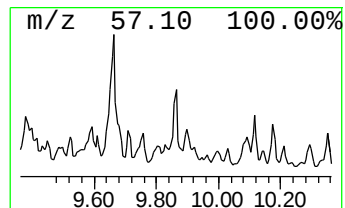
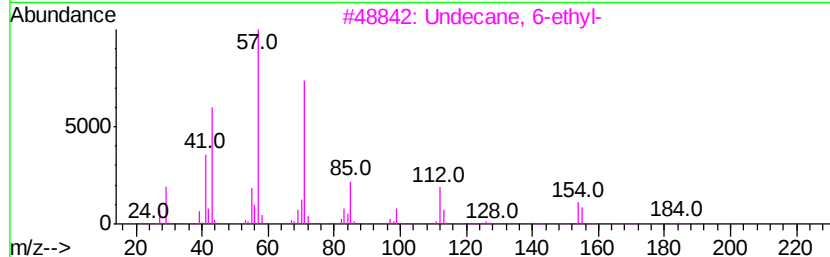
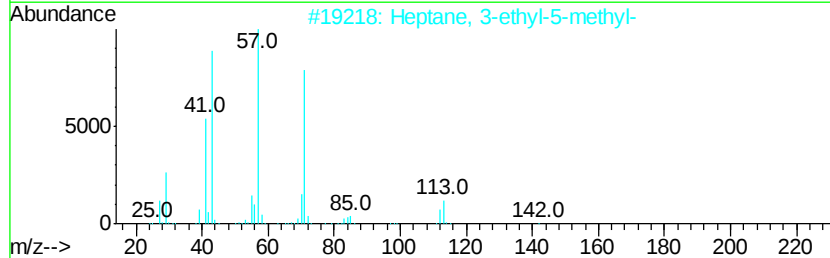
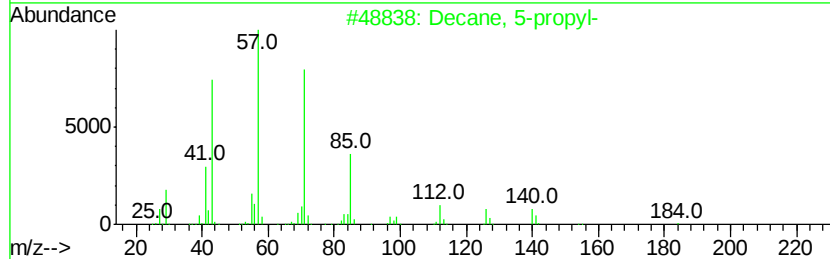
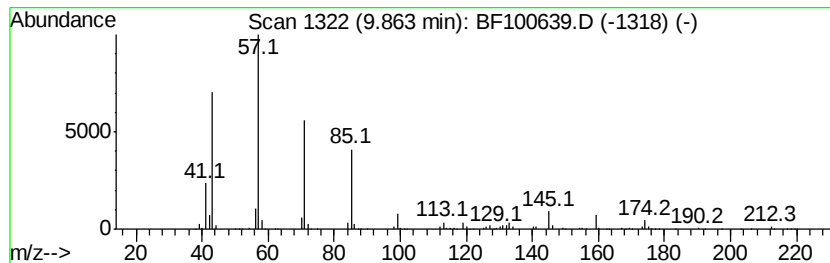
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown9.86 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.86	103.31 ng	1941390	Acenaphthene-d10	9.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 5-propyl-	184	C13H28	017312-62-8	43
2		Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	38
3		Undecane, 6-ethyl-	184	C13H28	017312-60-6	38
4		Dodecane, 4-methyl-	184	C13H28	006117-97-1	38
5		Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111617\
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Instrument :
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ClientSampleId :
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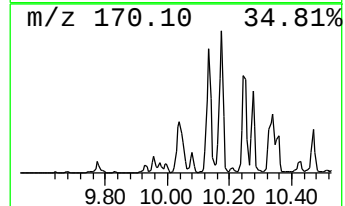
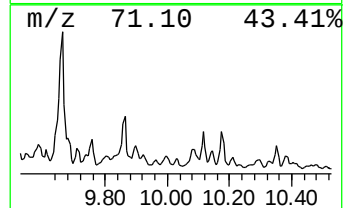
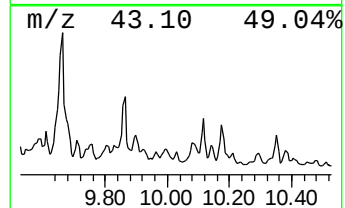
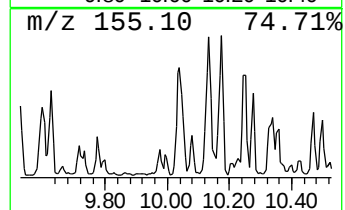
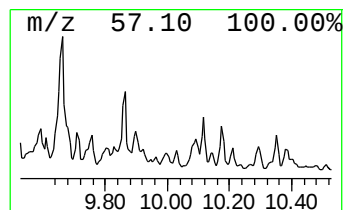
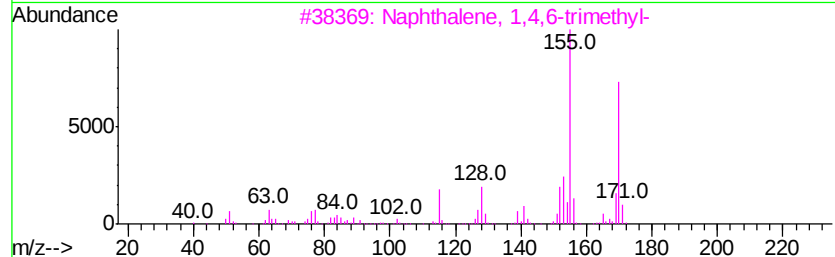
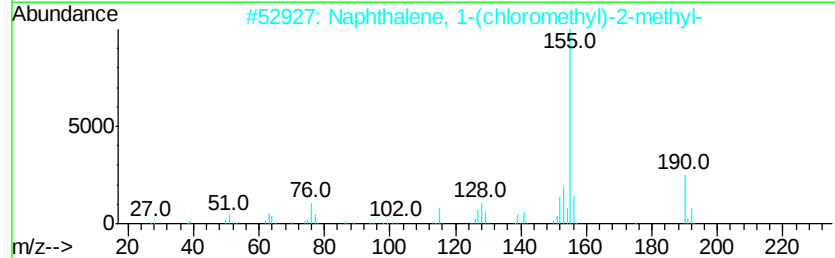
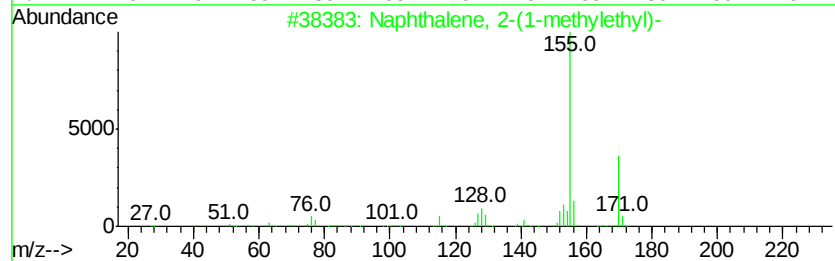
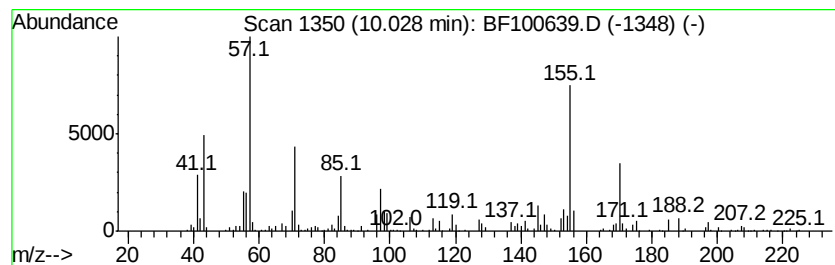
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 2-(1-methyleth... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.03	47.75 ng	897270	Acenaphthene-d10	9.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	89
2		Naphthalene, 1-(chloromethyl)-2-...	190	C12H11Cl	006626-23-9	55
3		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	55
4		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	50
5		1-Chloromethyl-4-methylnaphthalene	190	C12H11Cl	005261-50-7	49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111617\
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Sample : I6408-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

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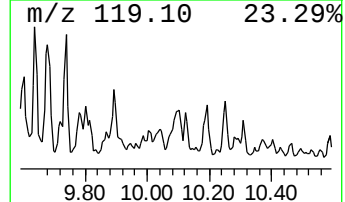
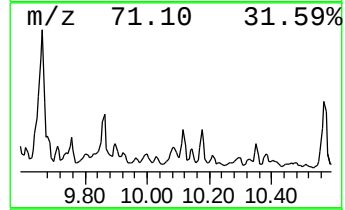
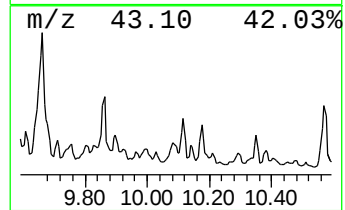
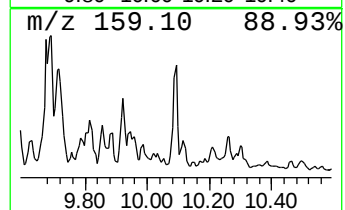
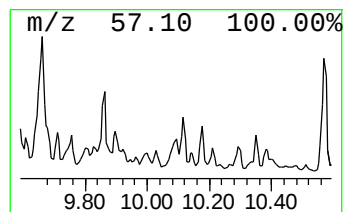
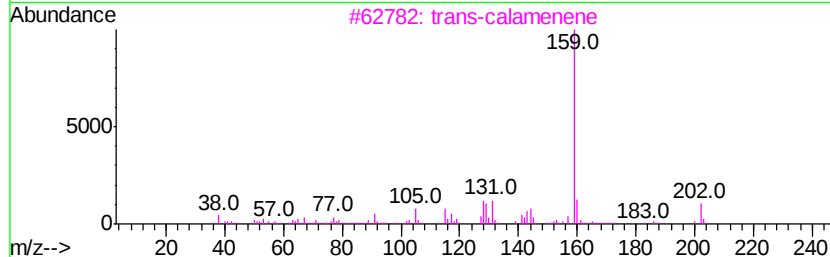
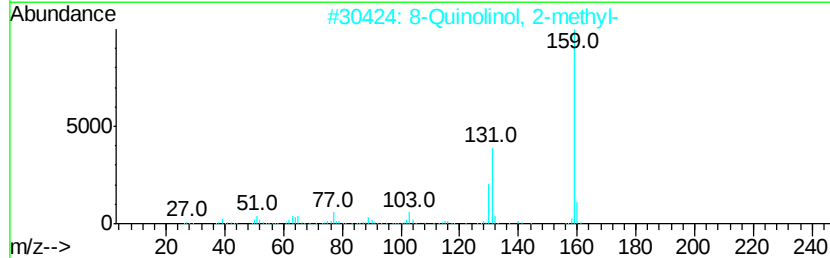
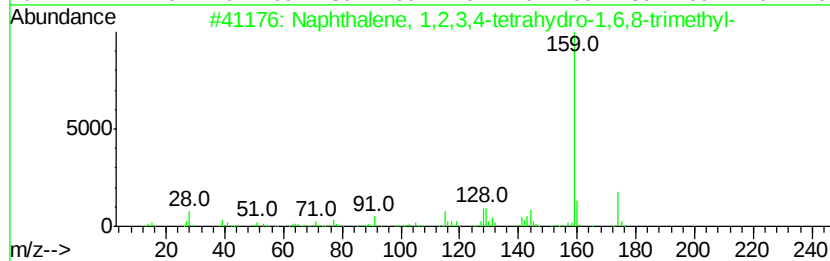
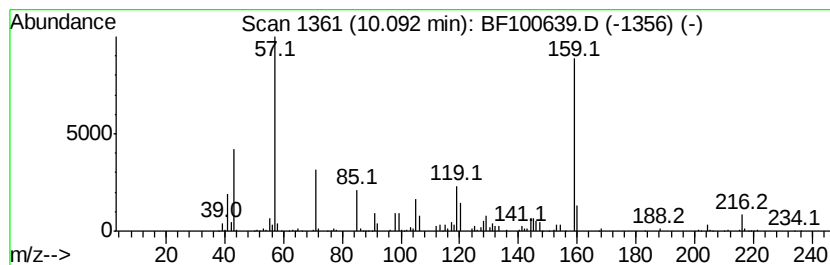
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown10.09 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.09	55.94 ng	1051180	Acenaphthene-d10	9.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	030316-36-0	35
2		8-Quinolinol, 2-methyl-	159	C10H9NO	000826-81-3	35
3		trans-calamenene	202	C15H22	1000374-17-3	35
4		2,3,4-Trifluorobenzoic acid, und...	328	C18H23F3O2	1000280-45-0	35
5		Naphthalene, 1,2,3,4-tetrahydro-...	202	C15H22	000483-77-2	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111617\
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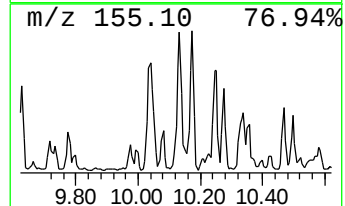
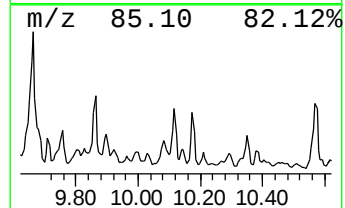
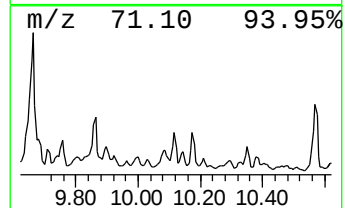
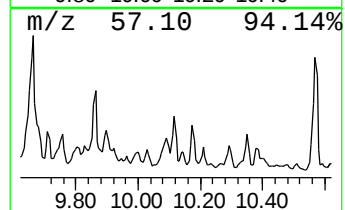
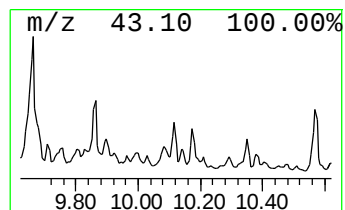
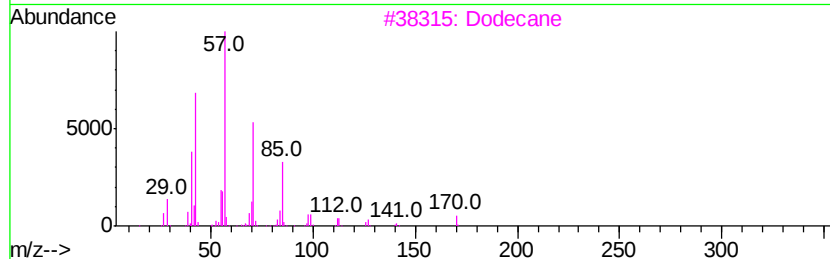
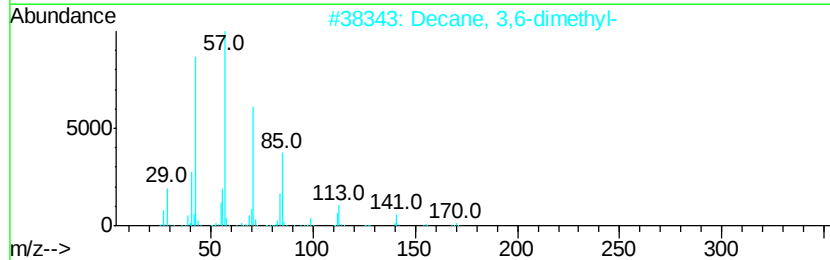
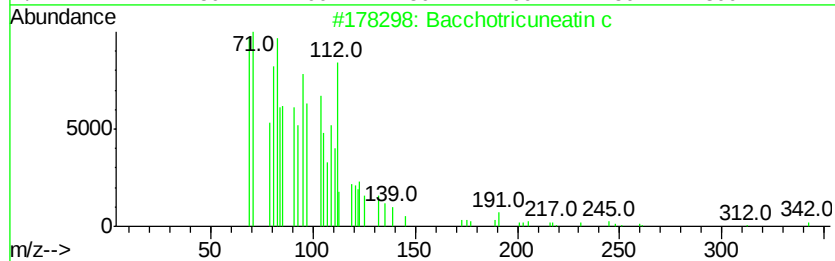
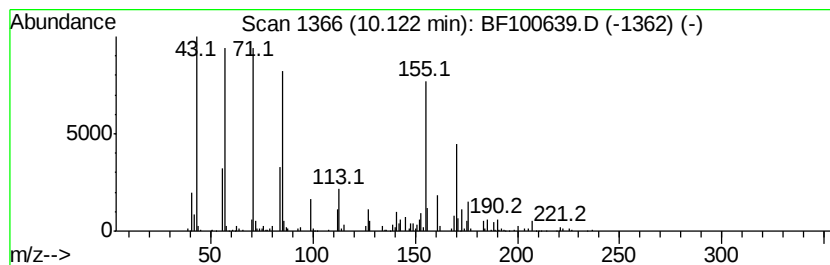
Instrument :
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ClientSampleId :
WASTE-CHARACTERIZATION

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
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 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.12	30.68 ng	576507	Acenaphthene-d10	9.94
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Bacchotricuneatin c	342 C20H22O5	066563-30-2 94
2		Decane, 3,6-dimethyl-	170 C12H26	017312-53-7 74
3		Dodecane	170 C12H26	000112-40-3 74
4		Hexadecane	226 C16H34	000544-76-3 72
5		Tridecane, 1-iodo-	310 C13H27I	035599-77-0 64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111617\
Data File : BF100639.D
Acq On : 16 Nov 2017 19:08
Operator : SJ/JU
Sample : I6408-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

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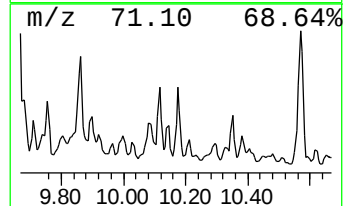
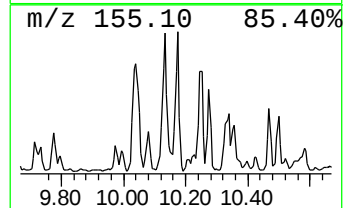
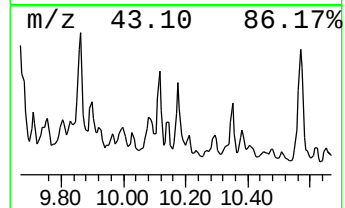
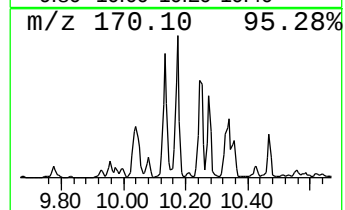
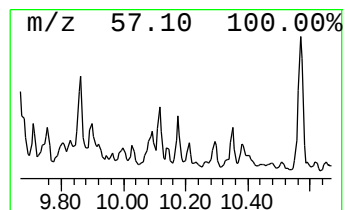
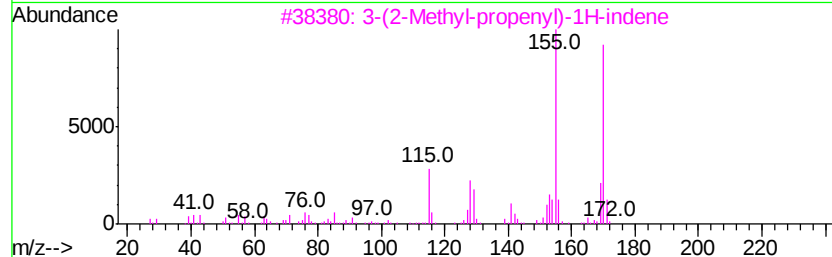
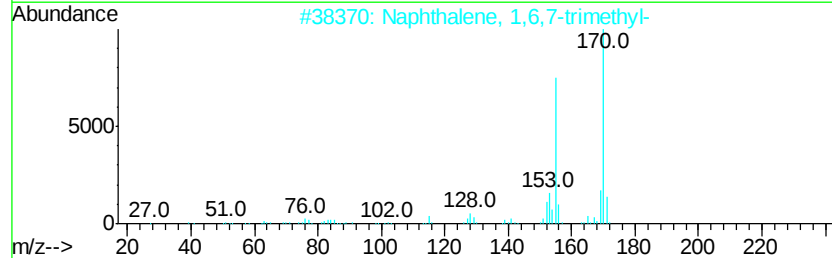
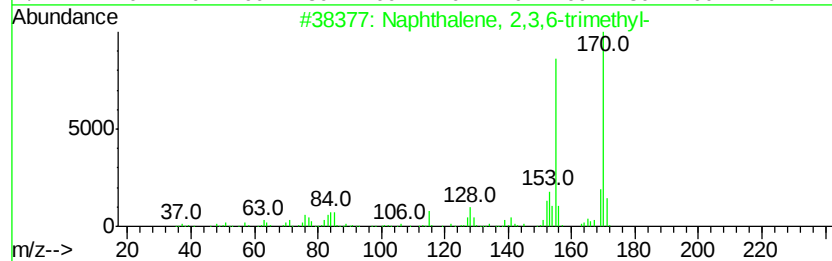
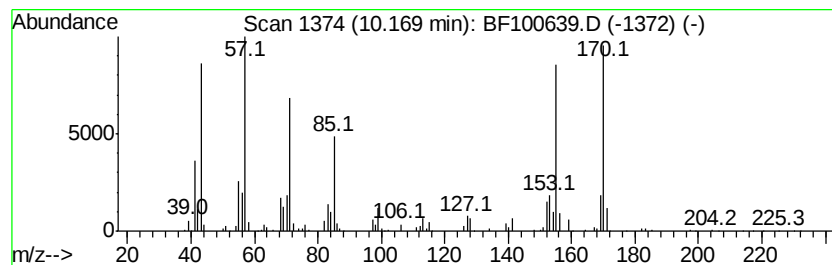
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Naphthalene, 2,3,6-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.17	78.02 ng	1466120	Acenaphthene-d10	9.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	83
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	80
3		3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	55
4		Tetradecane	198	C14H30	000629-59-4	43
5		Pentadecane	212	C15H32	000629-62-9	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111617\
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Misc :
ALS Vial : 23 Sample Multiplier: 1

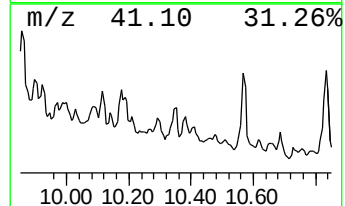
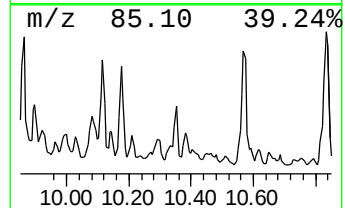
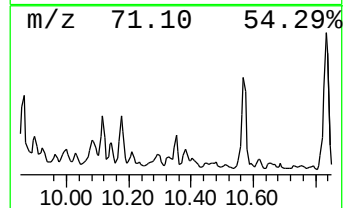
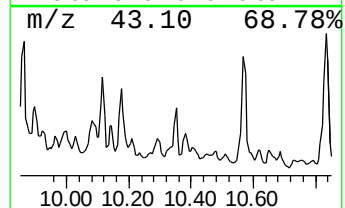
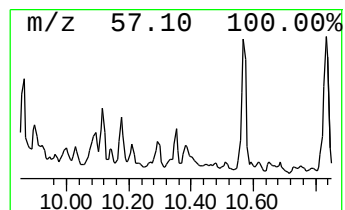
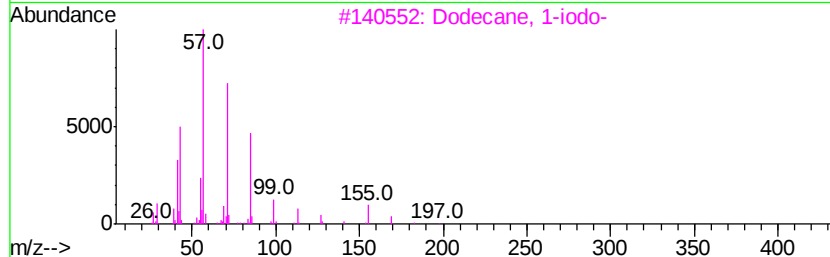
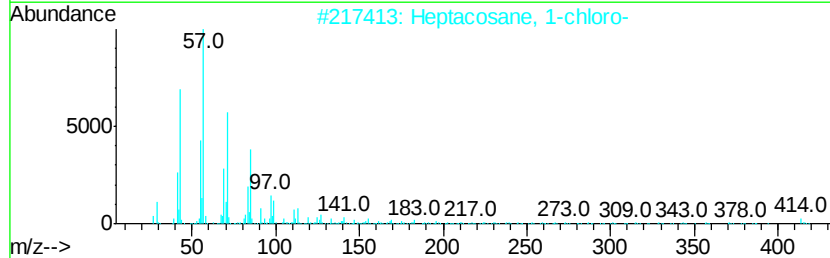
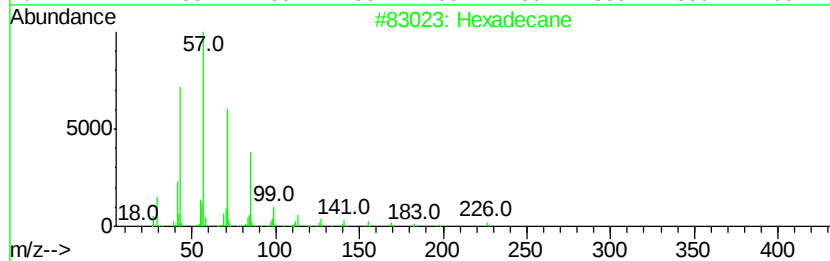
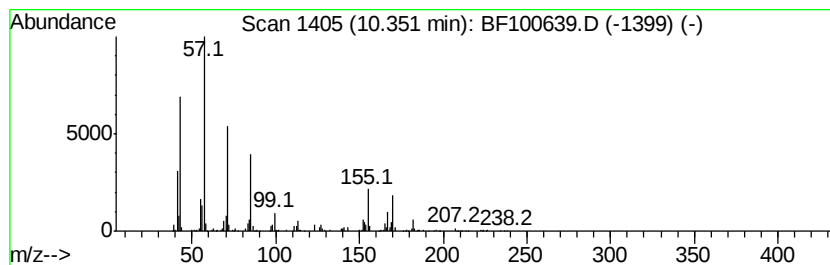
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ClientSampleId :
WASTE-CHARACTERIZATION

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.35	72.52 ng	1362800	Acenaphthene-d10	9.94
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane		226 C16H34	000544-76-3 58
2	Heptacosane, 1-chloro-		414 C27H55Cl	062016-79-9 52
3	Dodecane, 1-iodo-		296 C12H25I	004292-19-7 52
4	3,5-Dimethyldodecane		198 C14H30	107770-99-0 49
5	Sulfurous acid, 2-ethylhexyl hex...		278 C14H30O3S	1000309-20-2 49



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Sample : I6408-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

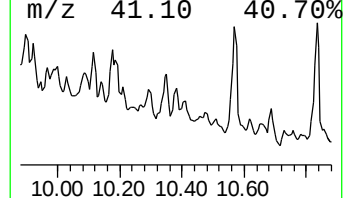
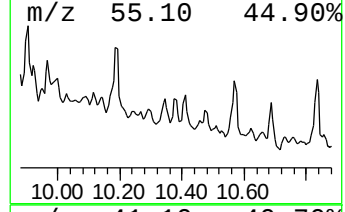
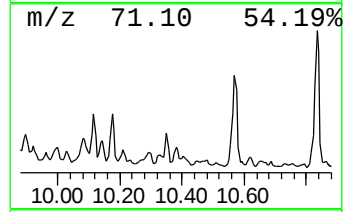
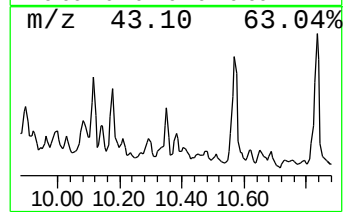
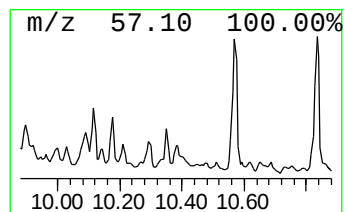
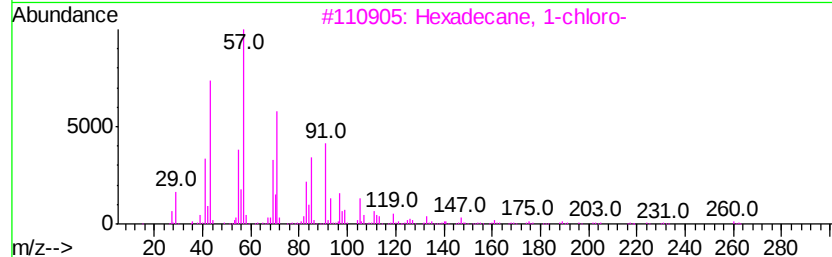
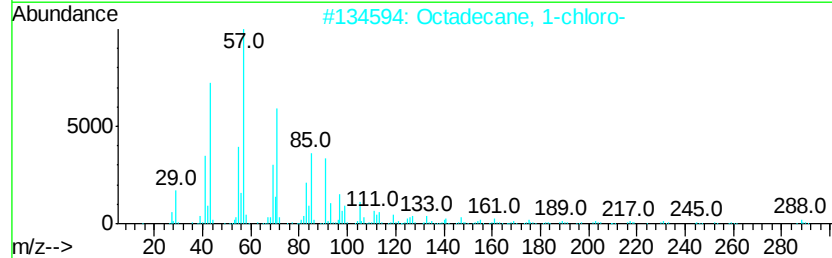
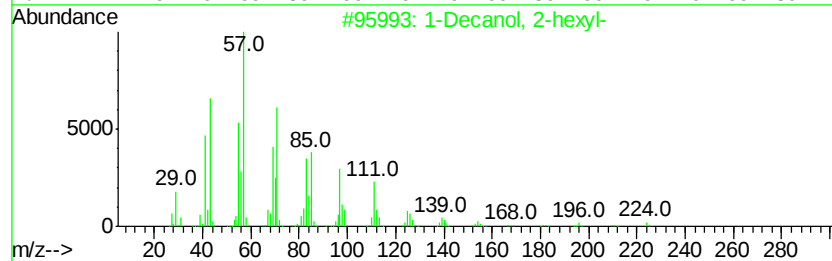
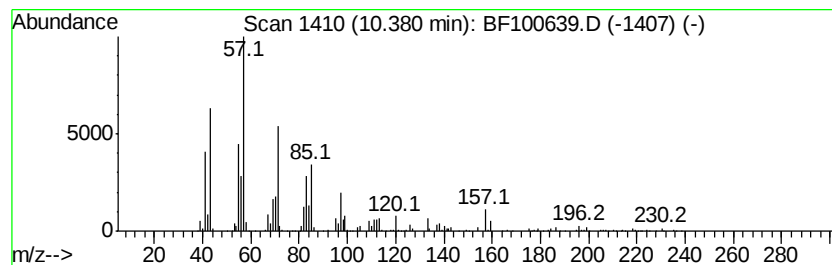
Instrument :
BNA_F
ClientSampleId :
WASTE-CHARACTERIZATION

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 1-Decanol, 2-hexyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.38	26.68 ng	501300	Acenaphthene-d10	9.94
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Decanol, 2-hexyl-	242 C16H34O	002425-77-6	86
2	Octadecane, 1-chloro-	288 C18H37Cl	003386-33-2	64
3	Hexadecane, 1-chloro-	260 C16H33Cl	004860-03-1	64
4	Tetradecane, 1-chloro-	232 C14H29Cl	002425-54-9	64
5	Tridecane	184 C13H28	000629-50-5	49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111617\
Data File : BF100639.D
Acq On : 16 Nov 2017 19:08
Operator : SJ/JU
Sample : I6408-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WASTE-CHARACTERIZATION

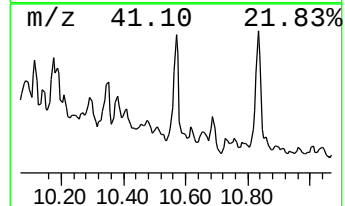
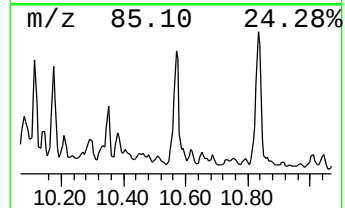
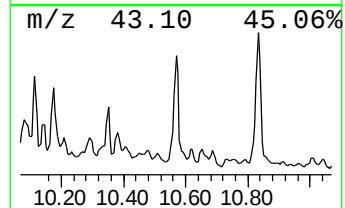
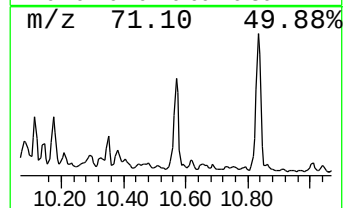
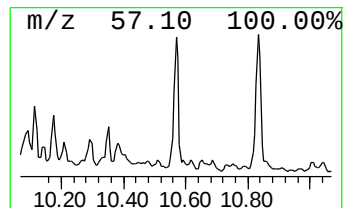
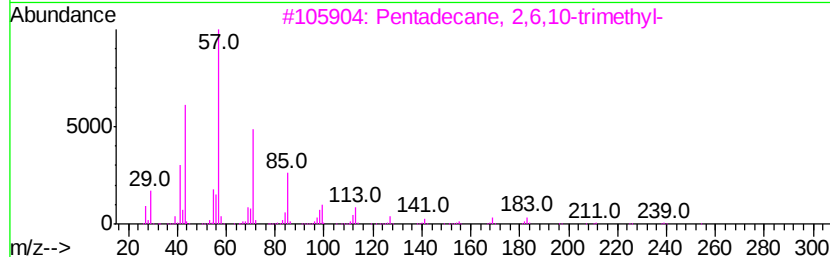
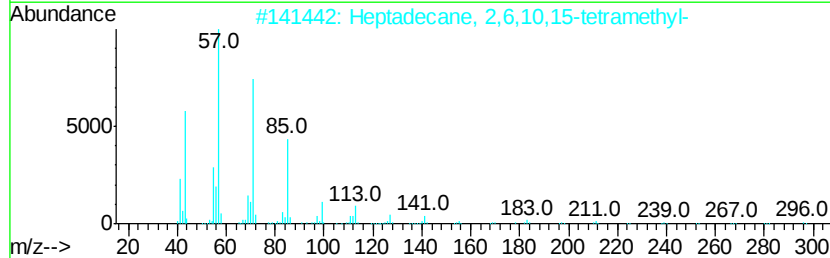
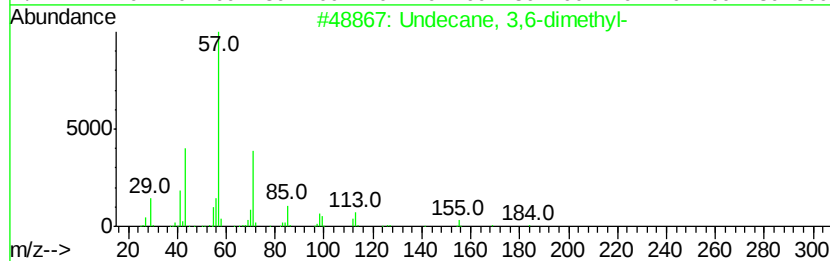
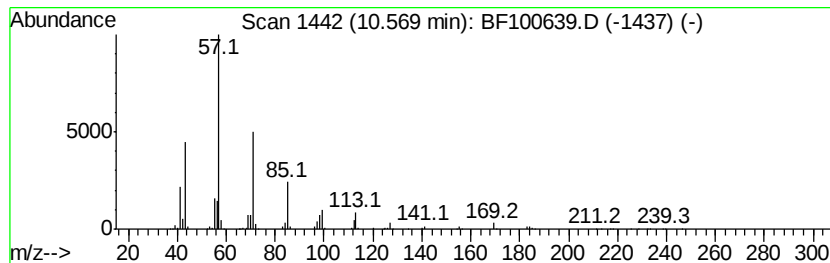
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Undecane, 3,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.57	150.17 ng	2821840	Acenaphthene-d10	9.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	90
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80
3		Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	78
4		Tetracosane	338	C24H50	000646-31-1	72
5		Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF111617\
Data File : BF100639.D
Acq On : 16 Nov 2017 19:08
Operator : SJ/JU
Sample : I6408-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WASTE-CHARACTERIZATION

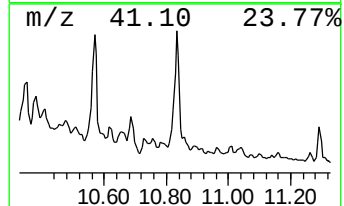
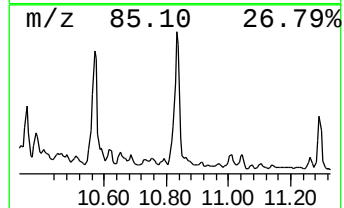
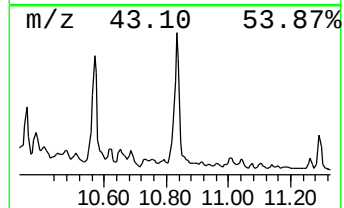
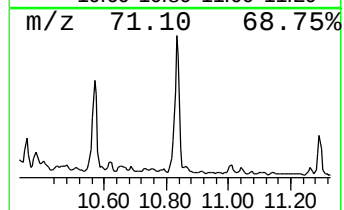
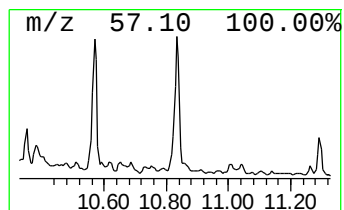
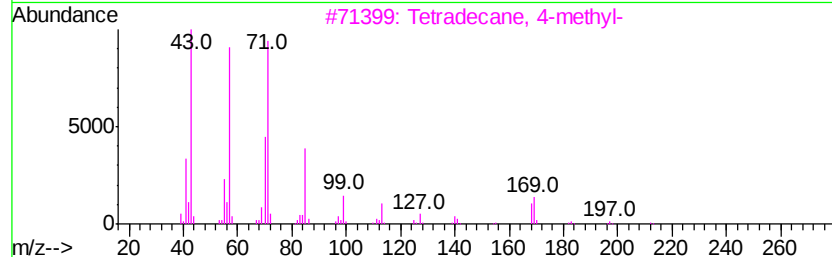
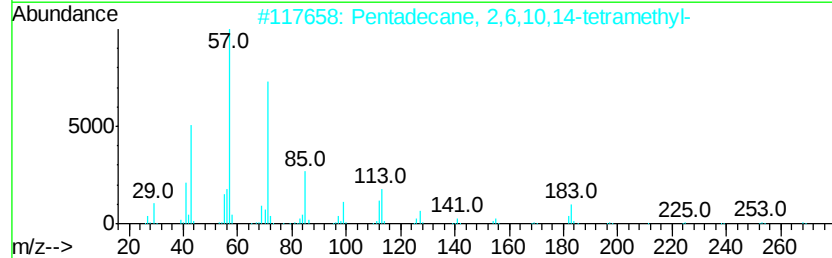
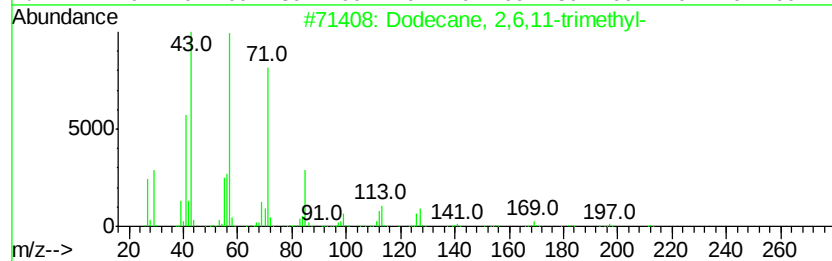
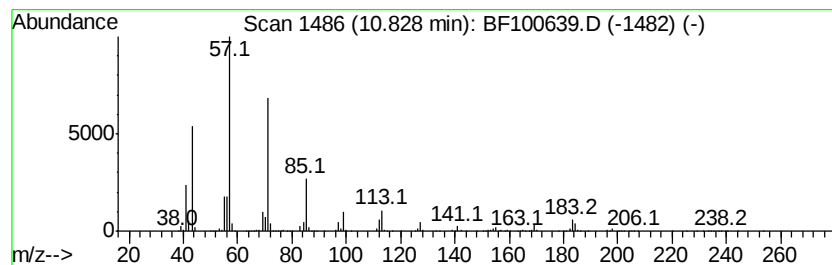
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Dodecane, 2,6,11-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.83	60.41 ng	3400820	Phenanthrene-d10	11.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90
2		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	86
3		Tetradecane, 4-methyl-	212	C15H32	025117-24-2	76
4		Octacosane	394	C28H58	000630-02-4	72
5		Eicosane	282	C20H42	000112-95-8	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111617\
 Data File : BF100639.D
 Acq On : 16 Nov 2017 19:08
 Operator : SJ/JU
 Sample : I6408-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WASTE-CHARACTERIZATION

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.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
Octane, 2,6-dimet...	6.14	19.2	ng	5730120	1	6.89	5980770	20.0
unknown6.66	6.66	29.0	ng	8677370	1	6.89	5980770	20.0
unknown9.18	9.18	32.1	ng	602571	3	9.94	375821	20.0
unknown9.35	9.35	204.5	ng	3843360	3	9.94	375821	20.0
Naphthalene, 2,7-...	9.53	61.6	ng	1157490	3	9.94	375821	20.0
Naphthalene, 1,5-...	9.59	86.9	ng	1632500	3	9.94	375821	20.0
Tritetracontane	9.66	267.4	ng	5024950	3	9.94	375821	20.0
Borane, diethyl(d...	9.71	56.0	ng	1051590	3	9.94	375821	20.0
unknown9.76	9.76	46.7	ng	878329	3	9.94	375821	20.0
Decahydro-4,4,8,9...	9.80	58.5	ng	1099720	3	9.94	375821	20.0
unknown9.86	9.86	103.3	ng	1941390	3	9.94	375821	20.0
Naphthalene, 2-(1...	10.03	47.8	ng	897270	3	9.94	375821	20.0
unknown10.09	10.09	55.9	ng	1051180	3	9.94	375821	20.0
Bacchotricuneatin c	10.12	30.7	ng	576507	3	9.94	375821	20.0
Naphthalene, 2,3,...	10.17	78.0	ng	1466120	3	9.94	375821	20.0
Hexadecane	10.35	72.5	ng	1362800	3	9.94	375821	20.0
1-Decanol, 2-hexyl-	10.38	26.7	ng	501300	3	9.94	375821	20.0
Undecane, 3,6-dim...	10.57	150.2	ng	2821840	3	9.94	375821	20.0
Dodecane, 2,6,11-...	10.83	60.4	ng	3400820	4	11.41	1125990	20.0