

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF121417\
 Data File : BF101430.D
 Acq On : 15 Dec 2017 8:18
 Operator : SJ/JU
 Sample : I6830-01
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MAP-3-E(12-13)

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-BF121417.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	5.440	566	570	577	rVV	2686733	3033901	62.28%	2.159%
2	5.963	655	659	663	rVB3	322072	449386	9.22%	0.320%
3	6.051	669	674	680	rBV2	811904	1308998	26.87%	0.932%
4	6.240	701	706	709	rBV2	519210	651475	13.37%	0.464%
5	6.304	714	717	719	rVB	653835	575287	11.81%	0.409%
6	6.334	719	722	729	rBV3	717145	1072770	22.02%	0.763%
7	6.451	739	742	748	rBV	2698185	3469289	71.22%	2.469%
8	6.545	754	758	762	rBV4	560275	882303	18.11%	0.628%
9	6.587	762	765	770	rVB	3366370	3320921	68.17%	2.363%
10	6.640	770	774	776	rBV3	701697	765779	15.72%	0.545%
11	6.745	785	792	793	rBV6	299512	549237	11.27%	0.391%
12	6.816	801	804	807	rVB	2415876	2113647	43.39%	1.504%
13	6.863	809	812	815	rBV3	437783	452384	9.29%	0.322%
14	6.951	824	827	828	rBV	1363058	1149104	23.59%	0.818%
15	6.969	828	830	835	rVB	2325846	2479232	50.89%	1.764%
16	7.081	843	849	852	rVB3	1170479	1646546	33.80%	1.172%
17	7.110	852	854	856	rBV	809017	675080	13.86%	0.480%
18	7.204	864	870	872	rBV2	1401693	1778565	36.51%	1.266%
19	7.234	872	875	879	rVB3	389411	500872	10.28%	0.356%
20	7.275	879	882	884	rBV	567991	584706	12.00%	0.416%
21	7.345	889	894	897	rBV2	1558076	1950738	40.04%	1.388%
22	7.387	897	901	907	rVB3	2480131	3337519	68.51%	2.375%
23	7.457	907	913	916	rBV5	1497544	2317546	47.57%	1.649%
24	7.516	916	923	927	rBV6	1030955	2377255	48.80%	1.692%
25	7.563	927	931	932	rBV3	408152	452441	9.29%	0.322%
26	7.587	932	935	937	rBV2	1513575	1313343	26.96%	0.935%
27	7.610	937	939	942	rVB2	1346844	1367031	28.06%	0.973%
28	7.692	949	953	954	rBV2	803713	966810	19.85%	0.688%
29	7.710	954	956	958	rVB	780485	506772	10.40%	0.361%
30	7.734	958	960	963	rVB2	1048118	793622	16.29%	0.565%
31	7.769	963	966	969	rVB2	1069308	1318561	27.07%	0.938%
32	7.810	969	973	975	rBV3	820905	980756	20.13%	0.698%
33	7.840	975	978	980	rBV3	1100348	1179603	24.21%	0.839%
34	7.910	987	990	993	rVB4	947937	1131292	23.22%	0.805%

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF121417\
 Data File : BF101430.D
 Acq On : 15 Dec 2017 8:18
 Operator : SJ/JU
 Sample : I6830-01
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MAP-3-E(12-13)

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-BF121417.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.963	996	999	1002	rBV2	1028289	1048595	21.52%	0.746%
36	7.998	1002	1005	1007	rBV	488434	499822	10.26%	0.356%
37	8.045	1008	1013	1015	rBV6	912148	1458012	29.93%	1.038%
38	8.087	1015	1020	1021	rBV3	840129	1185642	24.34%	0.844%
39	8.151	1027	1031	1034	rVB2	2888881	3705847	76.07%	2.637%
40	8.181	1034	1036	1039	rBV2	1099415	1170321	24.02%	0.833%
41	8.251	1044	1048	1049	rBV4	667543	831064	17.06%	0.591%
42	8.298	1053	1056	1058	rVB2	1027211	1018810	20.91%	0.725%
43	8.387	1067	1071	1075	rVB5	1735495	2329248	47.81%	1.658%
44	8.439	1077	1080	1083	rVB4	803972	858185	17.62%	0.611%
45	8.481	1083	1087	1089	rVB4	793574	982675	20.17%	0.699%
46	8.516	1089	1093	1095	rBV	3077563	3122234	64.09%	2.222%
47	8.604	1105	1108	1110	rBV3	889926	768141	15.77%	0.547%
48	8.634	1110	1113	1116	rBV4	618987	903883	18.55%	0.643%
49	8.687	1119	1122	1126	rBV4	688197	945769	19.41%	0.673%
50	8.781	1135	1138	1142	rVB2	1507657	1785961	36.66%	1.271%
51	8.845	1146	1149	1151	rVB4	636085	533819	10.96%	0.380%
52	8.875	1151	1154	1156	rBV5	664007	929726	19.08%	0.662%
53	8.916	1159	1161	1164	rVV2	1976330	2065593	42.40%	1.470%
54	8.969	1167	1170	1171	rVV3	851811	851496	17.48%	0.606%
55	9.004	1173	1176	1180	rVV4	1185680	1569460	32.22%	1.117%
56	9.045	1180	1183	1188	rVV5	740676	1073702	22.04%	0.764%
57	9.086	1188	1190	1192	rVV2	676036	642562	13.19%	0.457%
58	9.116	1192	1195	1198	rVV	2957843	2917211	59.88%	2.076%
59	9.175	1202	1205	1209	rVB	2275974	2388993	49.04%	1.700%
60	9.251	1214	1218	1221	rBV2	1450555	2226007	45.69%	1.584%
61	9.292	1223	1225	1227	rVV2	853752	865243	17.76%	0.616%
62	9.328	1229	1231	1233	rVV	1047112	837048	17.18%	0.596%
63	9.375	1236	1239	1245	rVV	714298	1016472	20.87%	0.723%
64	9.439	1247	1250	1255	rBV2	1586382	2404145	49.35%	1.711%
65	9.522	1260	1264	1267	rBV2	1844171	2668525	54.78%	1.899%
66	9.575	1267	1273	1275	rVB4	2900822	4727527	97.04%	3.364%
67	9.598	1275	1277	1280	rVB4	509591	454989	9.34%	0.324%
68	9.639	1280	1284	1285	rBV2	1103879	1134340	23.28%	0.807%
69	9.722	1295	1298	1300	rBV	1447519	1272502	26.12%	0.906%
70	9.763	1303	1305	1307	rVB	836108	636391	13.06%	0.453%
71	9.822	1312	1315	1316	rBV3	612851	593559	12.18%	0.422%

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF121417\
 Data File : BF101430.D
 Acq On : 15 Dec 2017 8:18
 Operator : SJ/JU
 Sample : I6830-01
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MAP-3-E(12-13)

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-BF121417.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	9.963	1335	1339	1343	rBV2	1283214	1872636	38.44%	1.333%
73	10.004	1343	1346	1350	rBV3	866807	1325848	27.22%	0.944%
74	10.039	1350	1352	1354	rVV	930221	1073526	22.04%	0.764%
75	10.063	1354	1356	1359	rVB2	1697652	1491953	30.63%	1.062%
76	10.104	1359	1363	1367	rBV2	2040761	2243665	46.06%	1.597%
77	10.175	1372	1375	1378	rBV	1423049	1691841	34.73%	1.204%
78	10.210	1378	1381	1386	rVB3	1403538	1874996	38.49%	1.334%
79	10.263	1386	1390	1392	rBV3	1352554	1880754	38.61%	1.338%
80	10.404	1411	1414	1416	rBV3	493409	562283	11.54%	0.400%
81	10.498	1424	1430	1436	rVB3	2540395	4076390	83.68%	2.901%
82	10.551	1436	1439	1442	rBV3	630318	763125	15.66%	0.543%
83	10.616	1448	1450	1453	rVB4	608752	576321	11.83%	0.410%
84	10.657	1453	1457	1459	rVV3	950949	1164133	23.90%	0.828%
85	10.681	1459	1461	1466	rVB3	592540	572315	11.75%	0.407%
86	10.769	1471	1476	1483	rVB2	3592877	4871564	100.00%	3.467%
87	10.845	1487	1489	1491	rVB	582928	445927	9.15%	0.317%
88	10.945	1503	1506	1510	rBV5	501191	874953	17.96%	0.623%
89	10.986	1511	1513	1515	rVB	779696	598812	12.29%	0.426%
90	11.092	1529	1531	1533	rVV3	574539	480701	9.87%	0.342%
91	11.228	1551	1554	1557	rBV	1740861	1736102	35.64%	1.235%
92	11.351	1570	1575	1577	rBV	1272124	1350392	27.72%	0.961%
93	11.375	1577	1579	1582	rVB	682729	612132	12.57%	0.436%
94	11.575	1611	1613	1616	rBV3	714767	689974	14.16%	0.491%
95	11.851	1657	1660	1663	rBV	772157	752254	15.44%	0.535%
96	11.880	1663	1665	1668	rVB	880513	696665	14.30%	0.496%
97	12.398	1751	1753	1756	rBV	602416	569691	11.69%	0.405%
98	12.927	1840	1843	1847	rBV	2217553	1960033	40.23%	1.395%
99	13.992	2020	2024	2032	rVB	943265	922090	18.93%	0.656%
100	15.463	2267	2274	2284	rBV	607397	916065	18.80%	0.652%

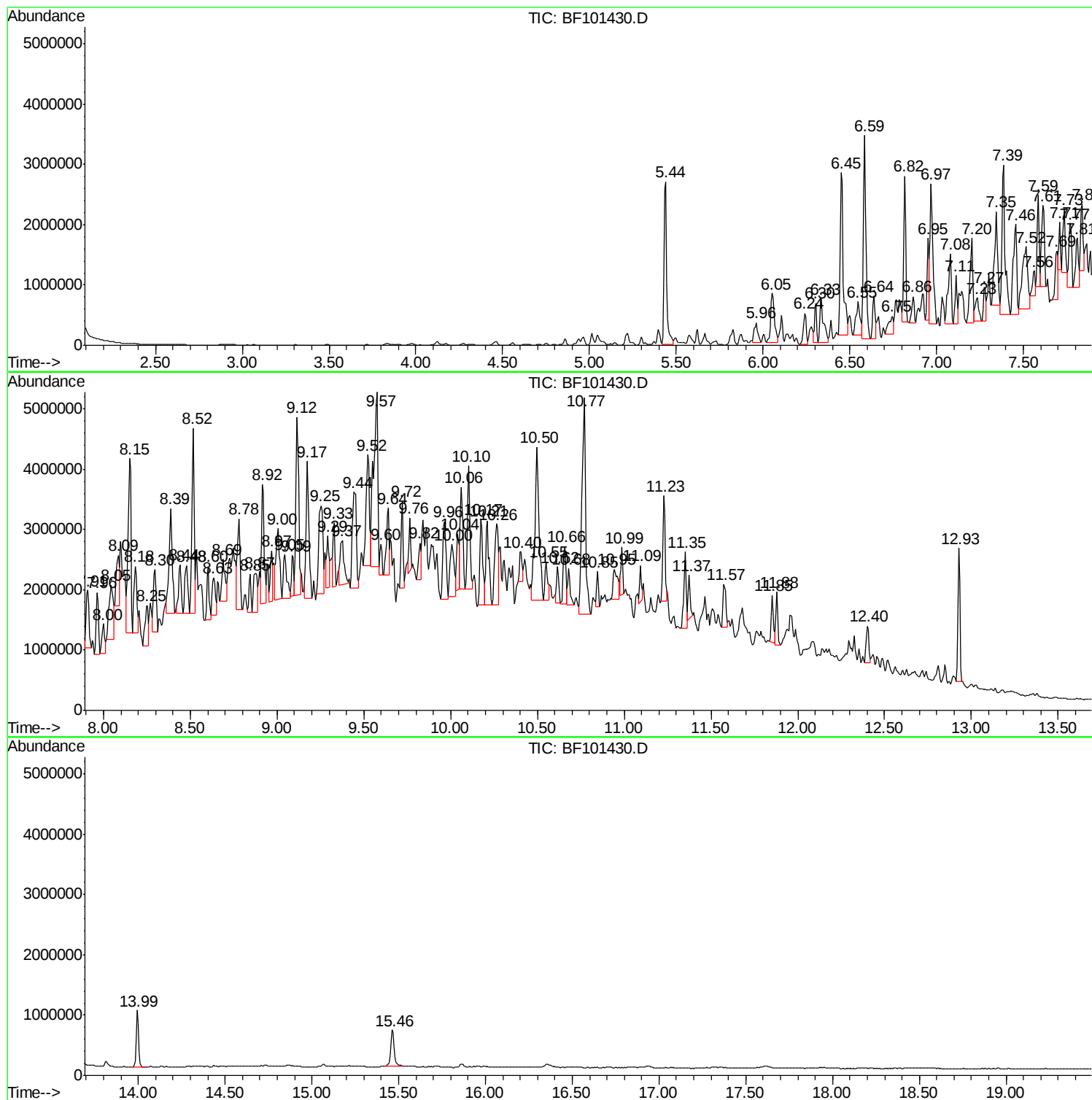
Sum of corrected areas: 140523431

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121417\
Data File : BF101430.D
Acq On : 15 Dec 2017 8:18
Operator : SJ/JU
Sample : I6830-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MAP-3-E(12-13)

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121417\
Data File : BF101430.D
Acq On : 15 Dec 2017 8:18
Operator : SJ/JU
Sample : I6830-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MAP-3-E(12-13)

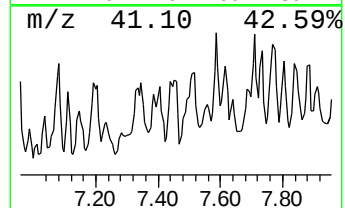
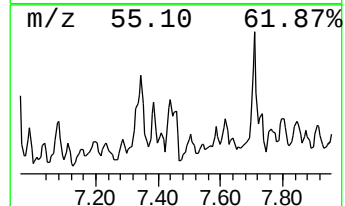
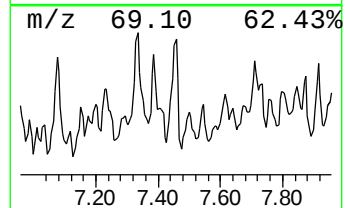
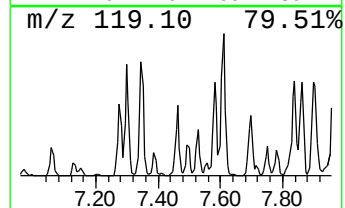
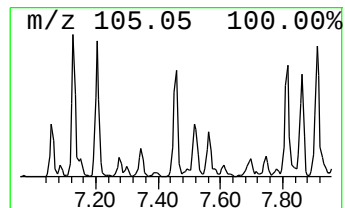
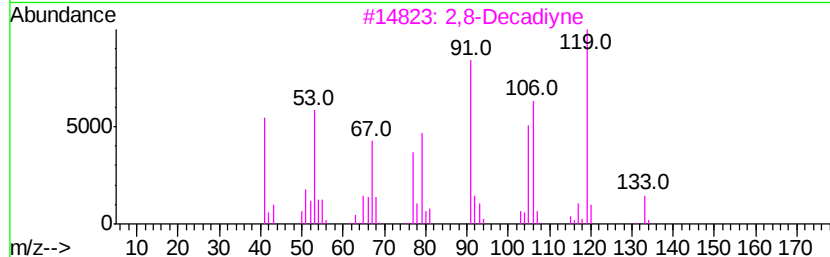
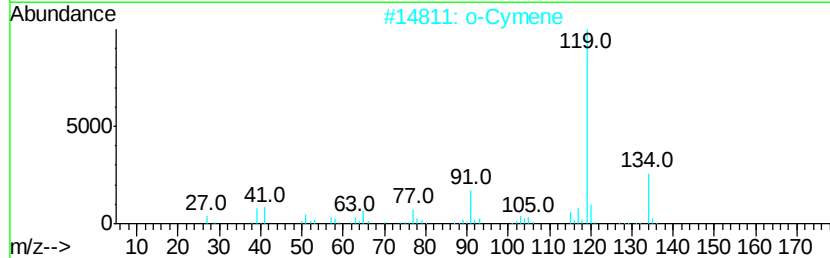
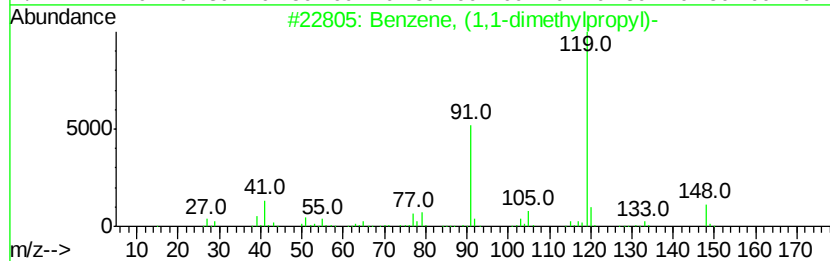
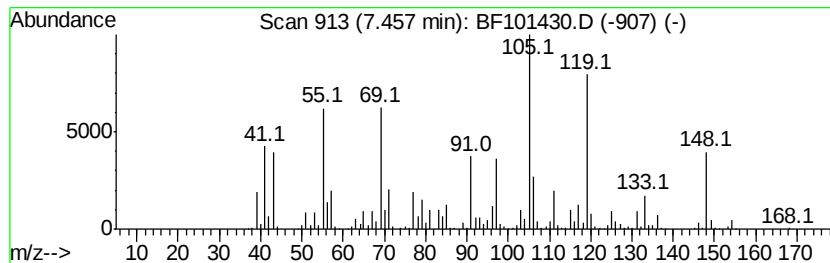
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown7.46 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.46	39.09 ng	2317550	Napthalene-d8	8.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	43
2		o-Cymene	134	C10H14	000527-84-4	38
3		2,8-Decadiyne	134	C10H14	004116-93-2	38
4		4-Methylphenyl acetone	148	C10H12O	002096-86-8	35
5		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	30



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121417\
Data File : BF101430.D
Acq On : 15 Dec 2017 8:18
Operator : SJ/JU
Sample : I6830-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

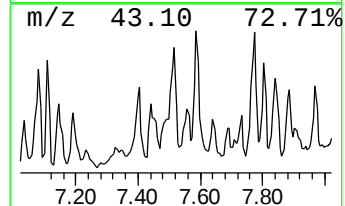
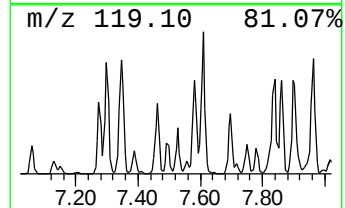
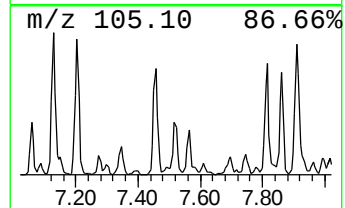
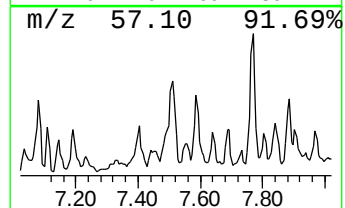
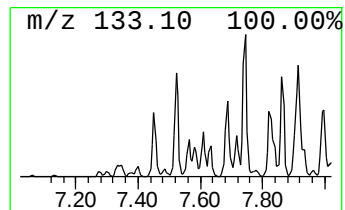
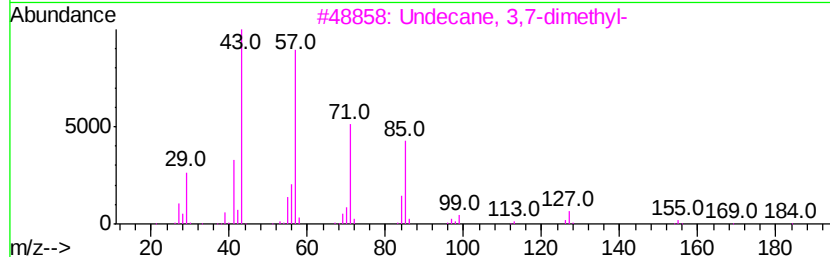
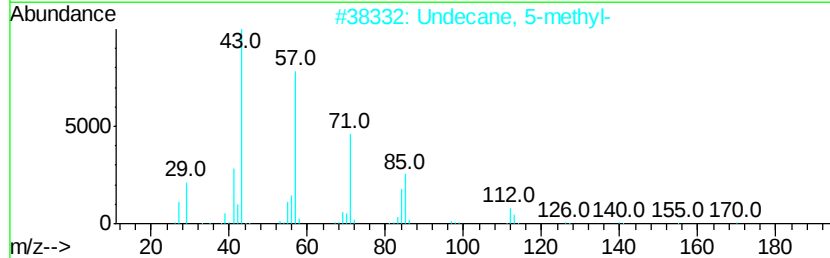
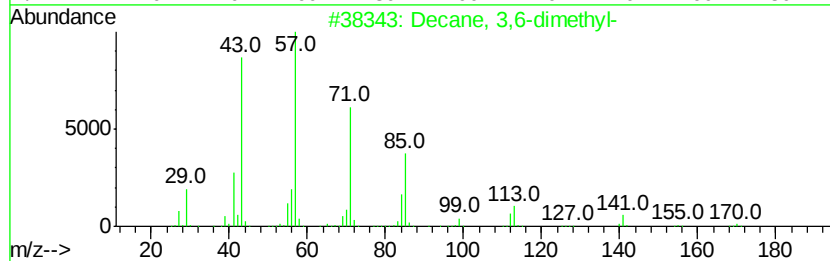
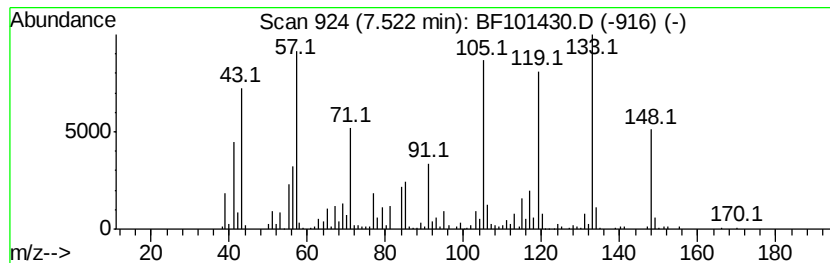
Instrument :
BNA_F
ClientSampleId :
MAP-3-E(12-13)

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Decane, 3,6-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.52	40.10 ng	2377260	Naphthalene-d8	8.10
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Decane, 3,6-dimethyl-	170 C12H26	017312-53-7	58
2	Undecane, 5-methyl-	170 C12H26	001632-70-8	53
3	Undecane, 3,7-dimethyl-	184 C13H28	017301-29-0	50
4	Octane, 3-ethyl-2,7-dimethyl-	170 C12H26	062183-55-5	47
5	Decane, 2,4-dimethyl-	170 C12H26	002801-84-5	47



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121417\
Data File : BF101430.D
Acq On : 15 Dec 2017 8:18
Operator : SJ/JU
Sample : I6830-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MAP-3-E(12-13)

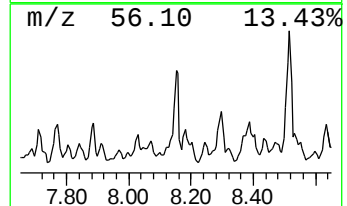
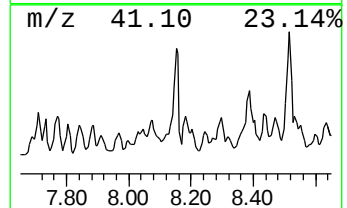
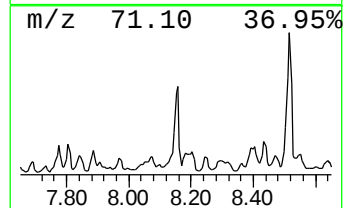
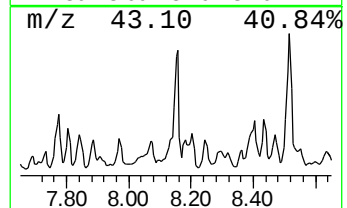
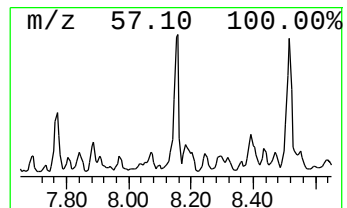
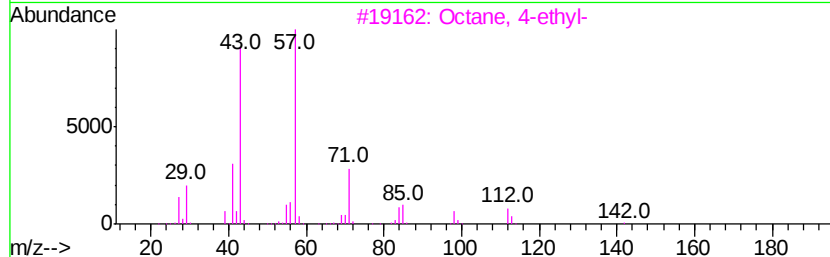
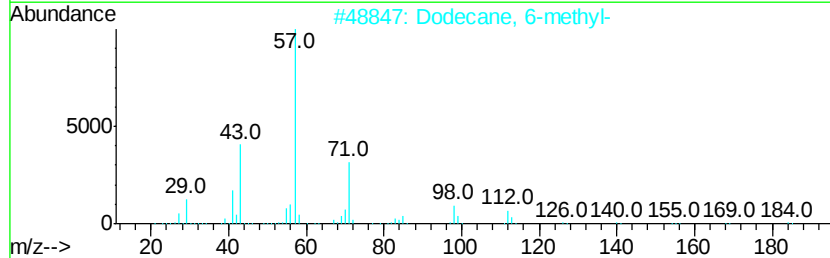
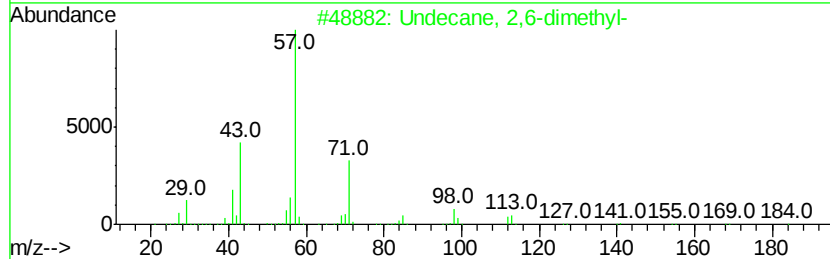
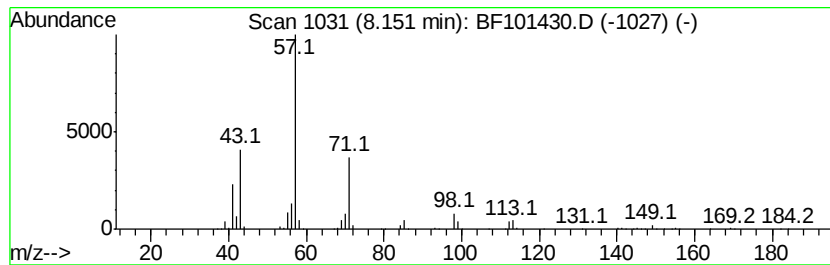
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Undecane, 2,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.15	62.51 ng	3705850	Napthalene-d8	8.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	95
2		Dodecane, 6-methyl-	184	C13H28	006044-71-9	80
3		Octane, 4-ethyl-	142	C10H22	015869-86-0	72
4		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	72
5		Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	64



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121417\
Data File : BF101430.D
Acq On : 15 Dec 2017 8:18
Operator : SJ/JU
Sample : I6830-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MAP-3-E(12-13)

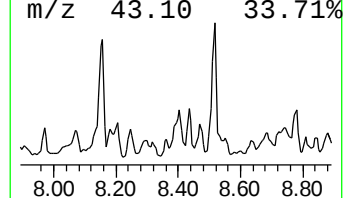
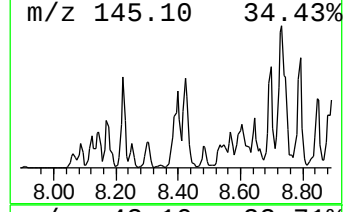
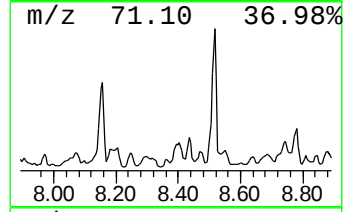
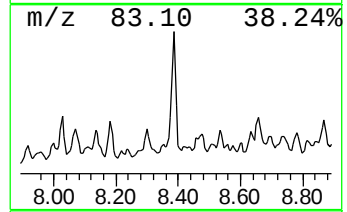
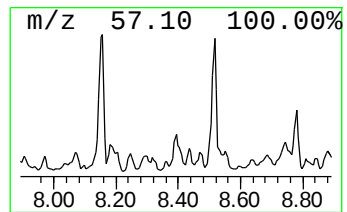
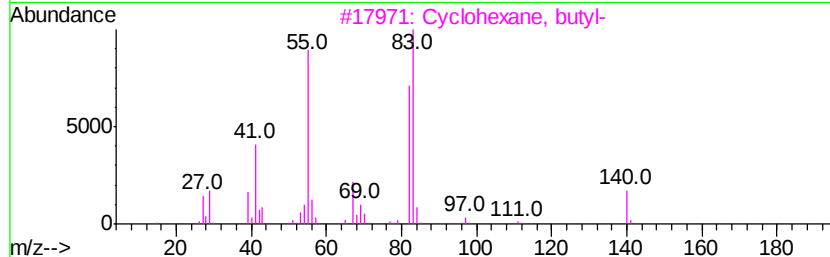
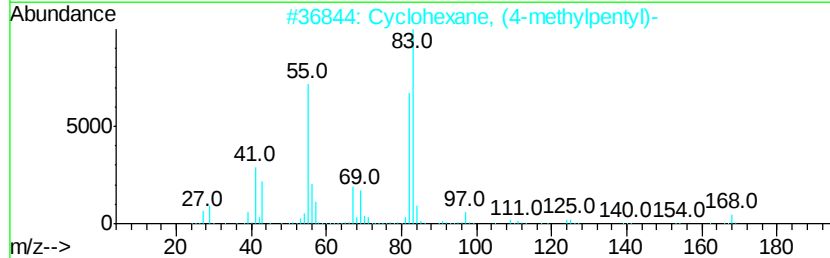
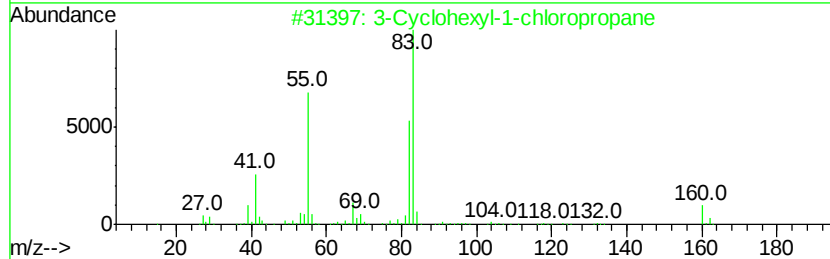
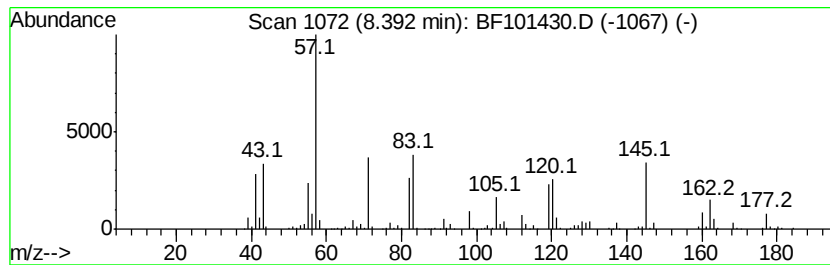
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 unknown8.39 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.39	39.29 ng	2329250	Napthalene-d8	8.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Cyclohexyl-1-chloropropane	160	C9H17Cl	001124-62-5	49
2		Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	49
3		Cyclohexane, butyl-	140	C10H20	001678-93-9	47
4		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	47
5		Cyclohexane, propyl-	126	C9H18	001678-92-8	47



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121417\
Data File : BF101430.D
Acq On : 15 Dec 2017 8:18
Operator : SJ/JU
Sample : I6830-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

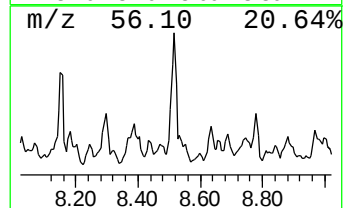
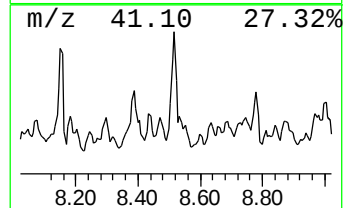
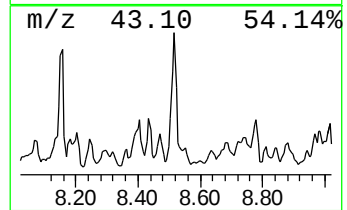
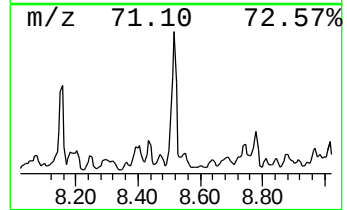
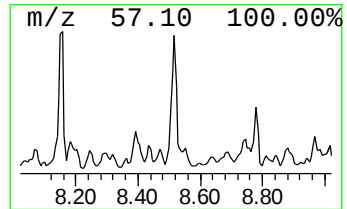
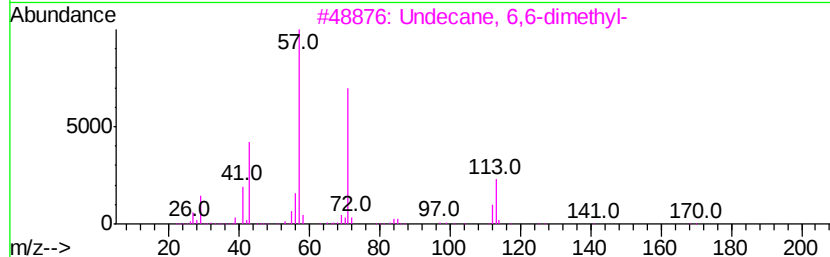
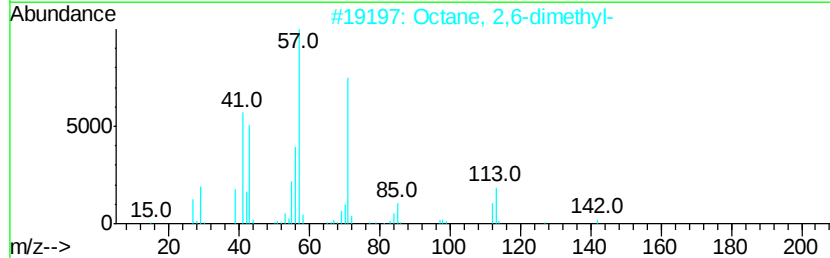
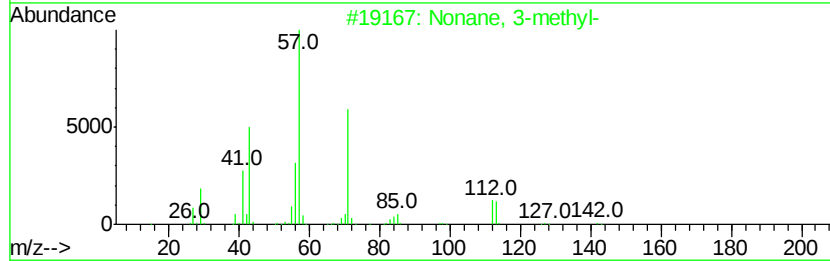
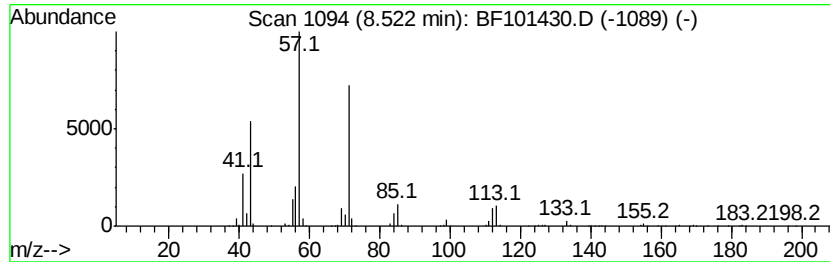
Instrument :
BNA_F
ClientSampleId :
MAP-3-E(12-13)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Nonane, 3-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.52	52.67 ng	3122230	Naphthalene-d8	8.10
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Nonane, 3-methyl-	142 C10H22	005911-04-6	78
2	Octane, 2,6-dimethyl-	142 C10H22	002051-30-1	78
3	Undecane, 6,6-dimethyl-	184 C13H28	017312-76-4	64
4	Heptane, 5-ethyl-2-methyl-	142 C10H22	013475-78-0	59
5	Sulfurous acid, dodecyl 2-ethylh...	362 C20H42O3S	1000309-19-5	53



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121417\
Data File : BF101430.D
Acq On : 15 Dec 2017 8:18
Operator : SJ/JU
Sample : I6830-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

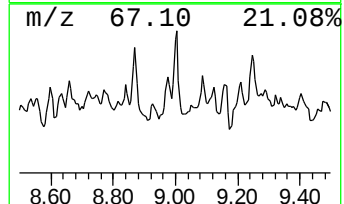
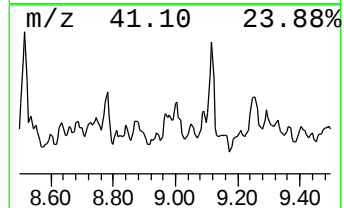
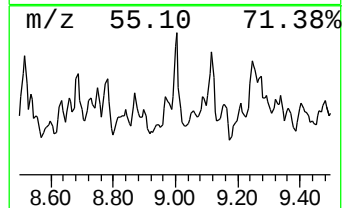
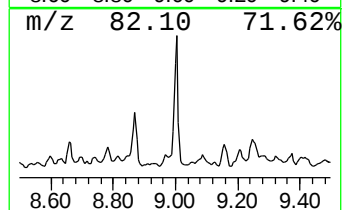
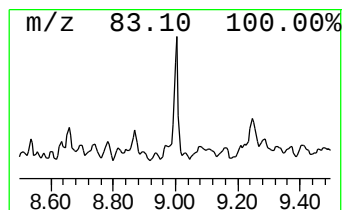
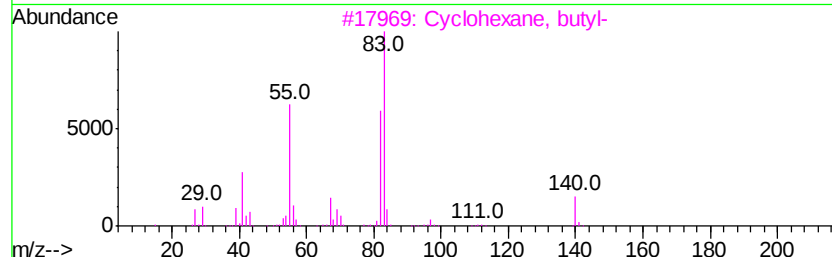
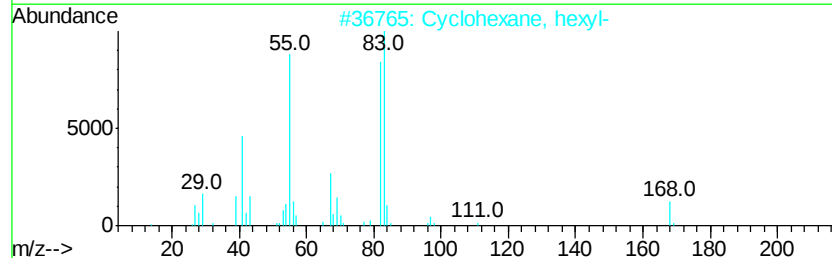
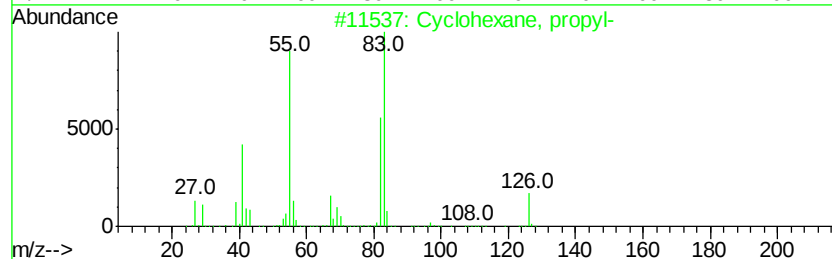
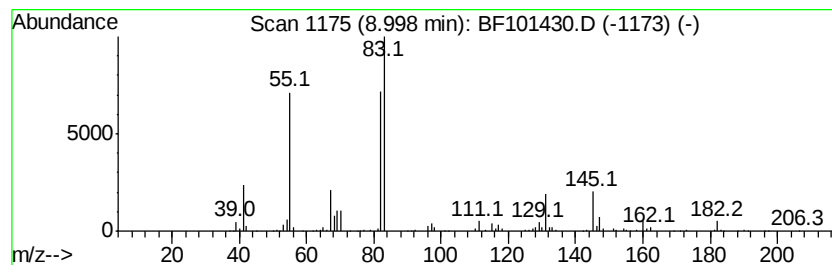
Instrument :
BNA_F
ClientSampleId :
MAP-3-E(12-13)

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Cyclohexane, propyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.	
9.00	52.88 ng	1569460	Acenaphthene-d10		9.86	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cvclohexane, propyl-	126	C9H18	001678-92-8	53
2		Cvclohexane, hexyl-	168	C12H24	004292-75-5	53
3		Cvclohexane, butyl-	140	C10H20	001678-93-9	53
4		Cvclohexane, 1,1'-(1,4-butanediv...	222	C16H30	006165-44-2	53
5		Cvclohexane, pentyl-	154	C11H22	004292-92-6	53



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121417\
Data File : BF101430.D
Acq On : 15 Dec 2017 8:18
Operator : SJ/JU
Sample : I6830-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MAP-3-E(12-13)

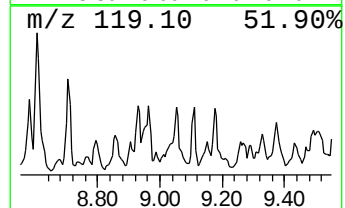
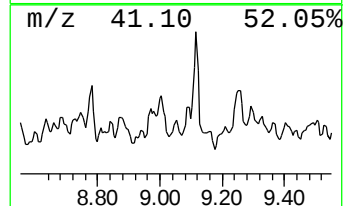
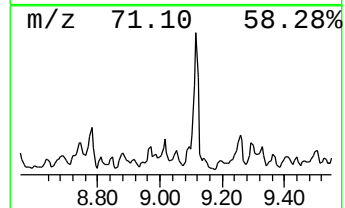
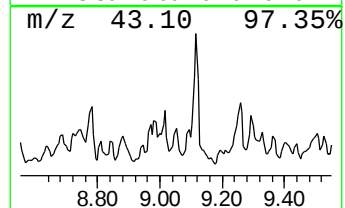
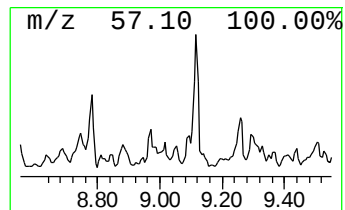
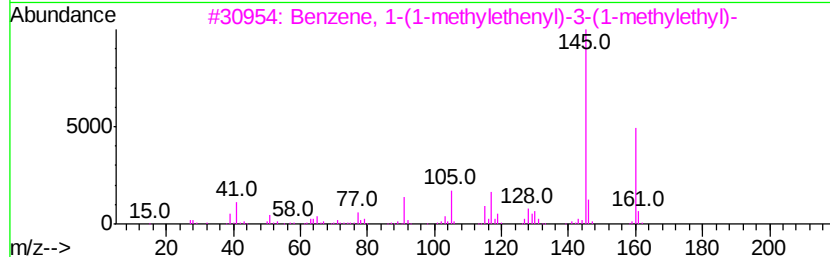
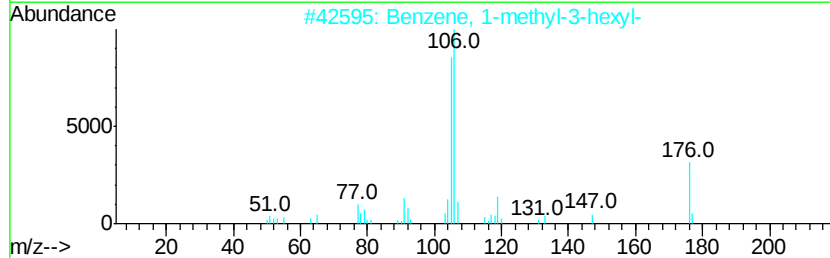
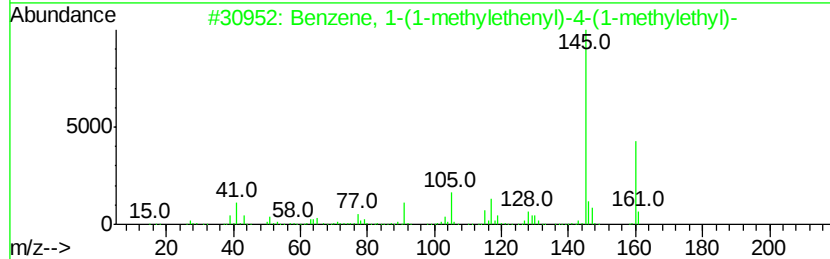
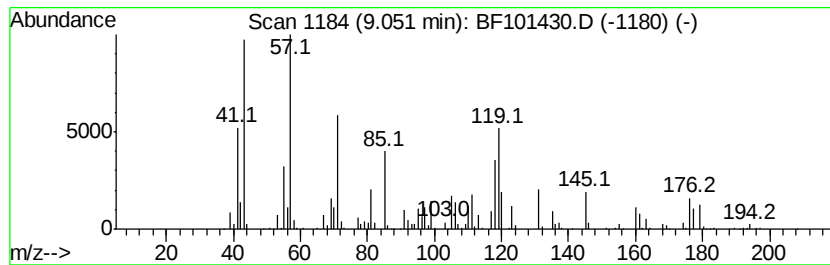
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown9.05 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.05	36.18 ng	1073700	Acenaphthene-d10	9.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-(1-methylethenyl)-4-(...	160	C12H16	002388-14-9	38
2		Benzene, 1-methyl-3-hexyl-	176	C13H20	001595-03-5	35
3		Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	25
4		5-Methyl-1-phenyl-4,5-dihydro-2-...	160	C10H12N2	020409-84-1	25
5		Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	22



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121417\
Data File : BF101430.D
Acq On : 15 Dec 2017 8:18
Operator : SJ/JU
Sample : I6830-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MAP-3-E(12-13)

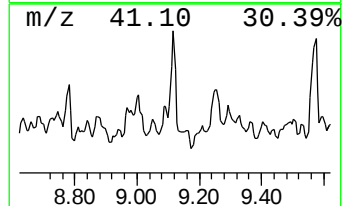
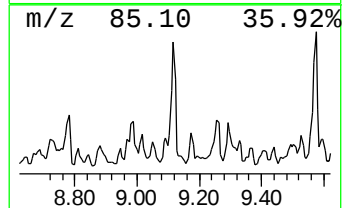
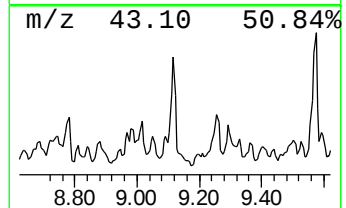
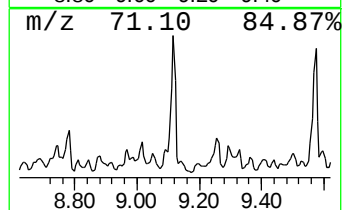
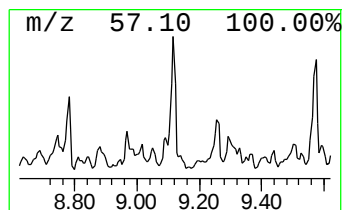
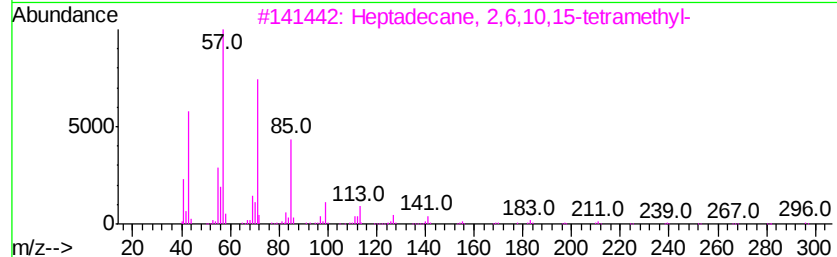
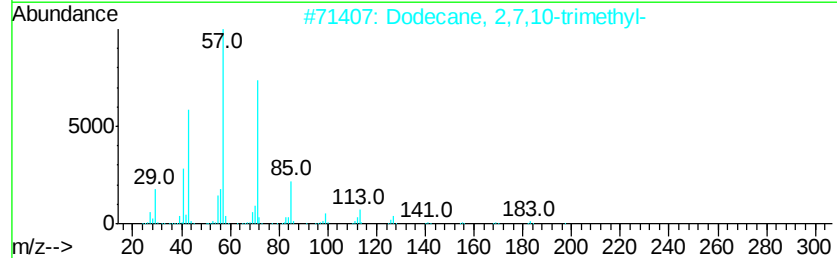
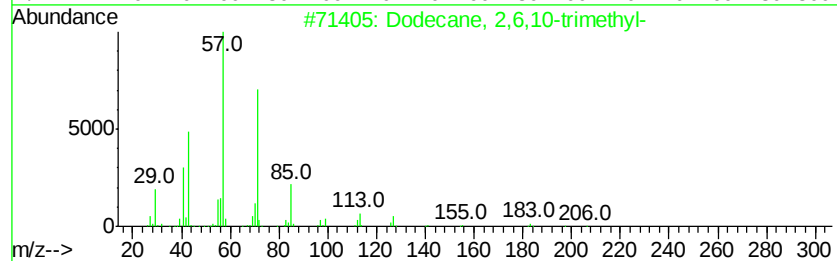
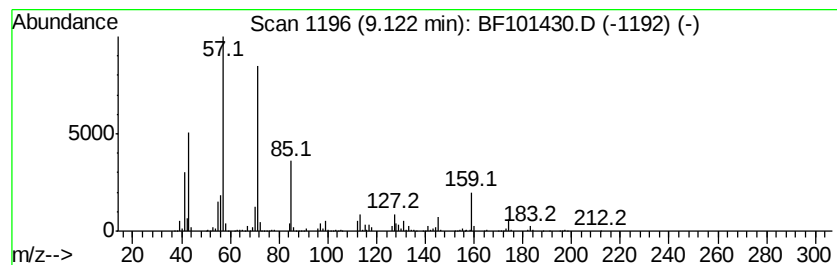
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Dodecane, 2,6,10-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.12	98.30 ng	2917210	Acenaphthene-d10	9.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	91
2		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	90
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	78
4		Decane, 5-propyl-	184	C13H28	017312-62-8	72
5		Undecane, 5-methyl-	170	C12H26	001632-70-8	64



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121417\
Data File : BF101430.D
Acq On : 15 Dec 2017 8:18
Operator : SJ/JU
Sample : I6830-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

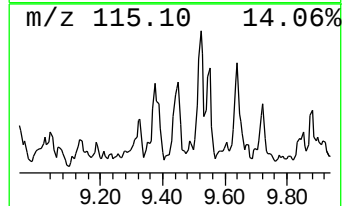
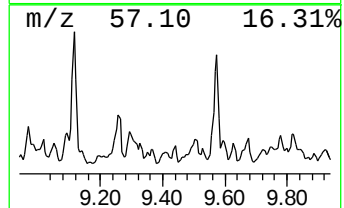
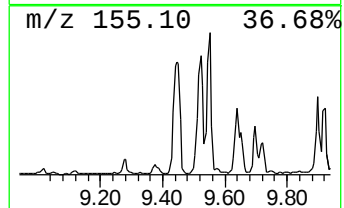
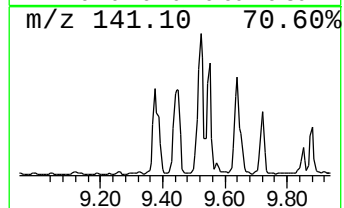
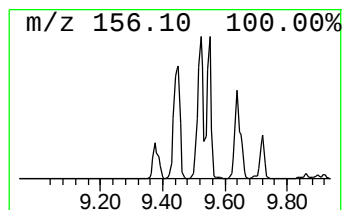
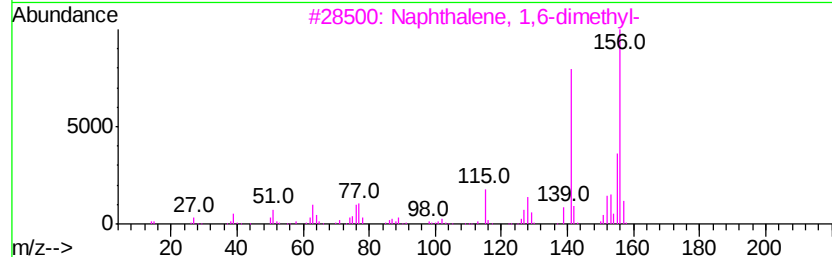
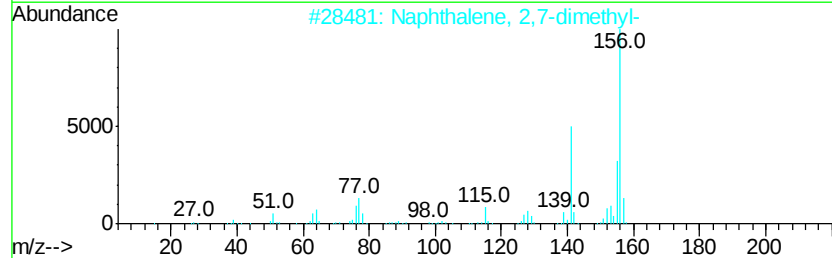
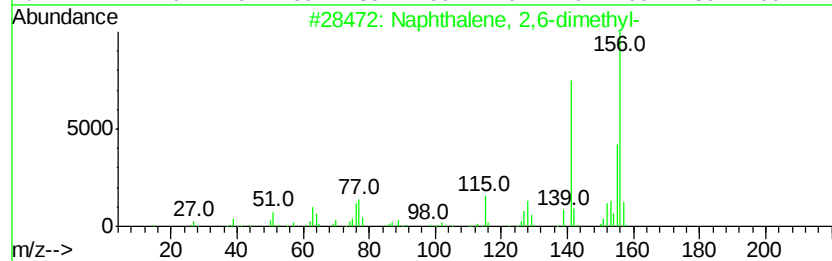
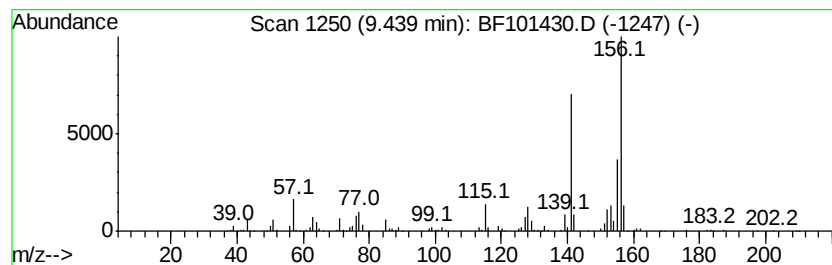
Instrument :
BNA_F
ClientSampleId :
MAP-3-E(12-13)

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 2,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.44	81.01 ng	2404150	Acenaphthene-d10	9.86
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 98
2		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 97
3		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 97
4		Naphthalene, 1,5-dimethyl-	156 C12H12	000571-61-9 97
5		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 97



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121417\
Data File : BF101430.D
Acq On : 15 Dec 2017 8:18
Operator : SJ/JU
Sample : I6830-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MAP-3-E(12-13)

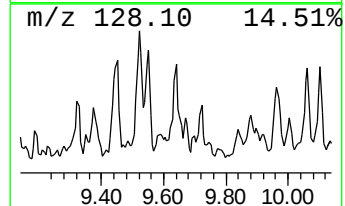
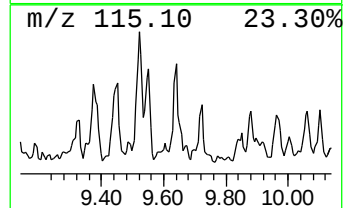
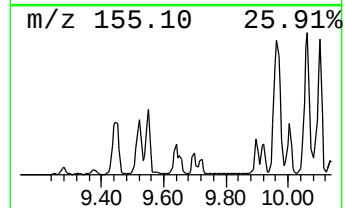
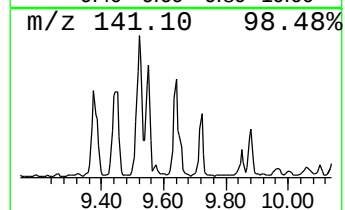
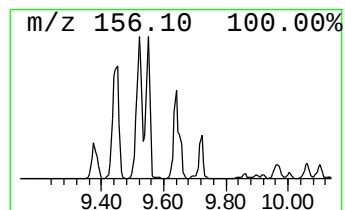
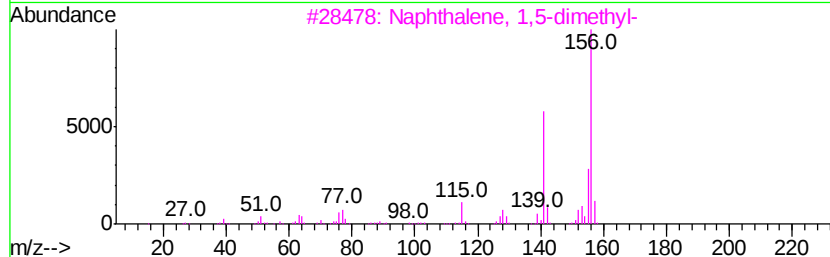
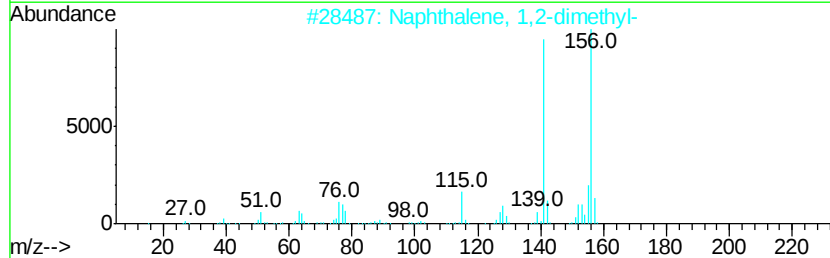
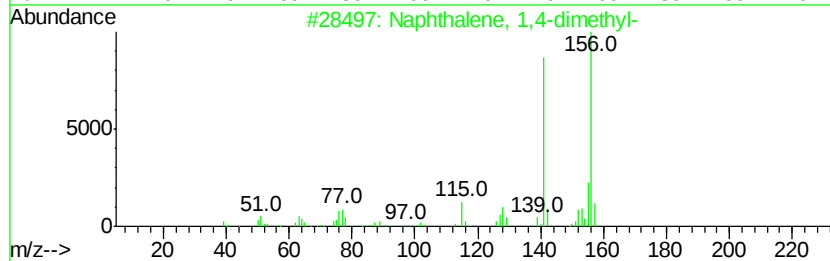
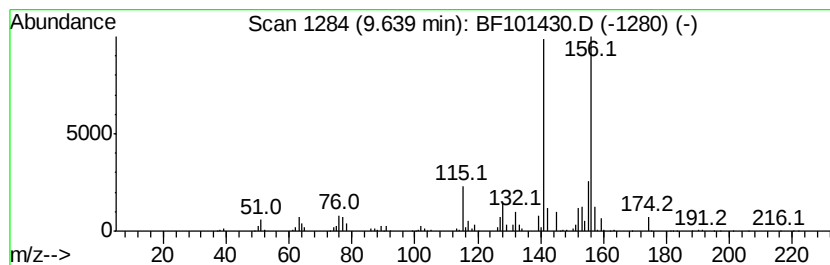
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 1,4-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.64	38.22 ng	1134340	Acenaphthene-d10	9.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
2		Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	94
3		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	92
4		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	92
5		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	92



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121417\
Data File : BF101430.D
Acq On : 15 Dec 2017 8:18
Operator : SJ/JU
Sample : I6830-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MAP-3-E(12-13)

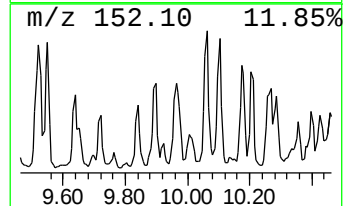
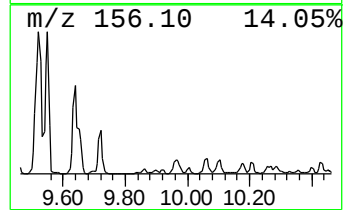
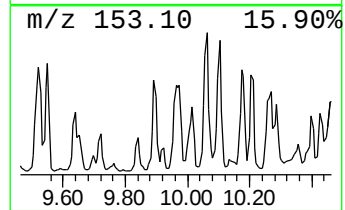
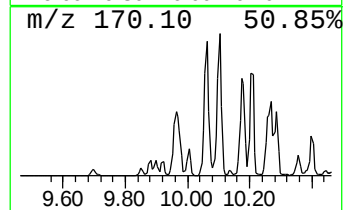
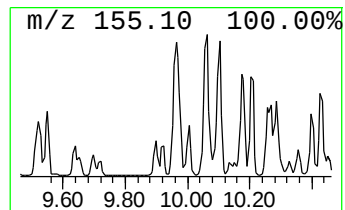
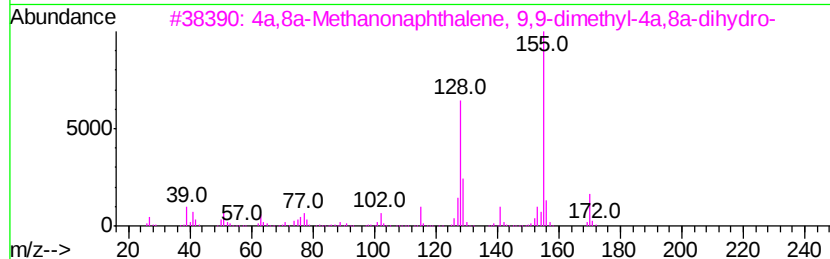
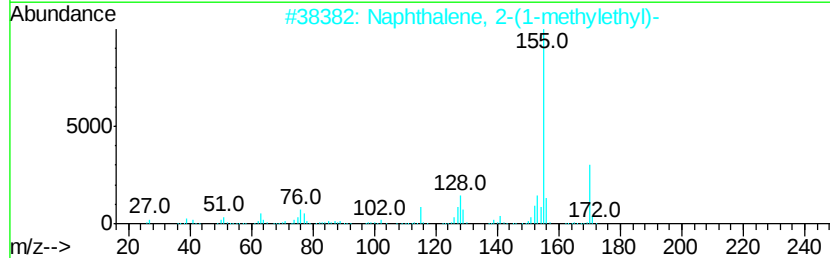
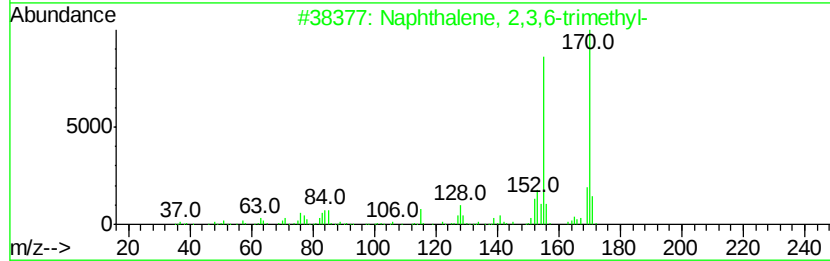
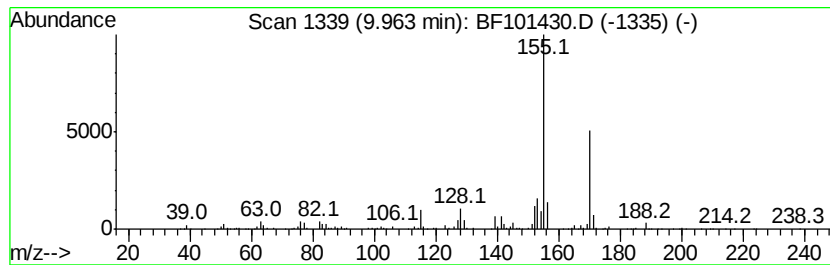
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 2,3,6-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.96	63.10 ng	1872640	Acenaphthene-d10	9.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
2		Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91
3		4a,8a-Methanonaphthalene, 9,9-di...	170	C13H14	038963-97-2	90
4		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	80
5		2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	72



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121417\
Data File : BF101430.D
Acq On : 15 Dec 2017 8:18
Operator : SJ/JU
Sample : I6830-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MAP-3-E(12-13)

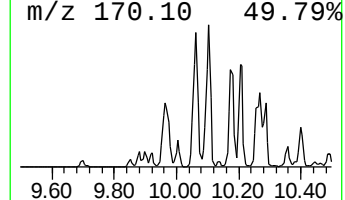
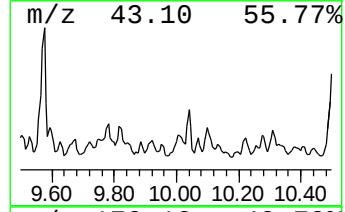
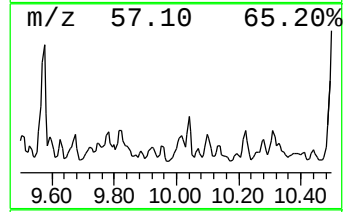
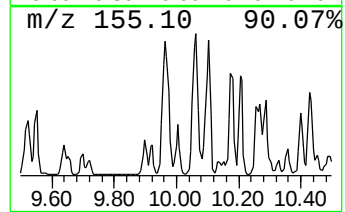
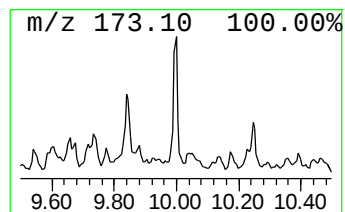
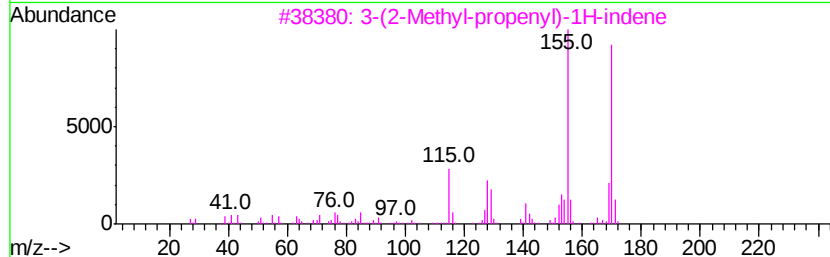
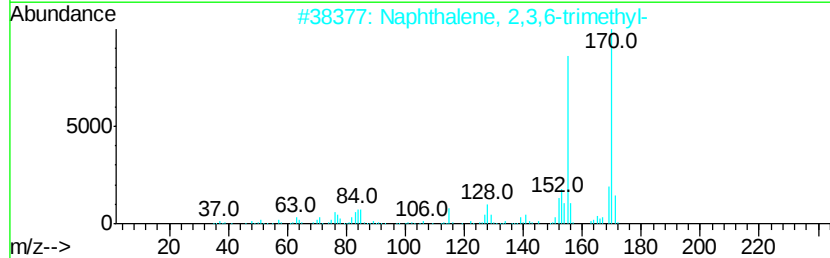
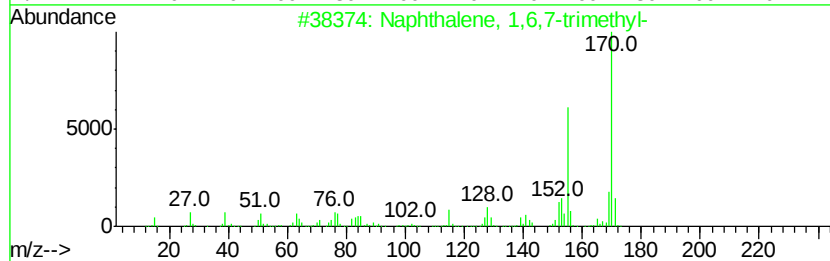
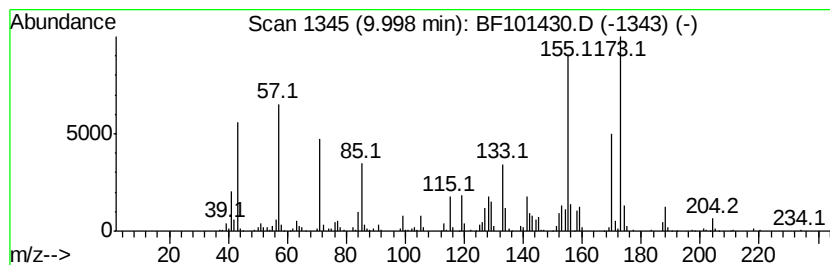
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 1,6,7-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.00	44.67 ng	1325850	Acenaphthene-d10	9.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	78
2		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	64
3		3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	64
4		4,6,8-Trimethylazulene	170	C13H14	000941-81-1	50
5		1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	49



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121417\
Data File : BF101430.D
Acq On : 15 Dec 2017 8:18
Operator : SJ/JU
Sample : I6830-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MAP-3-E(12-13)

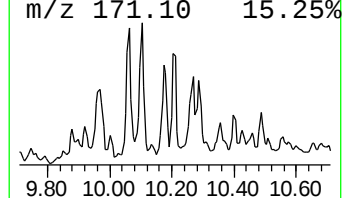
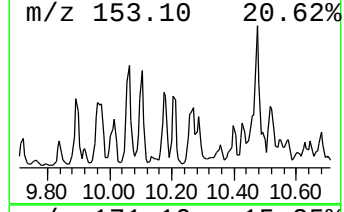
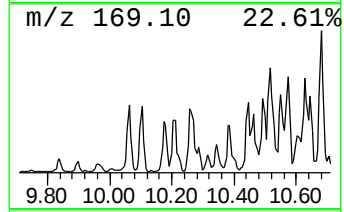
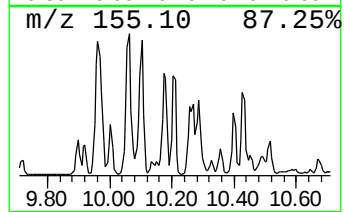
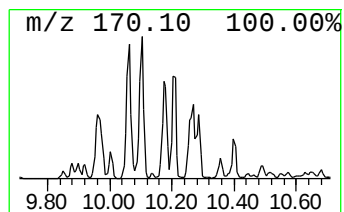
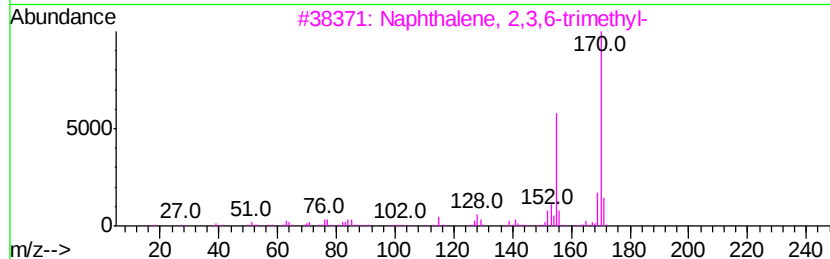
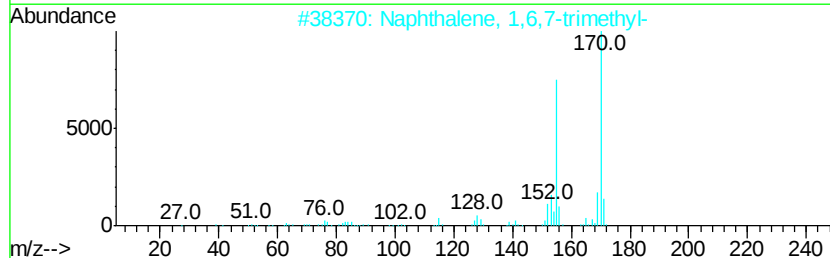
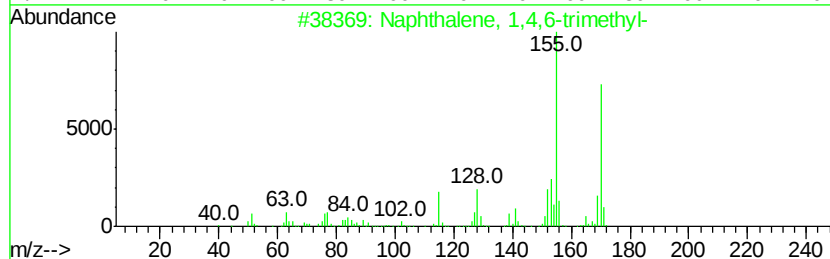
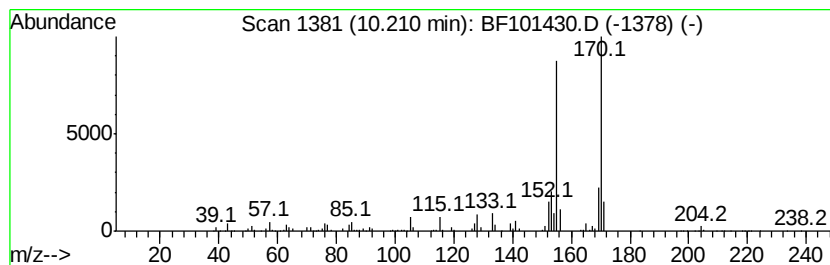
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Naphthalene, 1,4,6-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.21	63.18 ng	1875000	Acenaphthene-d10	9.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
3		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
4		4,6,8-Trimethylazulene	170	C13H14	000941-81-1	90
5		1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	87



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121417\
Data File : BF101430.D
Acq On : 15 Dec 2017 8:18
Operator : SJ/JU
Sample : I6830-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MAP-3-E(12-13)

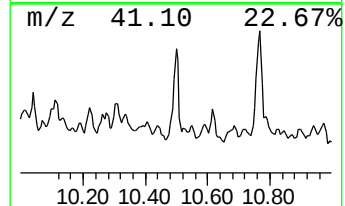
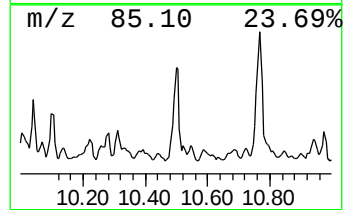
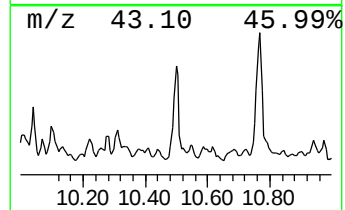
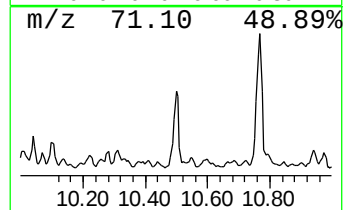
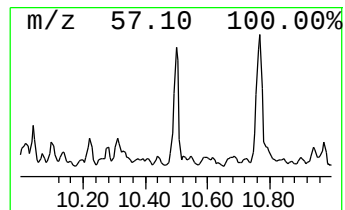
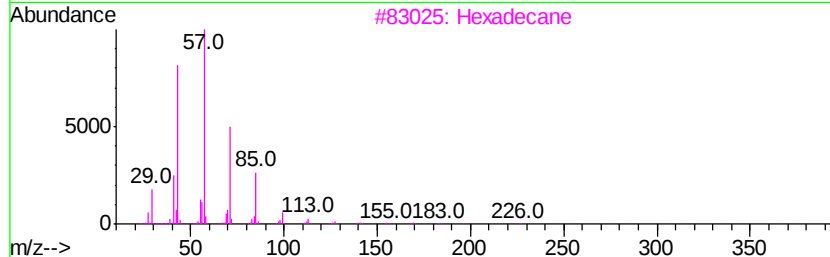
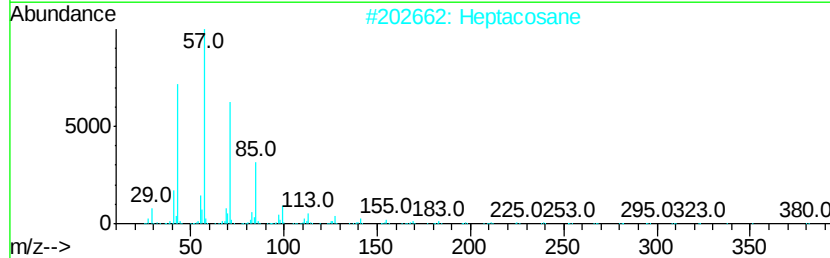
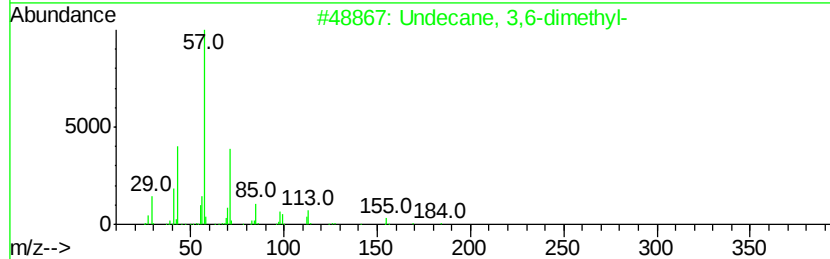
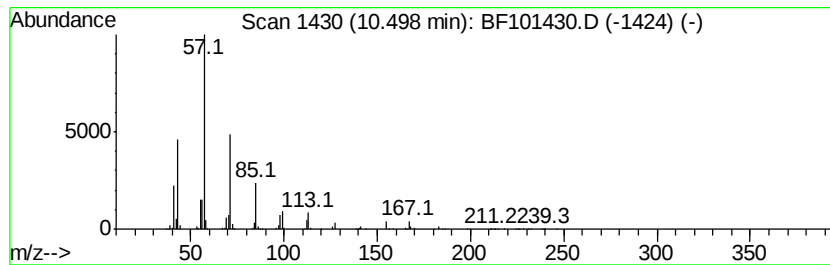
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.50	137.35 ng	4076390	Acenaphthene-d10	9.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	80
2		Heptacosane	380	C27H56	000593-49-7	78
3		Hexadecane	226	C16H34	000544-76-3	59
4		Tridecane, 2-methyl-	198	C14H30	001560-96-9	59
5		Tridecane, 5-propyl-	226	C16H34	055045-11-9	53



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121417\
Data File : BF101430.D
Acq On : 15 Dec 2017 8:18
Operator : SJ/JU
Sample : I6830-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MAP-3-E(12-13)

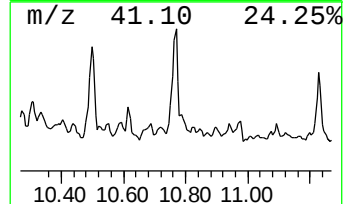
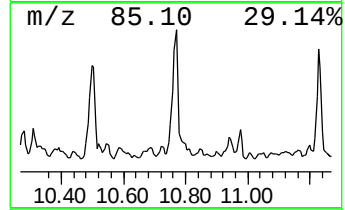
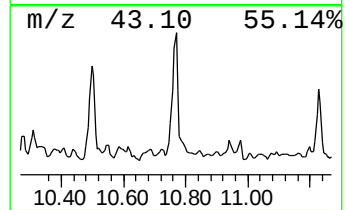
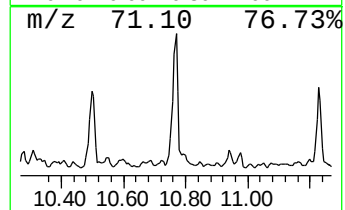
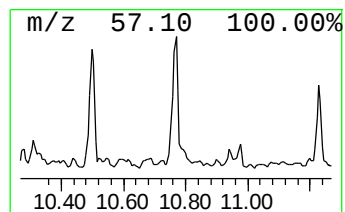
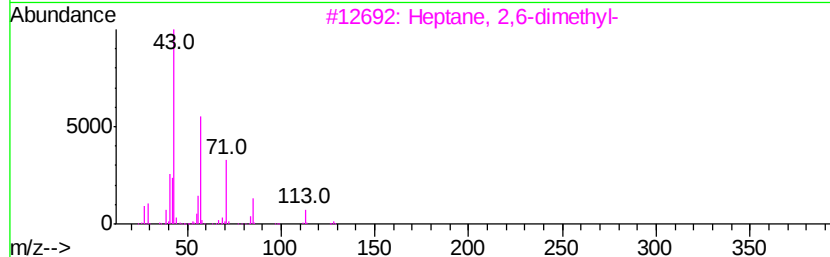
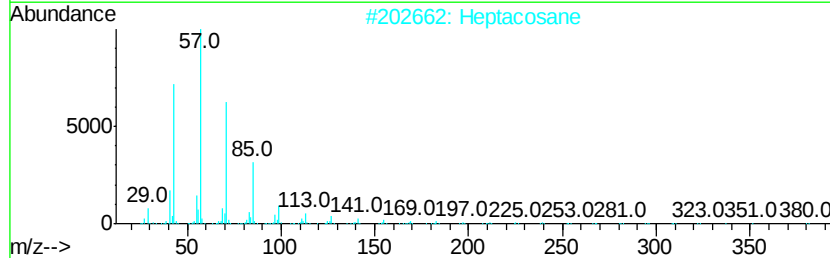
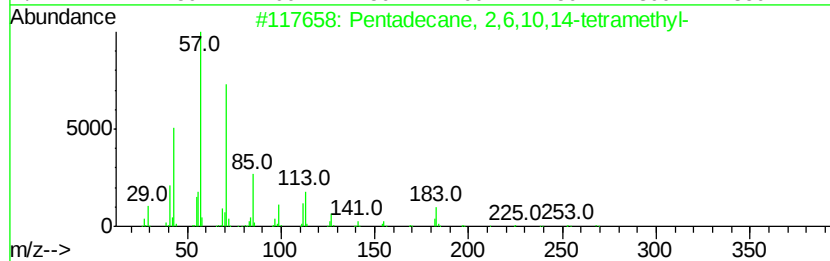
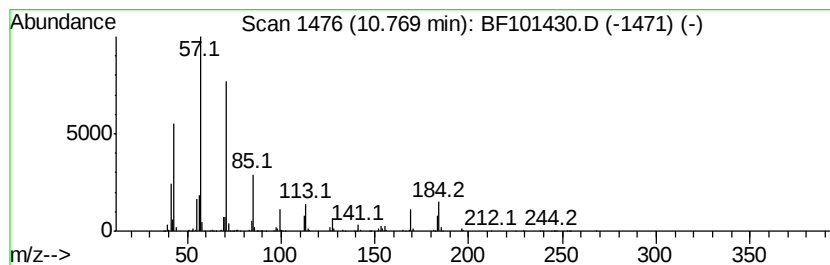
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Pentadecane, 2,6,10,14-tetr... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	72.15 ng	4871560	Phenanthrene-d10	11.35

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	80
2		Heptacosane	380	C27H56	000593-49-7	72
3		Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	68
4		Hexadecane, 2,6,10-trimethyl-	268	C19H40	055000-52-7	68
5		Bacchotricuneatin c	342	C20H22O5	066563-30-2	64



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF121417\
Data File : BF101430.D
Acq On : 15 Dec 2017 8:18
Operator : SJ/JU
Sample : I6830-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MAP-3-E(12-13)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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
unknown7.46	7.46	39.1	ng	2317550	2	8.10	1185640	20.0
Decane, 3,6-dimet...	7.52	40.1	ng	2377260	2	8.10	1185640	20.0
Undecane, 2,6-dim...	8.15	62.5	ng	3705850	2	8.10	1185640	20.0
unknown8.39	8.39	39.3	ng	2329250	2	8.10	1185640	20.0
Nonane, 3-methyl-	8.52	52.7	ng	3122230	2	8.10	1185640	20.0
Cyclohexane, propyl-	9.00	52.9	ng	1569460	3	9.86	593559	20.0
unknown9.05	9.05	36.2	ng	1073700	3	9.86	593559	20.0
Dodecane, 2,6,10-...	9.12	98.3	ng	2917210	3	9.86	593559	20.0
Naphthalene, 2,6-...	9.44	81.0	ng	2404150	3	9.86	593559	20.0
Naphthalene, 1,4-...	9.64	38.2	ng	1134340	3	9.86	593559	20.0
Naphthalene, 2,3,...	9.96	63.1	ng	1872640	3	9.86	593559	20.0
Naphthalene, 1,6,...	10.00	44.7	ng	1325850	3	9.86	593559	20.0
Naphthalene, 1,4,...	10.21	63.2	ng	1875000	3	9.86	593559	20.0
Undecane, 3,6-dim...	10.50	137.3	ng	4076390	3	9.86	593559	20.0
Pentadecane, 2,6,...	10.77	72.2	ng	4871560	4	11.35	1350390	20.0