

Data Path : U:\HPCHEM1\BNA_F\DATA\BF020318\
 Data File : BF102718.D
 Acq On : 3 Feb 2018 15:48
 Operator : SJ/JU
 Sample : J1413-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-1

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-BF020318.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	3.828	289	296	309	rBV	282274	595698	3.18%	0.643%
2	3.940	309	315	323	rVB	743720	983660	5.26%	1.062%
3	5.487	572	578	581	rBV	4373551	4717903	25.22%	5.096%
4	6.163	689	693	697	rVB	6114495	6568321	35.11%	7.095%
5	6.328	714	721	724	rBV3	321404	380791	2.04%	0.411%
6	6.404	731	734	737	rBV	216829	200570	1.07%	0.217%
7	6.498	742	750	754	rBV	4023009	4767934	25.48%	5.150%
8	6.587	761	765	768	rVB	3138260	2795344	14.94%	3.019%
9	6.645	768	775	778	rVV	4490338	4649675	24.85%	5.022%
10	6.710	782	786	789	rBV2	604882	583040	3.12%	0.630%
11	6.875	810	814	821	rBV	1220441	1180221	6.31%	1.275%
12	6.969	821	830	832	rBV	9427921	18709948	100.00%	20.209%
13	6.992	832	834	837	rVV	940318	882666	4.72%	0.953%
14	7.034	837	841	845	rVB	3168397	2906751	15.54%	3.140%
15	7.345	890	894	901	rVV	1015895	1348920	7.21%	1.457%
16	7.416	903	906	907	rVV	456042	457157	2.44%	0.494%
17	7.439	907	910	913	rVV	2915736	2731564	14.60%	2.950%
18	7.469	913	915	919	rVV	590539	487479	2.61%	0.527%
19	7.522	919	924	927	rVB3	220839	297359	1.59%	0.321%
20	7.687	950	952	955	rVB	322382	240734	1.29%	0.260%
21	7.857	980	981	986	rVB3	155874	197958	1.06%	0.214%
22	7.904	986	989	992	rBV2	365830	319876	1.71%	0.346%
23	8.063	1013	1016	1019	rBV2	368689	322989	1.73%	0.349%
24	8.098	1019	1022	1027	rVV4	194785	366722	1.96%	0.396%
25	8.139	1027	1029	1030	rVV	601644	451179	2.41%	0.487%
26	8.157	1030	1032	1034	rVV	1623660	1388277	7.42%	1.500%
27	8.181	1034	1036	1039	rVV	2623934	2344469	12.53%	2.532%
28	8.216	1039	1042	1045	rVB	308362	279917	1.50%	0.302%
29	8.434	1076	1079	1081	rVV2	206088	226707	1.21%	0.245%
30	8.451	1081	1082	1087	rVV4	190610	214032	1.14%	0.231%
31	8.575	1100	1103	1105	rBV	316447	266389	1.42%	0.288%
32	8.745	1129	1132	1135	rVB	546473	414847	2.22%	0.448%
33	8.981	1167	1172	1174	rBV2	289842	293917	1.57%	0.317%
34	9.116	1190	1195	1199	rBV6	174536	326728	1.75%	0.353%

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35	9.175	1203	1205	1208	rVV2	254187	211491	1.13%	0.228%
36	9.233	1211	1215	1218	rBV	3671895	3107553	16.61%	3.357%
37	9.310	1225	1228	1234	rBV2	778598	898093	4.80%	0.970%
38	9.463	1251	1254	1257	rBV4	136281	224313	1.20%	0.242%
39	9.551	1266	1269	1270	rBV3	182778	191240	1.02%	0.207%
40	9.569	1270	1272	1274	rVV2	268604	263072	1.41%	0.284%
41	9.592	1274	1276	1279	rVB3	257883	226204	1.21%	0.244%
42	9.622	1279	1281	1285	rBV2	1018673	1361500	7.28%	1.471%
43	9.657	1285	1287	1290	rVV2	301348	295392	1.58%	0.319%
44	9.692	1290	1293	1295	rVV3	295106	336324	1.80%	0.363%
45	9.710	1295	1296	1298	rVB	294522	210855	1.13%	0.228%
46	9.786	1305	1309	1311	rBV4	588597	723315	3.87%	0.781%
47	9.828	1313	1316	1318	rBV2	813159	794980	4.25%	0.859%
48	9.916	1324	1331	1334	rVB2	1413881	1834542	9.81%	1.982%
49	9.951	1334	1337	1340	rBV3	341753	471752	2.52%	0.510%
50	10.016	1346	1348	1351	rBV4	280041	298734	1.60%	0.323%
51	10.075	1356	1358	1359	rBV	257658	203424	1.09%	0.220%
52	10.169	1371	1374	1377	rBV3	443678	548454	2.93%	0.592%
53	10.233	1382	1385	1387	rBV3	366598	469659	2.51%	0.507%
54	10.286	1391	1394	1396	rBV3	454995	517584	2.77%	0.559%
55	10.310	1396	1398	1402	rVV2	1326961	1791830	9.58%	1.935%
56	10.345	1402	1404	1406	rVB	811619	585824	3.13%	0.633%
57	10.569	1438	1442	1448	rVB	979251	1148511	6.14%	1.241%
58	10.616	1448	1450	1453	rVB2	381771	305320	1.63%	0.330%
59	10.704	1460	1465	1472	rBV3	1530064	2292316	12.25%	2.476%
60	10.833	1482	1487	1494	rBV	1991529	2949012	15.76%	3.185%
61	11.269	1559	1561	1563	rBV2	588983	578654	3.09%	0.625%
62	11.298	1563	1566	1572	rVB	2732476	3296661	17.62%	3.561%
63	11.404	1581	1584	1589	rBV	1144595	1351017	7.22%	1.459%
64	11.651	1623	1626	1629	rVB	1286447	1091199	5.83%	1.179%
65	12.086	1698	1700	1703	rVB	1245699	1101619	5.89%	1.190%

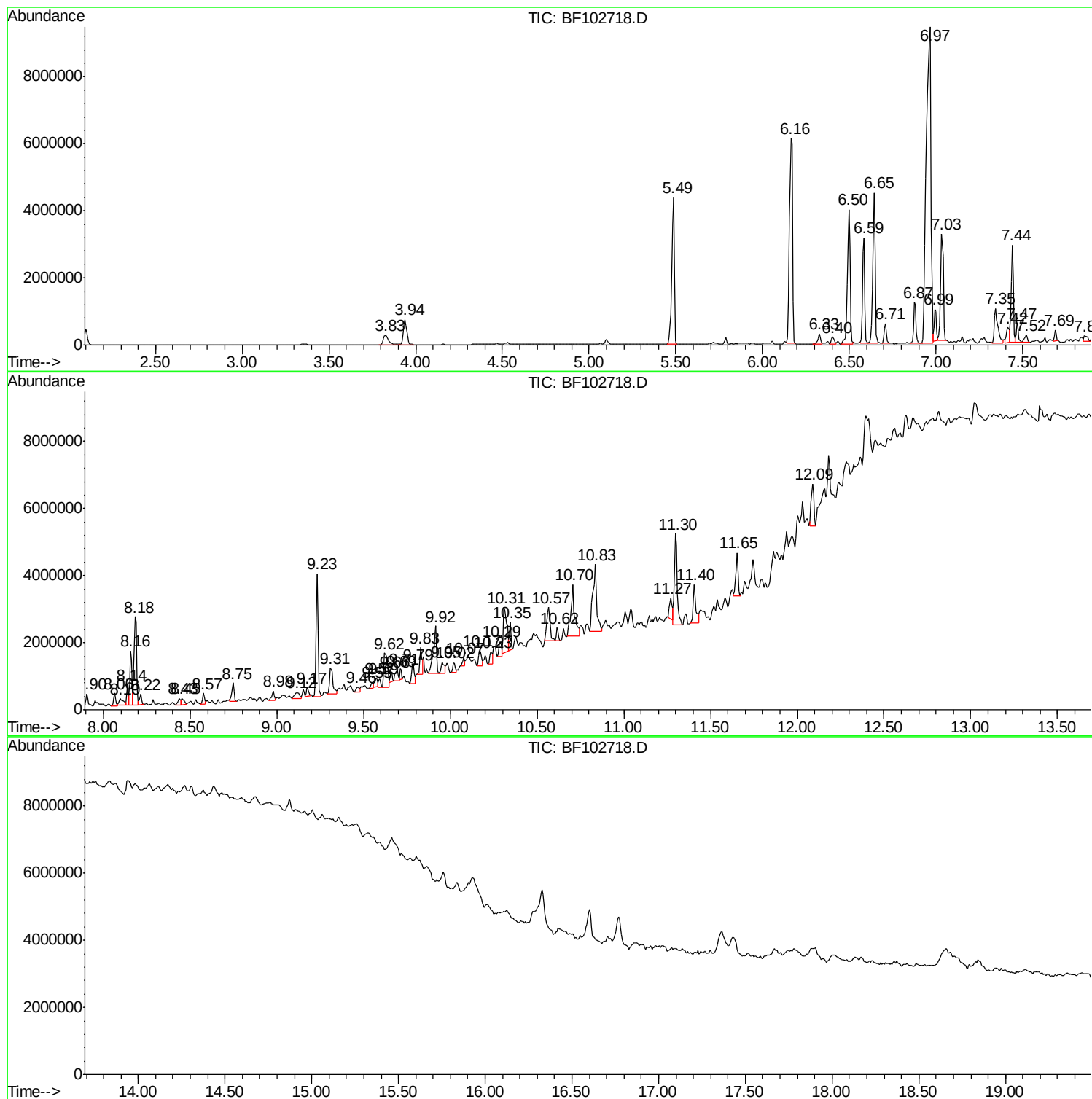
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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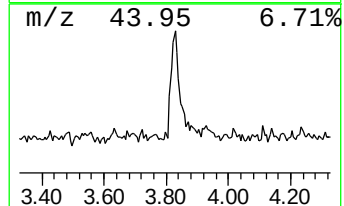
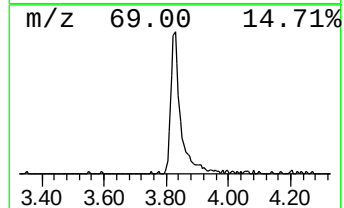
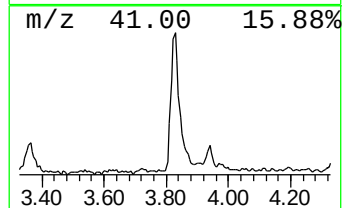
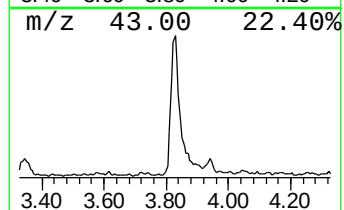
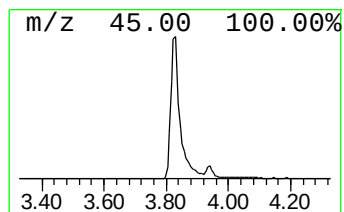
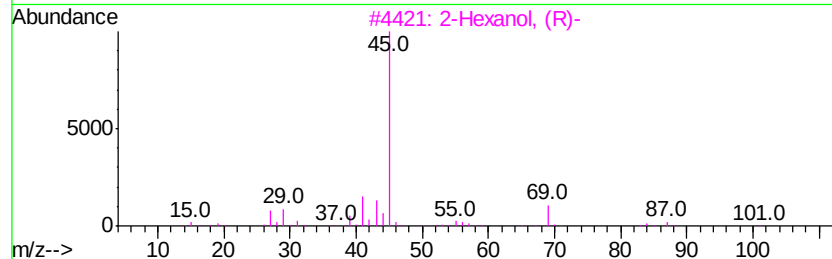
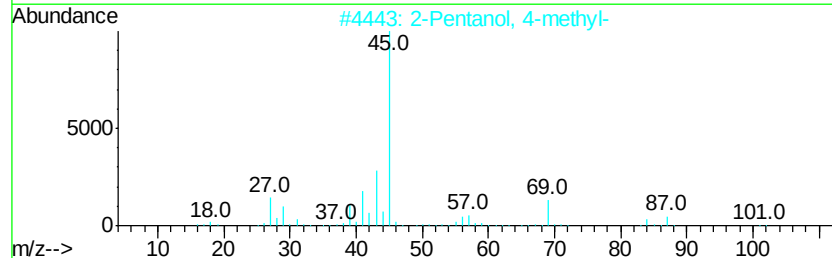
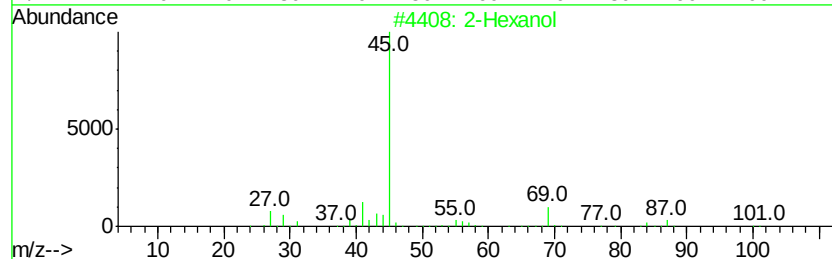
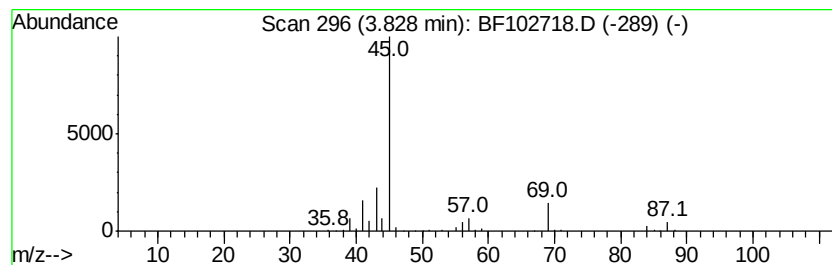
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Hexanol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.83	10.09 ng	595698	1,4-Dichlorobenzene-d4	6.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Hexanol	102	C6H14O	000626-93-7	83
2		2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	83
3		2-Hexanol, (R)-	102	C6H14O	026549-24-6	64
4		2-Hexanol, (S)-	102	C6H14O	052019-78-0	64
5		(+)-5-Methyl-2-hexanol	116	C7H16O	111768-09-3	50



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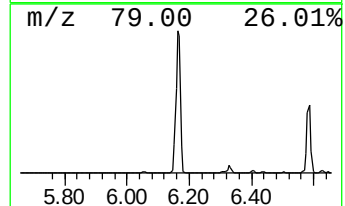
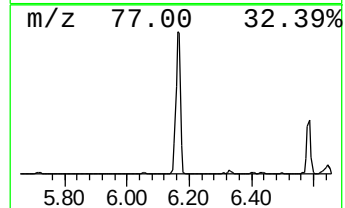
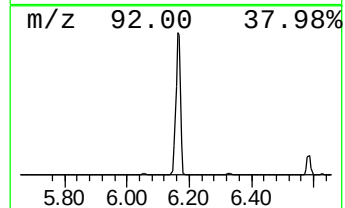
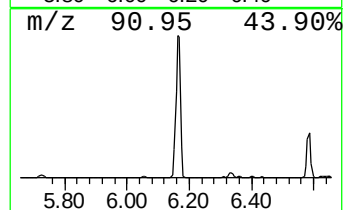
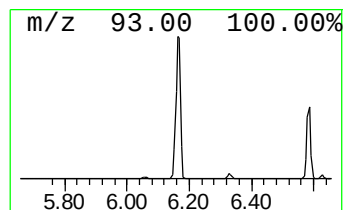
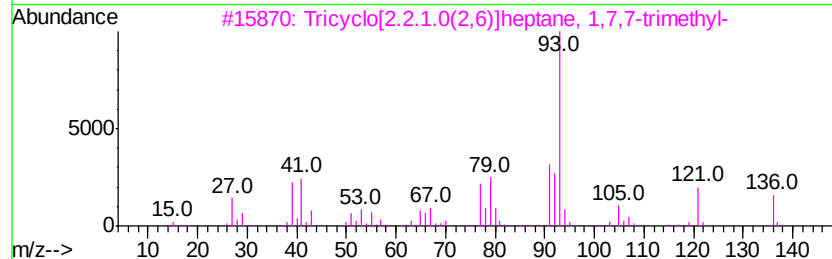
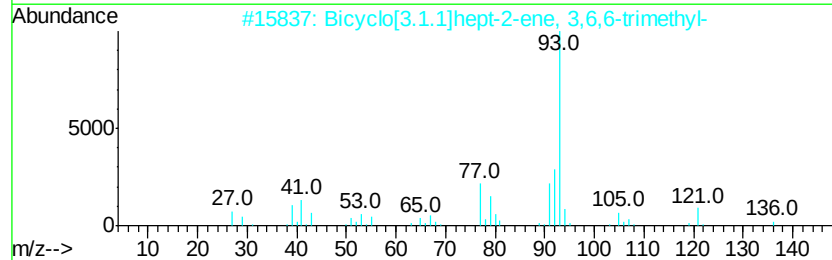
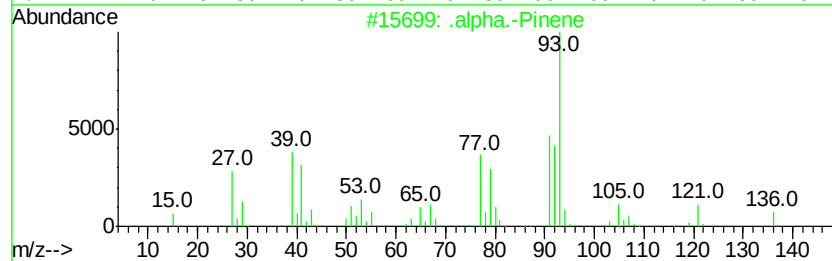
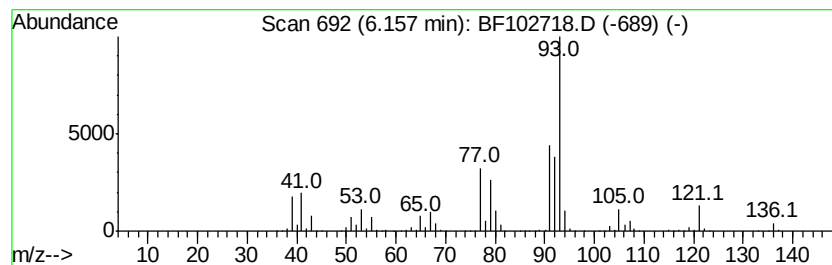
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 .alpha.-Pinene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.16	111.31 ng	6568320	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Pinene	136	C10H16	000080-56-8	94
2	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	94
3	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	91
4	(+)-3-Carene	136	C10H16	000498-15-7	91
5	3-Carene	136	C10H16	013466-78-9	91



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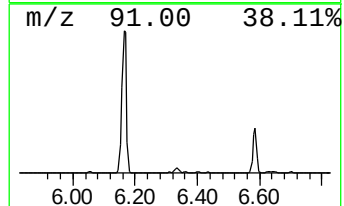
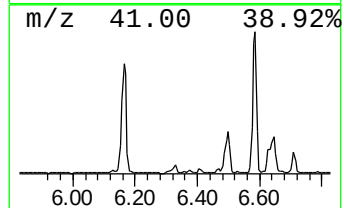
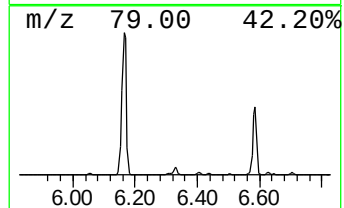
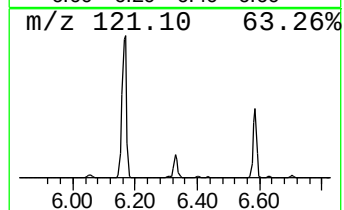
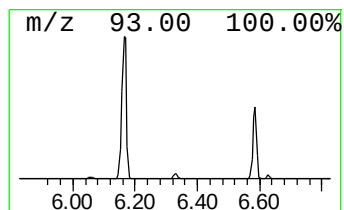
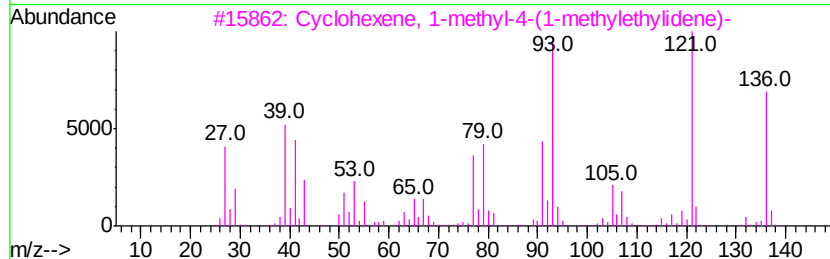
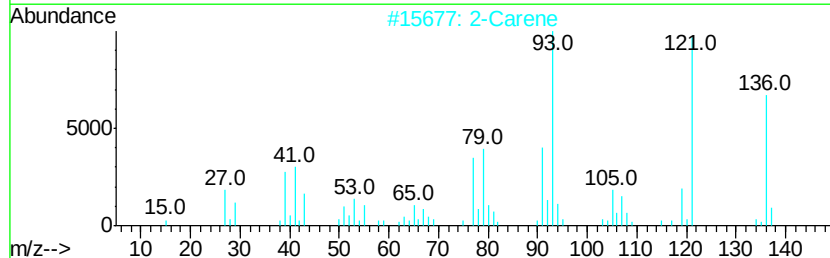
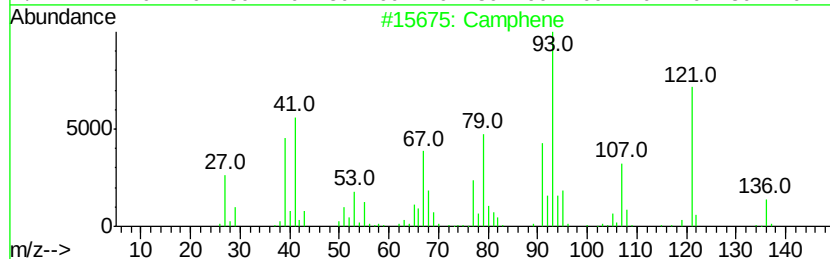
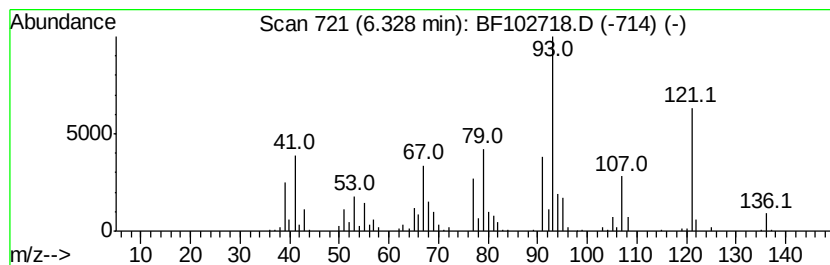
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Camphene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.33	6.45 ng	380791	1,4-Dichlorobenzene-d4	6.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Camphene	136	C10H16	000079-92-5	94
2			2-Carene	136	C10H16	000554-61-0	87
3			Cyclohexene, 1-methyl-4-(1-methyl...	136	C10H16	000586-62-9	80
4			Bicyclo[2.2.1]heptane, 2,2-dimet...	136	C10H16	005794-04-7	78
5			1,3,6-Heptatriene, 2,5,5-trimethyl-	136	C10H16	029548-02-5	68



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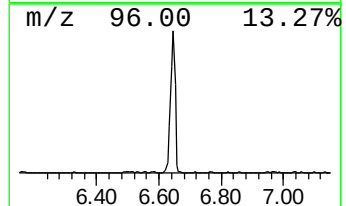
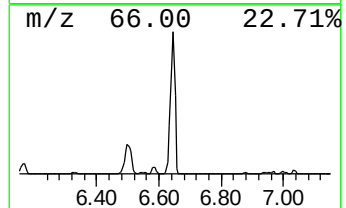
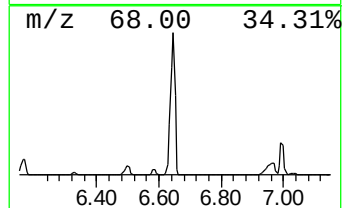
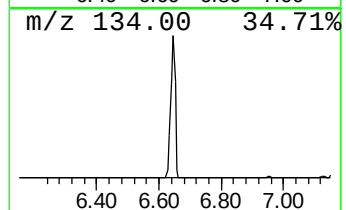
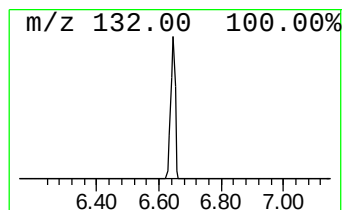
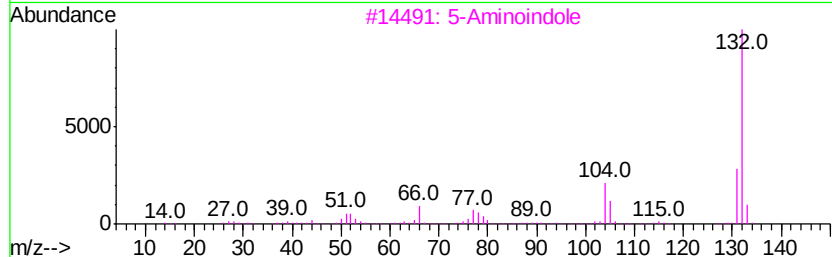
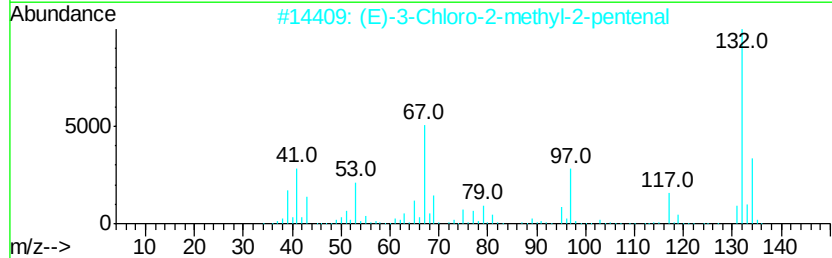
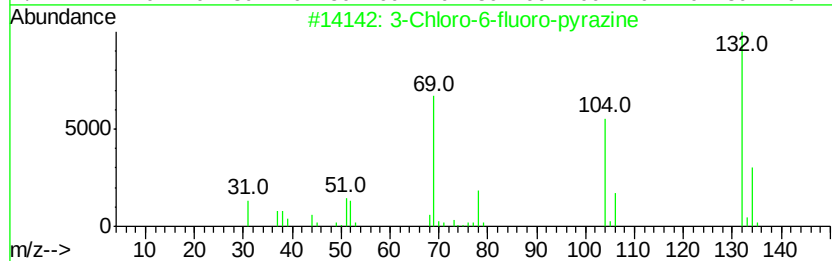
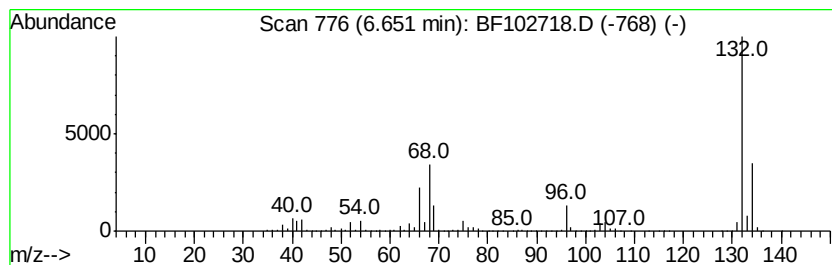
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 unknown6.65 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	78.79 ng	4649680	1,4-Dichlorobenzene-d4	6.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27	
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16	
3	5-Aminoindole	132	C8H8N2	005192-03-0	12	
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10	
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9	



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SOIL-1

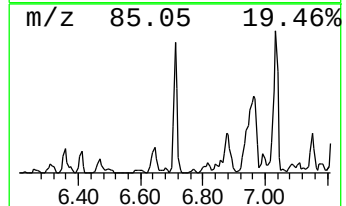
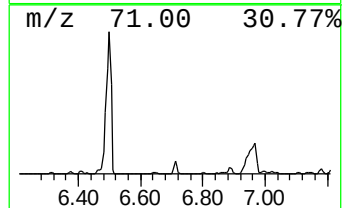
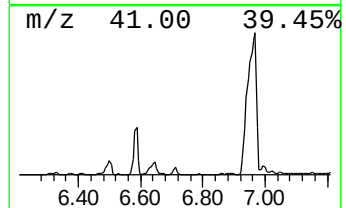
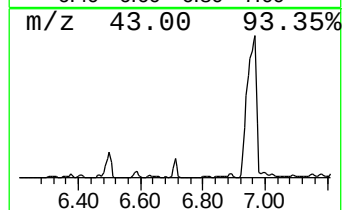
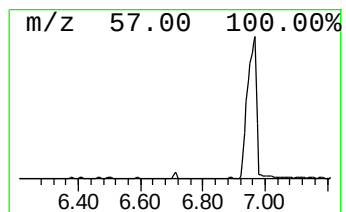
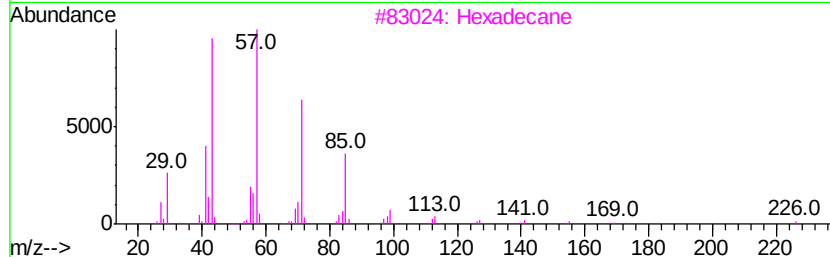
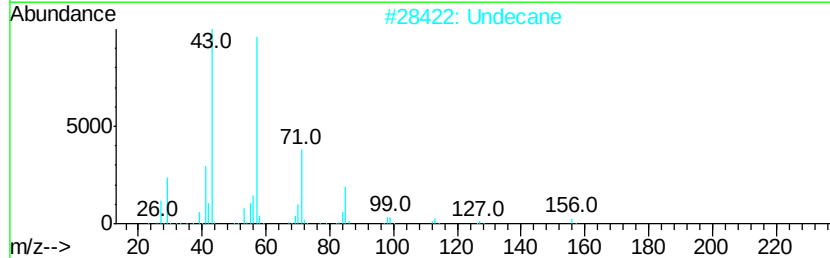
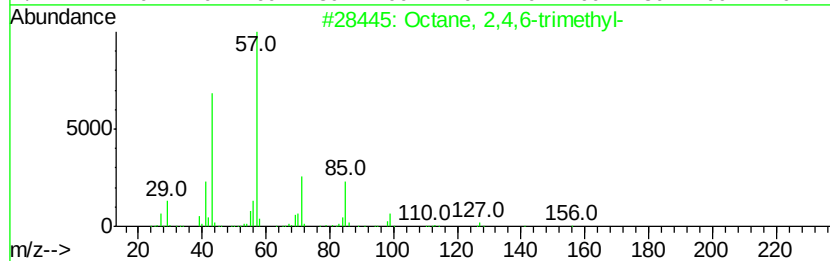
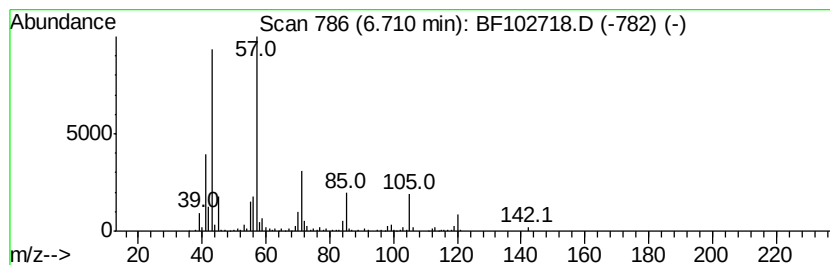
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Octane, 2,4,6-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.71	9.88 ng	583040	1,4-Dichlorobenzene-d4	6.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	59
2			Undecane	156	C11H24	001120-21-4	59
3			Hexadecane	226	C16H34	000544-76-3	53
4			1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	53
5			Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	50



Data Path : U:\HPCHEM1\BNA F\DATA\BF020318\
Data File : BF102718.D
Acq On : 3 Feb 2018 15:48
Operator : SJ/JU
Sample : J1413-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

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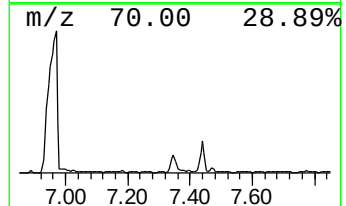
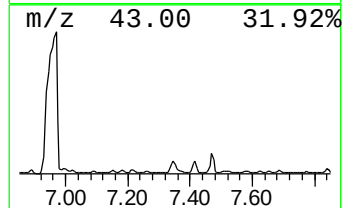
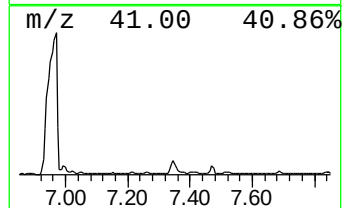
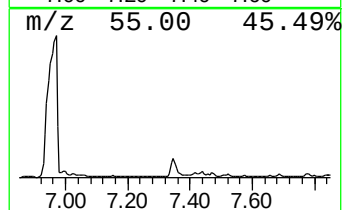
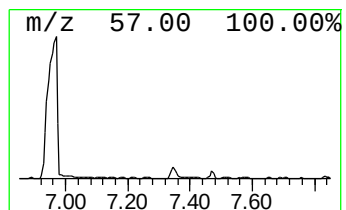
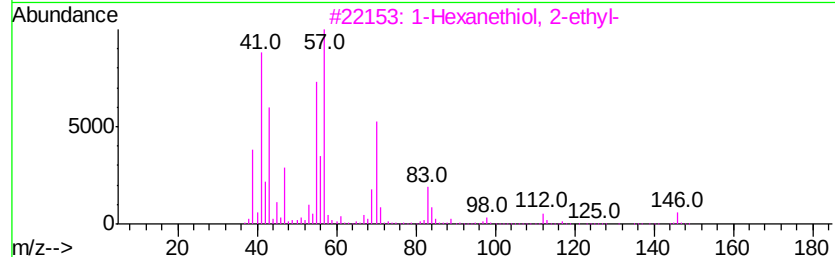
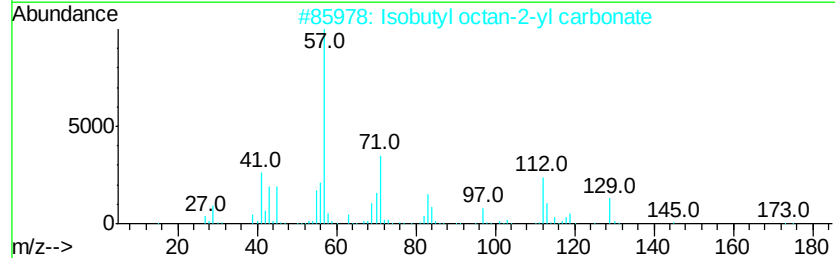
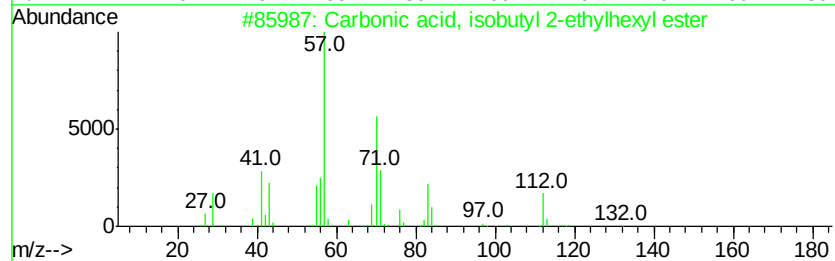
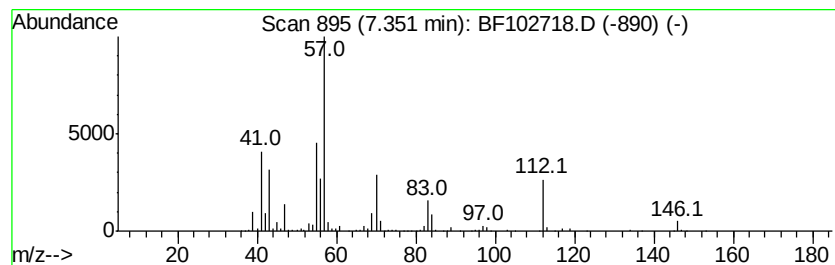
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Carbonic acid, isobutyl 2-e... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.35	22.86 ng	1348920	1,4-Dichlorobenzene-d4	6.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Carbonic acid, isobutyl 2-ethylh...	230	C13H26O3	1000357-82-9	64
2		Isobutyl octan-2-yl carbonate	230	C13H26O3	1000372-74-7	53
3		1-Hexanethiol, 2-ethyl-	146	C8H18S	007341-17-5	52
4		Carbonic acid, butyl 2-ethylhexyl...	230	C13H26O3	1000357-84-4	42
5		1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	38



Data Path : U:\HPCHEM1\BNA F\DATA\BF020318\
Data File : BF102718.D
Acq On : 3 Feb 2018 15:48
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Sample : J1413-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

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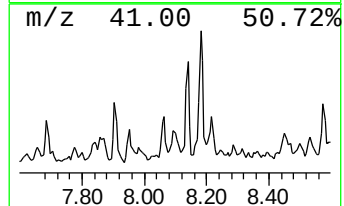
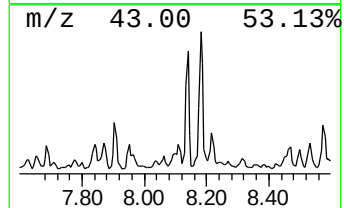
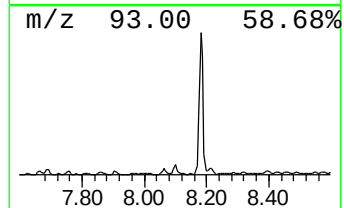
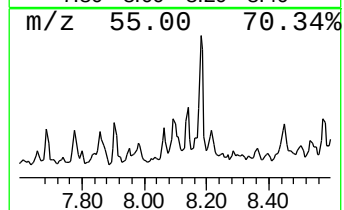
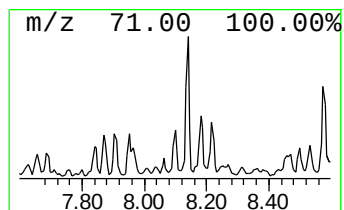
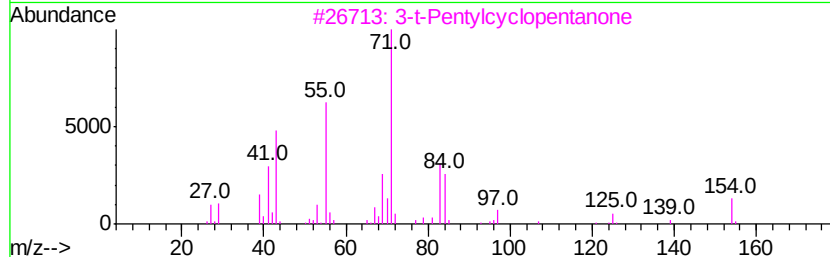
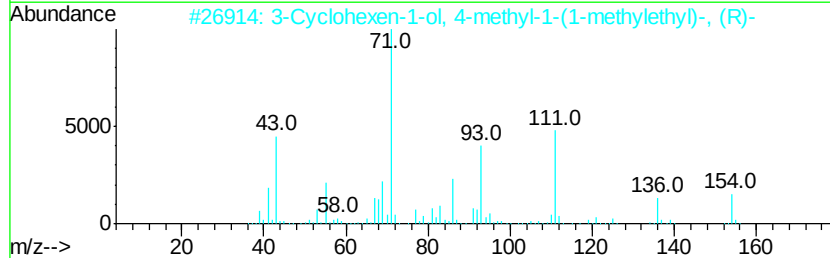
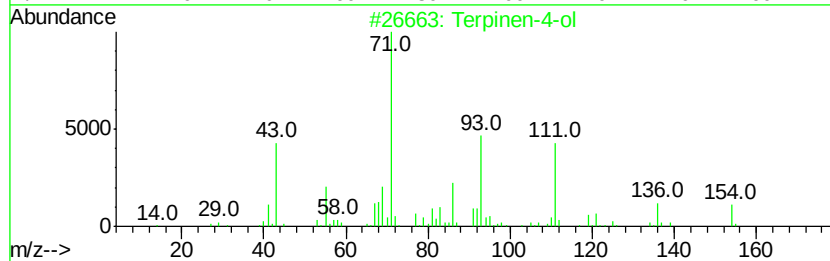
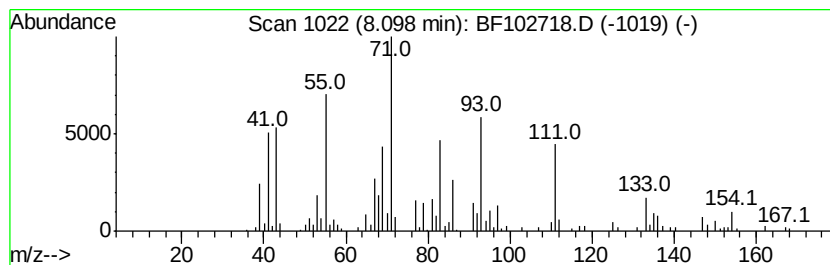
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Terpinen-4-ol Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.10	5.28 ng	366722	Naphthalene-d8	8.16

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Terpinen-4-ol	154	C10H18O	000562-74-3	90
2		3-Cyclohexen-1-ol, 4-methyl-1-(1-methylethyl)-, (R)-	154	C10H18O	020126-76-5	58
3		3-t-Pentylcyclopentanone	154	C10H18O	1000114-66-3	35
4		5-Hepten-3-one, 5-ethyl-2-methyl-	154	C10H18O	049833-97-8	35
5		2-Buten-1-ol, 3-methyl-	86	C5H10O	000556-82-1	30



Data Path : U:\HPCHEM1\BNA_F\DATA\BF020318\
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Acq On : 3 Feb 2018 15:48
Operator : SJ/JU
Sample : J1413-04
Misc :
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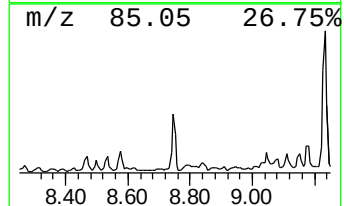
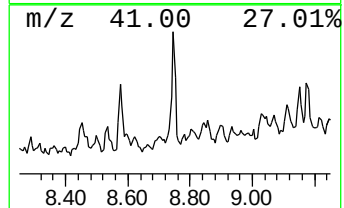
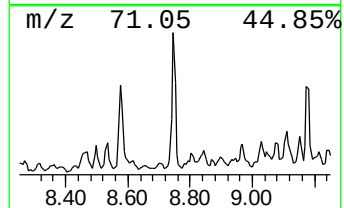
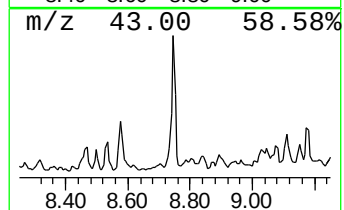
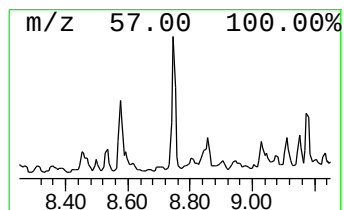
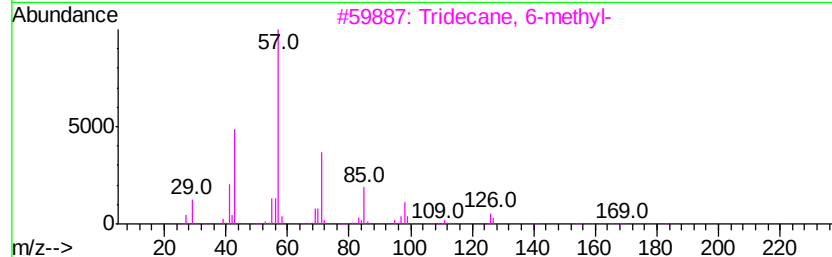
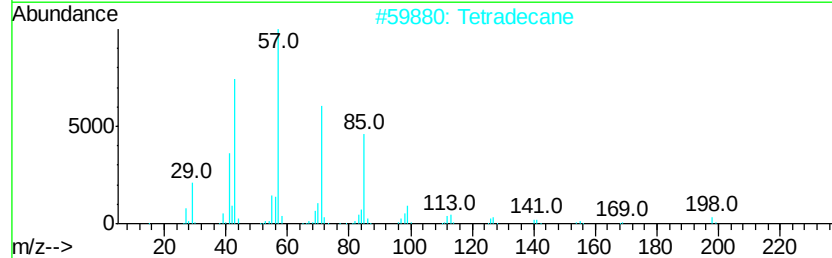
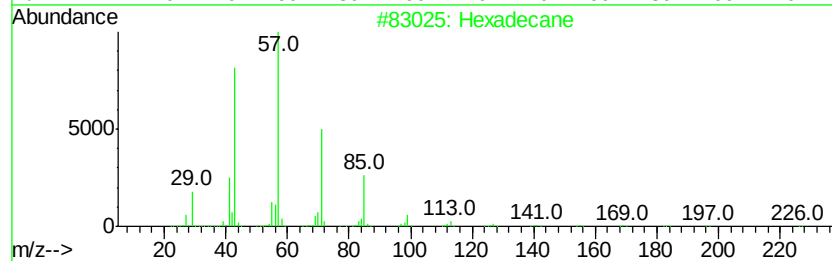
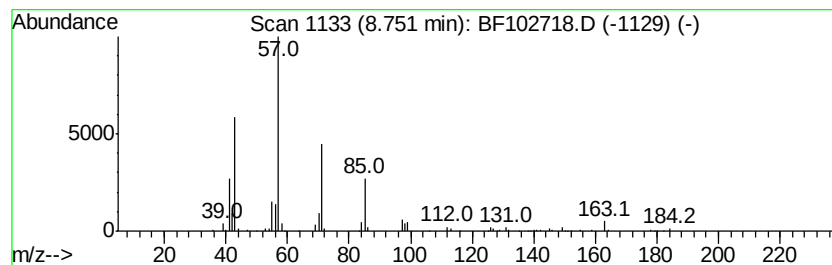
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Hexadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.75	5.98 ng	414847	Napthalene-d8	8.16	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	78
2	Tetradecane	198	C14H30	000629-59-4	78
3	Tridecane, 6-methyl-	198	C14H30	013287-21-3	64
4	Nonane, 5-butyl-	184	C13H28	017312-63-9	64
5	Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	59



Data Path : U:\HPCHEM1\BNA_F\DATA\BF020318\
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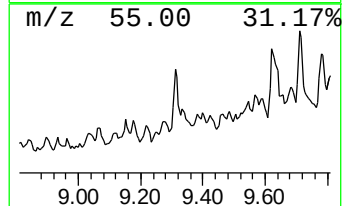
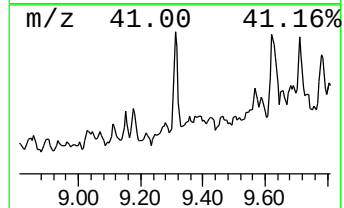
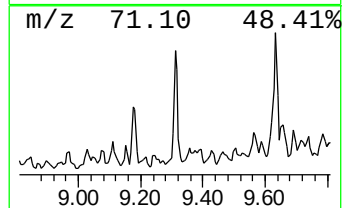
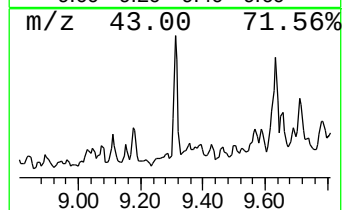
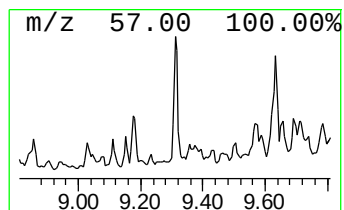
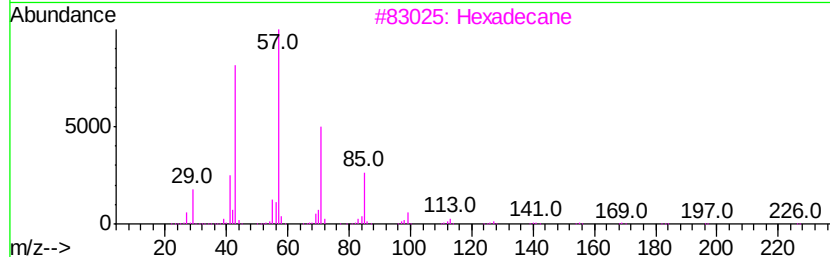
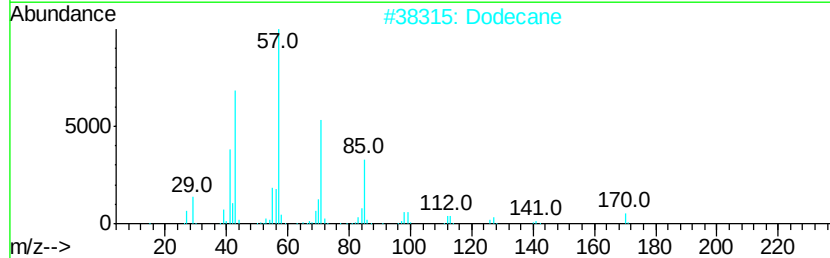
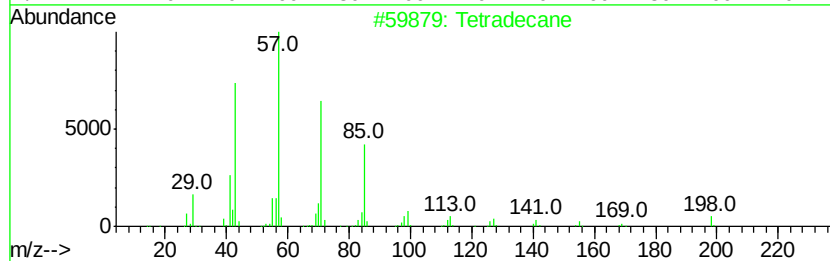
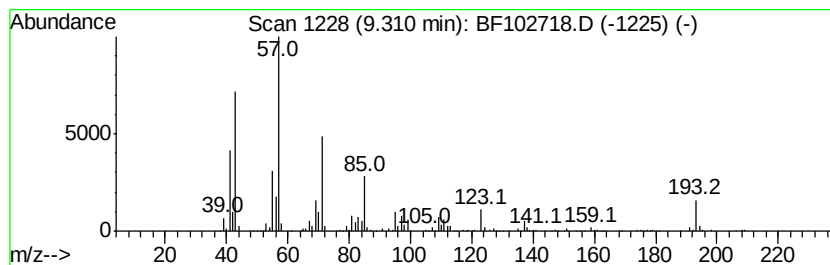
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Tetradecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.31	9.79 ng	898093	Acenaphthene-d10	9.92
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Tetradecane	198 C14H30	000629-59-4 60
2		Dodecane	170 C12H26	000112-40-3 49
3		Hexadecane	226 C16H34	000544-76-3 49
4		Pentadecane	212 C15H32	000629-62-9 47
5		Tridecane	184 C13H28	000629-50-5 47



Data Path : U:\HPCHEM1\BNA_F\DATA\BF020318\
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Sample : J1413-04
Misc :
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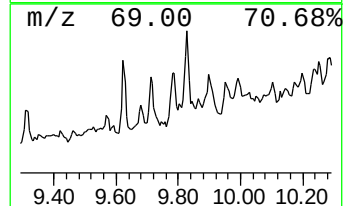
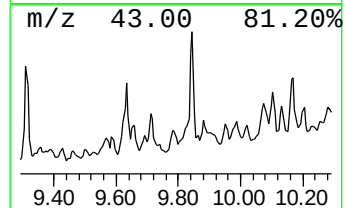
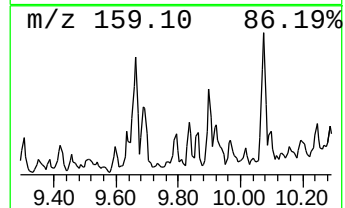
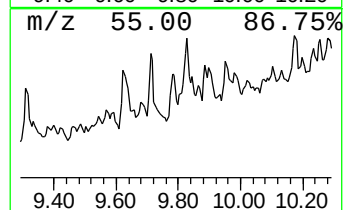
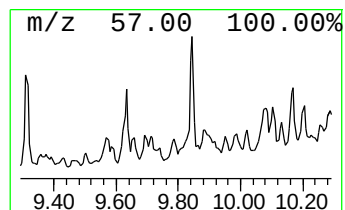
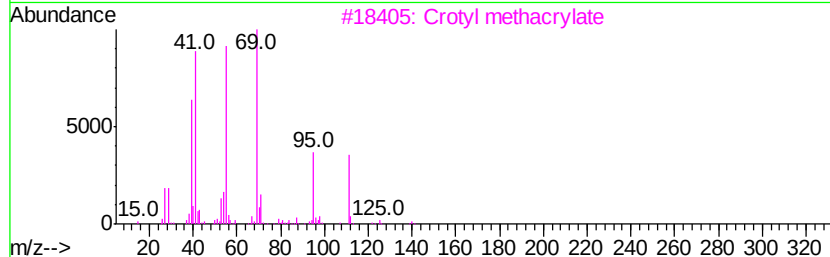
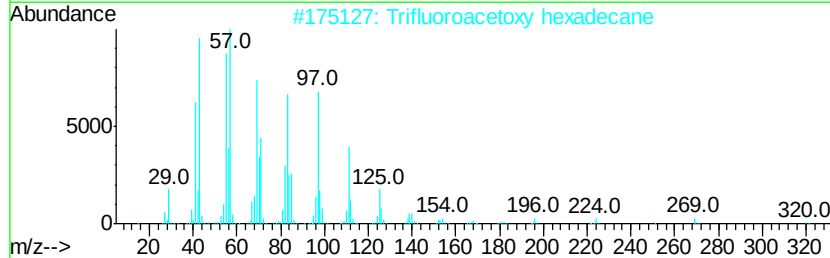
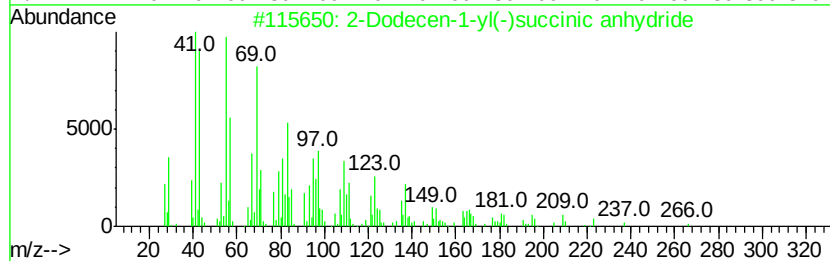
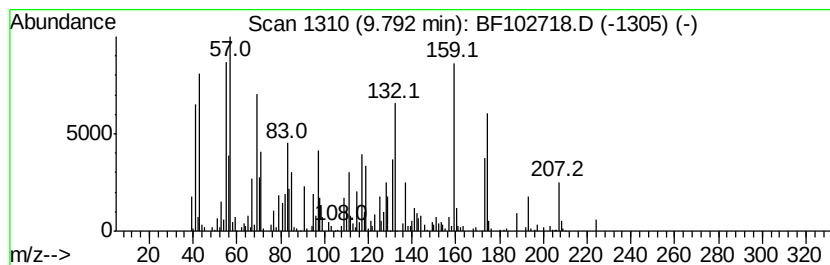
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown9.79 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.79	7.89 ng	723315	Acenaphthene-d10	9.92
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		2-Dodecen-1-yl(-)succinic anhydride	266 C16H26O3	019780-11-1 49
2		Trifluoroacetoxy hexadecane	338 C18H33F3O2	006222-03-3 41
3		Crotyl methacrylate	140 C8H12O2	007376-45-6 38
4		Cyclopentane, 1-pentyl-2-propyl-	182 C13H26	062199-51-3 30
5		Cyclohexane, 1-(cyclohexylmethyl)-	208 C15H28	054934-92-8 30



Data Path : U:\HPCHEM1\BNA F\DATA\BF020318\
Data File : BF102718.D
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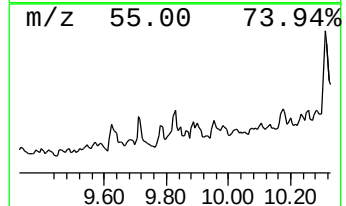
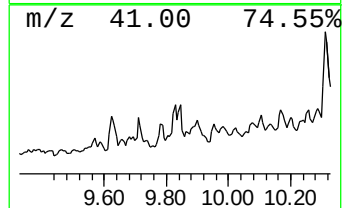
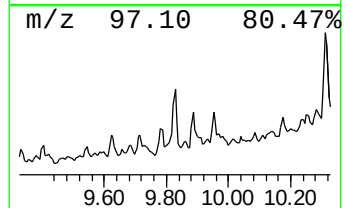
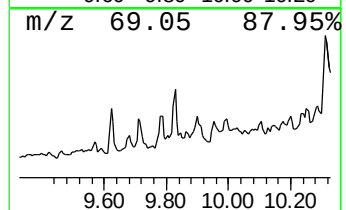
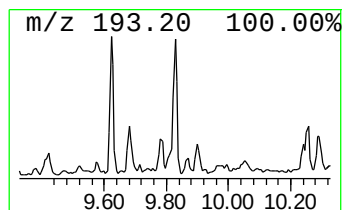
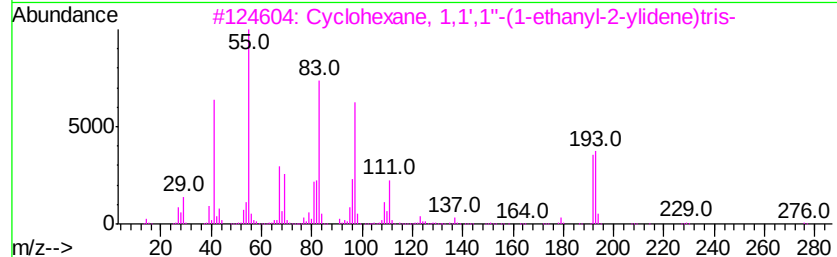
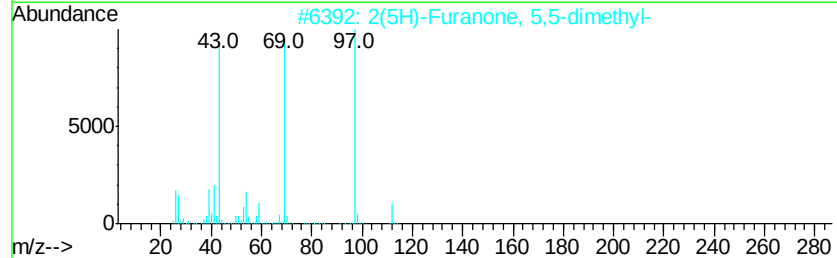
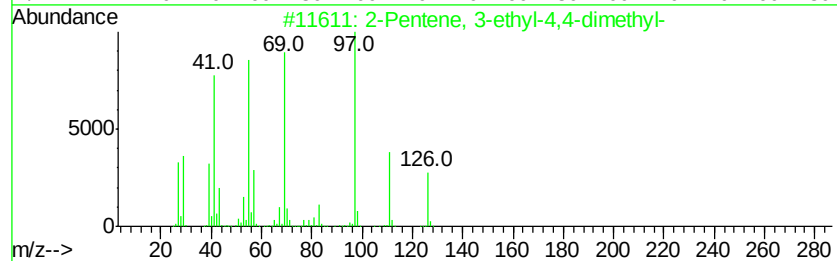
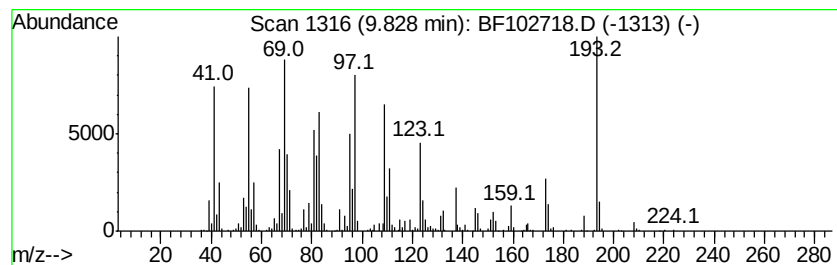
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown9.83 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.83	8.67 ng	794980	Acenaphthene-d10	9.92

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentene, 3-ethyl-4,4-dimethyl-	126	C9H18	053907-59-8	27
2			2(5H)-Furanone, 5,5-dimethyl-	112	C6H8O2	020019-64-1	22
3			Cyclohexane, 1,1',1''-(1-ethanyl...	276	C20H36	055682-86-5	22
4			1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	22
5			2-n-Butylacrolein	112	C7H12O	001070-66-2	15



Data Path : U:\HPCHEM1\BNA F\DATA\BF020318\
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Acq On : 3 Feb 2018 15:48
Operator : SJ/JU
Sample : J1413-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

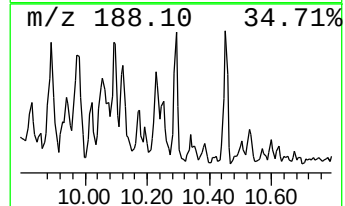
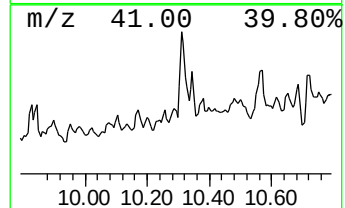
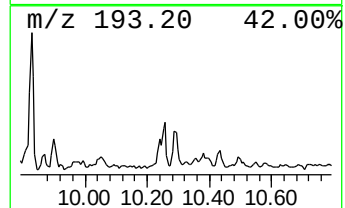
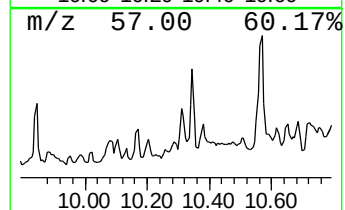
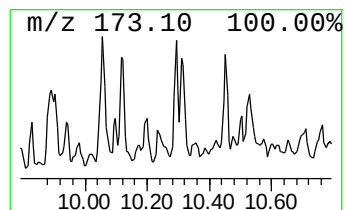
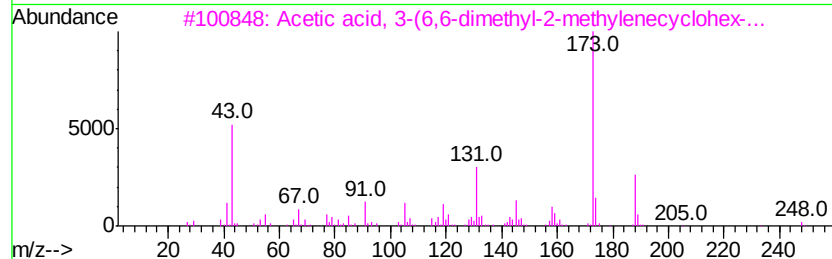
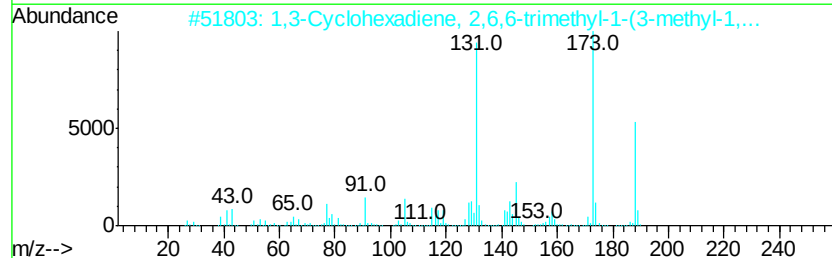
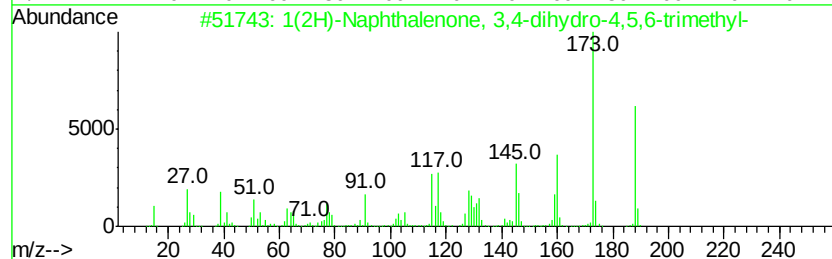
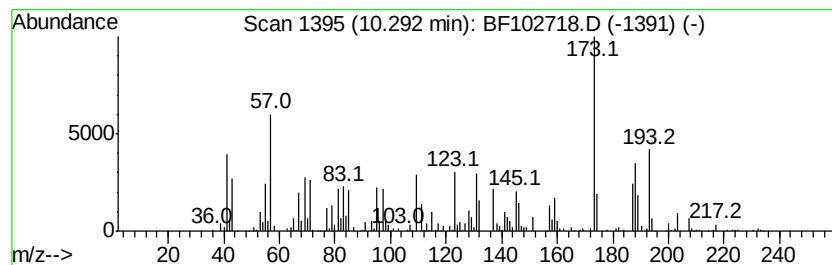
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown10.29 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.29	5.64 ng	517584	Acenaphthene-d10	9.92	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Naphthalenone, 3,4-dihydro...	188	C13H16O	030316-31-5	22
2	1,3-Cyclohexadiene, 2,6,6-trimet...	188	C14H20	052260-01-2	14
3	Acetic acid, 3-(6,6-dimethyl-2-m...	248	C16H24O2	1000188-18-1	14
4	1H-Inden-1-one, 2,3-dihydrotetra...	188	C13H16O	089907-33-5	14
5	Carbonic acid, monoamide, N-(2-e...	193	C11H15NO2	1000340-21-2	11



Data Path : U:\HPCHEM1\BNA F\DATA\BF020318\
Data File : BF102718.D
Acq On : 3 Feb 2018 15:48
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ClientSampleId :
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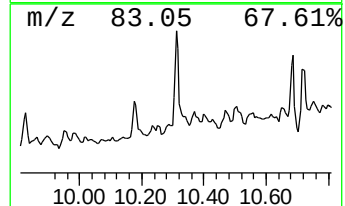
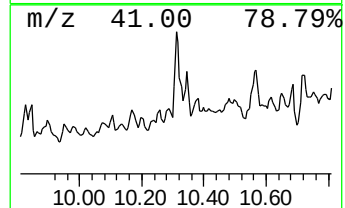
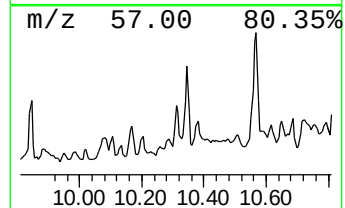
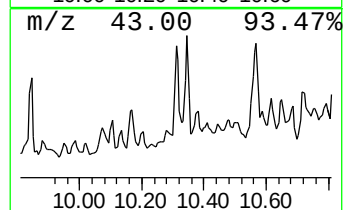
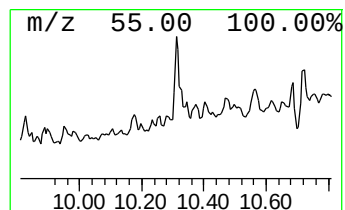
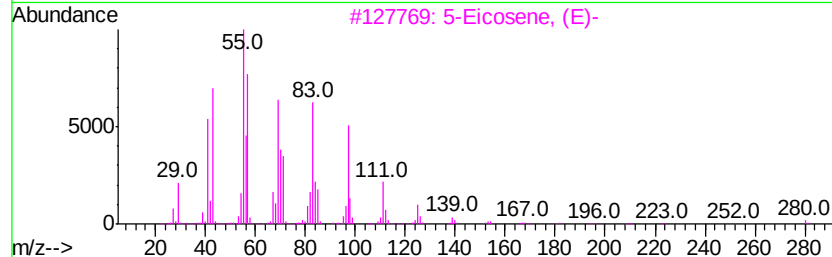
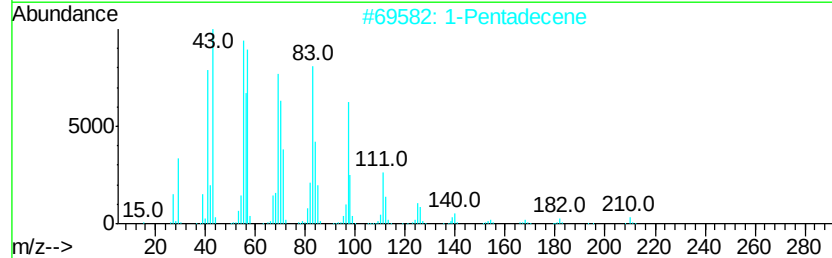
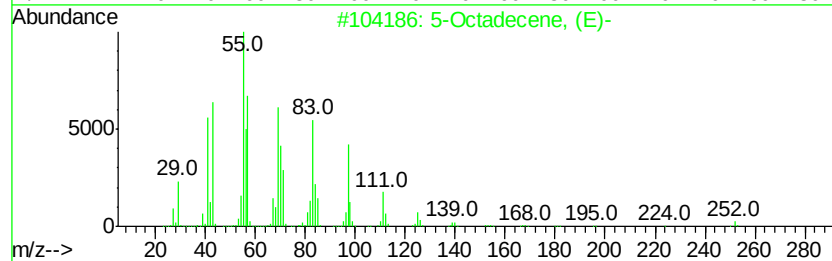
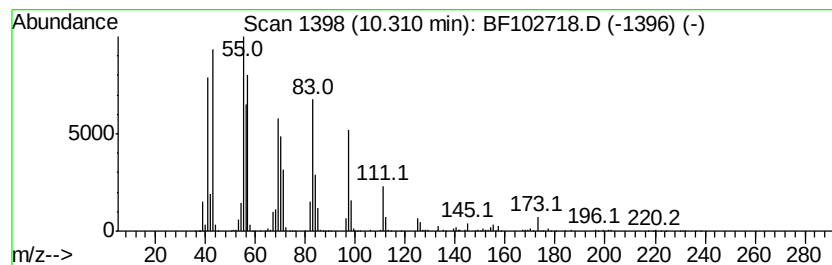
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 5-Octadecene, (E)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.31	19.53 ng	1791830	Acenaphthene-d10	9.92

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5-Octadecene, (E)-	252	C18H36	007206-21-5	91
2			1-Pentadecene	210	C15H30	013360-61-7	90
3			5-Eicosene, (E)-	280	C20H40	074685-30-6	90
4			1-Tridecene	182	C13H26	002437-56-1	83
5			Decyl trifluoroacetate	254	C12H21F3O2	000333-88-0	80



Data Path : U:\HPCHEM1\BNA F\DATA\BF020318\
Data File : BF102718.D
Acq On : 3 Feb 2018 15:48
Operator : SJ/JU
Sample : J1413-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

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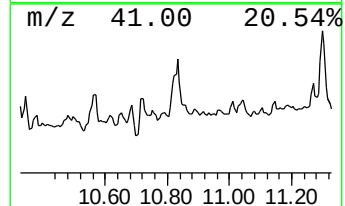
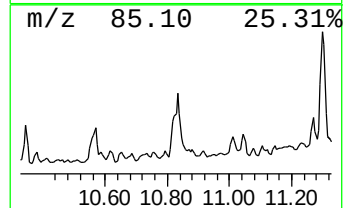
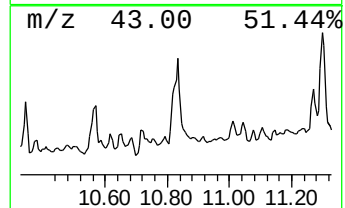
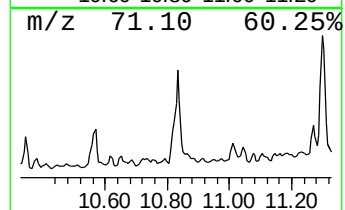
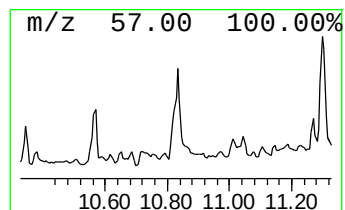
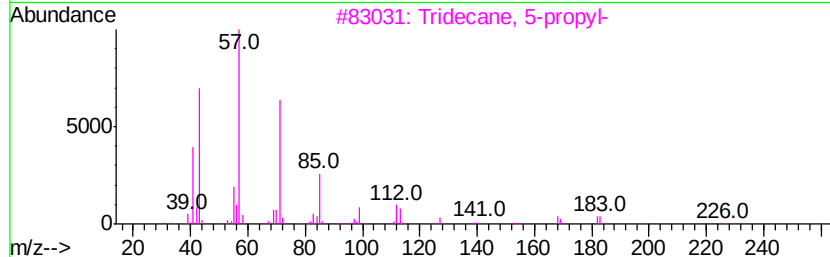
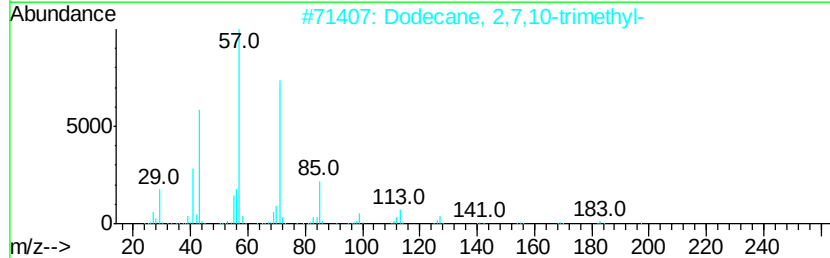
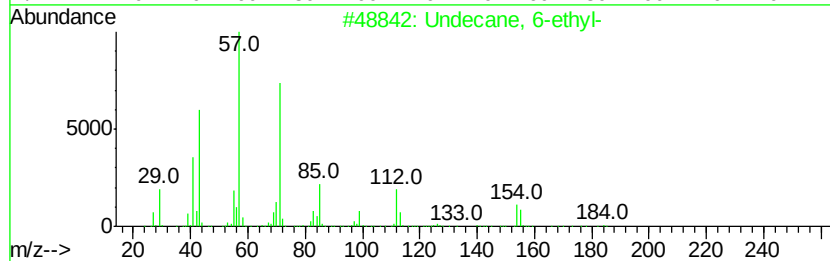
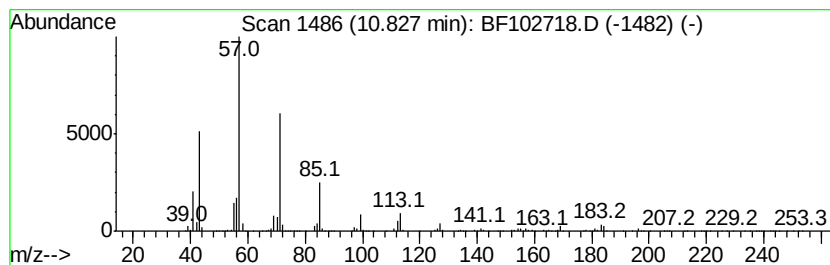
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Undecane, 6-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.83	43.66 ng	2949010	Phenanthrene-d10	11.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 6-ethyl-	184	C13H28	017312-60-6	87
2		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
3		Tridecane, 5-propyl-	226	C16H34	055045-11-9	83
4		Tridecane	184	C13H28	000629-50-5	80
5		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	76



Data Path : U:\HPCHEM1\BNA F\DATA\BF020318\
Data File : BF102718.D
Acq On : 3 Feb 2018 15:48
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Sample : J1413-04
Misc :
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Instrument :
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ClientSampleId :
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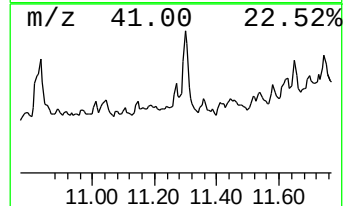
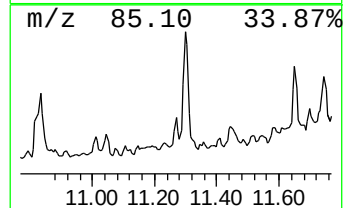
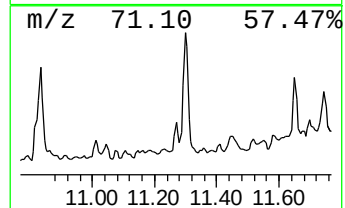
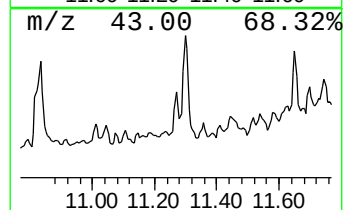
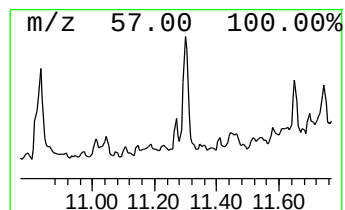
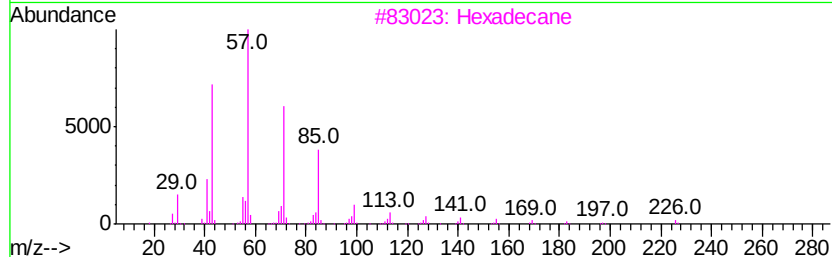
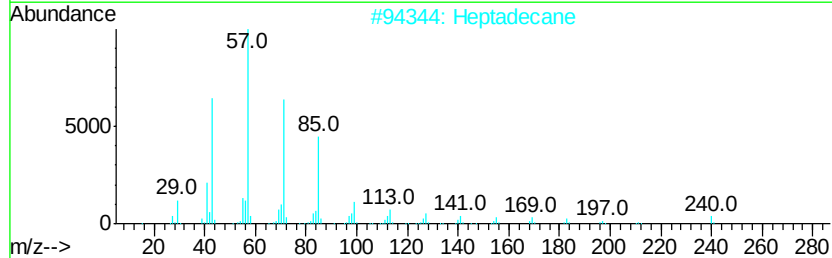
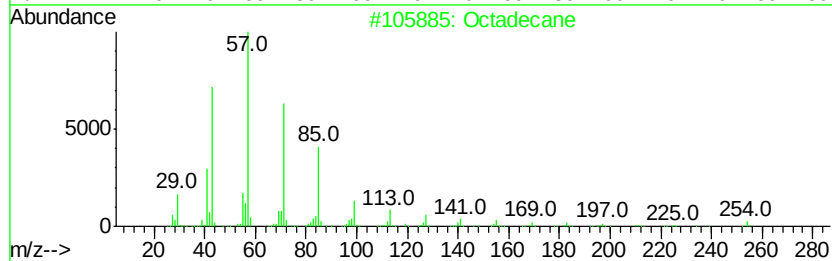
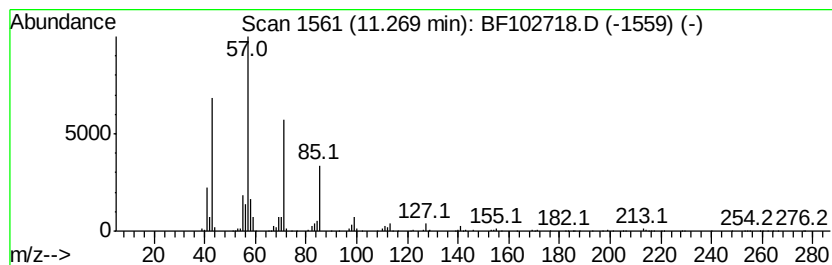
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Octadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.27	8.57 ng	578654	Phenanthrene-d10	11.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	87
2		Heptadecane	240	C17H36	000629-78-7	87
3		Hexadecane	226	C16H34	000544-76-3	80
4		Tridecane	184	C13H28	000629-50-5	80
5		Tetradecane	198	C14H30	000629-59-4	72



Data Path : U:\HPCHEM1\BNA_F\DATA\BF020318\
Data File : BF102718.D
Acq On : 3 Feb 2018 15:48
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Misc :
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ClientSampleId :
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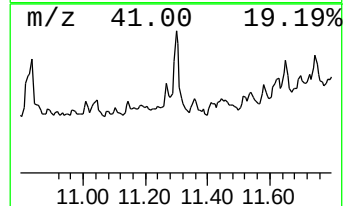
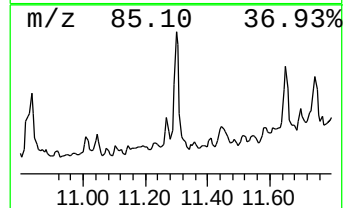
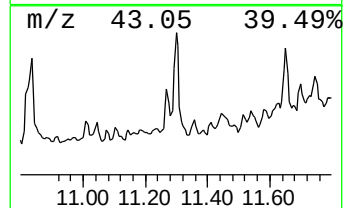
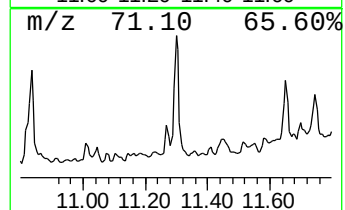
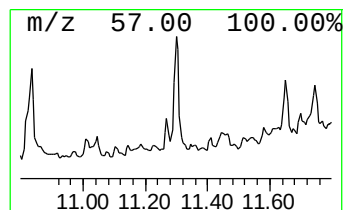
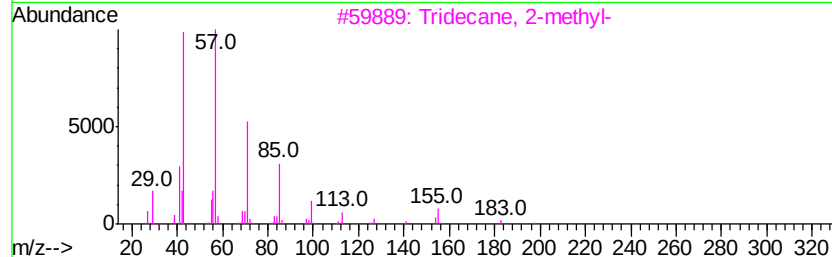
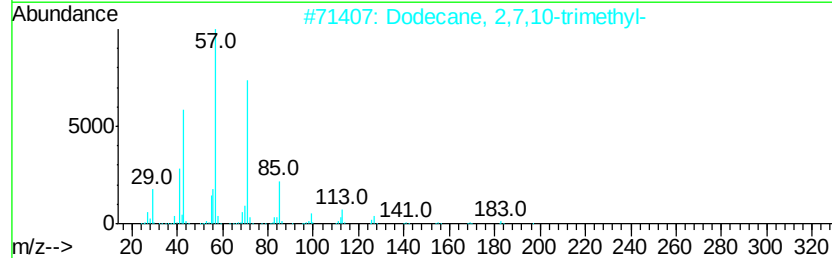
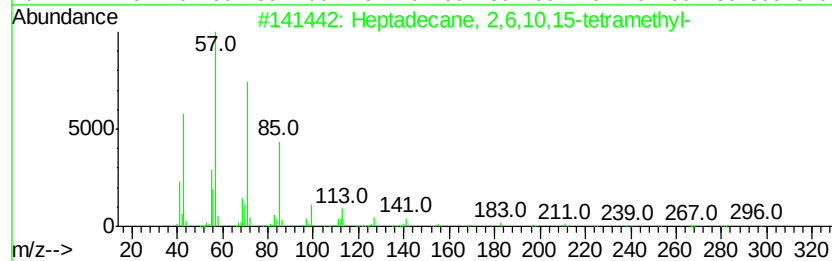
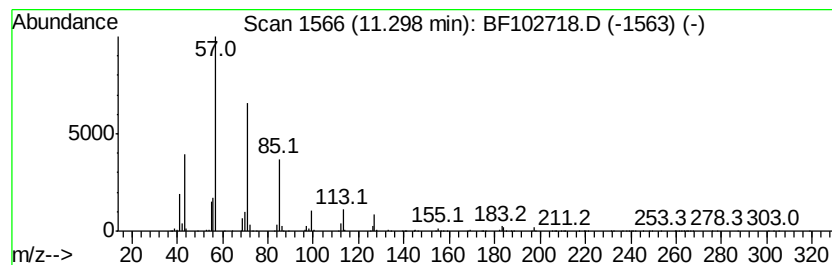
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Heptadecane, 2,6,10,15-tetr... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.30	48.80 ng	3296660	Phenanthrene-d10	11.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80
2		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	78
3		Tridecane, 2-methyl-	198	C14H30	001560-96-9	72
4		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72
5		Hexadecane	226	C16H34	000544-76-3	72



Data Path : U:\HPCHEM1\BNA_F\DATA\BF020318\
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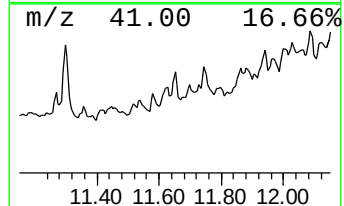
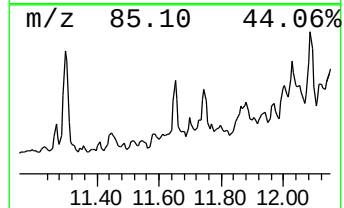
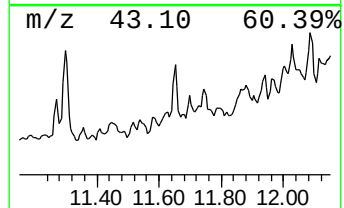
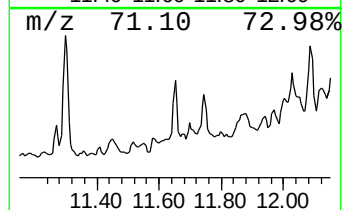
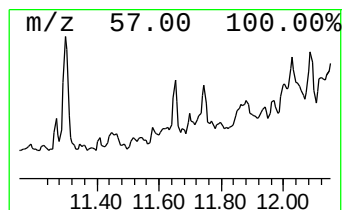
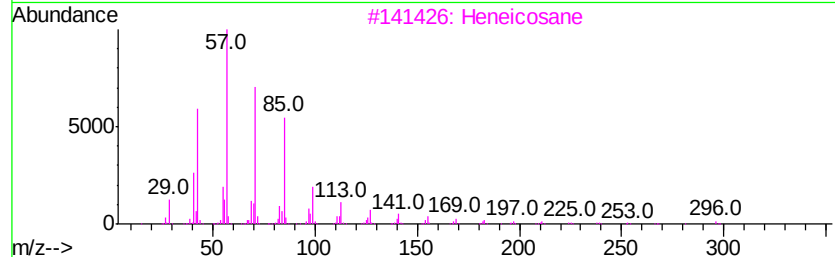
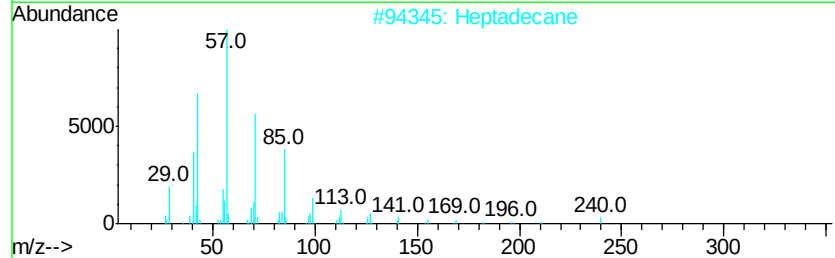
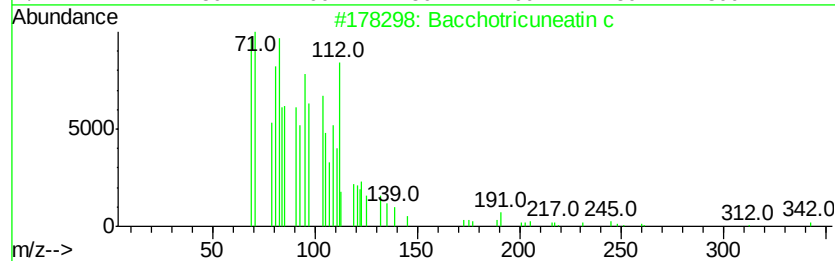
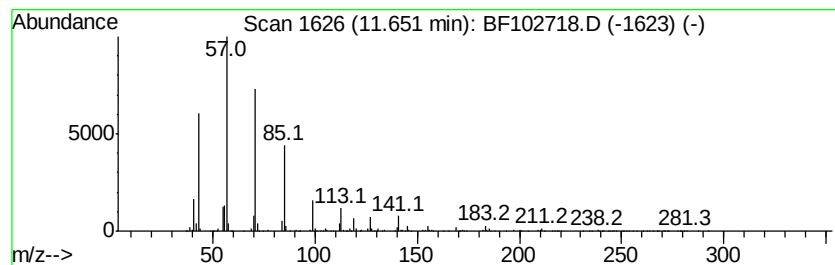
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Bacchotricuneatin c Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.65	16.15 ng	1091200	Phenanthrene-d10		11.40
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bacchotricuneatin c	342	C20H22O5	066563-30-2	93
2	Heptadecane	240	C17H36	000629-78-7	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Triacontane	422	C30H62	000638-68-6	86
5	Hexadecane	226	C16H34	000544-76-3	86



Data Path : U:\HPCHEM1\BNA F\DATA\BF020318\
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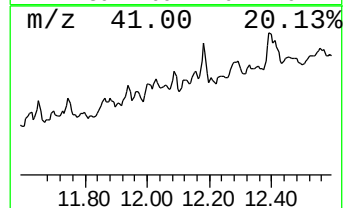
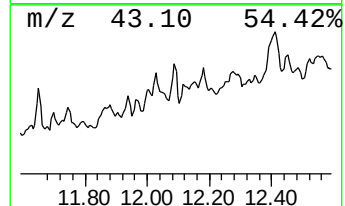
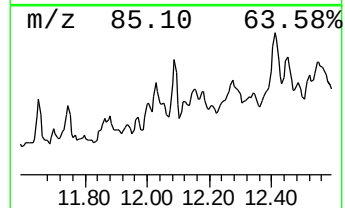
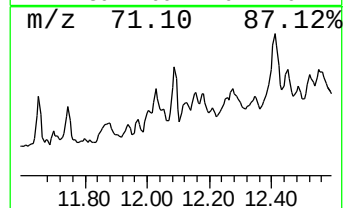
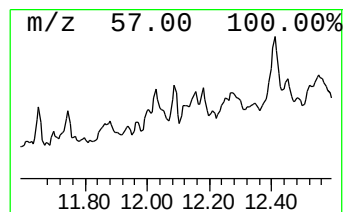
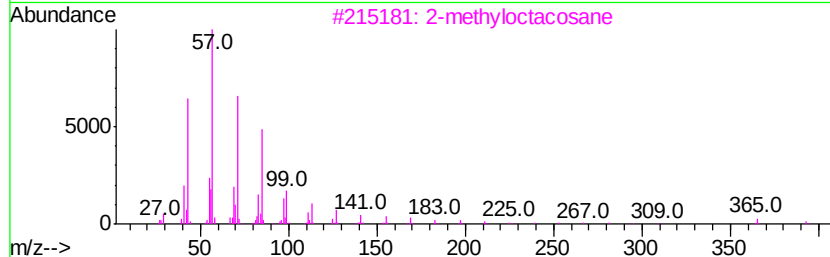
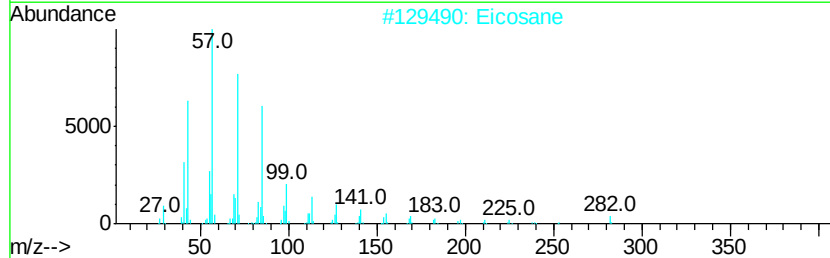
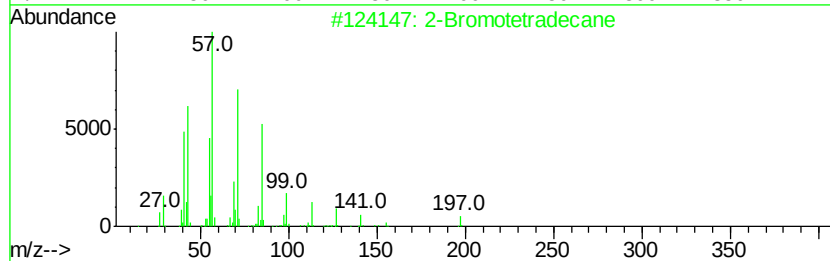
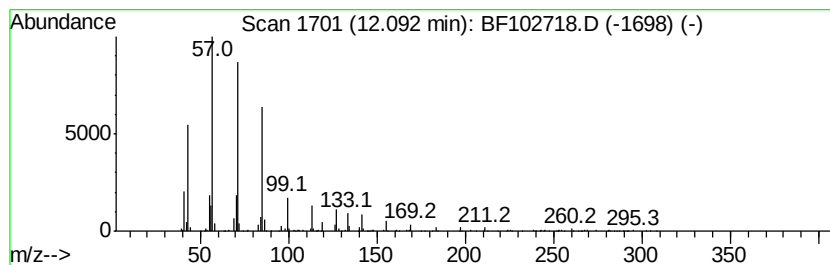
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 2-Bromotetradecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	16.31 ng	1101620	Phenanthrene-d10	11.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Bromotetradecane	276	C14H29Br	074036-95-6	90
2		Eicosane	282	C20H42	000112-95-8	90
3		2-methyloctacosane	408	C29H60	1000376-72-8	86
4		Hexadecane	226	C16H34	000544-76-3	86
5		Heptadecane	240	C17H36	000629-78-7	78



Data Path : U:\HPCHEM1\BNA_F\DATA\BF020318\
 Data File : BF102718.D
 Acq On : 3 Feb 2018 15:48
 Operator : SJ/JU
 Sample : J1413-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Hexanol	3.83	10.1	ng	595698	1	6.87	1180220	20.0
.alpha.-Pinene	6.16	111.3	ng	6568320	1	6.87	1180220	20.0
Camphene	6.33	6.5	ng	380791	1	6.87	1180220	20.0
unknown6.65	6.65	78.8	ng	4649680	1	6.87	1180220	20.0
Octane, 2,4,6-tri...	6.71	9.9	ng	583040	1	6.87	1180220	20.0
Carbonic acid, is...	7.35	22.9	ng	1348920	1	6.87	1180220	20.0
Terpinen-4-ol	8.10	5.3	ng	366722	2	8.16	1388280	20.0
Hexadecane	8.75	6.0	ng	414847	2	8.16	1388280	20.0
Tetradecane	9.31	9.8	ng	898093	3	9.92	1834540	20.0
unknown9.79	9.79	7.9	ng	723315	3	9.92	1834540	20.0
unknown9.83	9.83	8.7	ng	794980	3	9.92	1834540	20.0
unknown10.29	10.29	5.6	ng	517584	3	9.92	1834540	20.0
5-Octadecene, (E)-	10.31	19.5	ng	1791830	3	9.92	1834540	20.0
Undecane, 6-ethyl-	10.83	43.7	ng	2949010	4	11.40	1351020	20.0
Octadecane	11.27	8.6	ng	578654	4	11.40	1351020	20.0
Heptadecane, 2,6,...	11.30	48.8	ng	3296660	4	11.40	1351020	20.0
Bacchotricuneatin c	11.65	16.1	ng	1091200	4	11.40	1351020	20.0
2-Bromotetradecane	12.09	16.3	ng	1101620	4	11.40	1351020	20.0