

Data Path : U:\HPCHEM1\BNA F\DATA\BF020318\
 Data File : BF102719.D
 Acq On : 3 Feb 2018 16:15
 Operator : SJ/JU
 Sample : J1413-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-2

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	2.158	6	12	19	rVB	450697	586341	10.73%	0.997%
2	3.857	295	301	309	rBV	79846	128108	2.35%	0.218%
3	3.975	316	321	325	rBV	120582	156933	2.87%	0.267%
4	5.110	511	514	522	rVB	130393	175114	3.21%	0.298%
5	5.493	574	579	582	rBV	4442025	5036561	92.20%	8.567%
6	6.163	690	693	697	rBV	1372445	1246962	22.83%	2.121%
7	6.334	714	722	725	rBV3	57723	70078	1.28%	0.119%
8	6.504	742	751	755	rBV2	4339130	5462434	100.00%	9.291%
9	6.587	759	765	768	rVV	568517	481749	8.82%	0.819%
10	6.651	770	776	779	rVV	4848229	4942985	90.49%	8.408%
11	6.710	783	786	790	rVB2	115936	126572	2.32%	0.215%
12	6.881	811	815	819	rVB	1382504	1096408	20.07%	1.865%
13	6.945	821	826	832	rBV	4157106	4135096	75.70%	7.033%
14	6.998	832	835	837	rVV	171282	154842	2.83%	0.263%
15	7.040	837	842	845	rVB	3946855	3491426	63.92%	5.939%
16	7.351	891	895	902	rBV4	53331	102623	1.88%	0.175%
17	7.445	902	911	914	rVV	3052404	3295307	60.33%	5.605%
18	7.475	914	916	918	rVV	132161	101928	1.87%	0.173%
19	7.545	918	928	932	rVB	330131	668590	12.24%	1.137%
20	7.687	950	952	958	rVB2	71880	72701	1.33%	0.124%
21	7.910	987	990	995	rVB3	83958	82954	1.52%	0.141%
22	8.057	1012	1015	1019	rBV2	173006	162002	2.97%	0.276%
23	8.139	1027	1029	1030	rBV	119821	92678	1.70%	0.158%
24	8.163	1030	1033	1035	rVV	1766031	1478351	27.06%	2.515%
25	8.187	1035	1037	1040	rVB	702149	530754	9.72%	0.903%
26	8.581	1101	1104	1106	rBV	84870	69720	1.28%	0.119%
27	8.751	1130	1133	1136	rVB	142798	107142	1.96%	0.182%
28	8.898	1156	1158	1162	rVB2	62365	66845	1.22%	0.114%
29	8.986	1168	1173	1175	rBV3	72612	89023	1.63%	0.151%
30	9.116	1191	1195	1199	rBV3	49190	82388	1.51%	0.140%
31	9.181	1204	1206	1211	rVB3	84100	69903	1.28%	0.119%
32	9.239	1211	1216	1219	rBV	5082830	4580509	83.85%	7.791%
33	9.316	1226	1229	1232	rBV	273662	240704	4.41%	0.409%
34	9.475	1251	1256	1257	rBV4	54384	82713	1.51%	0.141%

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35	9.557	1267	1270	1271	rBV3	61540	67225	1.23%	0.114%
36	9.628	1279	1282	1286	rBV2	698573	710992	13.02%	1.209%
37	9.663	1286	1288	1290	rVB2	110873	93173	1.71%	0.158%
38	9.692	1290	1293	1296	rBV4	101794	140813	2.58%	0.240%
39	9.786	1306	1309	1312	rBV2	204112	261886	4.79%	0.445%
40	9.833	1314	1317	1318	rBV	254785	247575	4.53%	0.421%
41	9.922	1328	1332	1335	rVB	1602705	1482658	27.14%	2.522%
42	9.951	1335	1337	1341	rBV4	101077	147785	2.71%	0.251%
43	10.022	1347	1349	1352	rBV3	104224	99429	1.82%	0.169%
44	10.169	1372	1374	1378	rBV3	142598	190809	3.49%	0.325%
45	10.239	1383	1386	1387	rBV3	105389	106359	1.95%	0.181%
46	10.257	1387	1389	1392	rVB3	104795	91051	1.67%	0.155%
47	10.316	1397	1399	1400	rVV	378686	320859	5.87%	0.546%
48	10.345	1403	1404	1407	rVB	378999	237484	4.35%	0.404%
49	10.569	1437	1442	1448	rBV	417836	674428	12.35%	1.147%
50	10.651	1454	1456	1459	rBV3	131372	134020	2.45%	0.228%
51	10.710	1462	1466	1469	rVB	2224710	2196964	40.22%	3.737%
52	10.833	1482	1487	1494	rBV	795589	1142628	20.92%	1.944%
53	11.269	1559	1561	1563	rBV2	247370	228598	4.18%	0.389%
54	11.298	1563	1566	1572	rVB	1116711	1245988	22.81%	2.119%
55	11.404	1581	1584	1587	rBV	1239224	1158024	21.20%	1.970%
56	11.651	1623	1626	1629	rVB	474535	401433	7.35%	0.683%
57	11.933	1671	1674	1676	rBV	571323	586557	10.74%	0.998%
58	12.080	1696	1699	1701	rBV	602456	561327	10.28%	0.955%
59	12.175	1712	1715	1717	rVB	585039	554791	10.16%	0.944%
60	12.386	1748	1751	1756	rBV2	2100991	2706171	49.54%	4.603%
61	12.604	1786	1788	1792	rBV2	851329	1002048	18.34%	1.704%
62	12.998	1851	1855	1858	rBV2	1917557	2732302	50.02%	4.647%

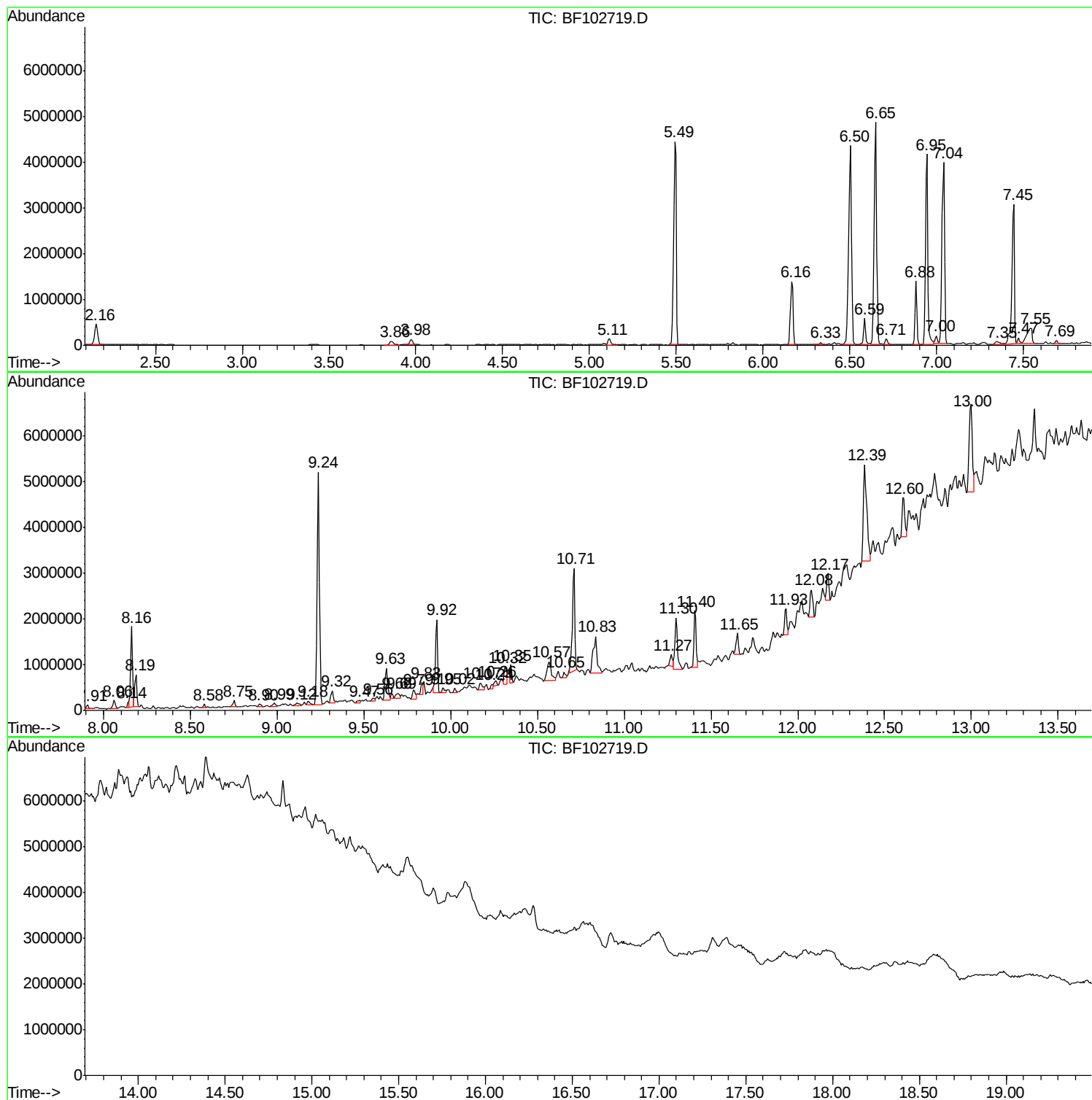
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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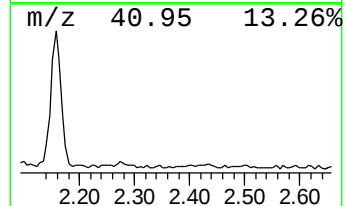
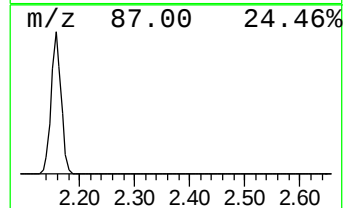
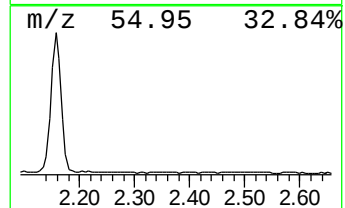
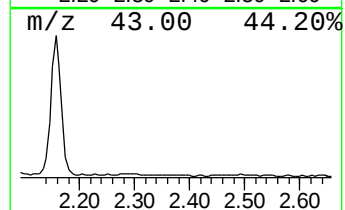
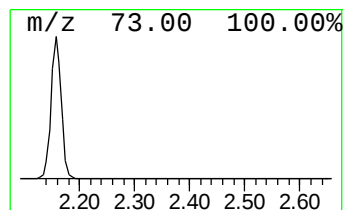
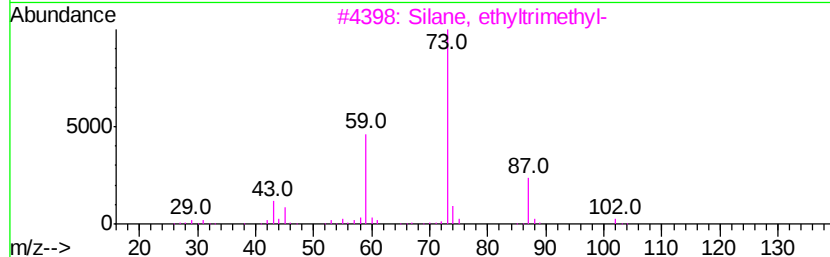
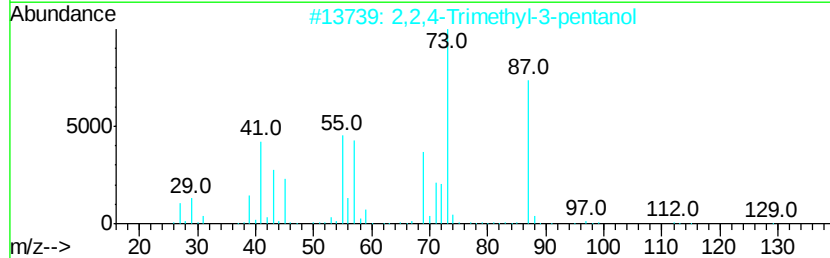
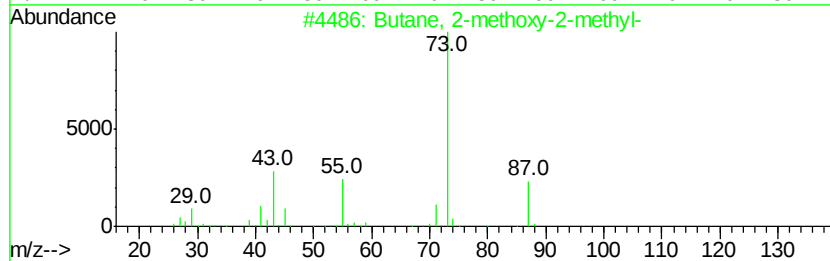
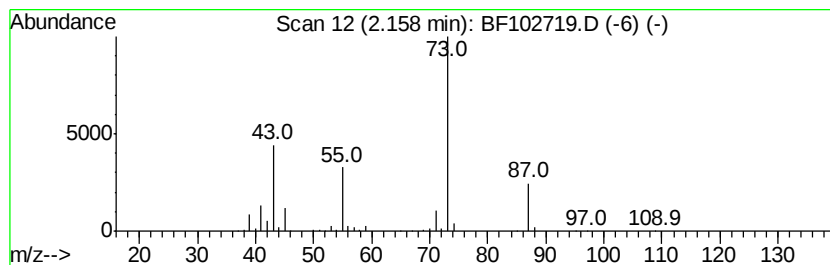
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.16	10.70 ng	586341	1,4-Dichlorobenzene-d4	6.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3		Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	36
4		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	32
5		3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	23



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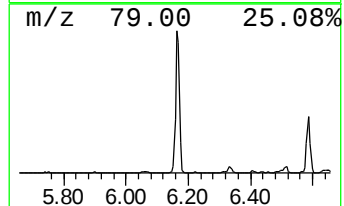
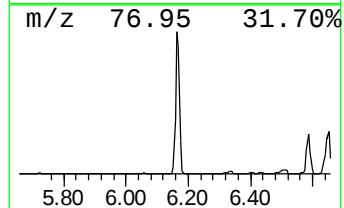
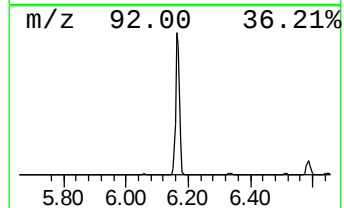
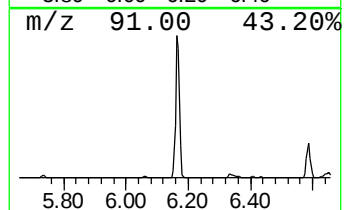
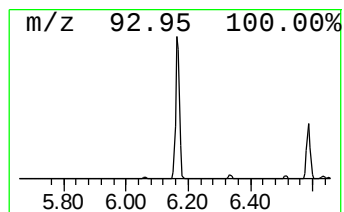
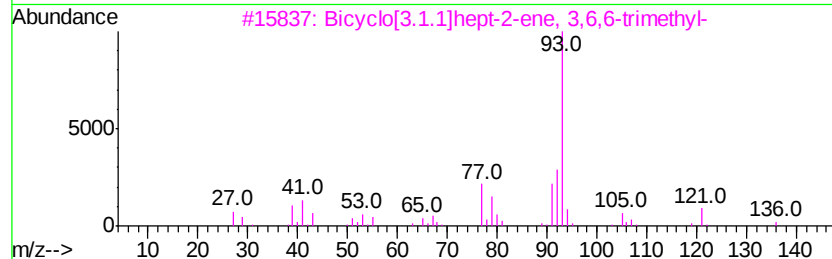
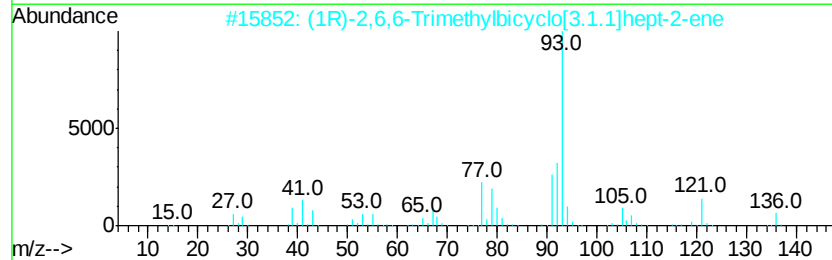
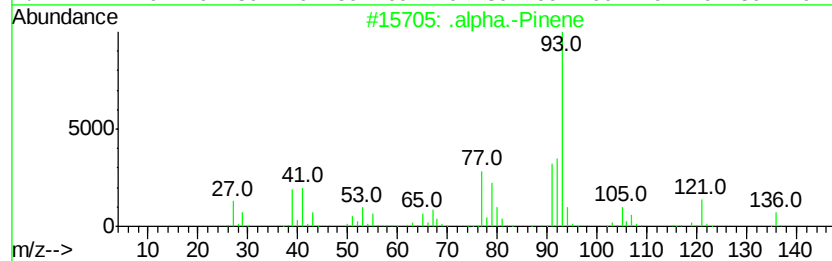
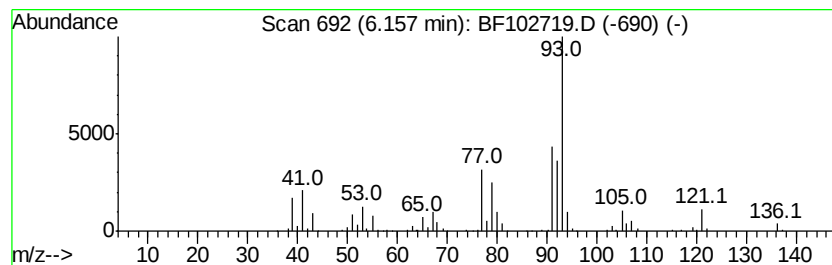
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 .alpha.-Pinene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.16	22.75 ng	1246960	1,4-Dichlorobenzene-d4	6.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.alpha.-Pinene	136	C10H16	000080-56-8	94
2		(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	91
3		Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	91
4		Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	91
5		3-Carene	136	C10H16	013466-78-9	91



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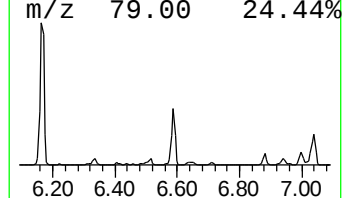
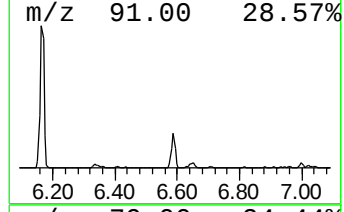
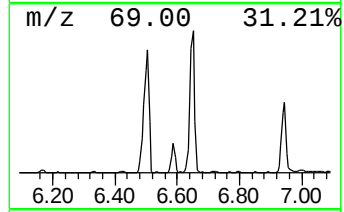
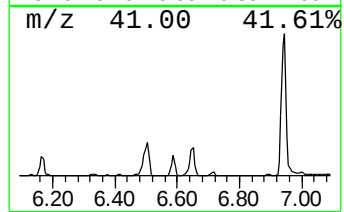
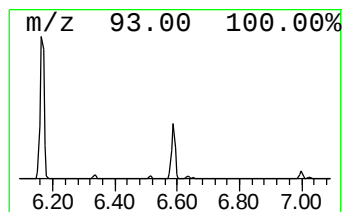
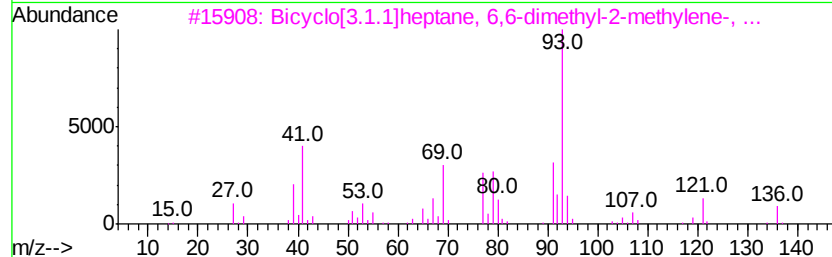
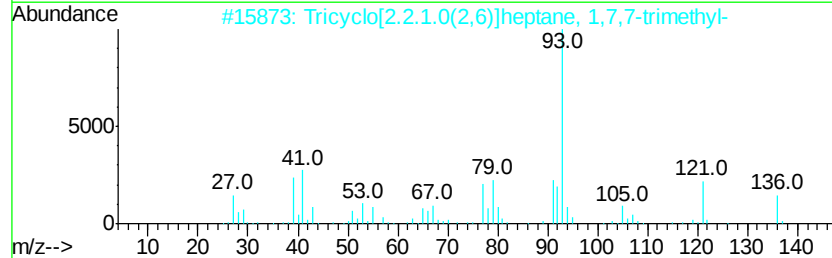
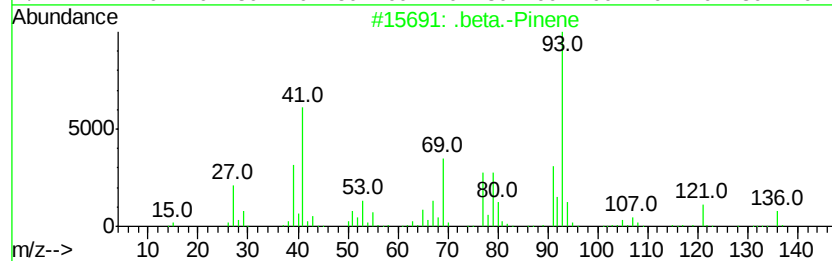
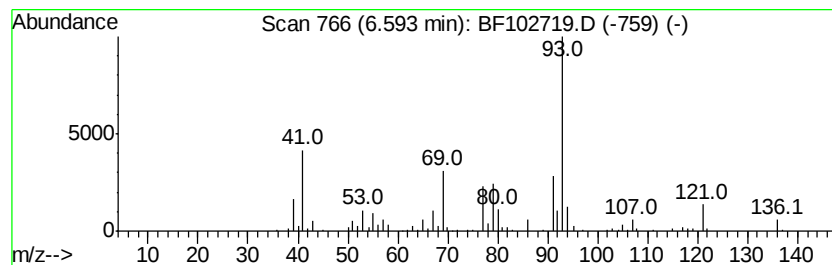
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 .beta.-Pinene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
6.59	8.79 ng	481749	1,4-Dichlorobenzene-d4	6.88	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Pinene	136	C10H16	000127-91-3	93
2	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	91
3	Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	91
4	Cyclohexene, 4-methylene-1-(1-me...	136	C10H16	000099-84-3	87
5	.alpha.-Pinene	136	C10H16	000080-56-8	87



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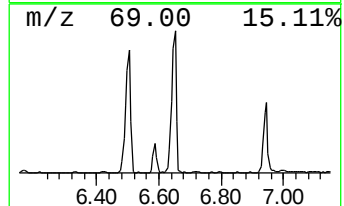
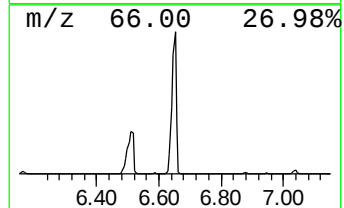
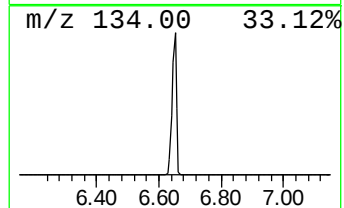
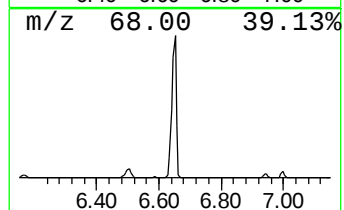
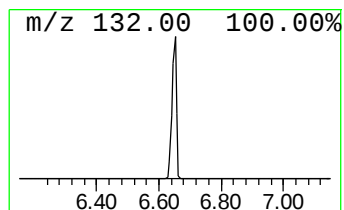
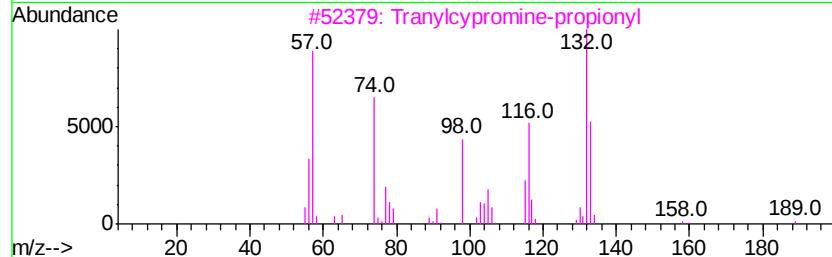
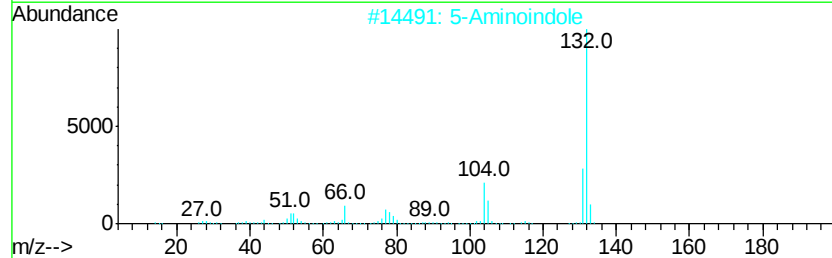
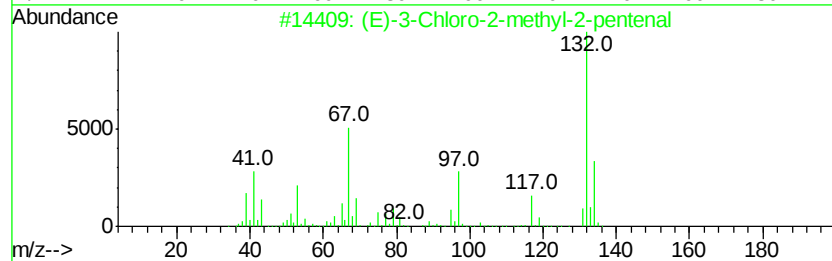
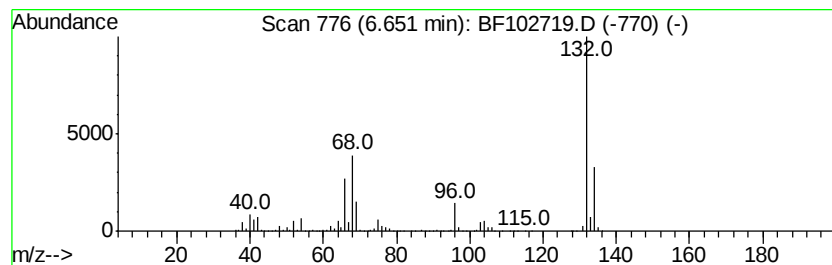
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	90.17 ng	4942990	1,4-Dichlorobenzene-d4	6.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
2		5-Aminoindole	132	C8H8N2	005192-03-0	12
3		Tranvlcvpromine-propionvl	189	C12H15NO	1000123-86-3	10
4		Xenon	132	Xe	007440-63-3	9
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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SOIL-2

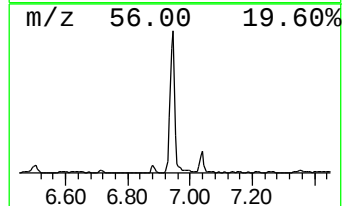
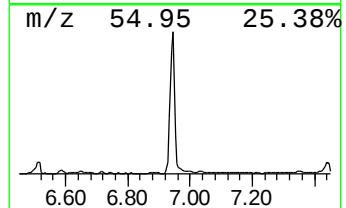
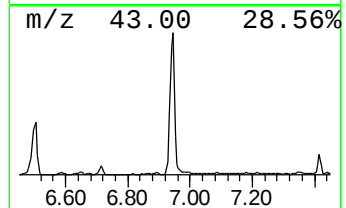
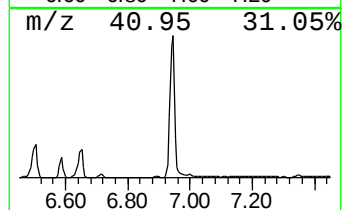
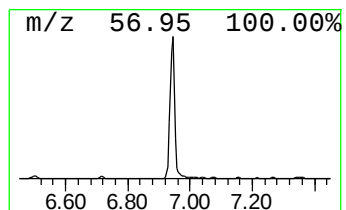
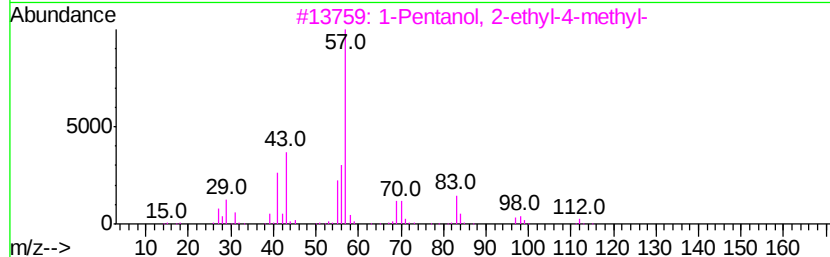
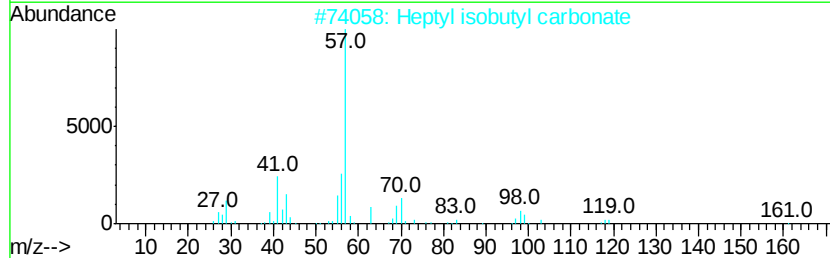
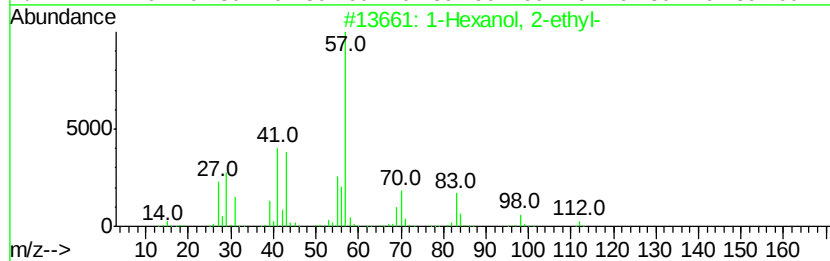
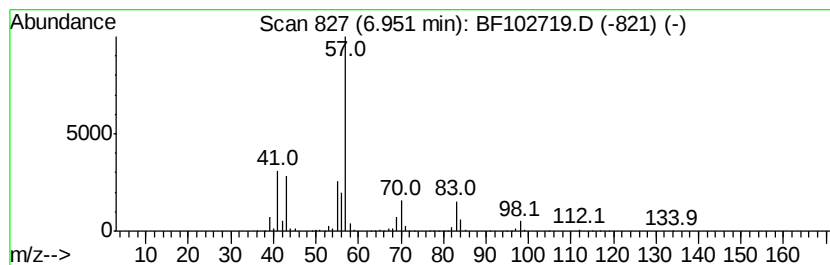
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 1-Hexanol, 2-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.95	75.43 ng	4135100	1,4-Dichlorobenzene-d4	6.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
2		Heptyl isobutyl carbonate	216	C12H24O3	959068-08-7	64
3		1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	56
4		Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	50
5		Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	45



Data Path : U:\HPCHEM1\BNA F\DATA\BF020318\
Data File : BF102719.D
Acq On : 3 Feb 2018 16:15
Operator : SJ/JU
Sample : J1413-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-2

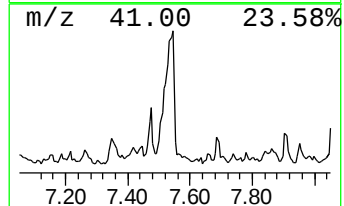
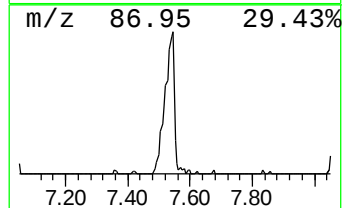
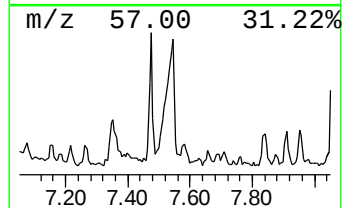
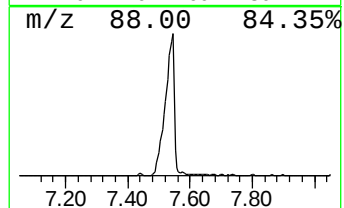
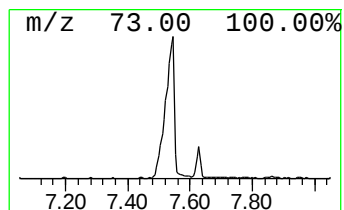
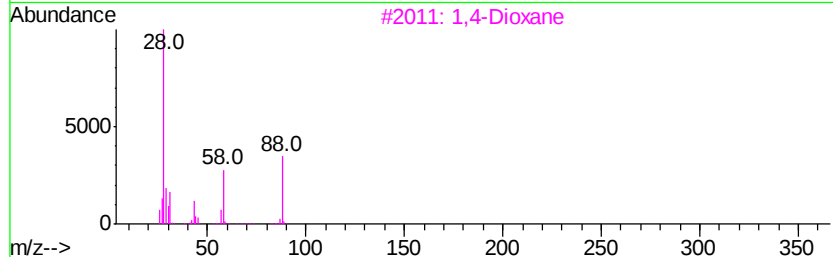
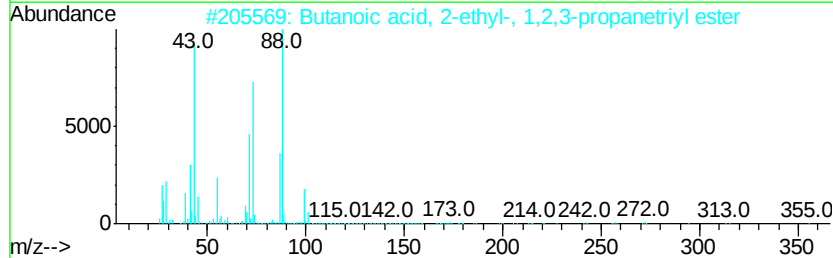
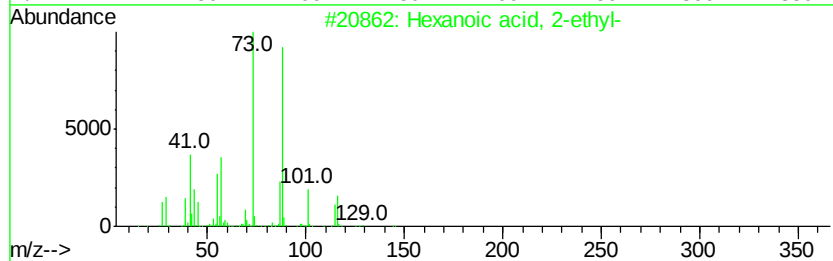
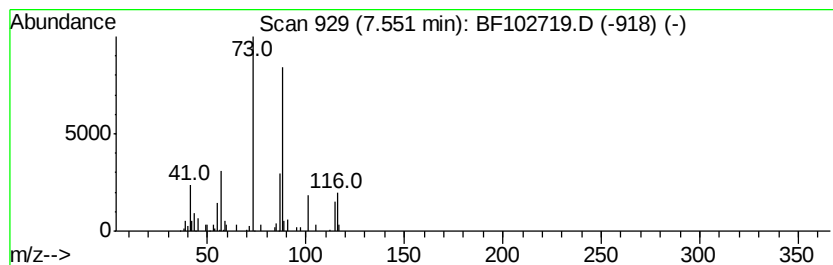
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Hexanoic acid, 2-ethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.55	9.05 ng	668590	Naphthalene-d8	8.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	90
2		Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	59
3		1,4-Dioxane	88	C4H8O2	000123-91-1	47
4		Pentanoic acid, 2-methyl-, methy...	130	C7H14O2	002177-77-7	38
5		Methyl 2,3,4-tri-O-methyl-6-deox...	220	C10H20O5	072983-16-5	33



Data Path : U:\HPCHEM1\BNA F\DATA\BF020318\
Data File : BF102719.D
Acq On : 3 Feb 2018 16:15
Operator : SJ/JU
Sample : J1413-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

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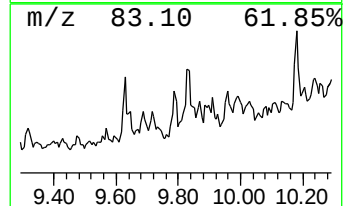
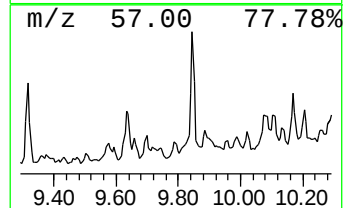
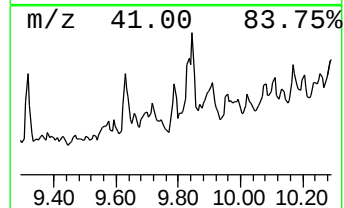
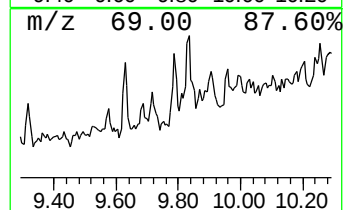
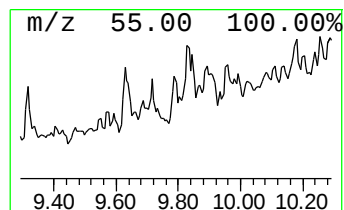
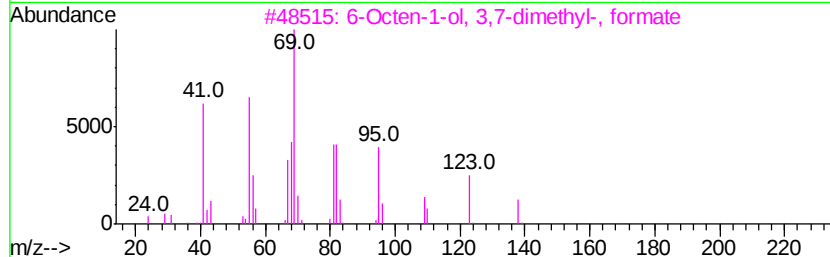
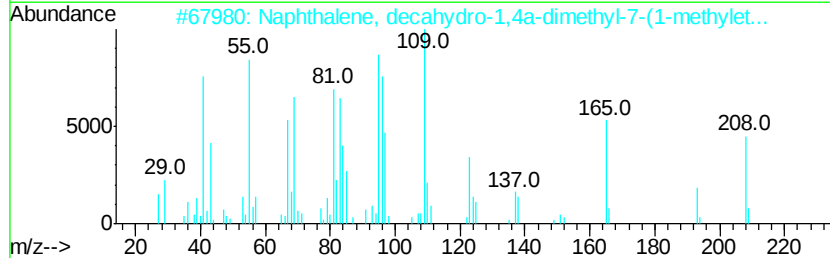
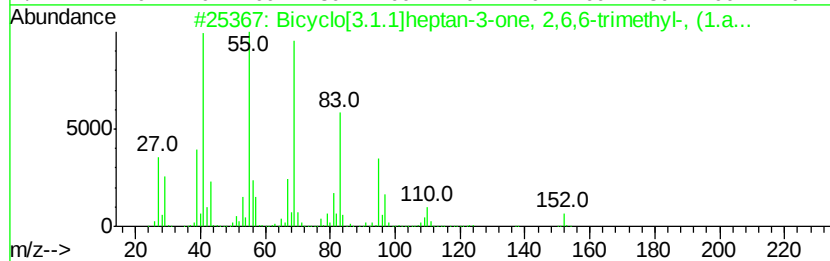
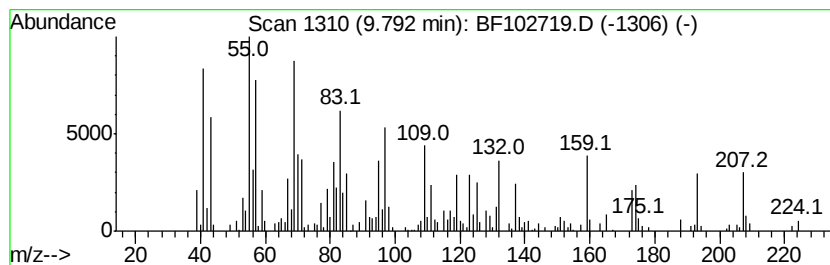
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown9.79 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.79	3.53 ng	261886	Acenaphthene-d10	9.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	43
2		Naphthalene, decahydro-1,4a-dime...	208	C15H28	030824-81-8	38
3		6-Octen-1-ol, 3,7-dimethyl-, for...	184	C11H20O2	000105-85-1	35
4		1,2-Cyclohexanediol, cyclic sulf...	162	C6H10O3S	019456-19-0	25
5		Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	25



Data Path : U:\HPCHEM1\BNA F\DATA\BF020318\
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Acq On : 3 Feb 2018 16:15
Operator : SJ/JU
Sample : J1413-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SOIL-2

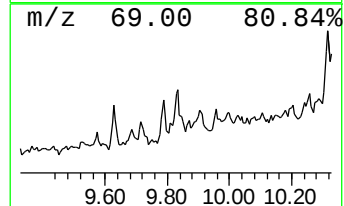
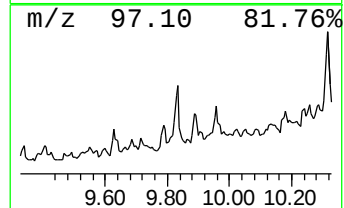
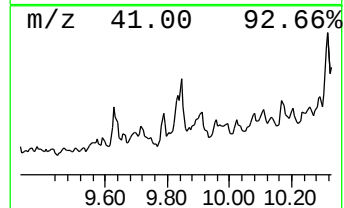
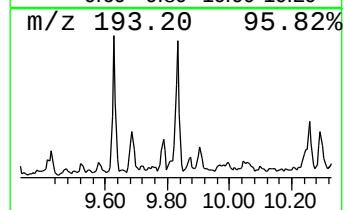
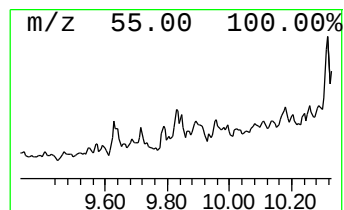
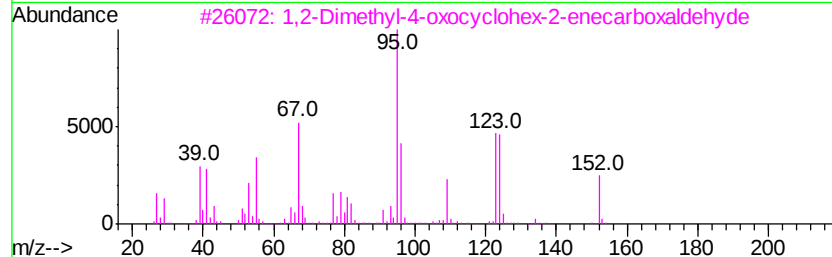
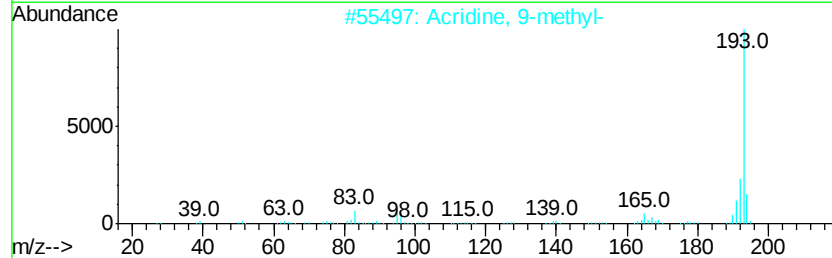
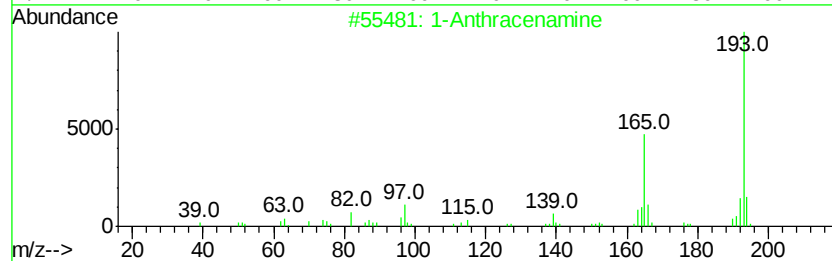
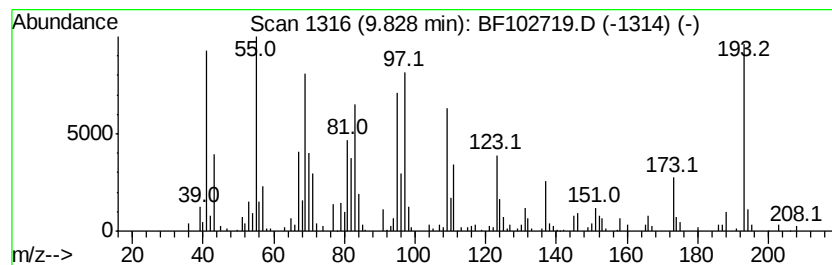
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown9.83 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.83	3.34 ng	247575	Acenaphthene-d10	9.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Anthracenamine	193	C14H11N	000610-49-1	30
2		Acridine, 9-methyl-	193	C14H11N	000611-64-3	27
3		1,2-Dimethyl-4-oxocyclohex-2-ene...	152	C9H12O2	1000187-01-2	18
4		Desoxy-minoxidyl	193	C9H15N5	1000246-13-2	14
5		Benzene, 1,4-dichloro-2-nitro-	191	C6H3Cl2NO2	000089-61-2	11



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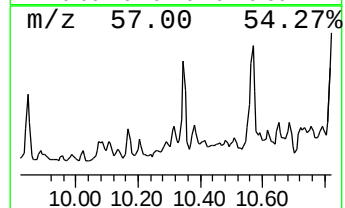
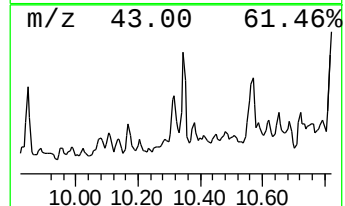
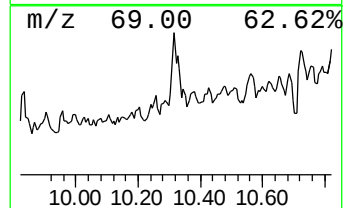
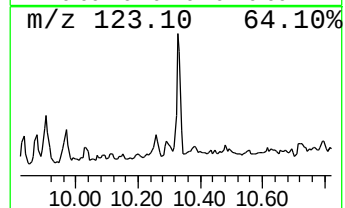
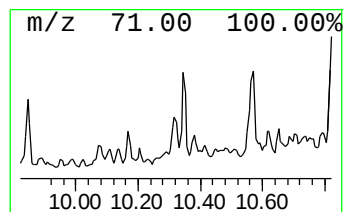
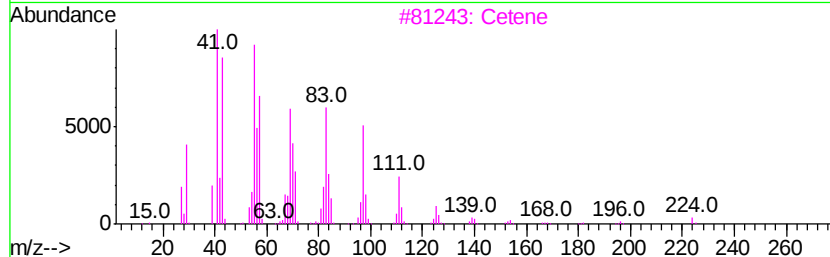
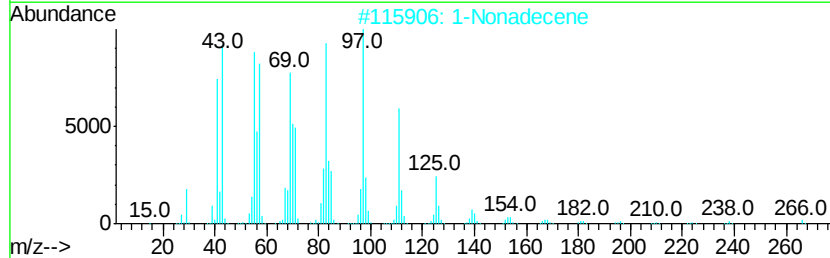
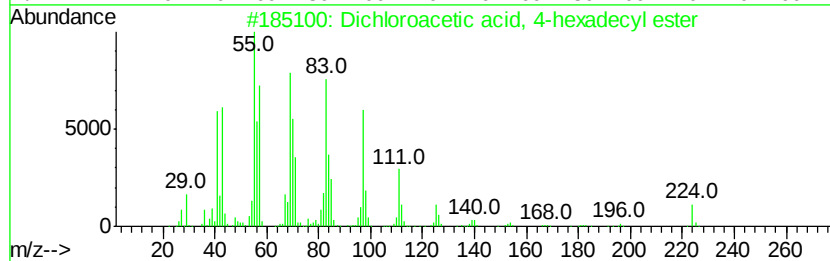
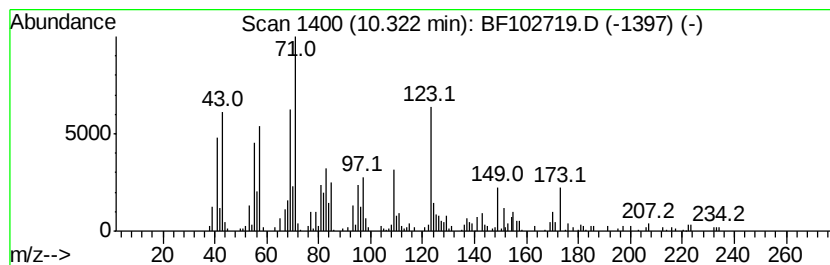
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Dichloroacetic acid, 4-hexa... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.32	4.33 ng	320859	Acenaphthene-d10	9.92	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, 4-hexadecyl...	352	C18H34Cl2O2	1000282-98-1	83
2	1-Nonadecene	266	C19H38	018435-45-5	83
3	Cetene	224	C16H32	000629-73-2	80
4	2- Bromopropionic acid, tridecyl...	334	C16H31BrO2	1000292-43-9	80
5	Acetic acid, trifluoro-, dodecyl...	282	C14H25F3O2	006222-00-0	76



Data Path : U:\HPCHEM1\BNA F\DATA\BF020318\
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Sample : J1413-09
Misc :
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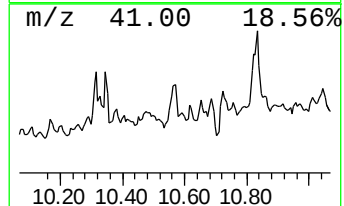
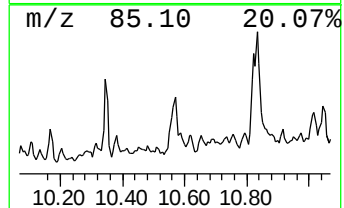
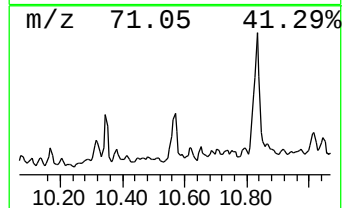
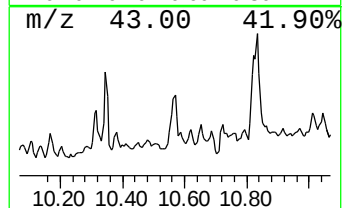
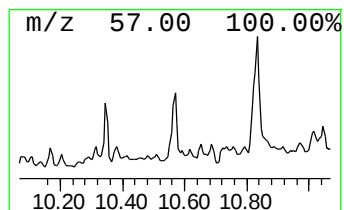
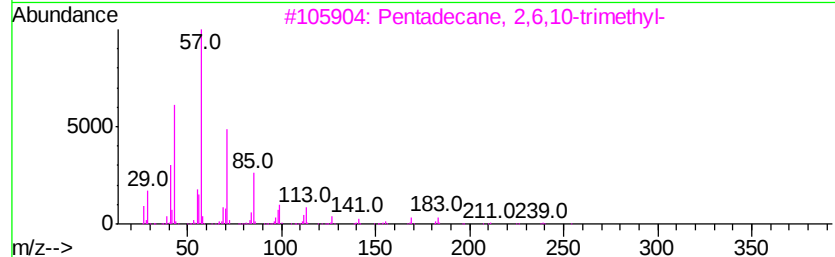
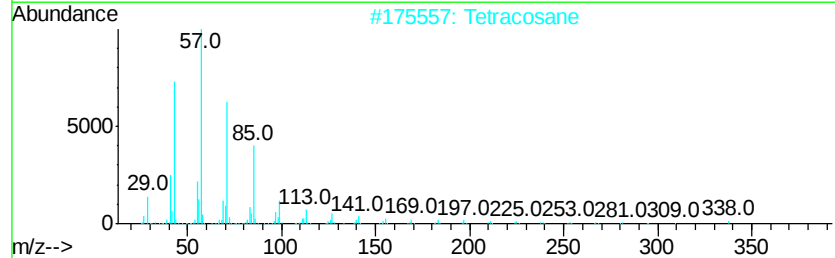
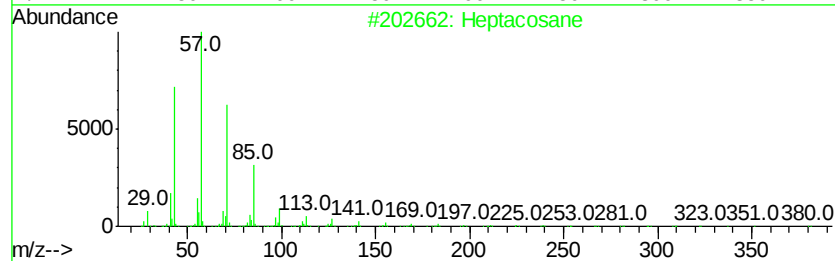
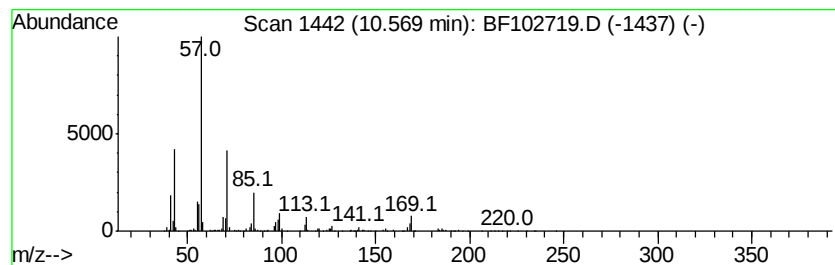
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Heptacosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.57	9.10 ng	674428	Acenaphthene-d10	9.92
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heptacosane	380 C27H56	000593-49-7	72
2	Tetracosane	338 C24H50	000646-31-1	72
3	Pentadecane, 2,6,10-trimethyl-	254 C18H38	003892-00-0	72
4	Undecane, 5-ethyl-	184 C13H28	017453-94-0	72
5	Octacosane	394 C28H58	000630-02-4	72



Data Path : U:\HPCHEM1\BNA F\DATA\BF020318\
Data File : BF102719.D
Acq On : 3 Feb 2018 16:15
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Sample : J1413-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-2

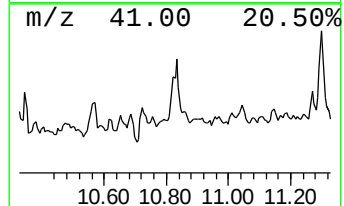
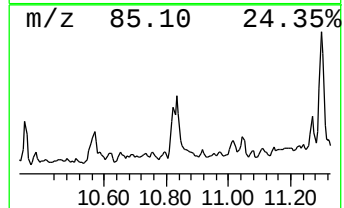
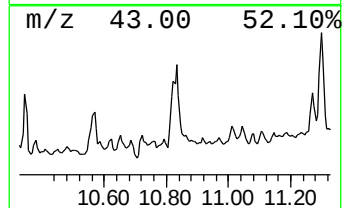
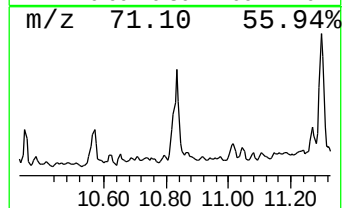
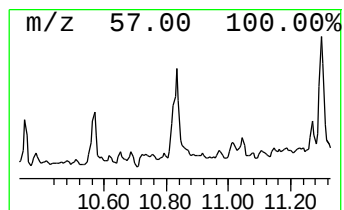
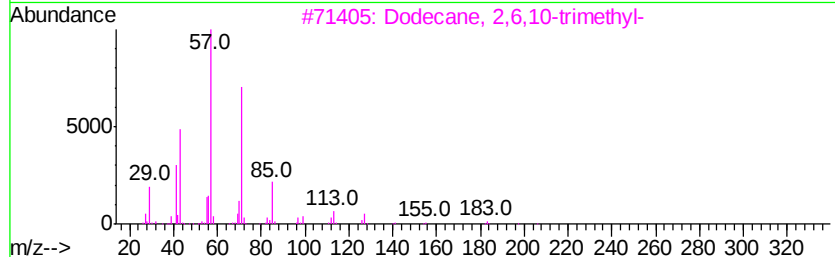
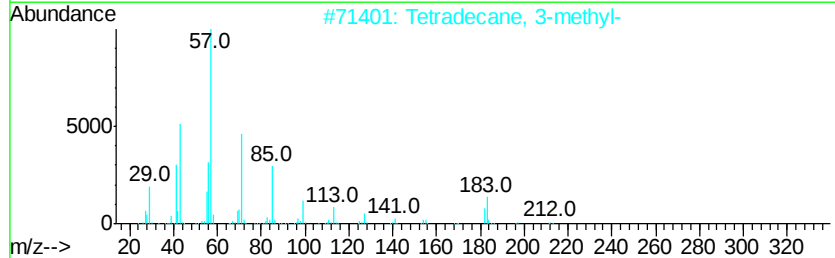
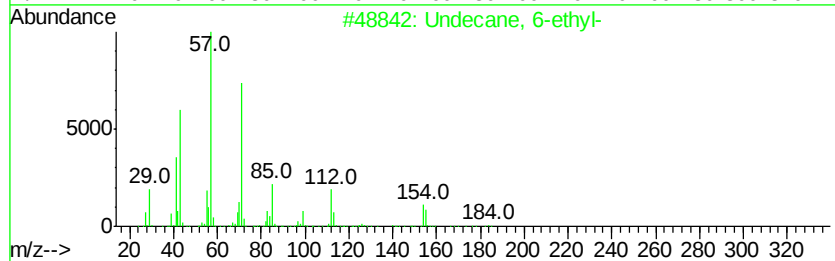
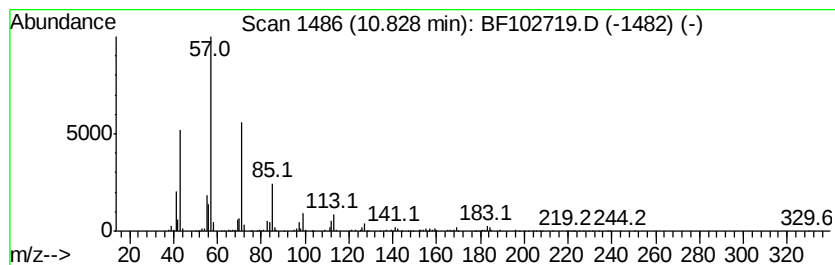
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Undecane, 6-ethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.83	19.73 ng	1142630	Phenanthrene-d10	11.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 6-ethyl-	184	C13H28	017312-60-6	90
2		Tetradecane, 3-methyl-	212	C15H32	018435-22-8	80
3		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	78
4		Tridecane	184	C13H28	000629-50-5	72
5		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	72



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Sample : J1413-09
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ClientSampleId :
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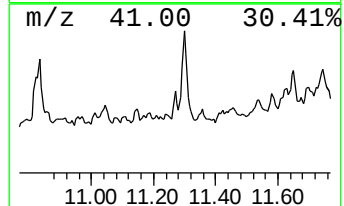
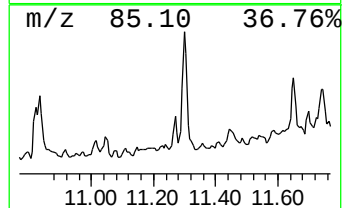
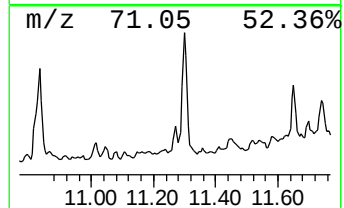
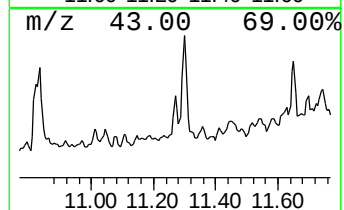
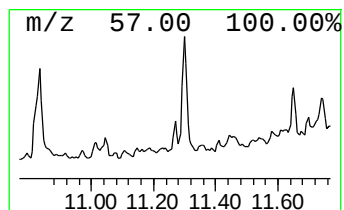
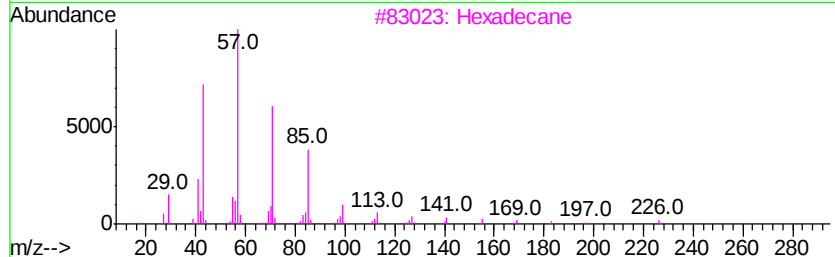
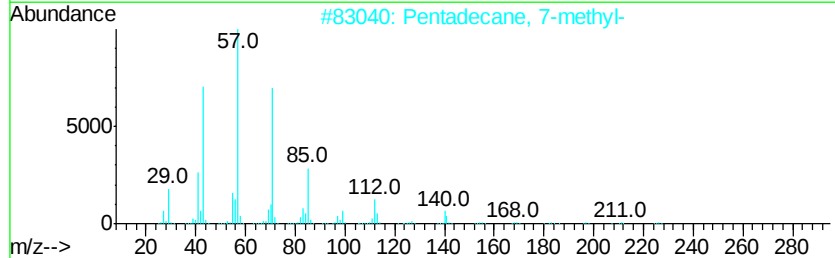
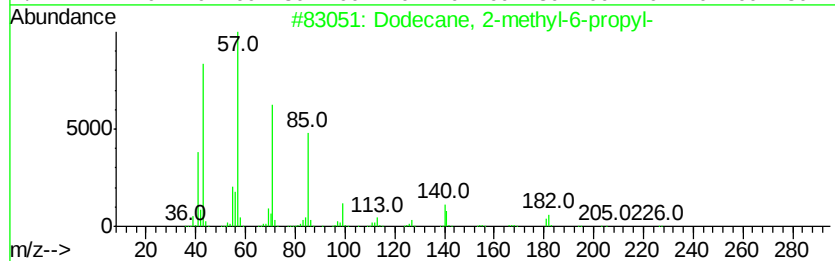
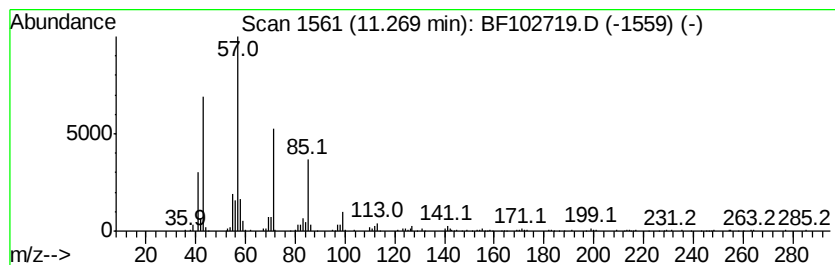
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Dodecane, 2-methyl-6-propyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.27	3.95 ng	228598	Phenanthrene-d10	11.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	76
2		Pentadecane, 7-methyl-	226	C16H34	006165-40-8	72
3		Hexadecane	226	C16H34	000544-76-3	72
4		Undecane, 3-methyl-	170	C12H26	001002-43-3	68
5		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	64



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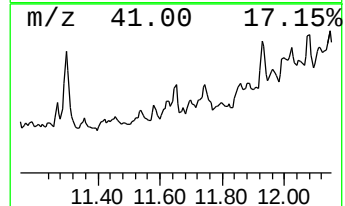
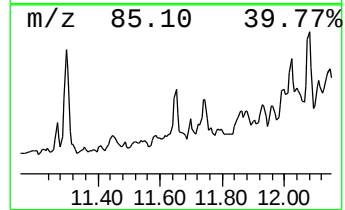
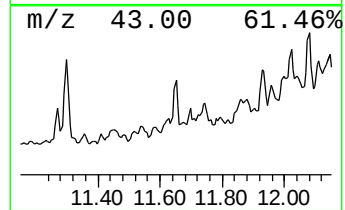
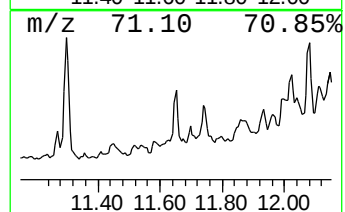
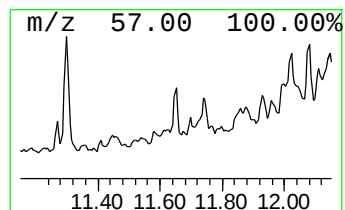
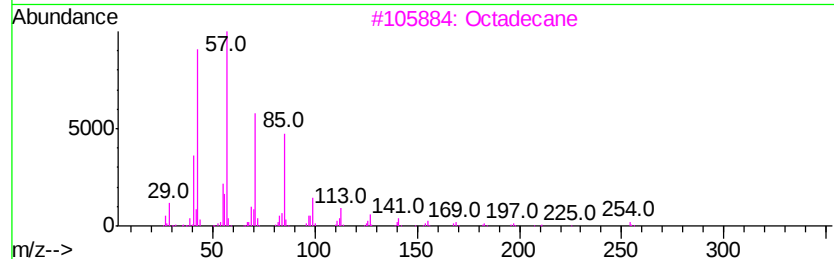
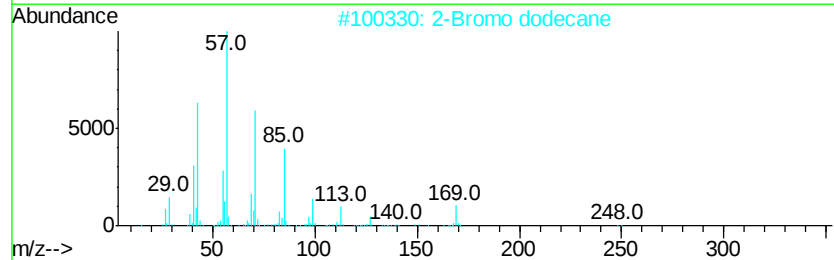
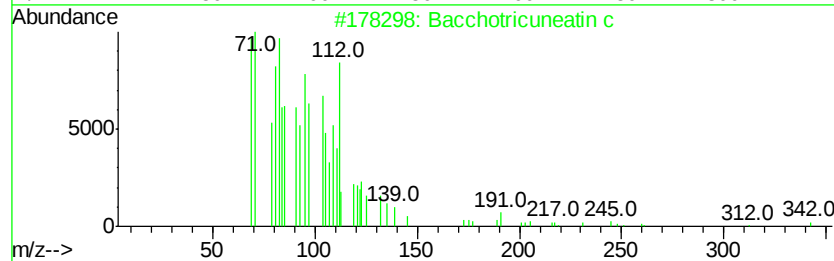
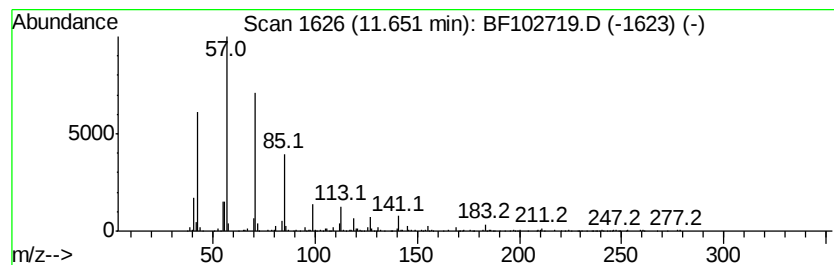
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Bacchotricuneatin c Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	6.93 ng	401433	Phenanthrene-d10	11.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	93
2		2-Bromo dodecane	248	C12H25Br	013187-99-0	90
3		Octadecane	254	C18H38	000593-45-3	90
4		Tetracosane	338	C24H50	000646-31-1	86
5		Heptadecane	240	C17H36	000629-78-7	86



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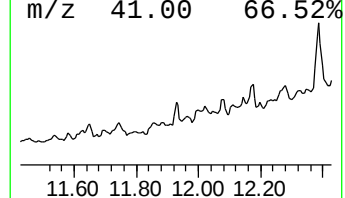
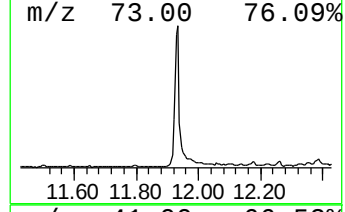
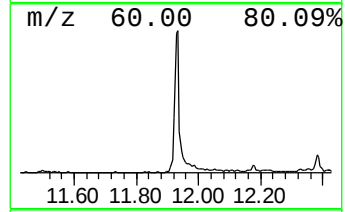
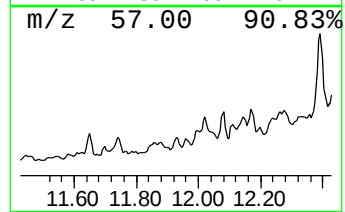
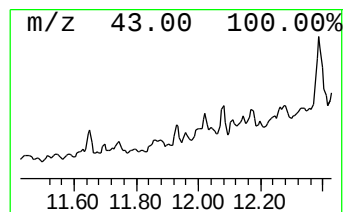
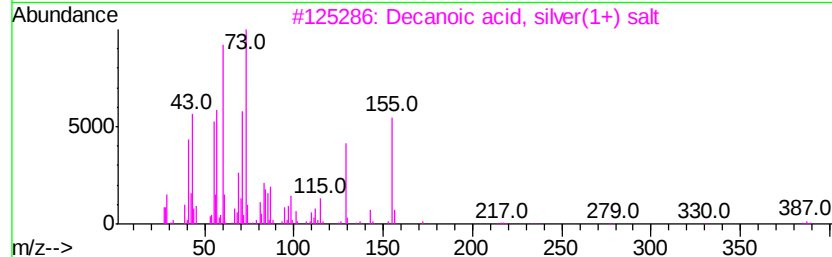
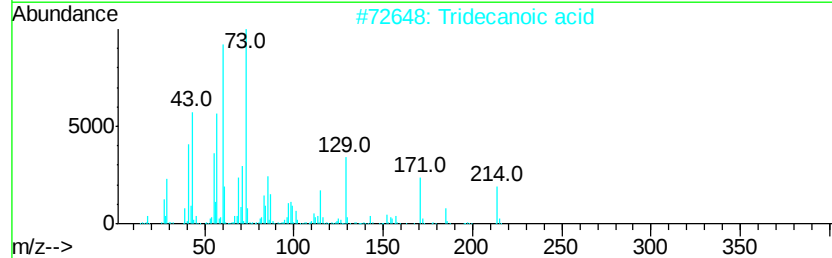
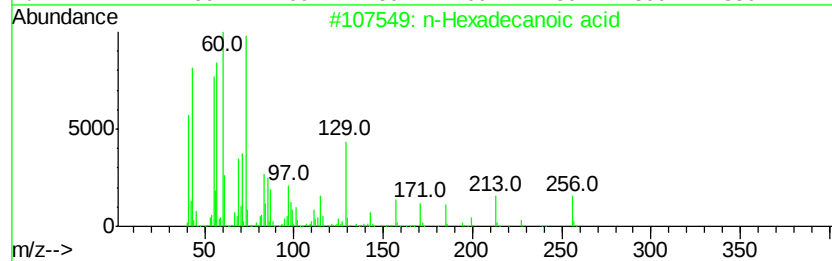
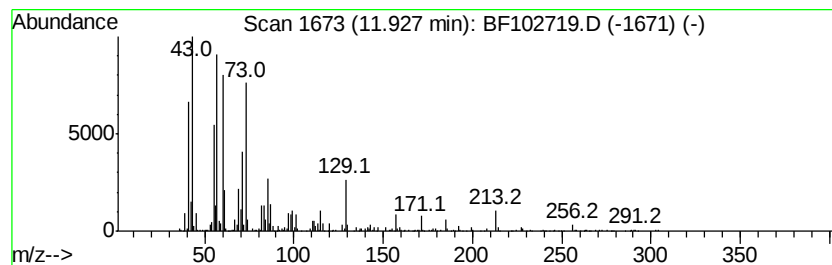
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	10.13 ng	586557	Phenanthrene-d10	11.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
2		Tridecanoic acid	214	C13H26O2	000638-53-9	72
3		Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	68
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	68
5		n-Decanoic acid	172	C10H20O2	000334-48-5	64



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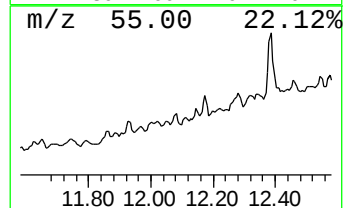
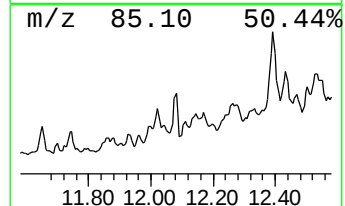
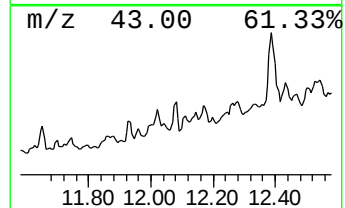
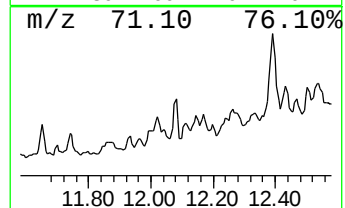
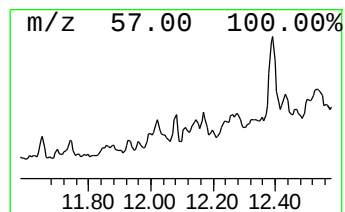
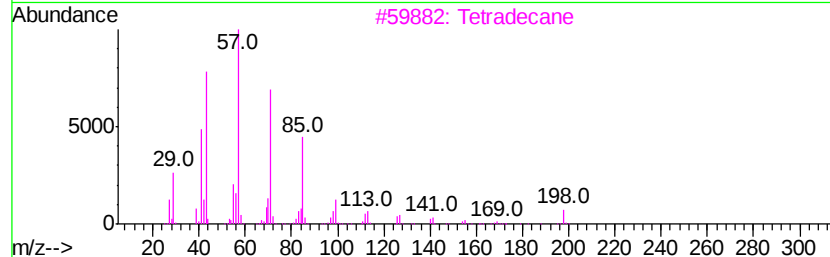
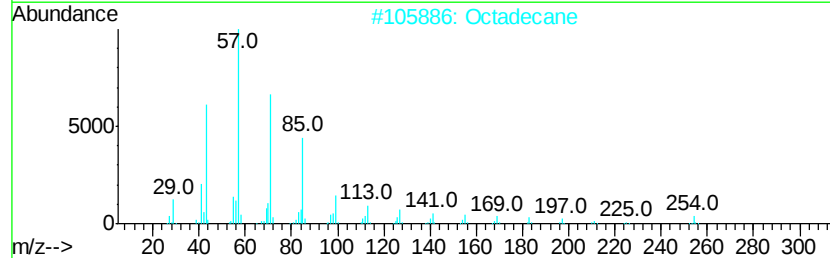
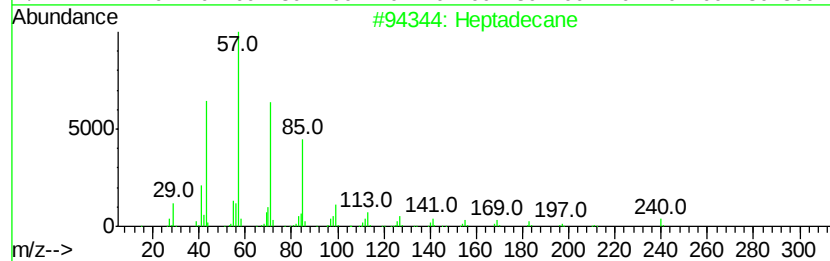
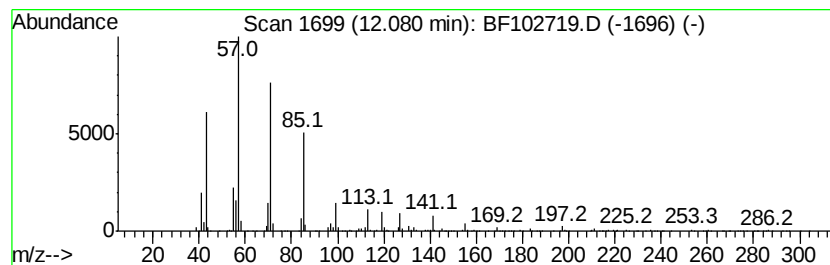
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Heptadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.08	9.69 ng	561327	Phenanthrene-d10	11.40

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	90
2			Octadecane	254	C18H38	000593-45-3	90
3			Tetradecane	198	C14H30	000629-59-4	87
4			2-methyloctacosane	408	C29H60	1000376-72-8	86
5			2-Bromotetradecane	276	C14H29Br	074036-95-6	86



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Acq On : 3 Feb 2018 16:15
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ClientSampleId :
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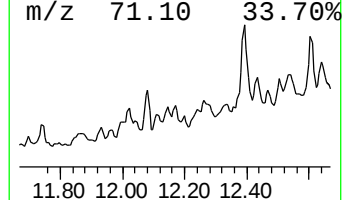
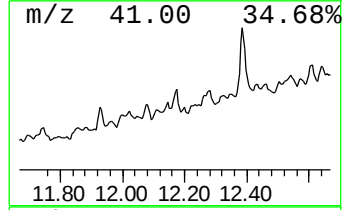
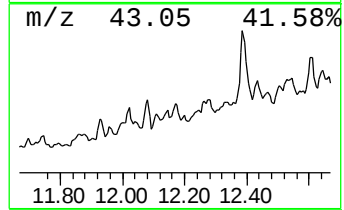
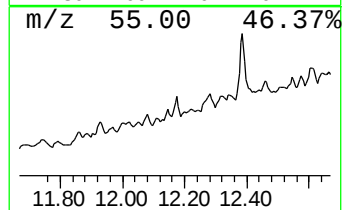
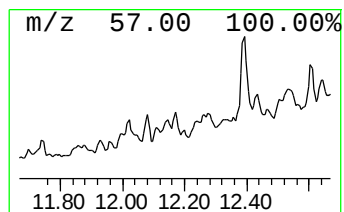
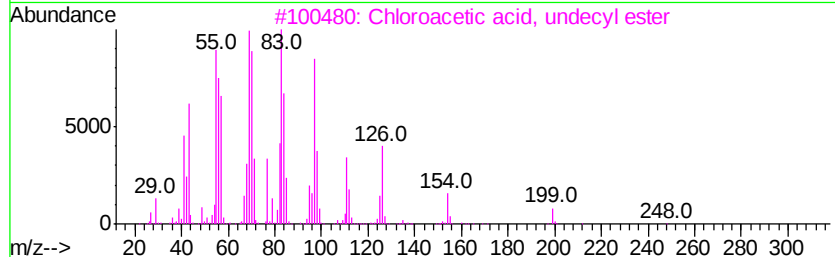
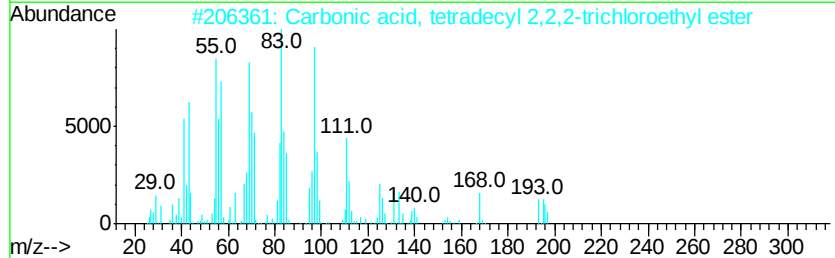
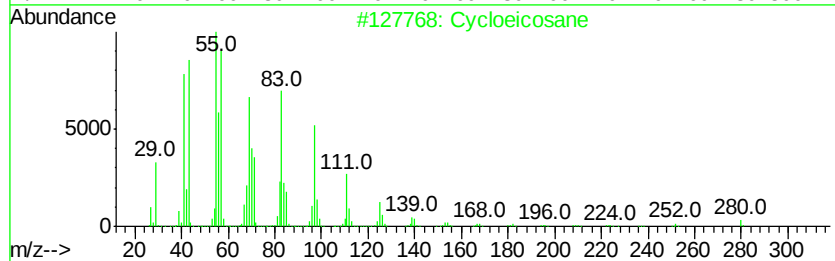
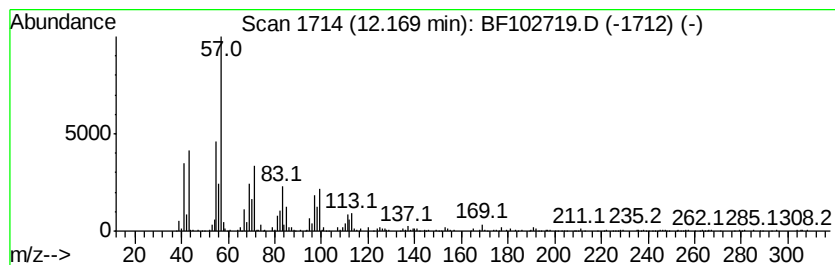
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Cycloeicosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.17	9.58 ng	554791	Phenanthrene-d10	11.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cycloeicosane	280	C20H40	000296-56-0	86
2		Carbonic acid, tetradecyl 2,2,2-...	388	C17H31Cl3O3	1000314-56-0	80
3		Chloroacetic acid, undecyl ester	248	C13H25ClO2	005458-29-7	62
4		1-Tetradecene	196	C14H28	001120-36-1	58
5		8-Heptadecene	238	C17H34	002579-04-6	58



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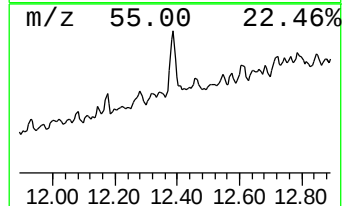
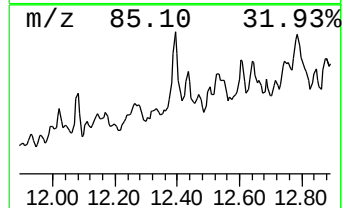
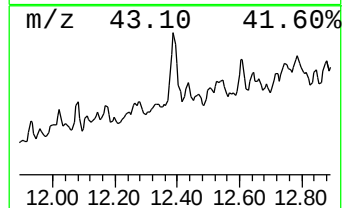
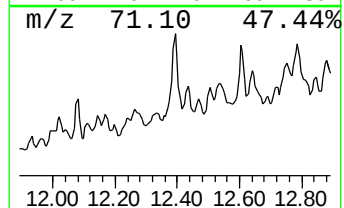
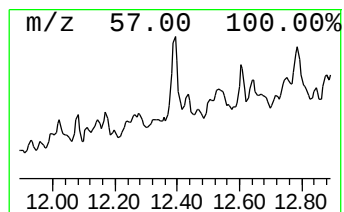
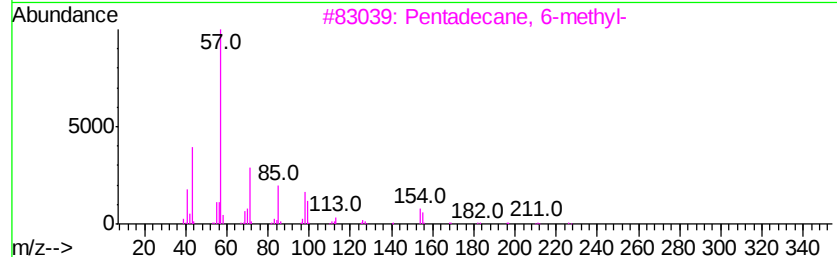
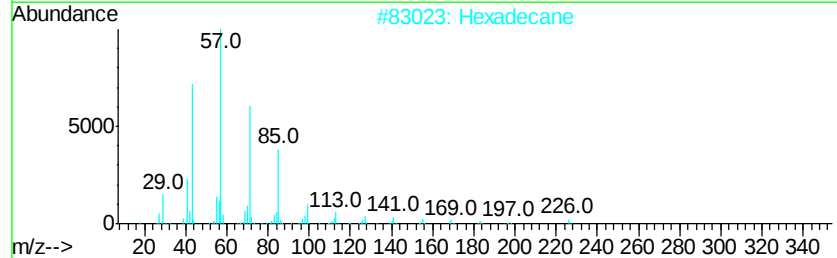
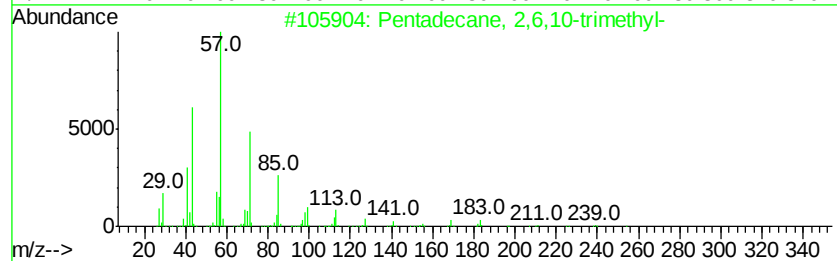
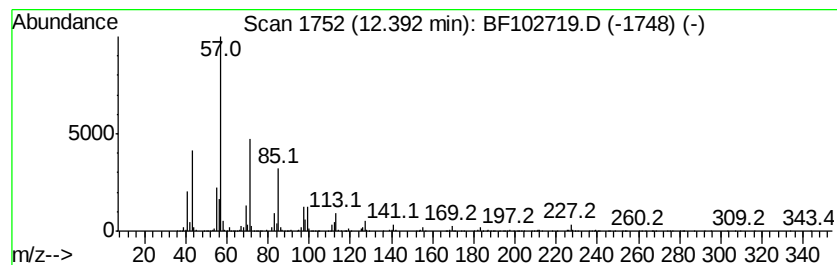
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Pentadecane, 2,6,10-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.39	46.74 ng	2706170	Phenanthrene-d10	11.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	70
2		Hexadecane	226	C16H34	000544-76-3	46
3		Pentadecane, 6-methyl-	226	C16H34	010105-38-1	46
4		Pentadecane, 2-methyl-	226	C16H34	001560-93-6	43
5		Hexatriacontane	507	C36H74	000630-06-8	43



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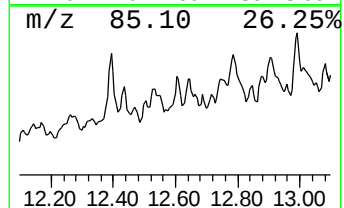
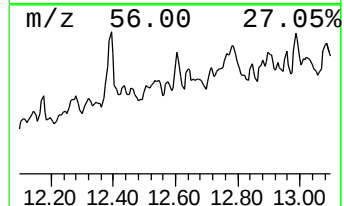
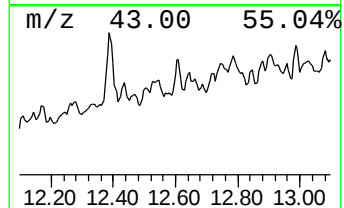
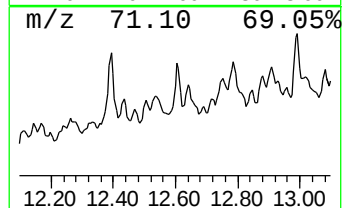
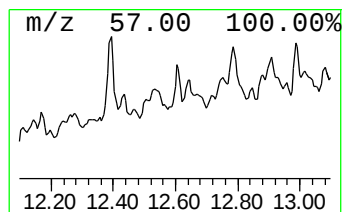
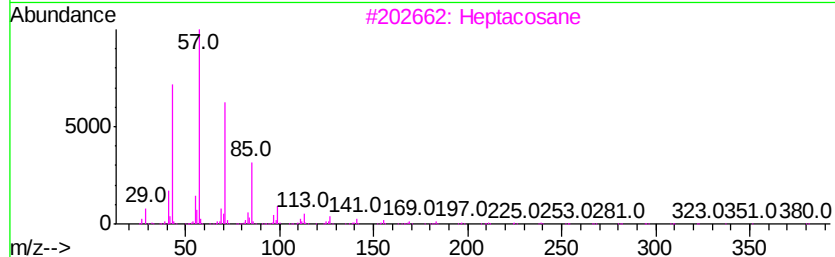
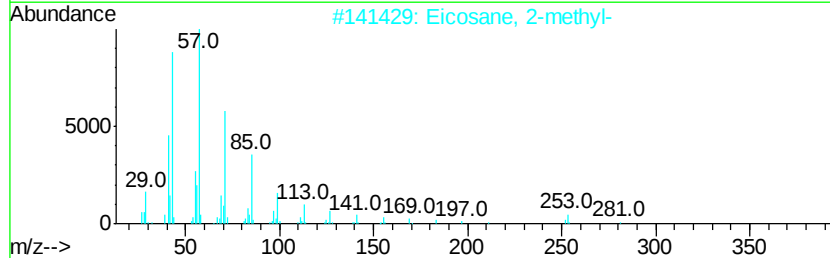
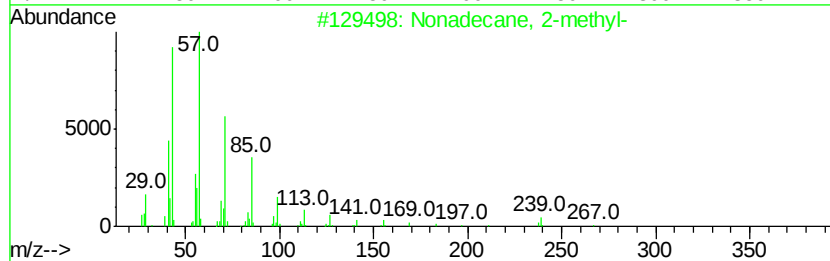
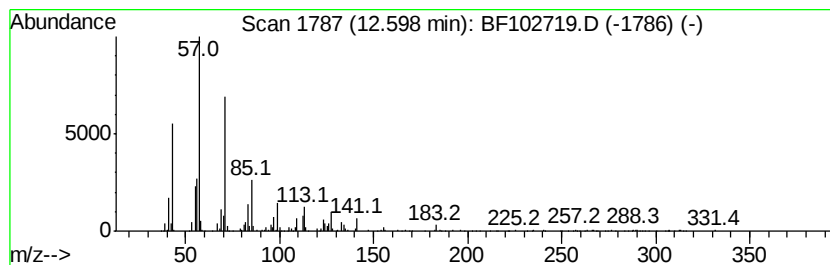
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Nonadecane, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.60	17.31 ng	1002050	Phenanthrene-d10	11.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	86
2		Eicosane, 2-methyl-	296	C21H44	001560-84-5	86
3		Heptacosane	380	C27H56	000593-49-7	72
4		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72
5		Nonane, 5-butyl-	184	C13H28	017312-63-9	60



Data Path : U:\HPCHEM1\BNA_F\DATA\BF020318\
 Data File : BF102719.D
 Acq On : 3 Feb 2018 16:15
 Operator : SJ/JU
 Sample : J1413-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-2

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
Butane, 2-methoxy...	2.16	10.7	ng	586341	1	6.88	1096410	20.0
.alpha.-Pinene	6.16	22.8	ng	1246960	1	6.88	1096410	20.0
.beta.-Pinene	6.59	8.8	ng	481749	1	6.88	1096410	20.0
unknown6.65	6.65	90.2	ng	4942990	1	6.88	1096410	20.0
1-Hexanol, 2-ethyl-	6.95	75.4	ng	4135100	1	6.88	1096410	20.0
Hexanoic acid, 2-...	7.55	9.1	ng	668590	2	8.16	1478350	20.0
unknown9.79	9.79	3.5	ng	261886	3	9.92	1482660	20.0
unknown9.83	9.83	3.3	ng	247575	3	9.92	1482660	20.0
Dichloroacetic ac...	10.32	4.3	ng	320859	3	9.92	1482660	20.0
Heptacosane	10.57	9.1	ng	674428	3	9.92	1482660	20.0
Undecane, 6-ethyl-	10.83	19.7	ng	1142630	4	11.40	1158020	20.0
Dodecane, 2-methy...	11.27	4.0	ng	228598	4	11.40	1158020	20.0
Bacchotricuneatin c	11.65	6.9	ng	401433	4	11.40	1158020	20.0
n-Hexadecanoic acid	11.93	10.1	ng	586557	4	11.40	1158020	20.0
Heptadecane	12.08	9.7	ng	561327	4	11.40	1158020	20.0
Cycloeicosane	12.17	9.6	ng	554791	4	11.40	1158020	20.0
Pentadecane, 2,6,...	12.39	46.7	ng	2706170	4	11.40	1158020	20.0
Nonadecane, 2-met...	12.60	17.3	ng	1002050	4	11.40	1158020	20.0