

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF022218\
 Data File : BF103165.D
 Acq On : 22 Feb 2018 16:37
 Operator : SJ/JU
 Sample : J1638-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 3-4-DENSE-GRADE-AGG-RCA

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-BF022218.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	2.140	3	9	16	rVB	953714	1253042	34.73%	3.116%
2	5.092	507	511	521	rVB	564924	677139	18.77%	1.684%
3	5.492	575	579	591	rBV	3101120	3058823	84.77%	7.608%
4	6.128	682	687	699	rBV	105805	169609	4.70%	0.422%
5	6.416	734	736	746	rBV	210102	259435	7.19%	0.645%
6	6.504	746	751	767	rVB	2959297	3396924	94.14%	8.449%
7	6.639	770	774	778	rBV	3152136	3121902	86.52%	7.765%
8	6.698	781	784	788	rVB	86216	73602	2.04%	0.183%
9	6.786	797	799	803	rBV	63519	58099	1.61%	0.144%
10	6.869	809	813	817	rBV	1377148	1129223	31.30%	2.809%
11	7.028	834	840	843	rBV	3035171	2811938	77.93%	6.994%
12	7.434	904	909	912	rBV	2403722	2349869	65.12%	5.844%
13	8.051	1010	1014	1020	rBV	201328	207207	5.74%	0.515%
14	8.151	1028	1031	1038	rVB	1696124	1506002	41.74%	3.746%
15	8.222	1041	1043	1052	rVB2	30117	46771	1.30%	0.116%
16	8.304	1053	1057	1065	rBV2	25783	55803	1.55%	0.139%
17	8.733	1127	1130	1133	rBV	96766	72311	2.00%	0.180%
18	9.227	1209	1214	1217	rBV	3904351	3608289	100.00%	8.974%
19	9.298	1223	1226	1229	rBV	236596	179466	4.97%	0.446%
20	9.333	1229	1232	1235	rVV2	219943	192949	5.35%	0.480%
21	9.557	1264	1270	1271	rBV3	50820	64996	1.80%	0.162%
22	9.616	1276	1280	1285	rBV	403431	378429	10.49%	0.941%
23	9.827	1310	1316	1319	rBV	453412	396171	10.98%	0.985%
24	9.863	1319	1322	1325	rVV	522082	462948	12.83%	1.151%
25	9.910	1326	1330	1333	rVB	1720191	1484156	41.13%	3.691%
26	10.063	1352	1356	1358	rBV2	47480	67570	1.87%	0.168%
27	10.116	1362	1365	1368	rVV2	77270	72584	2.01%	0.181%
28	10.151	1368	1371	1374	rVV3	92771	101220	2.81%	0.252%
29	10.186	1374	1377	1380	rVB2	65039	59727	1.66%	0.149%
30	10.222	1380	1383	1386	rBV4	28354	38781	1.07%	0.096%
31	10.327	1394	1401	1404	rBV2	583131	604535	16.75%	1.504%
32	10.457	1420	1423	1424	rBV2	44007	39070	1.08%	0.097%
33	10.474	1424	1426	1432	rVB	141662	122165	3.39%	0.304%
34	10.527	1432	1435	1436	rBV	139949	120417	3.34%	0.299%

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF022218\
 Data File : BF103165.D
 Acq On : 22 Feb 2018 16:37
 Operator : SJ/JU
 Sample : J1638-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 3-4-DENSE-GRADE-AGG-RCA

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-BF022218.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.545	1436	1438	1441	rVV	154362	153109	4.24%	0.381%
36	10.604	1445	1448	1451	rBV3	46705	48477	1.34%	0.121%
37	10.669	1456	1459	1461	rVB2	60007	46836	1.30%	0.116%
38	10.698	1461	1464	1471	rBV	1163845	1060229	29.38%	2.637%
39	10.804	1479	1482	1487	rBV	513846	629491	17.45%	1.566%
40	10.874	1491	1494	1496	rBV	41033	41859	1.16%	0.104%
41	10.939	1502	1505	1511	rBV4	50396	65539	1.82%	0.163%
42	11.010	1511	1517	1519	rBV3	85311	140135	3.88%	0.349%
43	11.057	1523	1525	1527	rVB3	49416	37421	1.04%	0.093%
44	11.086	1528	1530	1533	rVB	65638	50534	1.40%	0.126%
45	11.127	1534	1537	1539	rBV3	51105	53984	1.50%	0.134%
46	11.204	1547	1550	1552	rBV	40599	40150	1.11%	0.100%
47	11.251	1555	1558	1560	rVV	459229	372563	10.33%	0.927%
48	11.280	1560	1563	1569	rVB2	192982	234669	6.50%	0.584%
49	11.398	1579	1583	1585	rBV	1438743	1283953	35.58%	3.193%
50	11.421	1585	1587	1593	rVV	525780	464167	12.86%	1.154%
51	11.474	1593	1596	1598	rVB	79722	69351	1.92%	0.172%
52	11.563	1608	1611	1615	rBV	168145	153528	4.25%	0.382%
53	11.627	1620	1622	1627	rVV	94372	95005	2.63%	0.236%
54	11.674	1627	1630	1634	rVV	353168	286953	7.95%	0.714%
55	11.774	1645	1647	1651	rVB2	49922	46803	1.30%	0.116%
56	11.910	1666	1670	1671	rBV2	72814	84839	2.35%	0.211%
57	11.927	1671	1673	1678	rVV3	86943	94346	2.61%	0.235%
58	11.974	1679	1681	1683	rVV2	38626	39206	1.09%	0.098%
59	12.010	1685	1687	1693	rVB3	63066	102722	2.85%	0.255%
60	12.086	1697	1700	1702	rBV	302378	244730	6.78%	0.609%
61	12.227	1722	1724	1728	rBV4	44947	63859	1.77%	0.159%
62	12.368	1745	1748	1751	rBV2	60176	69700	1.93%	0.173%
63	12.474	1763	1766	1770	rVB	246311	256223	7.10%	0.637%
64	12.574	1781	1783	1785	rBV3	49849	45198	1.25%	0.112%
65	12.616	1786	1790	1793	rVV	502799	484255	13.42%	1.204%
66	12.845	1826	1829	1832	rVB	520401	404141	11.20%	1.005%
67	12.986	1848	1853	1856	rBV	2258066	2228598	61.76%	5.543%
68	13.198	1887	1889	1892	rVB	144067	125405	3.48%	0.312%
69	13.868	2000	2003	2006	rBV	455240	461840	12.80%	1.149%
70	14.045	2029	2033	2036	rBV2	870282	984632	27.29%	2.449%
71	15.545	2284	2288	2296	rBV	647033	901428	24.98%	2.242%

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF022218\
Data File : BF103165.D
Acq On : 22 Feb 2018 16:37
Operator : SJ/JU
Sample : J1638-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
3-4-DENSE-GRADE-AGG-RCA

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

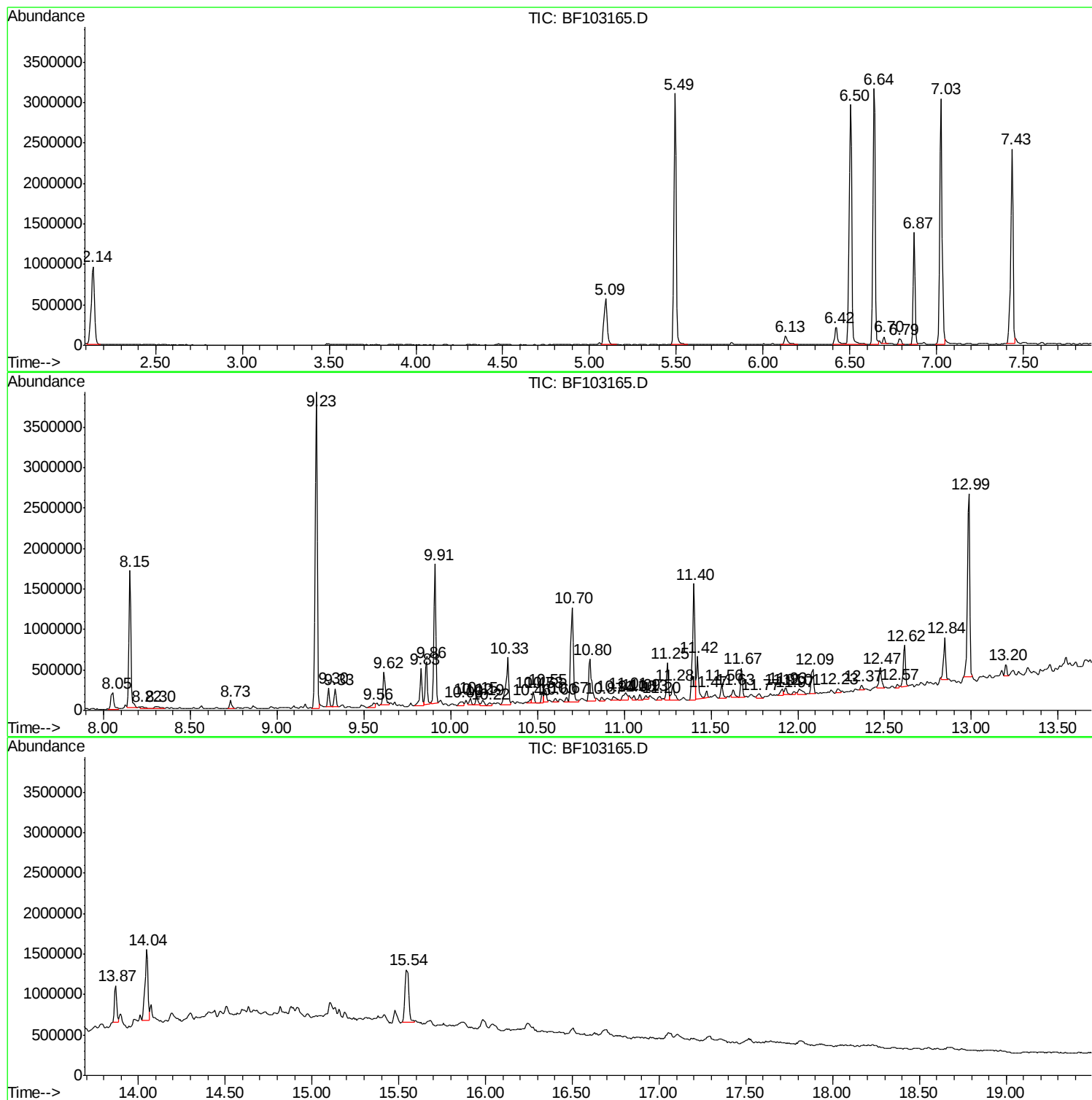
Sum of corrected areas: 40207050

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF022218\
Data File : BF103165.D
Acq On : 22 Feb 2018 16:37
Operator : SJ/JU
Sample : J1638-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
3-4-DENSE-GRADE-AGG-RCA

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF022218\
Data File : BF103165.D
Acq On : 22 Feb 2018 16:37
Operator : SJ/JU
Sample : J1638-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
3-4-DENSE-GRADE-AGG-RCA

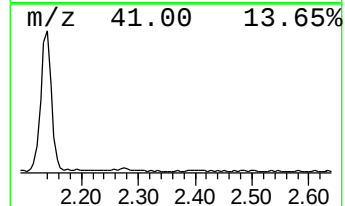
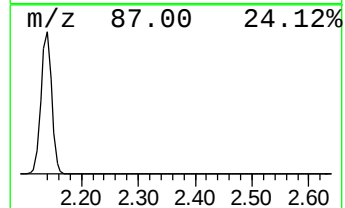
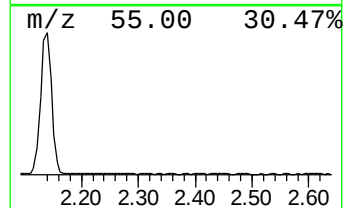
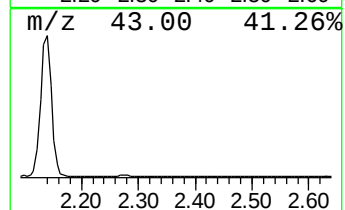
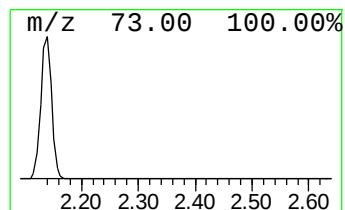
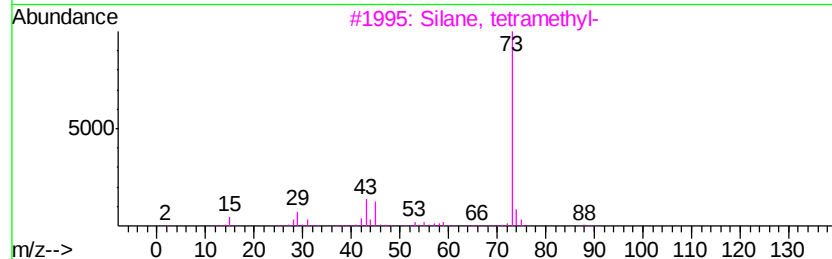
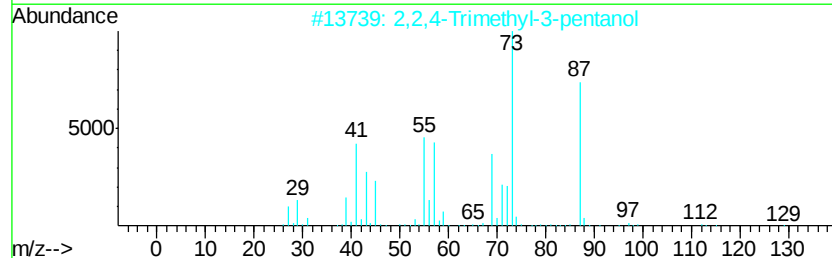
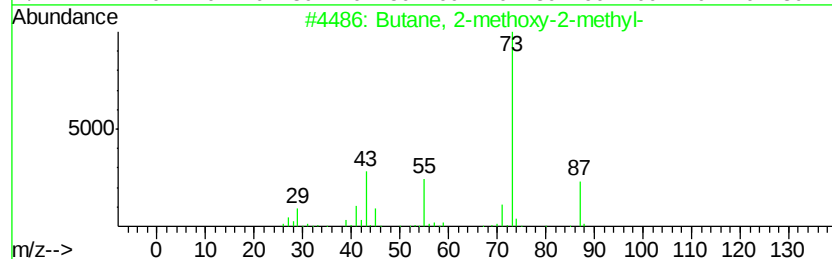
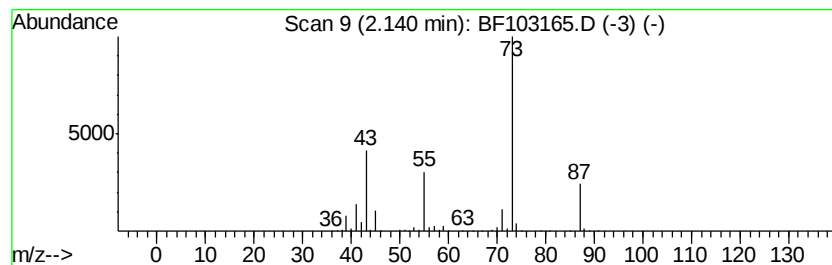
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.14	22.19 ng	1253040	1,4-Dichlorobenzene-d4	6.87

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, tetramethyl-	88	C4H12Si	000075-76-3	38
4		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
5		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF022218\
Data File : BF103165.D
Acq On : 22 Feb 2018 16:37
Operator : SJ/JU
Sample : J1638-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
3-4-DENSE-GRADE-AGG-RCA

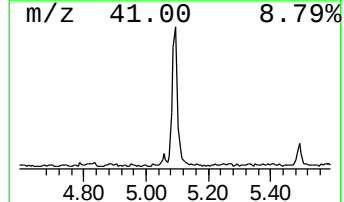
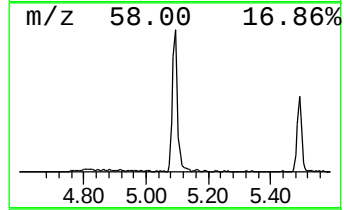
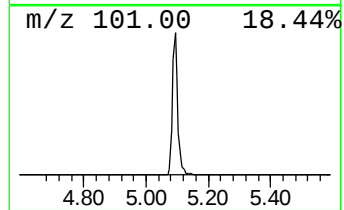
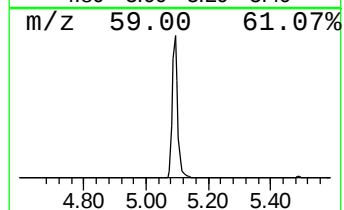
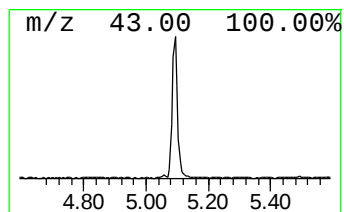
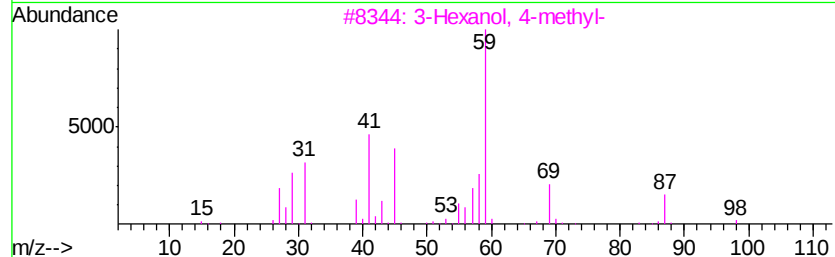
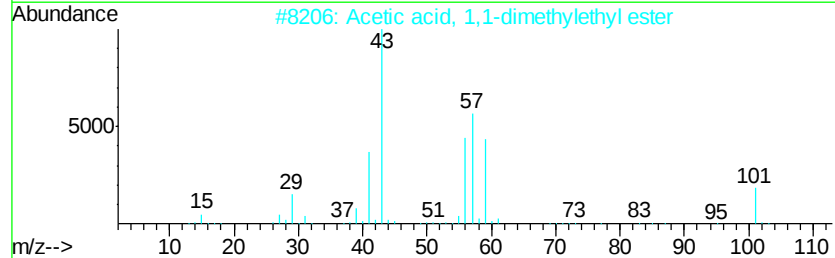
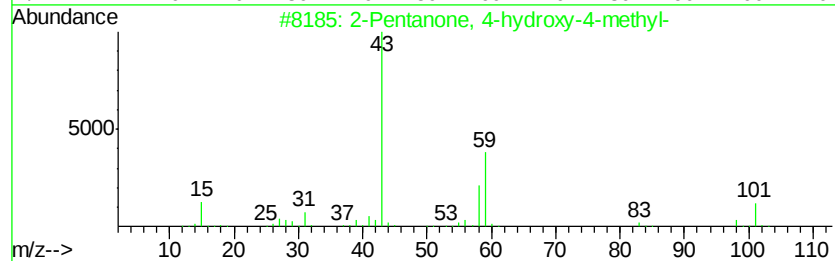
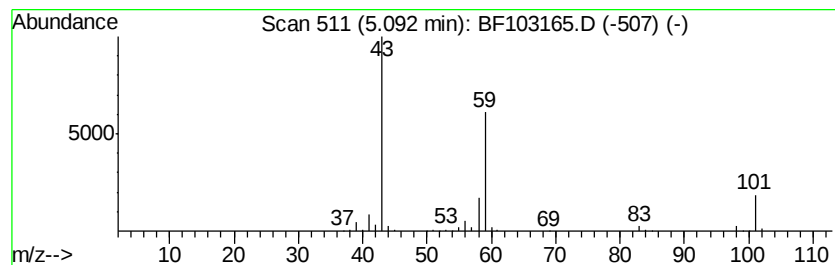
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.09	11.99 ng	677139	1,4-Dichlorobenzene-d4	6.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
5			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF022218\
Data File : BF103165.D
Acq On : 22 Feb 2018 16:37
Operator : SJ/JU
Sample : J1638-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
3-4-DENSE-GRADE-AGG-RCA

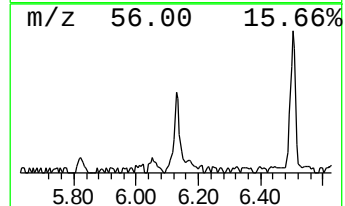
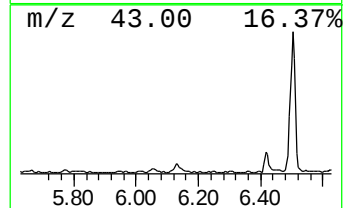
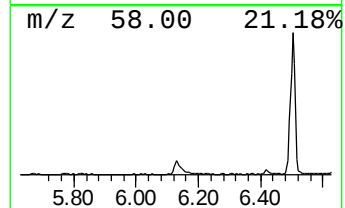
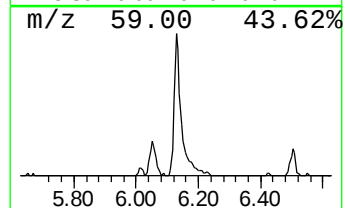
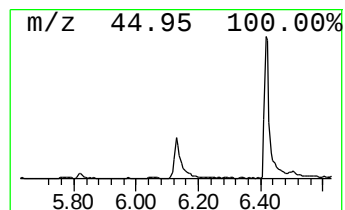
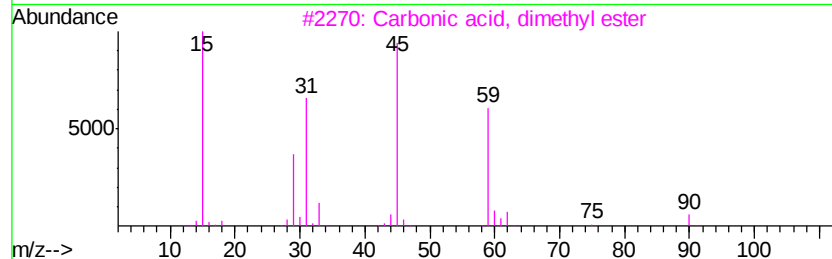
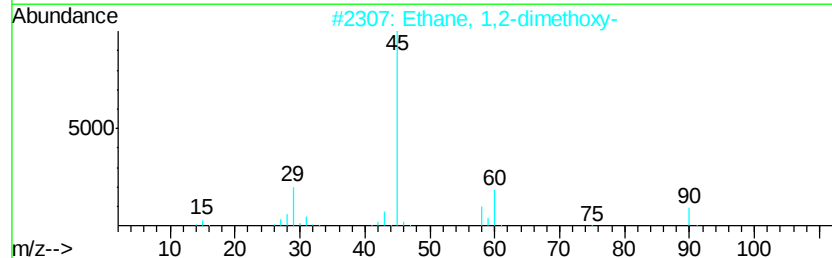
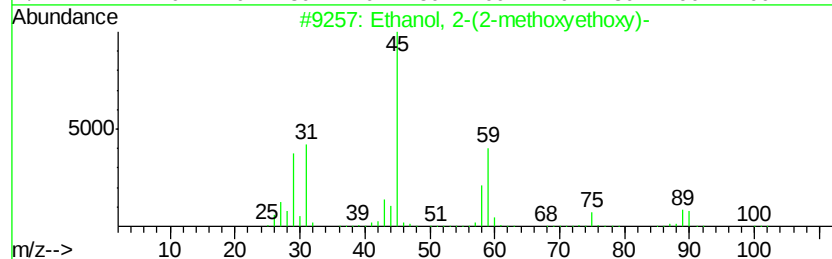
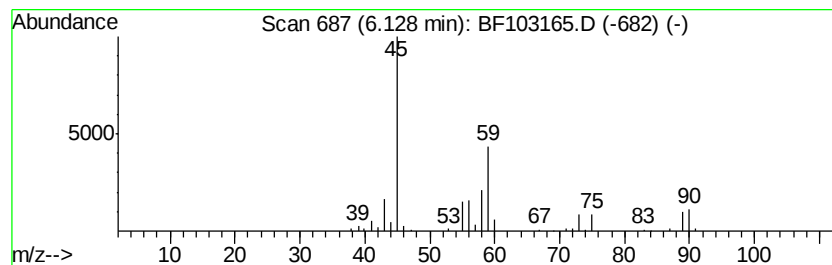
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Ethanol, 2-(2-methoxyethoxy)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.13	3.00 ng	169609	1,4-Dichlorobenzene-d4	6.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	78
2		Ethane, 1,2-dimethoxy-	90	C4H10O2	000110-71-4	38
3		Carbonic acid, dimethyl ester	90	C3H6O3	000616-38-6	36
4		2-Pentanol, 3-methyl-	102	C6H14O	000565-60-6	23
5		Ethyl ether	74	C4H10O	000060-29-7	23



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF022218\
Data File : BF103165.D
Acq On : 22 Feb 2018 16:37
Operator : SJ/JU
Sample : J1638-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

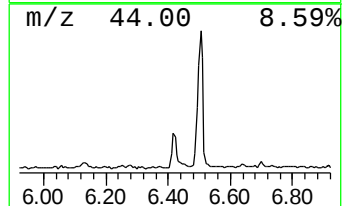
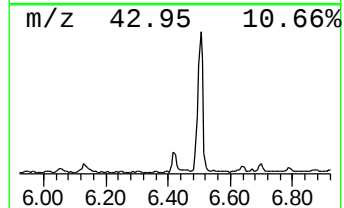
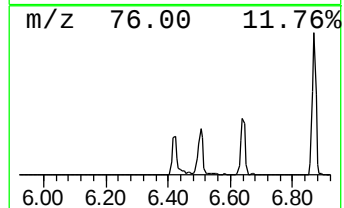
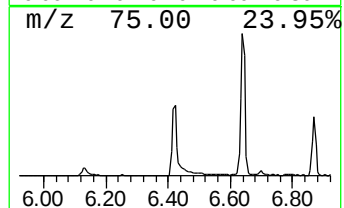
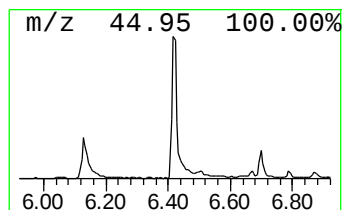
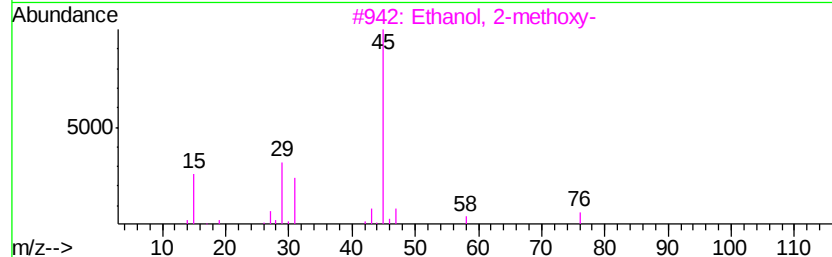
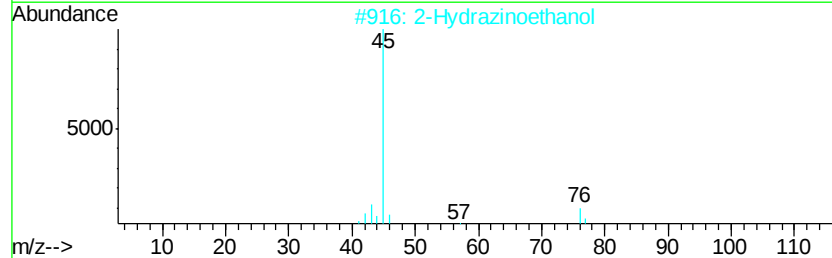
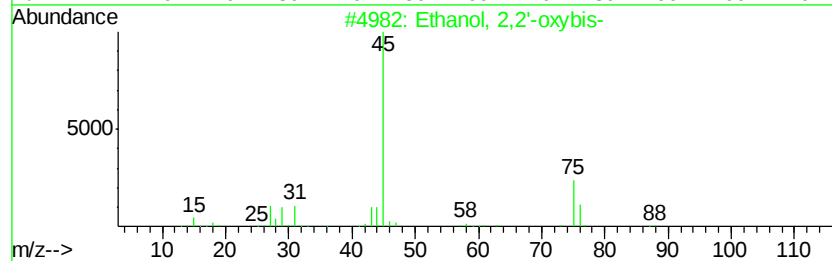
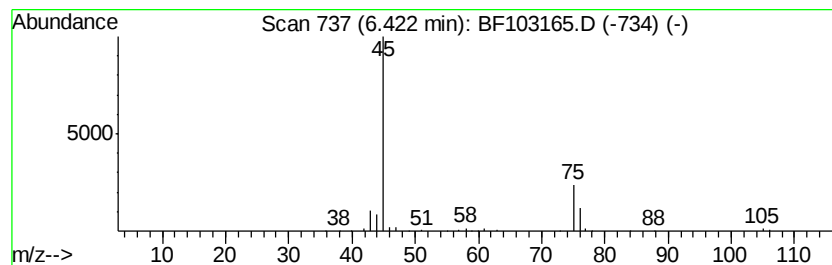
Instrument :
BNA_F
ClientSampleId :
3-4-DENSE-GRADE-AGG-RCA

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Ethanol, 2,2'-oxybis- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
6.42	4.59 ng	259435	1,4-Dichlorobenzene-d4	6.87	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2,2'-oxybis-	106	C4H10O3	000111-46-6	83
2	2-Hydrazinoethanol	76	C2H8N2O	000109-84-2	9
3	Ethanol, 2-methoxy-	76	C3H8O2	000109-86-4	9
4	2-Propanol, 1,3-dimethoxy-	120	C5H12O3	000623-69-8	9
5	2-Butanol, 3-methyl-	88	C5H12O	000598-75-4	9



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF022218\
Data File : BF103165.D
Acq On : 22 Feb 2018 16:37
Operator : SJ/JU
Sample : J1638-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

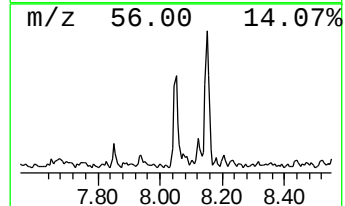
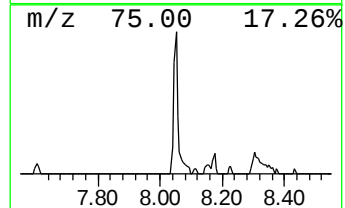
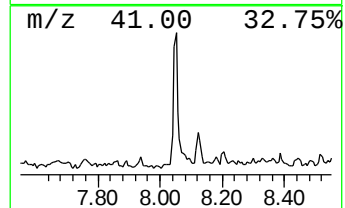
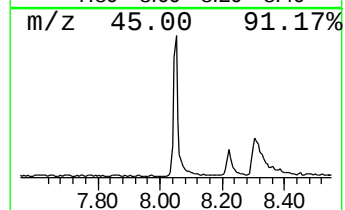
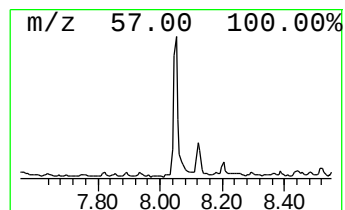
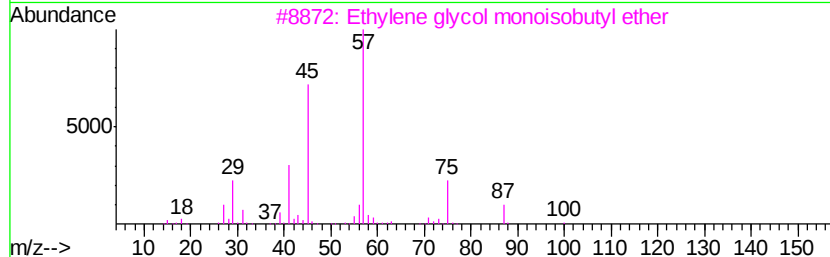
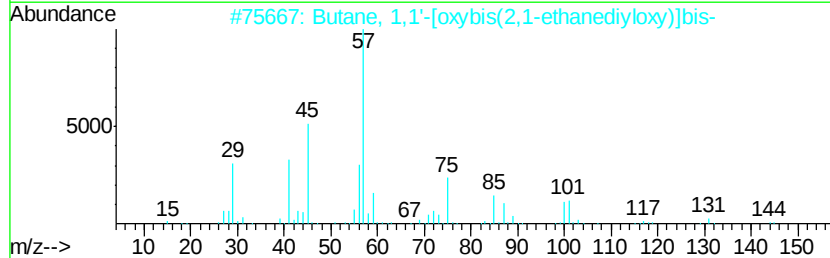
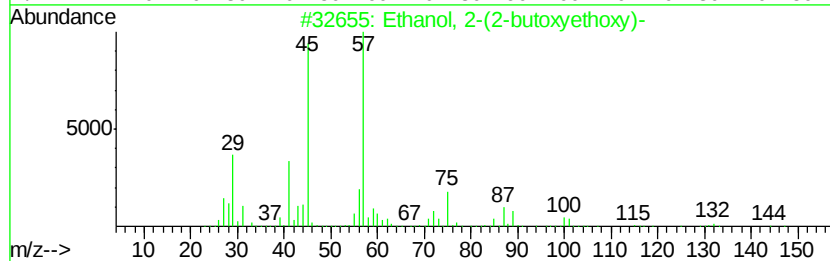
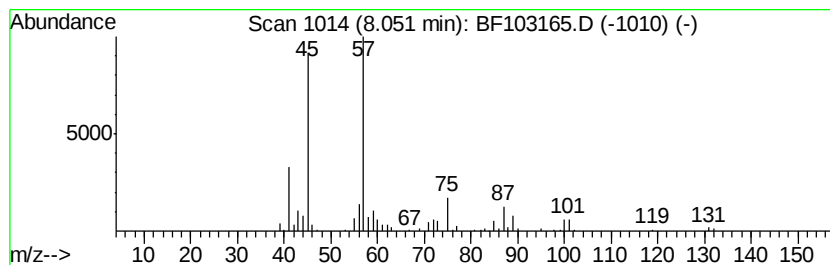
Instrument :
BNA_F
ClientSampleId :
3-4-DENSE-GRADE-AGG-RCA

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.		
8.05	2.75 ng	207207	Naphthalene-d8	8.15		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2		Butane, 1,1'-[oxybis(2,1-ethaned...	218	C12H26O3	000112-73-2	78
3		Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	59
4		3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	53
5		Methoxyacetic acid, heptyl ester	188	C10H20O3	168920-36-3	50



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF022218\
Data File : BF103165.D
Acq On : 22 Feb 2018 16:37
Operator : SJ/JU
Sample : J1638-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

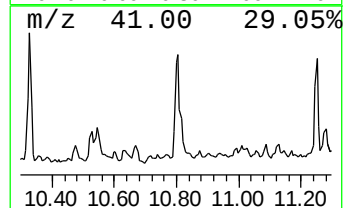
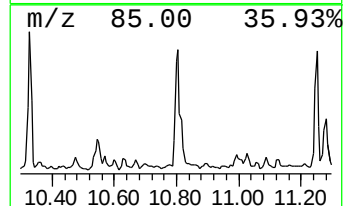
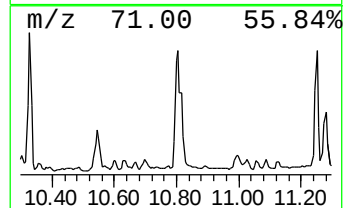
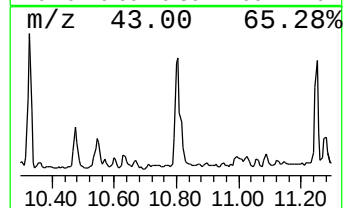
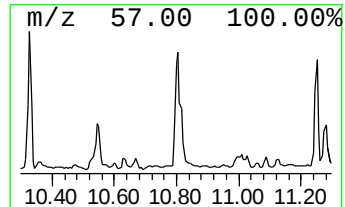
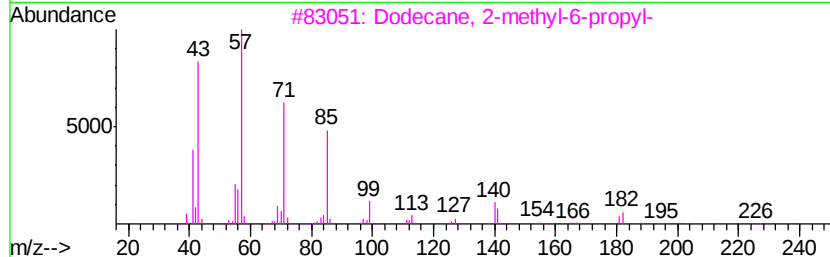
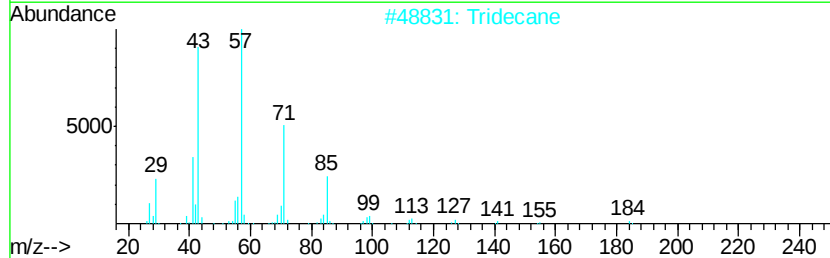
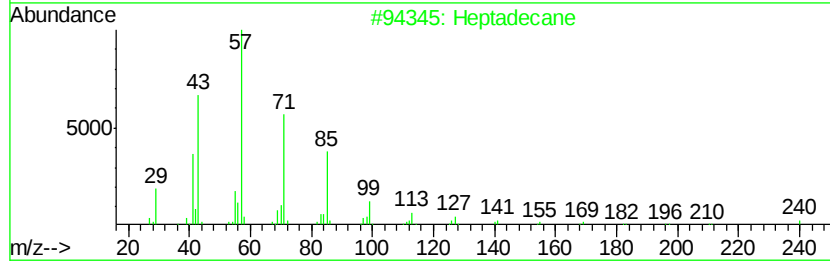
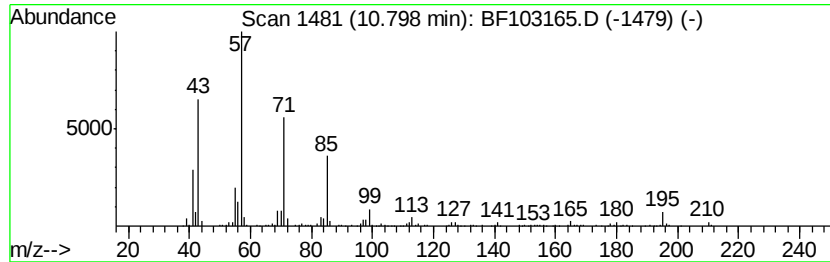
Instrument :
BNA_F
ClientSampleId :
3-4-DENSE-GRADE-AGG-RCA

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Heptadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.80	9.81 ng	629491	Phenanthrene-d10		11.40
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	96
2	Tridecane	184	C13H28	000629-50-5	76
3	Dodecane, 2-methvl-6-propvl-	226	C16H34	055045-08-4	72
4	Hexadecane	226	C16H34	000544-76-3	72
5	Decane, 5-propyl-	184	C13H28	017312-62-8	70



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF022218\
Data File : BF103165.D
Acq On : 22 Feb 2018 16:37
Operator : SJ/JU
Sample : J1638-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

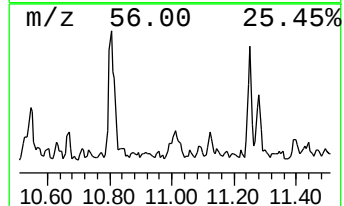
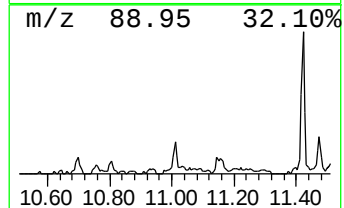
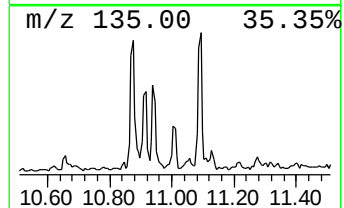
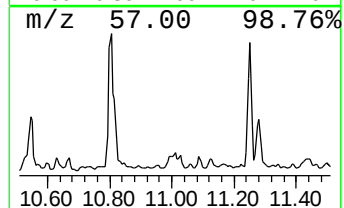
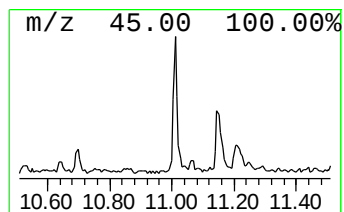
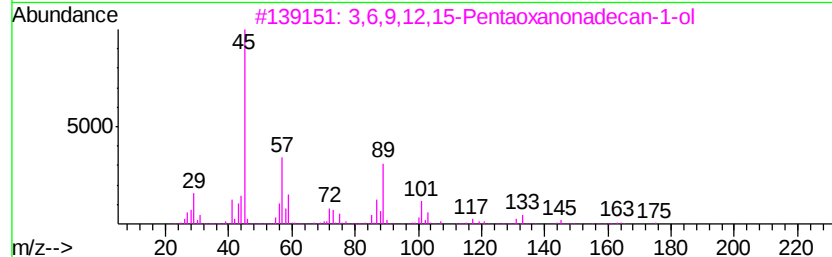
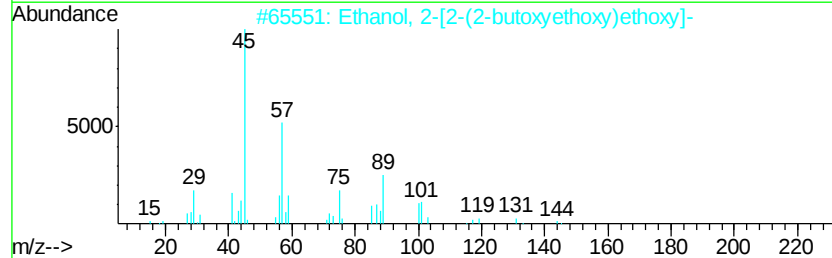
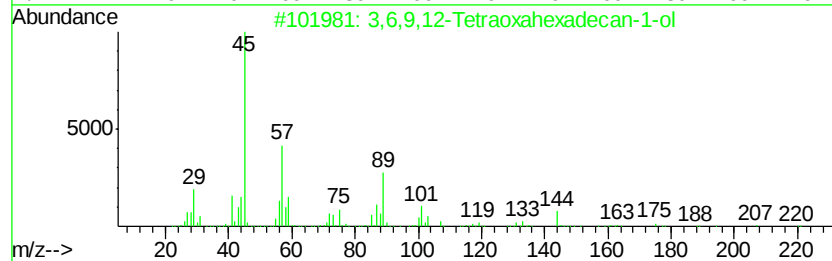
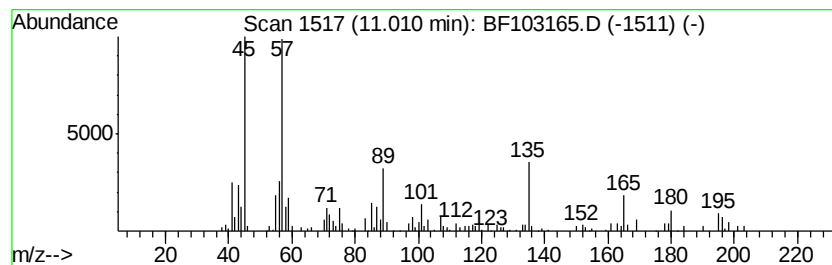
Instrument :
BNA_F
ClientSampleId :
3-4-DENSE-GRADE-AGG-RCA

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 3,6,9,12-Tetraoxahexadecan-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.		
11.01	2.18 ng	140135	Phenanthrene-d10		11.40		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6,9,12-Tetraoxahexadecan-1-ol	250	C12H26O5	001559-34-8	58		
2	Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	52		
3	3,6,9,12,15-Pentaoxanonadecan-1-ol	294	C14H30O6	001786-94-3	50		
4	Hexaethylene glycol	282	C12H26O7	002615-15-8	47		
5	2-[2-[2-[2-[2-[2-(2-Hydroxyet...	370	C16H34O9	005117-19-1	47		



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF022218\
Data File : BF103165.D
Acq On : 22 Feb 2018 16:37
Operator : SJ/JU
Sample : J1638-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
3-4-DENSE-GRADE-AGG-RCA

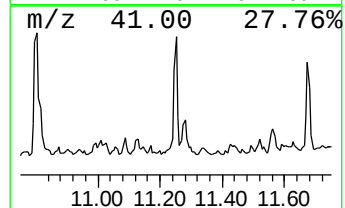
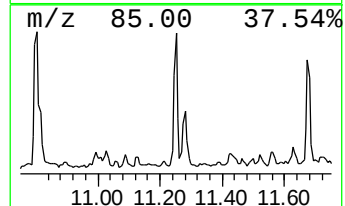
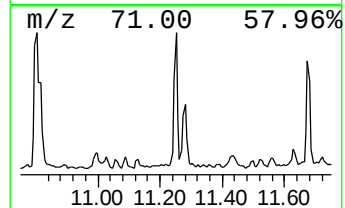
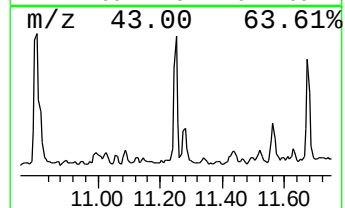
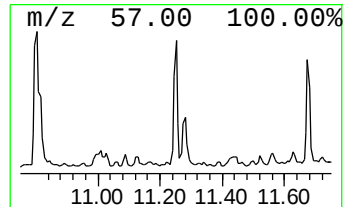
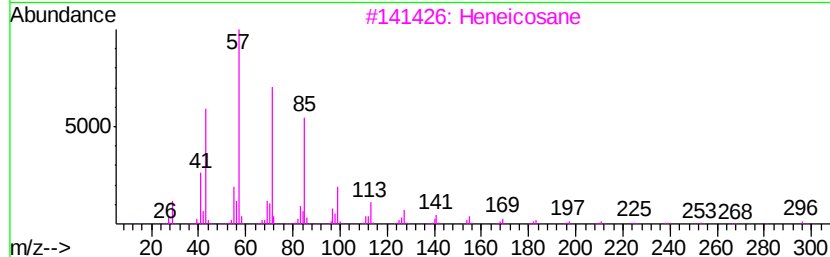
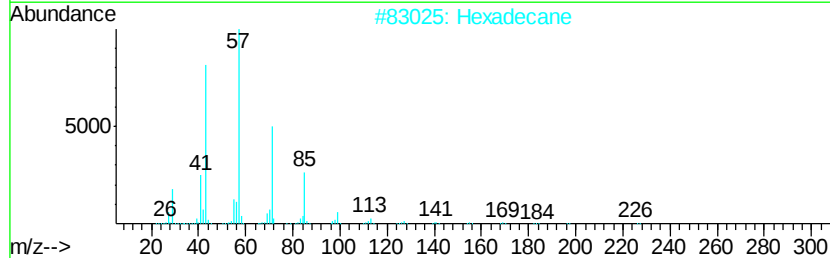
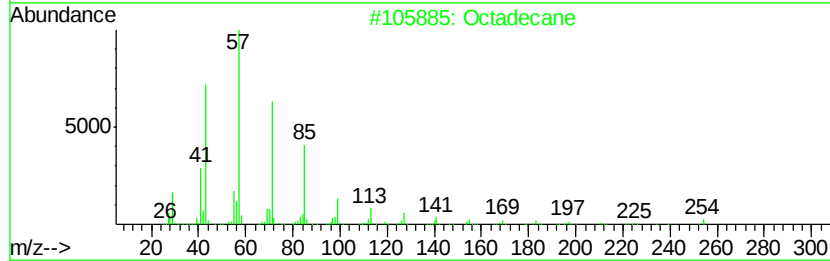
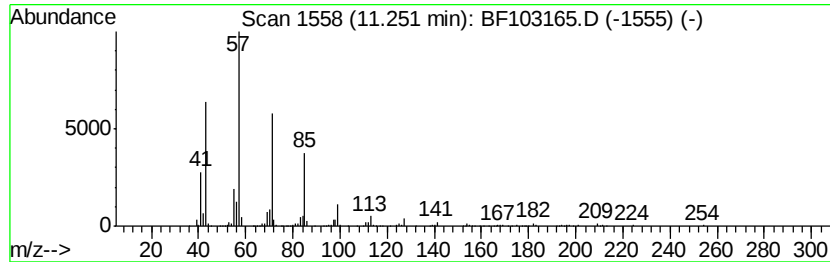
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Octadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.25	5.80 ng	372563	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	91
2	Hexadecane	226	C16H34	000544-76-3	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF022218\
Data File : BF103165.D
Acq On : 22 Feb 2018 16:37
Operator : SJ/JU
Sample : J1638-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
3-4-DENSE-GRADE-AGG-RCA

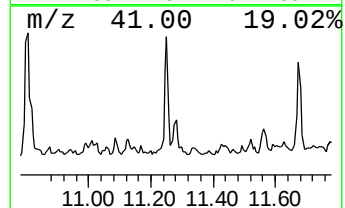
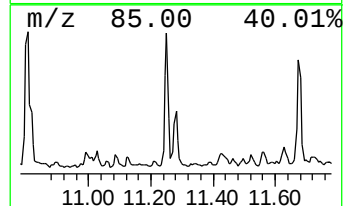
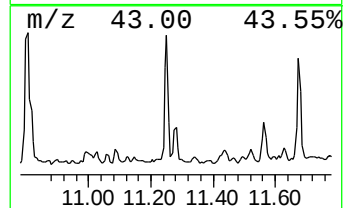
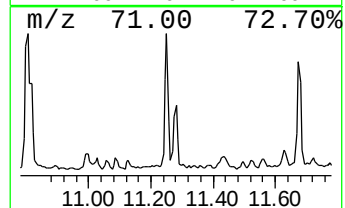
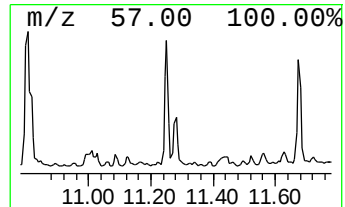
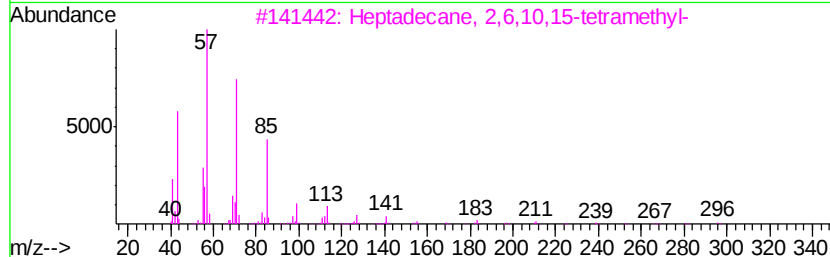
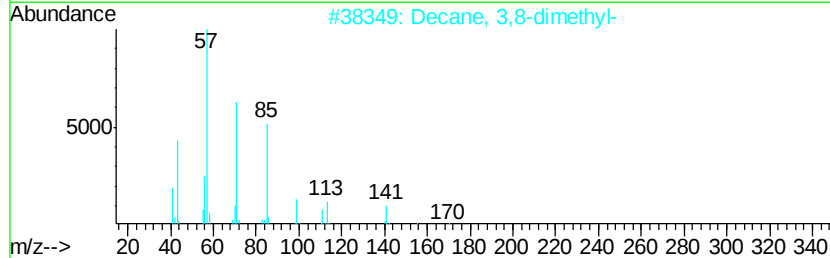
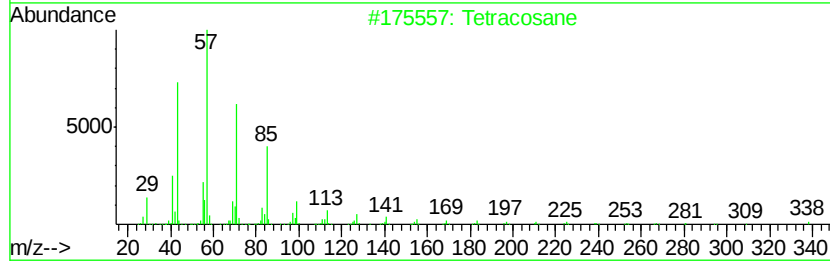
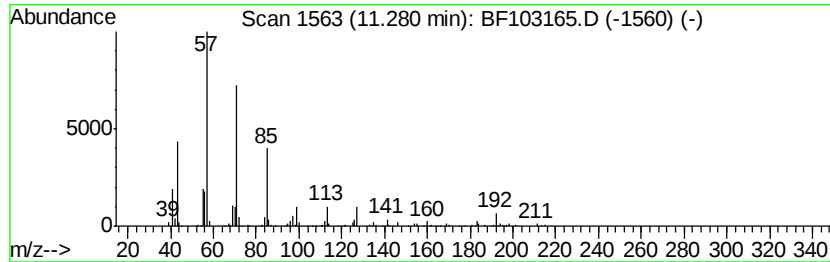
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tetracosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.28	3.66 ng	234669	Phenanthrene-d10	11.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	86
2		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	83
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	83
4		Heptacosane	380	C27H56	000593-49-7	80
5		Docosane	310	C22H46	000629-97-0	78



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF022218\
Data File : BF103165.D
Acq On : 22 Feb 2018 16:37
Operator : SJ/JU
Sample : J1638-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
3-4-DENSE-GRADE-AGG-RCA

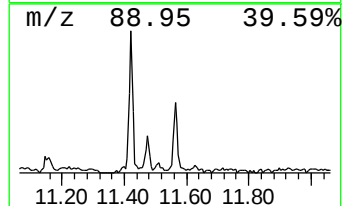
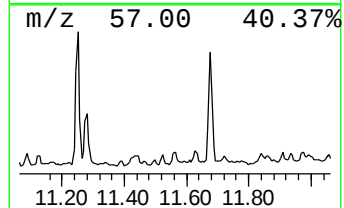
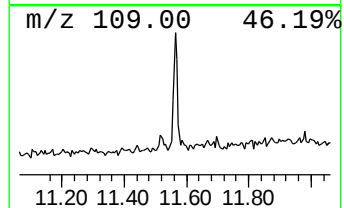
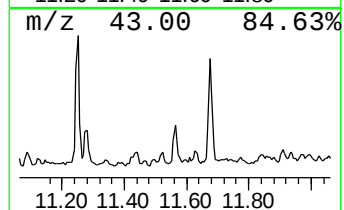
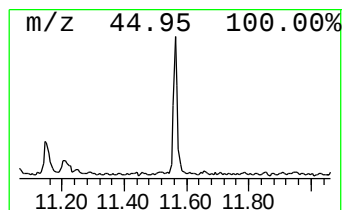
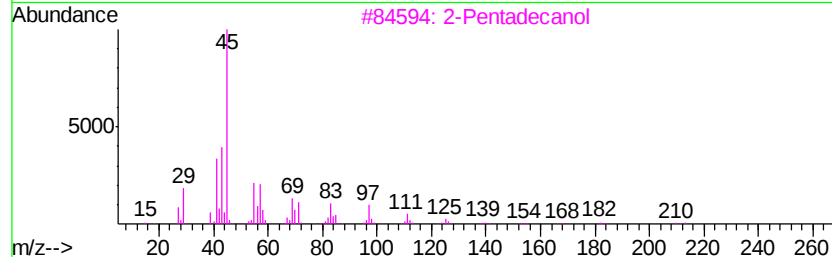
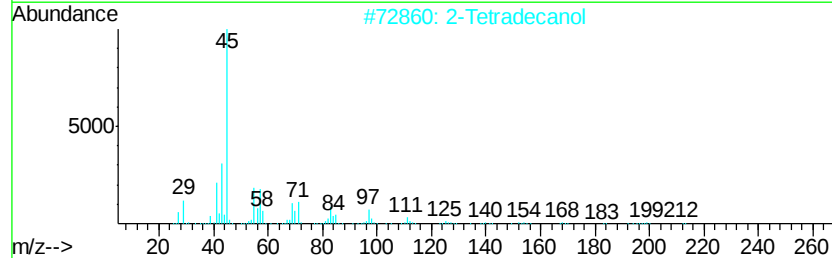
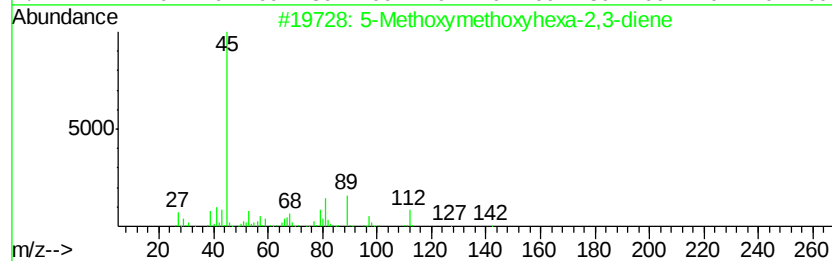
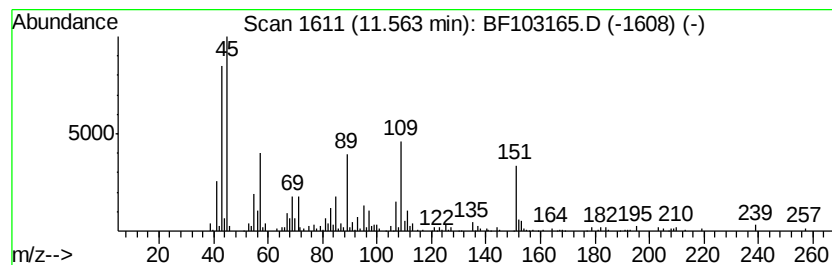
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown11.56 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.56	2.39 ng	153528	Phenanthrene-d10	11.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Methoxymethoxyhexa-2,3-diene	142	C8H14O2	1000190-45-1	27
2		2-Tetradecanol	214	C14H30O	004706-81-4	27
3		2-Pentadecanol	228	C15H32O	001653-34-5	27
4		2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	22
5		Propanoic acid, 2-hydroxy-, 2-me...	146	C7H14O3	000585-24-0	22



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF022218\
Data File : BF103165.D
Acq On : 22 Feb 2018 16:37
Operator : SJ/JU
Sample : J1638-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
3-4-DENSE-GRADE-AGG-RCA

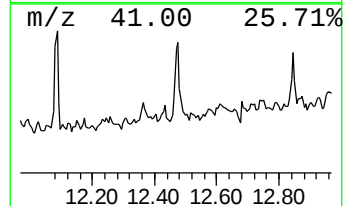
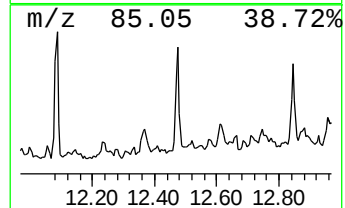
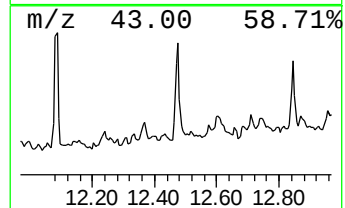
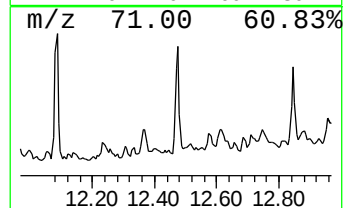
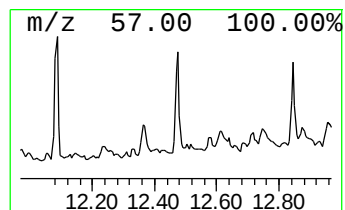
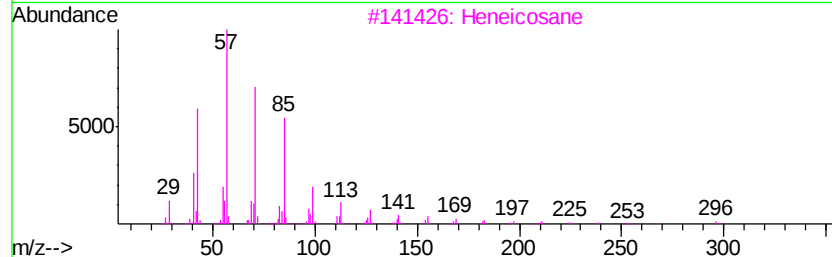
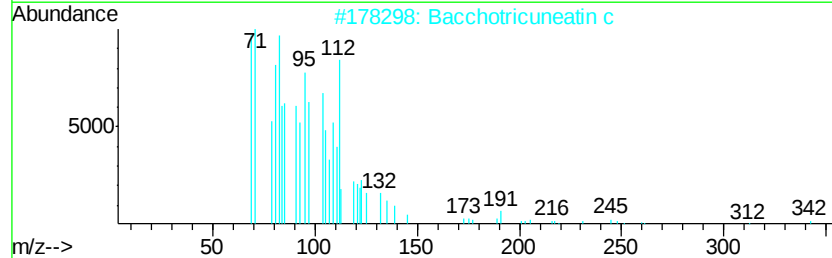
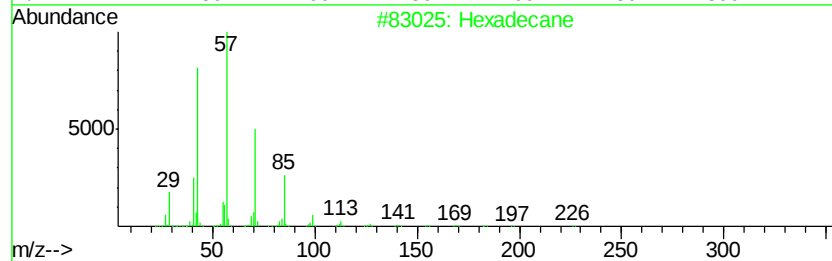
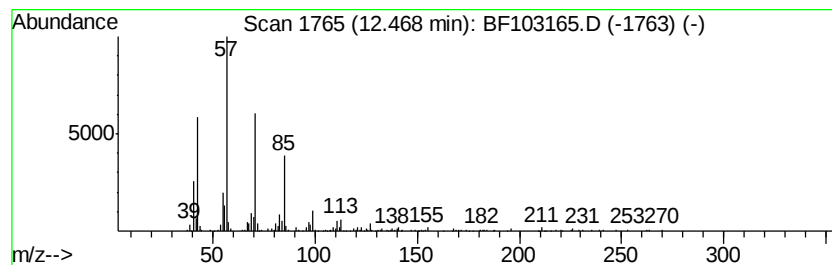
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	3.99 ng	256223	Phenanthrene-d10	11.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	96
2		Bacchotricuneatin c	342	C20H22O5	066563-30-2	93
3		Heneicosane	296	C21H44	000629-94-7	90
4		Pentadecane	212	C15H32	000629-62-9	86
5		Heptacosane	380	C27H56	000593-49-7	81



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF022218\
Data File : BF103165.D
Acq On : 22 Feb 2018 16:37
Operator : SJ/JU
Sample : J1638-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

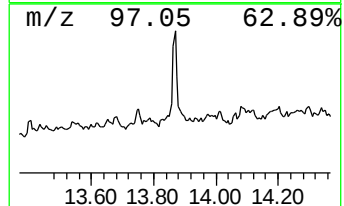
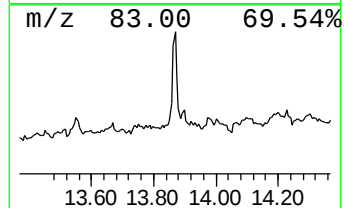
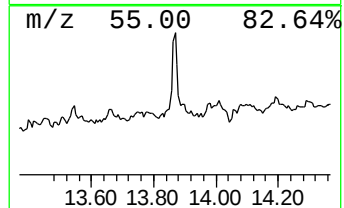
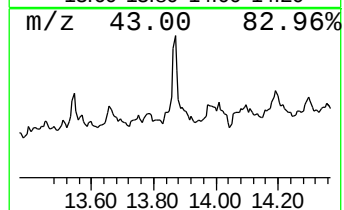
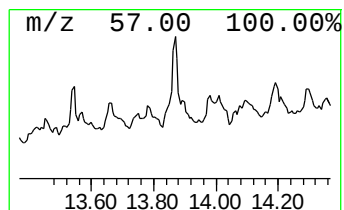
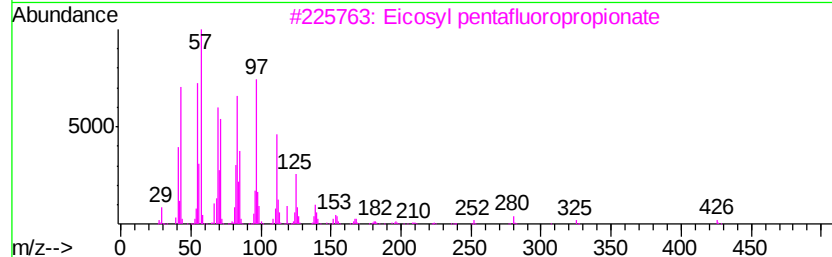
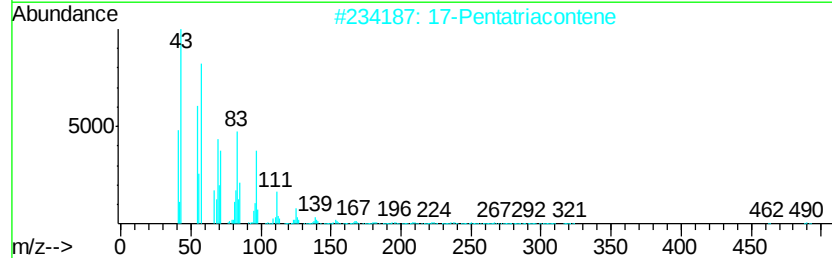
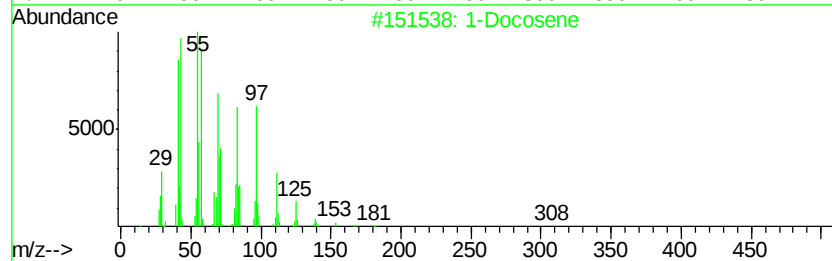
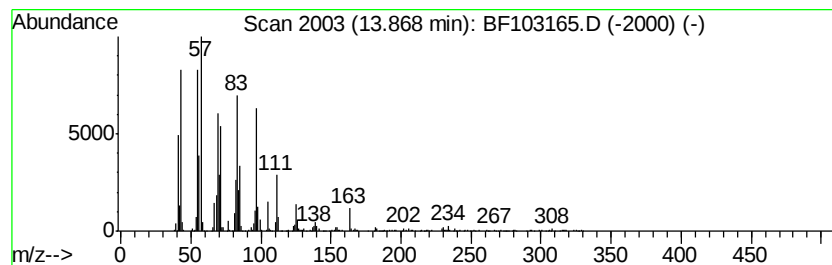
Instrument :
BNA_F
ClientSampleId :
3-4-DENSE-GRADE-AGG-RCA

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 1-Docosene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.		
13.87	9.38 ng	461840	Chrysene-d12		14.04		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Docosene	308	C22H44	001599-67-3	94
2			17-Pentatriacontene	491	C35H70	006971-40-0	91
3			Eicosyl pentafluoropropionate	444	C23H41F5O2	1000351-80-8	91
4			Heptafluorobutyric acid, n-octadecyl ester	466	C22H37F7O2	000400-57-7	87
5			Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	87



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF022218\
 Data File : BF103165.D
 Acq On : 22 Feb 2018 16:37
 Operator : SJ/JU
 Sample : J1638-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 3-4-DENSE-GRADE-AGG-RCA

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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...	2.14	22.2	ng	1253040	1	6.87	1129220	20.0
2-Pentanone, 4-hy...	5.09	12.0	ng	677139	1	6.87	1129220	20.0
Ethanol, 2-(2-met...	6.13	3.0	ng	169609	1	6.87	1129220	20.0
Ethanol, 2,2'-oxy...	6.42	4.6	ng	259435	1	6.87	1129220	20.0
Ethanol, 2-(2-but...	8.05	2.8	ng	207207	2	8.15	1506000	20.0
Heptadecane	10.80	9.8	ng	629491	4	11.40	1283950	20.0
3,6,9,12-Tetraoxa...	11.01	2.2	ng	140135	4	11.40	1283950	20.0
Octadecane	11.25	5.8	ng	372563	4	11.40	1283950	20.0
Tetracosane	11.28	3.7	ng	234669	4	11.40	1283950	20.0
unknown11.56	11.56	2.4	ng	153528	4	11.40	1283950	20.0
Hexadecane	12.47	4.0	ng	256223	4	11.40	1283950	20.0
1-Docosene	13.87	9.4	ng	461840	5	14.04	984632	20.0