

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062916\
 Data File : BG022711.D
 Acq On : 30 Jun 2016 2:39
 Operator : UM/SJ
 Sample : H3828-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S8-0583

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_G\METHODS\8270-BG062516.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.237	399	408	414	rBV3	65958	123524	1.47%	0.151%
2	5.448	437	444	451	rVB	174672	283155	3.36%	0.347%
3	5.707	482	488	497	rBV	964632	1510484	17.92%	1.848%
4	7.317	755	762	774	rBV	777120	1402273	16.64%	1.716%
5	7.546	796	801	805	rBV6	50780	100110	1.19%	0.123%
6	7.693	819	826	833	rBV	1750562	3037609	36.05%	3.717%
7	8.163	898	906	916	rVV	530360	955638	11.34%	1.169%
8	8.274	918	925	933	rVB6	49518	124199	1.47%	0.152%
9	8.392	938	945	950	rBV3	107285	203174	2.41%	0.249%
10	8.486	954	961	975	rVB	1406765	2499620	29.66%	3.059%
11	8.950	1022	1040	1046	rBV3	515515	1771465	21.02%	2.168%
12	9.132	1059	1071	1078	rBV5	158401	534055	6.34%	0.654%
13	9.250	1080	1091	1099	rVB5	522358	1535076	18.22%	1.879%
14	9.332	1099	1105	1111	rBV	1453768	2621453	31.11%	3.208%
15	9.385	1111	1114	1120	rVB4	53257	95745	1.14%	0.117%
16	9.532	1135	1139	1144	rVB4	76541	120999	1.44%	0.148%
17	9.596	1144	1150	1157	rVB7	81300	137785	1.64%	0.169%
18	9.737	1163	1174	1180	rBV4	355618	986279	11.70%	1.207%
19	9.814	1180	1187	1192	rVB3	221749	423787	5.03%	0.519%
20	9.902	1192	1202	1206	rBV	354818	621532	7.38%	0.761%
21	9.978	1211	1215	1223	rVB8	42758	87230	1.04%	0.107%
22	10.143	1234	1243	1254	rBV5	143072	430447	5.11%	0.527%
23	10.513	1301	1306	1311	rVB6	48900	90637	1.08%	0.111%
24	10.613	1317	1323	1329	rVV3	119562	211362	2.51%	0.259%
25	10.713	1331	1340	1343	rVV10	86810	226859	2.69%	0.278%
26	10.754	1343	1347	1353	rVB6	76390	153355	1.82%	0.188%
27	10.889	1363	1370	1375	rVB10	75837	168081	1.99%	0.206%
28	10.989	1380	1387	1395	rVB	873618	1605370	19.05%	1.965%
29	11.124	1406	1410	1417	rVB3	136372	244110	2.90%	0.299%
30	11.247	1423	1431	1439	rBV6	279685	800093	9.49%	0.979%
31	11.424	1453	1461	1465	rBV6	137151	331185	3.93%	0.405%
32	11.512	1472	1476	1479	rBV5	77089	120431	1.43%	0.147%
33	11.565	1479	1485	1489	rVV8	84961	165546	1.96%	0.203%
34	11.623	1489	1495	1497	rVV5	122488	250455	2.97%	0.306%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.682	1499	1505	1511	rVV4	409849	939923	11.15%	1.150%
36	11.753	1511	1517	1522	rVV3	426804	968458	11.49%	1.185%
37	11.811	1522	1527	1533	rVV3	581046	1020672	12.11%	1.249%
38	11.876	1533	1538	1543	rVB2	429279	654475	7.77%	0.801%
39	12.035	1559	1565	1570	rVV4	268229	500954	5.94%	0.613%
40	12.082	1570	1573	1577	rVV5	96129	117807	1.40%	0.144%
41	12.135	1577	1582	1587	rVB5	139986	251586	2.99%	0.308%
42	12.246	1593	1601	1605	rBV5	152163	345158	4.10%	0.422%
43	12.317	1607	1613	1617	rVV6	199703	390574	4.63%	0.478%
44	12.381	1620	1624	1633	rVB4	327553	747376	8.87%	0.915%
45	12.481	1637	1641	1645	rVB7	88969	130930	1.55%	0.160%
46	12.546	1649	1652	1655	rVB4	88459	121806	1.45%	0.149%
47	12.646	1664	1669	1673	rBV5	100610	181367	2.15%	0.222%
48	12.687	1673	1676	1680	rBV6	86434	142525	1.69%	0.174%
49	12.793	1689	1694	1698	rVB	412384	653293	7.75%	0.799%
50	12.916	1710	1715	1720	rVB5	259588	438713	5.21%	0.537%
51	13.028	1728	1734	1737	rBV6	120592	269263	3.20%	0.330%
52	13.145	1744	1754	1763	rVB10	201884	697135	8.27%	0.853%
53	13.286	1775	1778	1781	rBV3	133974	180958	2.15%	0.221%
54	13.374	1790	1793	1794	rBV3	84556	93527	1.11%	0.114%
55	13.421	1795	1801	1807	rVV	4070290	6452005	76.56%	7.896%
56	13.480	1807	1811	1816	rVV7	201278	378697	4.49%	0.463%
57	13.621	1833	1835	1842	rVB3	256856	423638	5.03%	0.518%
58	13.815	1864	1868	1879	rVB7	376448	918293	10.90%	1.124%
59	13.915	1880	1885	1892	rBV4	358935	765877	9.09%	0.937%
60	14.021	1899	1903	1905	rBV4	207948	314965	3.74%	0.385%
61	14.132	1918	1922	1926	rBV3	220534	344659	4.09%	0.422%
62	14.397	1964	1967	1970	rBV4	194812	267323	3.17%	0.327%
63	14.444	1970	1975	1980	rVB	1108379	1598464	18.97%	1.956%
64	14.802	2031	2036	2043	rVB3	1463524	2400941	28.49%	2.938%
65	15.313	2120	2123	2125	rBV3	240258	324009	3.84%	0.397%
66	15.454	2143	2147	2152	rVB5	489721	746598	8.86%	0.914%
67	15.607	2169	2173	2179	rBV8	364754	681047	8.08%	0.833%
68	16.106	2255	2258	2263	rVB2	534786	737131	8.75%	0.902%
69	16.241	2278	2281	2284	rVB3	332165	419184	4.97%	0.513%
70	16.294	2285	2290	2295	rBV	3965451	5946891	70.57%	7.278%
71	16.341	2295	2298	2302	rVB3	615318	843261	10.01%	1.032%

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72	16.506	2321	2326	2333	rVB	1352278	2309591	27.41%	2.826%
73	16.676	2351	2355	2361	rBV2	487799	846480	10.04%	1.036%
74	17.281	2455	2458	2465	rVB2	513749	768780	9.12%	0.941%
75	17.558	2500	2505	2515	rVB	1854953	3262845	38.72%	3.993%
76	18.051	2586	2589	2595	rVB	362938	468645	5.56%	0.574%
77	18.445	2652	2656	2661	rBV	1049168	1422402	16.88%	1.741%
78	19.702	2866	2870	2877	rBV	1472482	1818949	21.58%	2.226%
79	20.160	2943	2948	2954	rVB	6300793	8427154	100.00%	10.313%
80	21.853	3231	3236	3245	rVB	1784844	3148828	37.37%	3.853%
81	25.219	3802	3809	3819	rVB3	1009258	2858590	33.92%	3.498%

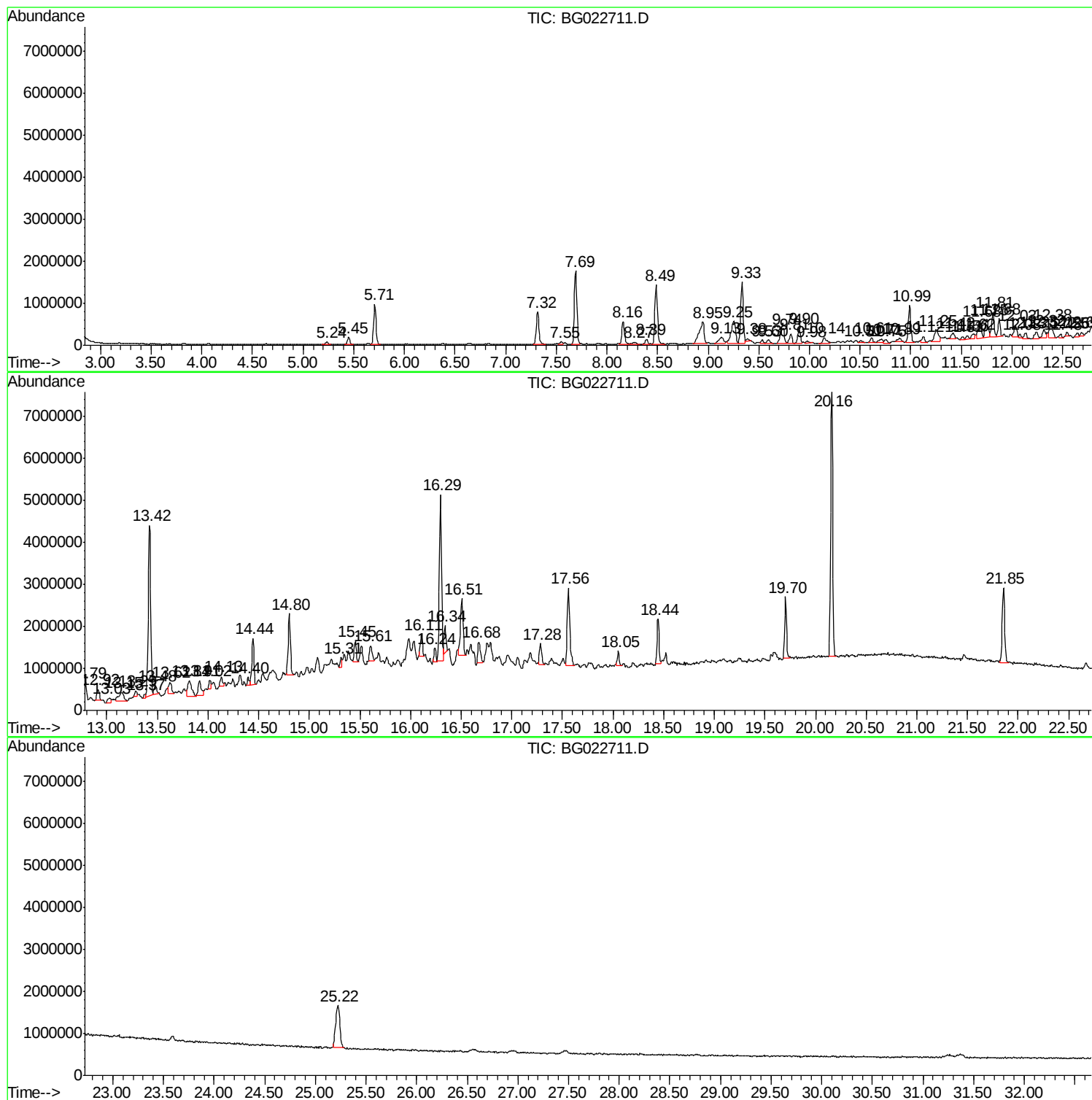
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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Instrument :
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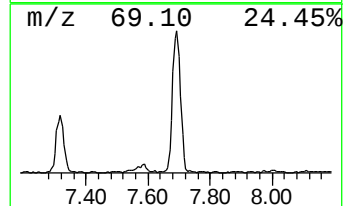
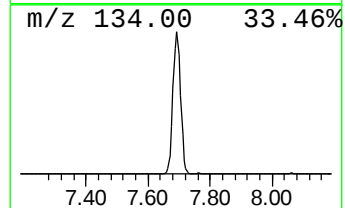
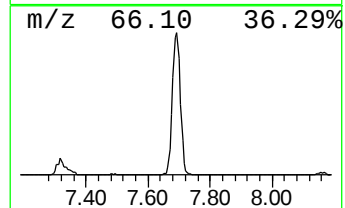
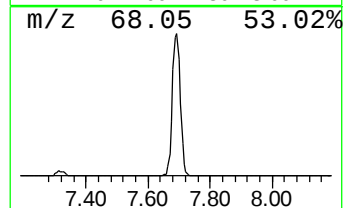
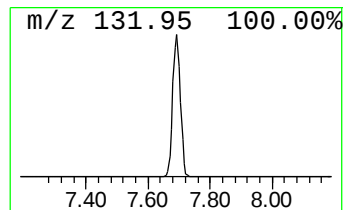
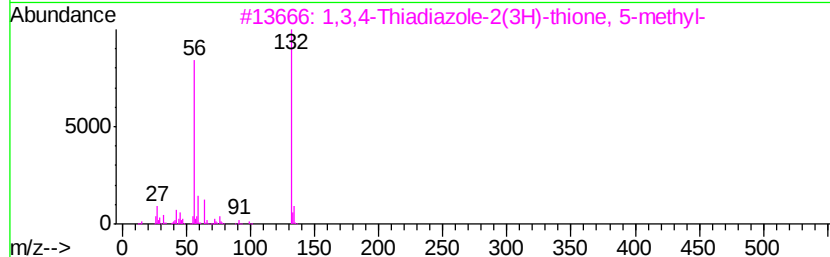
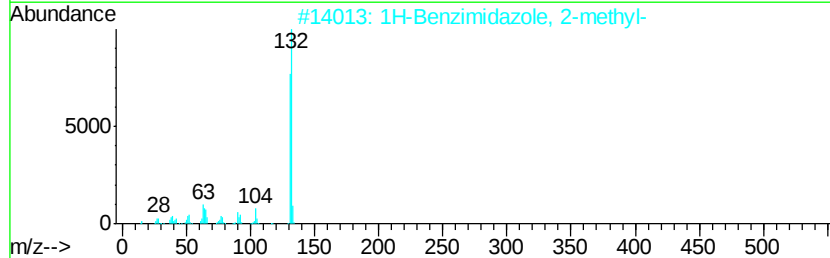
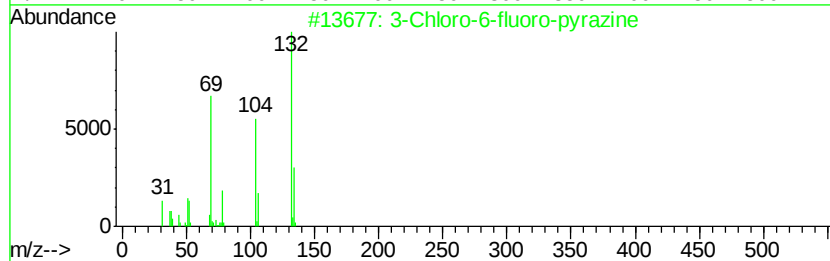
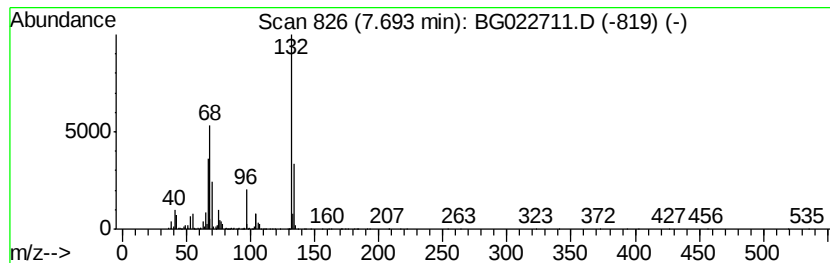
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown7.69 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.69	63.57 ng	3037610	1,4-Dichlorobenzene-d4	8.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3		1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	12
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5		5-Aminoindole	132	C8H8N2	005192-03-0	12



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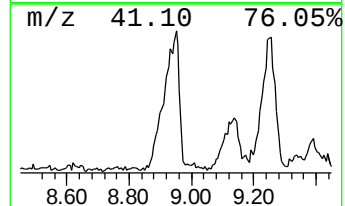
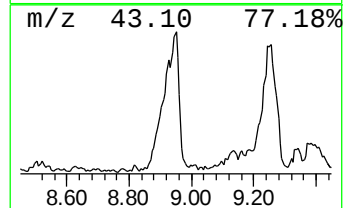
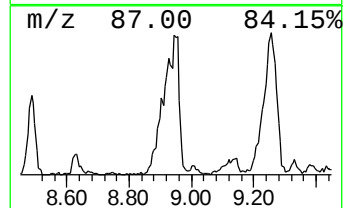
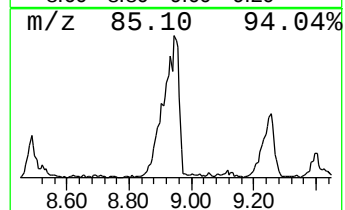
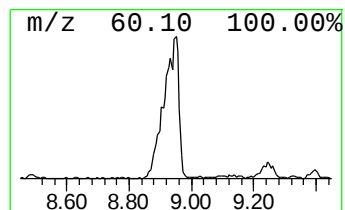
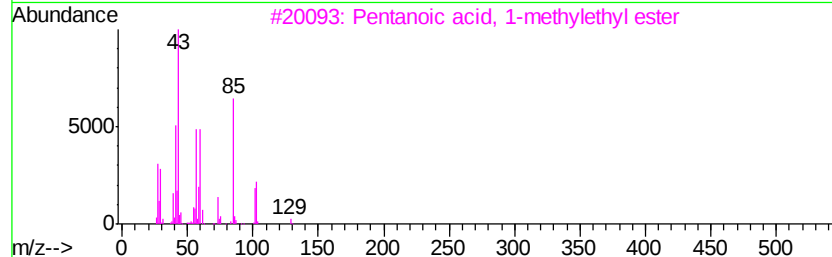
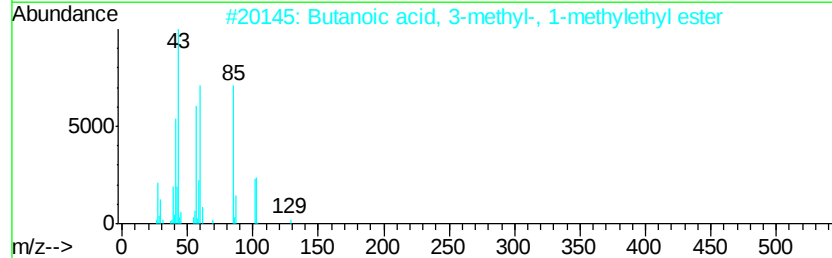
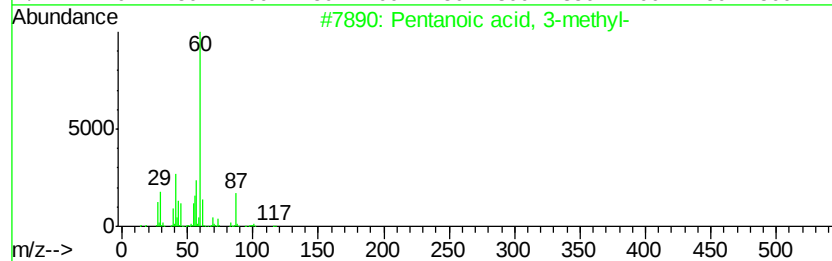
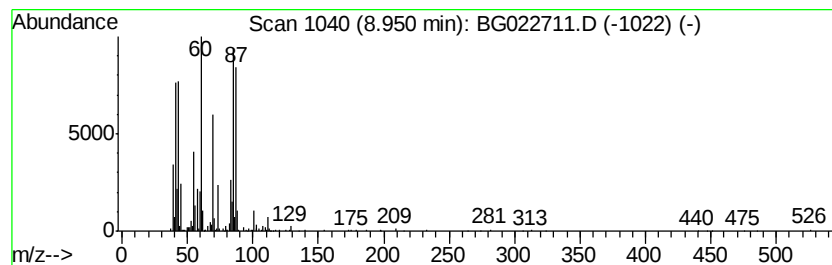
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062516.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown8.95 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.95	37.07 ng	1771470	1,4-Dichlorobenzene-d4	8.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentanoic acid, 3-methyl-	116	C6H12O2	000105-43-1	47
2		Butanoic acid, 3-methyl-, 1-meth...	144	C8H16O2	032665-23-9	38
3		Pentanoic acid, 1-methylethyl ester	144	C8H16O2	018362-97-5	35
4		1,3-Dioxane, 2-methyl-	102	C5H10O2	000626-68-6	25
5		2,2-Dimethylvaleric acid	130	C7H14O2	001185-39-3	22



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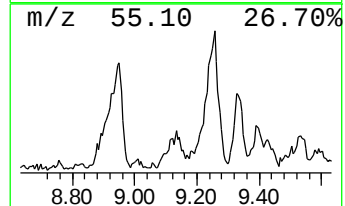
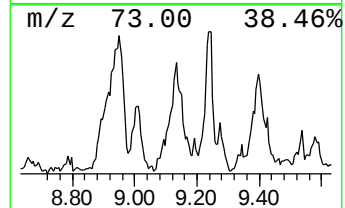
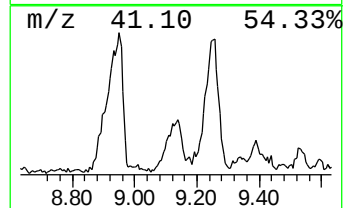
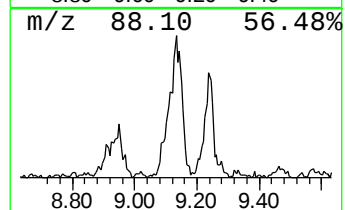
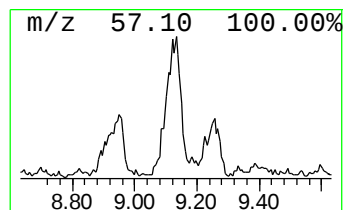
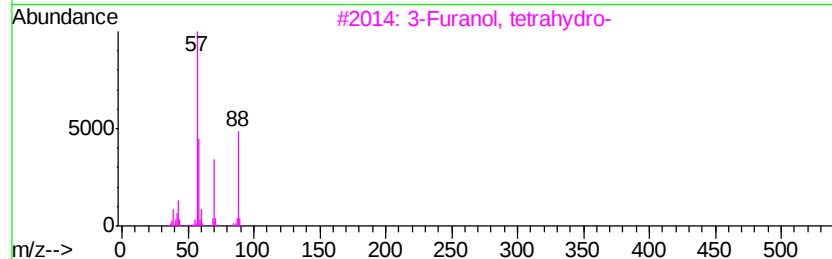
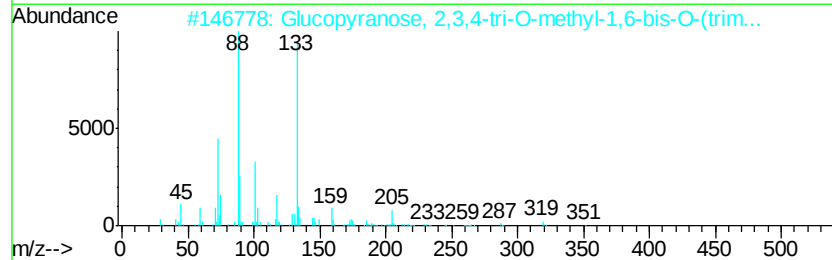
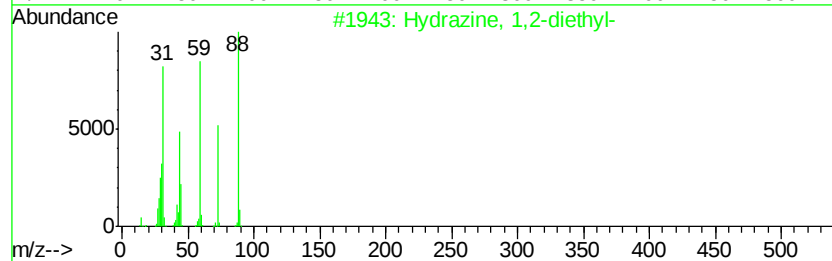
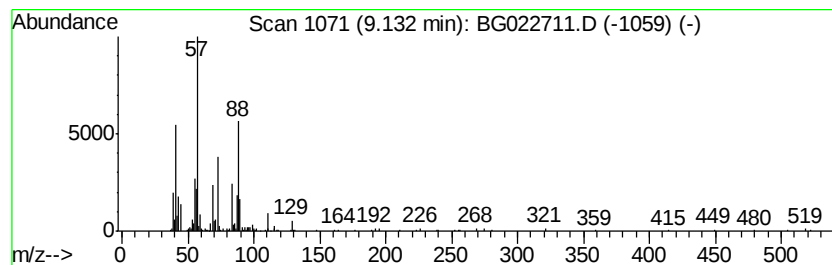
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown9.13 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.13	11.18 ng	534055	1,4-Dichlorobenzene-d4	8.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hydrazine, 1,2-diethyl-	88	C4H12N2	001615-80-1	35
2		Glucopyranose, 2,3,4-tri-O-methy...	366	C15H34O6Si2	032388-38-8	25
3		3-Furanol, tetrahydro-	88	C4H8O2	000453-20-3	25
4		6-(Methylthio)hex-5-en-3-ol	146	C7H14OS	053634-85-8	23
5		Ethyl 3-methyldecanoate	214	C13H26O2	073105-70-1	23



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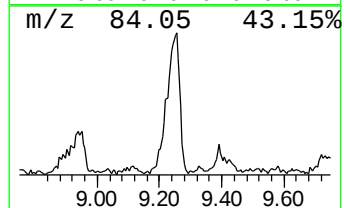
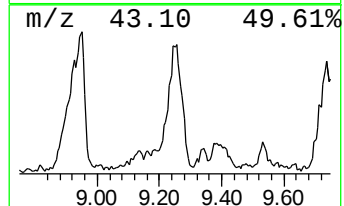
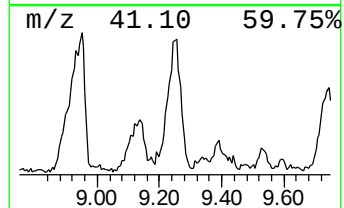
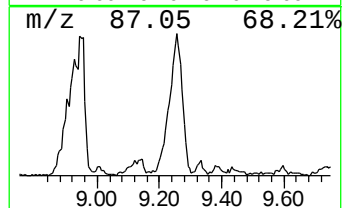
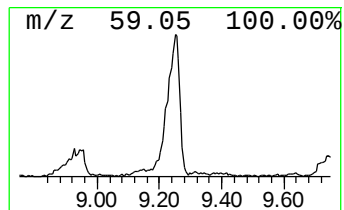
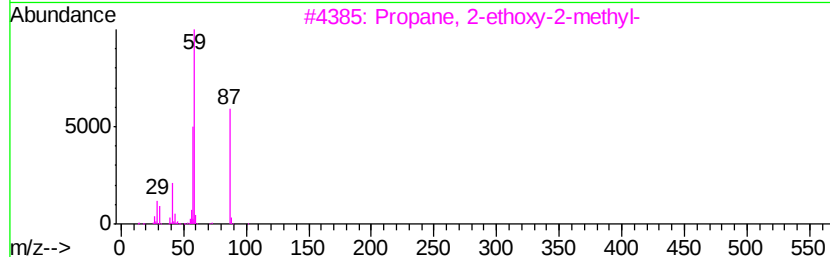
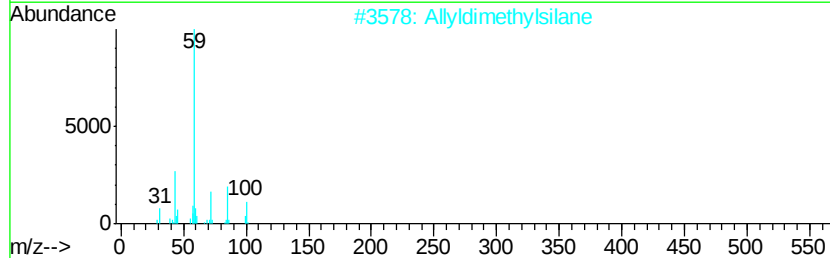
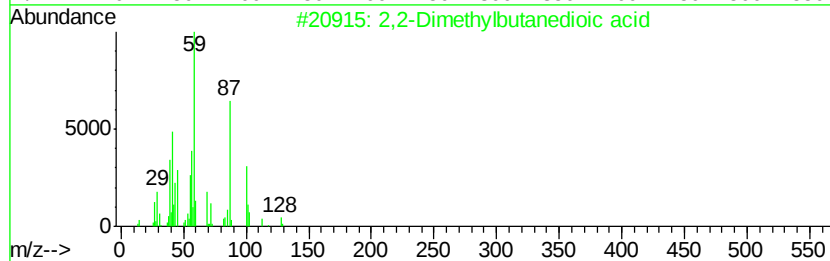
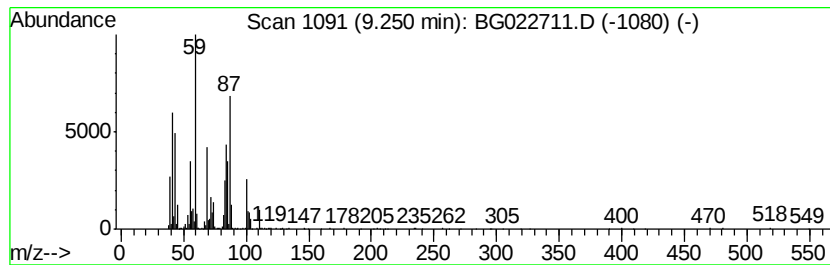
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 unknown9.25 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.25	32.13 ng	1535080	1,4-Dichlorobenzene-d4	8.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,2-Dimethylbutanedioic acid	146	C6H10O4	000597-43-3	40
2		Allyldimethylsilane	100	C5H12Si	003937-30-2	38
3		Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	32
4		4-Methoxy-1-pentene	100	C6H12O	098386-09-5	25
5		Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	22



Data Path : Z:\HPCHEM1\BNA G\DATA\BG062916\
Data File : BG022711.D
Acq On : 30 Jun 2016 2:39
Operator : UM/SJ
Sample : H3828-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
S8-0583

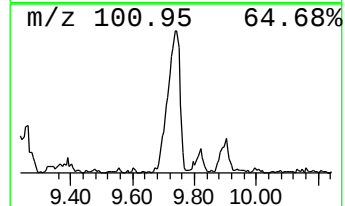
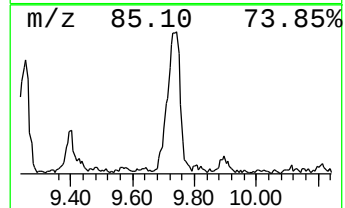
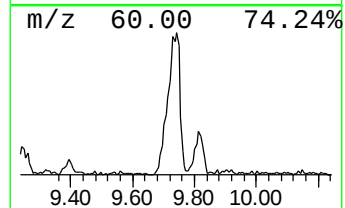
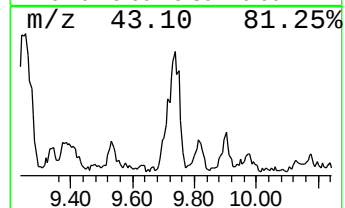
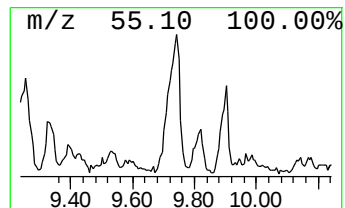
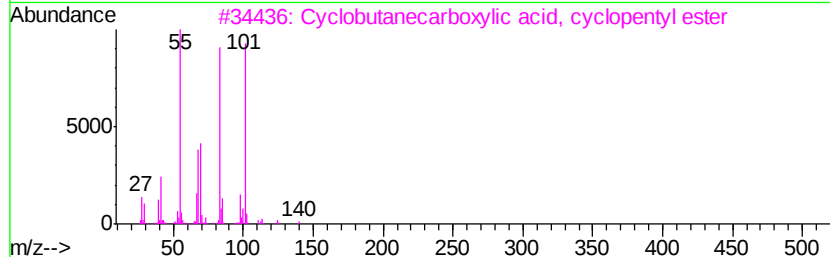
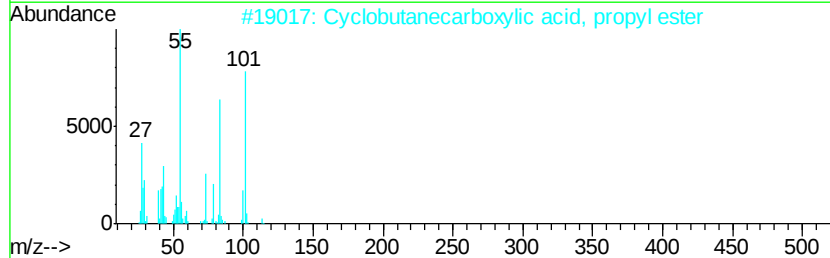
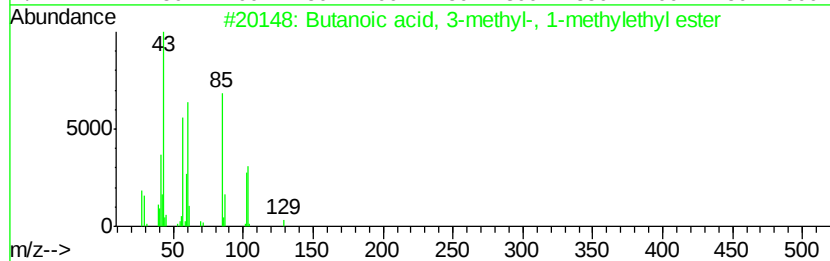
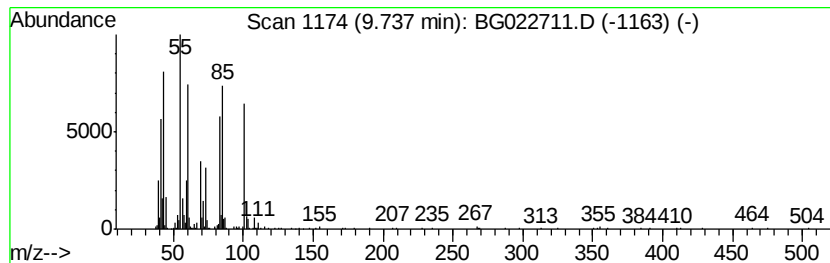
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 unknown9.74 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.74	12.29 ng	986279	Napthalene-d8	10.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butanoic acid, 3-methyl-, 1-meth...	144	C8H16O2	032665-23-9	37
2		Cyclobutanecarboxylic acid, prop...	142	C8H14O2	1000280-40-0	27
3		Cyclobutanecarboxylic acid, cyclob...	168	C10H16O2	1000282-60-6	22
4		2-Pentoxv-tetrahydropyran	172	C10H20O2	032767-70-7	14
5		Oxazole, 4,5-dihydro-2-methyl-	85	C4H7NO	001120-64-5	14



Data Path : Z:\HPCHEM1\BNA G\DATA\BG062916\
Data File : BG022711.D
Acq On : 30 Jun 2016 2:39
Operator : UM/SJ
Sample : H3828-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
S8-0583

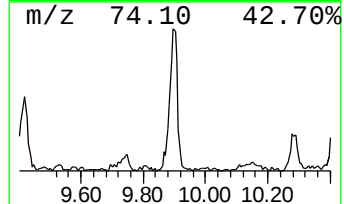
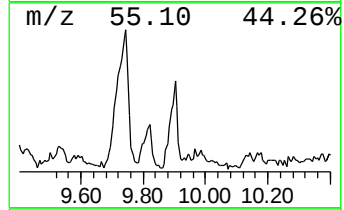
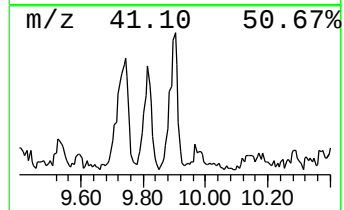
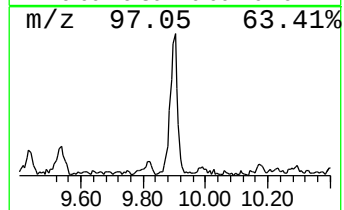
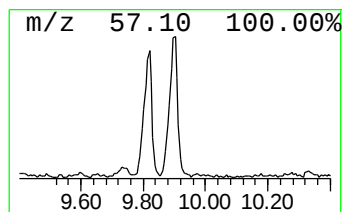
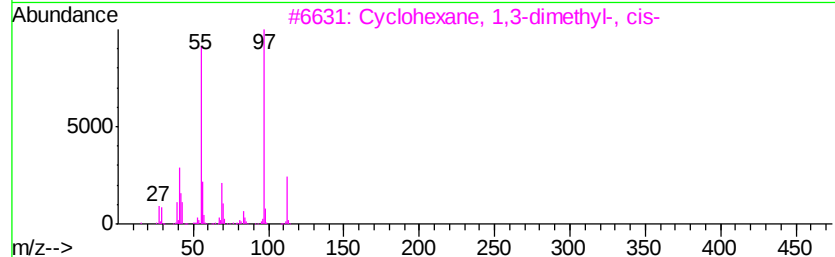
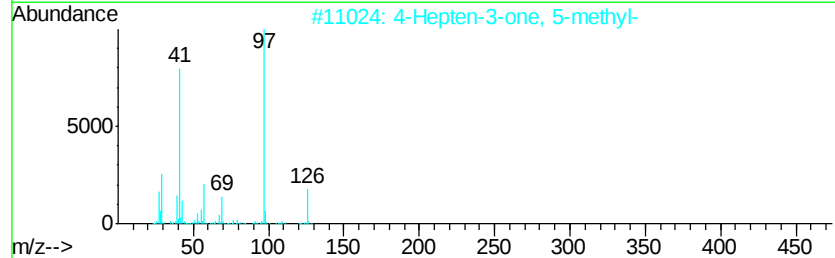
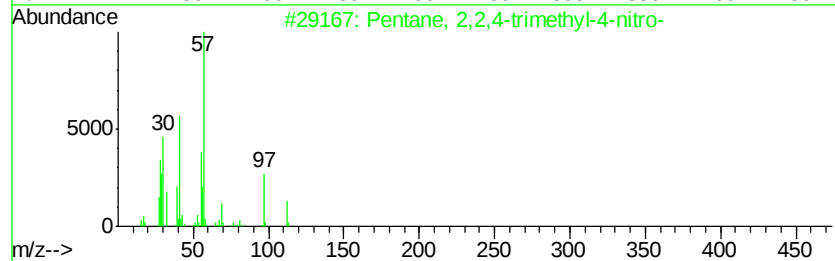
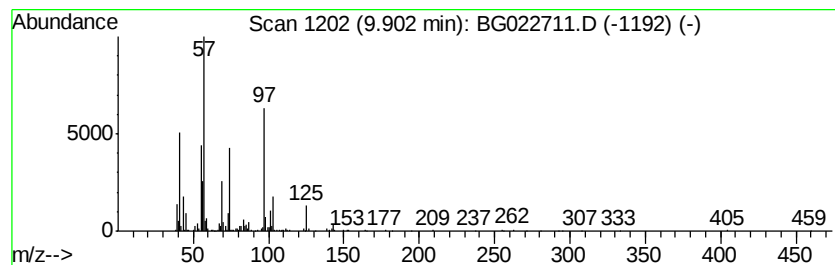
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 unknown9.90 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.90	7.74 ng	621532	Naphthalene-d8	10.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,2,4-trimethyl-4-nitro-	159	C8H17NO2	005342-78-9	22
2			4-Hepten-3-one, 5-methyl-	126	C8H14O	001447-26-3	14
3			Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	14
4			1-Azabicyclo[2.2.2]octan-3-one	125	C7H11NO	003731-38-2	14
5			2,2,3,3-Tetramethylcyclopropanec...	254	C16H30O2	1000221-98-2	12



Data Path : Z:\HPCHEM1\BNA G\DATA\BG062916\
Data File : BG022711.D
Acq On : 30 Jun 2016 2:39
Operator : UM/SJ
Sample : H3828-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
S8-0583

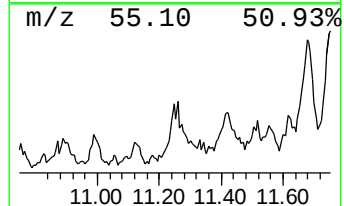
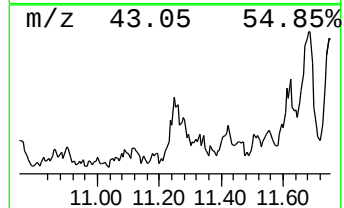
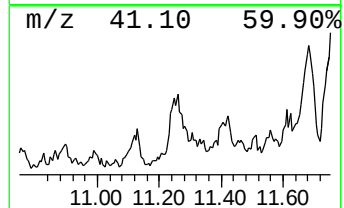
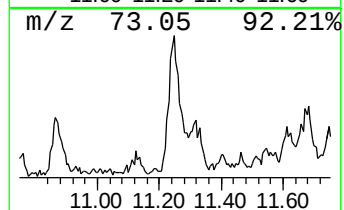
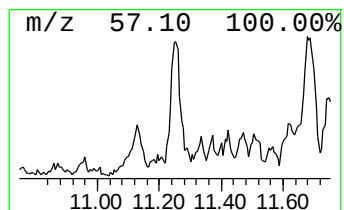
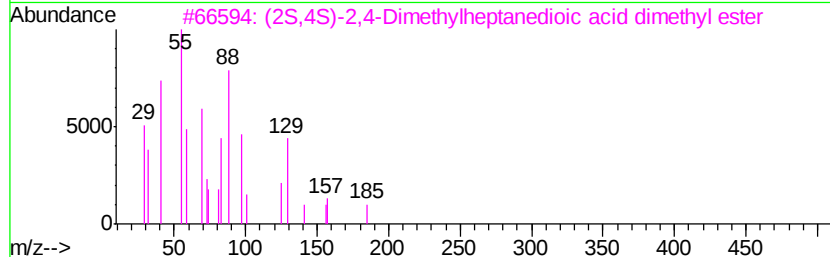
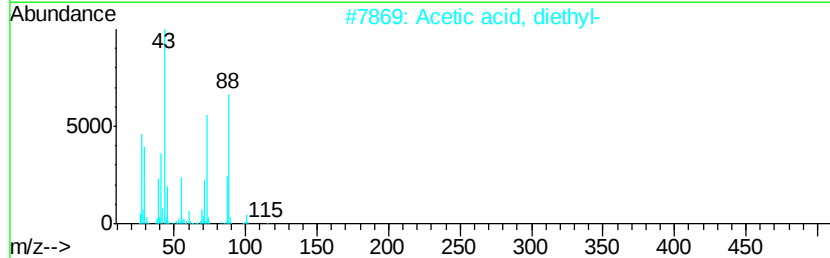
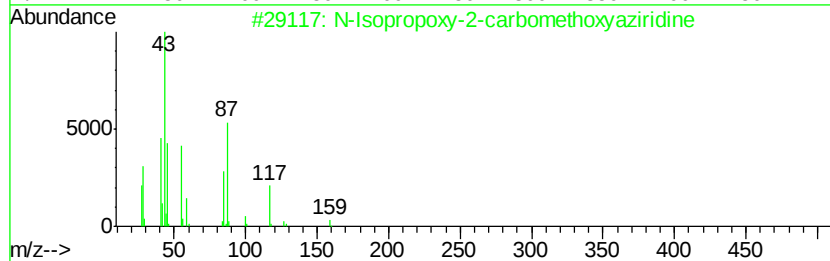
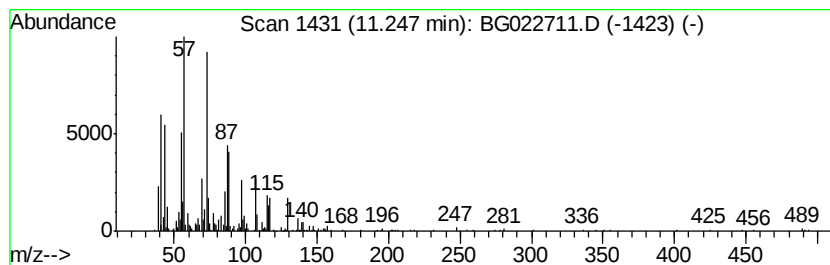
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 unknown11.25 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.25	9.97 ng	800093	Naphthalene-d8	10.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	N-Isopropoxy-2-carbomethoxyvaziri...	159	C7H13N03	053084-32-5	22
2		Acetic acid, diethyl-	116	C6H12O2	000088-09-5	22
3		(2S,4S)-2,4-Dimethylheptanedioic...	216	C11H20O4	085611-45-6	16
4		Pentanoic acid, 4,4-dimethyl-3-o...	172	C9H16O3	017094-34-7	16
5		Methyl 3,4-di-O-acetyl-2-O-methy...	276	C12H20O7	1000031-16-4	14



Data Path : Z:\HPCHEM1\BNA G\DATA\BG062916\
Data File : BG022711.D
Acq On : 30 Jun 2016 2:39
Operator : UM/SJ
Sample : H3828-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
S8-0583

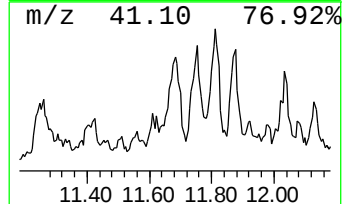
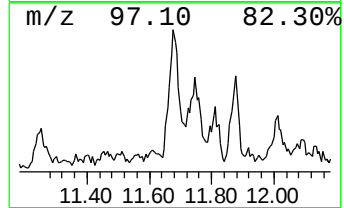
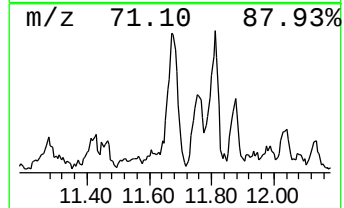
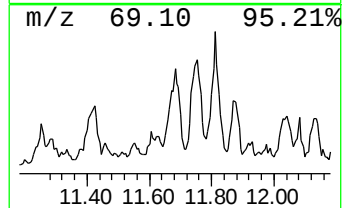
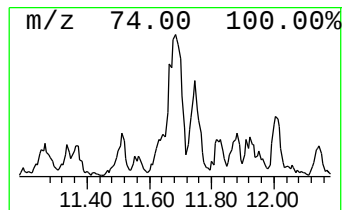
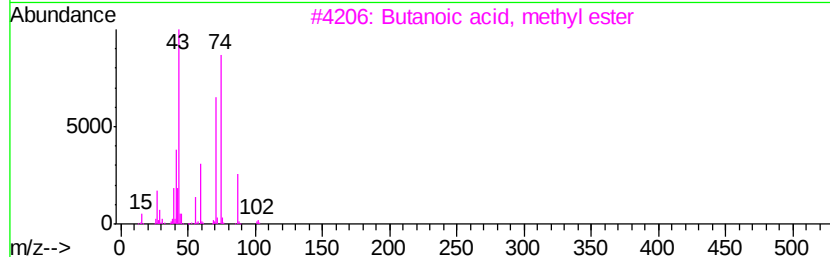
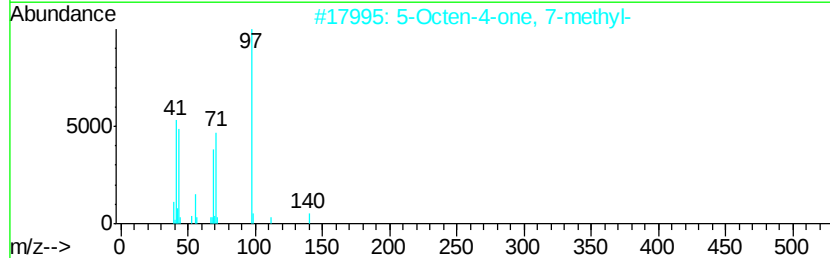
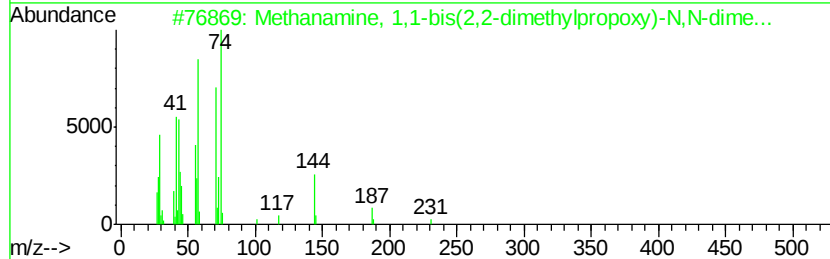
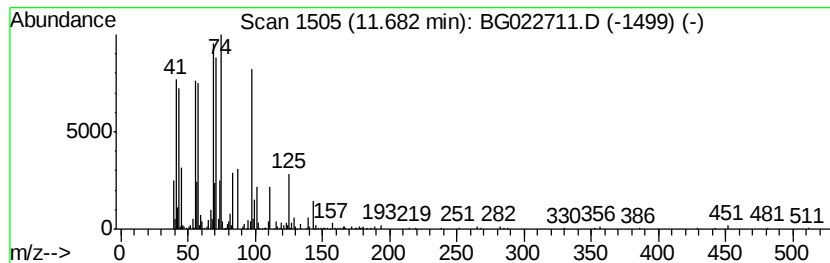
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 unknown11.68 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.68	11.71 ng	939923	Naphthalene-d8	10.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Methanamine, 1,1-bis(2,2-dimethy...	231	C13H29N02	004909-78-8	27
2		5-Octen-4-one, 7-methyl-	140	C9H16O	032064-78-1	27
3		Butanoic acid, methyl ester	102	C5H10O2	000623-42-7	27
4		2-Pentene, 3-ethyl-4,4-dimethyl-	126	C9H18	053907-59-8	27
5		Trifluoroacetic acid, 4-methylpe...	198	C8H13F3O2	000327-71-9	22



Data Path : Z:\HPCHEM1\BNA G\DATA\BG062916\
Data File : BG022711.D
Acq On : 30 Jun 2016 2:39
Operator : UM/SJ
Sample : H3828-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
S8-0583

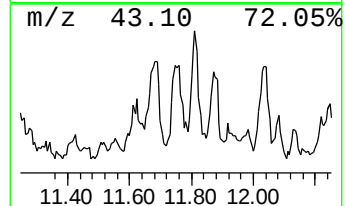
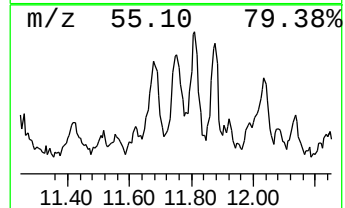
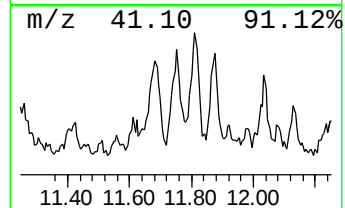
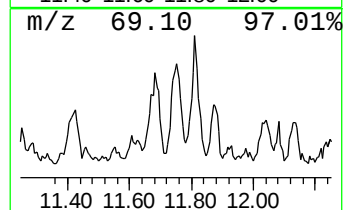
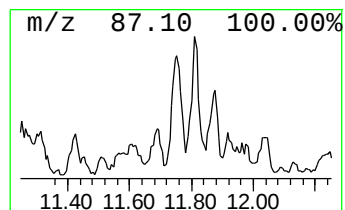
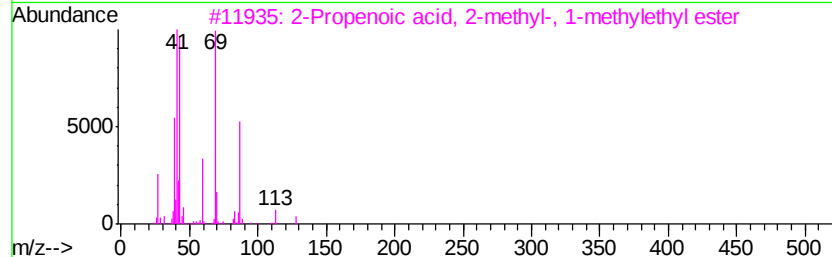
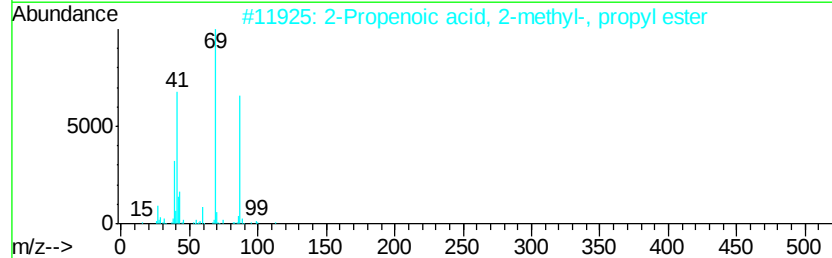
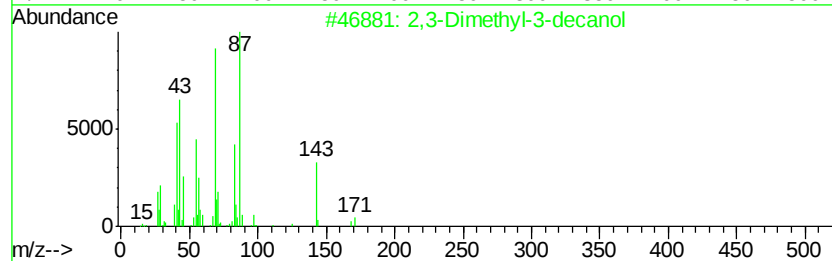
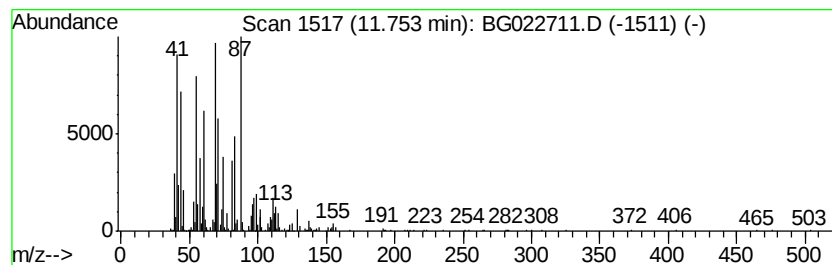
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 unknown11.75 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	12.07 ng	968458	Napthalene-d8	10.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,3-Dimethyl-3-decanol	186	C12H26O	219667-42-2	43
2		2-Propenoic acid, 2-methyl-, pro...	128	C7H12O2	002210-28-8	35
3		2-Propenoic acid, 2-methyl-, 1-m...	128	C7H12O2	004655-34-9	35
4		3,4,6-Tri-O-methyl-d-glucose	222	C9H18O6	1000127-03-2	27
5		Tetrahydrofuran, 2-(1-methylethy...	142	C9H18O	1000292-98-8	16



Data Path : Z:\HPCHEM1\BNA G\DATA\BG062916\
Data File : BG022711.D
Acq On : 30 Jun 2016 2:39
Operator : UM/SJ
Sample : H3828-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

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ClientSampleId :
S8-0583

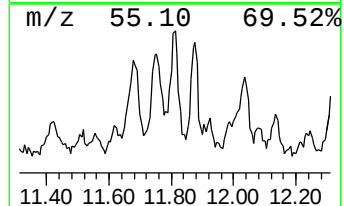
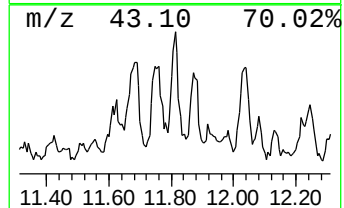
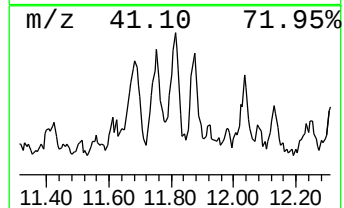
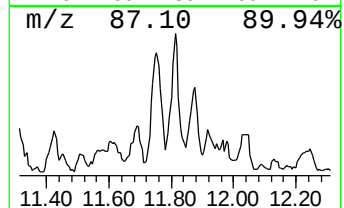
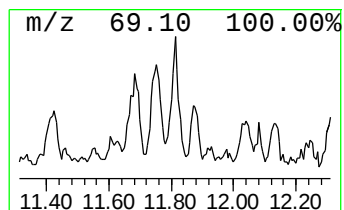
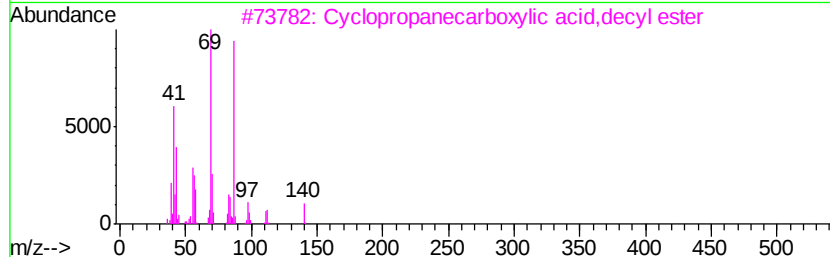
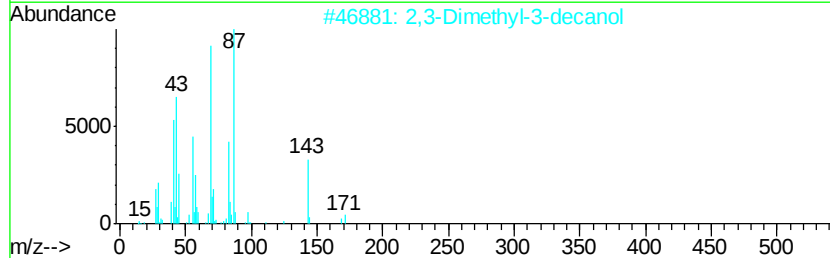
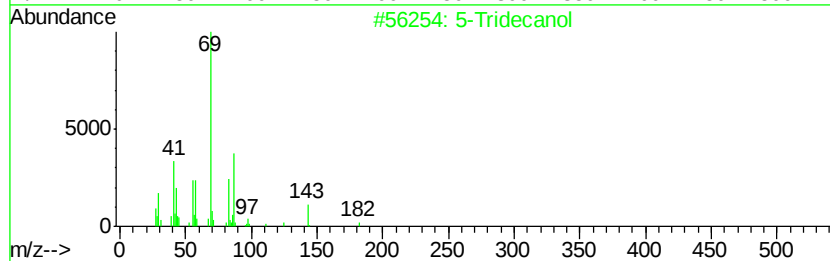
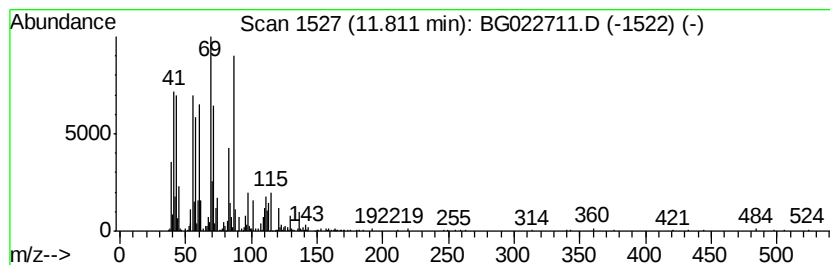
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 5-Tridecanol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.81	12.72 ng	1020670	Naphthalene-d8	10.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Tridecanol	200	C13H28O	058783-82-7	50
2		2,3-Dimethyl-3-decanol	186	C12H26O	219667-42-2	50
3		Cyclopropanecarboxylic acid, decyl...	226	C14H26O2	054460-47-8	43
4		5-Tetradecanol	214	C14H30O	021078-83-1	43
5		2-Propenoic acid, 2-methyl-, decyl...	226	C14H26O2	003179-47-3	38



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Acq On : 30 Jun 2016 2:39
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Sample : H3828-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

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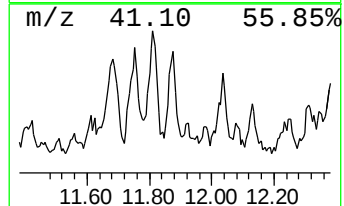
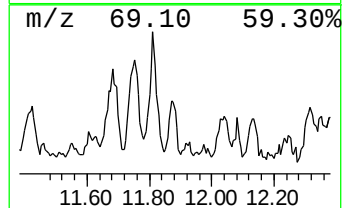
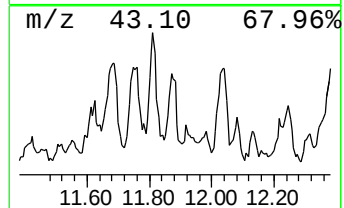
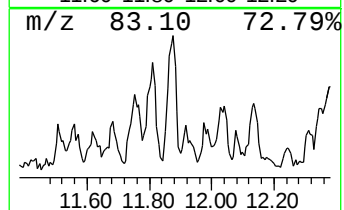
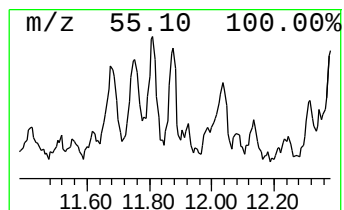
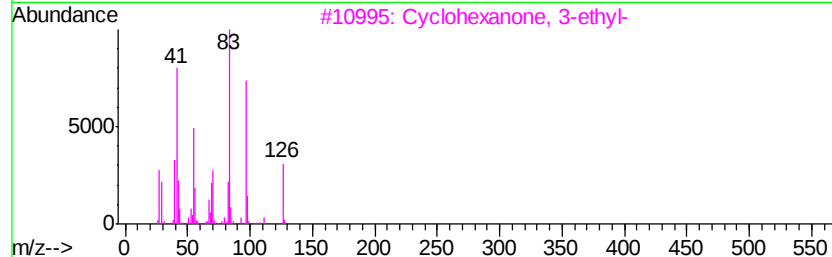
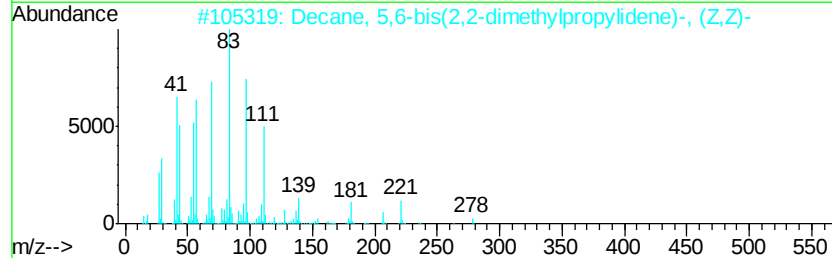
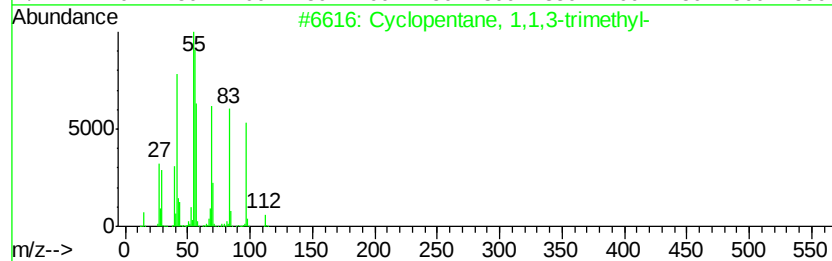
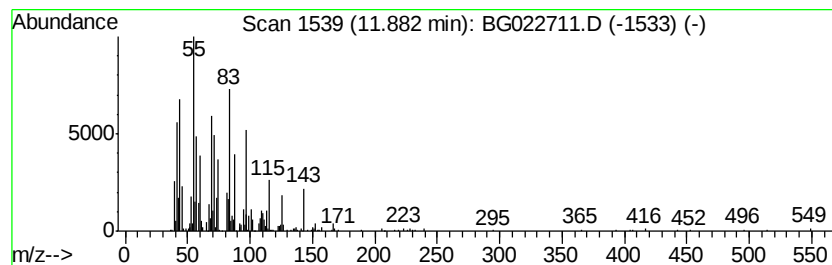
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 unknown11.88 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	8.15 ng	654475	Naphthalene-d8	10.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	42
2		Decane, 5,6-bis(2,2-dimethylprop...	278	C20H38	073002-85-4	30
3		Cyclohexanone, 3-ethyl-	126	C8H14O	022461-89-8	27
4		Cyclobutanecarboxylic acid, 4-tr...	282	C18H34O2	1000280-57-7	22
5		Cyclobutanecarboxylic acid, 3-tr...	282	C18H34O2	1000280-57-6	22



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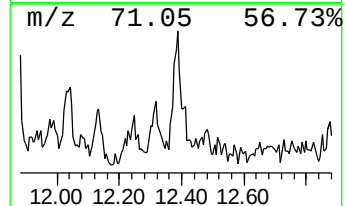
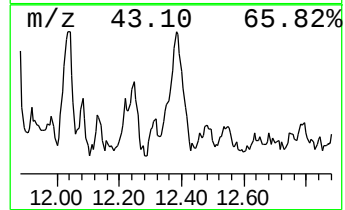
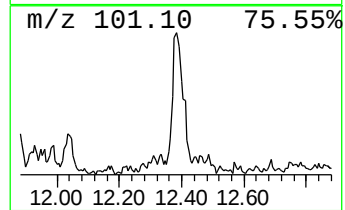
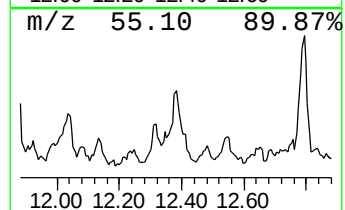
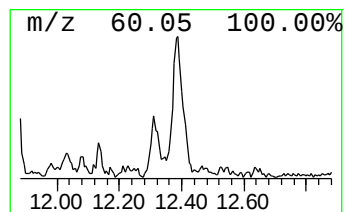
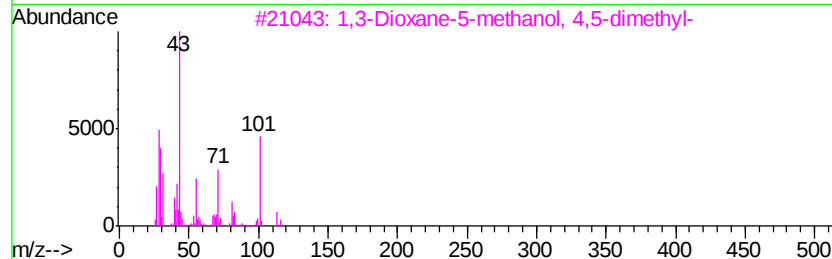
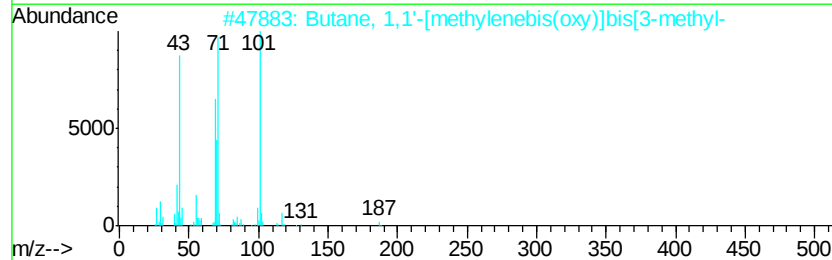
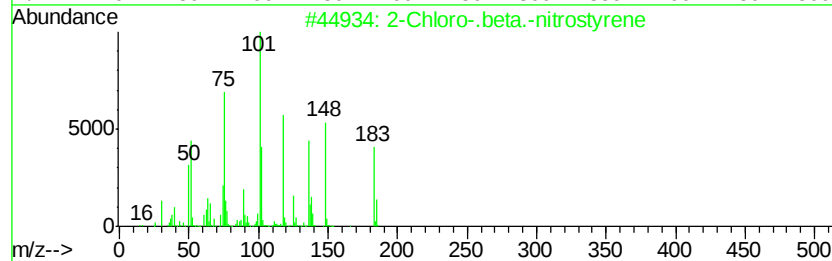
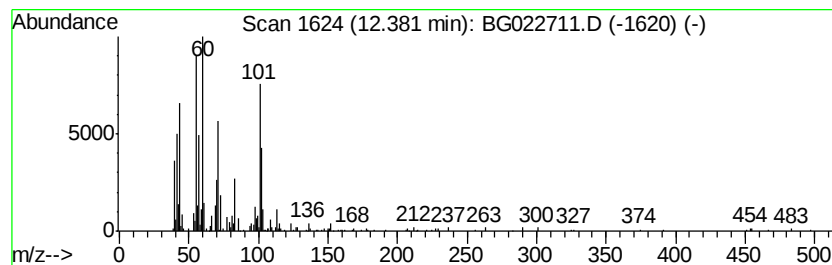
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 unknown12.38 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.38	9.31 ng	747376	Naphthalene-d8	10.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Chloro-.beta.-nitrostyrene	183	C8H6ClNO2	003156-34-1	27
2			Butane, 1,1'-[methylenebis(oxy)]...	188	C11H24O2	022418-64-0	25
3			1,3-Dioxane-5-methanol, 4,5-dime...	146	C7H14O3	054063-15-9	25
4			1,3-Dioxane-4-methanol, 4,5-dime...	146	C7H14O3	054063-16-0	25
5			Hexadecanoic acid, 3,7,11,15-tet...	326	C21H42O2	001118-77-0	12



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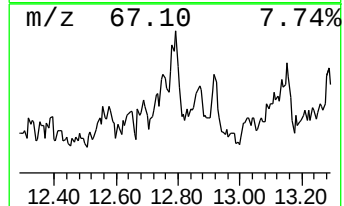
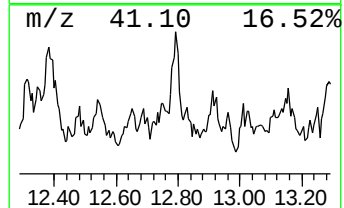
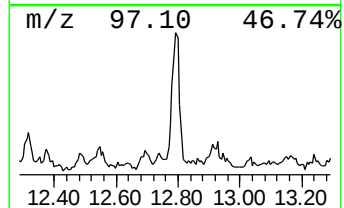
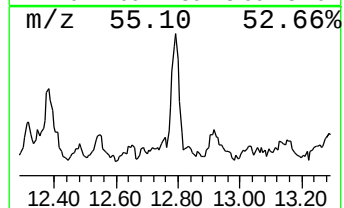
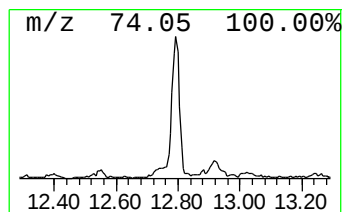
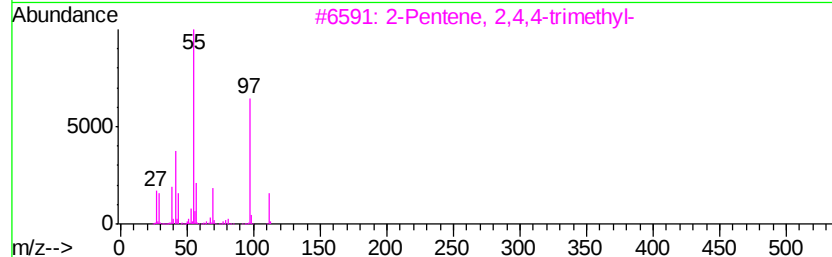
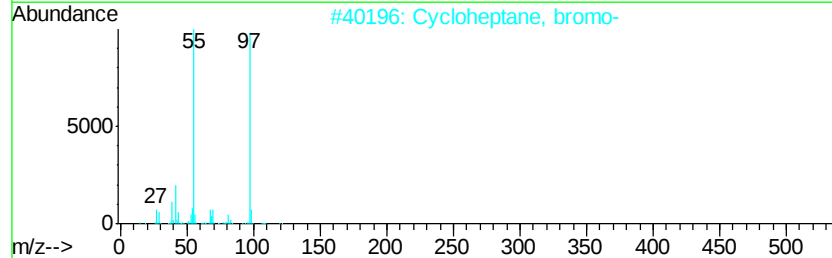
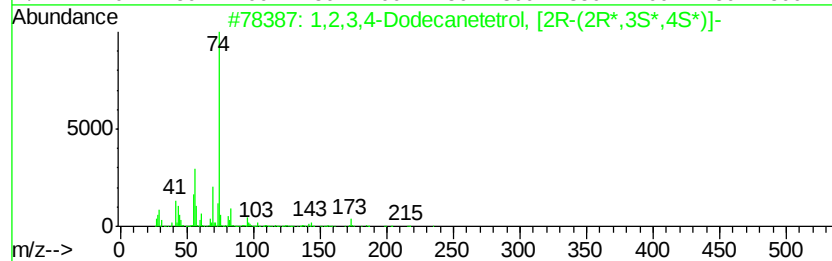
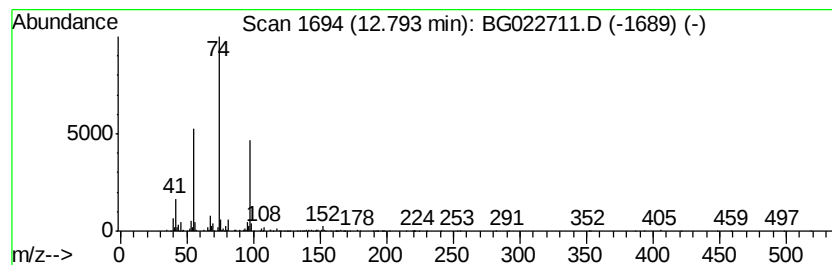
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 unknown12.79 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.79	8.14 ng	653293	Naphthalene-d8	10.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2,3,4-Dodecanetetrol, [2R-(2R*...	234	C12H26O4	136953-02-1	25
2		Cycloheptane, bromo-	176	C7H13Br	002404-35-5	22
3		2-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-40-4	22
4		3-Penten-1-ol, 2,2,4-trimethyl-	128	C8H16O	005842-53-5	16
5		2-Aziridinone, 1-tert-butyl-3-(1...	209	C13H23NO	024161-49-7	16



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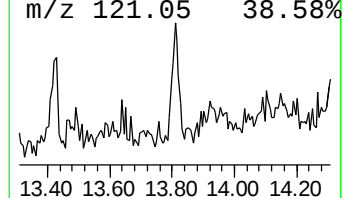
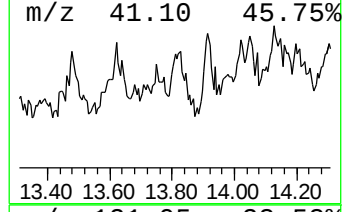
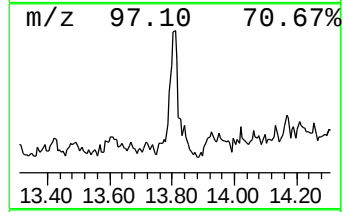
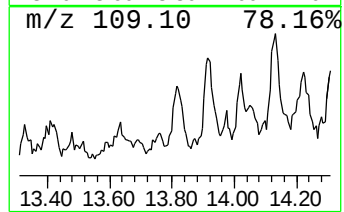
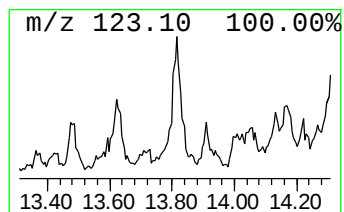
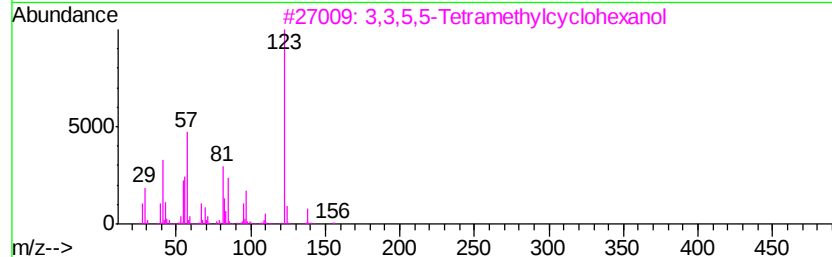
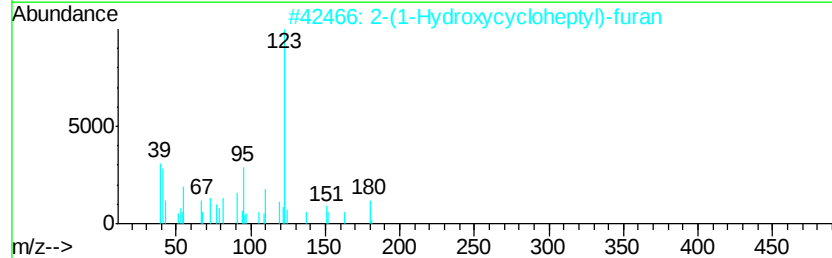
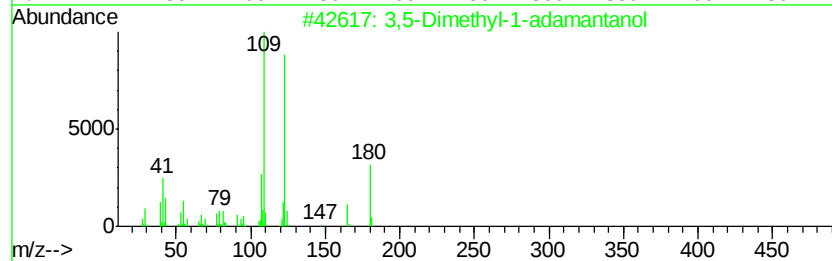
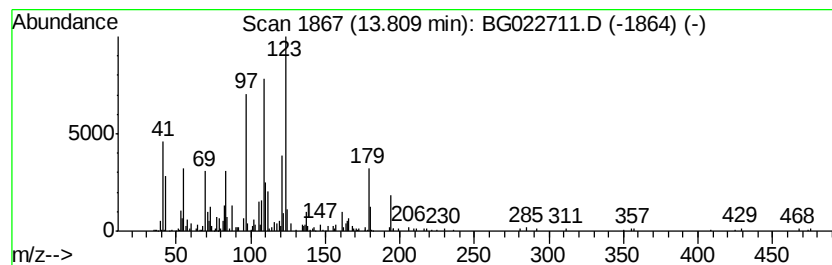
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 unknown13.81 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	7.65 ng	918293	Acenaphthene-d10	14.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,5-Dimethyl-1-adamantanol	180	C12H20O	000707-37-9	49
2		2-(1-Hydroxycycloheptyl)-furan	180	C11H16O2	115754-89-7	32
3		3,3,5,5-Tetramethylcyclohexanol	156	C10H20O	002650-40-0	27
4		Benzenemethanol, 4-amino-	123	C7H9NO	000623-04-1	27
5		Cyclopropanecarboxylic acid, 2,2...	182	C11H18O2	005460-63-9	27



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Data File : BG022711.D
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Sample : H3828-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

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ClientSampleId :
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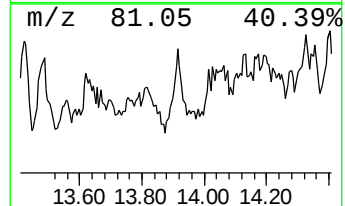
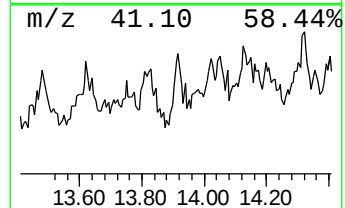
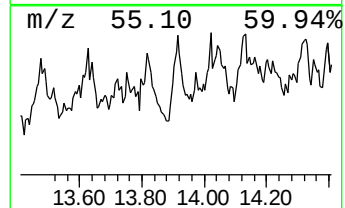
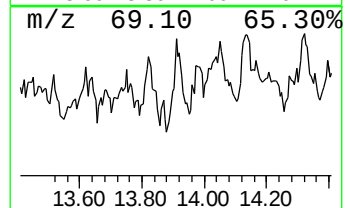
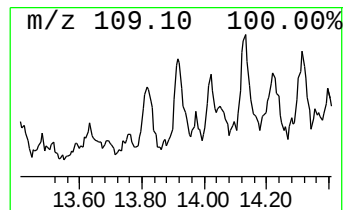
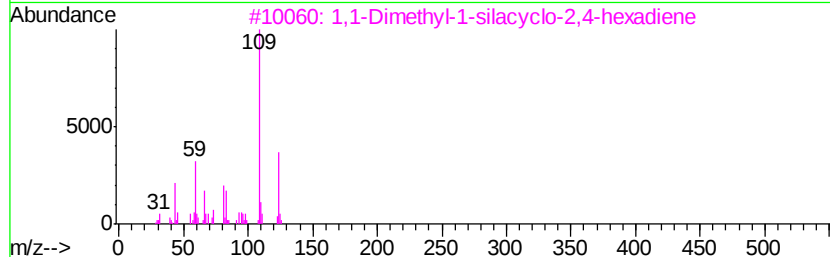
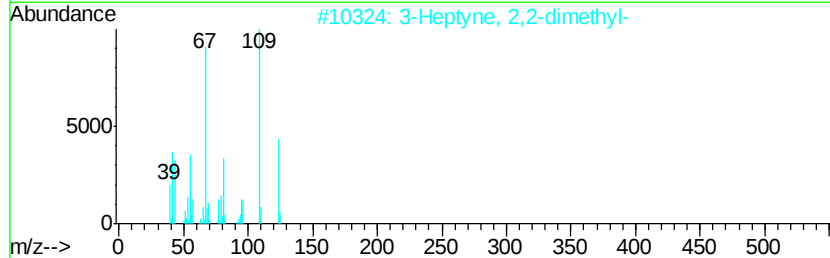
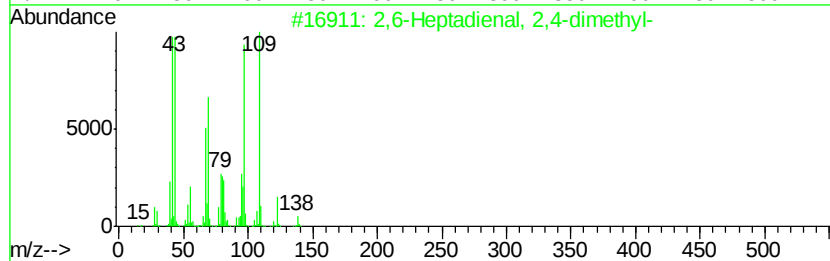
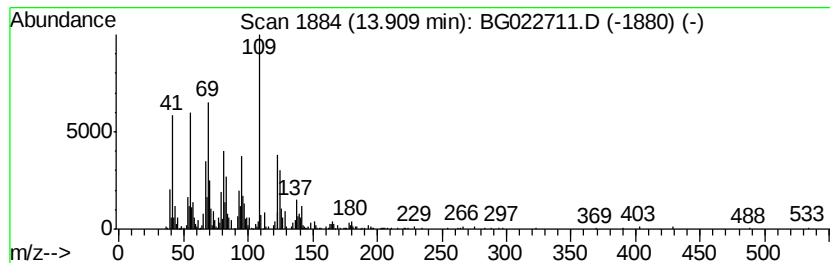
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 unknown13.91 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.91	6.38 ng	765877	Acenaphthene-d10	14.80

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Heptadienal, 2,4-dimethyl-	138	C9H14O	085136-08-9	45		
2	3-Heptyne, 2,2-dimethyl-	124	C9H16	029022-29-5	43		
3	1,1-Dimethyl-1-silacyclo-2,4-hex...	124	C7H12Si	052023-18-4	43		
4	5-Fluoro-m-xylene	124	C8H9F	000461-97-2	43		
5	2,4-Heptadiene, 2,4-dimethyl-	124	C9H16	074421-05-9	43		



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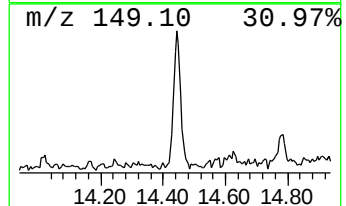
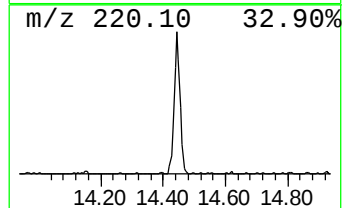
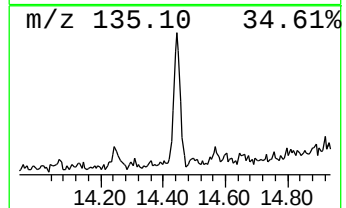
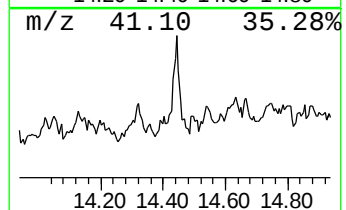
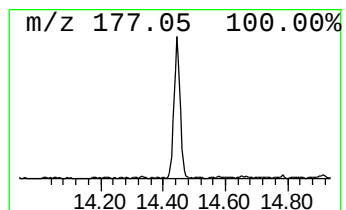
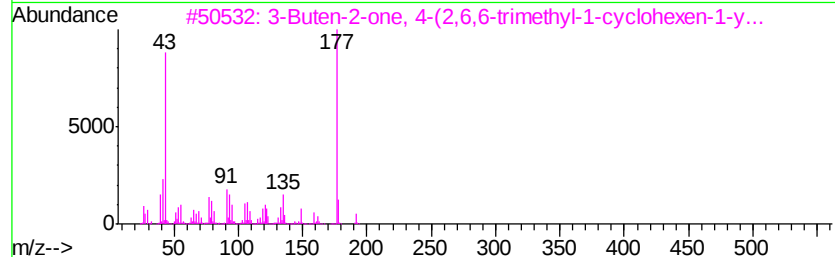
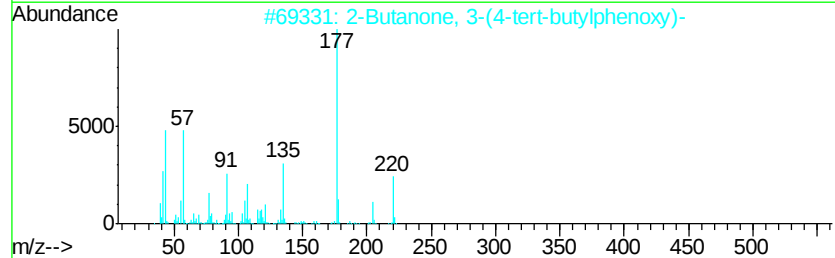
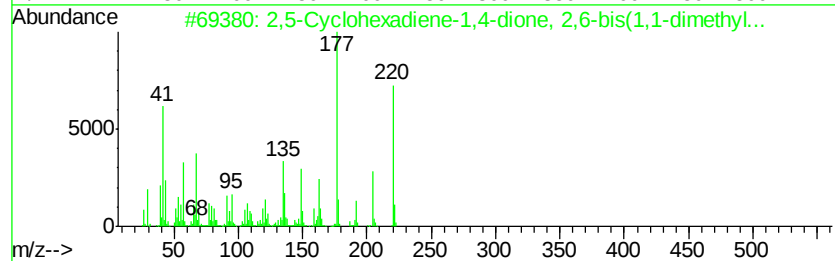
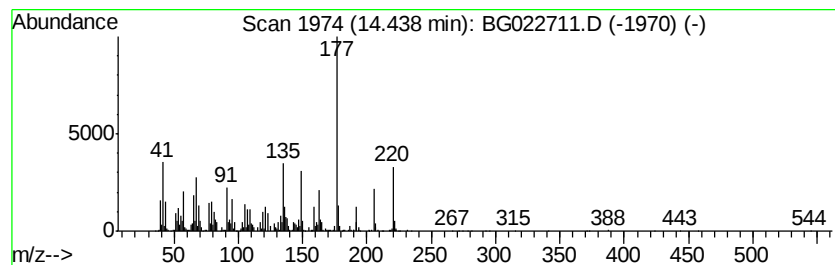
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 2,5-Cyclohexadiene-1,4-dione... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.44	13.32 ng	1598460	Acenaphthene-d10	14.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,5-Cyclohexadiene-1,4-dione, 2,...	220	C14H20O2	000719-22-2	99
2		2-Butanone, 3-(4-tert-butylpheno...	220	C14H20O2	160875-28-5	64
3		3-Buten-2-one, 4-(2,6,6-trimethy...	192	C13H20O	000079-77-6	46
4		3-Buten-2-one, 4-(2,6,6-trimethy...	192	C13H20O	014901-07-6	45
5		Octamethyl-1,4-cyclohexadiene	192	C14H24	172684-93-4	43



Data Path : Z:\HPCHEM1\BNA G\DATA\BG062916\
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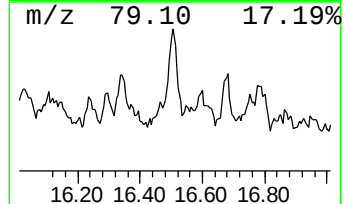
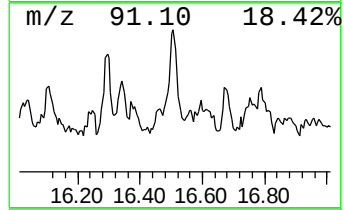
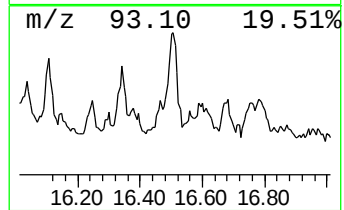
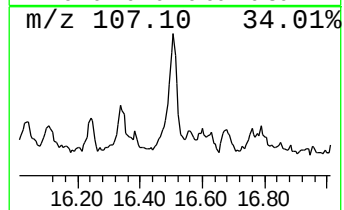
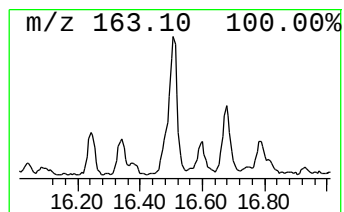
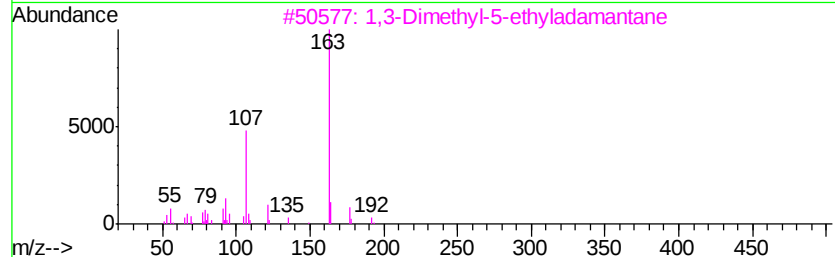
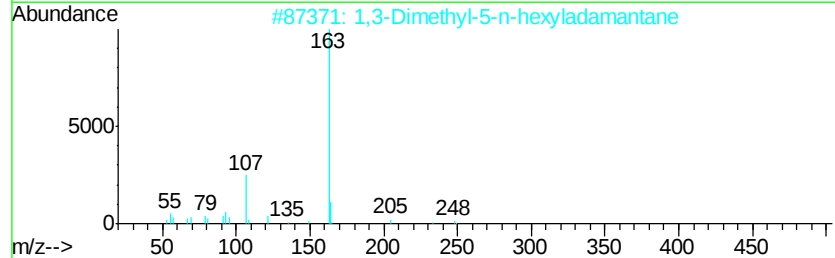
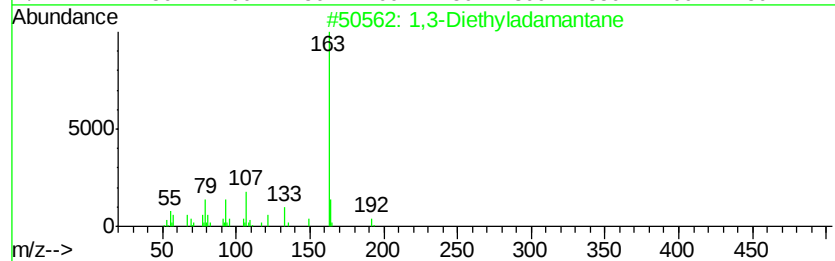
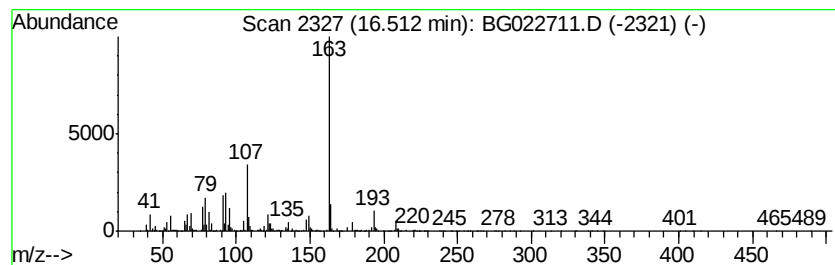
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 1,3-Diethyladamantane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.51	14.16 ng	2309590	Phenanthrene-d10	17.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3-Diethyladamantane	192	C14H24	025074-51-5	83
2		1,3-Dimethyl-5-n-hexyladamantane	248	C18H32	052873-50-4	59
3		1,3-Dimethyl-5-ethyladamantane	192	C14H24	001687-35-0	59
4		1,3,5-Trimethyladamantane	178	C13H22	000707-35-7	59
5		4(1H)-Pteridinone, 2-amino-	163	C6H5N5O	002236-60-4	56



Data Path : Z:\HPCHEM1\BNA G\DATA\BG062916\
Data File : BG022711.D
Acq On : 30 Jun 2016 2:39
Operator : UM/SJ
Sample : H3828-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
S8-0583

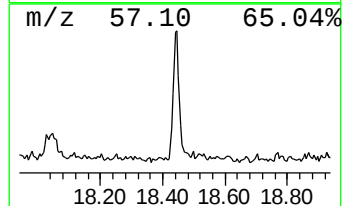
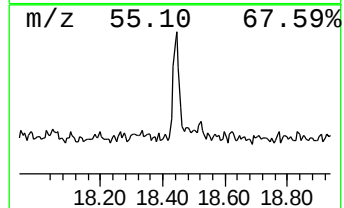
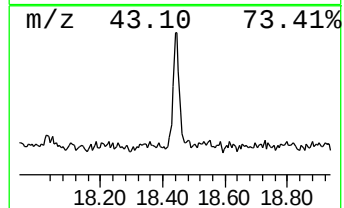
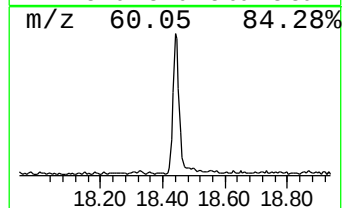
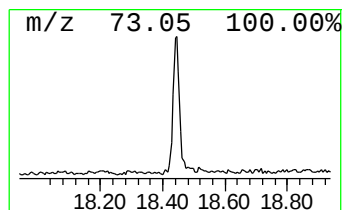
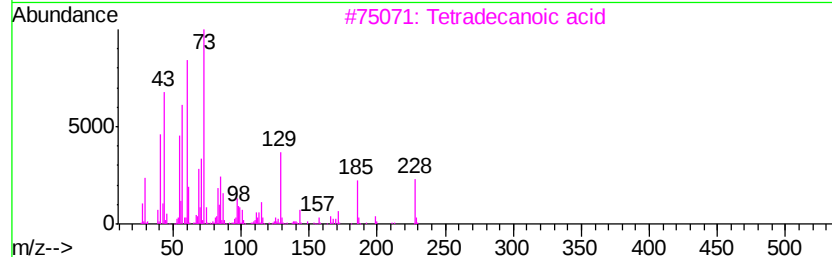
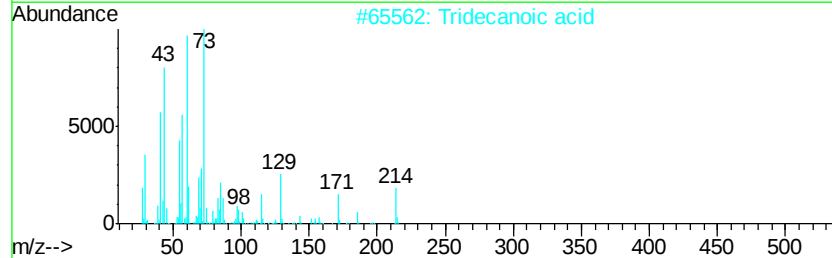
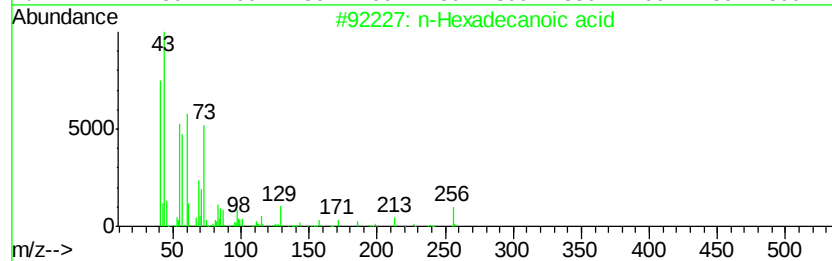
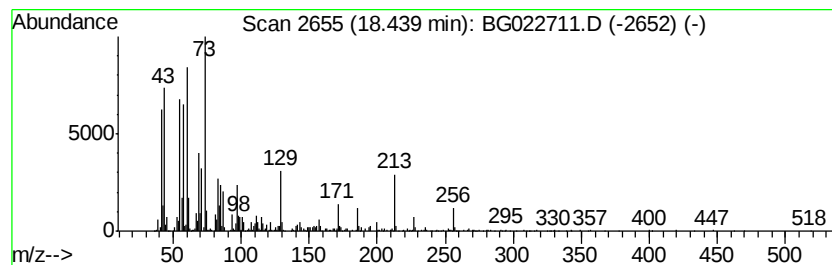
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 n-Hexadecanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.44	8.72 ng	1422400	Phenanthrene-d10	17.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2			Tridecanoic acid	214	C13H26O2	000638-53-9	90
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	89
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	68
5			Undecanoic acid	186	C11H22O2	000112-37-8	53



Data Path : Z:\HPCHEM1\BNA G\DATA\BG062916\
Data File : BG022711.D
Acq On : 30 Jun 2016 2:39
Operator : UM/SJ
Sample : H3828-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
S8-0583

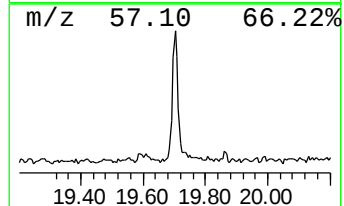
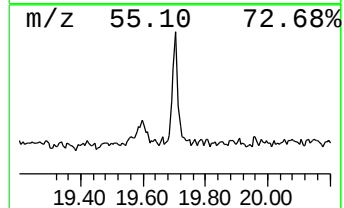
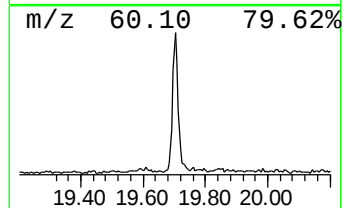
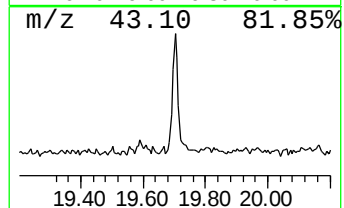
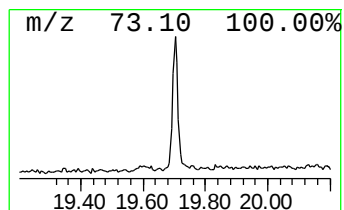
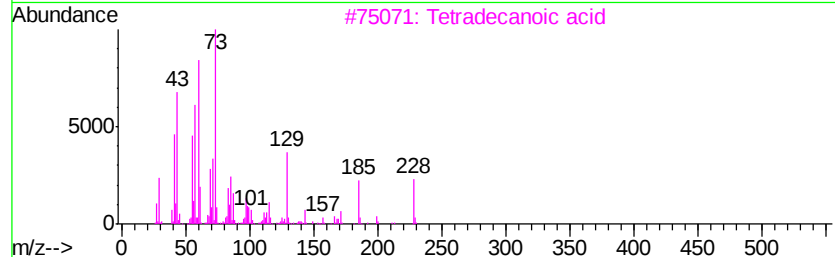
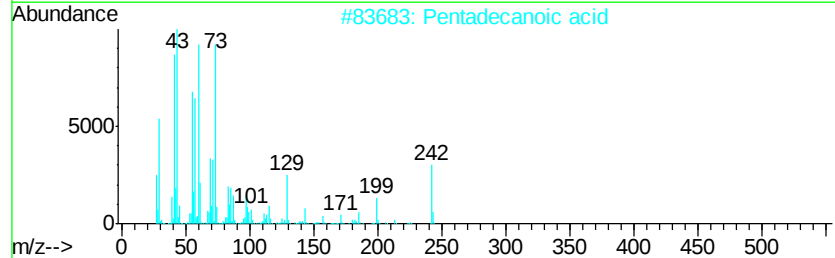
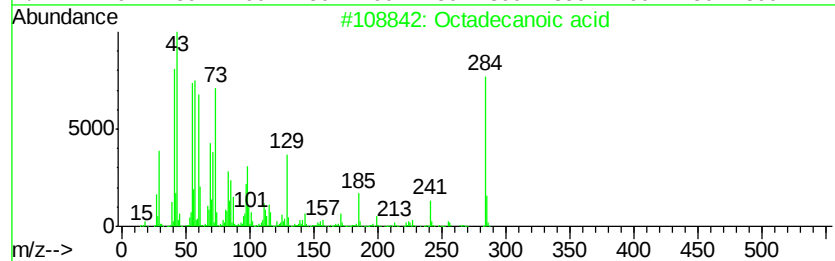
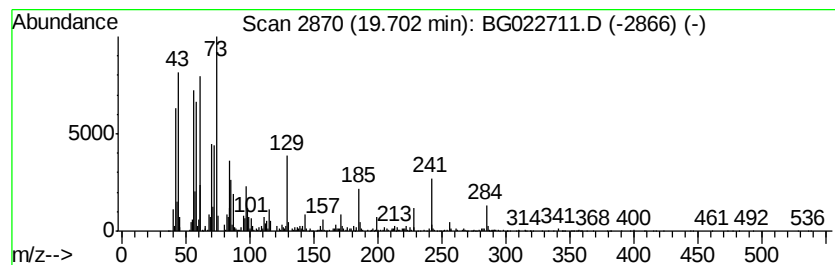
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Octadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.70	11.15 ng	1818950	Phenanthrene-d10	17.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	93
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4		n-Decanoic acid	172	C10H20O2	000334-48-5	62
5		Tridecanoic acid	214	C13H26O2	000638-53-9	59



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062916\
Data File : BG022711.D
Acq On : 30 Jun 2016 2:39
Operator : UM/SJ
Sample : H3828-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
S8-0583

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown7.69	7.69	63.6	ng	3037610	1	8.16	955638	20.0
unknown8.95	8.95	37.1	ng	1771470	1	8.16	955638	20.0
unknown9.13	9.13	11.2	ng	534055	1	8.16	955638	20.0
unknown9.25	9.25	32.1	ng	1535080	1	8.16	955638	20.0
unknown9.74	9.74	12.3	ng	986279	2	10.99	1605370	20.0
unknown9.90	9.90	7.7	ng	621532	2	10.99	1605370	20.0
unknown11.25	11.25	10.0	ng	800093	2	10.99	1605370	20.0
unknown11.68	11.68	11.7	ng	939923	2	10.99	1605370	20.0
unknown11.75	11.75	12.1	ng	968458	2	10.99	1605370	20.0
5-Tridecanol	11.81	12.7	ng	1020670	2	10.99	1605370	20.0
unknown11.88	11.88	8.2	ng	654475	2	10.99	1605370	20.0
unknown12.38	12.38	9.3	ng	747376	2	10.99	1605370	20.0
unknown12.79	12.79	8.1	ng	653293	2	10.99	1605370	20.0
unknown13.81	13.81	7.7	ng	918293	3	14.80	2400940	20.0
unknown13.91	13.91	6.4	ng	765877	3	14.80	2400940	20.0
2,5-Cyclohexadien...	14.44	13.3	ng	1598460	3	14.80	2400940	20.0
1,3-Diethyladaman...	16.51	14.2	ng	2309590	4	17.56	3262850	20.0
n-Hexadecanoic acid	18.44	8.7	ng	1422400	4	17.56	3262850	20.0
Octadecanoic acid	19.70	11.2	ng	1818950	4	17.56	3262850	20.0