

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022817\
 Data File : BG026012.D
 Acq On : 1 Mar 2017 1:04
 Operator : SJ/MA
 Sample : I2014-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PRESS-WASTE-WATER-CAKE

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-BG021717.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.792	73	77	82	rBV	69412	96861	1.34%	0.113%
2	3.898	82	95	101	rVV	151476	347403	4.80%	0.407%
3	4.298	135	163	166	rBV	483934	2471159	34.16%	2.893%
4	4.585	206	212	216	rBV	411529	604653	8.36%	0.708%
5	4.621	216	218	226	rVB	77113	101097	1.40%	0.118%
6	5.008	264	284	294	rBV	299487	1102101	15.23%	1.290%
7	5.144	294	307	309	rVV	188810	467952	6.47%	0.548%
8	5.185	309	314	323	rVB	731424	1098908	15.19%	1.286%
9	5.578	368	381	384	rBV	268773	787865	10.89%	0.922%
10	5.649	387	393	398	rBV	1883172	3109130	42.97%	3.640%
11	5.966	442	447	454	rVB2	100806	163324	2.26%	0.191%
12	6.154	475	479	486	rVB	98131	142734	1.97%	0.167%
13	6.583	544	552	561	rBV2	47460	92955	1.28%	0.109%
14	7.235	627	663	676	rBV2	1686174	6009178	83.06%	7.034%
15	7.611	716	727	733	rBV	1890625	3239178	44.77%	3.792%
16	7.846	756	767	775	rBV2	63574	145479	2.01%	0.170%
17	8.075	798	806	812	rBV	330619	559175	7.73%	0.655%
18	8.134	812	816	826	rVB	182759	291602	4.03%	0.341%
19	8.311	839	846	853	rVV	50803	96336	1.33%	0.113%
20	8.405	853	862	876	rVB	1477433	2611037	36.09%	3.056%
21	8.669	898	907	917	rVB	178695	411521	5.69%	0.482%
22	9.233	991	1003	1012	rBV	1291982	2403267	33.22%	2.813%
23	9.392	1024	1030	1042	rVB2	105054	218202	3.02%	0.255%
24	9.615	1062	1068	1073	rBV	61742	118135	1.63%	0.138%
25	10.255	1140	1177	1189	rBV	748961	2910230	40.23%	3.407%
26	10.637	1235	1242	1255	rBV	630529	1042563	14.41%	1.220%
27	10.878	1274	1283	1289	rBV	497775	901401	12.46%	1.055%
28	11.031	1301	1309	1314	rBV7	33970	79551	1.10%	0.093%
29	11.407	1360	1373	1380	rBV	203918	428598	5.92%	0.502%
30	11.519	1386	1392	1403	rVB6	31810	83311	1.15%	0.098%
31	11.660	1411	1416	1421	rBV	67246	106856	1.48%	0.125%
32	12.224	1505	1512	1518	rBV2	52756	97415	1.35%	0.114%
33	12.482	1551	1556	1567	rVB3	163147	292152	4.04%	0.342%
34	12.664	1577	1587	1597	rBV	485865	1019098	14.09%	1.193%

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35	12.893	1620	1626	1633	rVB5	143539	316180	4.37%	0.370%
36	12.976	1633	1640	1649	rBV2	421095	731274	10.11%	0.856%
37	13.128	1661	1666	1678	rVB	85202	171121	2.37%	0.200%
38	13.311	1687	1697	1703	rBV	3435898	5374301	74.28%	6.291%
39	13.657	1749	1756	1765	rBV2	193761	366599	5.07%	0.429%
40	13.822	1777	1784	1789	rBV2	231094	446368	6.17%	0.523%
41	13.916	1796	1800	1813	rVB	175725	280137	3.87%	0.328%
42	14.039	1813	1821	1826	rBV10	29558	87257	1.21%	0.102%
43	14.110	1828	1833	1839	rBV4	146118	273260	3.78%	0.320%
44	14.415	1881	1885	1892	rVB5	76395	153320	2.12%	0.179%
45	14.680	1922	1930	1938	rBV2	919353	1556441	21.51%	1.822%
46	14.873	1953	1963	1977	rBV	772809	1670992	23.10%	1.956%
47	15.056	1988	1994	1995	rBV2	72832	101941	1.41%	0.119%
48	15.085	1995	1999	2004	rVV3	207244	378734	5.23%	0.443%
49	15.126	2004	2006	2013	rVB2	114490	168005	2.32%	0.197%
50	15.484	2062	2067	2071	rBV2	88371	151052	2.09%	0.177%
51	15.655	2081	2096	2107	rBV	802317	2435971	33.67%	2.852%
52	15.761	2108	2114	2129	rVB2	84736	274242	3.79%	0.321%
53	15.925	2137	2142	2145	rBV2	60927	81999	1.13%	0.096%
54	16.019	2152	2158	2166	rBV	428144	629533	8.70%	0.737%
55	16.154	2174	2181	2186	rBV	2759794	4394957	60.75%	5.145%
56	16.195	2186	2188	2191	rVV2	115416	147472	2.04%	0.173%
57	16.231	2191	2194	2201	rVB	66881	113951	1.58%	0.133%
58	16.336	2208	2212	2215	rBV	70965	106661	1.47%	0.125%
59	16.436	2225	2229	2232	rVV2	109704	165696	2.29%	0.194%
60	16.489	2236	2238	2244	rVB2	70836	95200	1.32%	0.111%
61	16.777	2283	2287	2288	rVV2	92945	114321	1.58%	0.134%
62	16.801	2288	2291	2302	rVB	202586	380942	5.27%	0.446%
63	17.406	2388	2394	2407	rVB	1215967	1938772	26.80%	2.270%
64	17.576	2418	2423	2425	rBV4	69405	113154	1.56%	0.132%
65	18.170	2518	2524	2531	rBV2	135797	262044	3.62%	0.307%
66	18.240	2531	2536	2540	rBV	131441	191015	2.64%	0.224%
67	18.293	2540	2545	2553	rVV	1626919	2291788	31.68%	2.683%
68	18.487	2574	2578	2589	rVB7	45349	98016	1.35%	0.115%
69	18.775	2623	2627	2633	rBV4	55143	109019	1.51%	0.128%
70	19.039	2668	2672	2677	rBV	88158	126320	1.75%	0.148%
71	19.198	2695	2699	2701	rBV3	59959	79520	1.10%	0.093%

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Sampling : 1 Min Area: 3 % of largest Peak
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72	19.415	2730	2736	2738	rBV	2288695	3257918	45.03%	3.814%
73	19.445	2738	2741	2756	rVV	4245551	7234756	100.00%	8.469%
74	19.556	2756	2760	2777	rVB	1081639	1667066	23.04%	1.951%
75	19.909	2814	2820	2825	rBV5	169499	348358	4.82%	0.408%
76	20.003	2831	2836	2846	rVB	4860506	6721399	92.90%	7.868%
77	20.308	2884	2888	2892	rBV4	65452	111122	1.54%	0.130%
78	20.778	2964	2968	2989	rVB	583905	912477	12.61%	1.068%
79	21.272	3048	3052	3055	rBV3	81420	122984	1.70%	0.144%
80	21.654	3111	3117	3129	rVB	1282544	2233987	30.88%	2.615%
81	22.823	3309	3316	3322	rBV2	391261	719236	9.94%	0.842%
82	24.856	3651	3662	3674	rVB2	673077	1992558	27.54%	2.332%
83	25.302	3735	3738	3747	rVB10	34142	76235	1.05%	0.089%

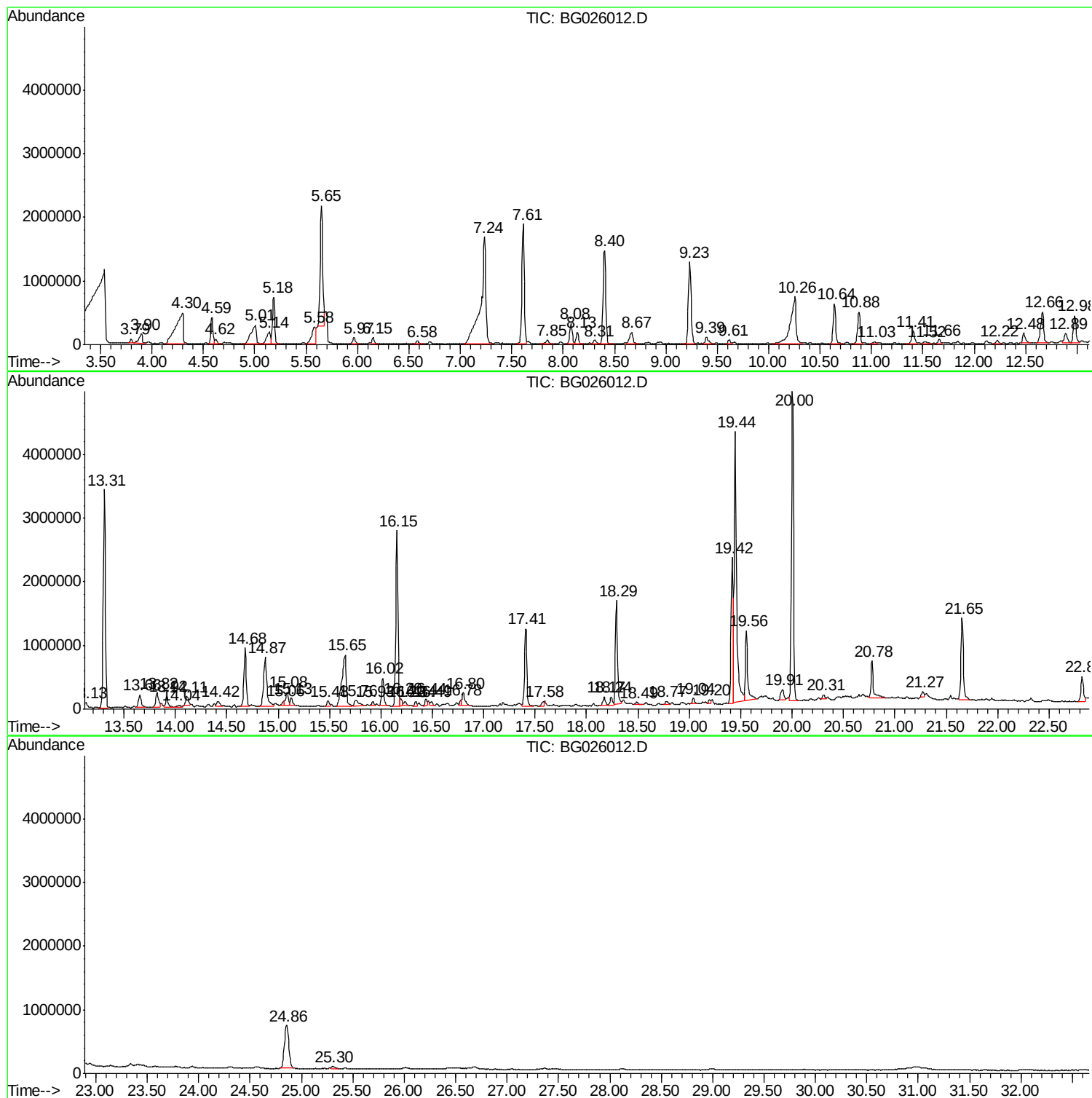
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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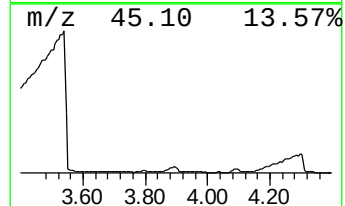
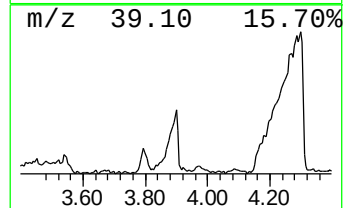
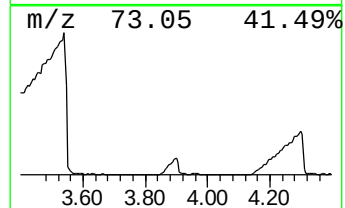
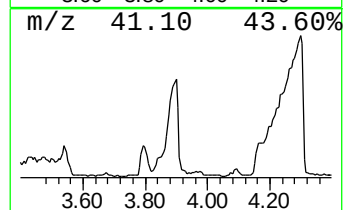
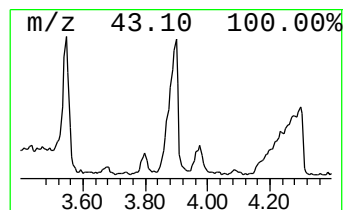
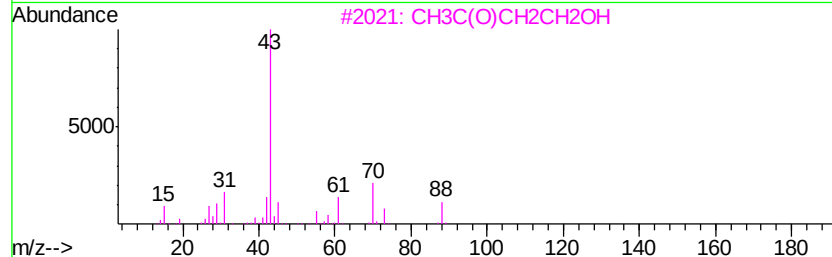
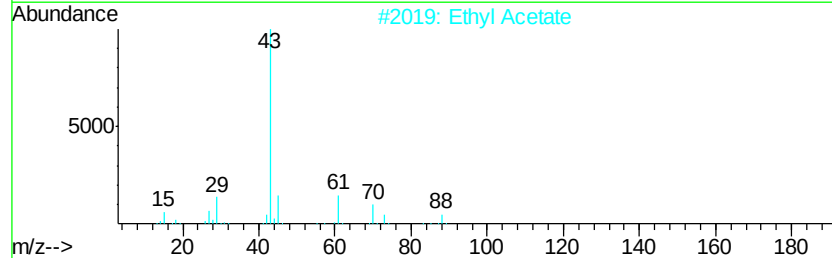
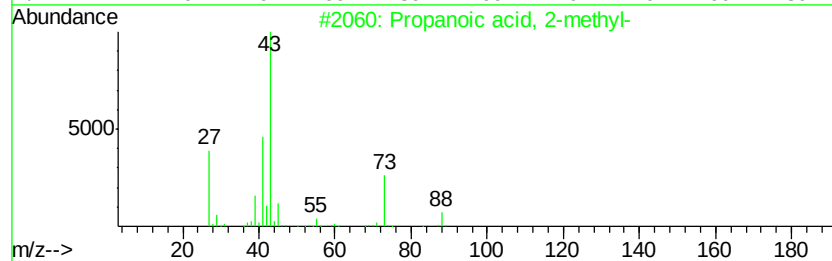
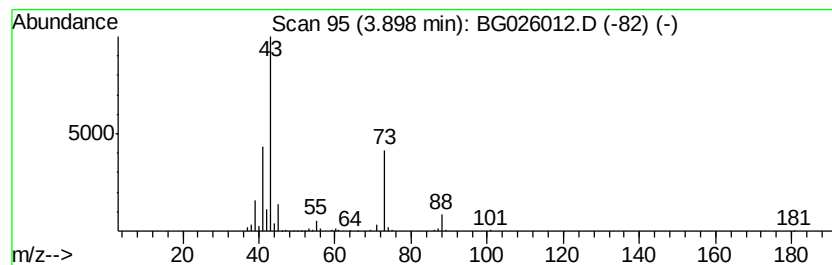
Instrument :
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PRESS-WASTE-WATER-CAKE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Propanoic acid, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
3.90	12.43 ng	347403	1,4-Dichlorobenzene-d4	8.08	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-	88	C4H8O2	000079-31-2	91
2	Ethyl Acetate	88	C4H8O2	000141-78-6	38
3	CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	38
4	Isopropylsulfonyl chloride	142	C3H7ClO2S	010147-37-2	16
5	Hydrazine, 1,2-diethyl-	88	C4H12N2	001615-80-1	9



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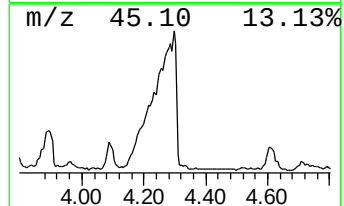
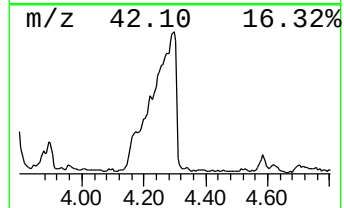
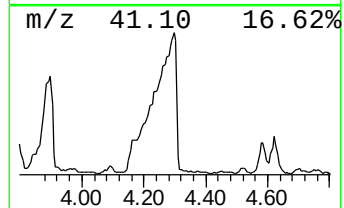
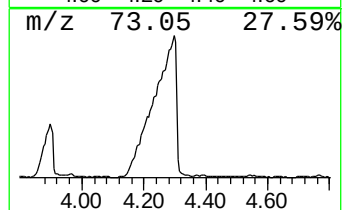
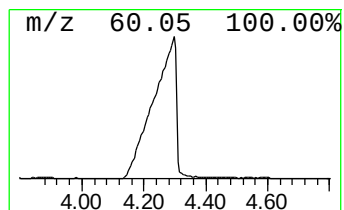
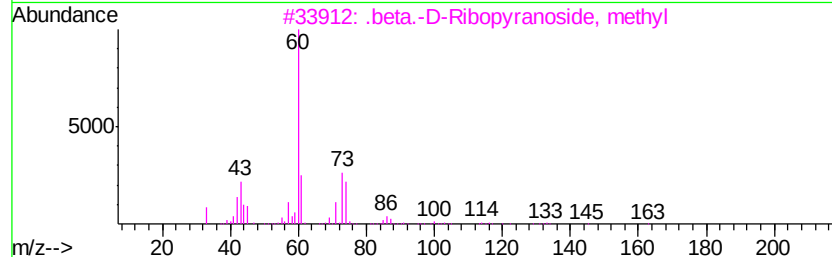
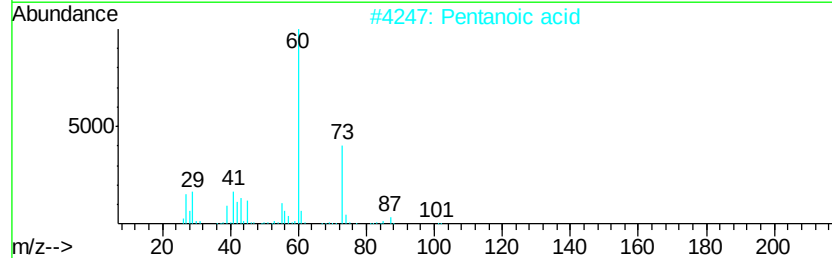
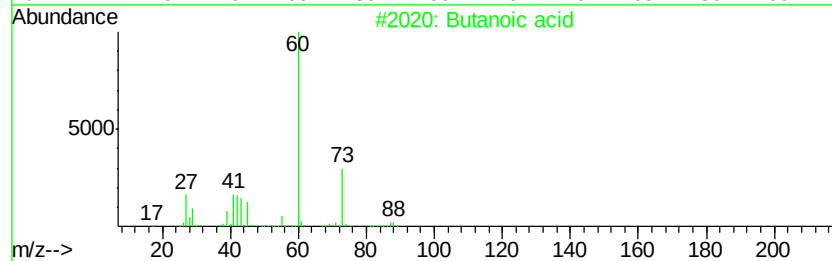
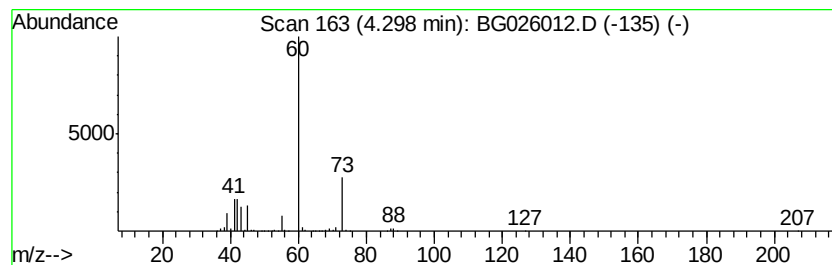
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Butanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.30	88.39 ng	2471160	1,4-Dichlorobenzene-d4	8.08

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid		88	C4H8O2	000107-92-6	91
2	Pentanoic acid		102	C5H10O2	000109-52-4	64
3	.beta.-D-Ribopyranoside, methyl		164	C6H12O5	017289-61-1	9
4	Ethyl .beta.-d-ribose		178	C7H14O5	1000126-95-4	9
5	Butanoic acid, 4-chloro-		122	C4H7ClO2	000627-00-9	9



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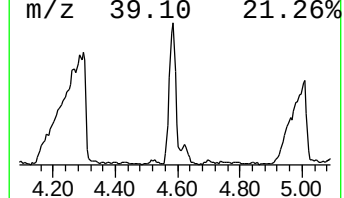
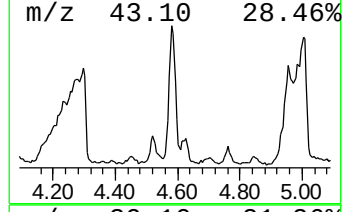
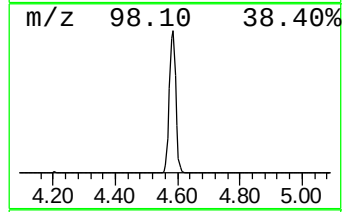
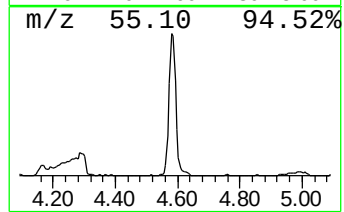
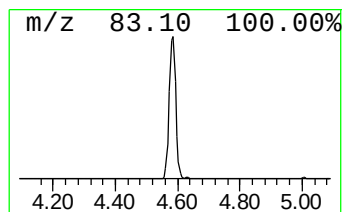
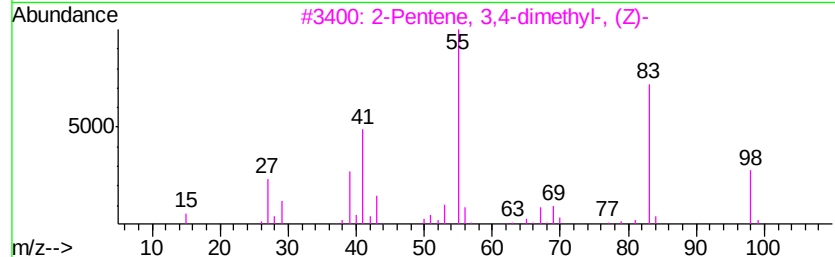
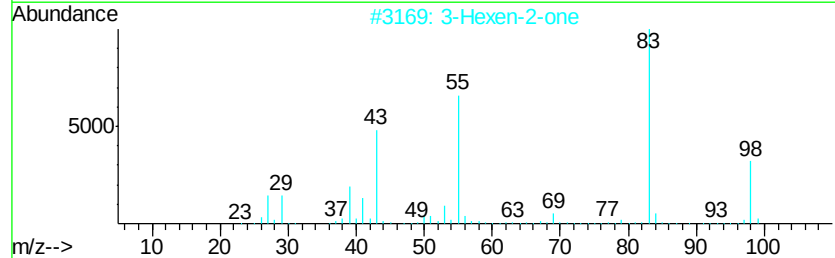
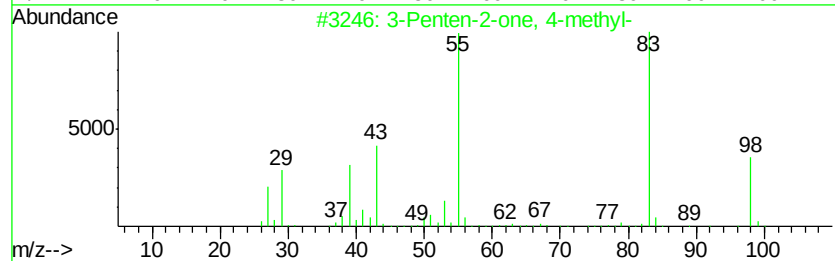
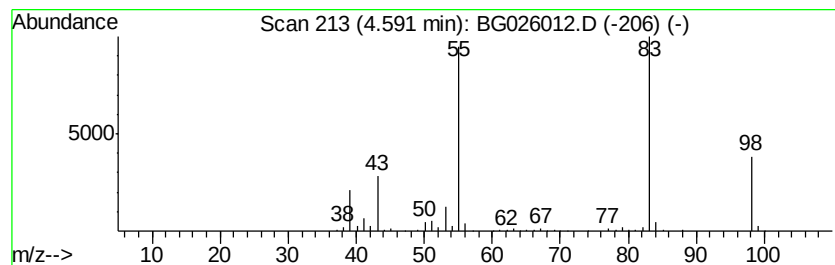
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 3-Penten-2-one, 4-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.59	21.63 ng	604653	1,4-Dichlorobenzene-d4	8.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2		3-Hexen-2-one	98	C6H10O	000763-93-9	87
3		2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86
4		Cyclohexane, methyl-	98	C7H14	000108-87-2	80
5		2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	78



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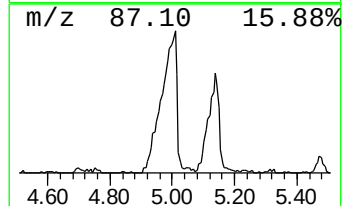
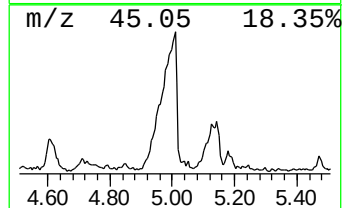
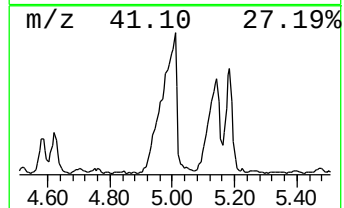
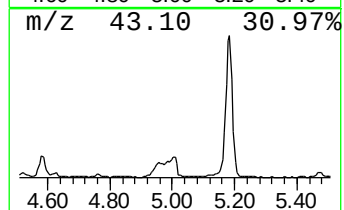
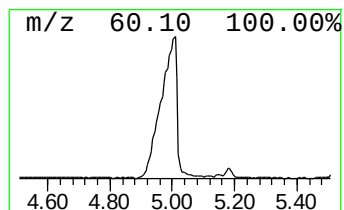
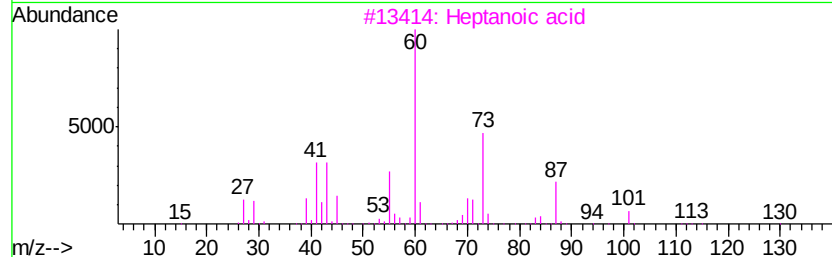
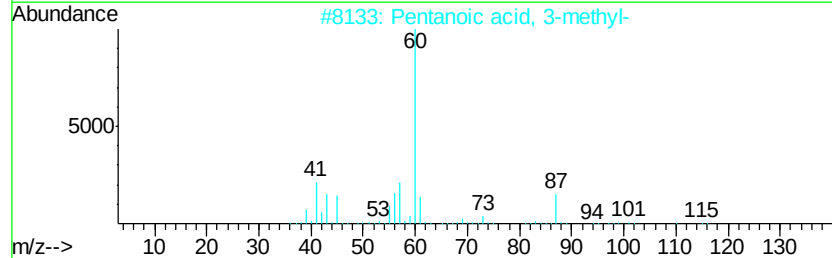
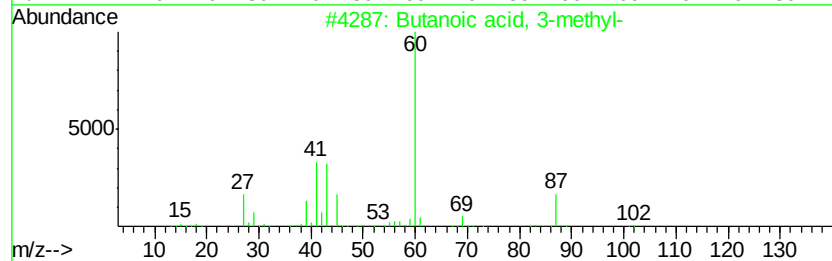
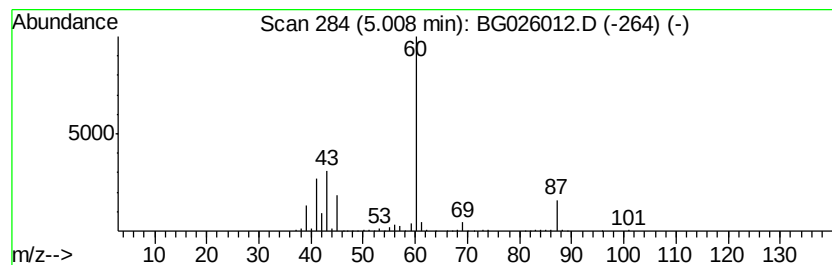
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Butanoic acid, 3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.01	39.42 ng	1102100	1,4-Dichlorobenzene-d4	8.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	83
2		Pentanoic acid, 3-methyl-	116	C6H12O2	000105-43-1	64
3		Heptanoic acid	130	C7H14O2	000111-14-8	40
4		Pentanoic acid	102	C5H10O2	000109-52-4	39
5		1-Pentanamine	87	C5H13N	000110-58-7	9



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022817\
Data File : BG026012.D
Acq On : 1 Mar 2017 1:04
Operator : SJ/MA
Sample : I2014-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PRESS-WASTE-WATER-CAKE

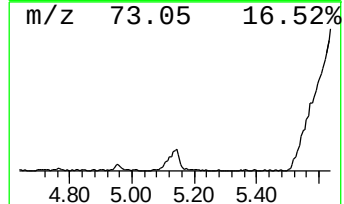
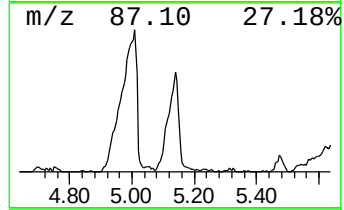
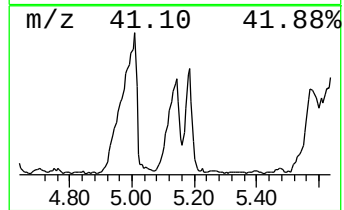
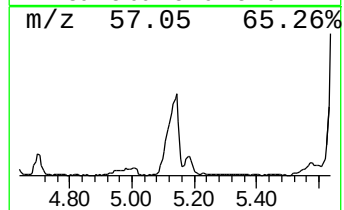
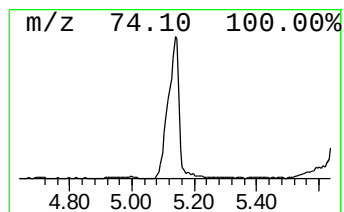
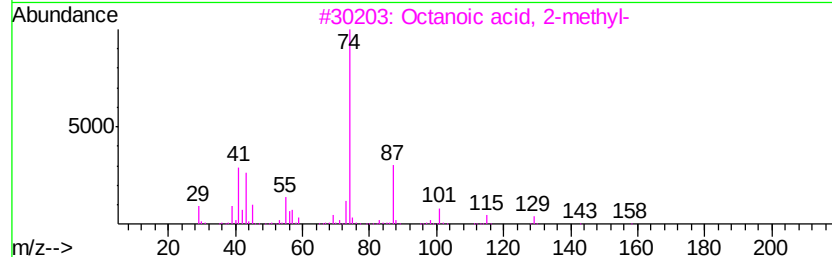
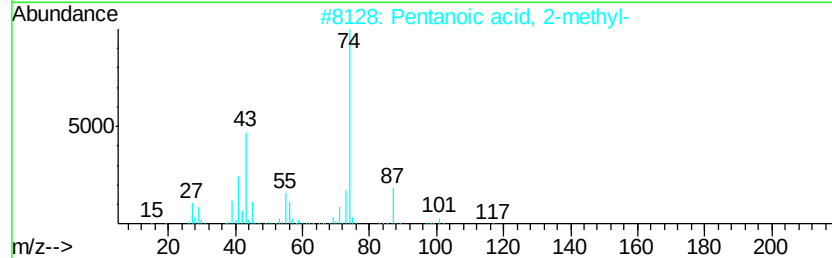
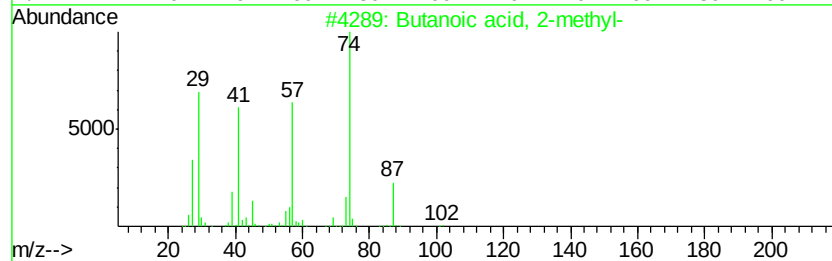
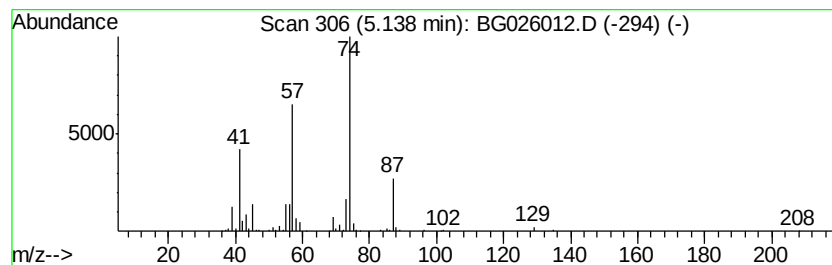
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Butanoic acid, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.14	16.74 ng	467952	1,4-Dichlorobenzene-d4	8.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butanoic acid, 2-methyl-	102	C5H10O2	000116-53-0	90
2		Pentanoic acid, 2-methyl-	116	C6H12O2	000097-61-0	45
3		Octanoic acid, 2-methyl-	158	C9H18O2	003004-93-1	39
4		Methanamine, 1,1-bis(2,2-dimethy...	231	C13H29N02	004909-78-8	39
5		Hexanoic acid, 2-methyl-	130	C7H14O2	004536-23-6	39



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022817\
Data File : BG026012.D
Acq On : 1 Mar 2017 1:04
Operator : SJ/MA
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Misc :
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Instrument :
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ClientSampleId :
PRESS-WASTE-WATER-CAKE

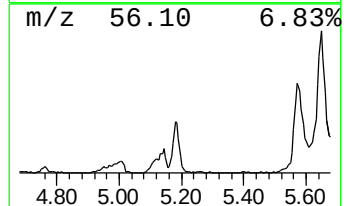
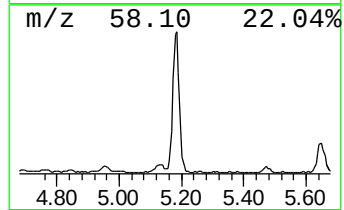
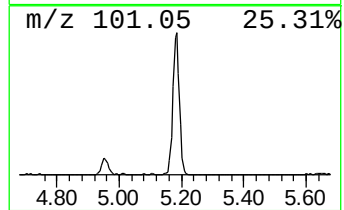
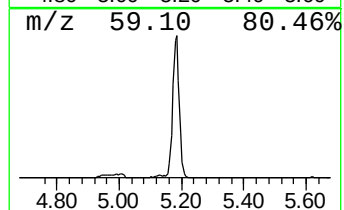
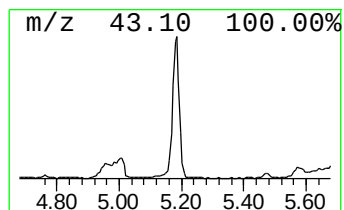
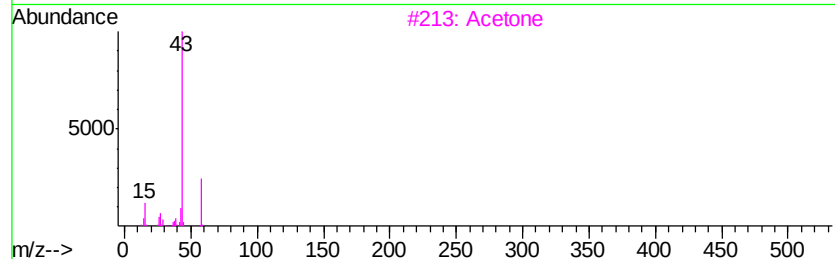
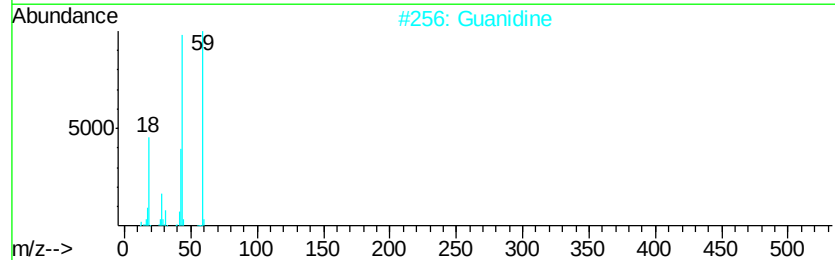
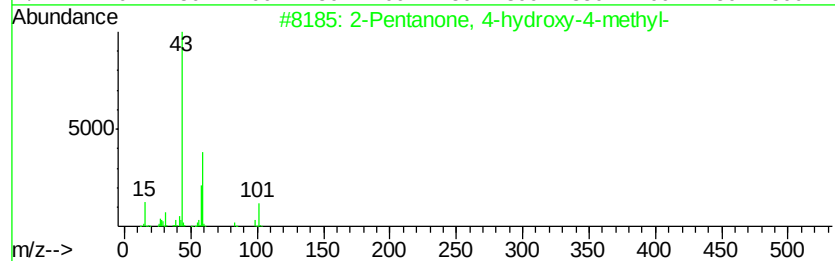
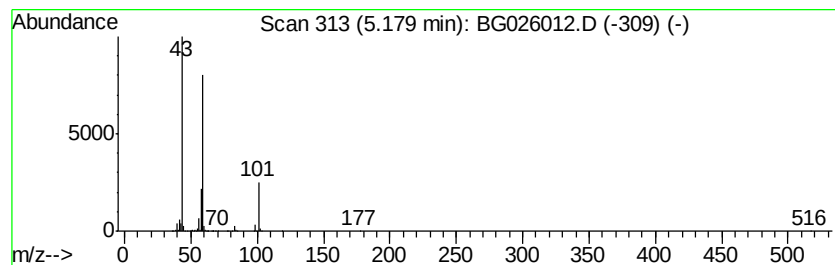
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	39.30 ng	1098910	1,4-Dichlorobenzene-d4	8.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		Guanidine	59	CH5N3	000113-00-8	47
3		Acetone	58	C3H6O	000067-64-1	9
4		Formamide, N,N-diethyl-	101	C5H11NO	000617-84-5	9
5		5-Hexen-2-one	98	C6H10O	000109-49-9	9



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022817\
Data File : BG026012.D
Acq On : 1 Mar 2017 1:04
Operator : SJ/MA
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Misc :
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Instrument :
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ClientSampleId :
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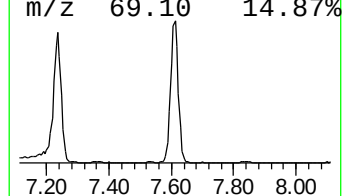
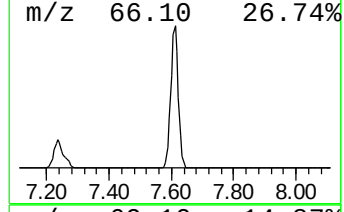
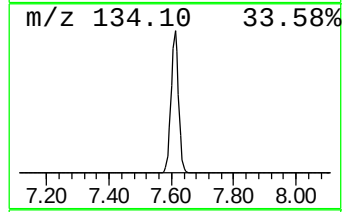
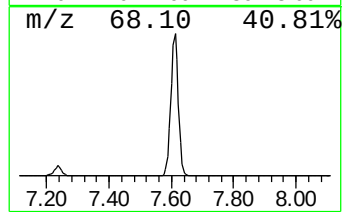
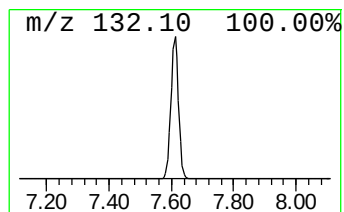
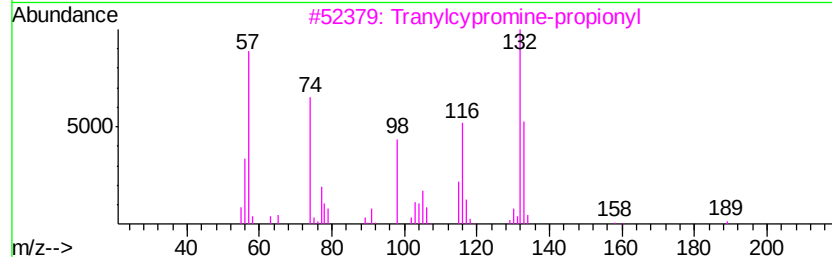
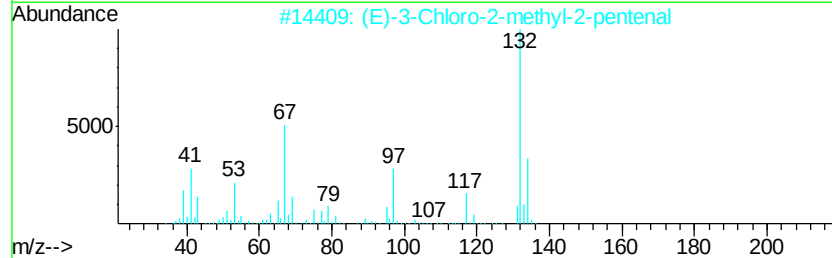
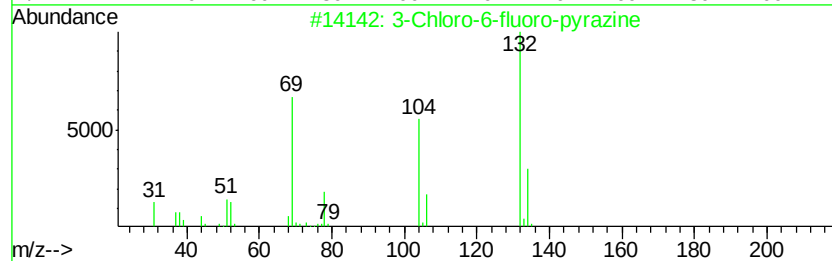
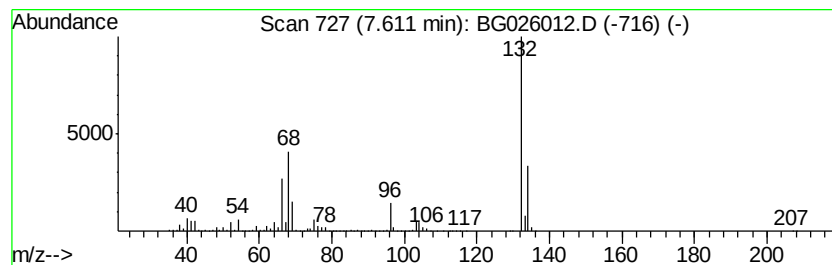
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown7.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	115.86 ng	3239180	1,4-Dichlorobenzene-d4	8.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022817\
Data File : BG026012.D
Acq On : 1 Mar 2017 1:04
Operator : SJ/MA
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PRESS-WASTE-WATER-CAKE

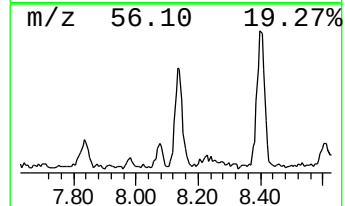
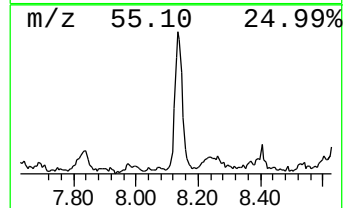
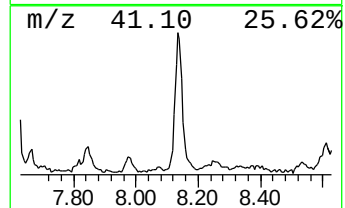
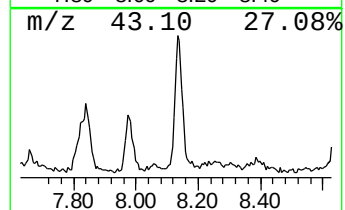
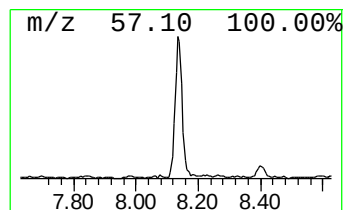
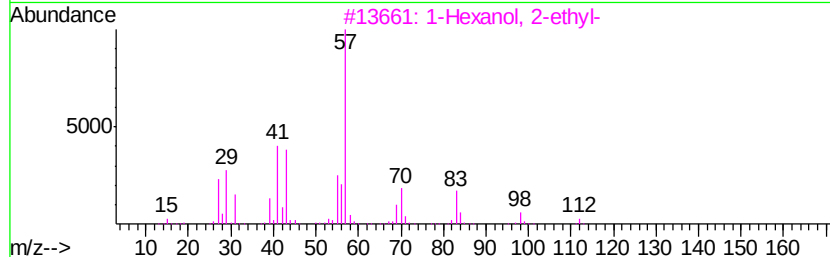
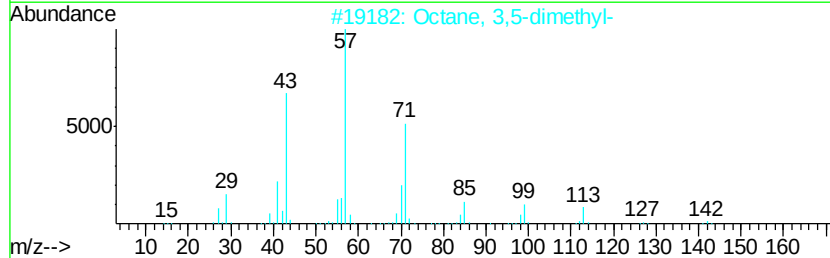
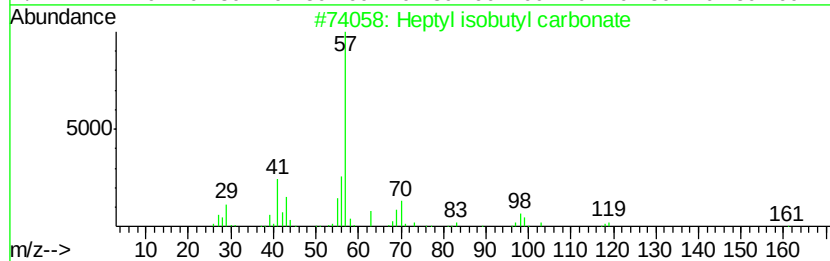
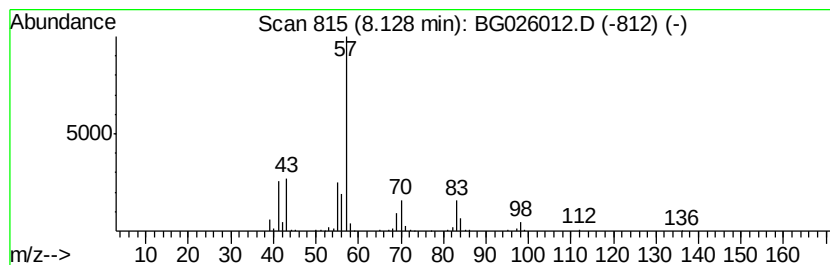
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heptyl isobutyl carbonate Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.13	10.43 ng	291602	1,4-Dichlorobenzene-d4	8.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptyl isobutyl carbonate	216	C12H24O3	959068-08-7	64
2		Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	50
3		1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	50
4		2-Propyl-1-pentanol	130	C8H18O	058175-57-8	50
5		Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	45



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022817\
Data File : BG026012.D
Acq On : 1 Mar 2017 1:04
Operator : SJ/MA
Sample : I2014-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PRESS-WASTE-WATER-CAKE

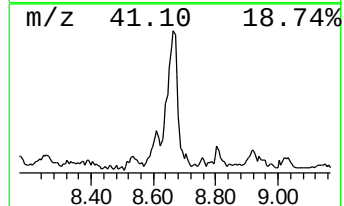
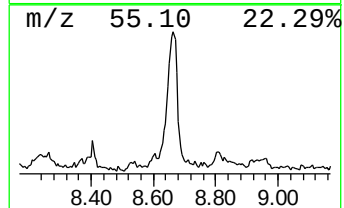
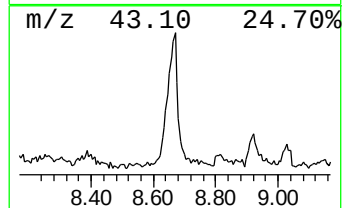
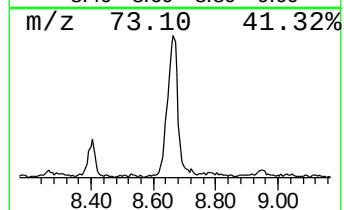
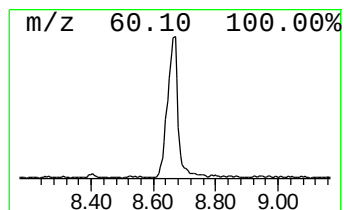
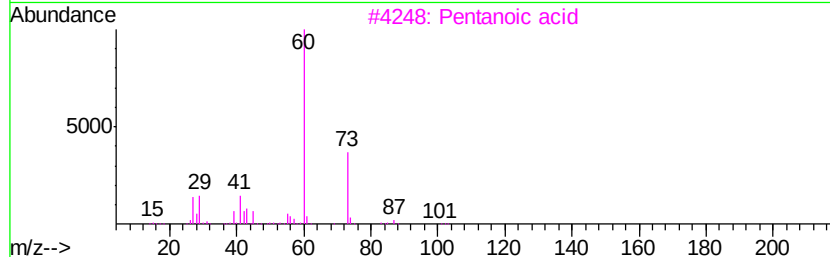
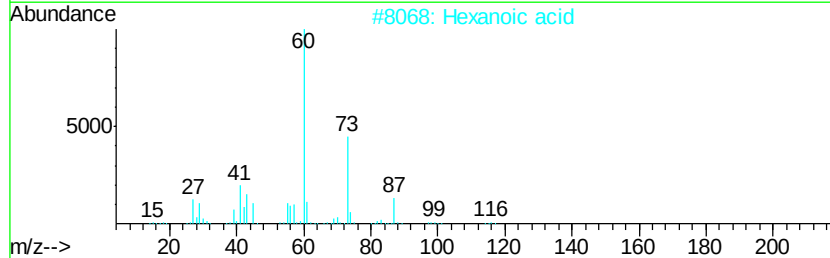
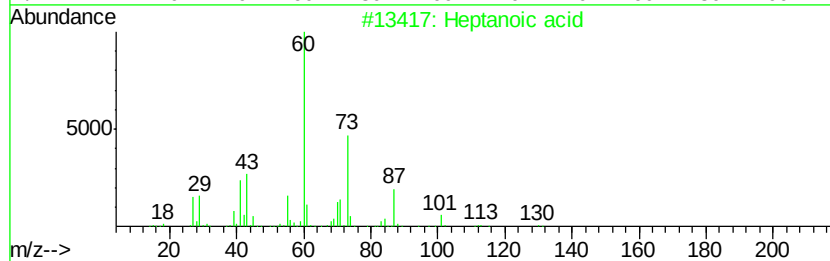
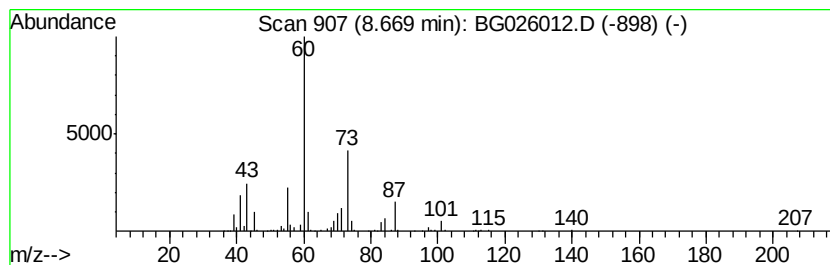
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Heptanoic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.67	14.72 ng	411521	1,4-Dichlorobenzene-d4	8.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptanoic acid	130	C7H14O2	000111-14-8	93
2		Hexanoic acid	116	C6H12O2	000142-62-1	64
3		Pentanoic acid	102	C5H10O2	000109-52-4	53
4		Pentanoic acid, 3-methyl-	116	C6H12O2	000105-43-1	45
5		Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	42



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022817\
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Acq On : 1 Mar 2017 1:04
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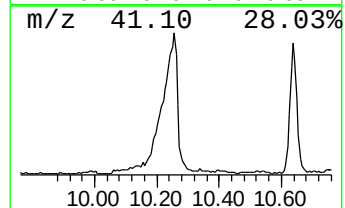
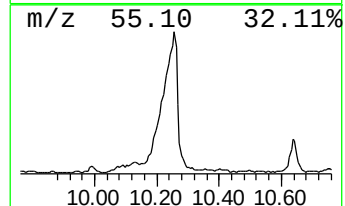
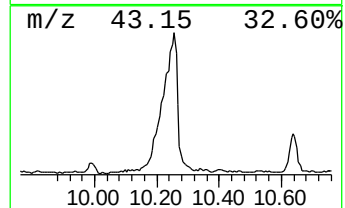
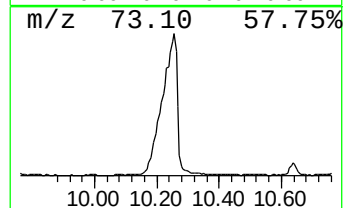
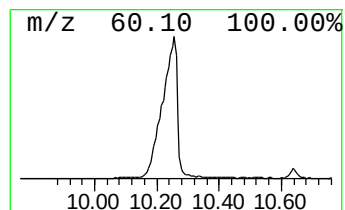
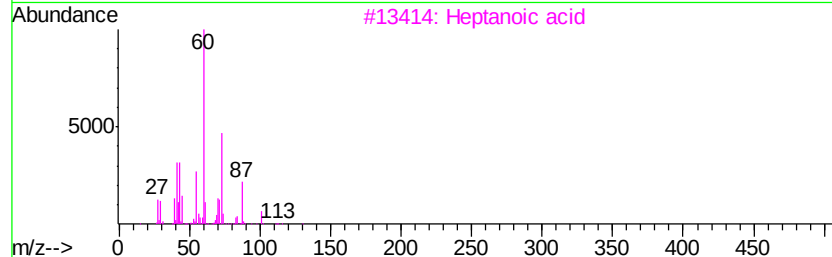
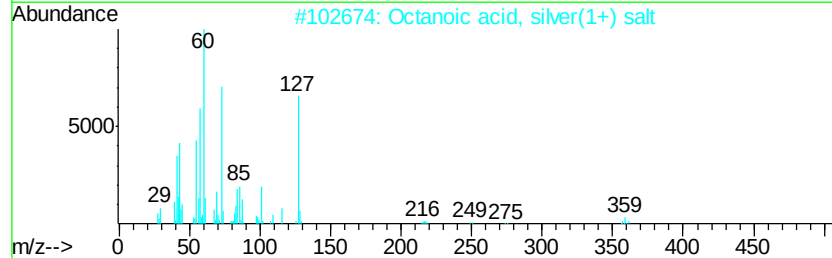
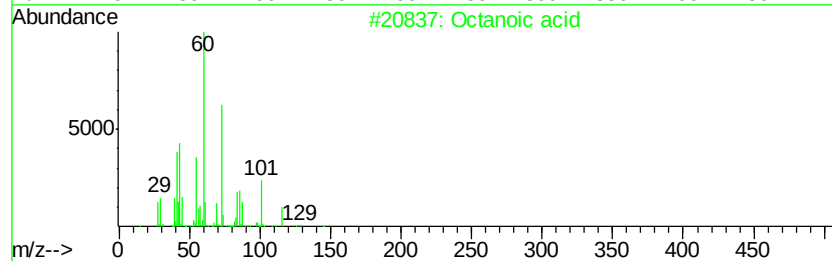
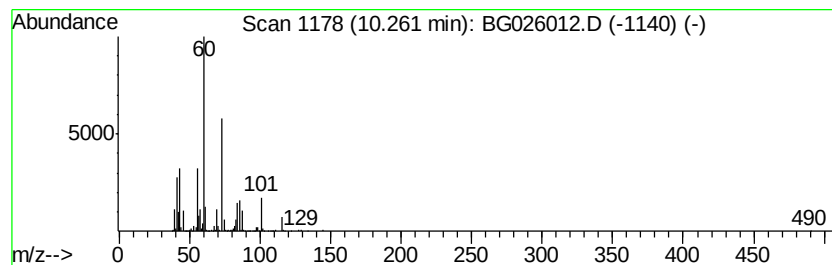
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Octanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.26	64.57 ng	2910230	Naphthalene-d8	10.88
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Octanoic acid	144 C8H16O2	000124-07-2 97
2		Octanoic acid, silver(1+) salt	250 C8H15AgO2	024927-67-1 86
3		Heptanoic acid	130 C7H14O2	000111-14-8 53
4		Pentanoic acid	102 C5H10O2	000109-52-4 53
5		Butanoic acid, 3-methyl-	102 C5H10O2	000503-74-2 50



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022817\
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Acq On : 1 Mar 2017 1:04
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Sample : I2014-01
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ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PRESS-WASTE-WATER-CAKE

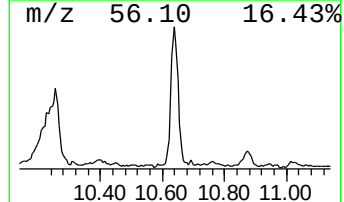
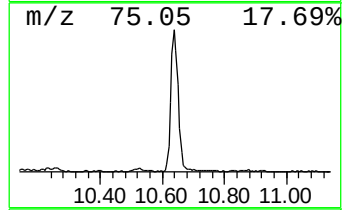
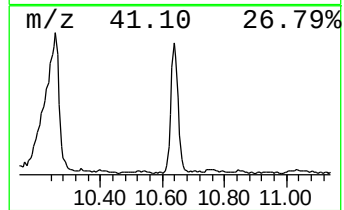
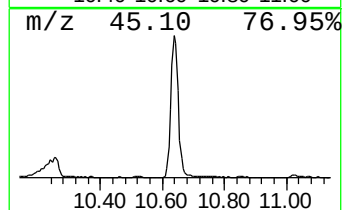
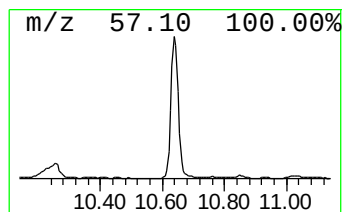
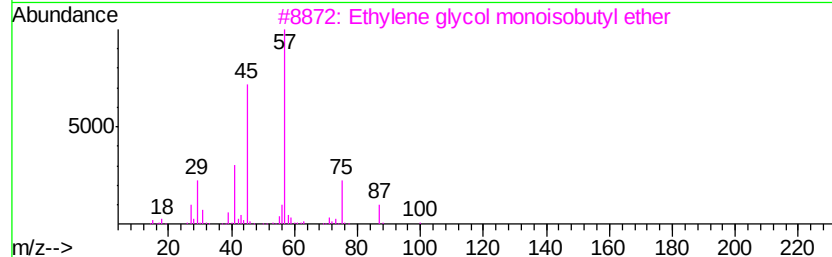
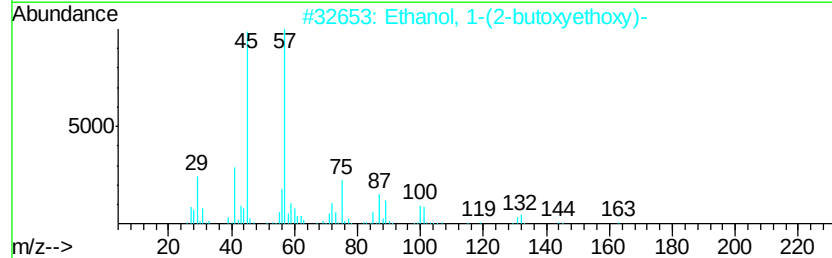
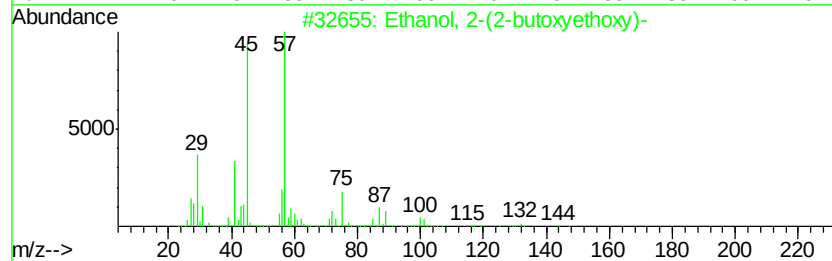
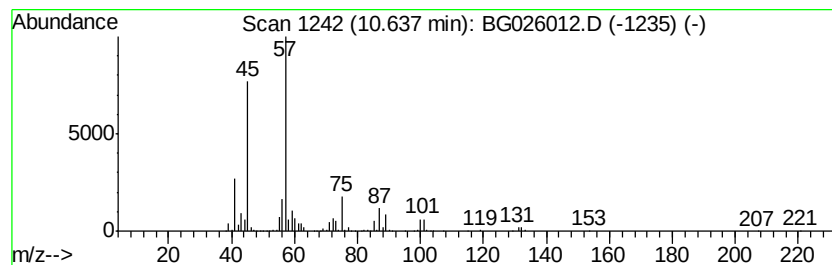
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.64	23.13 ng	1042560	Naphthalene-d8	10.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2		Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	78
3		Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
4		Butane, 1,1'-[oxybis(2,1-ethaned...	218	C12H26O3	000112-73-2	56
5		Diisopropyl ether	102	C6H14O	000108-20-3	52



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022817\
Data File : BG026012.D
Acq On : 1 Mar 2017 1:04
Operator : SJ/MA
Sample : I2014-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

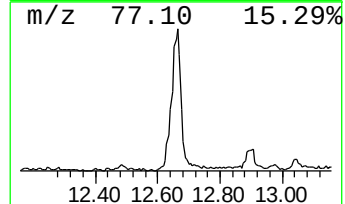
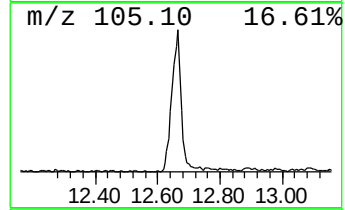
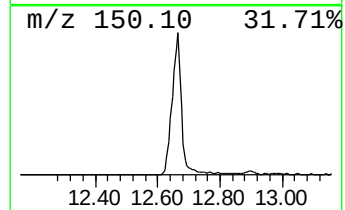
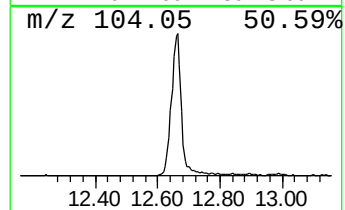
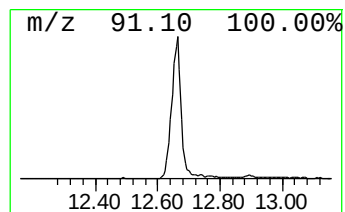
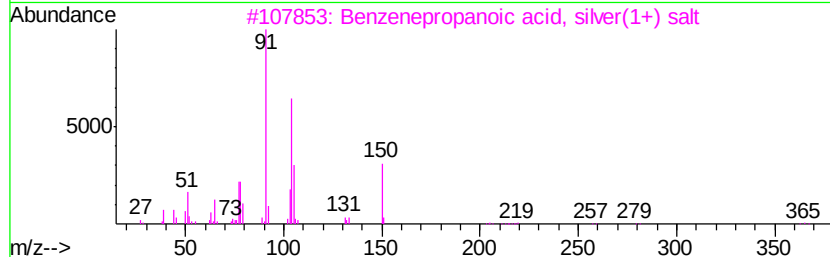
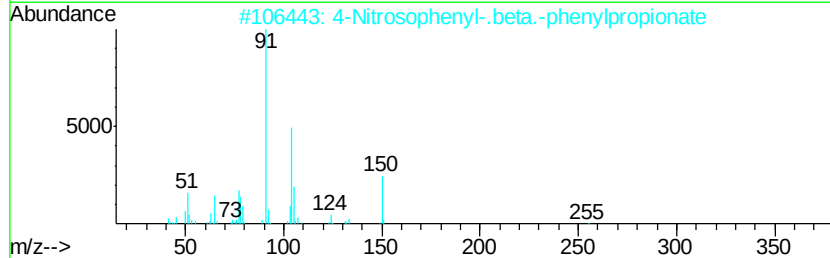
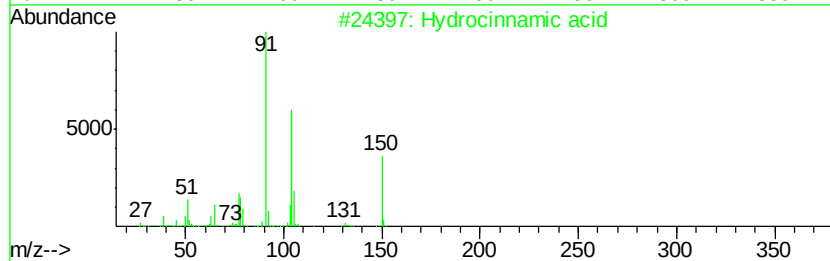
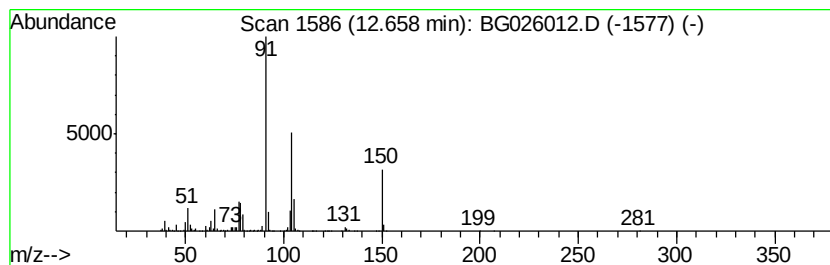
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ClientSampleId :
PRESS-WASTE-WATER-CAKE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Hydrocinnamic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.66	22.61 ng	1019100	Napthalene-d8	10.88
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Hydrocinnamic acid	150 C9H10O2	000501-52-0 96
2		4-Nitrosophenyl-.beta.-phenylpro...	255 C15H13NO3	1000129-40-0 86
3		Benzenepropanoic acid, silver(1+...	256 C9H9AgO2	075112-79-7 42
4		Benzeneacetic acid, methyl ester	150 C9H10O2	000101-41-7 38
5		Benzadehyde O-benzyloxime	211 C14H13NO	1000144-83-7 35



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022817\
Data File : BG026012.D
Acq On : 1 Mar 2017 1:04
Operator : SJ/MA
Sample : I2014-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PRESS-WASTE-WATER-CAKE

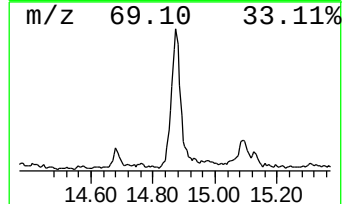
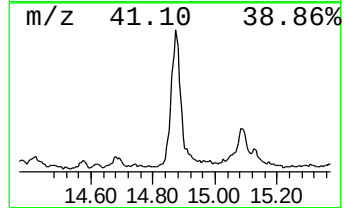
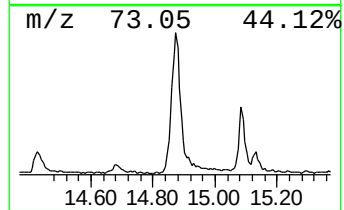
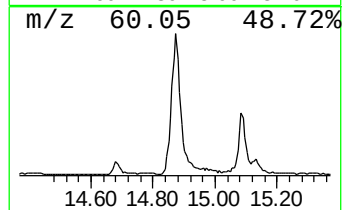
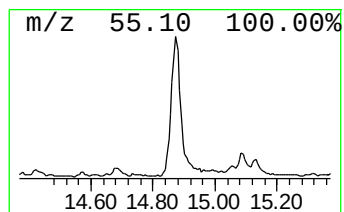
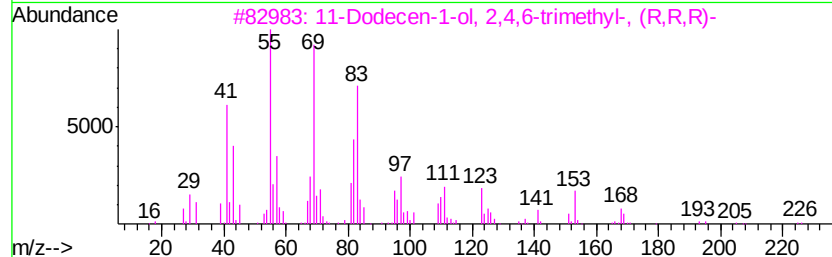
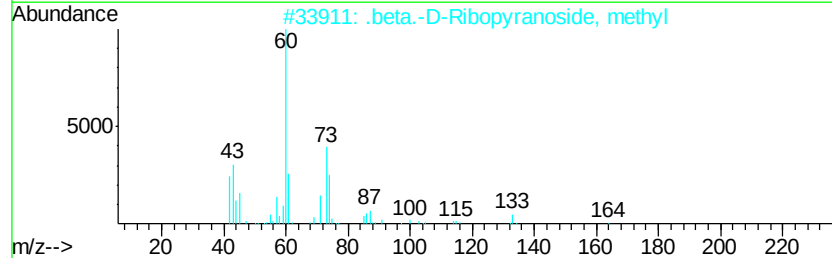
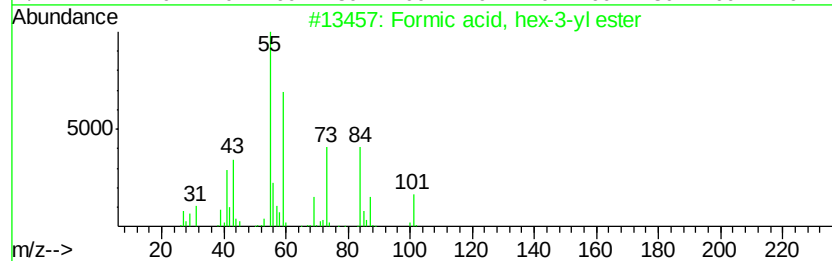
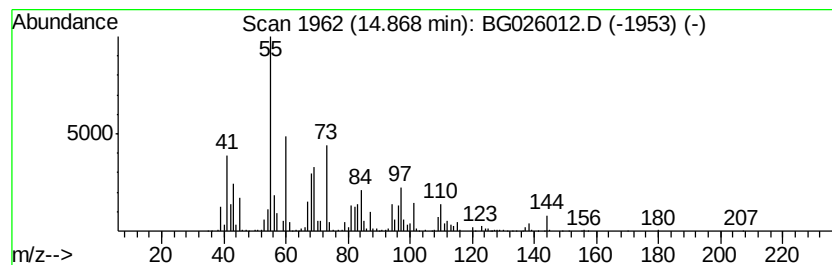
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown14.87 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	21.47 ng	1670990	Acenaphthene-d10	14.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Formic acid, hex-3-yl ester	130	C7H14O2	1000367-94-4	22
2		.beta.-D-Ribopyranoside, methyl	164	C6H12O5	017289-61-1	16
3		11-Dodecen-1-ol, 2,4,6-trimethyl...	226	C15H30O	027829-54-5	16
4		5-Hexenoic acid	114	C6H10O2	001577-22-6	16
5		n-Decanoic acid	172	C10H20O2	000334-48-5	16



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022817\
Data File : BG026012.D
Acq On : 1 Mar 2017 1:04
Operator : SJ/MA
Sample : I2014-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PRESS-WASTE-WATER-CAKE

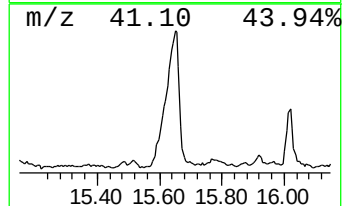
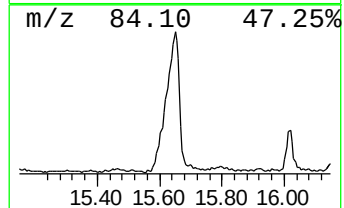
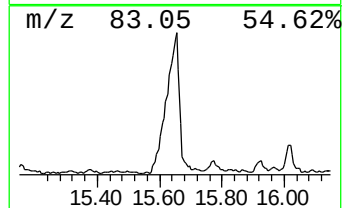
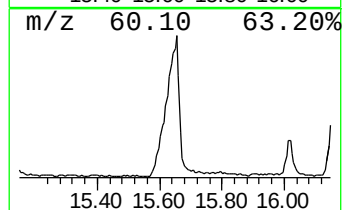
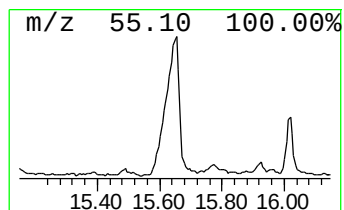
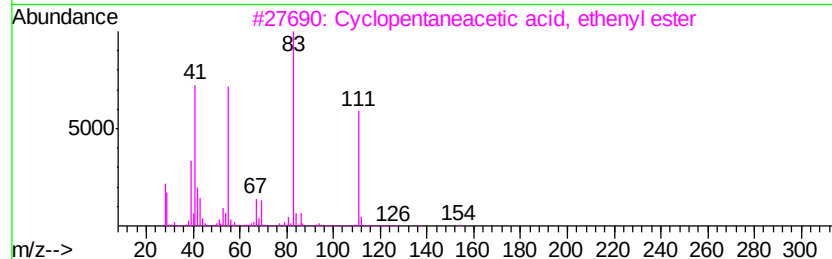
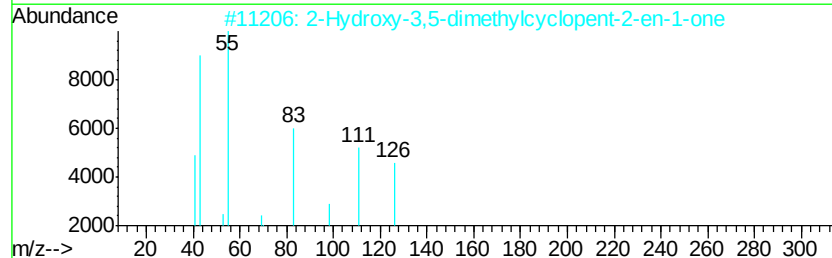
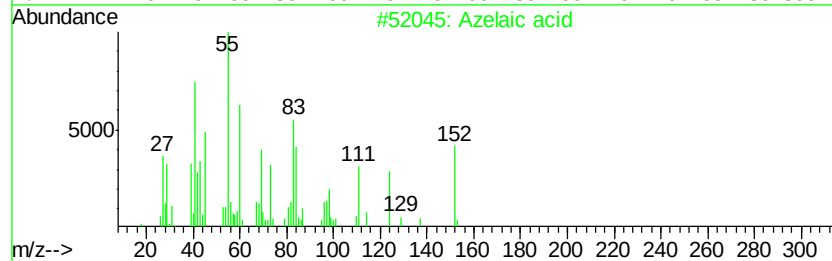
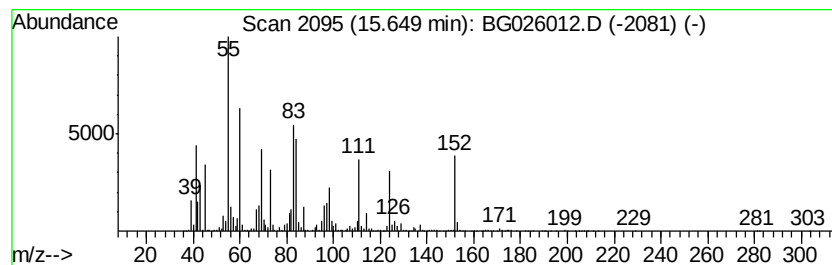
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Azelaic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.65	31.30 ng	2435970	Acenaphthene-d10	14.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Azelaic acid	188	C9H16O4	000123-99-9	91
2		2-Hydroxy-3,5-dimethylcyclopent-...	126	C7H10O2	021834-98-0	22
3		Cyclopentaneacetic acid, ethenyl...	154	C9H14O2	045955-66-6	14
4		1-Pentene, 3-ethyl-2-methyl-	112	C8H16	019780-66-6	14
5		8-Chlorocapric acid	178	C8H15ClO2	001795-62-6	14



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022817\
Data File : BG026012.D
Acq On : 1 Mar 2017 1:04
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Misc :
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ClientSampleId :
PRESS-WASTE-WATER-CAKE

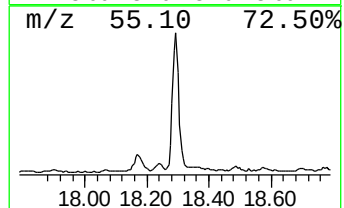
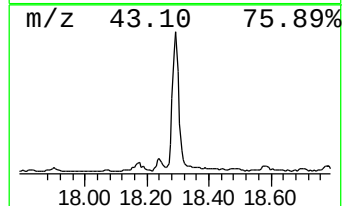
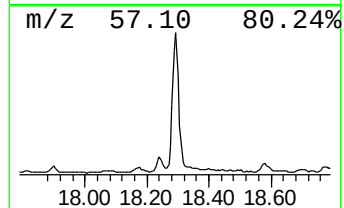
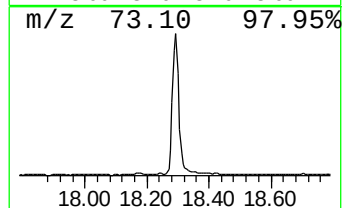
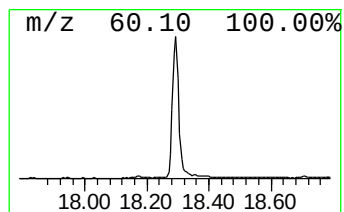
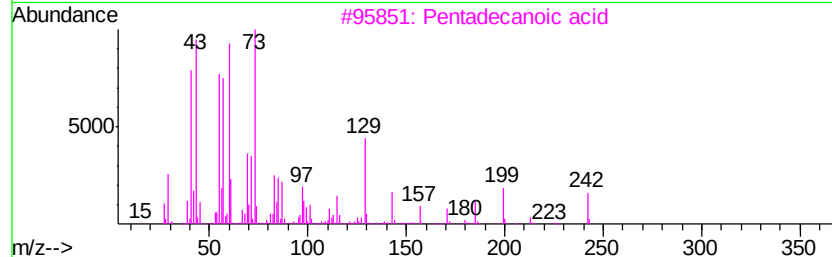
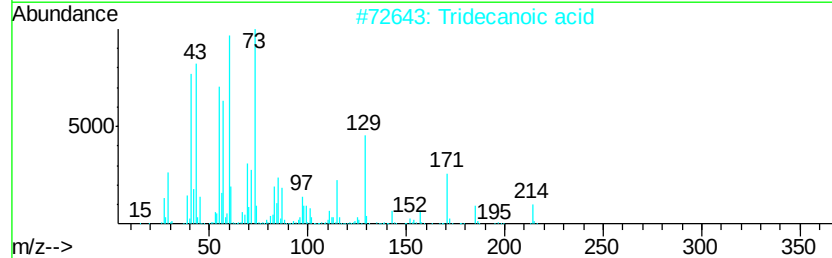
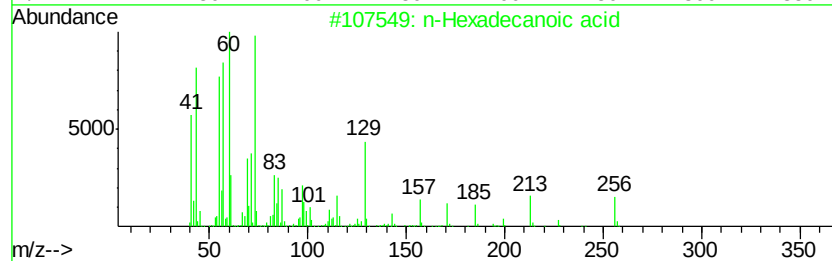
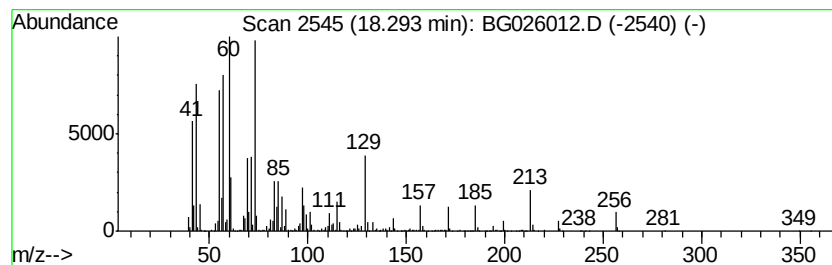
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 n-Hexadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.29	23.64 ng	2291790	Phenanthrene-d10	17.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tridecanoic acid	214	C13H26O2	000638-53-9	94
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5		Dodecanoic acid	200	C12H24O2	000143-07-7	64



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022817\
Data File : BG026012.D
Acq On : 1 Mar 2017 1:04
Operator : SJ/MA
Sample : I2014-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PRESS-WASTE-WATER-CAKE

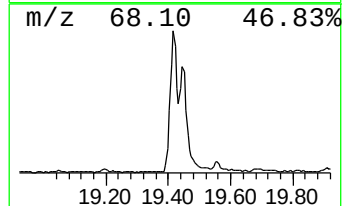
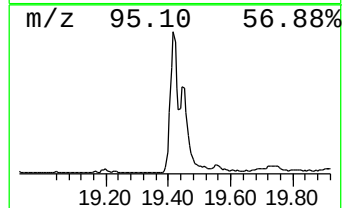
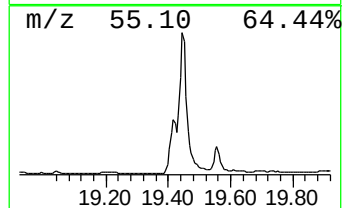
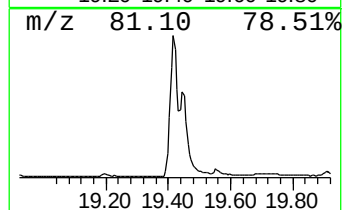
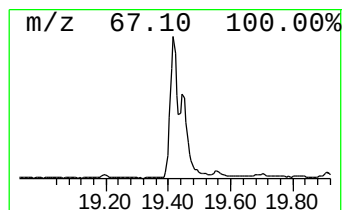
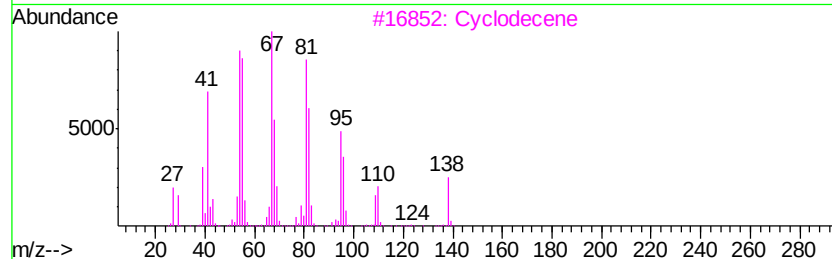
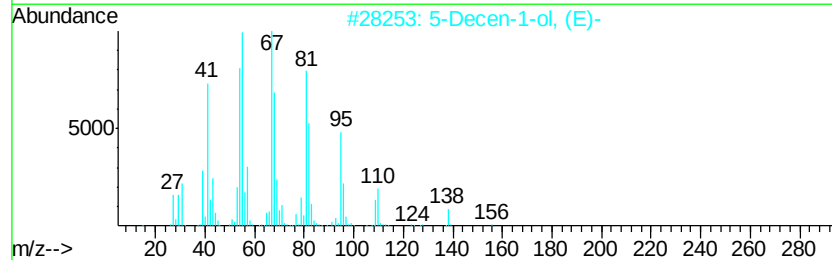
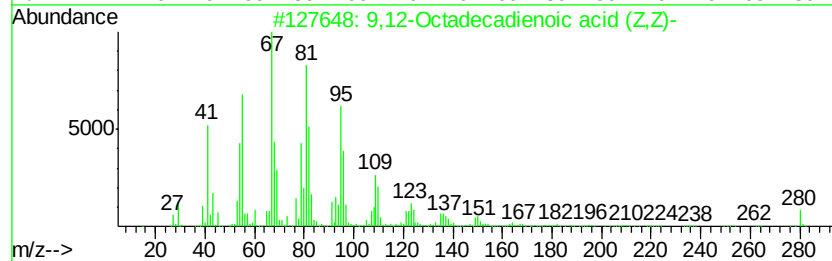
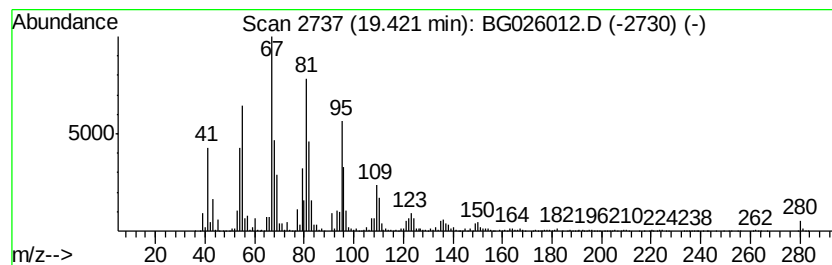
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 9,12-Octadecadienoic acid (... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.42	33.61 ng	3257920	Phenanthrene-d10	17.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	99
2		5-Decen-1-ol, (E)-	156	C10H20O	056578-18-8	90
3		Cyclodecene	138	C10H18	003618-12-0	76
4		9-Nonadecyne	264	C19H36	106073-69-2	72
5		9-Eicosyne	278	C20H38	071899-38-2	72



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022817\
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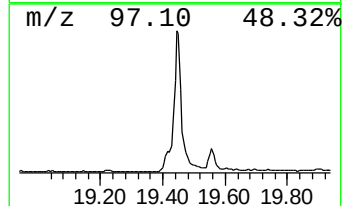
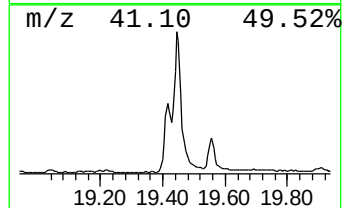
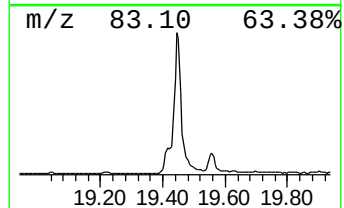
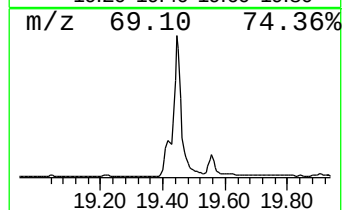
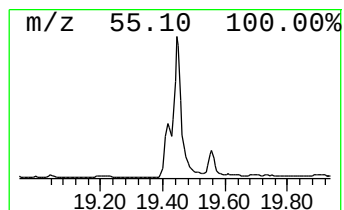
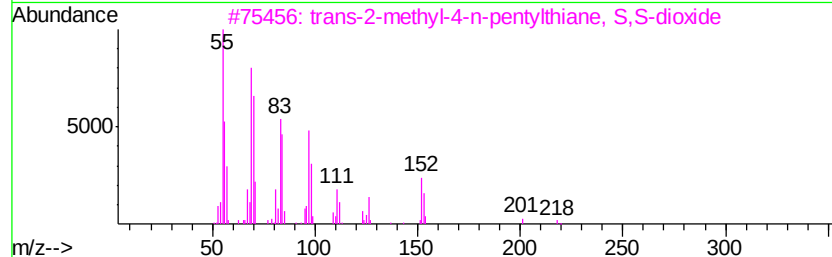
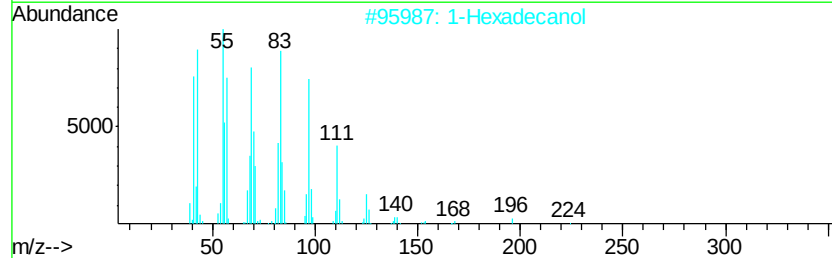
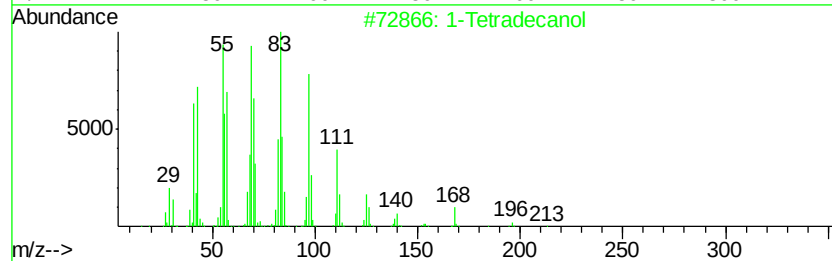
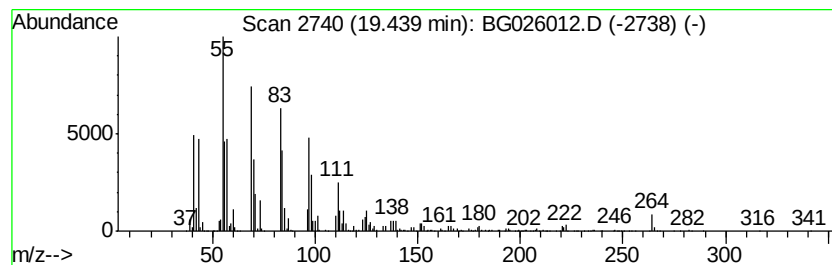
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 1-Tetradecanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.44	74.63 ng	7234760	Phenanthrene-d10	17.41	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tetradecanol	214	C14H30O	000112-72-1	86
2	1-Hexadecanol	242	C16H34O	036653-82-4	80
3	trans-2-methyl-4-n-pentylthiane,...	218	C11H22O2S	1000215-75-3	80
4	Acetic acid, trifluoro-, dodecyl...	282	C14H25F3O2	006222-00-0	78
5	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	74



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022817\
Data File : BG026012.D
Acq On : 1 Mar 2017 1:04
Operator : SJ/MA
Sample : I2014-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PRESS-WASTE-WATER-CAKE

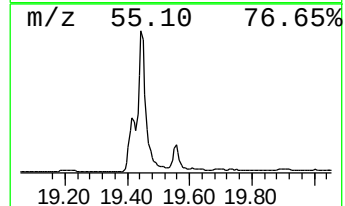
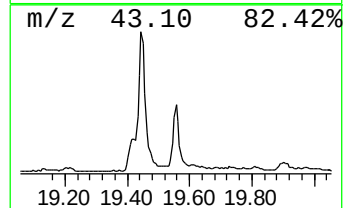
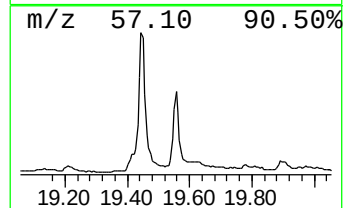
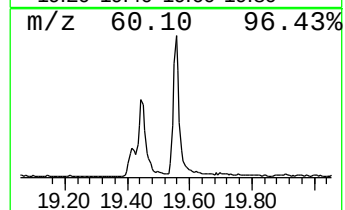
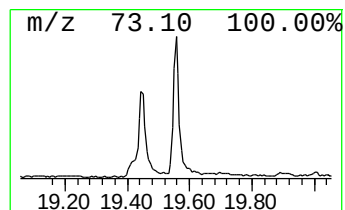
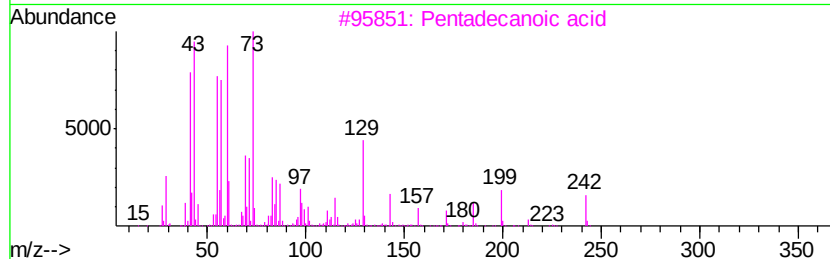
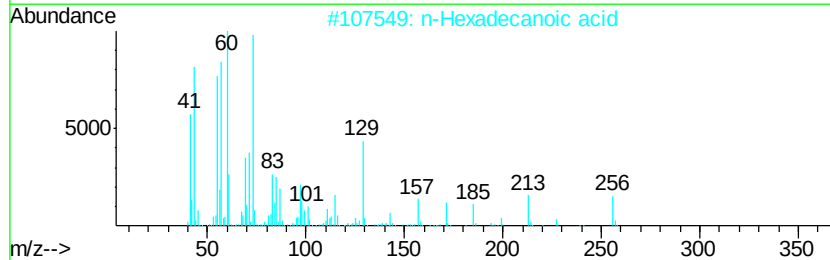
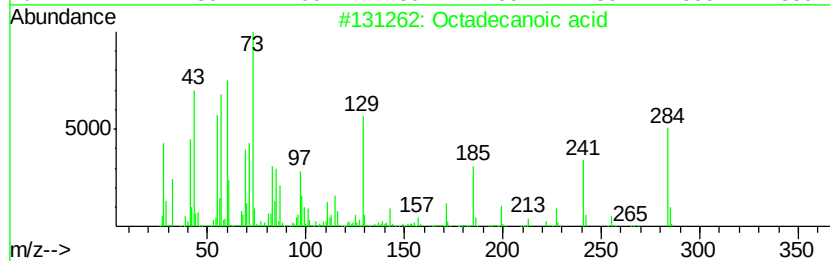
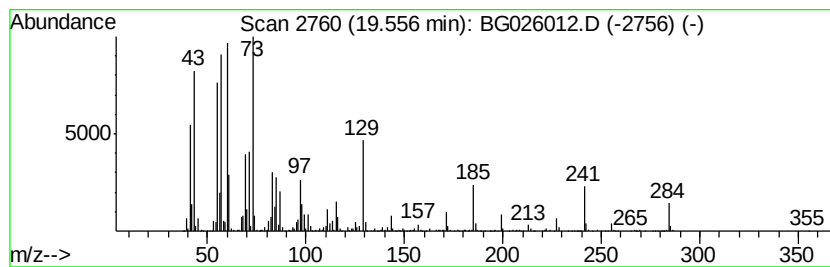
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Octadecanoic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.56	14.92 ng	1667070	Chrysene-d12	21.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5		n-Decanoic acid	172	C10H20O2	000334-48-5	70



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022817\
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 Sample : I2014-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PRESS-WASTE-WATER-CAKE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.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
Propanoic acid, 2...	3.90	12.4	ng	347403	1	8.08	559175	20.0
Butanoic acid	4.30	88.4	ng	2471160	1	8.08	559175	20.0
3-Penten-2-one, 4...	4.59	21.6	ng	604653	1	8.08	559175	20.0
Butanoic acid, 3-...	5.01	39.4	ng	1102100	1	8.08	559175	20.0
Butanoic acid, 2-...	5.14	16.7	ng	467952	1	8.08	559175	20.0
2-Pentanone, 4-hy...	5.18	39.3	ng	1098910	1	8.08	559175	20.0
unknown7.61	7.61	115.9	ng	3239180	1	8.08	559175	20.0
Heptyl isobutyl c...	8.13	10.4	ng	291602	1	8.08	559175	20.0
Heptanoic acid	8.67	14.7	ng	411521	1	8.08	559175	20.0
Octanoic acid	10.26	64.6	ng	2910230	2	10.88	901401	20.0
Ethanol, 2-(2-but...	10.64	23.1	ng	1042560	2	10.88	901401	20.0
Hydrocinnamic acid	12.66	22.6	ng	1019100	2	10.88	901401	20.0
unknown14.87	14.87	21.5	ng	1670990	3	14.68	1556440	20.0
Azelaic acid	15.65	31.3	ng	2435970	3	14.68	1556440	20.0
n-Hexadecanoic acid	18.29	23.6	ng	2291790	4	17.41	1938770	20.0
9,12-Octadecadien...	19.42	33.6	ng	3257920	4	17.41	1938770	20.0
1-Tetradecanol	19.44	74.6	ng	7234760	4	17.41	1938770	20.0
Octadecanoic acid	19.56	14.9	ng	1667070	5	21.65	2233990	20.0