

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022417\
 Data File : BG025959.D
 Acq On : 25 Feb 2017 8:59
 Operator : SJ/MA
 Sample : I1979-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 2AVE-02

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	4.149	122	138	149	rBV	122183	355303	4.39%	0.683%
2	5.177	308	313	323	rVB	173895	255545	3.16%	0.491%
3	5.647	386	393	403	rBV	521172	790372	9.78%	1.519%
4	7.228	656	662	672	rBV	338979	595135	7.36%	1.143%
5	7.610	719	727	734	rBV	909636	1516223	18.75%	2.913%
6	7.839	757	766	779	rBV	682758	1233988	15.26%	2.371%
7	8.080	798	807	813	rBV	279100	479110	5.93%	0.921%
8	8.403	853	862	870	rBV	1050613	1815442	22.45%	3.488%
9	9.237	996	1004	1011	rBV	924921	1646581	20.37%	3.164%
10	10.154	1151	1160	1170	rBV2	89664	231951	2.87%	0.446%
11	10.248	1170	1176	1179	rVV3	42823	85940	1.06%	0.165%
12	10.289	1179	1183	1190	rVV5	45040	95272	1.18%	0.183%
13	10.406	1190	1203	1209	rVV2	205627	591090	7.31%	1.136%
14	10.471	1209	1214	1219	rVV3	74916	138706	1.72%	0.266%
15	10.612	1227	1238	1250	rBV6	192450	823958	10.19%	1.583%
16	10.730	1250	1258	1263	rVV2	282801	753624	9.32%	1.448%
17	10.788	1263	1268	1276	rVV5	141625	435429	5.39%	0.837%
18	10.882	1276	1284	1295	rVB2	887910	1871702	23.15%	3.596%
19	11.129	1310	1326	1336	rBV4	613958	2575434	31.86%	4.948%
20	11.206	1336	1339	1350	rVV2	168247	323466	4.00%	0.621%
21	11.300	1350	1355	1358	rVV3	112099	214503	2.65%	0.412%
22	11.341	1360	1362	1366	rVV2	109454	160319	1.98%	0.308%
23	11.493	1381	1388	1397	rBV7	76759	237396	2.94%	0.456%
24	11.723	1419	1427	1428	rBV4	107815	210242	2.60%	0.404%
25	11.752	1428	1432	1437	rVB	216966	351649	4.35%	0.676%
26	11.811	1438	1442	1446	rBV	61372	82432	1.02%	0.158%
27	11.864	1446	1451	1457	rBV2	129152	215685	2.67%	0.414%
28	12.093	1486	1490	1500	rVB5	50282	116882	1.45%	0.225%
29	12.251	1514	1517	1525	rVB4	44257	97789	1.21%	0.188%
30	13.103	1657	1662	1670	rVB2	74074	133851	1.66%	0.257%
31	13.315	1690	1698	1707	rVB	3115745	4884340	60.41%	9.384%
32	14.126	1831	1836	1843	rVB	143493	207072	2.56%	0.398%
33	14.513	1899	1902	1910	rVB4	47285	101354	1.25%	0.195%
34	14.684	1925	1931	1947	rVV2	832050	1459998	18.06%	2.805%

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

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

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.001	1982	1985	1990	rVB	63872	84448	1.04%	0.162%
36	15.871	2129	2133	2138	rVB	65793	90451	1.12%	0.174%
37	16.159	2175	2182	2190	rBV	2025122	3023787	37.40%	5.810%
38	16.347	2207	2214	2217	rBV3	60288	111627	1.38%	0.214%
39	16.964	2314	2319	2331	rBV	144021	241612	2.99%	0.464%
40	17.281	2368	2373	2378	rBV	275224	333511	4.13%	0.641%
41	17.410	2389	2395	2408	rBV2	1180428	1845181	22.82%	3.545%
42	17.704	2439	2445	2452	rVB3	45496	105619	1.31%	0.203%
43	18.291	2540	2545	2553	rBV	246925	383654	4.75%	0.737%
44	18.362	2554	2557	2561	rVB	72524	85685	1.06%	0.165%
45	18.920	2648	2652	2661	rBV	238666	316742	3.92%	0.609%
46	19.126	2682	2687	2693	rBV	619781	729086	9.02%	1.401%
47	19.555	2756	2760	2775	rBV	230100	349098	4.32%	0.671%
48	20.007	2831	2837	2843	rBV	5811069	8084815	100.00%	15.534%
49	20.459	2910	2914	2920	rBV	374589	471778	5.84%	0.906%
50	20.589	2932	2936	2944	rBV	1075649	1160144	14.35%	2.229%
51	21.300	3053	3057	3070	rVB2	119027	204843	2.53%	0.394%
52	21.658	3112	3118	3125	rBV	1276358	2029872	25.11%	3.900%
53	21.887	3152	3157	3164	rBV	285920	465059	5.75%	0.894%
54	21.999	3170	3176	3184	rVB	1019526	1436697	17.77%	2.760%
55	23.773	3473	3478	3489	rBV2	130900	301510	3.73%	0.579%
56	23.897	3491	3499	3509	rBV	693319	1426006	17.64%	2.740%
57	24.866	3653	3664	3675	rVB2	717765	2035962	25.18%	3.912%
58	26.817	3984	3996	4008	rVB2	328104	1088790	13.47%	2.092%
59	31.552	4795	4802	4819	rVB4	124842	553580	6.85%	1.064%

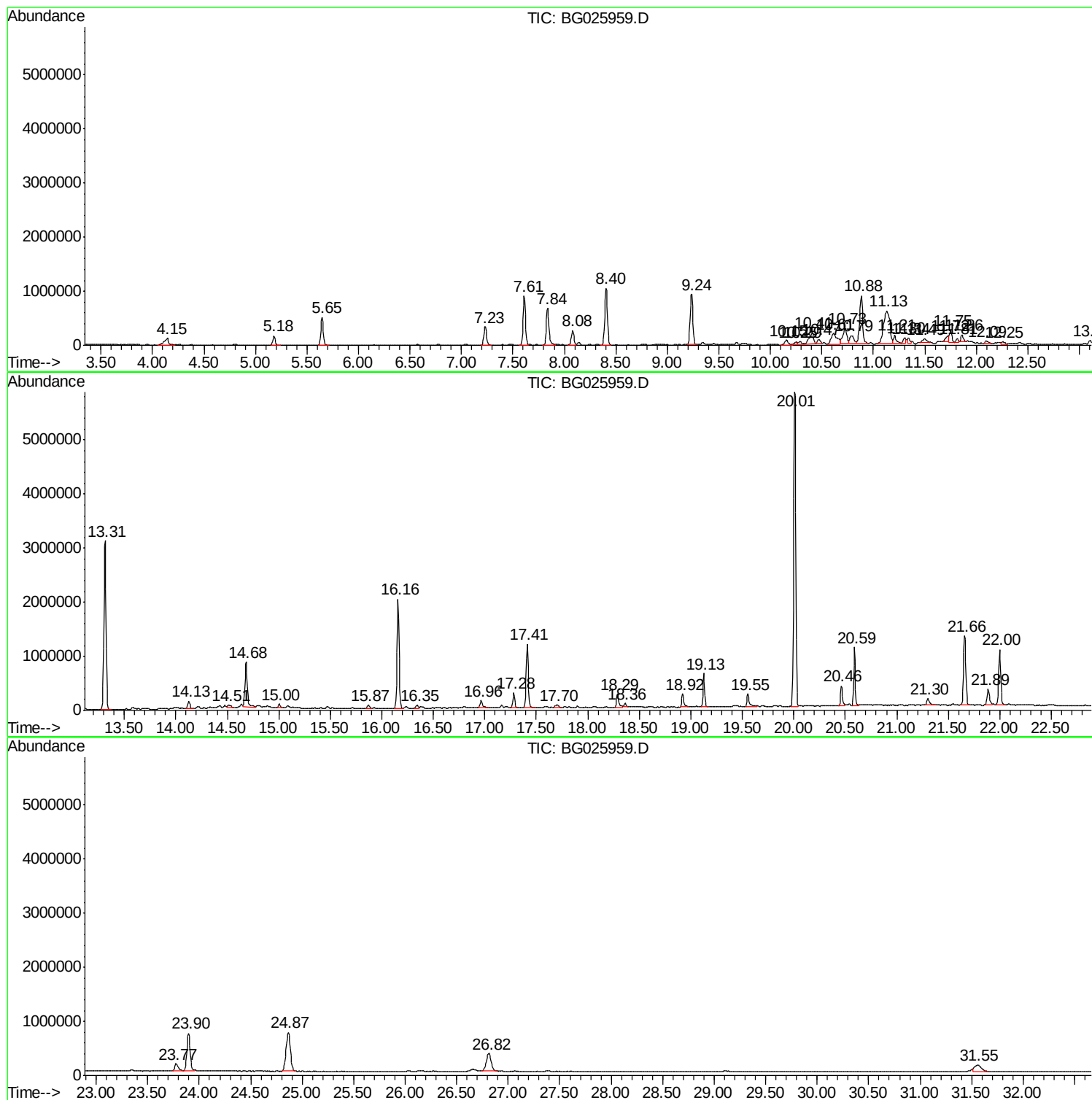
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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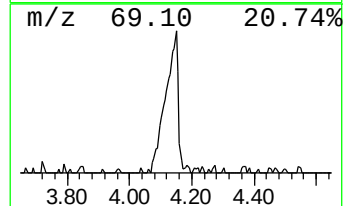
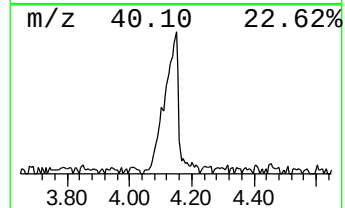
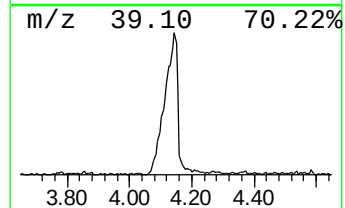
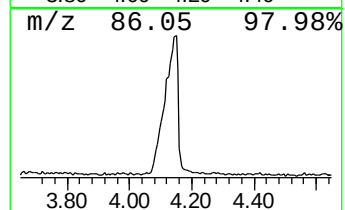
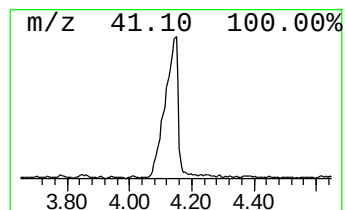
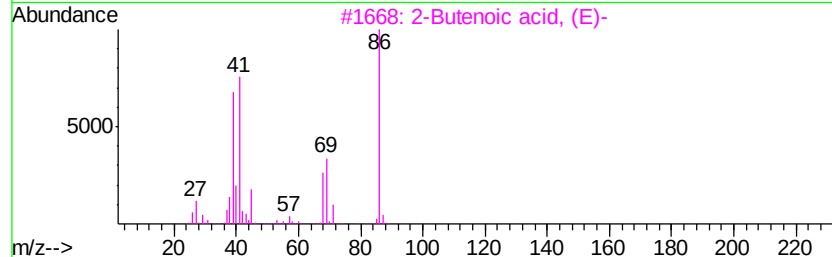
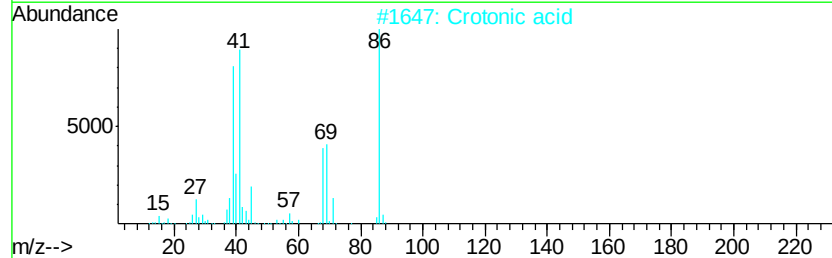
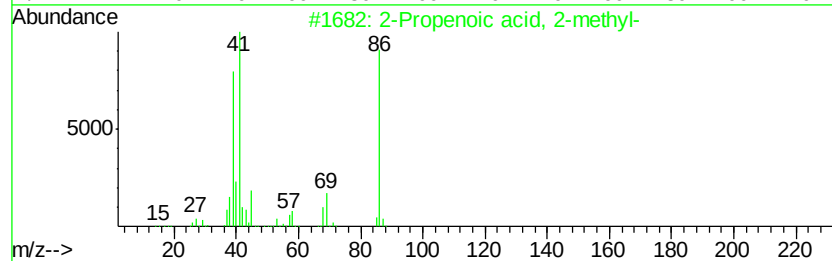
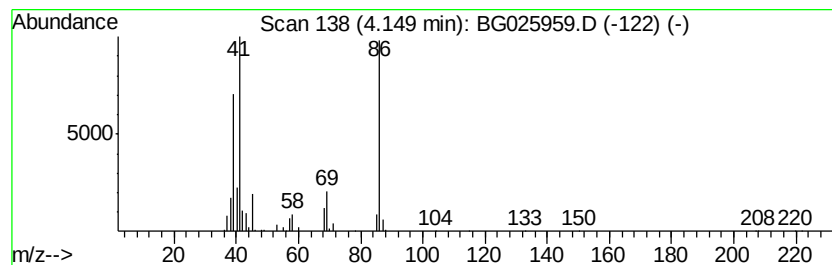
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Propenoic acid, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.15	14.83 ng	355303	1,4-Dichlorobenzene-d4	8.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Propenoic acid, 2-methyl-	86	C4H6O2	000079-41-4	96
2		Crotonic acid	86	C4H6O2	003724-65-0	81
3		2-Butenoic acid, (E)-	86	C4H6O2	000107-93-7	74
4		Isocrotonic acid	86	C4H6O2	000503-64-0	68
5		Nicametate	222	C12H18N2O2	003099-52-3	53



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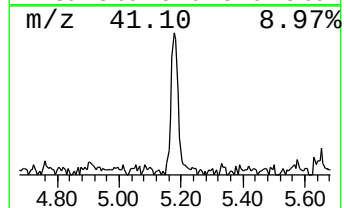
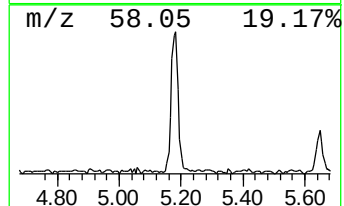
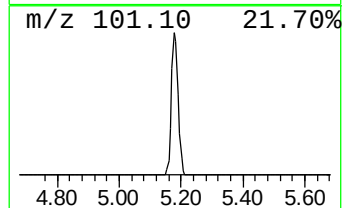
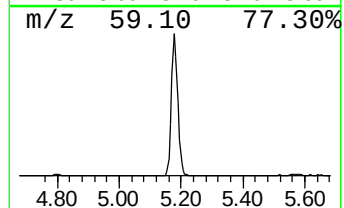
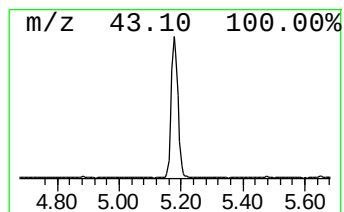
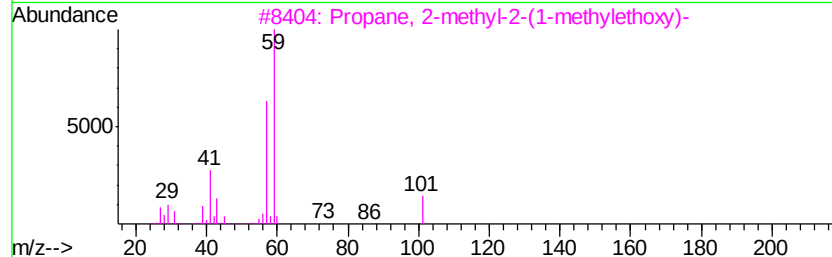
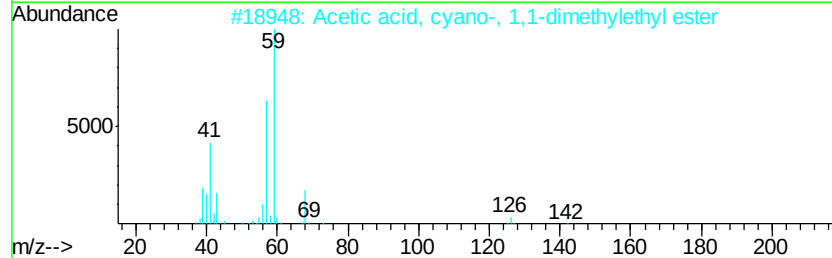
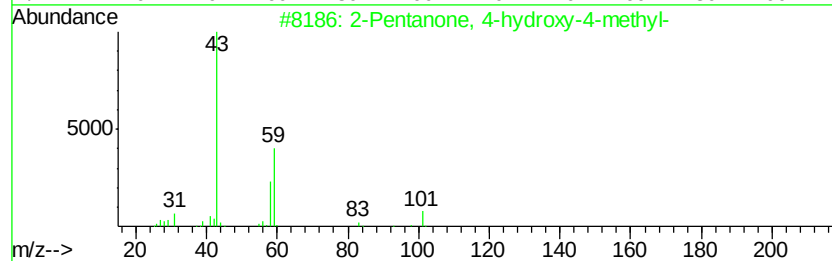
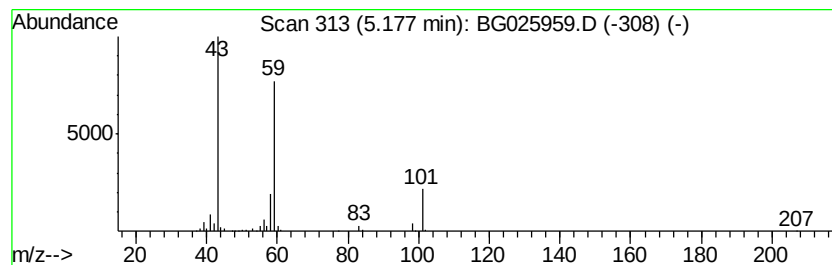
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	10.67 ng	255545	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	64
2		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	37
3		Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
4		2-Butanol, 1-methoxy-	104	C5H12O2	053778-73-7	33
5		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33



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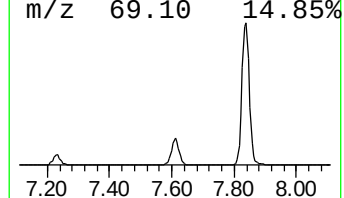
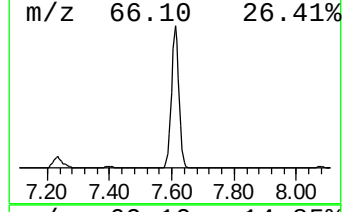
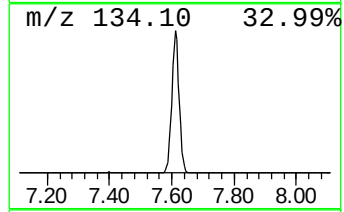
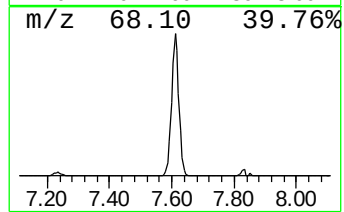
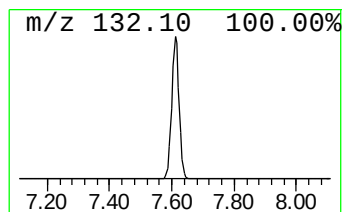
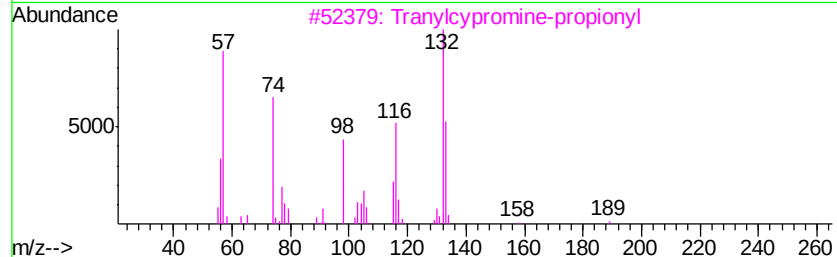
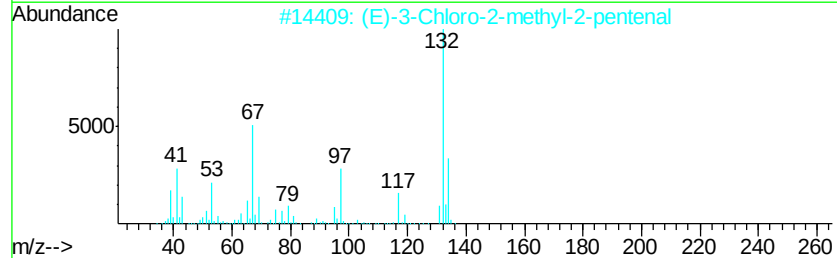
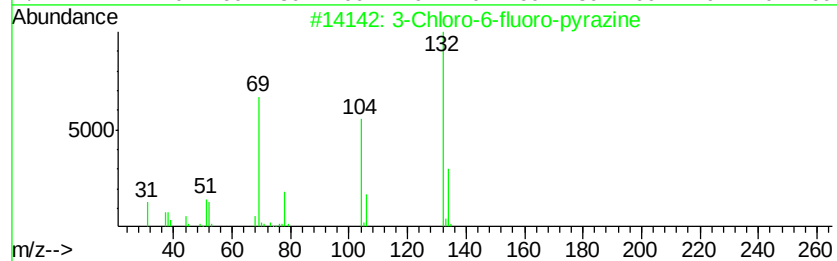
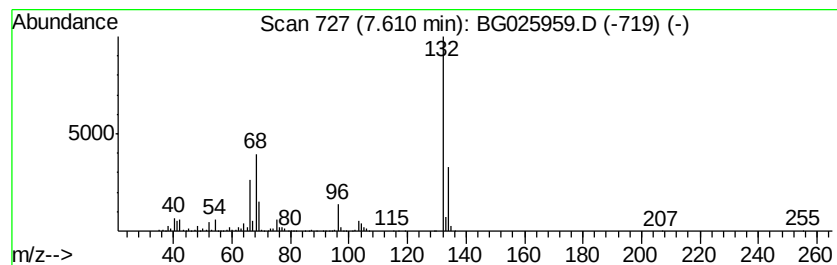
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown7.61 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	63.29 ng	1516220	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	17
3		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4		Xenon	132	Xe	007440-63-3	9
5		3H-1,2-Dithiol-3-one, 5-methyl-	132	C4H4OS2	003620-08-4	9



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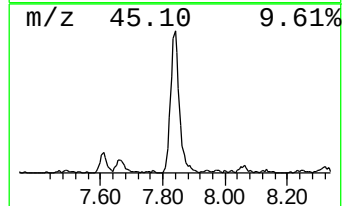
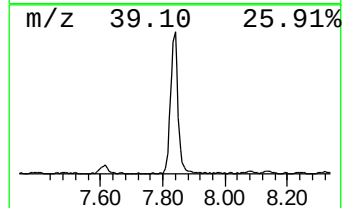
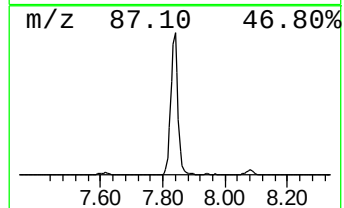
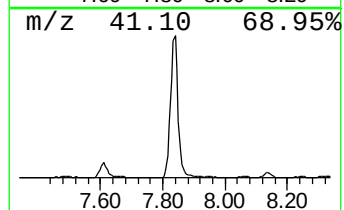
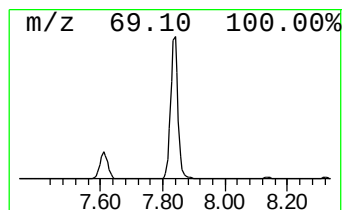
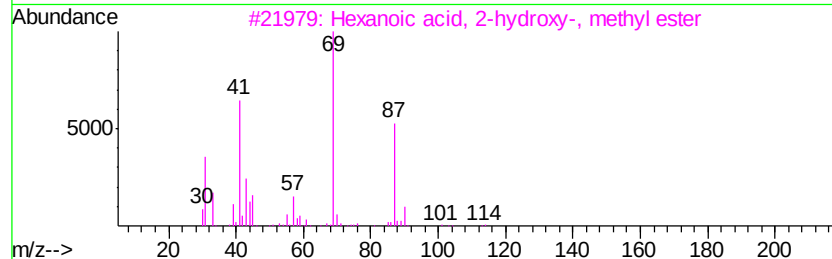
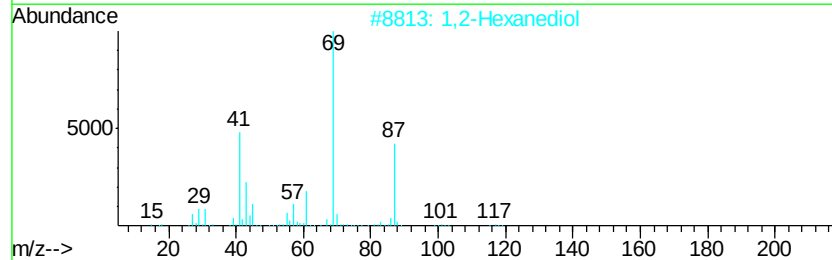
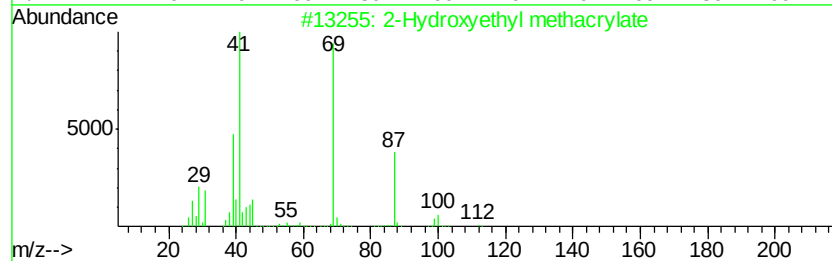
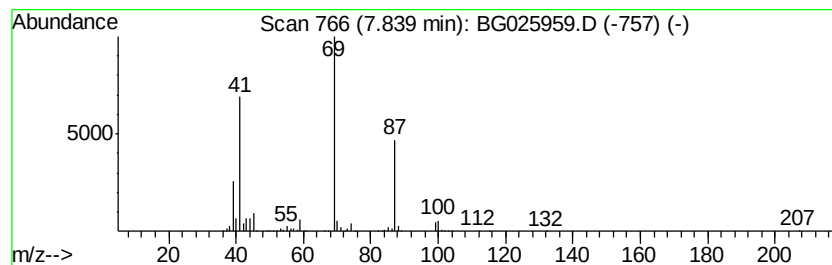
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 2-Hydroxyethyl methacrylate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.84	51.51 ng	1233990	1,4-Dichlorobenzene-d4	8.08

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Hydroxyethyl methacrylate	130	C6H10O3	000868-77-9	78
2		1,2-Hexanediol	118	C6H14O2	006920-22-5	72
3		Hexanoic acid, 2-hydroxy-, methyl...	146	C7H14O3	068756-64-9	64
4		5-Nonanol	144	C9H20O	000623-93-8	56
5		4-Octanol, 2-methyl-	144	C9H20O	040575-41-5	56



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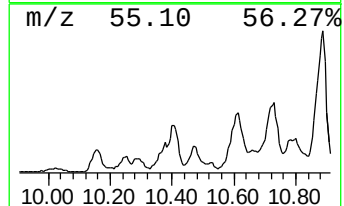
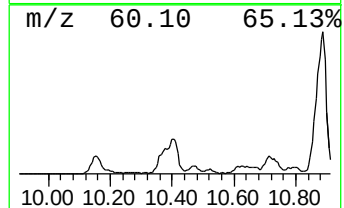
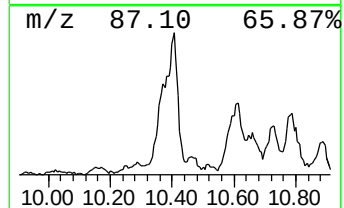
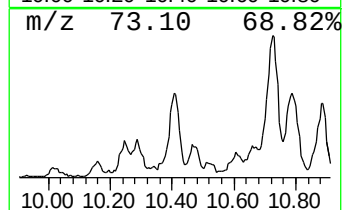
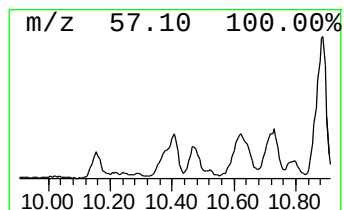
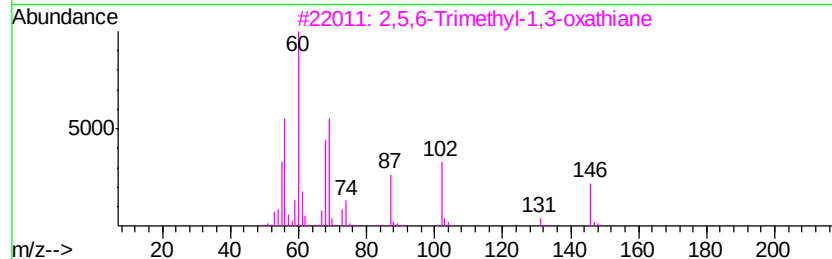
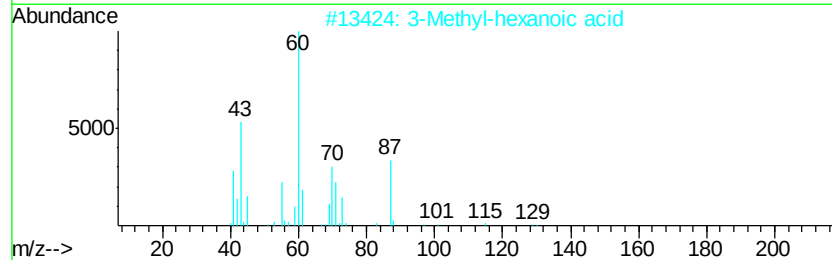
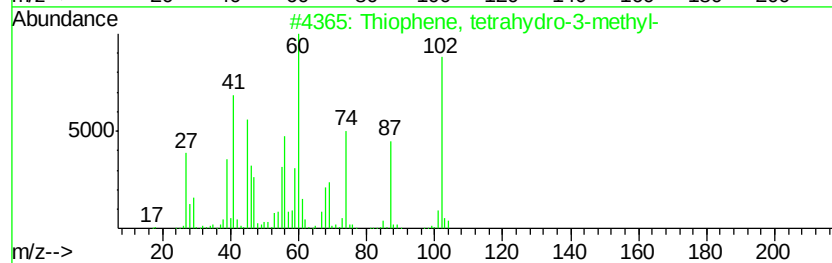
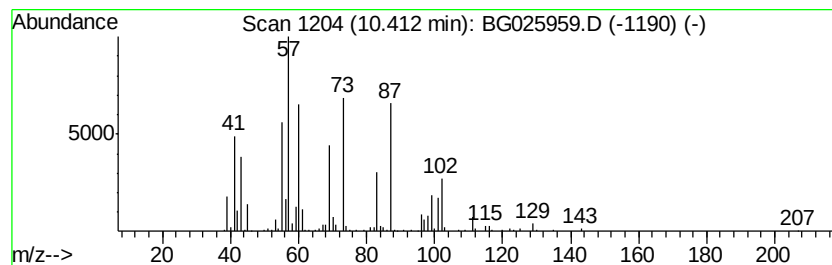
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BNA_G
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown10.41 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.41	6.32 ng	591090	Napthalene-d8	10.88	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, tetrahydro-3-methyl-	102	C5H10S	004740-00-5	38
2	3-Methyl-hexanoic acid	130	C7H14O2	1000365-65-4	37
3	2,5,6-Trimethyl-1,3-oxathiane	146	C7H14OS	114376-06-6	32
4	Octanoic acid	144	C8H16O2	000124-07-2	27
5	Propane, 1-(ethenylthio)-	102	C5H10S	016330-21-5	25



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022417\
Data File : BG025959.D
Acq On : 25 Feb 2017 8:59
Operator : SJ/MA
Sample : I1979-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

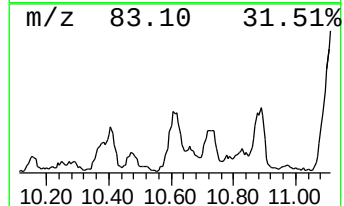
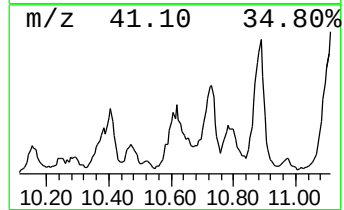
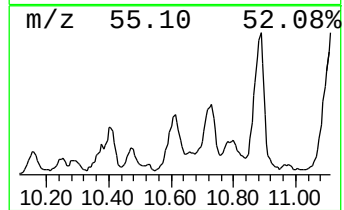
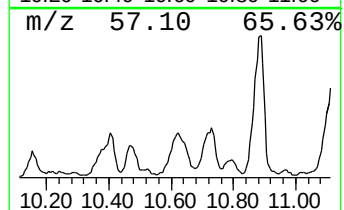
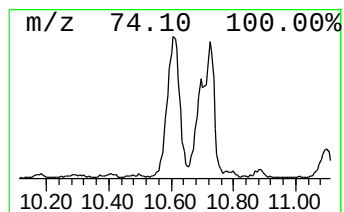
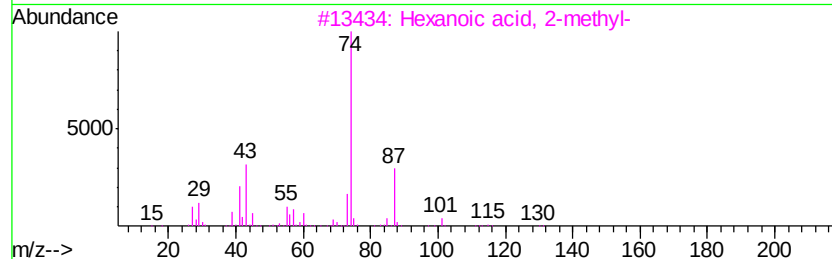
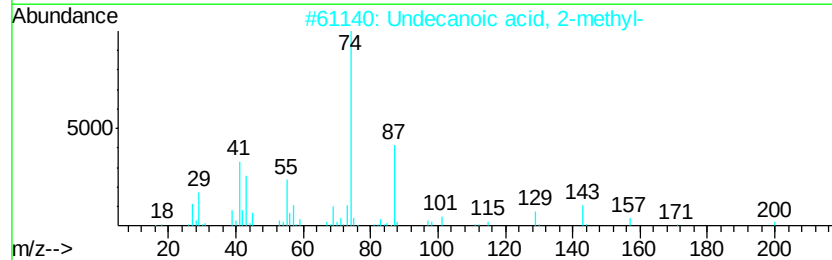
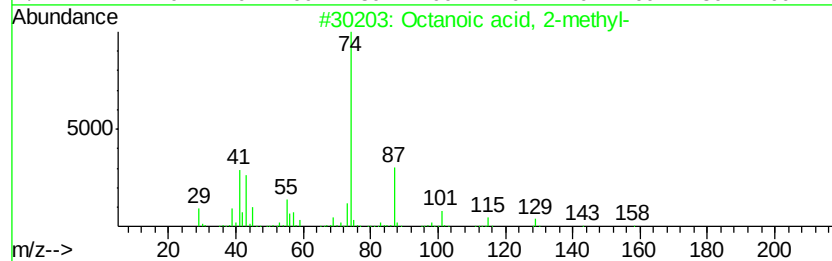
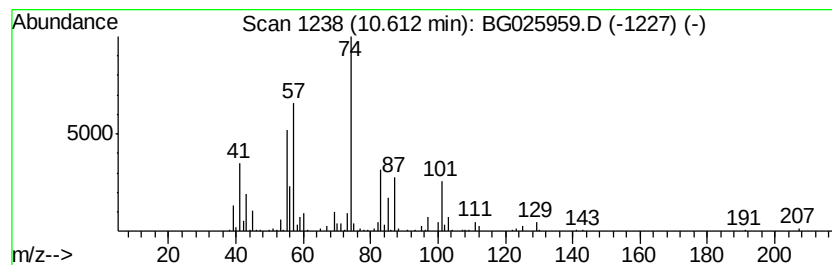
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown10.61 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.61	8.80 ng	823958	Napthalene-d8	10.88
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Octanoic acid, 2-methyl-	158 C9H18O2	003004-93-1 47
2		Undecanoic acid, 2-methyl-	200 C12H24O2	024323-25-9 43
3		Hexanoic acid, 2-methyl-	130 C7H14O2	004536-23-6 38
4		Pentanoic acid, 3-hydroxy-2-meth...	174 C9H18O3	1000151-17-3 38
5		1,2,3,4-Undecanetetrol, [2R-(2R*...	220 C11H24O4	137036-71-6 38



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022417\
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Sample : I1979-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

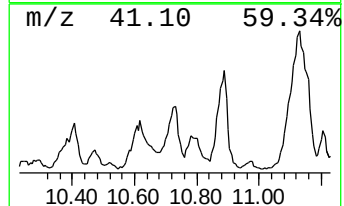
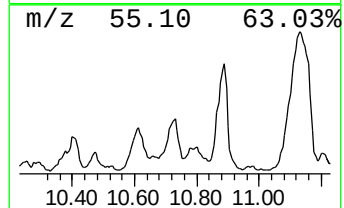
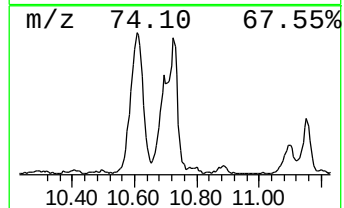
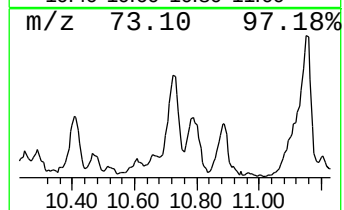
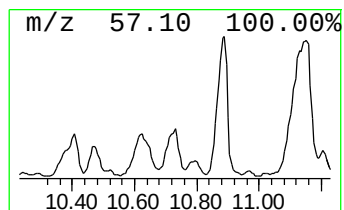
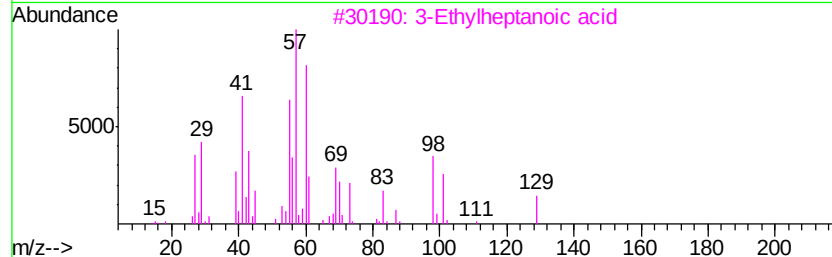
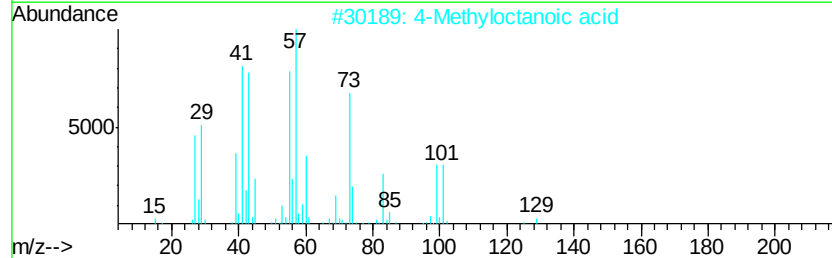
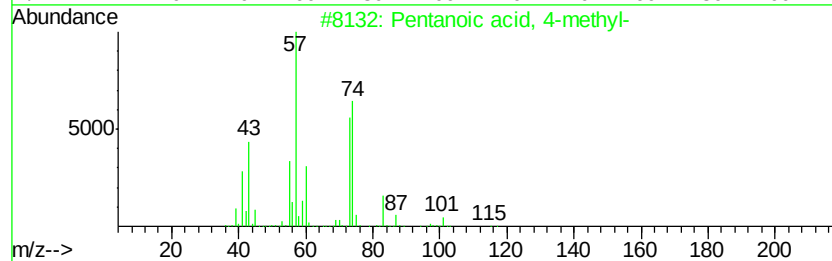
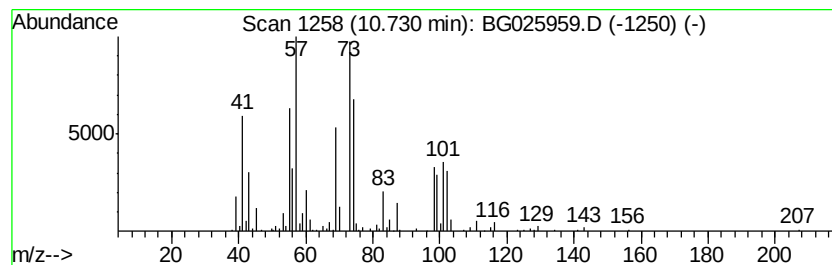
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown10.73 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.73	8.05 ng	753624	Napthalene-d8	10.88	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanoic acid, 4-methyl-	116	C6H12O2	000646-07-1	47
2	4-Methyloctanoic acid	158	C9H18O2	054947-74-9	37
3	3-Ethylheptanoic acid	158	C9H18O2	014272-47-0	32
4	Formic acid, 2,4-dimethylpent-3-...	144	C8H16O2	1000368-26-1	22
5	Formic acid, 2-methylhex-3-yl ester	144	C8H16O2	1000368-35-0	16



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022417\
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Sample : I1979-01
Misc :
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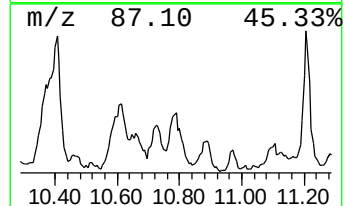
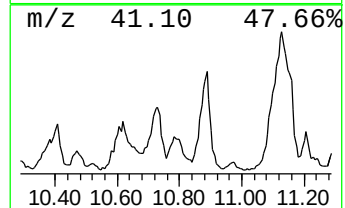
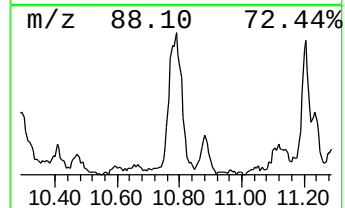
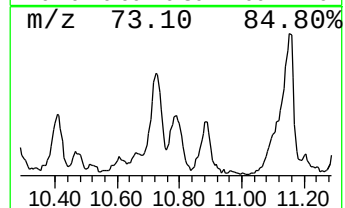
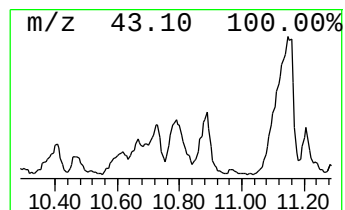
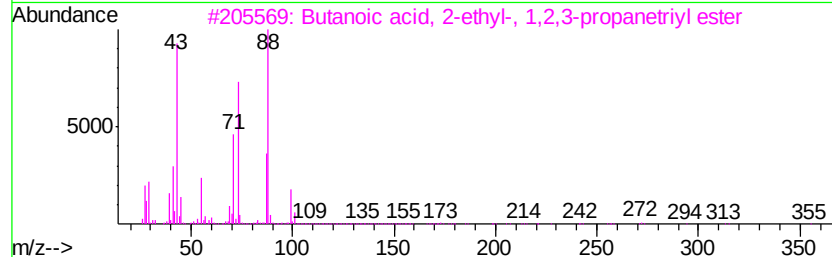
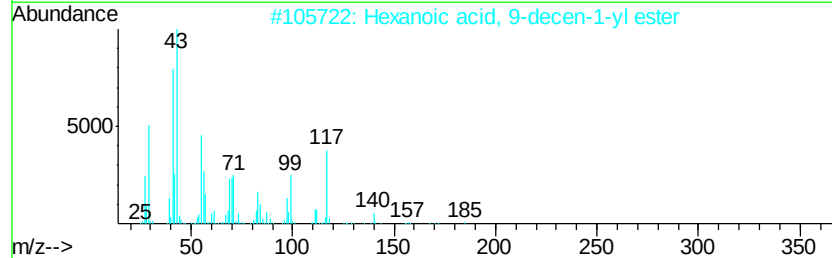
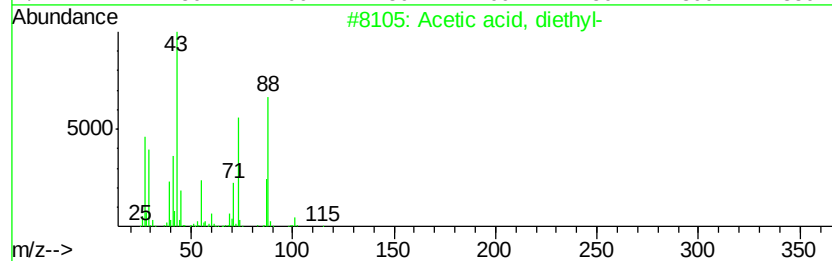
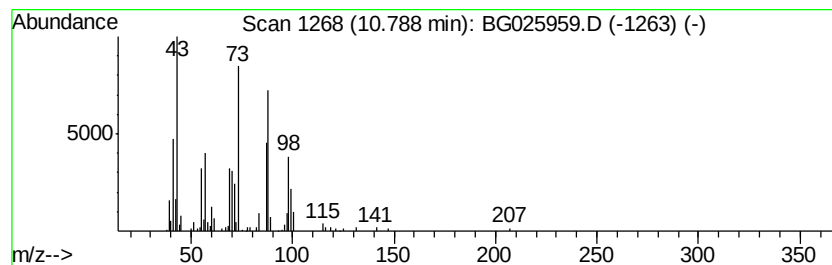
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown10.79 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.79	4.65 ng	435429	Napthalene-d8	10.88
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Acetic acid, diethyl-	116 C6H12O2	000088-09-5 38
2		Hexanoic acid, 9-decen-1-yl ester	254 C16H30O2	180252-09-9 27
3		Butanoic acid, 2-ethyl-, 1,2,3-p...	386 C21H38O6	056554-54-2 27
4		Hydroxypivalic acid	118 C5H10O3	004835-90-9 27
5		Methyl (R)-(-)-3-hydroxy-2-methy...	118 C5H10O3	072657-23-9 16



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022417\
Data File : BG025959.D
Acq On : 25 Feb 2017 8:59
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Sample : I1979-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

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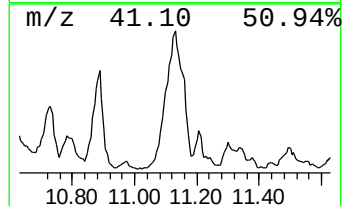
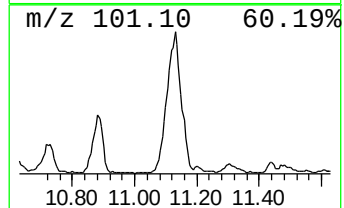
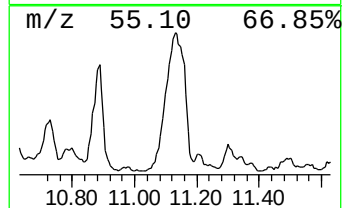
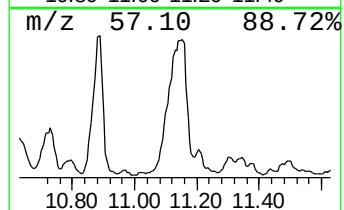
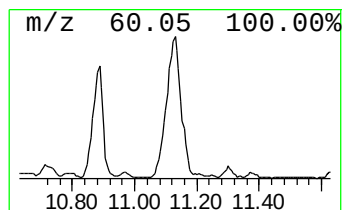
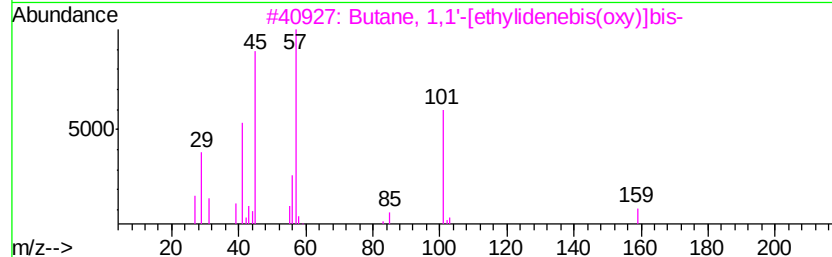
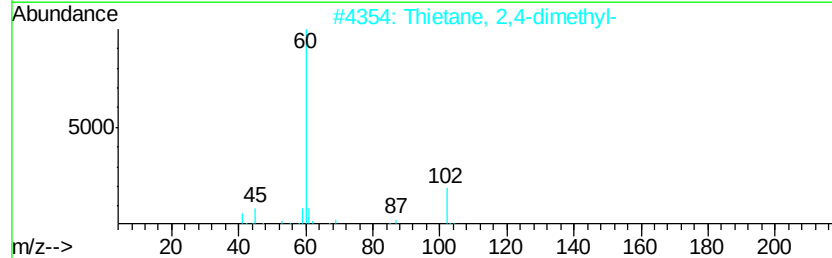
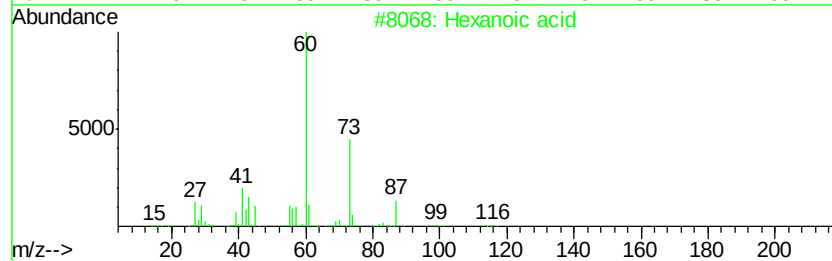
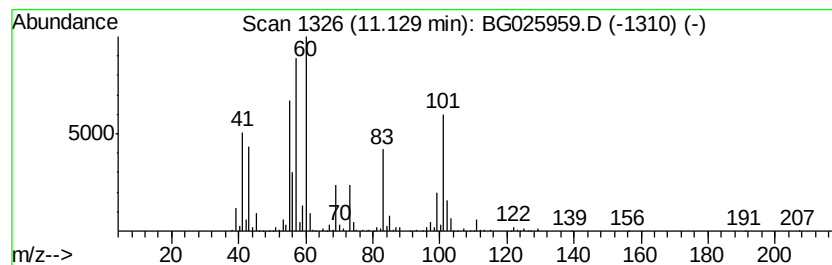
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown11.13 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.13	27.52 ng	2575430	Naphthalene-d8	10.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexanoic acid	116	C6H12O2	000142-62-1	35
2		Thietane, 2,4-dimethyl-	102	C5H10S	043044-24-2	27
3		Butane, 1,1'-[ethylidenebis(oxy)...]	174	C10H22O2	000871-22-7	22
4		Cyclobutanecarboxylic acid, hexy...	184	C11H20O2	1000280-40-3	16
5		Butanoic acid	88	C4H8O2	000107-92-6	12



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022417\
Data File : BG025959.D
Acq On : 25 Feb 2017 8:59
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Sample : I1979-01
Misc :
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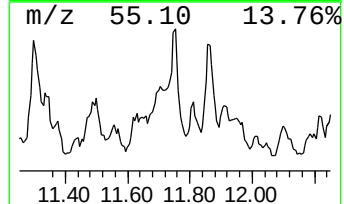
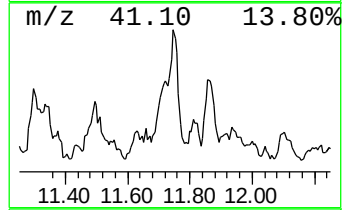
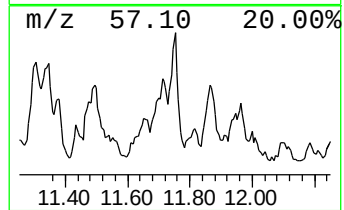
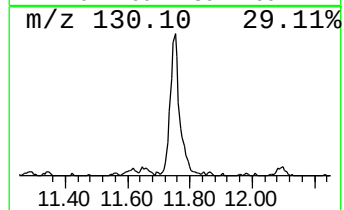
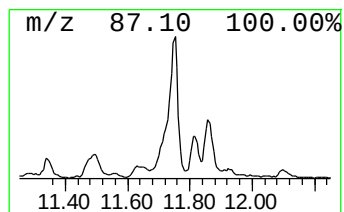
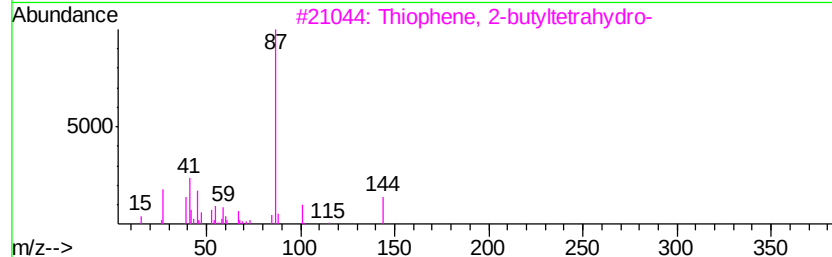
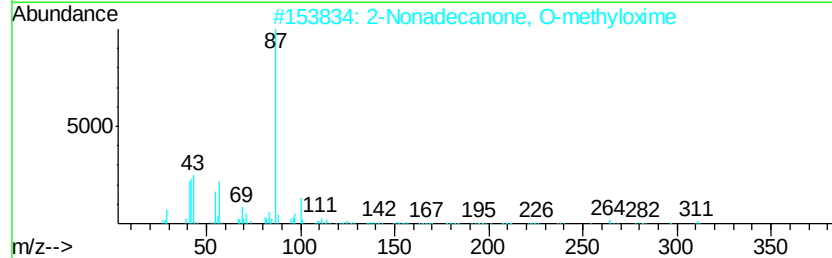
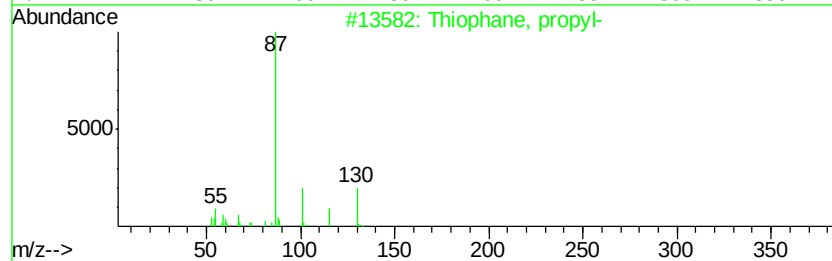
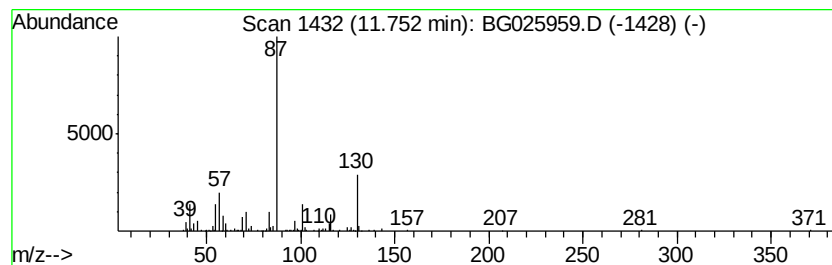
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Thiophane, propyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	3.76 ng	351649	Napthalene-d8	10.88
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Thiophane, propyl-	130 C7H14S	001551-34-4 53
2		2-Nonadecanone, O-methyloxime	311 C20H41NO	036379-39-2 42
3		Thiophene, 2-butyltetrahydro-	144 C8H16S	001613-49-6 33
4		Hexanoic acid, 2-butyl-, methyl ...	186 C11H22O2	024551-95-9 12
5		Urea, 1-butyl-3-methyl-	130 C6H14N2O	006135-36-0 9



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022417\
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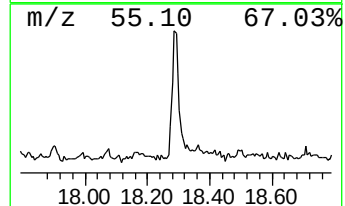
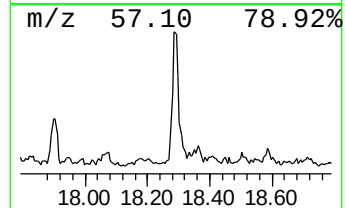
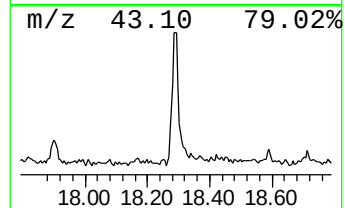
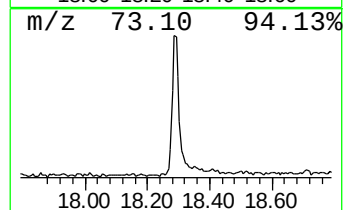
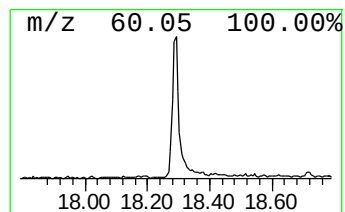
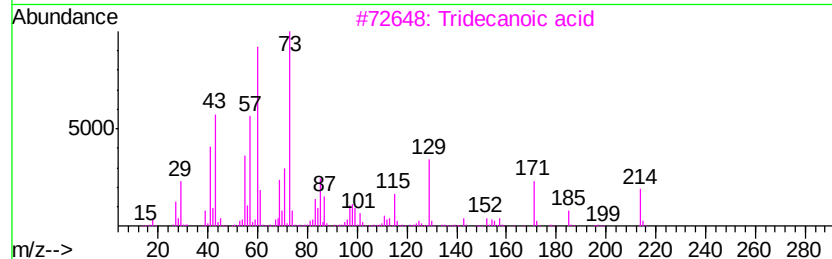
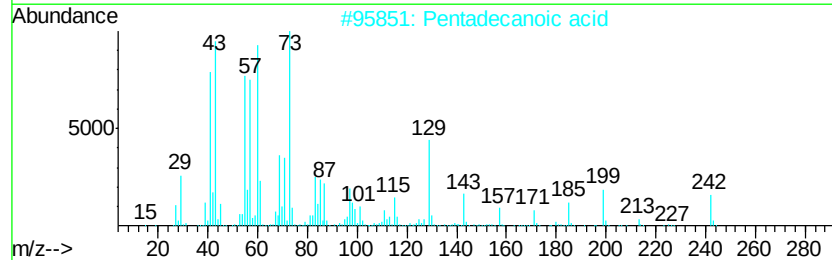
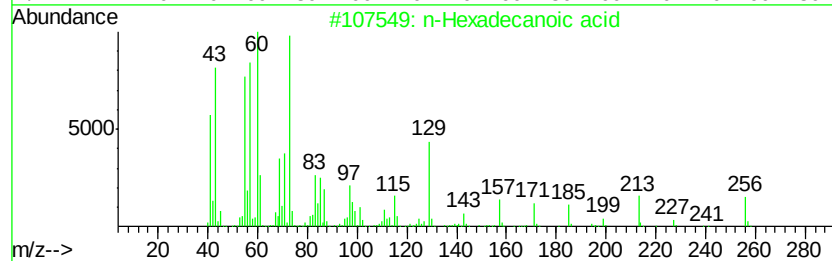
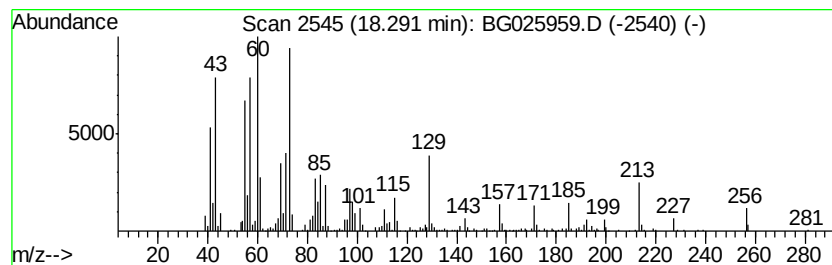
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 n-Hexadecanoic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.29	4.16 ng	383654	Phenanthrene-d10	17.41	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	72
4	n-Decanoic acid	172	C10H20O2	000334-48-5	64
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	58



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Instrument :
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ClientSampleId :
2AVE-02

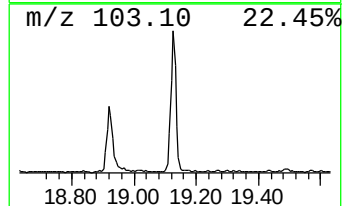
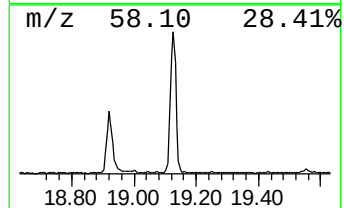
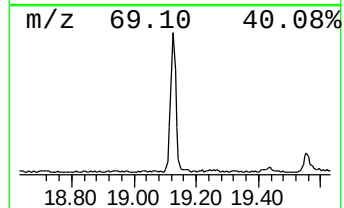
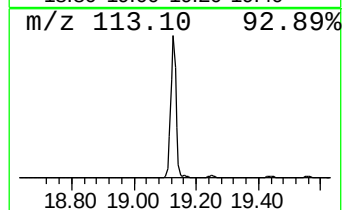
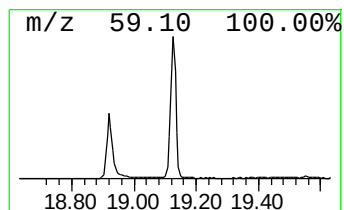
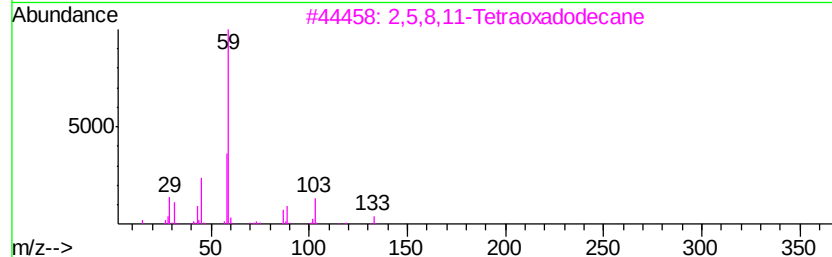
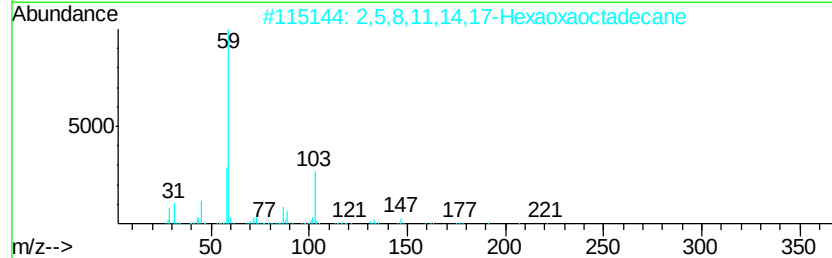
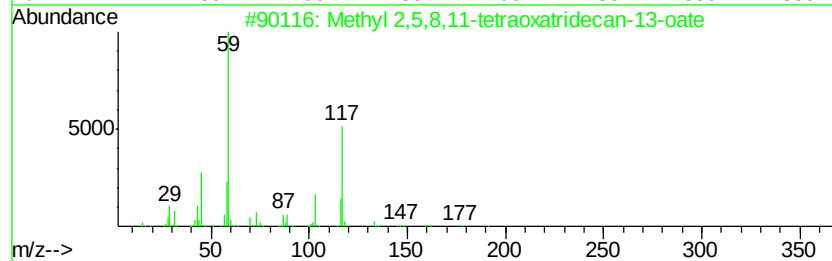
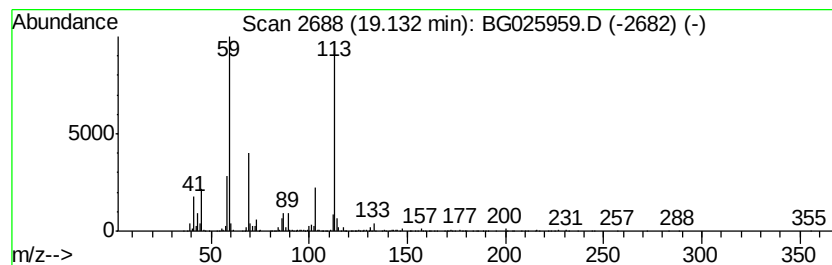
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown19.13 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.13	7.90 ng	729086	Phenanthrene-d10	17.41

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methyl 2,5,8,11-tetraoxatridecan...	236	C10H20O6	1000366-78-2	49
2			2,5,8,11,14,17-Hexaoxaoctadecane	266	C12H26O6	001191-87-3	49
3			2,5,8,11-Tetraoxadodecane	178	C8H18O4	000112-49-2	47
4			Tetraglyme	222	C10H22O5	000143-24-8	47
5			Hexaethylene glycol dimethyl ether	310	C14H30O7	001072-40-8	46



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022417\
Data File : BG025959.D
Acq On : 25 Feb 2017 8:59
Operator : SJ/MA
Sample : I1979-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
2AVE-02

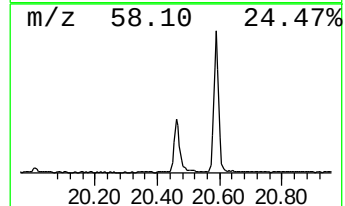
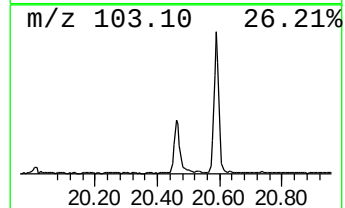
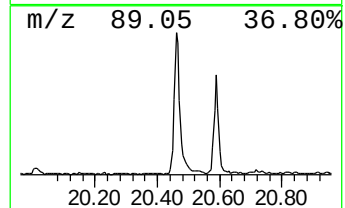
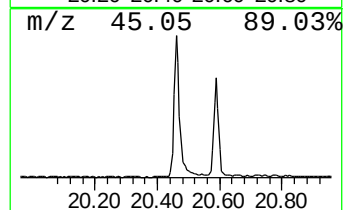
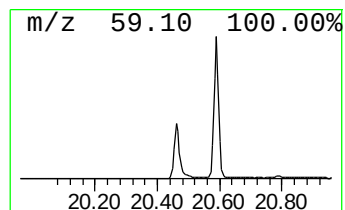
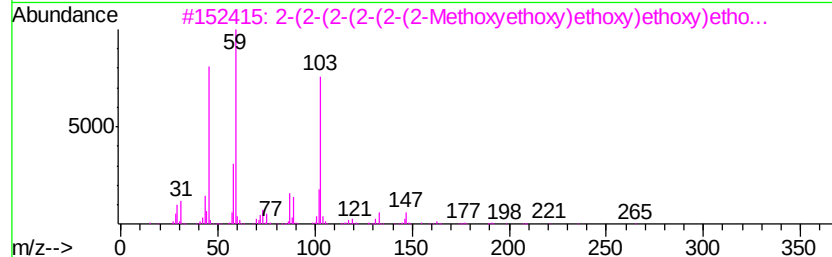
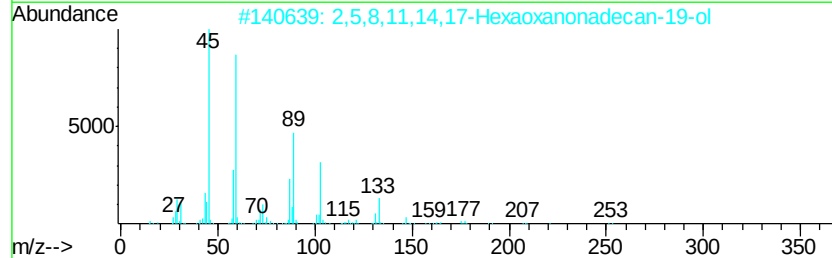
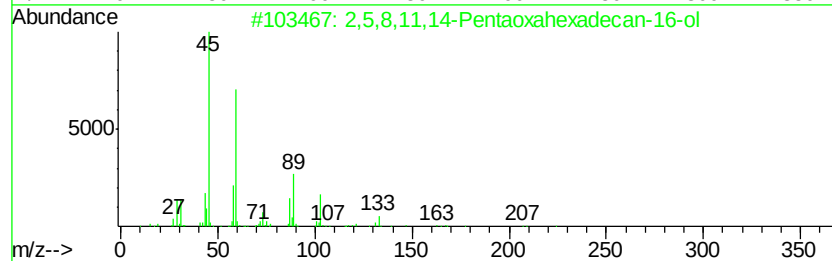
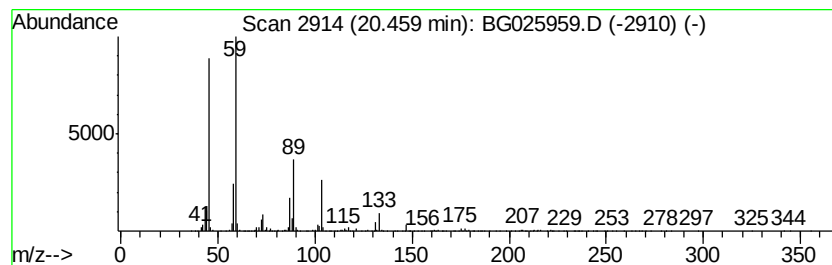
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 2,5,8,11,14-Pentaoxahehexadec... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.46	4.65 ng	471778	Chrysene-d12	21.66

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5,8,11,14-Pentaoxahehexadecan-16-ol	252	C11H24O6	023778-52-1	91		
2	2,5,8,11,14,17-Hexaoxanonadecan-...	296	C13H28O7	023601-40-3	87		
3	2-(2-(2-(2-(2-(2-Methoxyethoxy)ethoxy)ethoxy)ethoxy)ethoxy)ethoxy)ethoxy...	310	C13H26O8	1000366-93-3	72		
4	2-[2-[2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy)ethoxy)ethoxy)ethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy...	428	C19H40O10	1000352-04-3	68		
5	2-[2-[2-[2-[2-[2-[2-(2-Methoxyethoxy)ethoxy)ethoxy)ethoxy)ethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy...	472	C21H44O11	1000352-11-2	59		



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022417\
Data File : BG025959.D
Acq On : 25 Feb 2017 8:59
Operator : SJ/MA
Sample : I1979-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
2AVE-02

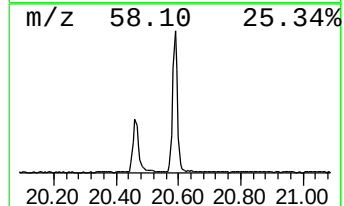
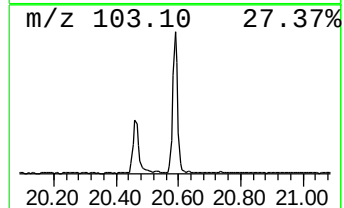
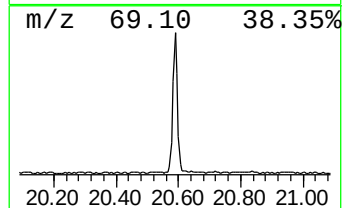
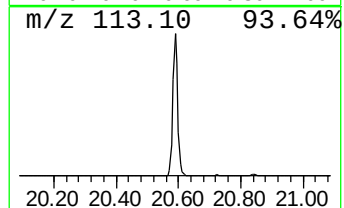
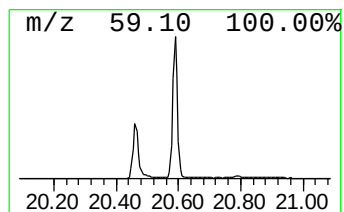
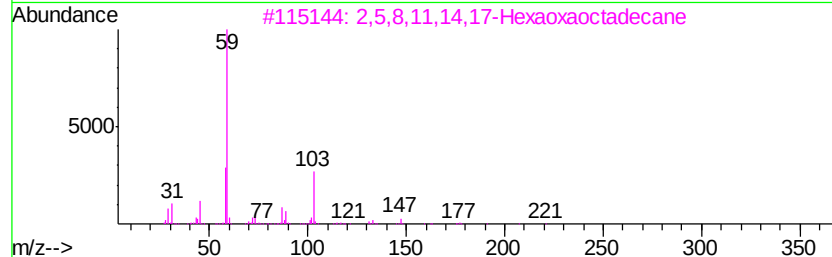
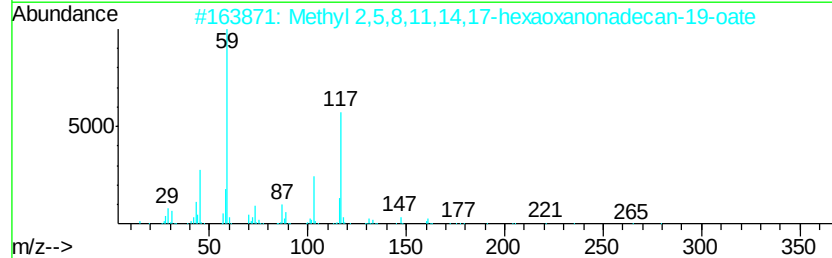
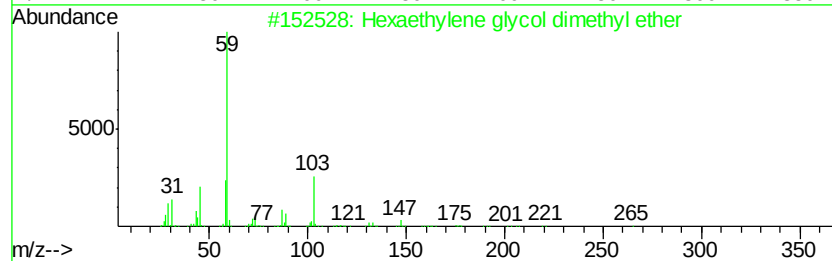
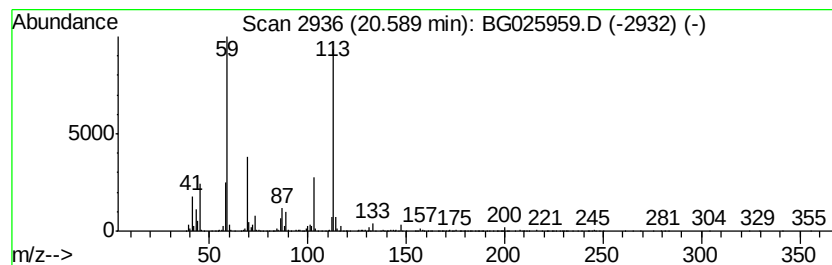
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Hexaethylene glycol dimethy... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.59	11.43 ng	1160140	Chrysene-d12	21.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexaethylene glycol dimethyl ether	310	C14H30O7	001072-40-8	58
2		Methyl 2,5,8,11,14,17-hexaoxonon...	324	C14H28O8	1000366-81-4	49
3		2,5,8,11,14,17-Hexaoxaoctadecane	266	C12H26O6	001191-87-3	46
4		2,5,8,11-Tetraoxadodecane	178	C8H18O4	000112-49-2	43
5		Methyl 2,5,8,11-tetraoxatridecan...	236	C10H20O6	1000366-78-2	43



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022417\
Data File : BG025959.D
Acq On : 25 Feb 2017 8:59
Operator : SJ/MA
Sample : I1979-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
2AVE-02

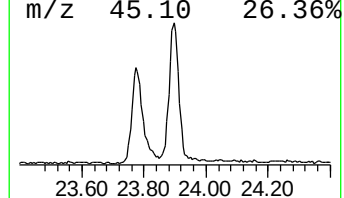
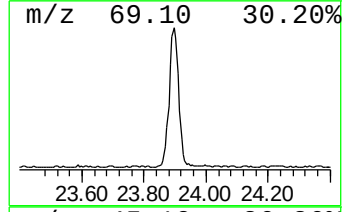
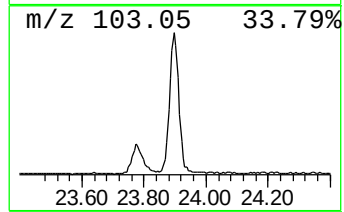
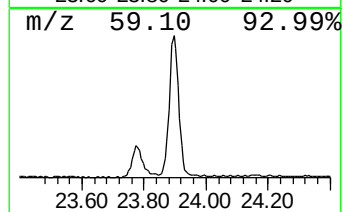
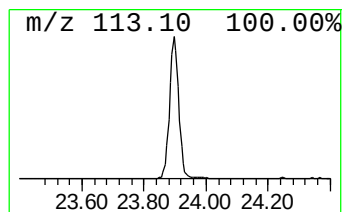
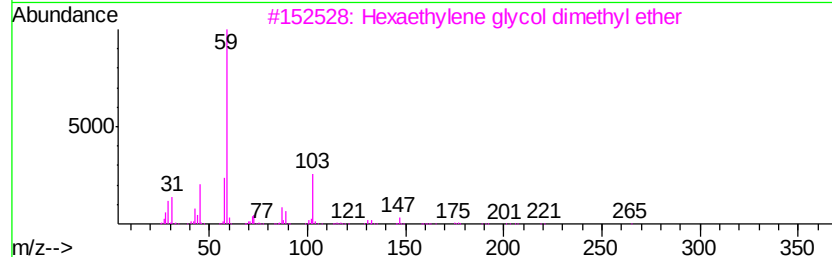
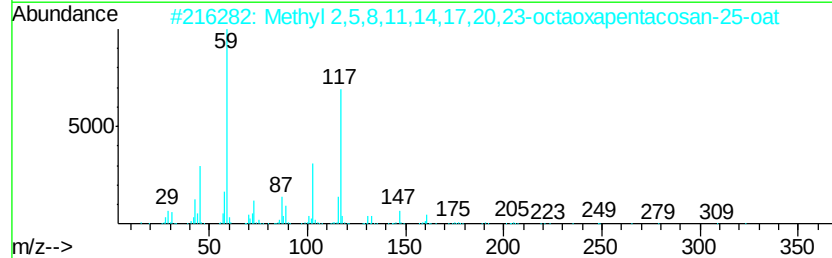
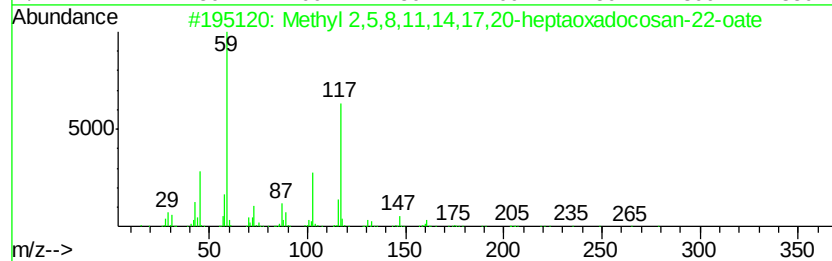
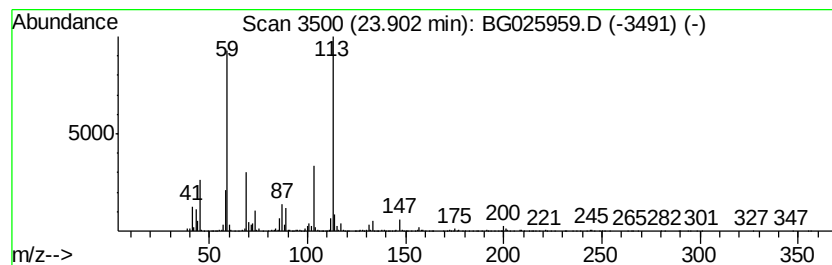
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Methyl 2,5,8,11,14,17,20-he... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.90	14.01 ng	1426010	Perylene-d12	24.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Methyl 2,5,8,11,14,17,20-heptaox...	368	C16H32O9	1000366-81-3	64
2		Methyl 2,5,8,11,14,17,20,23-octa...	412	C18H36O10	1000366-81-2	53
3		Hexaethylene glycol dimethyl ether	310	C14H30O7	001072-40-8	52
4		Methyl 2,5,8,11,14,17-hexaoxonon...	324	C14H28O8	1000366-81-4	52
5		Methyl 2,5,8,11,14-pentaoxahexad...	280	C12H24O7	1000366-81-5	47



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022417\
Data File : BG025959.D
Acq On : 25 Feb 2017 8:59
Operator : SJ/MA
Sample : I1979-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
2AVE-02

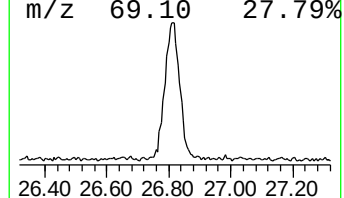
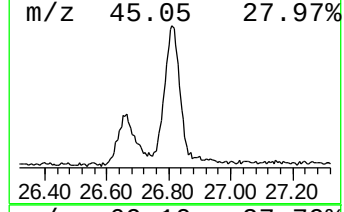
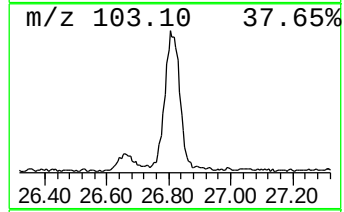
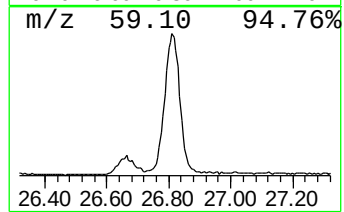
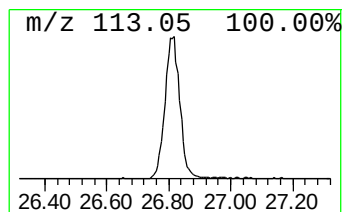
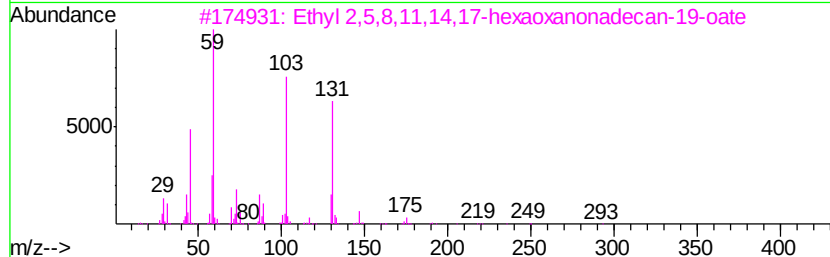
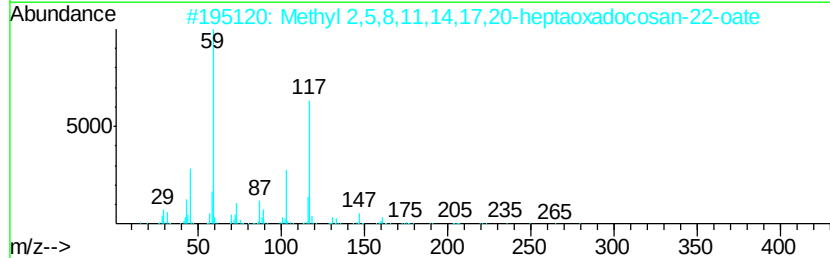
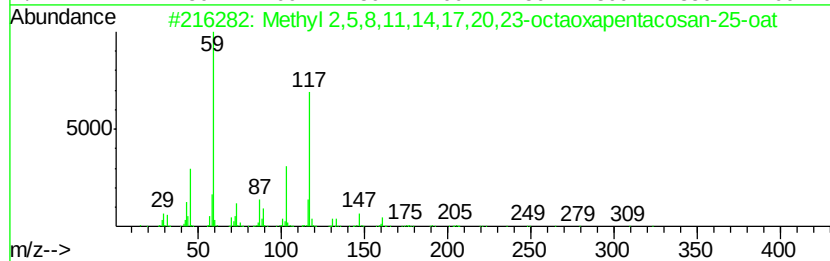
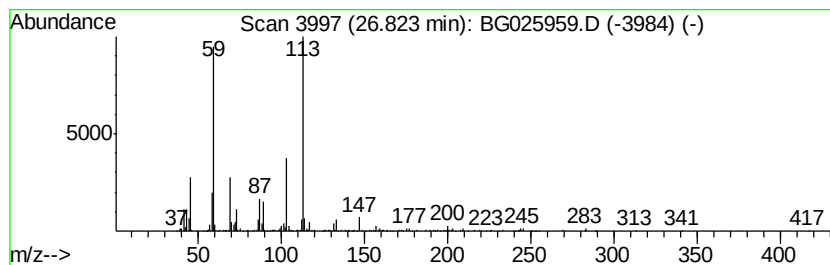
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown26.82 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.82	10.70 ng	1088790	Perylene-d12	24.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Methyl 2,5,8,11,14,17,20,23-octa...	412	C18H36O10	1000366-81-2	49
2		Methyl 2,5,8,11,14,17,20-heptaox...	368	C16H32O9	1000366-81-3	49
3		Ethyl 2,5,8,11,14,17-hexaoxanona...	338	C15H30O8	1000366-80-6	47
4		Hexaethylene glycol dimethyl ether	310	C14H30O7	001072-40-8	43
5		Methyl 2,5,8,11-tetraoxatridecan...	236	C10H20O6	1000366-78-2	43



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022417\
 Data File : BG025959.D
 Acq On : 25 Feb 2017 8:59
 Operator : SJ/MA
 Sample : I1979-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 2AVE-02

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
2-Propenoic acid,...	4.15	14.8	ng	355303	1	8.08	479110	20.0
2-Pentanone, 4-hy...	5.18	10.7	ng	255545	1	8.08	479110	20.0
unknown7.61	7.61	63.3	ng	1516220	1	8.08	479110	20.0
2-Hydroxyethyl me...	7.84	51.5	ng	1233990	1	8.08	479110	20.0
unknown10.41	10.41	6.3	ng	591090	2	10.88	1871700	20.0
unknown10.61	10.61	8.8	ng	823958	2	10.88	1871700	20.0
unknown10.73	10.73	8.1	ng	753624	2	10.88	1871700	20.0
unknown10.79	10.79	4.7	ng	435429	2	10.88	1871700	20.0
unknown11.13	11.13	27.5	ng	2575430	2	10.88	1871700	20.0
Thiophane, propyl-	11.75	3.8	ng	351649	2	10.88	1871700	20.0
n-Hexadecanoic acid	18.29	4.2	ng	383654	4	17.41	1845180	20.0
unknown19.13	19.13	7.9	ng	729086	4	17.41	1845180	20.0
2,5,8,11,14-Penta...	20.46	4.7	ng	471778	5	21.66	2029870	20.0
Hexaethylene glyc...	20.59	11.4	ng	1160140	5	21.66	2029870	20.0
Methyl 2,5,8,11,1...	23.90	14.0	ng	1426010	6	24.87	2035960	20.0
unknown26.82	26.82	10.7	ng	1088790	6	24.87	2035960	20.0
unknown31.55	31.55	5.4	ng	553580	6	24.87	2035960	20.0