

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091616\
 Data File : BG024007.D
 Acq On : 16 Sep 2016 23:48
 Operator : UM/SJ
 Sample : H4813-12
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-6

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-BG083116.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.120	384	388	396	rBV2	73008	133261	1.16%	0.268%
2	5.601	465	470	480	rBV	563909	965524	8.40%	1.943%
3	7.223	740	746	756	rBV	401678	752612	6.55%	1.515%
4	7.587	801	808	822	rBV	1078499	1883738	16.38%	3.791%
5	8.051	878	887	893	rBV	206156	351161	3.05%	0.707%
6	8.380	933	943	955	rBV	815964	1473640	12.82%	2.966%
7	9.238	1081	1089	1101	rBV	827819	1552543	13.50%	3.125%
8	10.207	1246	1254	1255	rBV2	68712	123632	1.08%	0.249%
9	10.219	1255	1256	1264	rVB3	71932	118241	1.03%	0.238%
10	10.888	1363	1370	1380	rBV	278308	531058	4.62%	1.069%
11	11.722	1503	1512	1522	rBV	240523	534739	4.65%	1.076%
12	12.703	1673	1679	1693	rBV2	48468	138226	1.20%	0.278%
13	13.009	1725	1731	1741	rBV2	167280	305021	2.65%	0.614%
14	13.338	1780	1787	1797	rVB	2478753	3744477	32.57%	7.537%
15	14.172	1924	1929	1936	rVB	161797	234990	2.04%	0.473%
16	14.724	2016	2023	2030	rBV	560576	891424	7.75%	1.794%
17	15.141	2087	2094	2101	rBV2	222357	366658	3.19%	0.738%
18	16.228	2272	2279	2294	rBV	2647794	4128343	35.91%	8.309%
19	16.440	2310	2315	2324	rVB	245078	407715	3.55%	0.821%
20	16.528	2324	2330	2339	rBV	657908	1151399	10.01%	2.317%
21	16.727	2359	2364	2371	rBV2	66021	132363	1.15%	0.266%
22	17.491	2488	2494	2500	rBV	801301	1180470	10.27%	2.376%
23	17.755	2531	2539	2546	rBV	248366	394634	3.43%	0.794%
24	18.366	2638	2643	2650	rBV	240100	369493	3.21%	0.744%
25	18.437	2652	2655	2664	rVB	119919	192106	1.67%	0.387%
26	19.107	2765	2769	2776	rBV2	105007	178442	1.55%	0.359%
27	19.635	2854	2859	2867	rBV	271802	440468	3.83%	0.887%
28	20.105	2933	2939	2946	rBV	4730084	6202980	53.95%	12.485%
29	20.628	3024	3028	3036	rBV3	199155	395010	3.44%	0.795%
30	20.781	3050	3054	3063	rVB	366282	469838	4.09%	0.946%
31	20.875	3064	3070	3075	rBV	9784278	11497897	100.00%	23.142%
32	21.145	3112	3116	3121	rVB6	74329	123395	1.07%	0.248%
33	21.215	3124	3128	3130	rVV2	90405	130739	1.14%	0.263%
34	21.245	3130	3133	3137	rVB	158672	187735	1.63%	0.378%

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091616\
Data File : BG024007.D
Acq On : 16 Sep 2016 23:48
Operator : UM/SJ
Sample : H4813-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-6

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

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

Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	21.374	3149	3155	3160	rBV2	109025	224390	1.95%	0.452%
36	21.439	3160	3166	3170	rVB	160501	285977	2.49%	0.576%
37	21.503	3171	3177	3186	rBV	2533851	3692672	32.12%	7.432%
38	21.650	3197	3202	3206	rBV	214313	301095	2.62%	0.606%
39	21.797	3222	3227	3241	rVB	778980	1416788	12.32%	2.852%
40	22.108	3275	3280	3288	rBV3	134597	297258	2.59%	0.598%
41	22.972	3422	3427	3434	rBV2	312614	532367	4.63%	1.072%
42	25.140	3788	3796	3807	rVB2	438350	1249516	10.87%	2.515%

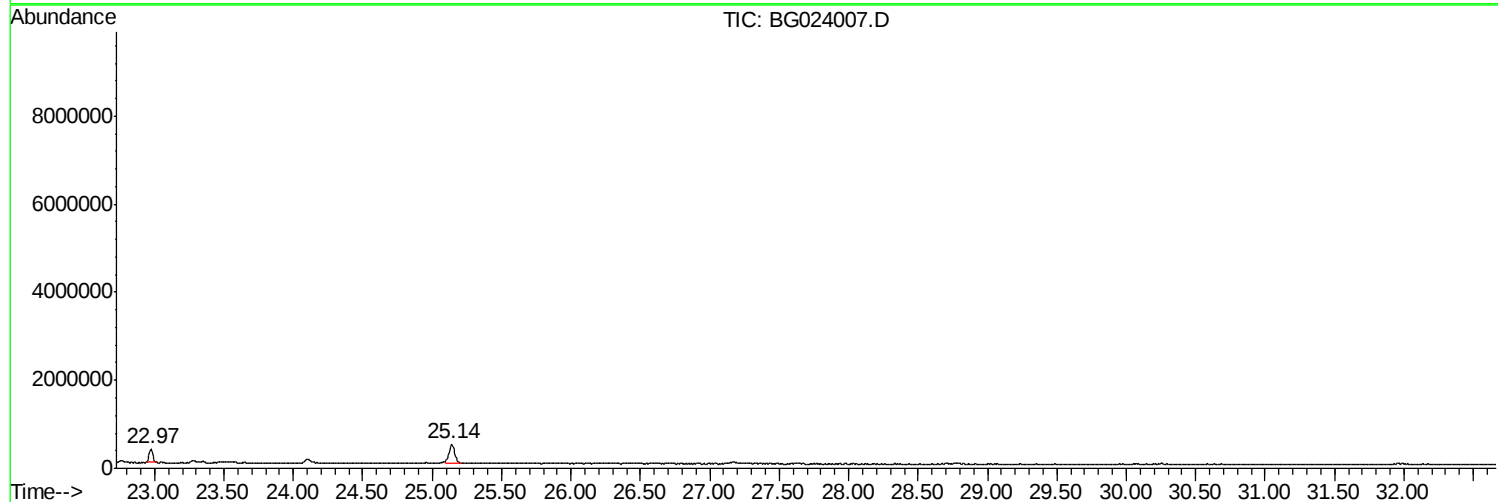
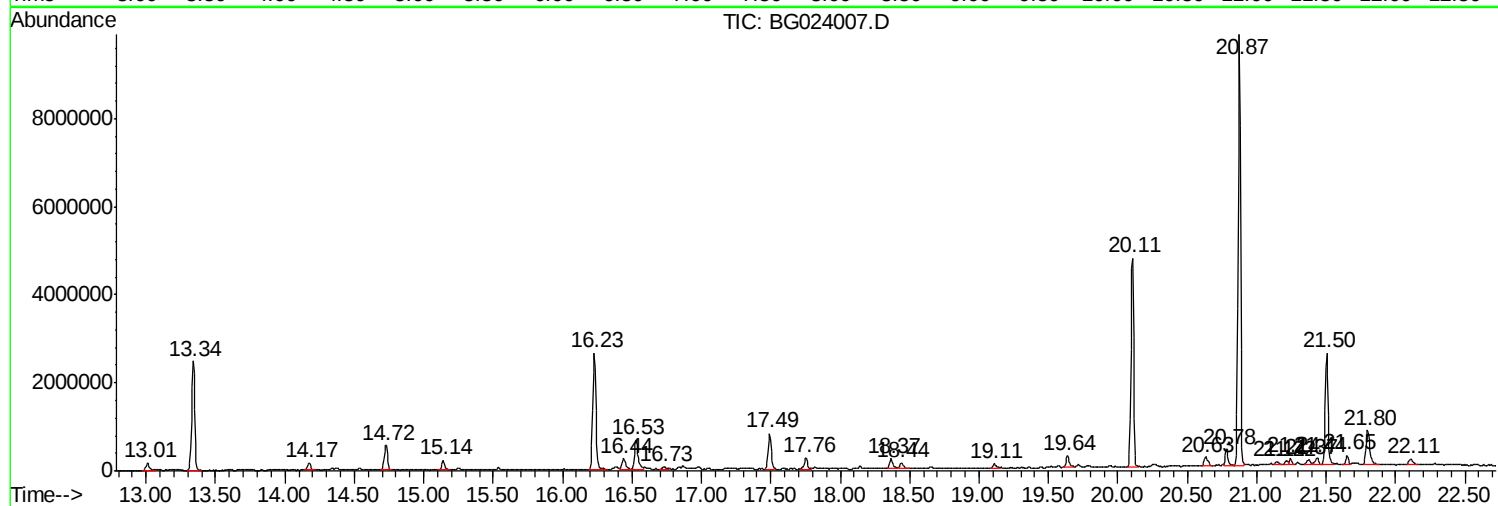
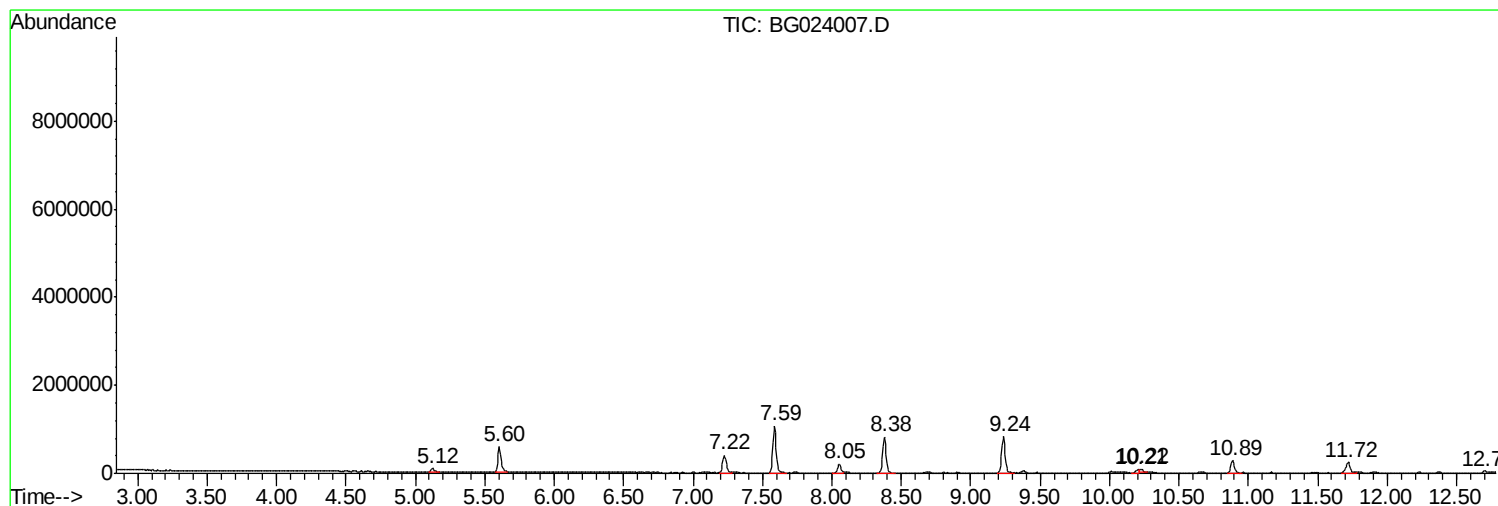
Sum of corrected areas: 49684035

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091616\
Data File : BG024007.D
Acq On : 16 Sep 2016 23:48
Operator : UM/SJ
Sample : H4813-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-6

Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG091616\
Data File : BG024007.D
Acq On : 16 Sep 2016 23:48
Operator : UM/SJ
Sample : H4813-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-6

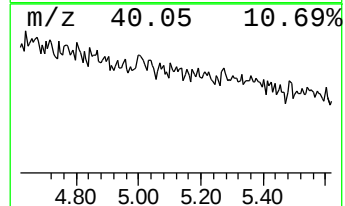
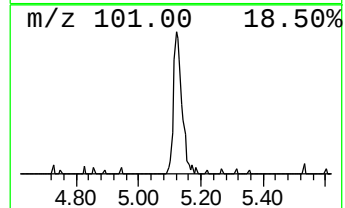
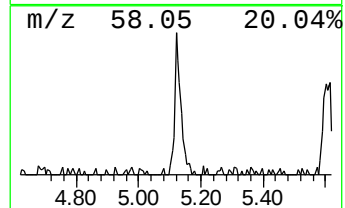
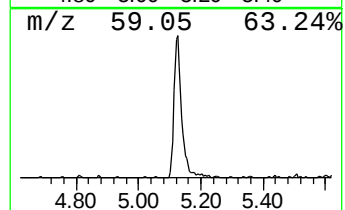
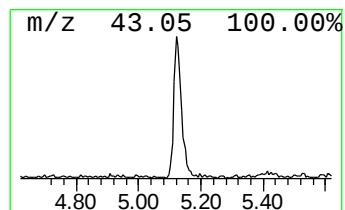
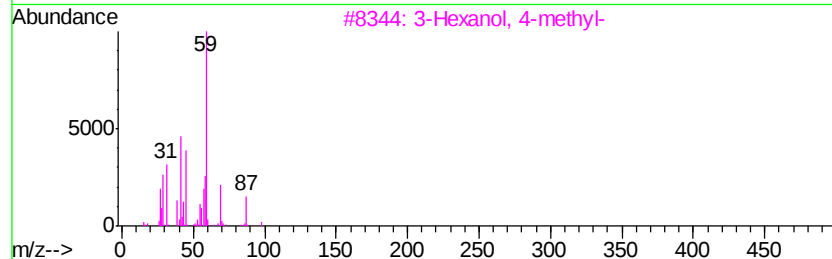
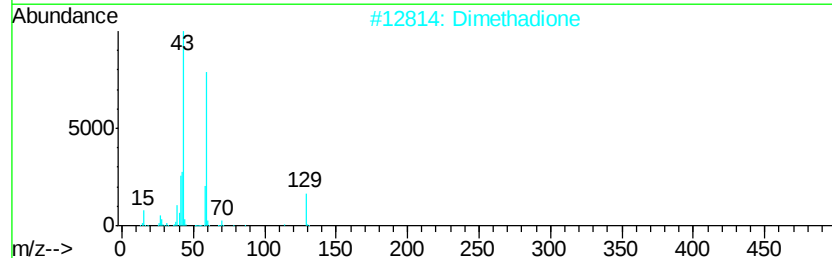
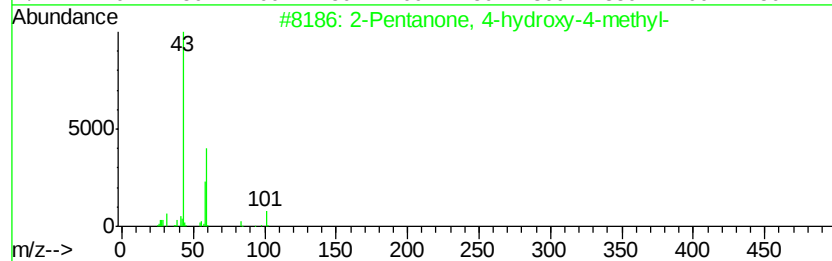
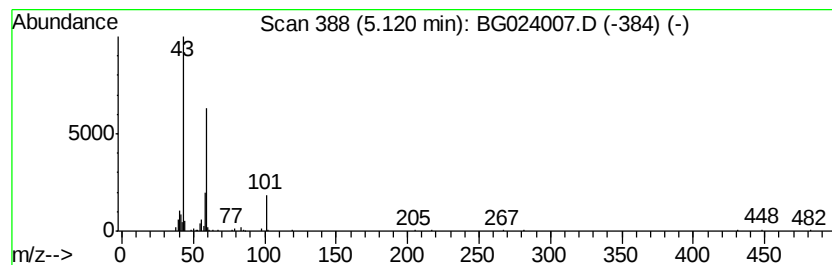
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.12	7.59 ng	133261	1,4-Dichlorobenzene-d4	8.05

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40	
2	Dimethadione	129	C5H7NO3	000695-53-4	38	
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	25	
4	3-Octanol	130	C8H18O	000589-98-0	23	
5	Acetic acid, cyano-, 1,1-dimethyl-	141	C7H11NO2	001116-98-9	16	



Data Path : Z:\HPCHEM1\BNA G\DATA\BG091616\
Data File : BG024007.D
Acq On : 16 Sep 2016 23:48
Operator : UM/SJ
Sample : H4813-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-6

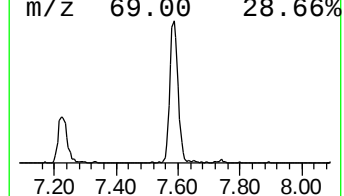
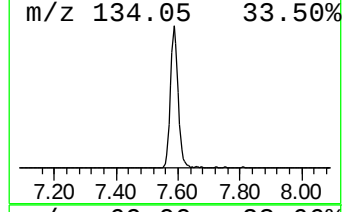
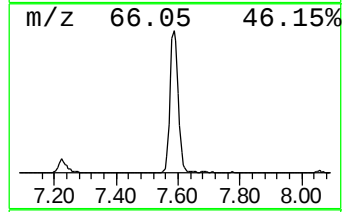
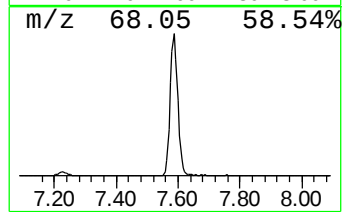
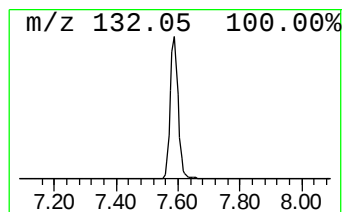
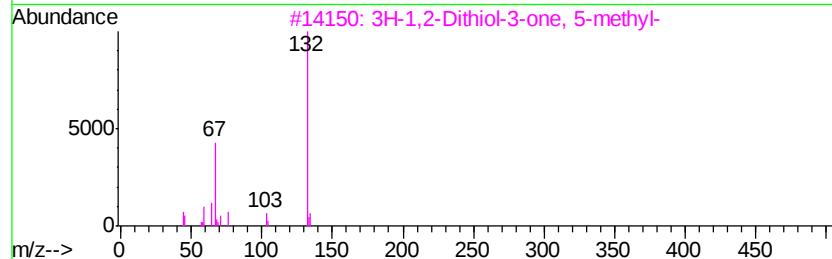
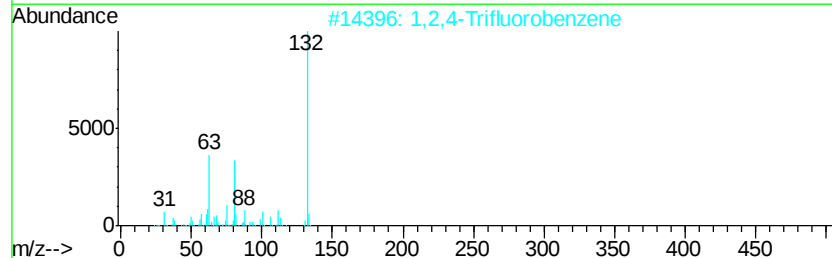
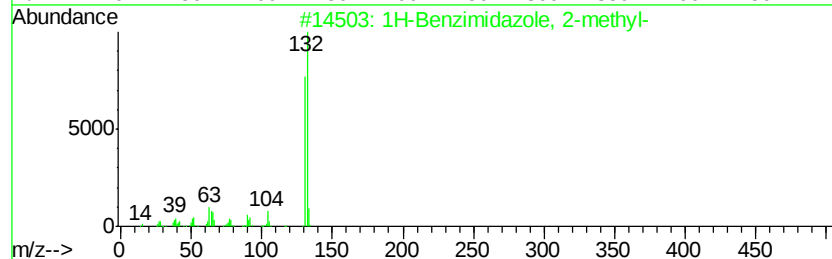
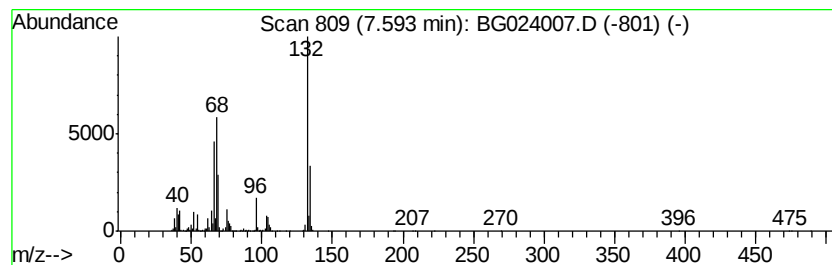
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown7.59 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	107.29 ng	1883740	1,4-Dichlorobenzene-d4	8.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	14
2		1,2,4-Trifluorobenzene	132	C6H3F3	000367-23-7	10
3		3H-1,2-Dithiol-3-one, 5-methyl-	132	C4H4OS2	003620-08-4	10
4		Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	10
5		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	10



Data Path : Z:\HPCHEM1\BNA G\DATA\BG091616\
Data File : BG024007.D
Acq On : 16 Sep 2016 23:48
Operator : UM/SJ
Sample : H4813-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-6

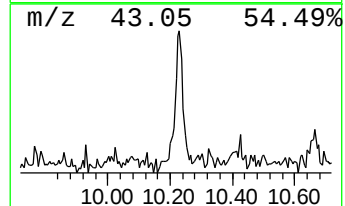
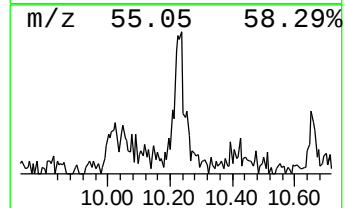
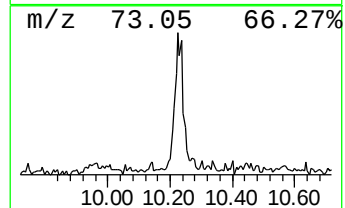
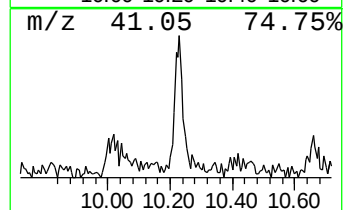
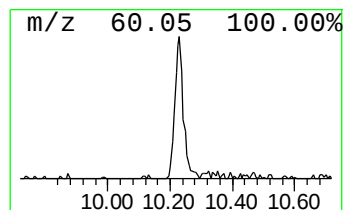
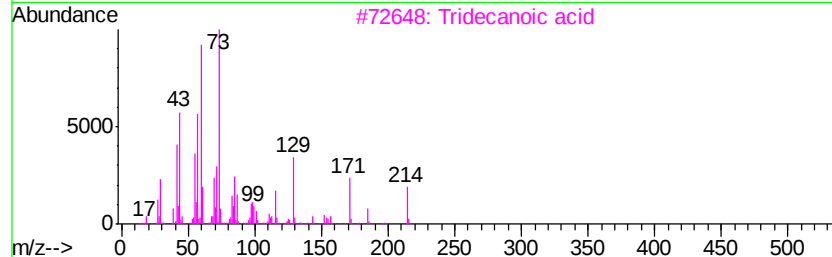
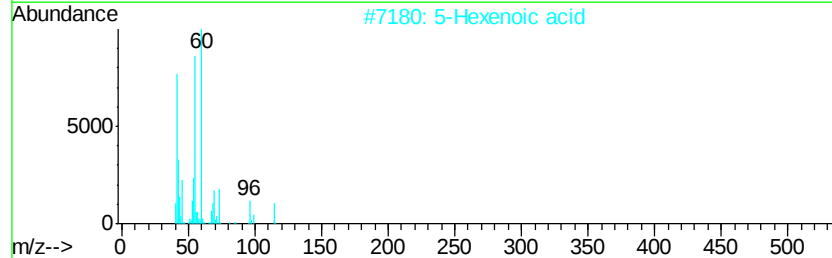
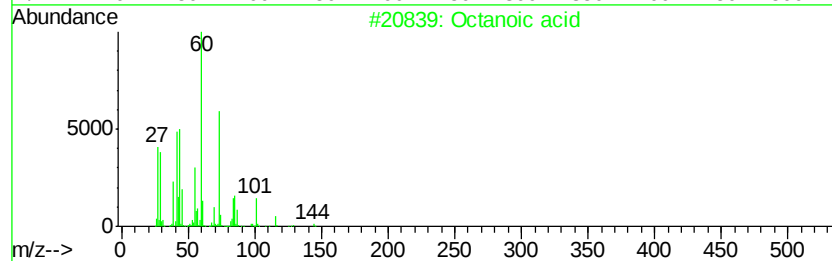
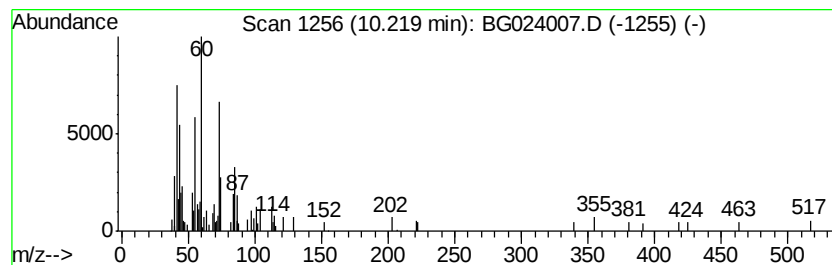
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Octanoic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.22	4.45 ng	118241	Naphthalene-d8	10.89

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octanoic acid	144	C8H16O2	000124-07-2	53
2		5-Hexenoic acid	114	C6H10O2	001577-22-6	45
3		Tridecanoic acid	214	C13H26O2	000638-53-9	45
4		Acetylcysteine	163	C5H9NO3S	000616-91-1	38
5		Hydrazinecarbothioamide, 2-cyclo...	157	C6H11N3S	007283-39-8	38



Data Path : Z:\HPCHEM1\BNA G\DATA\BG091616\
Data File : BG024007.D
Acq On : 16 Sep 2016 23:48
Operator : UM/SJ
Sample : H4813-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-6

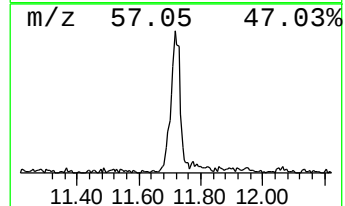
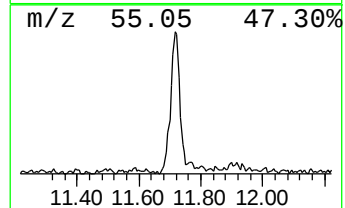
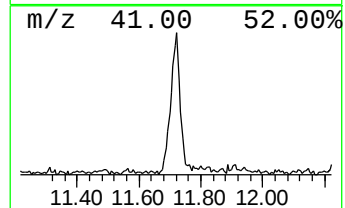
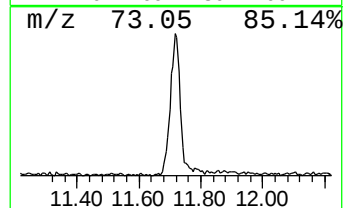
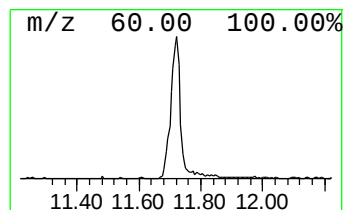
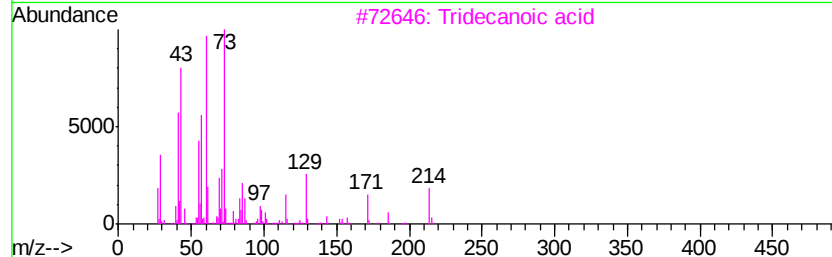
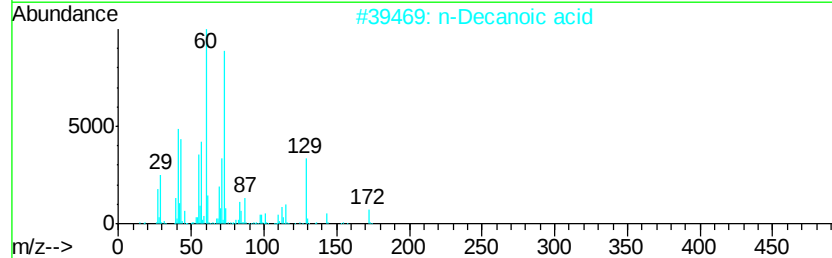
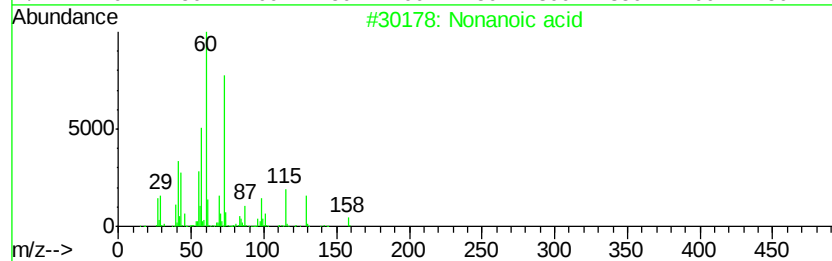
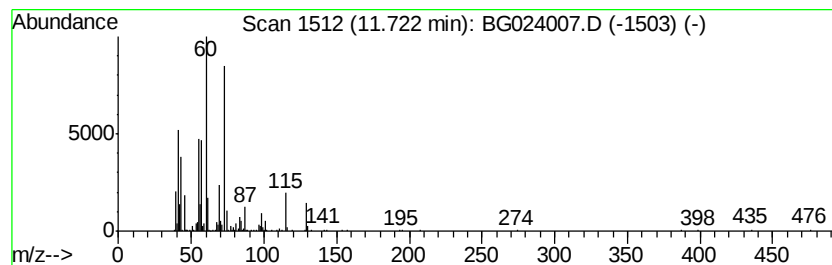
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Nonanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	20.14 ng	534739	Naphthalene-d8	10.89

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanoic acid		158	C9H18O2	000112-05-0	78
2	n-Decanoic acid		172	C10H20O2	000334-48-5	72
3	Tridecanoic acid		214	C13H26O2	000638-53-9	56
4	Hexanoic acid		116	C6H12O2	000142-62-1	53
5	11-Bromoundecanoic acid		264	C11H21BrO2	002834-05-1	50



Data Path : Z:\HPCHEM1\BNA G\DATA\BG091616\
Data File : BG024007.D
Acq On : 16 Sep 2016 23:48
Operator : UM/SJ
Sample : H4813-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-6

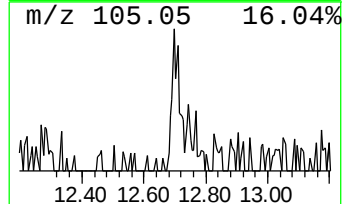
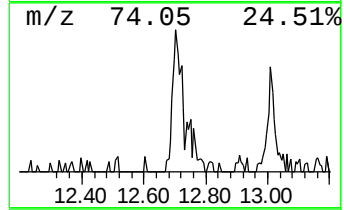
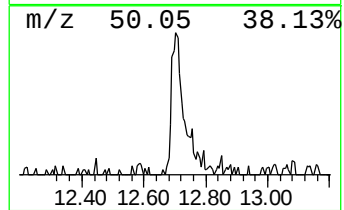
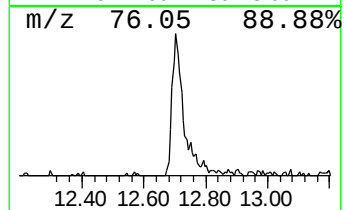
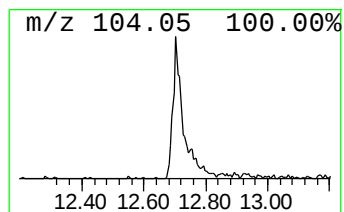
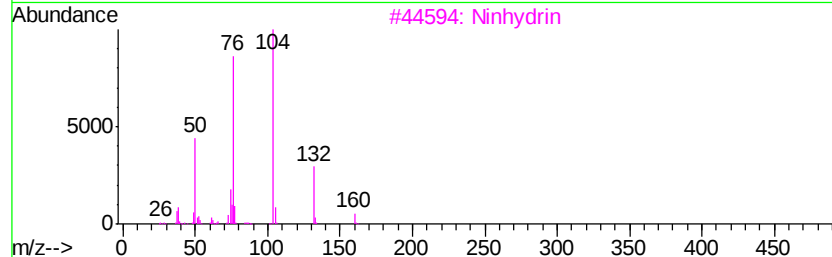
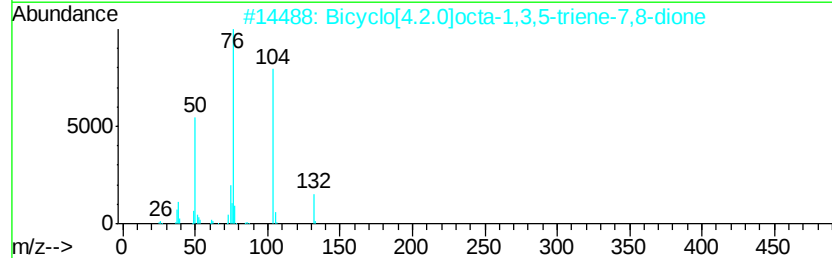
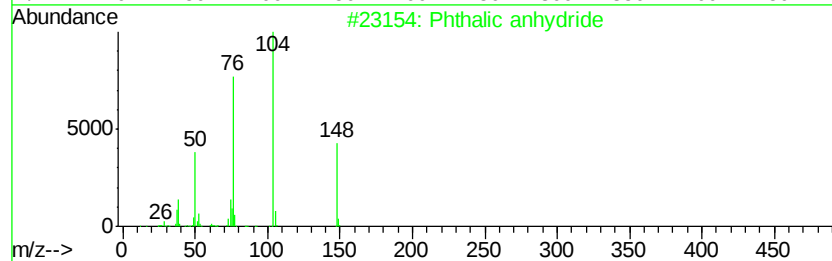
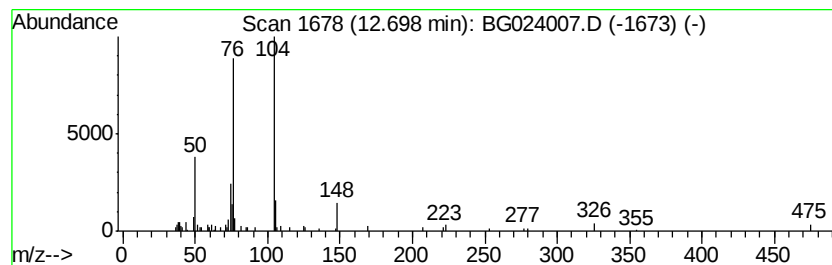
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Phthalic anhydride Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.70	5.21 ng	138226	Naphthalene-d8	10.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phthalic anhydride	148	C8H4O3	000085-44-9	74
2		Bicyclo[4.2.0]octa-1,3,5-triene-...	132	C8H4O2	006383-11-5	72
3		Ninhydrin	178	C9H6O4	000485-47-2	64
4		Phthalic acid, monoethyl ester	194	C10H10O4	002306-33-4	56
5		1H-Isoindole-1,3(2H)-dione, 2-(2...	201	C11H7N O3	004616-63-1	56



Data Path : Z:\HPCHEM1\BNA G\DATA\BG091616\
Data File : BG024007.D
Acq On : 16 Sep 2016 23:48
Operator : UM/SJ
Sample : H4813-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

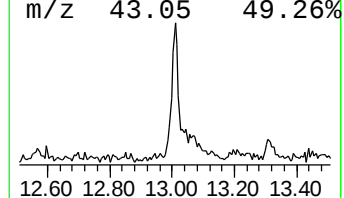
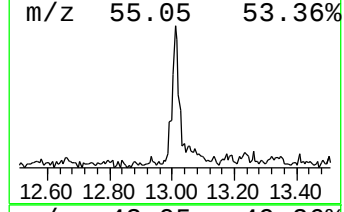
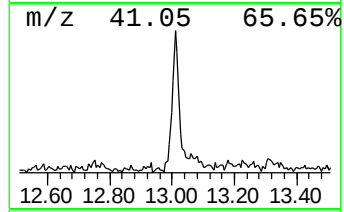
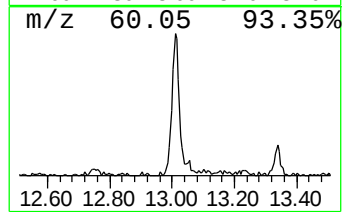
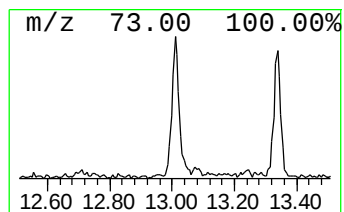
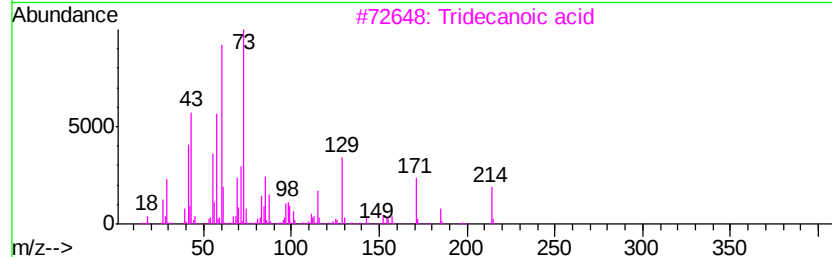
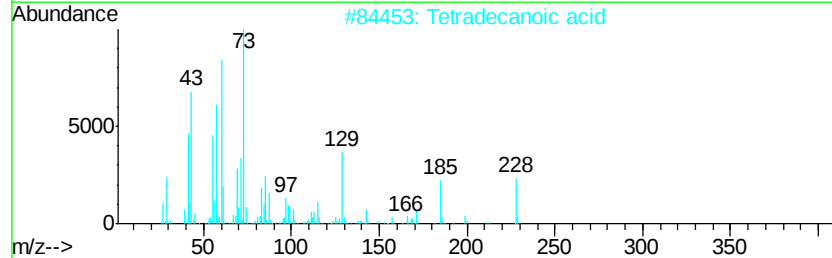
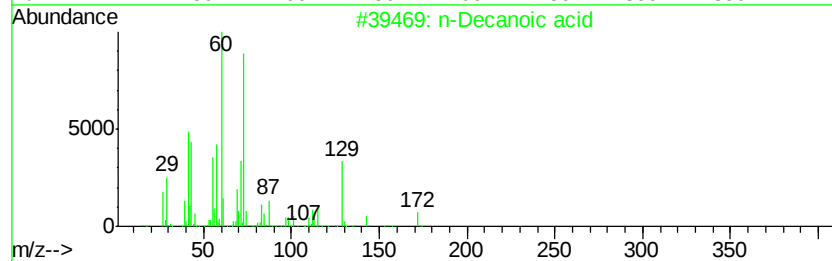
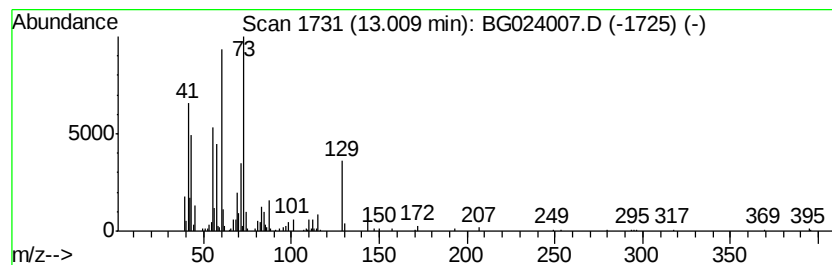
Instrument :
BNA_G
ClientSampleId :
SB-6

Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 n-Decanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.
13.01	6.84 ng	305021	Acenaphthene-d10		14.72
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Decanoic acid	172	C10H20O2	000334-48-5	91
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
3	Tridecanoic acid	214	C13H26O2	000638-53-9	56
4	Hexanoic acid	116	C6H12O2	000142-62-1	50
5	Dodecanoic acid	200	C12H24O2	000143-07-7	45



Data Path : Z:\HPCHEM1\BNA G\DATA\BG091616\
Data File : BG024007.D
Acq On : 16 Sep 2016 23:48
Operator : UM/SJ
Sample : H4813-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-6

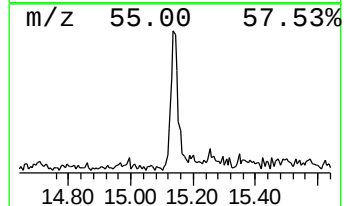
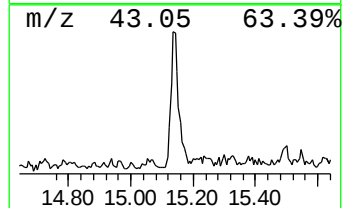
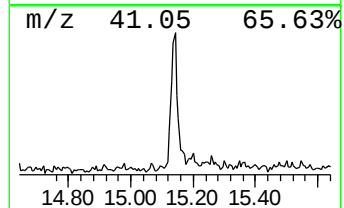
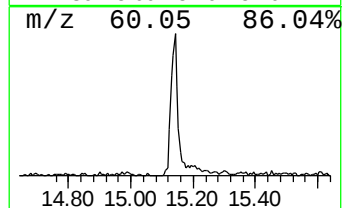
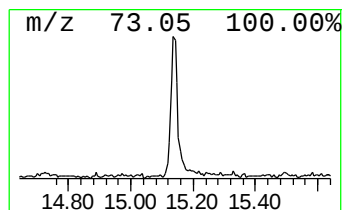
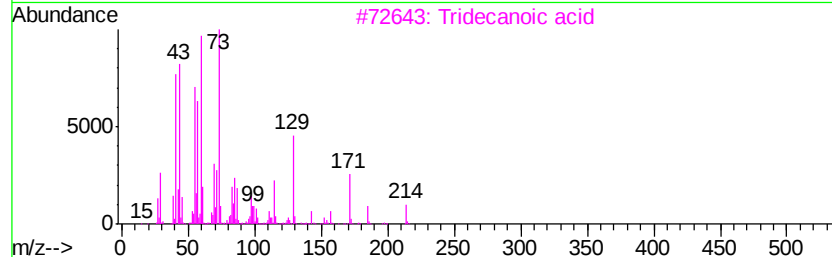
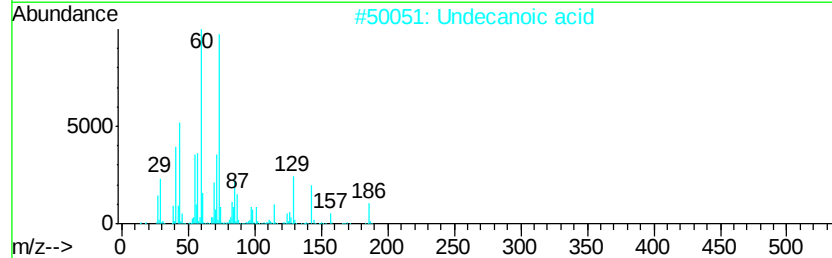
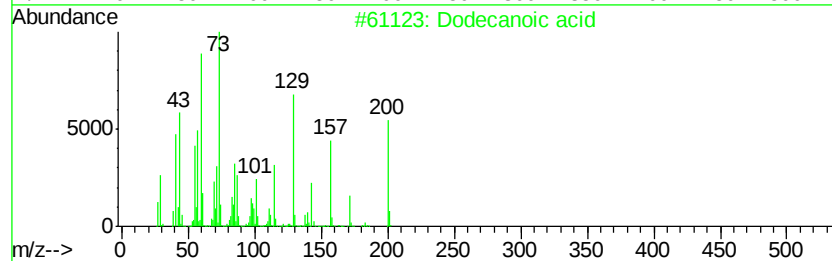
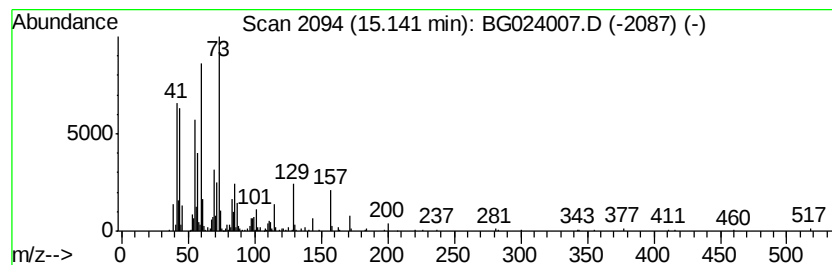
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Dodecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.
15.14	8.23 ng	366658	Acenaphthene-d10		14.72

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	94	
2	Undecanoic acid	186	C11H22O2	000112-37-8	80	
3	Tridecanoic acid	214	C13H26O2	000638-53-9	72	
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	59	
5	Ethanone, 1-(4,5-dihydro-2-thiaz...	129	C5H7NOS	029926-41-8	53	



Data Path : Z:\HPCHEM1\BNA G\DATA\BG091616\
Data File : BG024007.D
Acq On : 16 Sep 2016 23:48
Operator : UM/SJ
Sample : H4813-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-6

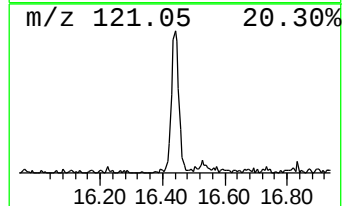
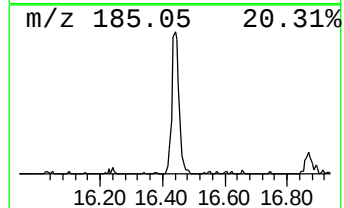
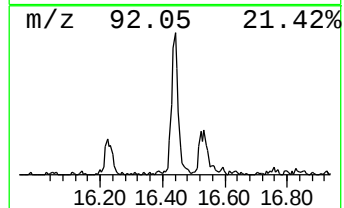
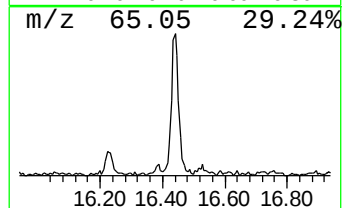
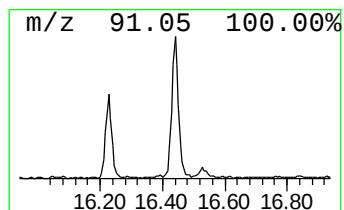
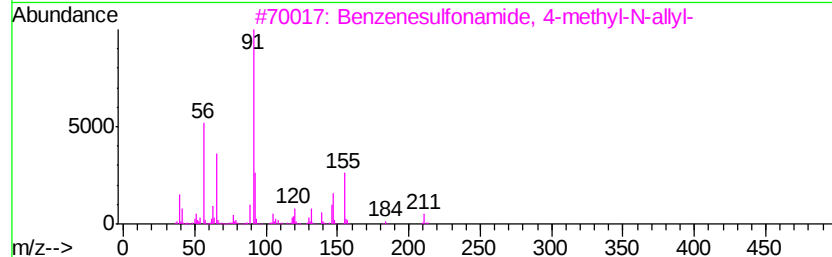
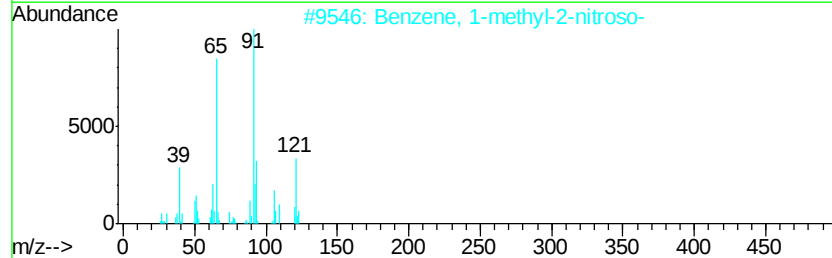
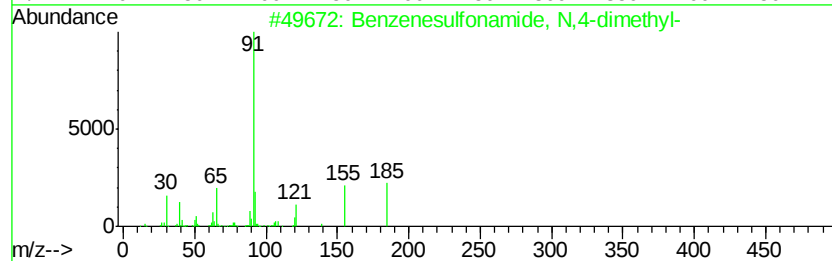
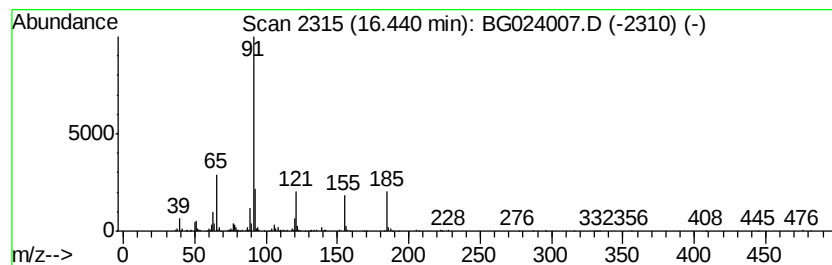
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzenesulfonamide, N,4-dim... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.44	6.91 ng	407715	Phenanthrene-d10	17.49

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzenesulfonamide, N,4-dimethyl-	185	C8H11NO2S	000640-61-9	81
2			Benzene, 1-methyl-2-nitroso-	121	C7H7NO	000611-23-4	53
3			Benzenesulfonamide, 4-methyl-N-a...	211	C10H13NO2S	050487-71-3	53
4			Benzeneacetaldehyde	120	C8H8O	000122-78-1	47
5			Benzene, [(methylsulfonyl)methyl]-	170	C8H10O2S	003112-90-1	47



Data Path : Z:\HPCHEM1\BNA G\DATA\BG091616\
Data File : BG024007.D
Acq On : 16 Sep 2016 23:48
Operator : UM/SJ
Sample : H4813-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-6

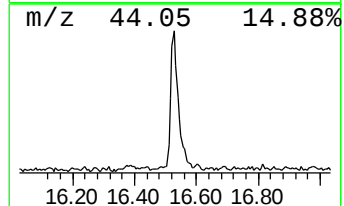
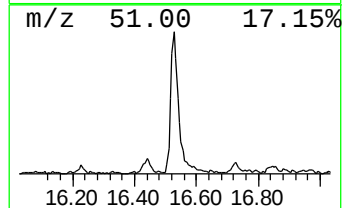
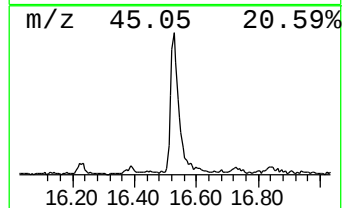
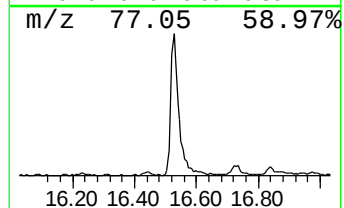
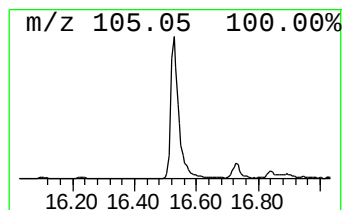
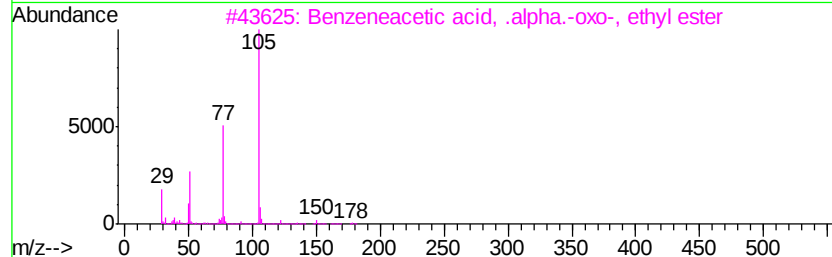
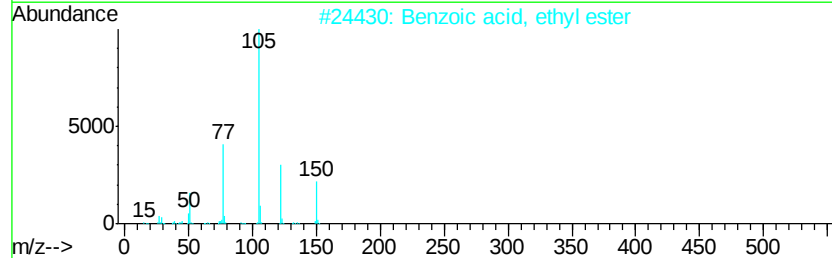
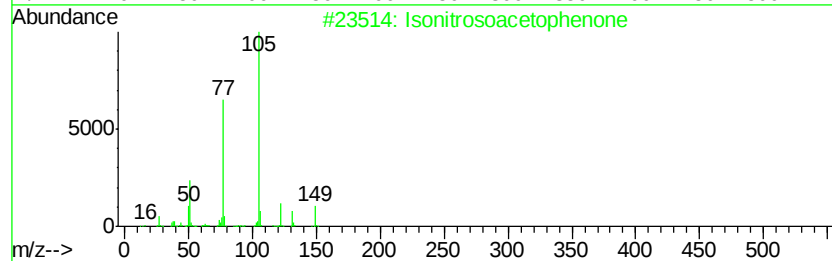
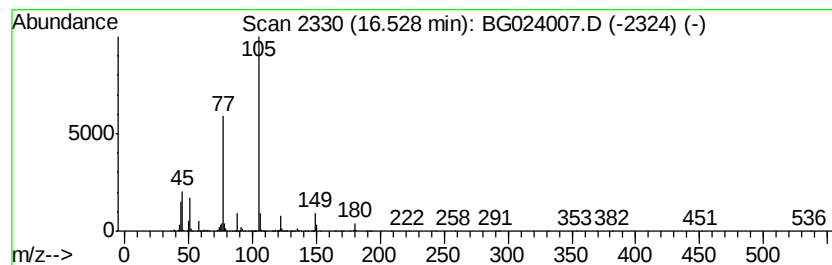
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Isonitrosoacetophenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.53	19.51 ng	1151400	Phenanthrene-d10	17.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Isonitrosoacetophenone	149	C8H7NO2	000532-54-7	53
2		Benzoic acid, ethyl ester	150	C9H10O2	000093-89-0	47
3		Benzeneacetic acid, .alpha.-oxo-...	178	C10H10O3	001603-79-8	47
4		Diethylene glycol dibenzoate	314	C18H18O5	000120-55-8	47
5		1,2,4-Triazine-3,5(2H,4H)-dione,...	249	C10H7N3O3S	024168-34-1	47



Data Path : Z:\HPCHEM1\BNA G\DATA\BG091616\
Data File : BG024007.D
Acq On : 16 Sep 2016 23:48
Operator : UM/SJ
Sample : H4813-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-6

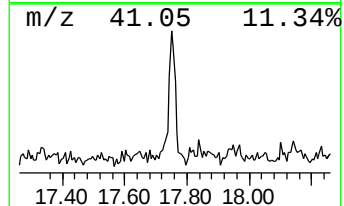
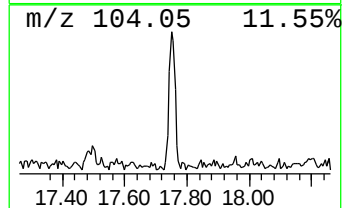
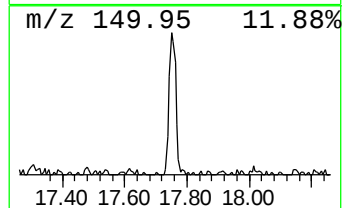
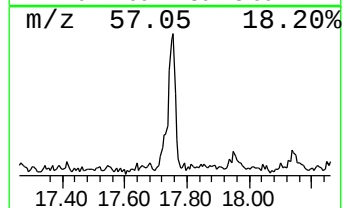
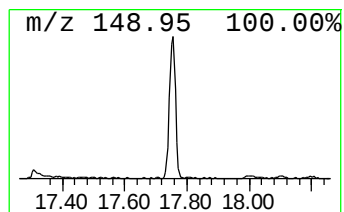
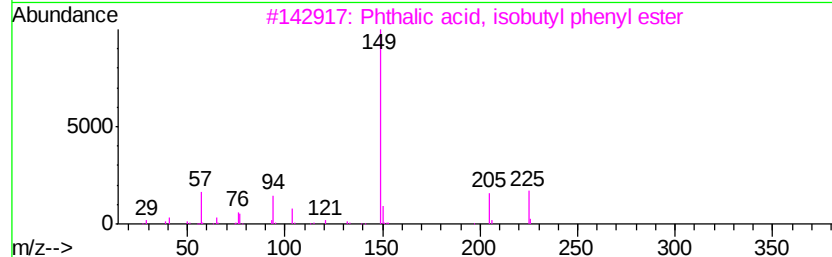
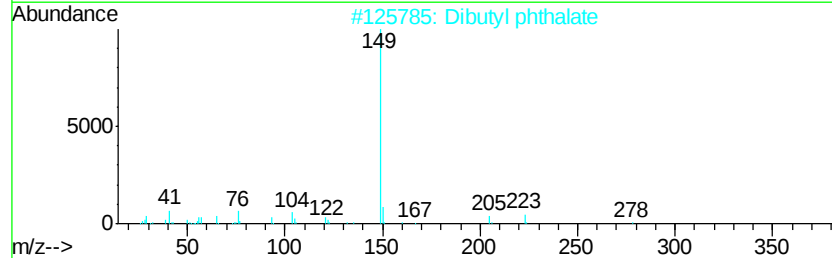
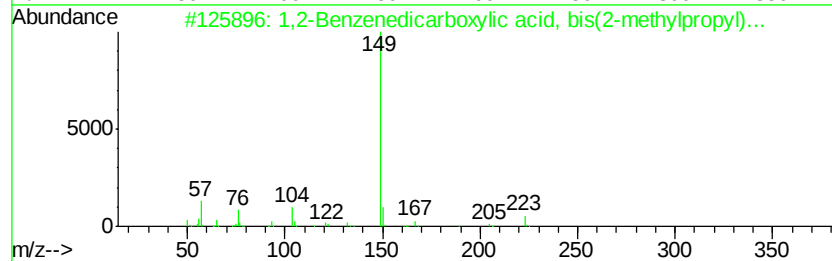
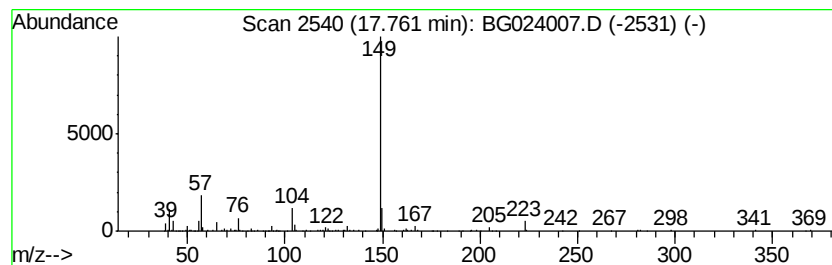
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 1,2-Benzenedicarboxylic aci... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.76	6.69 ng	394634	Phenanthrene-d10	17.49

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,2-Benzenedicarboxylic acid, bi...	278	C16H22O4	000084-69-5	87
2			Dibutyl phthalate	278	C16H22O4	000084-74-2	78
3			Phthalic acid, isobutyl phenyl e...	298	C18H18O4	1000314-88-0	72
4			Phthalic acid, butyl 4-methoxyph...	328	C19H20O5	1000309-87-3	72
5			Phthalic acid, butyl 2-methylphe...	312	C19H20O4	1000314-95-2	72



Data Path : Z:\HPCHEM1\BNA G\DATA\BG091616\
Data File : BG024007.D
Acq On : 16 Sep 2016 23:48
Operator : UM/SJ
Sample : H4813-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-6

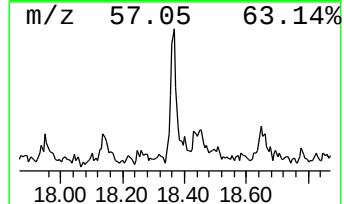
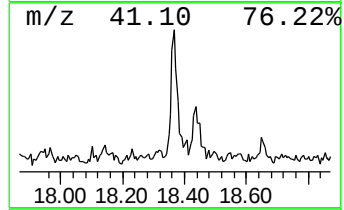
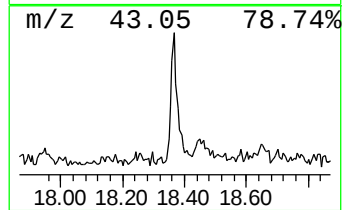
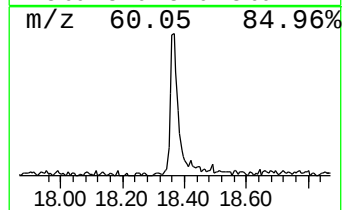
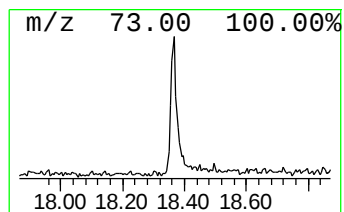
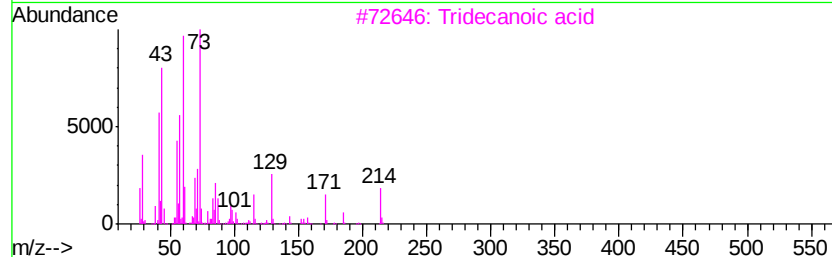
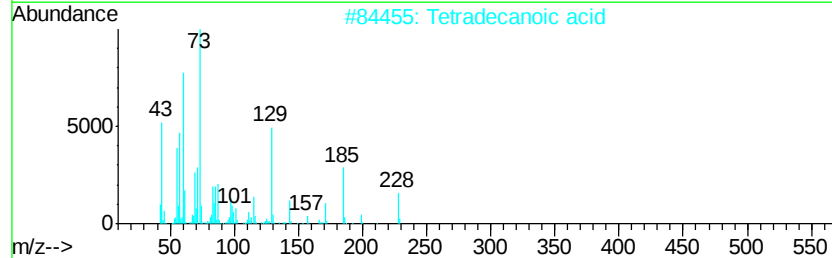
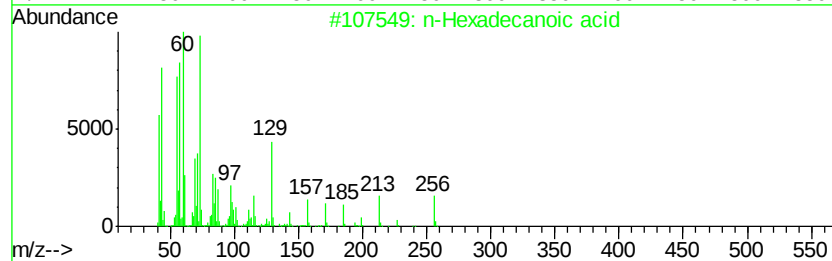
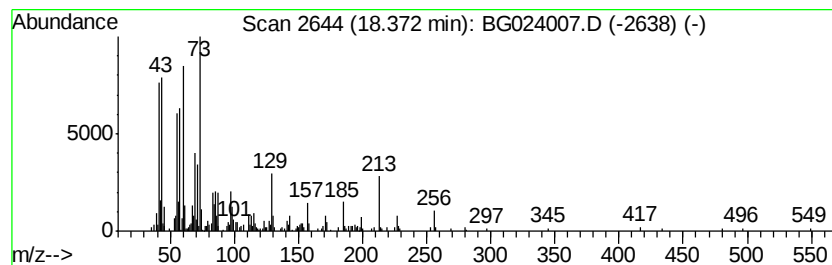
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 n-Hexadecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.37	6.26 ng	369493	Phenanthrene-d10	17.49

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3			Tridecanoic acid	214	C13H26O2	000638-53-9	83
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	53
5			Octadecanoic acid	284	C18H36O2	000057-11-4	49



Data Path : Z:\HPCHEM1\BNA G\DATA\BG091616\
Data File : BG024007.D
Acq On : 16 Sep 2016 23:48
Operator : UM/SJ
Sample : H4813-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-6

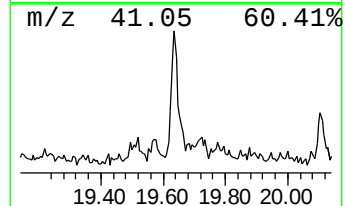
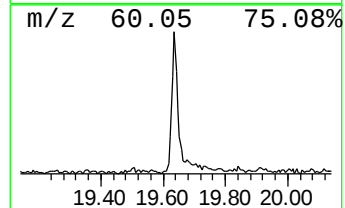
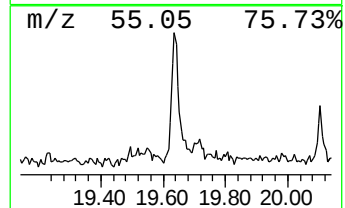
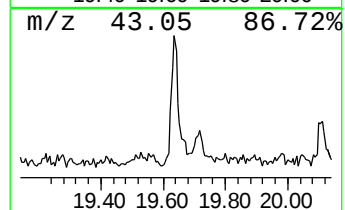
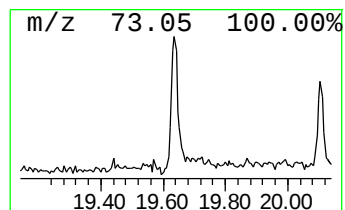
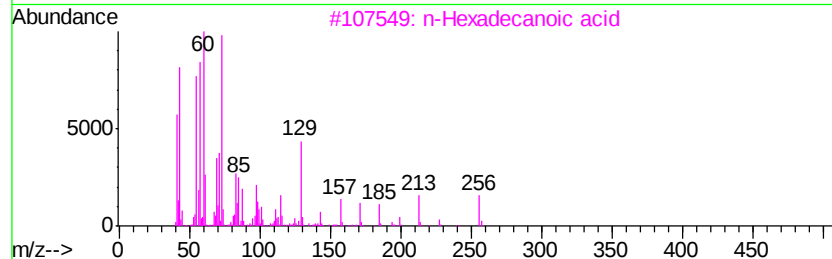
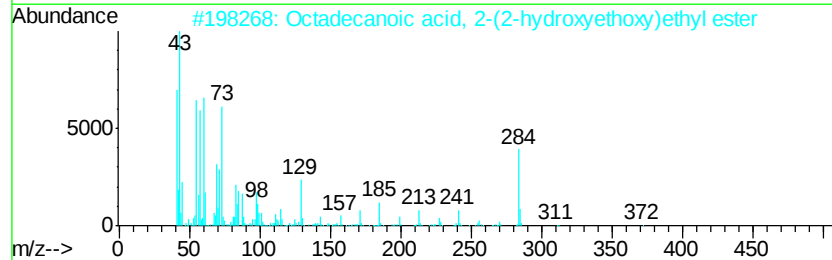
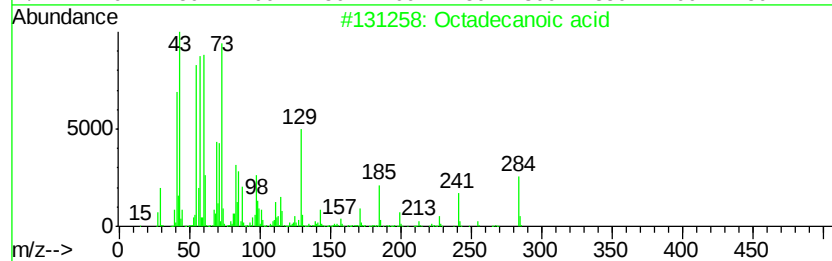
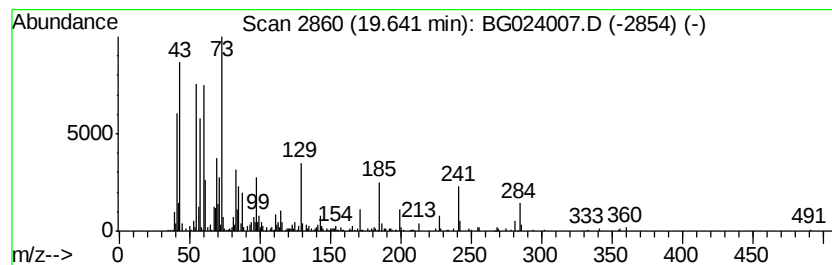
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Octadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.64	7.46 ng	440468	Phenanthrene-d10	17.49

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	97
2			Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	80
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	68
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	59



Data Path : Z:\HPCHEM1\BNA G\DATA\BG091616\
Data File : BG024007.D
Acq On : 16 Sep 2016 23:48
Operator : UM/SJ
Sample : H4813-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-6

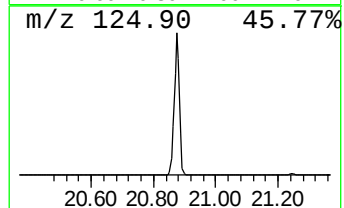
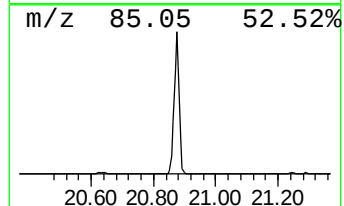
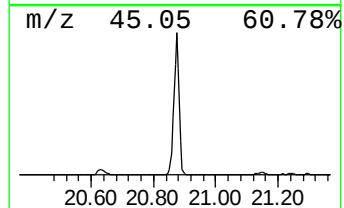
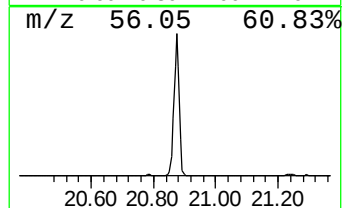
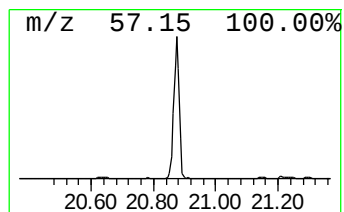
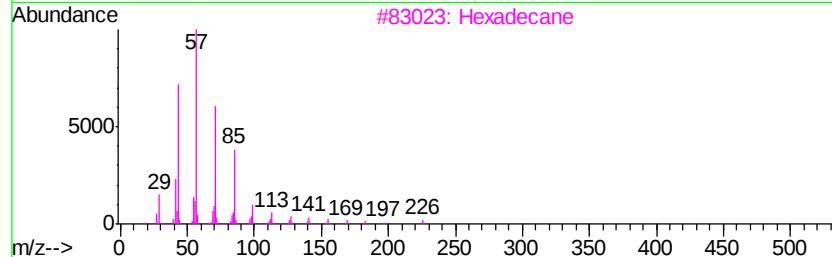
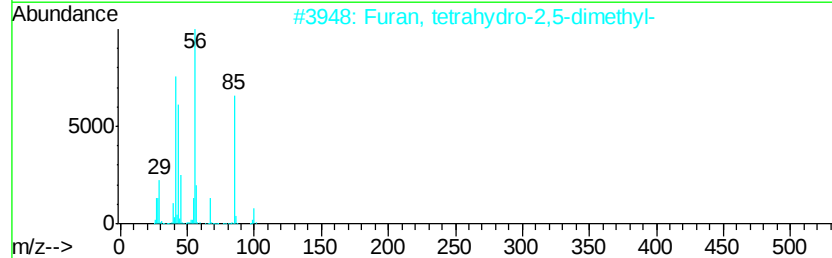
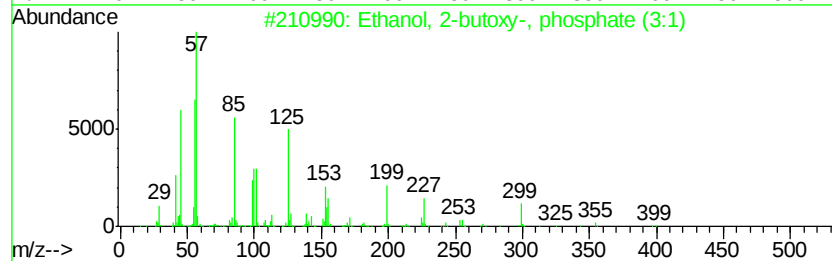
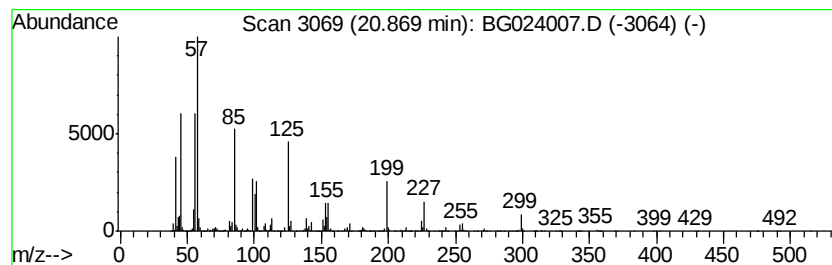
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Ethanol, 2-butoxy-, phospho... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	162.31 ng	11497900	Chrysene-d12	21.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2-butoxy-, phosphate (3:1)	398	C18H39O7P	000078-51-3	90
2		Furan, tetrahydro-2,5-dimethyl-	100	C6H12O	001003-38-9	12
3		Hexadecane	226	C16H34	000544-76-3	11
4		Butane, 1,1'-[ethylidenebis(oxy)...]	174	C10H22O2	000871-22-7	10
5		Di-sec-butyl ether	130	C8H18O	006863-58-7	10



Data Path : Z:\HPCHEM1\BNA G\DATA\BG091616\
Data File : BG024007.D
Acq On : 16 Sep 2016 23:48
Operator : UM/SJ
Sample : H4813-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-6

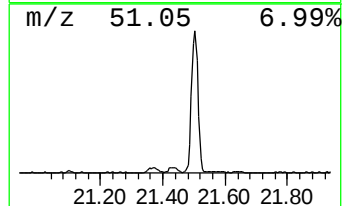
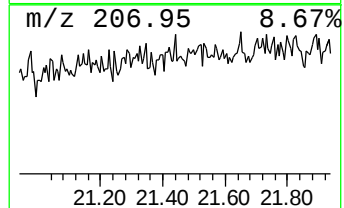
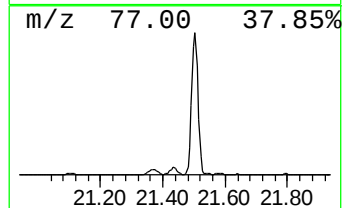
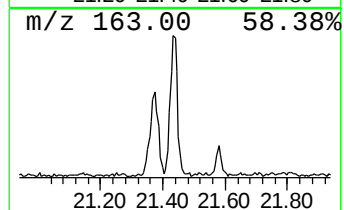
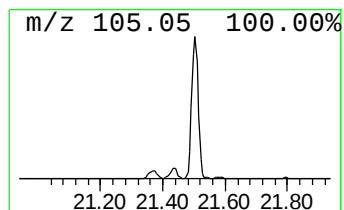
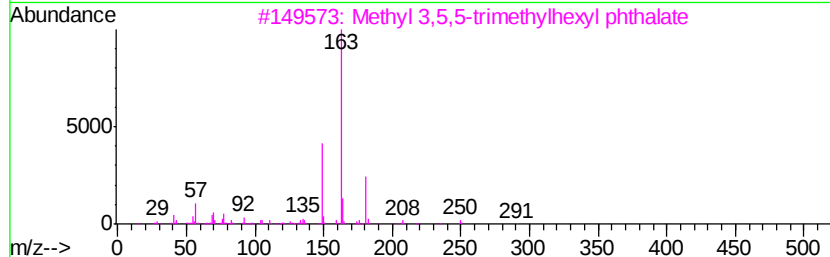
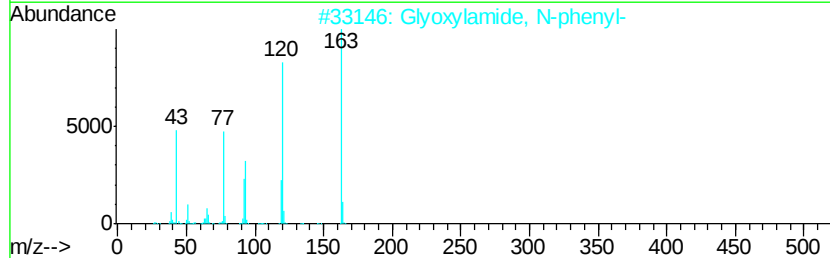
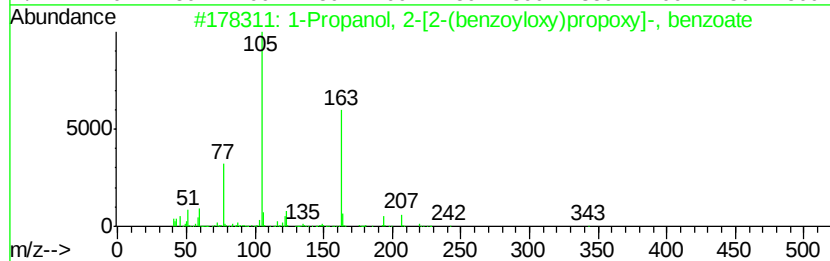
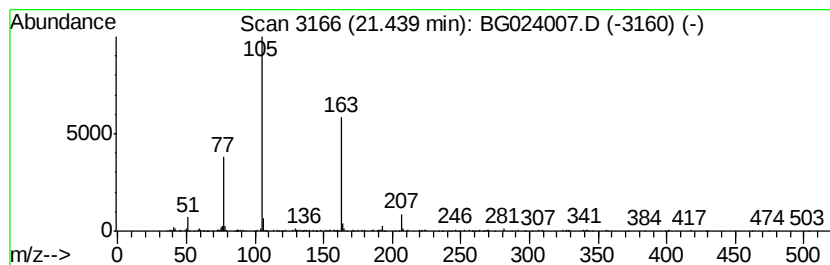
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown21.44 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.44	4.04 ng	285977	Chrysene-d12	21.80

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Propanol, 2-[2-(benzoyloxy)pro...	342	C20H22O5	020109-39-1	39
2			Glyoxylamide, N-phenyl-	163	C9H9NO2	032331-52-5	28
3			Methyl 3,5,5-trimethylhexyl phth...	306	C18H26O4	1000373-81-4	17
4			Cyclohexyl methyl phthalate	262	C15H18O4	1000373-81-3	17
5			Hexyl methyl phthalate	264	C15H20O4	1000373-89-7	17



Data Path : Z:\HPCHEM1\BNA G\DATA\BG091616\
Data File : BG024007.D
Acq On : 16 Sep 2016 23:48
Operator : UM/SJ
Sample : H4813-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-6

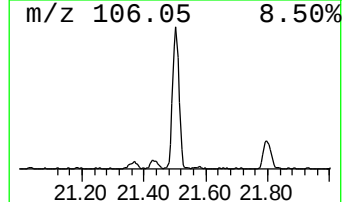
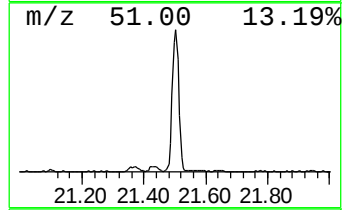
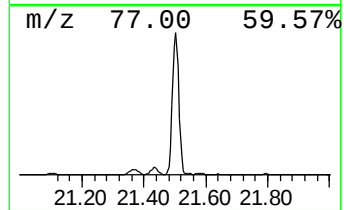
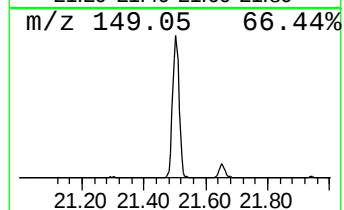
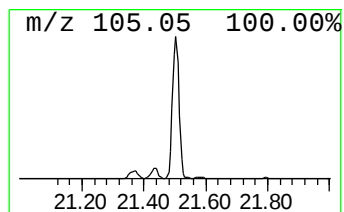
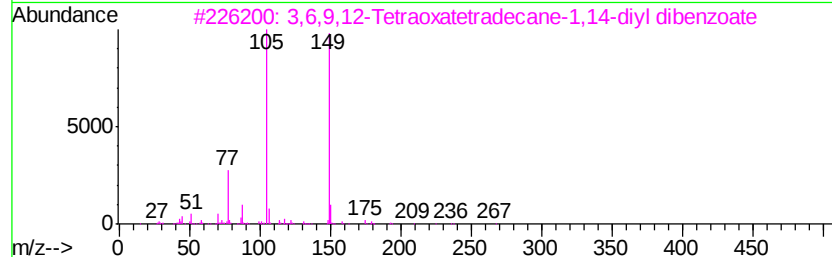
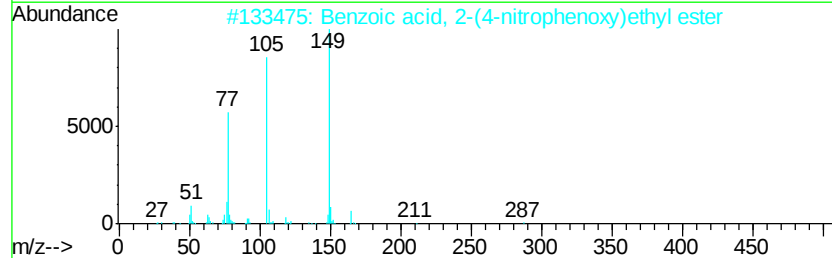
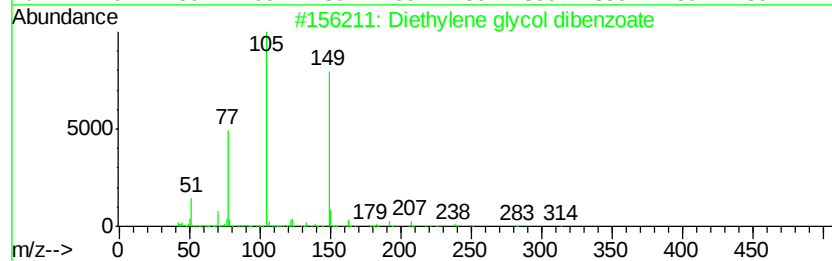
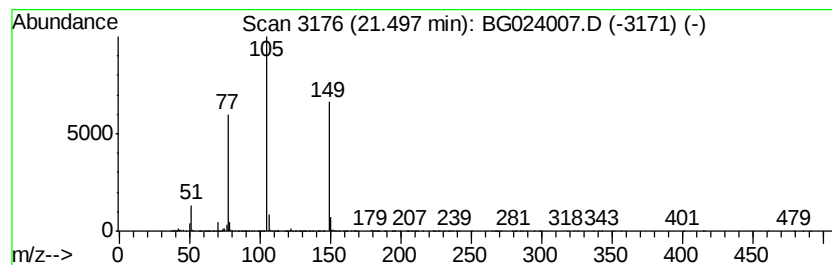
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Diethylene glycol dibenzoate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.50	52.13 ng	3692670	Chrysene-d12	21.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Diethylene glycol dibenzoate	314	C18H18O5	000120-55-8	78
2		Benzoic acid, 2-(4-nitrophenoxy)...	287	C15H13NO5	1000368-92-7	78
3		3,6,9,12-Tetraoxatetradecane-1,1...	446	C24H30O8	1000366-97-0	74
4		1-Triazene, 3,3-dimethyl-1-phenyl-	149	C8H11N3	007227-91-0	64
5		2,2'-(Ethane-1,2-diylbis(oxy))bi...	358	C20H22O6	1000366-99-4	64



Data Path : Z:\HPCHEM1\BNA G\DATA\BG091616\
Data File : BG024007.D
Acq On : 16 Sep 2016 23:48
Operator : UM/SJ
Sample : H4813-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-6

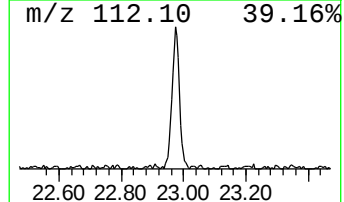
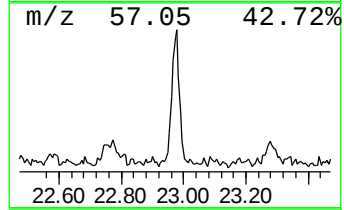
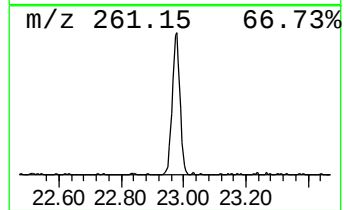
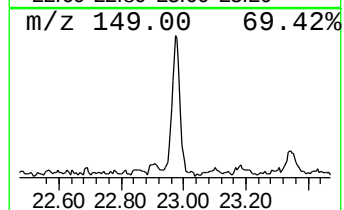
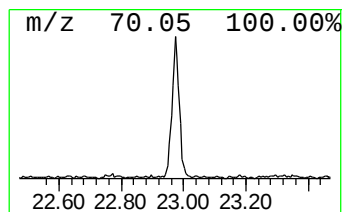
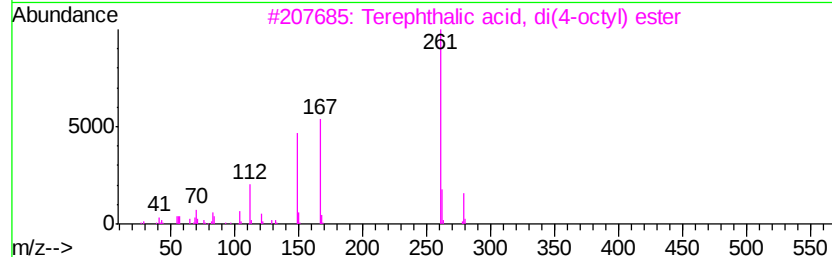
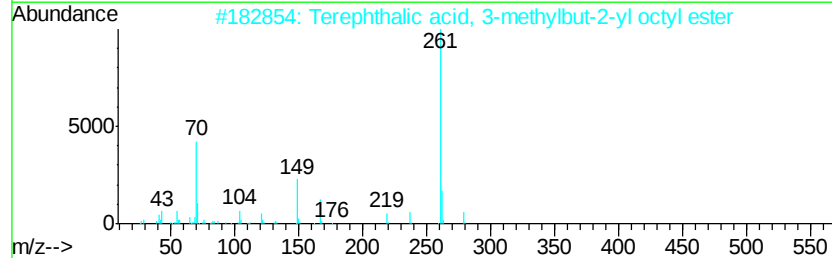
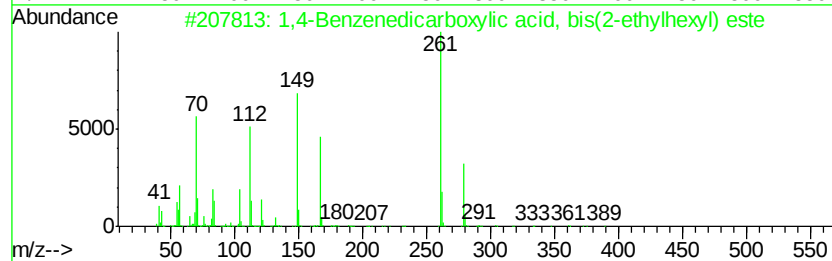
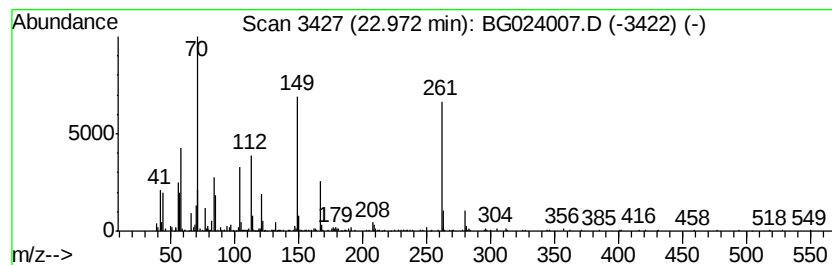
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 1,4-Benzenedicarboxylic aci... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.97	7.52 ng	532367	Chrysene-d12	21.80

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	53
2			Terephthalic acid, 3-methylbut-2...	348	C21H32O4	1000356-27-6	47
3			Terephthalic acid, di(4-octyl) e...	390	C24H38O4	1000323-74-2	38
4			Isophthalic acid, di(4-octyl) ester	390	C24H38O4	1000344-04-3	38
5			Terephthalic acid, 2-ethylhexyl ...	390	C24H38O4	1000324-00-5	35



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091616\
 Data File : BG024007.D
 Acq On : 16 Sep 2016 23:48
 Operator : UM/SJ
 Sample : H4813-12
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.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-Pentanone, 4-hy...	5.12	7.6	ng	133261	1	8.05	351161	20.0
unknown7.59	7.59	107.3	ng	1883740	1	8.05	351161	20.0
Octanoic acid	10.22	4.5	ng	118241	2	10.89	531058	20.0
Nonanoic acid	11.72	20.1	ng	534739	2	10.89	531058	20.0
Phthalic anhydride	12.70	5.2	ng	138226	2	10.89	531058	20.0
n-Decanoic acid	13.01	6.8	ng	305021	3	14.72	891424	20.0
Dodecanoic acid	15.14	8.2	ng	366658	3	14.72	891424	20.0
Benzenesulfonamid...	16.44	6.9	ng	407715	4	17.49	1180470	20.0
Isonitrosoacetoph...	16.53	19.5	ng	1151400	4	17.49	1180470	20.0
1,2-Benzenedicarb...	17.76	6.7	ng	394634	4	17.49	1180470	20.0
n-Hexadecanoic acid	18.37	6.3	ng	369493	4	17.49	1180470	20.0
Octadecanoic acid	19.64	7.5	ng	440468	4	17.49	1180470	20.0
Hexaethylene glycol	20.63	5.6	ng	395010	5	21.80	1416790	20.0
Ethanol, 2-butoxy...	20.87	162.3	ng	11497900	5	21.80	1416790	20.0
unknown21.44	21.44	4.0	ng	285977	5	21.80	1416790	20.0
Diethylene glycol...	21.50	52.1	ng	3692670	5	21.80	1416790	20.0
1,4-Benzenedicarb...	22.97	7.5	ng	532367	5	21.80	1416790	20.0