

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060415\
 Data File : BG017455.D
 Acq On : 4 Jun 2015 23:02
 Operator : TP/IZ
 Sample : G2501-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-10-6-2-15

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-BG060315.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.776	10	15	26	rVB	172767	214609	20.27%	4.037%
2	5.220	426	431	437	rVB	24690	34704	3.28%	0.653%
3	6.824	699	704	711	rVB	16176	25618	2.42%	0.482%
4	7.165	756	762	769	rBV	48098	75235	7.11%	1.415%
5	7.623	834	840	847	rBV	60771	91691	8.66%	1.725%
6	7.946	886	895	902	rBV	147351	235413	22.23%	4.428%
7	8.475	980	985	993	rVB2	13621	23408	2.21%	0.440%
8	8.692	1015	1022	1027	rBV	55423	88513	8.36%	1.665%
9	8.786	1032	1038	1047	rVB	134044	215449	20.35%	4.053%
10	10.420	1309	1316	1321	rBV	80246	138592	13.09%	2.607%
11	11.977	1575	1581	1586	rBV2	12442	18108	1.71%	0.341%
12	12.635	1683	1693	1702	rVB5	8950	16931	1.60%	0.318%
13	12.905	1732	1739	1746	rBV	376098	536790	50.70%	10.098%
14	13.645	1858	1865	1873	rBV6	7616	16852	1.59%	0.317%
15	13.939	1910	1915	1922	rBV4	6152	10706	1.01%	0.201%
16	14.292	1969	1975	1981	rBV2	128795	206426	19.50%	3.883%
17	15.255	2131	2139	2144	rBV5	5377	12733	1.20%	0.240%
18	15.784	2224	2229	2235	rBV2	102928	139962	13.22%	2.633%
19	16.042	2263	2273	2278	rBV5	20470	42292	3.99%	0.796%
20	16.131	2283	2288	2292	rBV	49202	62648	5.92%	1.179%
21	16.189	2293	2298	2304	rVB4	38256	73099	6.90%	1.375%
22	16.254	2304	2309	2312	rBV2	37366	53488	5.05%	1.006%
23	16.295	2312	2316	2320	rVB3	29359	36607	3.46%	0.689%
24	16.348	2320	2325	2326	rBV2	9846	11288	1.07%	0.212%
25	16.395	2331	2333	2337	rVB2	14168	14852	1.40%	0.279%
26	16.448	2337	2342	2349	rVB4	36155	68626	6.48%	1.291%
27	16.518	2349	2354	2358	rBV	53777	72655	6.86%	1.367%
28	16.589	2363	2366	2371	rVB	26531	36020	3.40%	0.678%
29	17.041	2437	2443	2449	rBV	195878	280600	26.50%	5.279%
30	17.429	2501	2509	2517	rBV4	35619	56857	5.37%	1.070%
31	17.946	2590	2597	2605	rBV	95350	137941	13.03%	2.595%
32	18.011	2605	2608	2613	rVB	14480	18061	1.71%	0.340%
33	18.369	2664	2669	2672	rBV7	10592	12629	1.19%	0.238%
34	18.804	2739	2743	2753	rBV	119859	171705	16.22%	3.230%

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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

Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	19.233	2812	2816	2824	rBV2	44313	61892	5.85%	1.164%
36	19.380	2837	2841	2845	rVB5	10196	13167	1.24%	0.248%
37	19.673	2886	2891	2897	rVB	839145	1058779	100.00%	19.917%
38	19.967	2935	2941	2944	rBV7	9946	18792	1.77%	0.354%
39	20.320	2994	3001	3005	rBV2	28268	36553	3.45%	0.688%
40	20.443	3019	3022	3025	rVB2	13637	12281	1.16%	0.231%
41	20.943	3104	3107	3118	rVB2	69036	103603	9.79%	1.949%
42	21.148	3138	3142	3146	rBV2	31044	32667	3.09%	0.615%
43	21.230	3151	3156	3164	rBV	290816	363159	34.30%	6.832%
44	22.400	3351	3355	3359	rBV5	14232	19984	1.89%	0.376%
45	23.463	3529	3536	3543	rBV	176985	343916	32.48%	6.470%

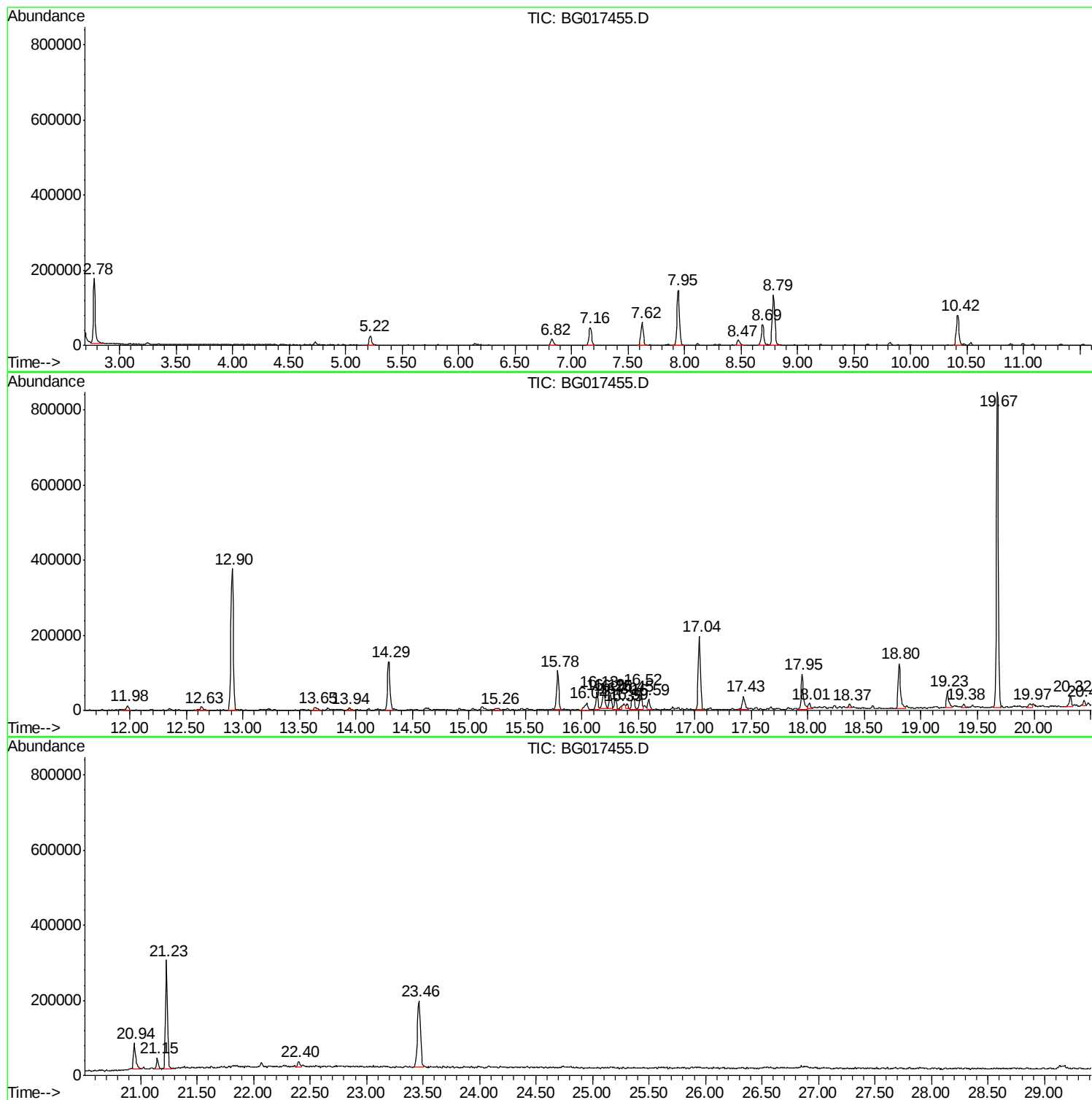
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Operator : TP/IZ
Sample : G2501-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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MW-10-6-2-15

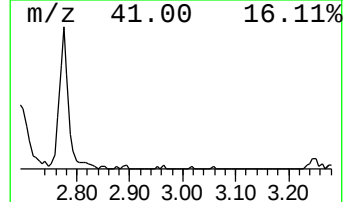
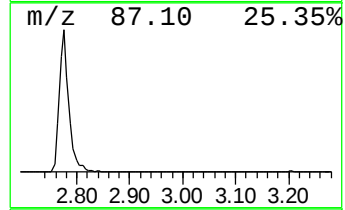
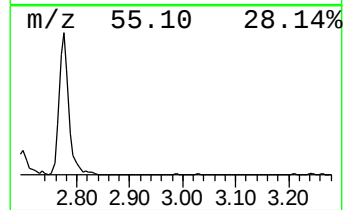
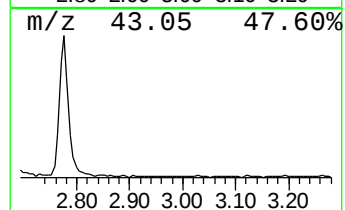
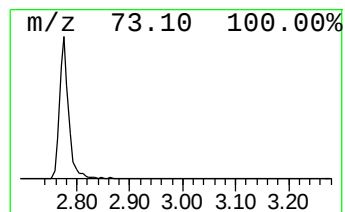
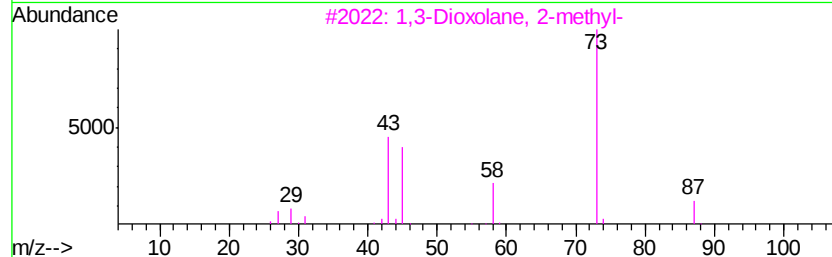
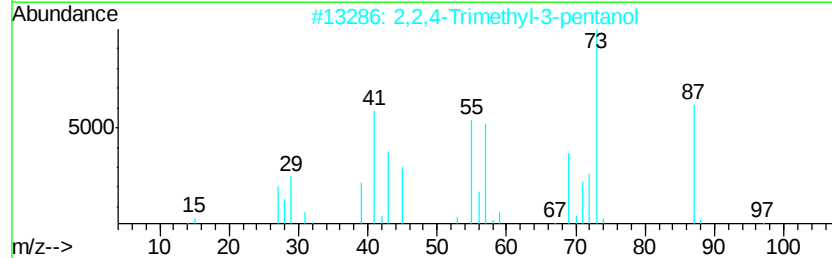
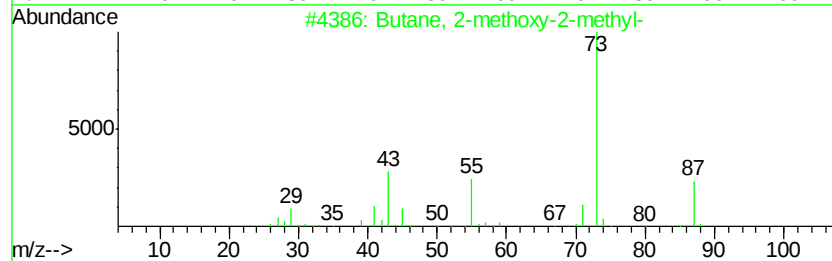
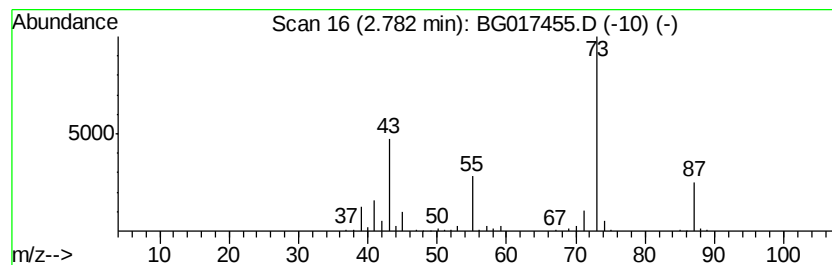
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.78	46.81 ng	214609	1,4-Dichlorobenzene-d4	7.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	43
3		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	32
4		N-Ethylformamide	73	C3H7NO	000627-45-2	9
5		2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	9



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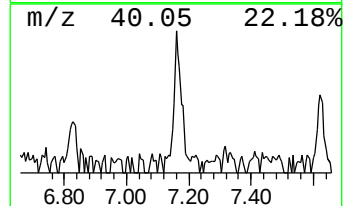
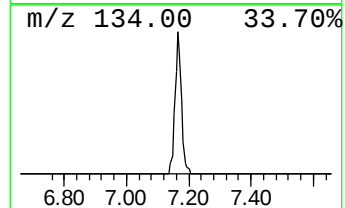
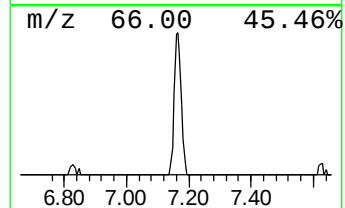
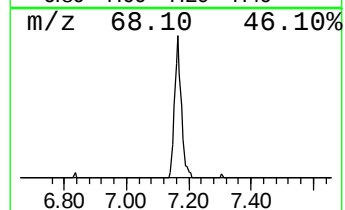
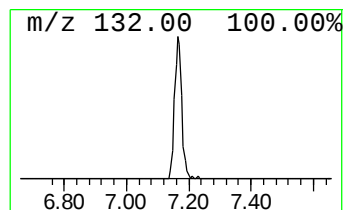
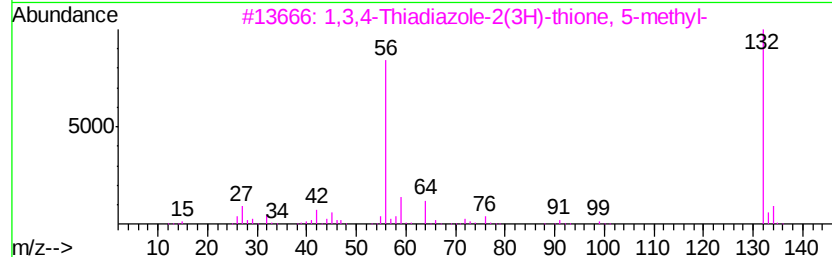
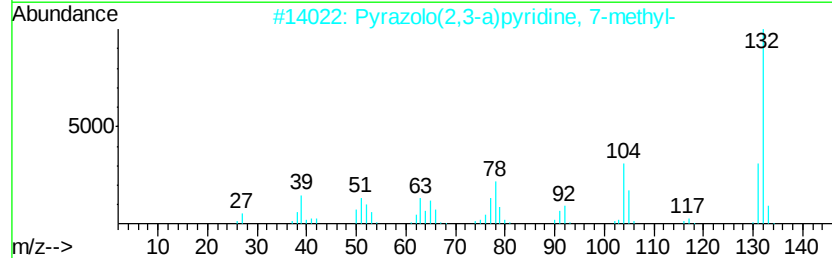
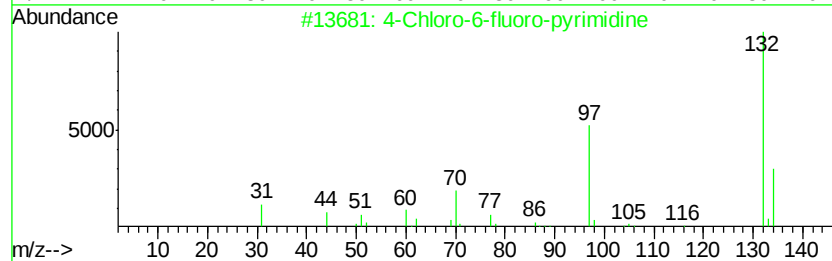
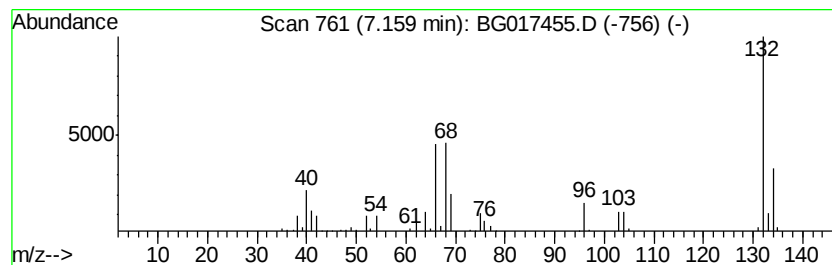
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown7.16 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.16	16.41 ng	75235	1,4-Dichlorobenzene-d4	7.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2		Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	27
3		1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	27
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	27
5		1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	25



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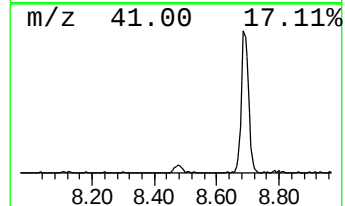
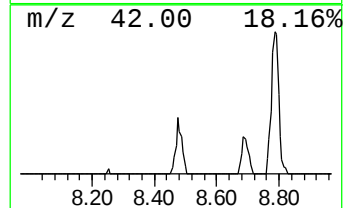
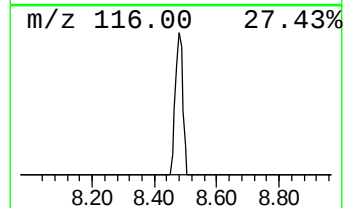
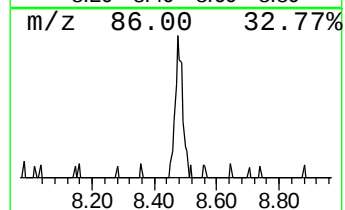
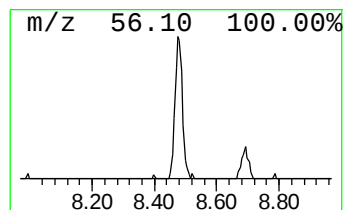
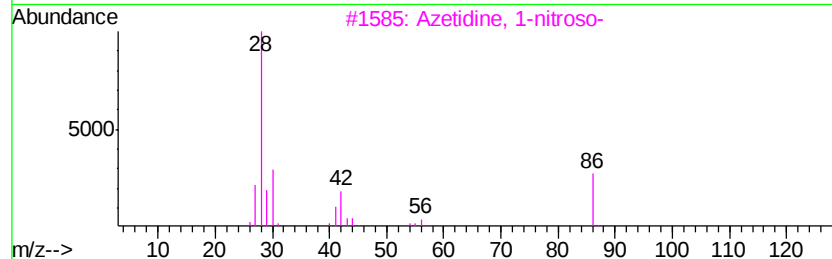
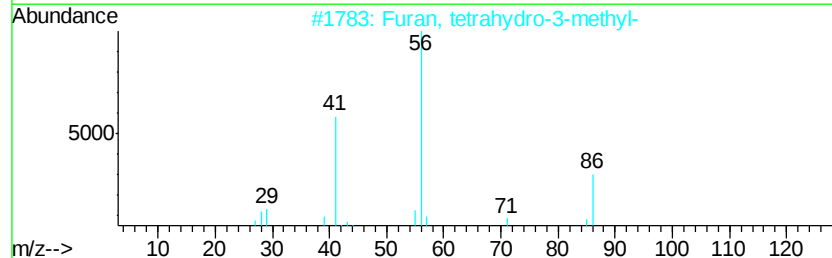
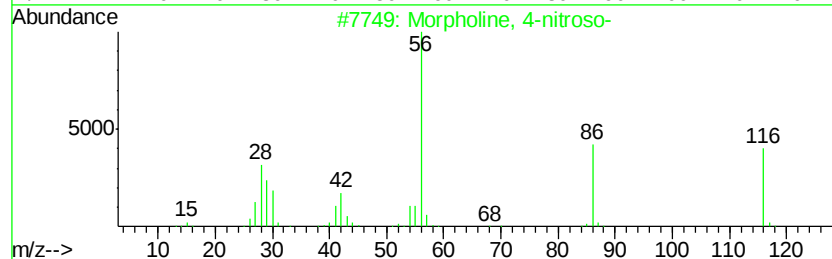
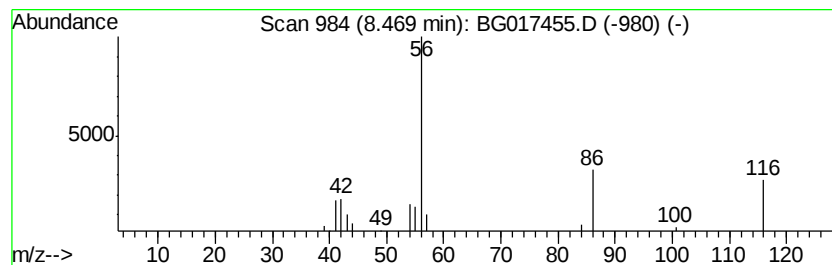
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Morpholine, 4-nitroso- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.47	5.11 ng	23408	1,4-Dichlorobenzene-d4	7.62

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Morpholine, 4-nitroso-	116	C4H8N2O2	000059-89-2	64
2			Furan, tetrahydro-3-methyl-	86	C5H10O	013423-15-9	9
3			Azetidine, 1-nitroso-	86	C3H6N2O	015216-10-1	9
4			Methanamine, N-(1-methylbutylidene...	99	C6H13N	022431-09-0	4
5			Oxetane, 3,3-dimethyl-	86	C5H10O	006921-35-3	4



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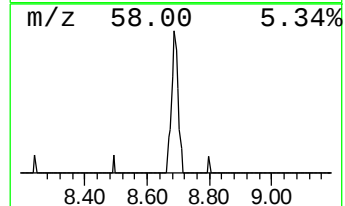
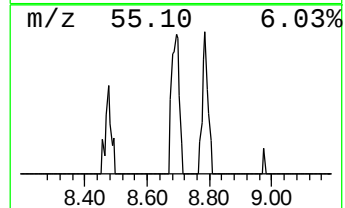
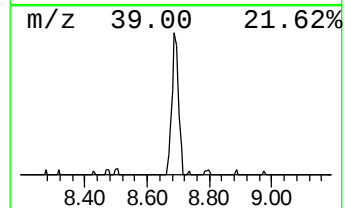
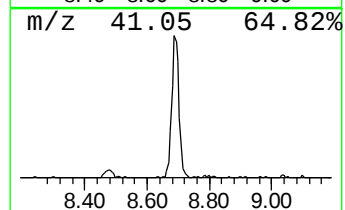
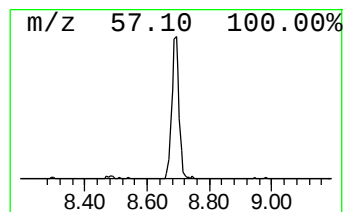
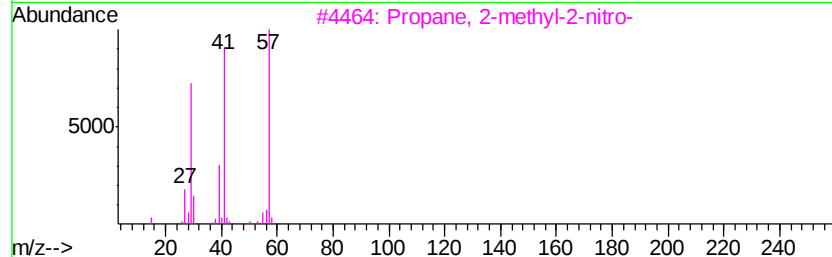
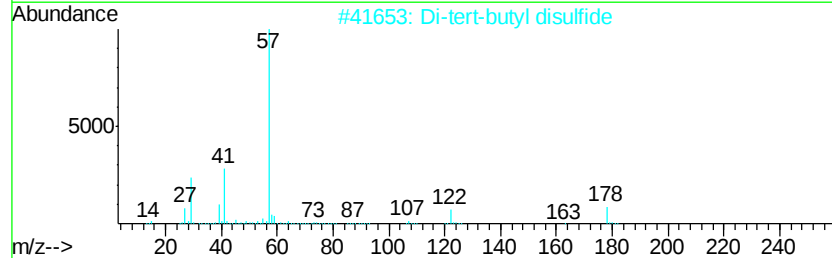
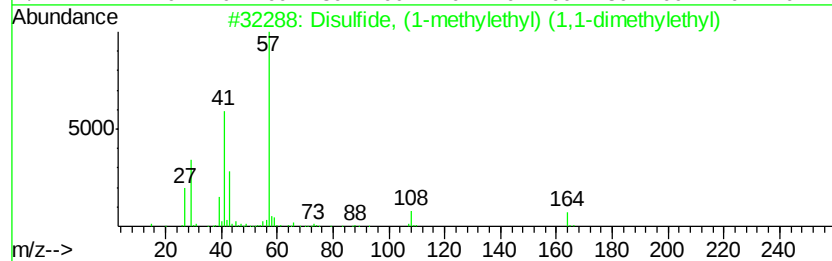
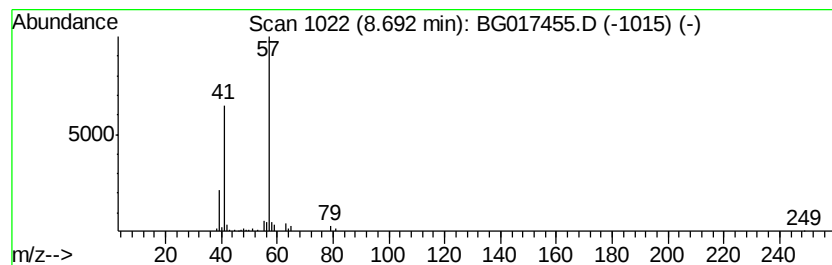
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Disulfide, (1-methylethyl) ... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.69	19.31 ng	88513	1,4-Dichlorobenzene-d4	7.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Disulfide, (1-methylethyl) (1,1-...	164	C7H16S2	043022-60-2	50
2		Di-tert-butyl disulfide	178	C8H18S2	000110-06-5	50
3		Propane, 2-methyl-2-nitro-	103	C4H9NO2	000594-70-7	35
4		Disulfide, 1,1-dimethylethyl ethyl	150	C6H14S2	004151-69-3	33
5		Butane, 1-chloro-3,3-dimethyl-	120	C6H13Cl	002855-08-5	28



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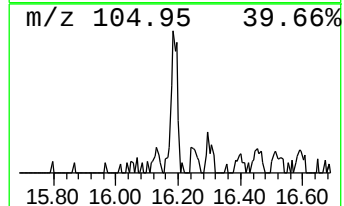
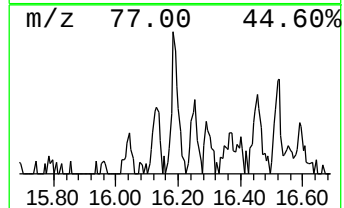
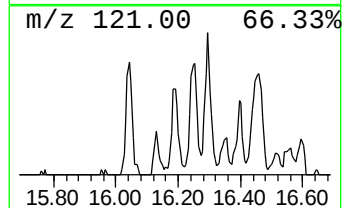
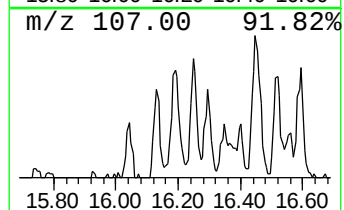
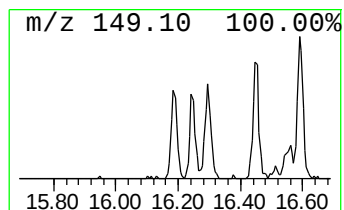
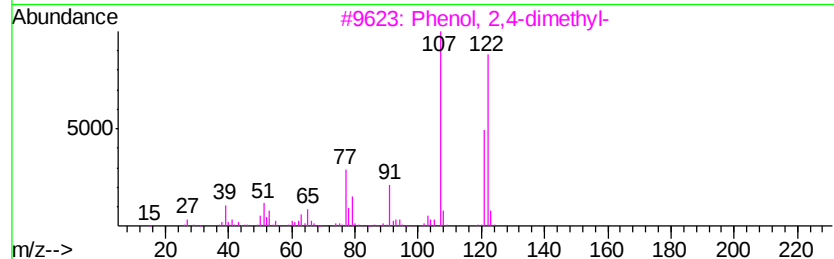
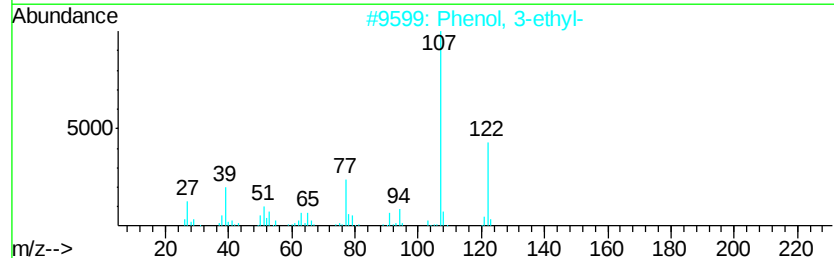
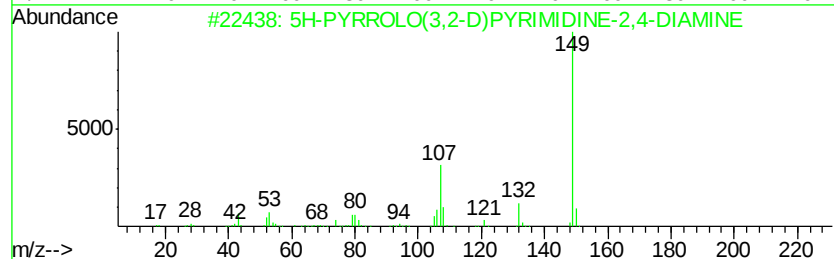
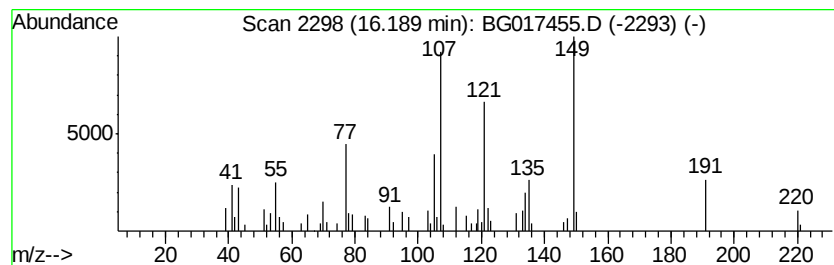
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown16.19 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.19	5.21 ng	73099	Phenanthrene-d10	17.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5H-PYRROLO(3,2-D)PYRIMIDINE-2,4-...	149	C6H7N5	1000244-21-4	43
2		Phenol, 3-ethyl-	122	C8H10O	000620-17-7	27
3		Phenol, 2,4-dimethyl-	122	C8H10O	000105-67-9	27
4		Tricyclo[4.3.1.1(3,8)]undecane-3...	208	C13H20O2	031061-61-7	27
5		.alpha.-Isopropylbenzyl alcohol	150	C10H14O	000611-69-8	25



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060415\
Data File : BG017455.D
Acq On : 4 Jun 2015 23:02
Operator : TP/IZ
Sample : G2501-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-10-6-2-15

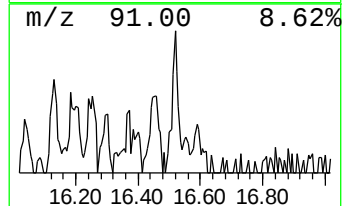
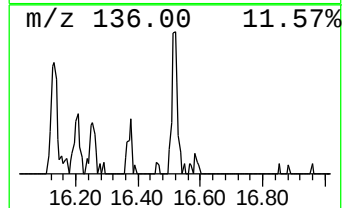
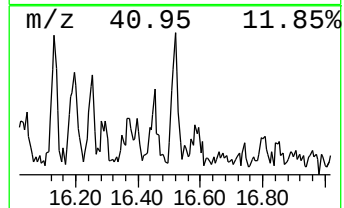
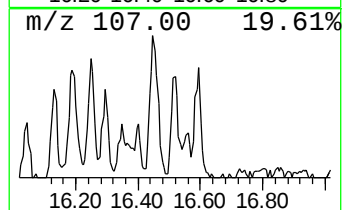
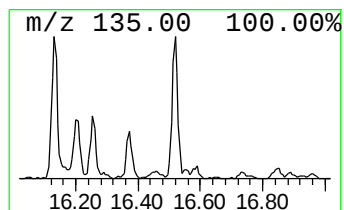
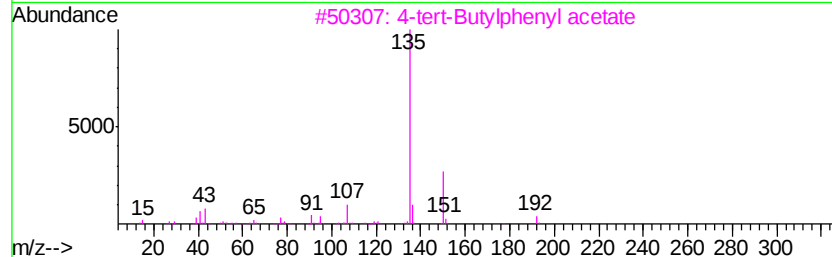
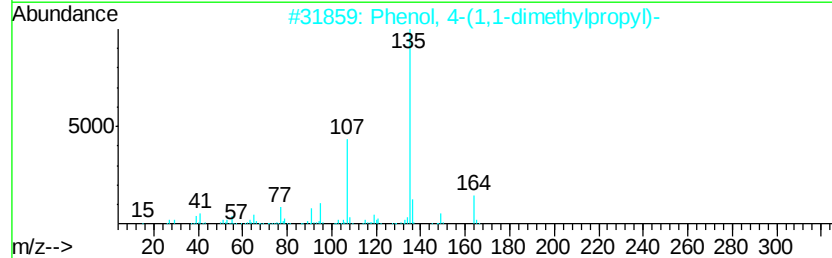
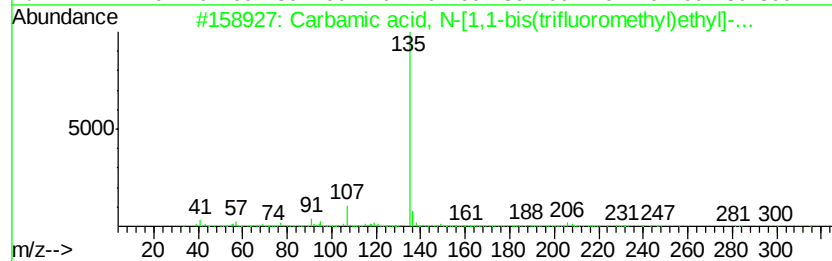
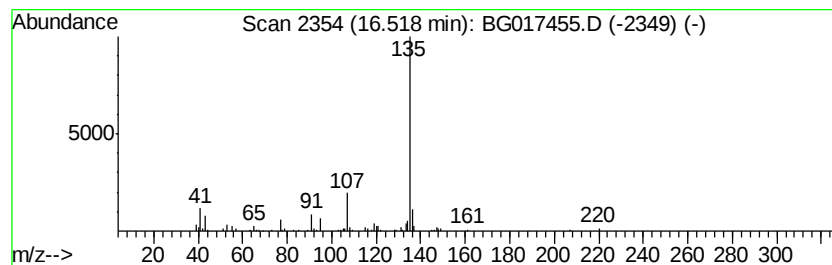
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Carbamic acid, N-[1,1-bis(t... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.52	5.18 ng	72655	Phenanthrene-d10	17.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Carbamic acid, N-[1,1-bis(triflu...	413	C19H25F6N02	296242-69-8	78
2		Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	78
3		4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	72
4		Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	64
5		Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	64



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060415\
Data File : BG017455.D
Acq On : 4 Jun 2015 23:02
Operator : TP/IZ
Sample : G2501-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

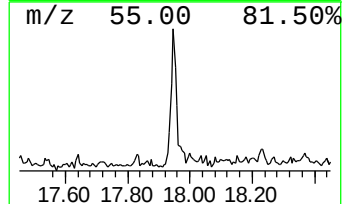
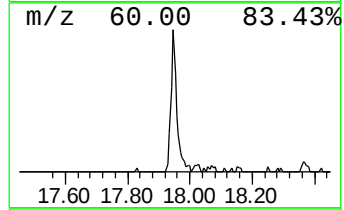
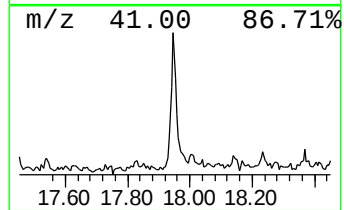
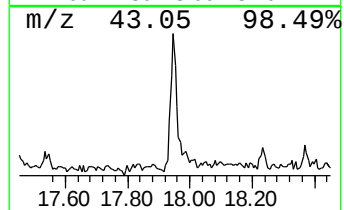
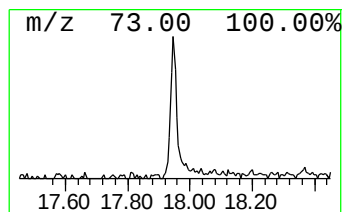
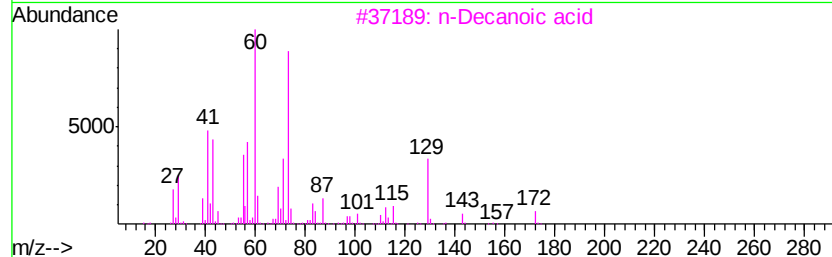
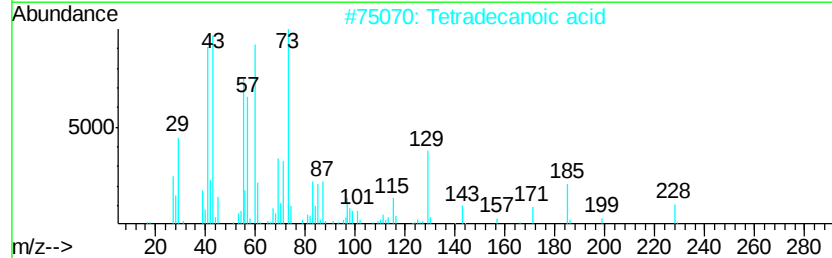
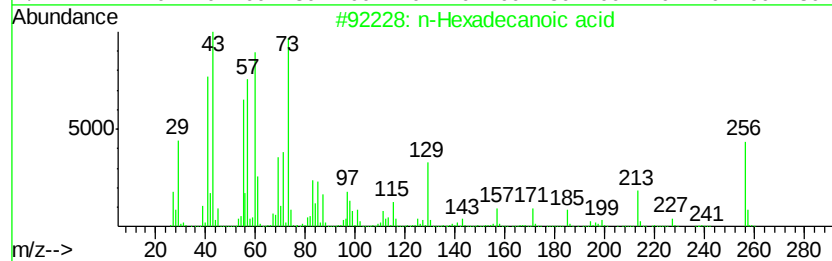
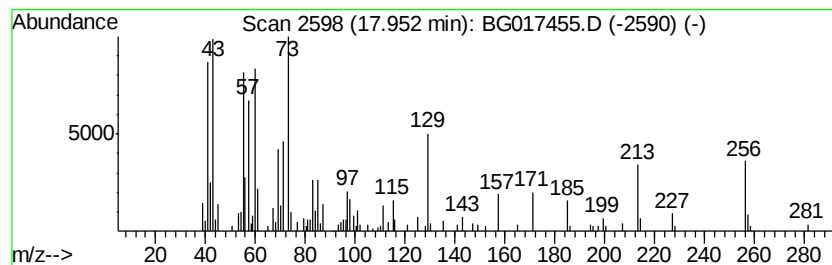
Instrument :
BNA_G
ClientSampleId :
MW-10-6-2-15

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.95	9.83 ng	137941	Phenanthrene-d10	17.04	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	76
3	n-Decanoic acid	172	C10H20O2	000334-48-5	64
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
5	Dodecanoic acid	200	C12H24O2	000143-07-7	58



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060415\
Data File : BG017455.D
Acq On : 4 Jun 2015 23:02
Operator : TP/IZ
Sample : G2501-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

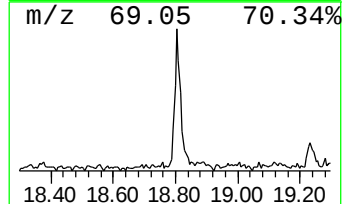
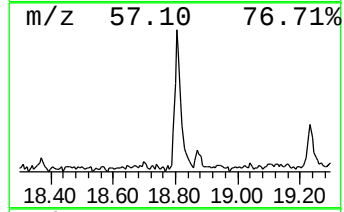
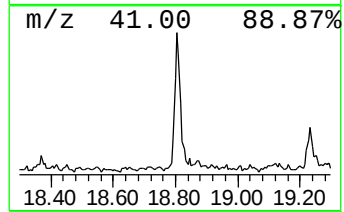
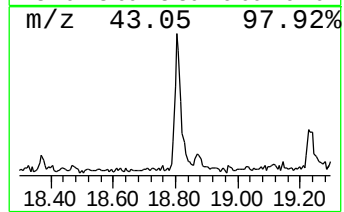
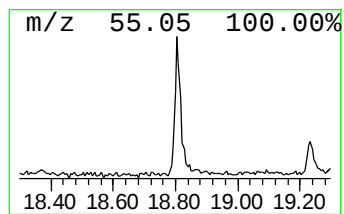
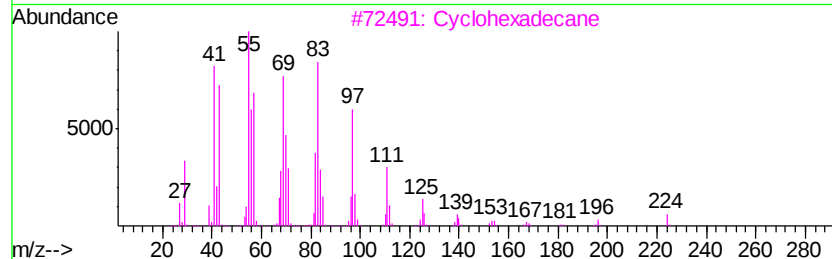
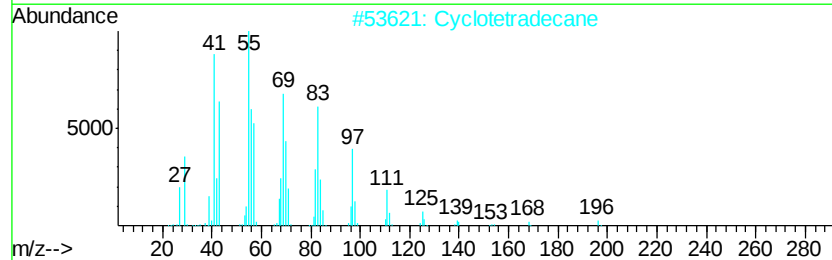
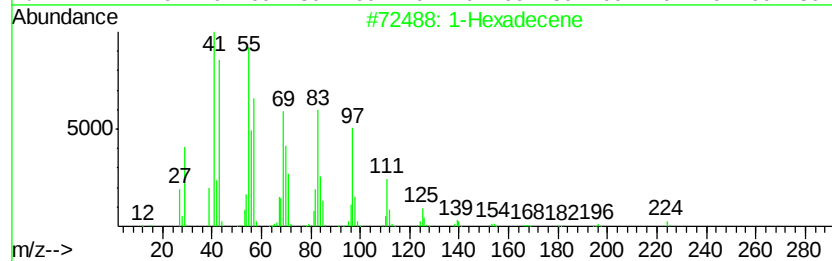
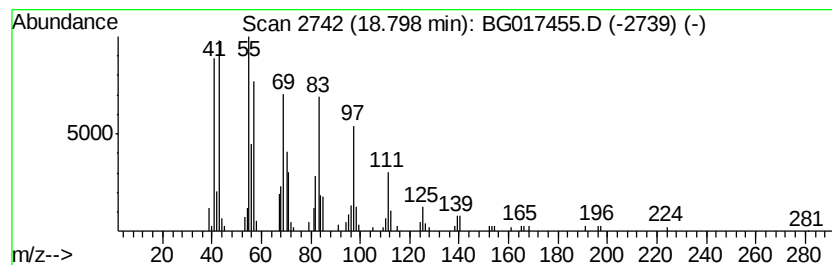
Instrument :
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ClientSampleId :
MW-10-6-2-15

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 1-Hexadecene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.80	12.24 ng	171705	Phenanthrene-d10	17.04	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecene	224	C16H32	000629-73-2	96
2	Cyclotetradecane	196	C14H28	000295-17-0	96
3	Cyclohexadecane	224	C16H32	000295-65-8	95
4	3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	91
5	1-Nonadecene	266	C19H38	018435-45-5	91



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060415\
Data File : BG017455.D
Acq On : 4 Jun 2015 23:02
Operator : TP/IZ
Sample : G2501-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-10-6-2-15

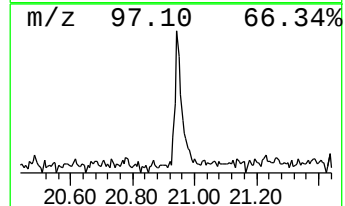
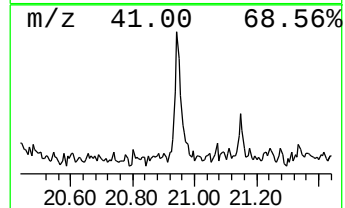
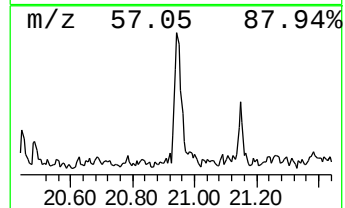
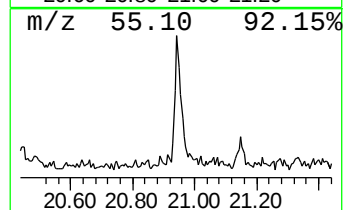
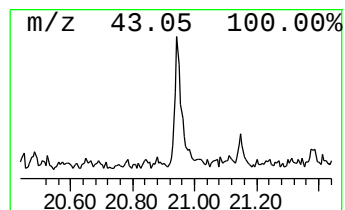
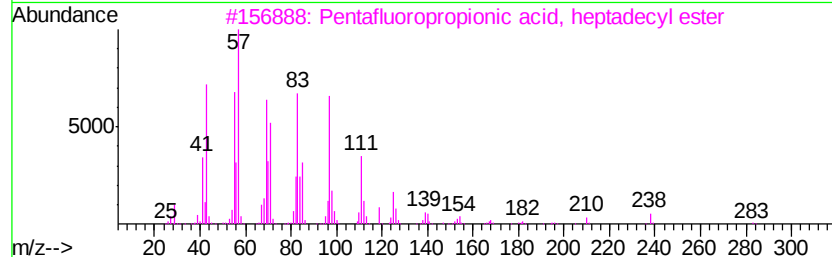
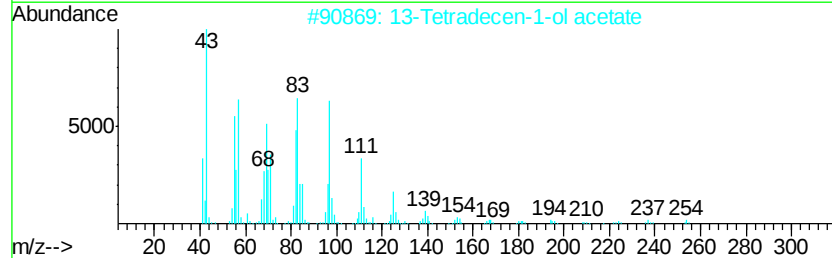
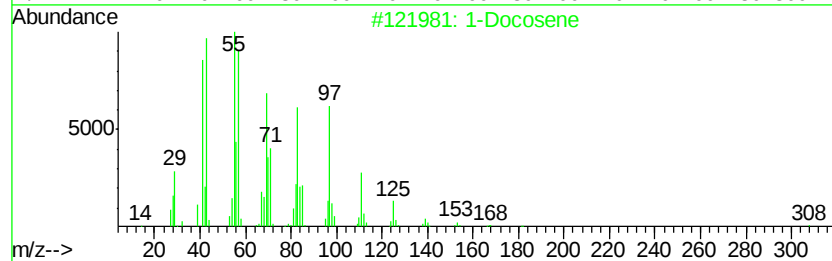
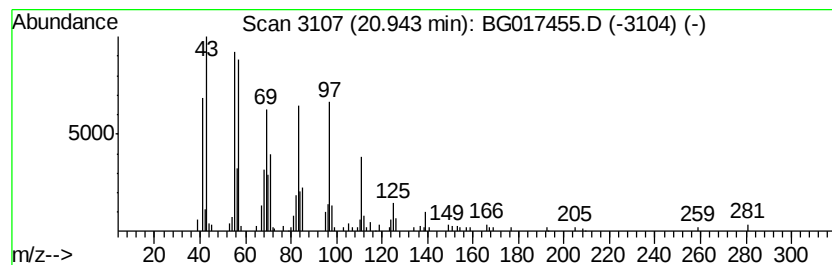
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 1-Docosene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	5.71 ng	103603	Chrysene-d12	21.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Docosene	308	C22H44	001599-67-3	87
2			13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	87
3			Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	87
4			1-Octadecanol	270	C18H38O	000112-92-5	87
5			2-Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	87



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060415\
Data File : BG017455.D
Acq On : 4 Jun 2015 23:02
Operator : TP/IZ
Sample : G2501-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-10-6-2-15

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	2.78	46.8	ng	214609	1	7.62	91691	20.0
unknown7.16	7.16	16.4	ng	75235	1	7.62	91691	20.0
Morpholine, 4-nit...	8.47	5.1	ng	23408	1	7.62	91691	20.0
Disulfide, (1-met...	8.69	19.3	ng	88513	1	7.62	91691	20.0
unknown16.19	16.19	5.2	ng	73099	4	17.04	280600	20.0
Carbamic acid, N-...	16.52	5.2	ng	72655	4	17.04	280600	20.0
n-Hexadecanoic acid	17.95	9.8	ng	137941	4	17.04	280600	20.0
1-Hexadecene	18.80	12.2	ng	171705	4	17.04	280600	20.0
1-Docosene	20.94	5.7	ng	103603	5	21.23	363159	20.0