

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121015\
 Data File : BG020057.D
 Acq On : 9 Dec 2015 23:49
 Operator : UM/SJ
 Sample : G4659-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A8-1C

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-BG120215.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	2.990	21	26	46	rVB	1155583	1632239	89.99%	12.770%
2	5.182	392	399	406	rBV	80793	124115	6.84%	0.971%
3	5.658	473	480	490	rVB	433444	672136	37.06%	5.259%
4	7.262	746	753	763	rBV	459685	777219	42.85%	6.081%
5	7.638	809	817	826	rVB	440451	752278	41.47%	5.886%
6	8.108	888	897	904	rBV	63819	107201	5.91%	0.839%
7	8.437	946	953	962	rVB	312673	537558	29.64%	4.206%
8	9.277	1088	1096	1107	rBV	274408	481751	26.56%	3.769%
9	10.928	1370	1377	1384	rBV	91825	161342	8.90%	1.262%
10	13.366	1785	1792	1799	rVB	758416	1157252	63.80%	9.054%
11	14.183	1925	1931	1938	rBV	110706	156159	8.61%	1.222%
12	14.735	2019	2025	2033	rVB2	153247	262766	14.49%	2.056%
13	15.564	2162	2166	2172	rVB	14082	18552	1.02%	0.145%
14	16.222	2269	2278	2286	rBV	726862	1041498	57.42%	8.149%
15	16.428	2308	2313	2316	rBV	15819	21951	1.21%	0.172%
16	17.479	2485	2492	2497	rBV	210704	314219	17.32%	2.458%
17	17.520	2497	2499	2504	rVB	17767	20395	1.12%	0.160%
18	18.349	2635	2640	2645	rBV2	78063	99478	5.48%	0.778%
19	18.742	2703	2707	2710	rBV2	20159	26700	1.47%	0.209%
20	19.224	2785	2789	2793	rBV2	19318	22480	1.24%	0.176%
21	19.459	2824	2829	2834	rBV8	14943	29791	1.64%	0.233%
22	19.524	2835	2840	2843	rVV	47502	67867	3.74%	0.531%
23	19.559	2843	2846	2849	rVV3	19226	20700	1.14%	0.162%
24	19.618	2849	2856	2860	rVV4	90631	130933	7.22%	1.024%
25	19.665	2860	2864	2869	rVB	186091	249383	13.75%	1.951%
26	19.829	2886	2892	2894	rBV2	182170	251578	13.87%	1.968%
27	19.853	2894	2896	2900	rVB2	125531	149781	8.26%	1.172%
28	19.982	2915	2918	2923	rVB	36627	46529	2.57%	0.364%
29	20.082	2929	2935	2940	rBV	1389687	1813835	100.00%	14.191%
30	20.487	2999	3004	3008	rVB4	26350	32759	1.81%	0.256%
31	20.587	3017	3021	3025	rVB3	48972	60175	3.32%	0.471%
32	20.799	3052	3057	3063	rBV3	55447	77076	4.25%	0.603%
33	21.375	3151	3155	3167	rVB5	35003	65868	3.63%	0.515%
34	21.627	3194	3198	3203	rVB	37219	47191	2.60%	0.369%

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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

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Peak separation: 5

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35	21.751	3212	3219	3224	rBV	251032	457288	25.21%	3.578%
36	21.792	3224	3226	3233	rVB	23425	38404	2.12%	0.300%
37	23.243	3467	3473	3483	rVB2	82107	169396	9.34%	1.325%
38	23.983	3594	3599	3608	rBV2	14374	37410	2.06%	0.293%
39	24.712	3721	3723	3731	rVB4	13503	28429	1.57%	0.222%
40	24.871	3745	3750	3754	rBV2	9533	18711	1.03%	0.146%
41	25.035	3767	3778	3788	rBV2	133758	407985	22.49%	3.192%
42	26.210	3968	3978	3991	rBV2	62298	193048	10.64%	1.510%

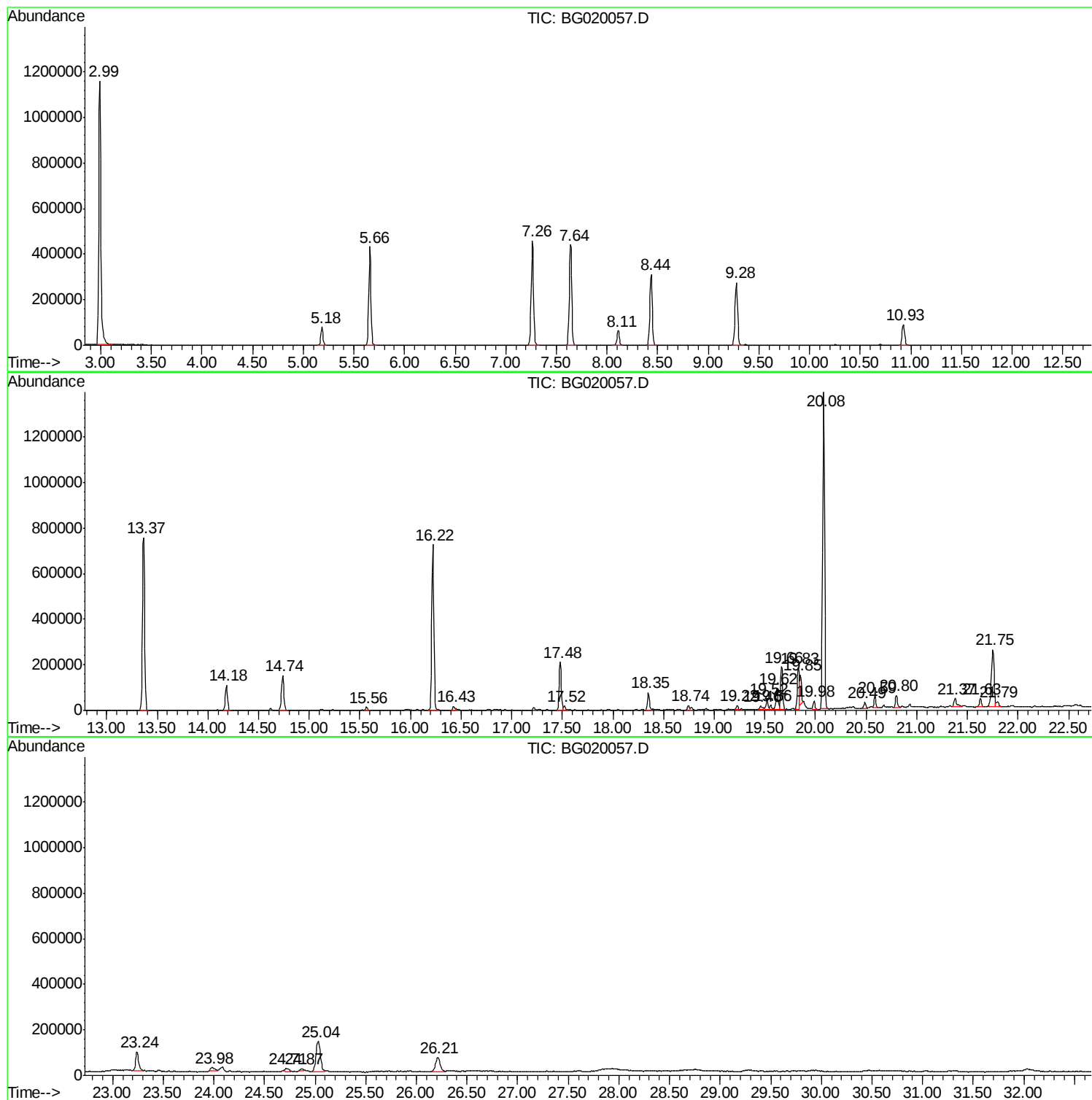
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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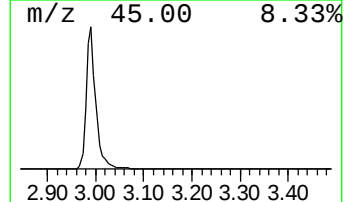
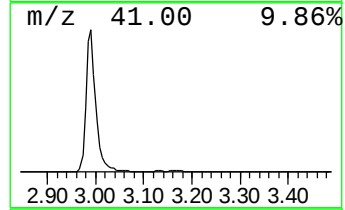
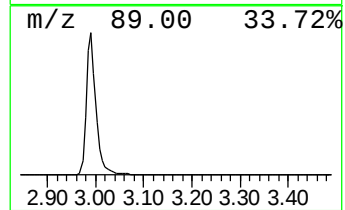
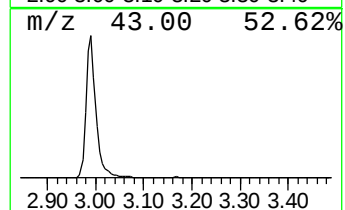
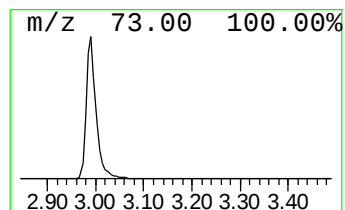
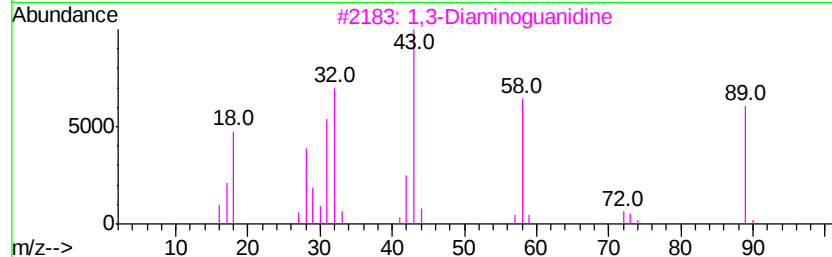
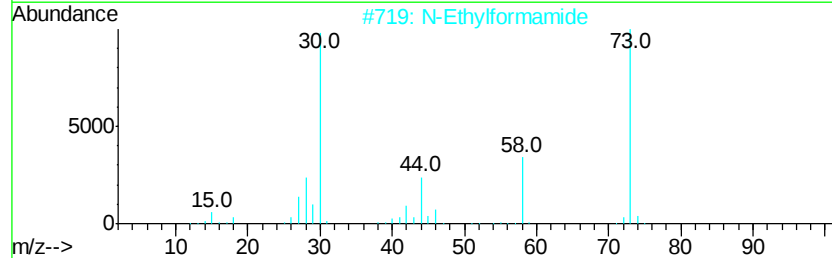
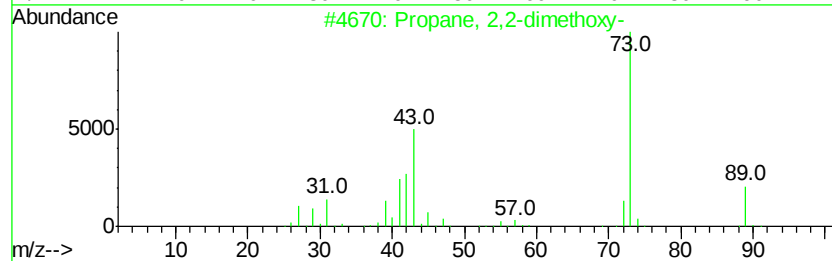
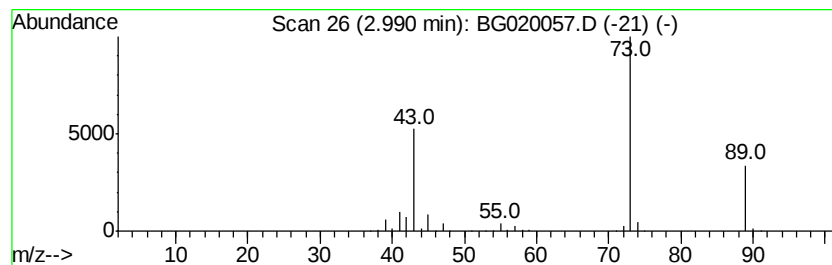
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown2.99 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.99	304.52 ng	1632240	1,4-Dichlorobenzene-d4	8.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	38
2		N-Ethylformamide	73	C3H7NO	000627-45-2	9
3		1,3-Diaminoquanidine	89	CH7N5	004364-78-7	9
4		1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9
5		2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9



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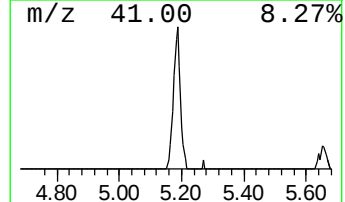
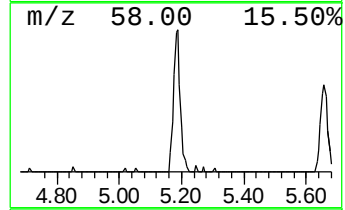
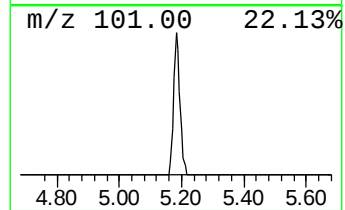
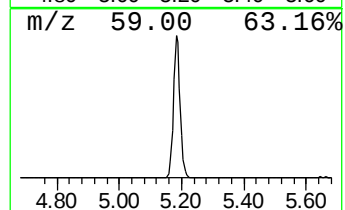
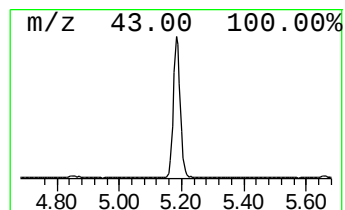
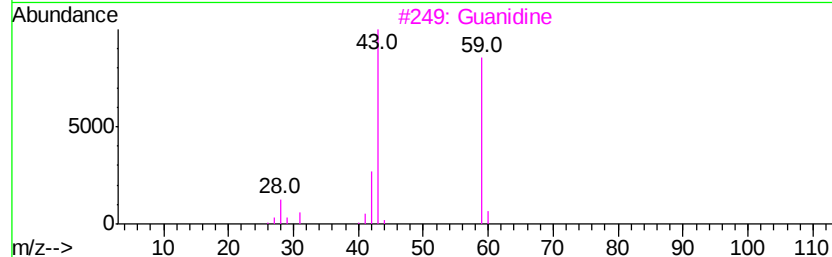
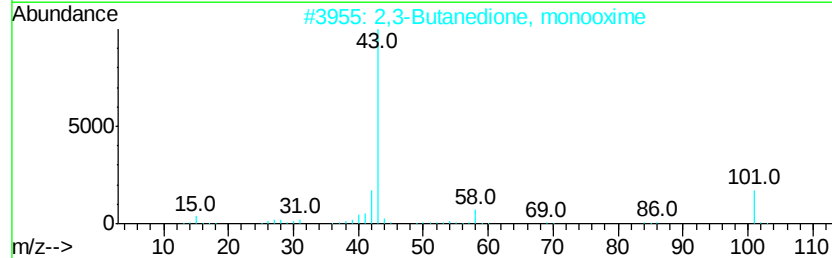
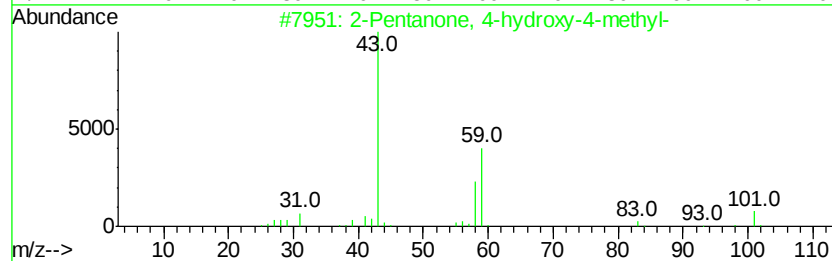
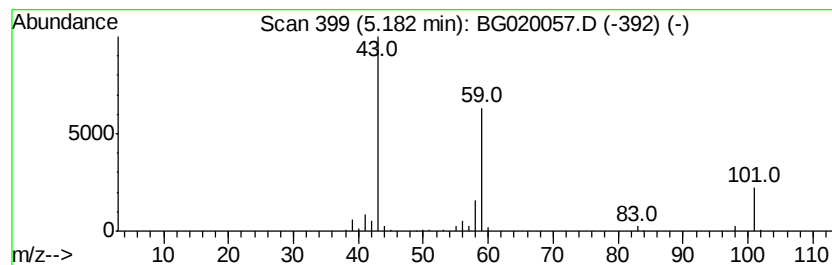
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Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	23.16 ng	124115	1,4-Dichlorobenzene-d4	8.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
3		Guanidine	59	CH5N3	000113-00-8	9
4		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9
5		Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	9



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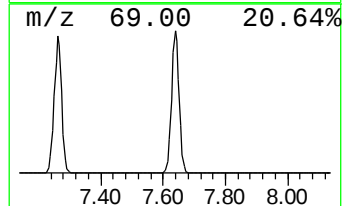
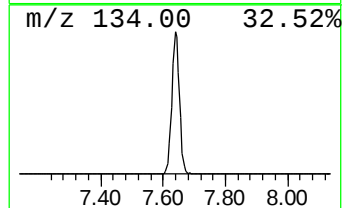
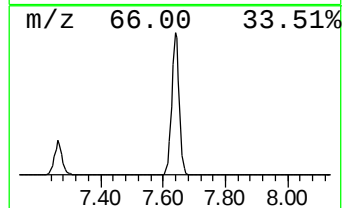
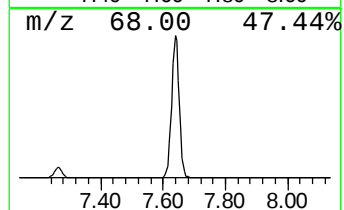
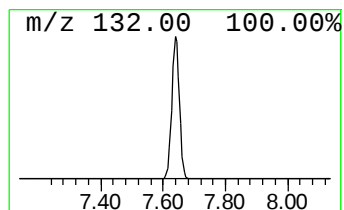
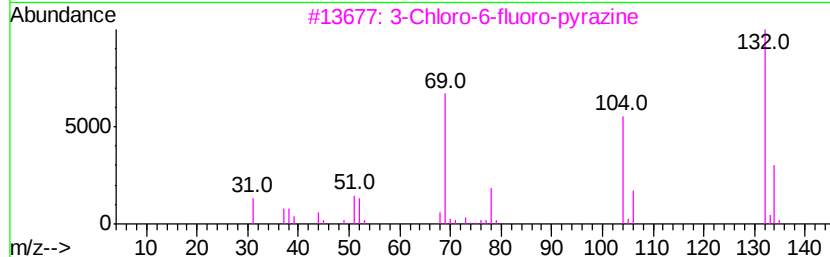
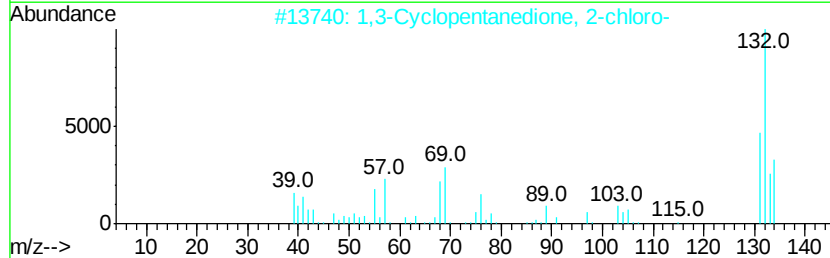
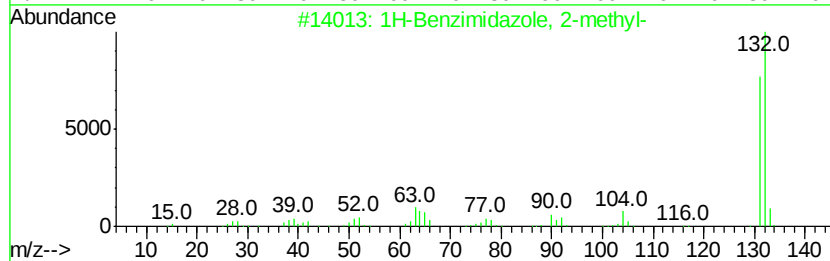
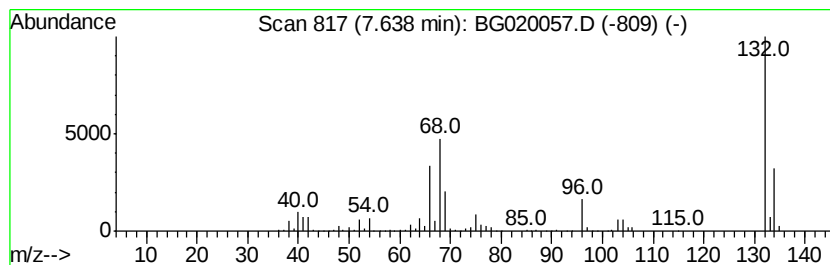
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown7.64 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.64	140.35 ng	752278	1,4-Dichlorobenzene-d4	8.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
2		1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	17
3		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5		(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10



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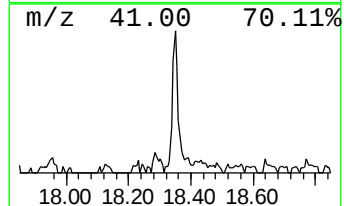
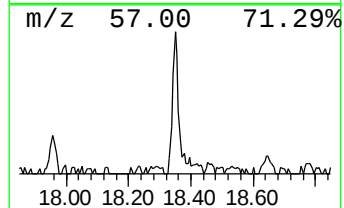
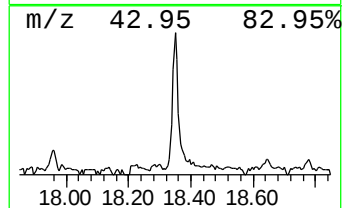
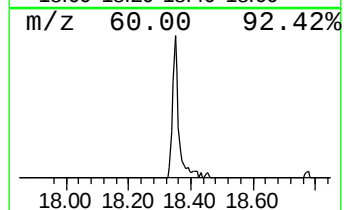
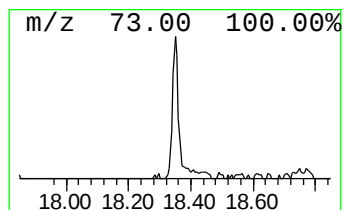
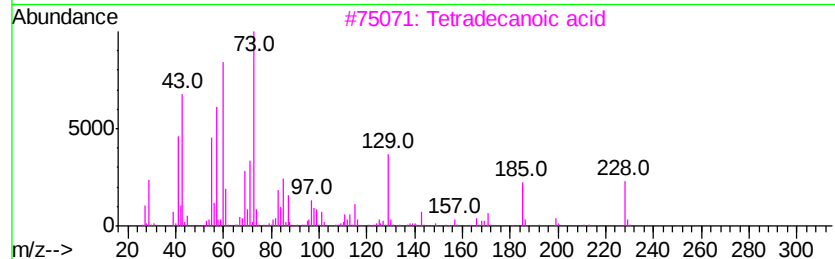
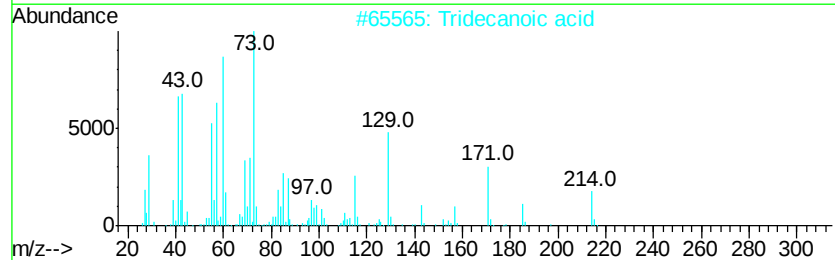
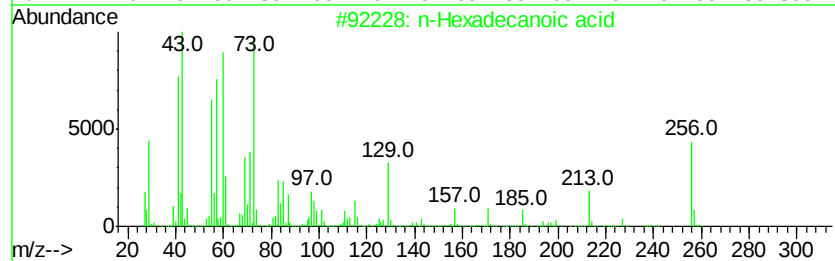
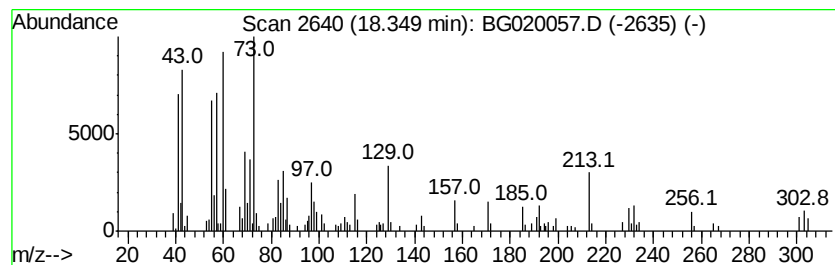
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.35	6.33 ng	99478	Phenanthrene-d10	17.48

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Tridecanoic acid	214	C13H26O2	000638-53-9	90
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	52
4		Dodecanoic acid	200	C12H24O2	000143-07-7	50
5		n-Decanoic acid	172	C10H20O2	000334-48-5	49



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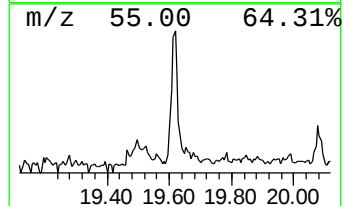
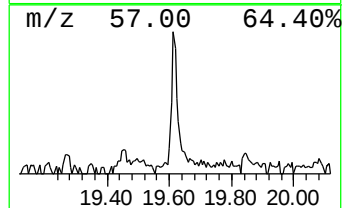
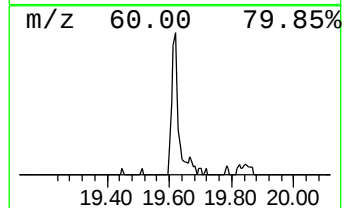
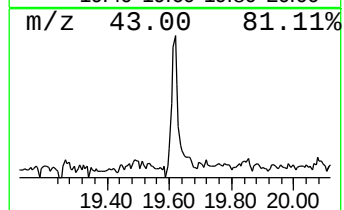
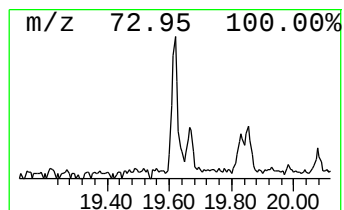
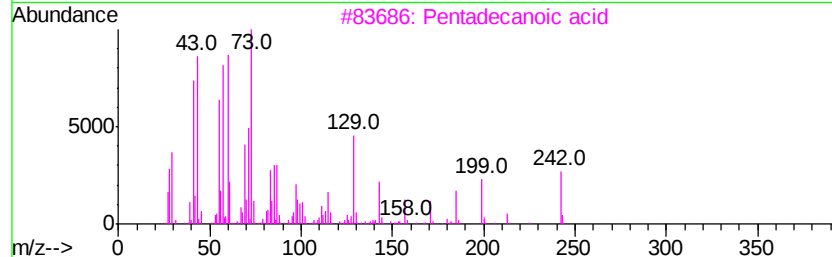
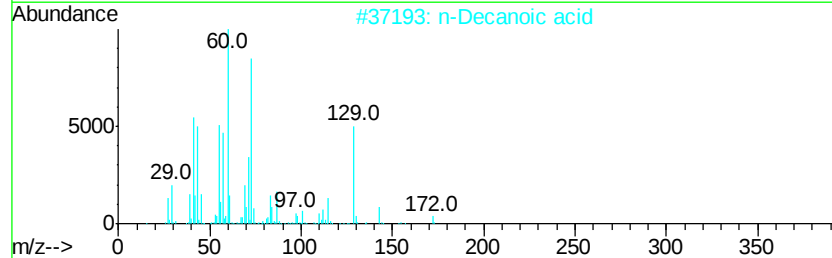
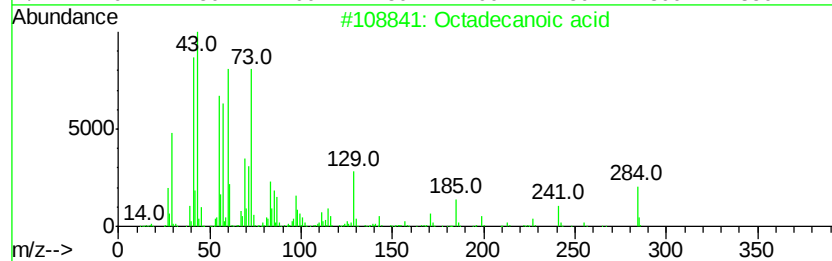
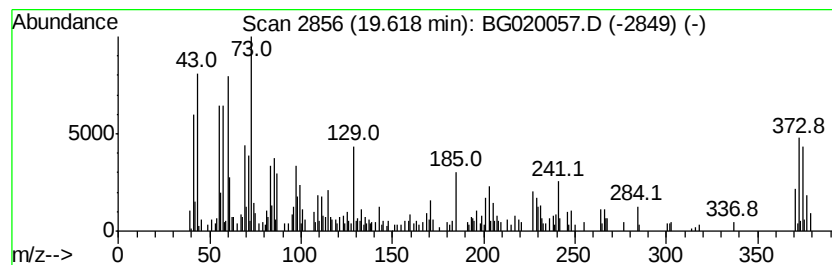
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Octadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.62	5.73 ng	130933	Chrysene-d12	21.75

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	86
2		n-Decanoic acid	172	C10H20O2	000334-48-5	46
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	41
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	38
5		Dodecanoic acid	200	C12H24O2	000143-07-7	38



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121015\
Data File : BG020057.D
Acq On : 9 Dec 2015 23:49
Operator : UM/SJ
Sample : G4659-01
Misc :
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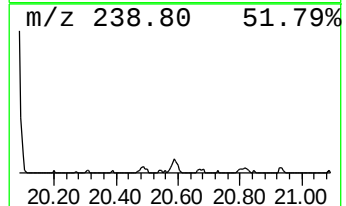
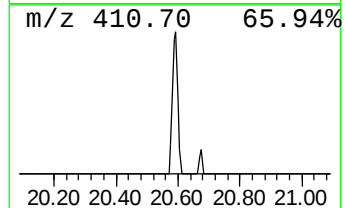
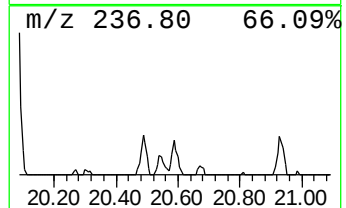
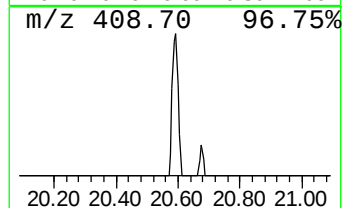
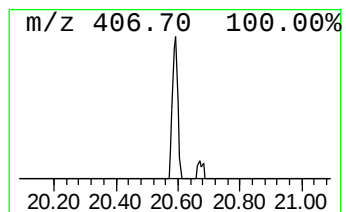
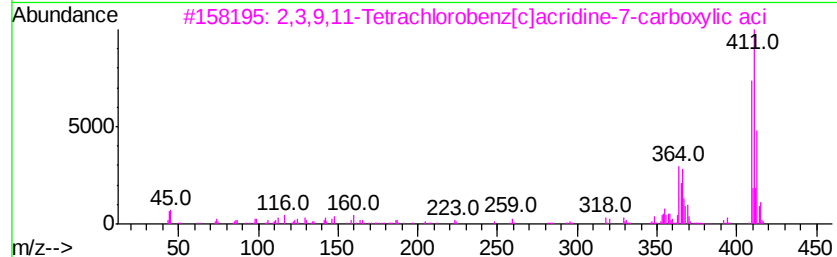
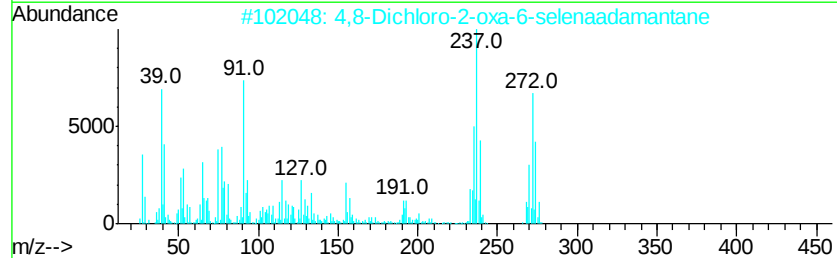
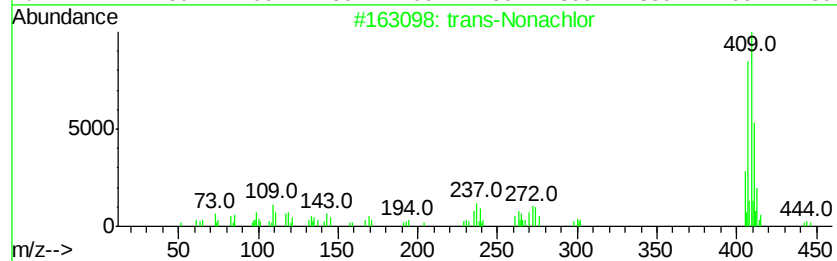
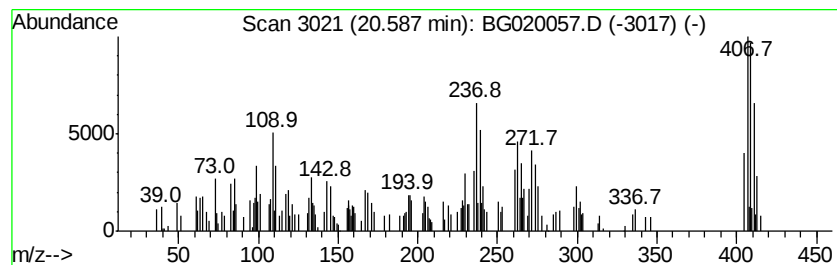
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 trans-Nonachlor Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD		R.T.		
20.59	2.63 ng	60175	Chrysene-d12		21.75		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-Nonachlor			440	C10H5Cl9	039765-80-5	90
2	4,8-Dichloro-2-oxa-6-selenaadama...			272	C8H10Cl2OSe	1000189-96-4	44
3	2,3,9,11-Tetrachlorobenz[clacrid...			409	C18H7Cl4N02	034623-48-8	10
4	10-Ethyl-3-chloro-7-(N-p-nitro-b...			409	C21H16ClN3O2S	1000074-50-8	10
5	Dibenz[d,f]cycloheptane, 5-[N-TF...			409	C21H22F3N04	1000126-92-4	10



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121015\
Data File : BG020057.D
Acq On : 9 Dec 2015 23:49
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Sample : G4659-01
Misc :
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Instrument :
BNA_G
ClientSampleId :
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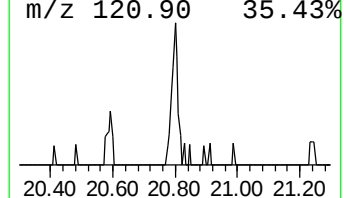
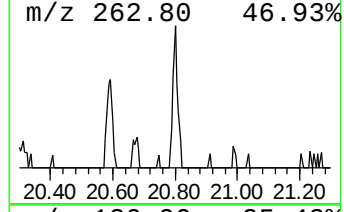
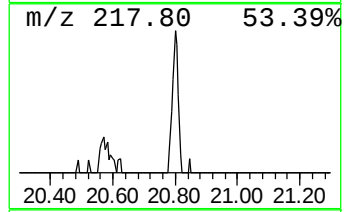
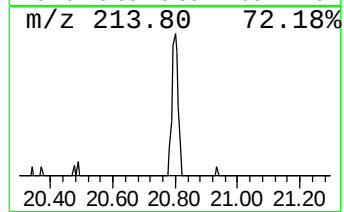
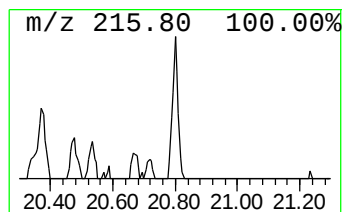
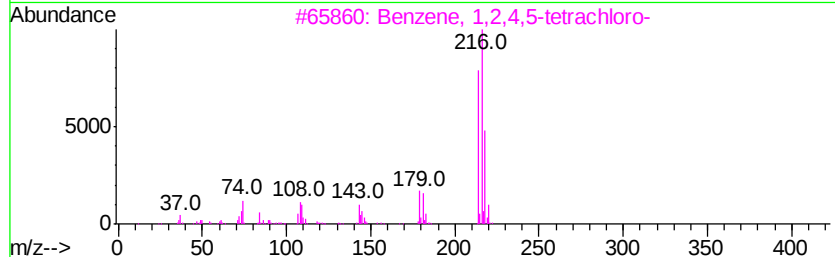
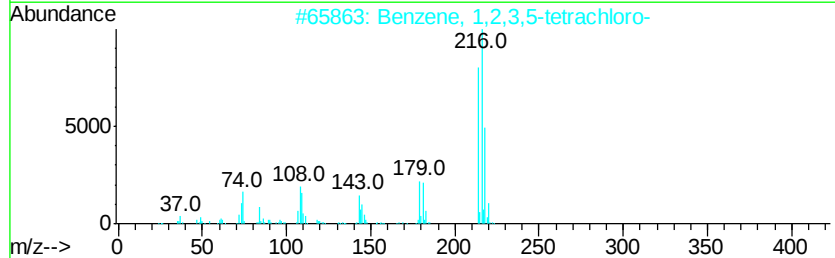
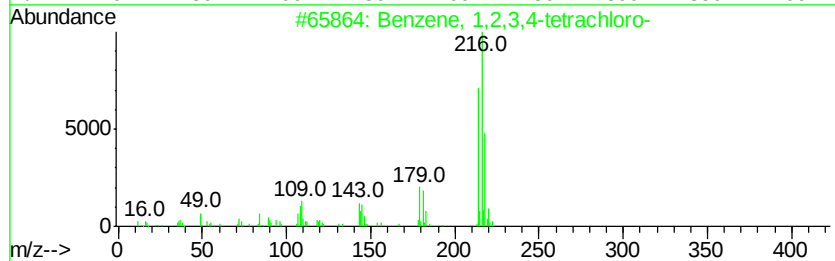
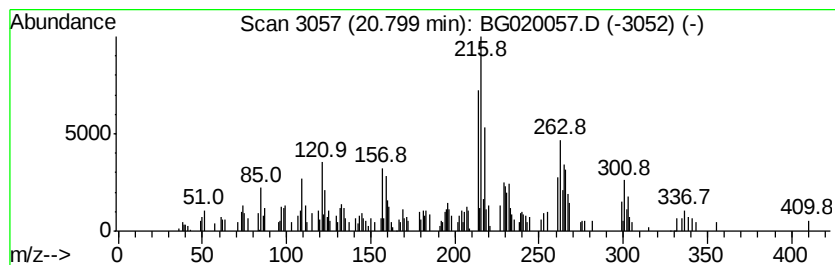
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzene, 1,2,3,4-tetrachloro- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.80	3.37 ng	77076	Chrysene-d12	21.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3,4-tetrachloro-	214	C6H2Cl4	000634-66-2	50
2		Benzene, 1,2,3,5-tetrachloro-	214	C6H2Cl4	000634-90-2	42
3		Benzene, 1,2,4,5-tetrachloro-	214	C6H2Cl4	000095-94-3	42
4		Serratinine, 6,7,8,16-tetradehyd...	301	C18H23NO3	005532-12-7	25
5		1H-Isoindole, 5,6-dichloro-3-met...	229	C10H9Cl2NO	100813-57-8	18



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121015\
Data File : BG020057.D
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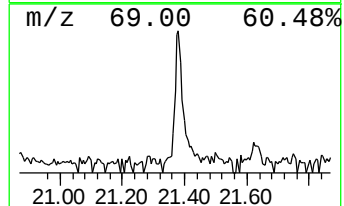
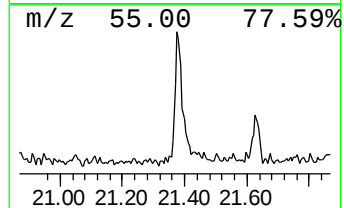
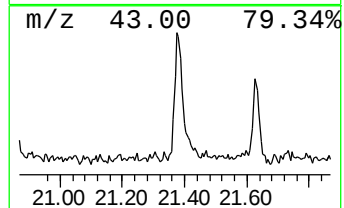
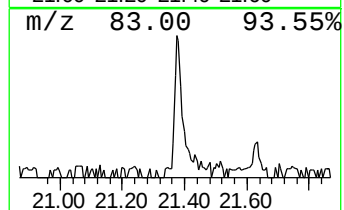
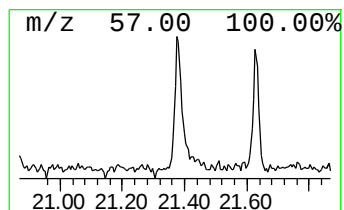
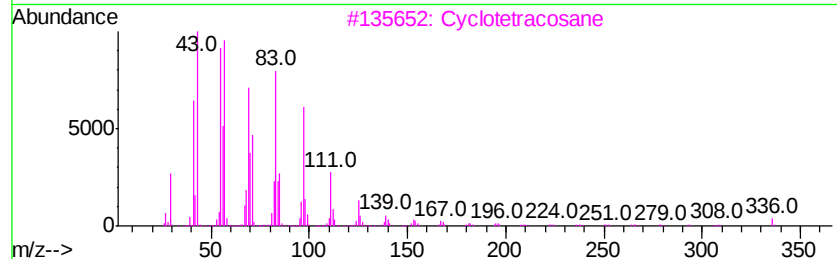
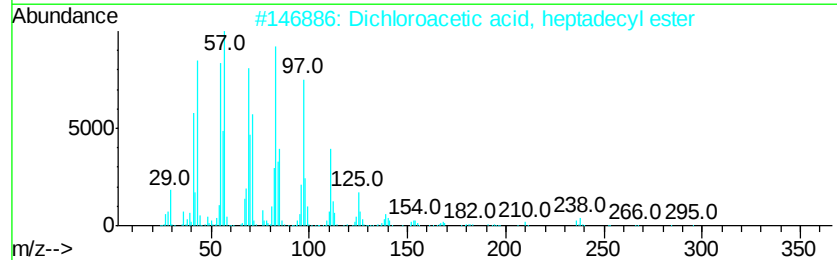
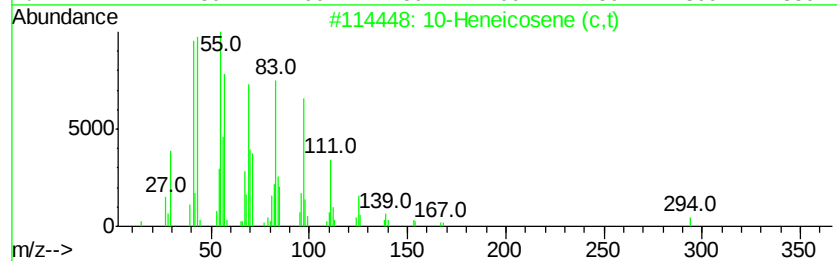
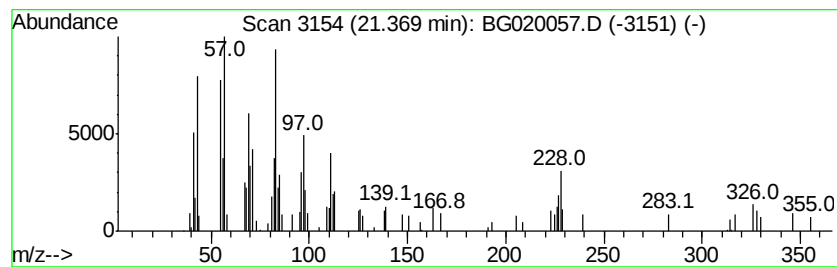
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 10-Heneicosene (c,t) Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.37	2.88 ng	65868	Chrysene-d12	21.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	10-Heneicosene (c,t)	294	C21H42	095008-11-0	90
2		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	87
3		Cyclotetracosane	336	C24H48	000297-03-0	68
4		1-Heneicosyl formate	340	C22H44O2	077899-03-7	64
5		Acetic acid, trifluoro-, tetrade...	310	C16H29F3O2	006222-02-2	58



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121015\
Data File : BG020057.D
Acq On : 9 Dec 2015 23:49
Operator : UM/SJ
Sample : G4659-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

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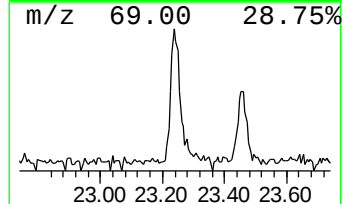
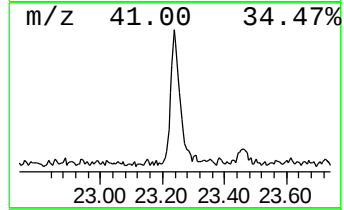
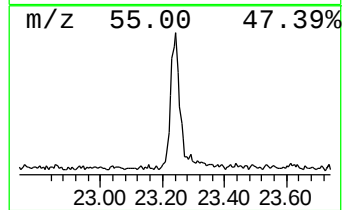
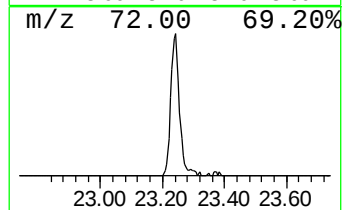
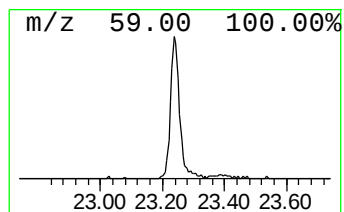
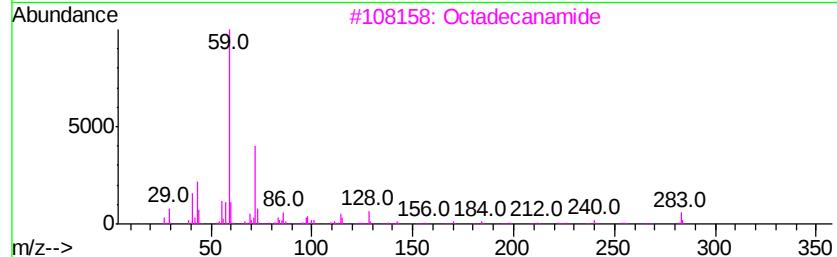
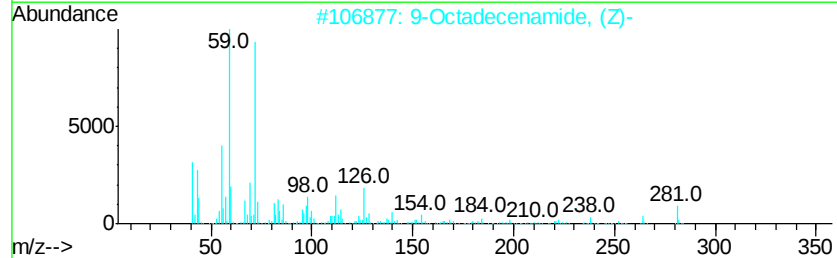
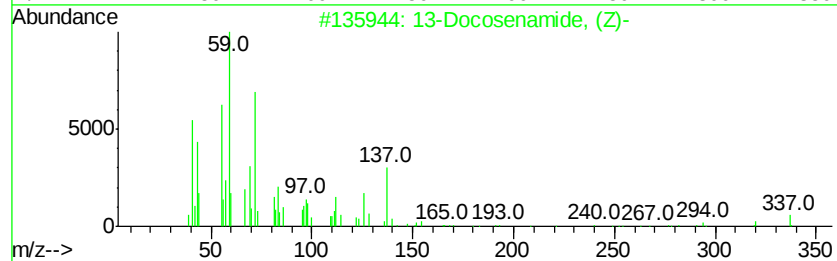
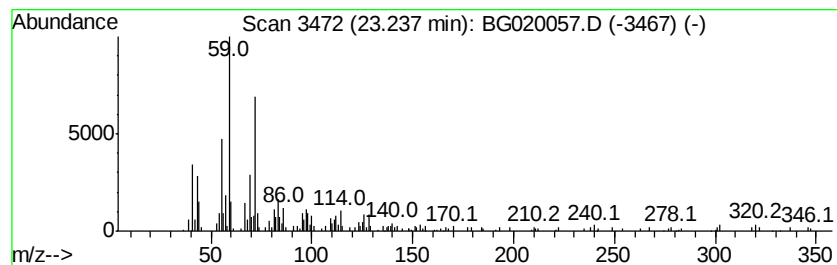
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 13-Docosenamide, (Z)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.24	7.41 ng	169396	Chrysene-d12	21.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	87
2		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	72
3		Octadecanamide	283	C18H37NO	000124-26-5	47
4		1,1,2-Trimethyl-1-silacyclobutane	114	C6H14Si	030681-90-4	43
5		Decanamide-	171	C10H21NO	002319-29-1	38



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121015\
Data File : BG020057.D
Acq On : 9 Dec 2015 23:49
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Misc :
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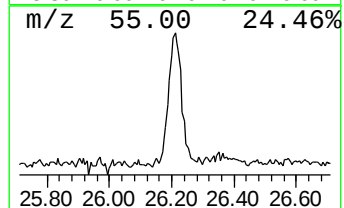
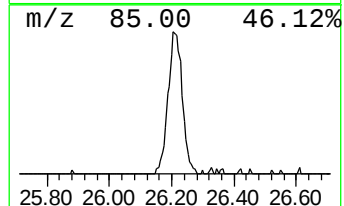
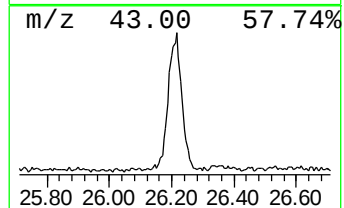
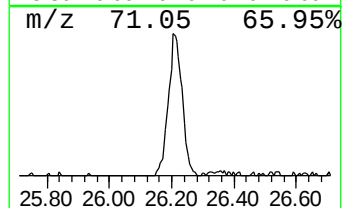
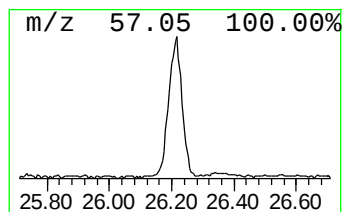
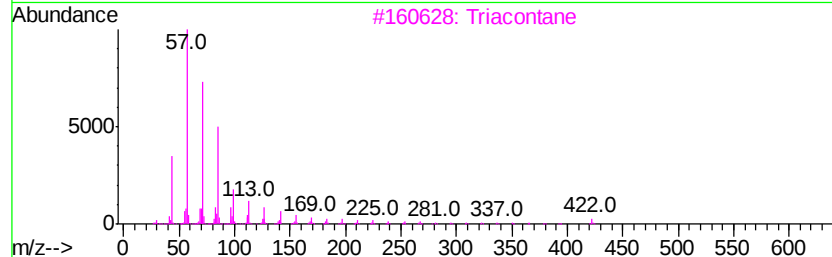
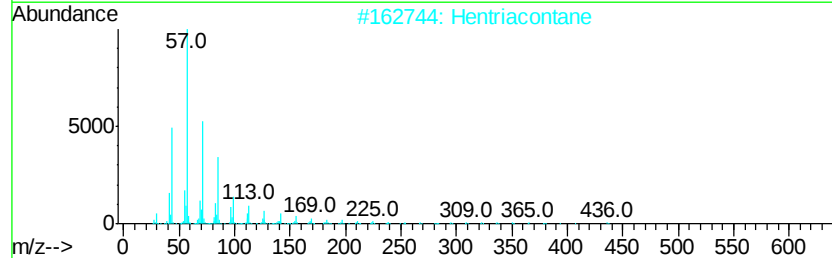
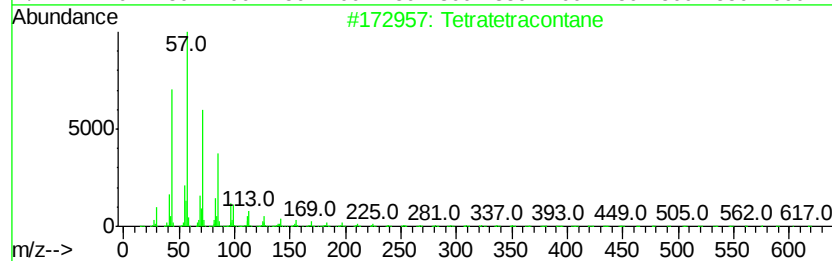
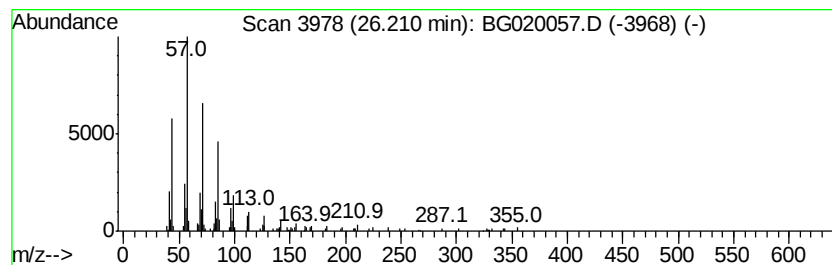
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Tetratetracontane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.21	9.46 ng	193048	Perylene-d12	25.04

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetratetracontane	619	C44H90	007098-22-8	90
2			Hentriacontane	437	C31H64	000630-04-6	90
3			Triacontane	422	C30H62	000638-68-6	90
4			Tetratriacontane	479	C34H70	014167-59-0	90
5			Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	87



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121015\
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Acq On : 9 Dec 2015 23:49
Operator : UM/SJ
Sample : G4659-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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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
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2-Pentanone, 4-hy...	5.18	23.2	ng	124115	1	8.11	107201	20.0
unknown7.64	7.64	140.3	ng	752278	1	8.11	107201	20.0
n-Hexadecanoic acid	18.35	6.3	ng	99478	4	17.48	314219	20.0
Octadecanoic acid	19.62	5.7	ng	130933	5	21.75	457288	20.0
trans-Nonachlor	20.59	2.6	ng	60175	5	21.75	457288	20.0
Benzene, 1,2,3,4-...	20.80	3.4	ng	77076	5	21.75	457288	20.0
10-Heneicosene (c,t)	21.37	2.9	ng	65868	5	21.75	457288	20.0
13-Docosenamide, ...	23.24	7.4	ng	169396	5	21.75	457288	20.0
Tetratetracontane	26.21	9.5	ng	193048	6	25.04	407985	20.0