

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032519\
 Data File : BG040145.D
 Acq On : 26 Mar 2019 10:52
 Operator : JU/SJ
 Sample : K2059-08
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-7

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:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.196	12	18	26	rBV	224342	400089	14.22%	2.863%
2	3.266	26	30	41	rVB	429220	603115	21.44%	4.315%
3	4.588	251	255	266	rVB3	18802	35771	1.27%	0.256%
4	5.681	435	441	449	rBV	279277	458031	16.28%	3.277%
5	5.751	449	453	463	rVB2	16140	37703	1.34%	0.270%
6	7.285	701	714	728	rBV	195140	373919	13.29%	2.675%
7	7.666	771	779	786	rBV	518864	895341	31.83%	6.406%
8	8.136	852	859	869	rBV	119068	205112	7.29%	1.468%
9	8.459	908	914	921	rBV	410219	731224	25.99%	5.232%
10	8.506	921	922	932	rVB	25666	31110	1.11%	0.223%
11	9.317	1052	1060	1068	rBV	406931	724385	25.75%	5.183%
12	9.758	1128	1135	1144	rBV6	14140	30776	1.09%	0.220%
13	10.956	1333	1339	1348	rVB	173255	306822	10.91%	2.195%
14	11.361	1400	1408	1420	rBV8	11265	33280	1.18%	0.238%
15	11.773	1470	1478	1483	rBV6	18607	53849	1.91%	0.385%
16	12.818	1650	1656	1663	rBV3	25437	44140	1.57%	0.316%
17	13.388	1745	1753	1764	rBV	1129837	1758391	62.51%	12.581%
18	14.375	1916	1921	1932	rBV8	12274	35752	1.27%	0.256%
19	14.763	1979	1987	1995	rBV2	299906	485814	17.27%	3.476%
20	16.249	2234	2240	2254	rBV	920777	1442961	51.29%	10.324%
21	17.506	2444	2454	2461	rBV2	389216	626532	22.27%	4.483%
22	18.358	2594	2599	2608	rBV3	42809	74814	2.66%	0.535%
23	19.621	2809	2814	2819	rBV6	18873	31483	1.12%	0.225%
24	20.102	2890	2896	2902	rBV	2164250	2813130	100.00%	20.127%
25	21.794	3177	3184	3193	rVB2	409667	700878	24.91%	5.015%
26	22.558	3309	3314	3319	rBV2	23981	38306	1.36%	0.274%
27	23.263	3430	3434	3441	rVB	31761	58284	2.07%	0.417%
28	24.097	3569	3576	3584	rVB2	36855	83313	2.96%	0.596%
29	25.078	3736	3743	3746	rBV3	35562	76489	2.72%	0.547%
30	25.149	3746	3755	3768	rVB2	227851	662374	23.55%	4.739%
31	26.247	3934	3942	3951	rVB6	24193	71512	2.54%	0.512%
32	27.651	4170	4181	4190	rBV9	14319	52024	1.85%	0.372%

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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:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

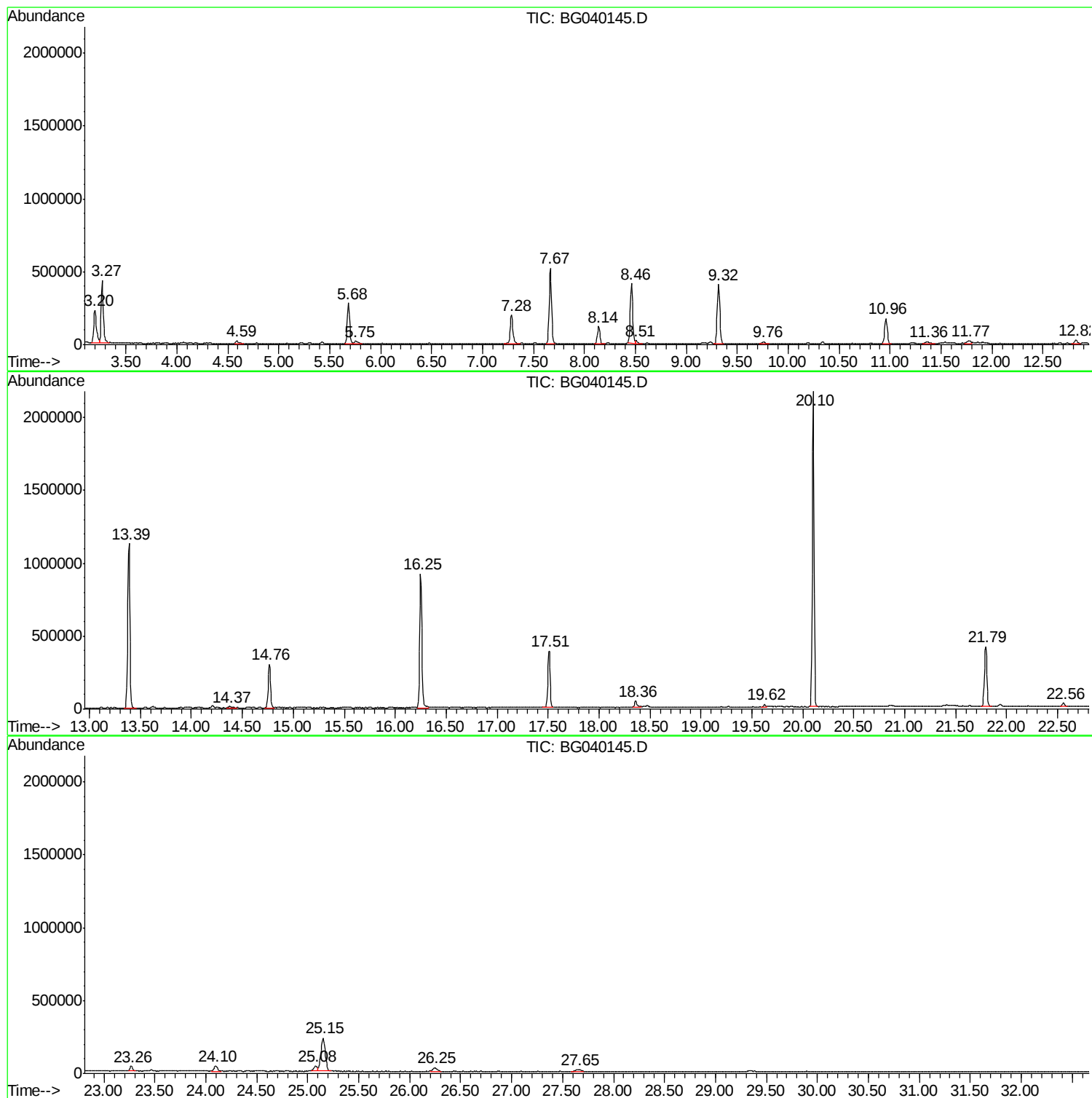
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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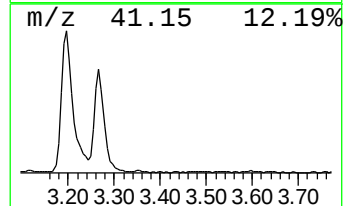
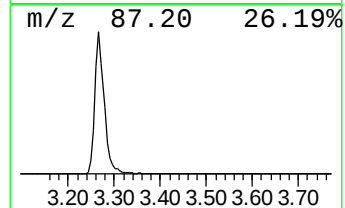
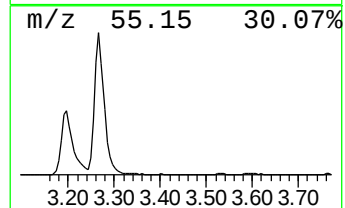
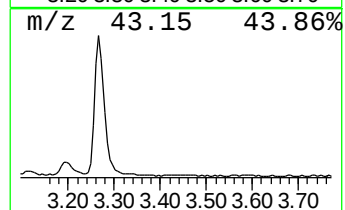
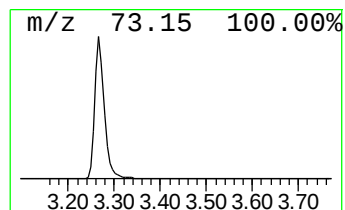
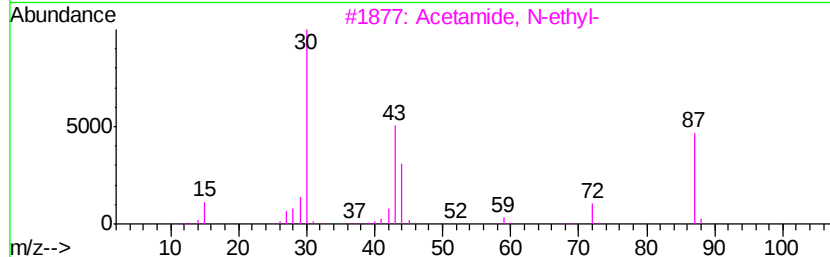
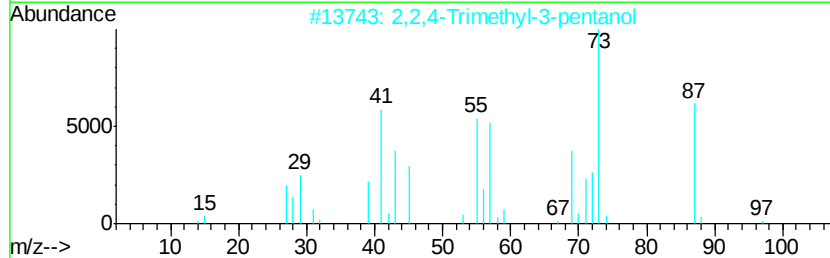
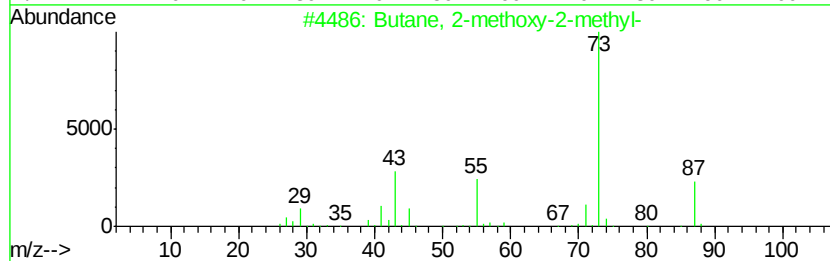
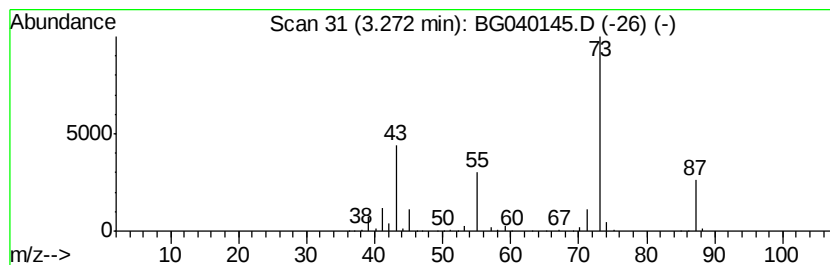
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.27	58.81 ng	603115	1,4-Dichlorobenzene-d4	8.14

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	39
3		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	35
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5		N-Ethylformamide	73	C3H7NO	000627-45-2	9



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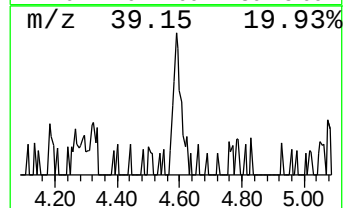
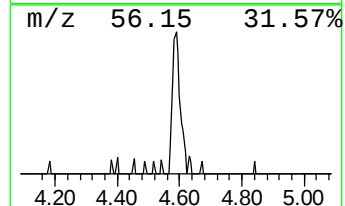
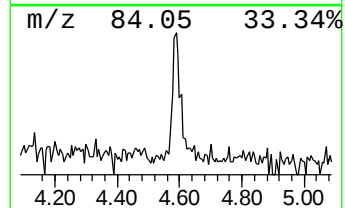
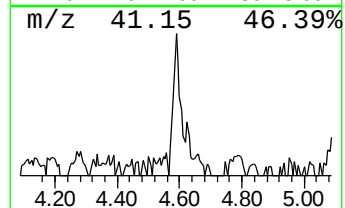
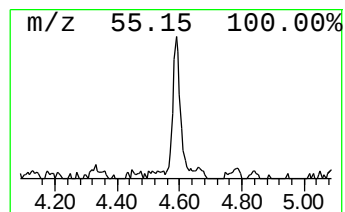
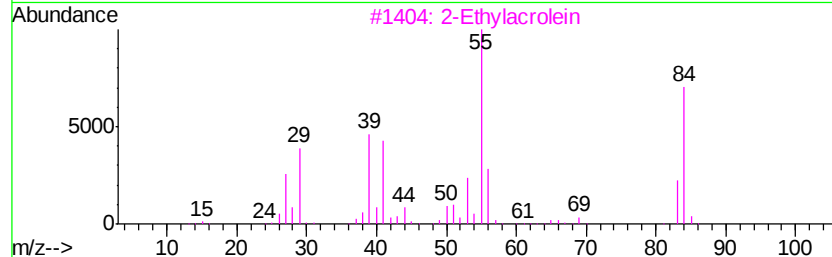
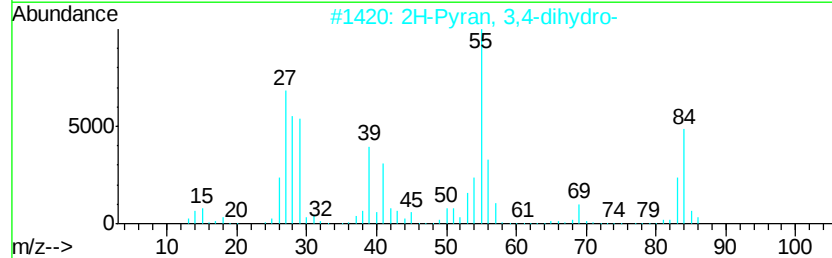
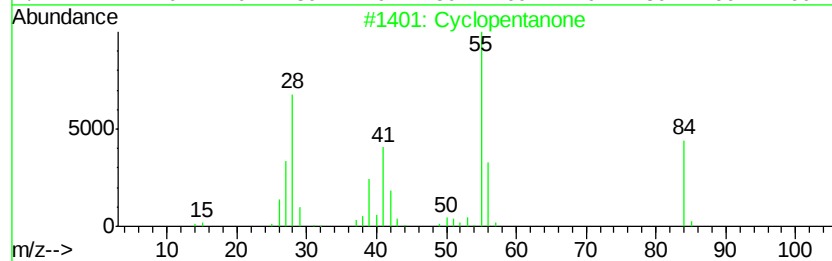
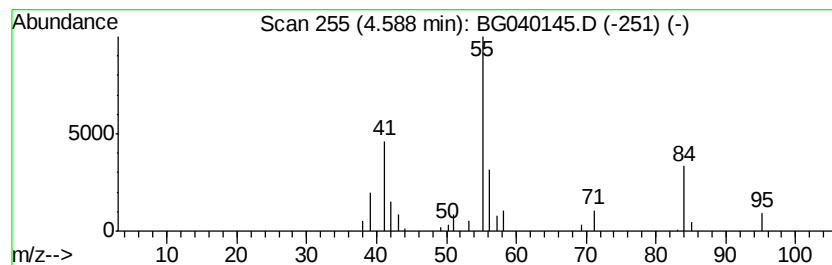
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
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TIC Library : C:\Database\NIST11.L
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Peak Number 3 Cyclopentanone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.59	3.49 ng	35771	1,4-Dichlorobenzene-d4	8.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentanone	84	C5H8O	000120-92-3	52
2		2H-Pyran, 3,4-dihydro-	84	C5H8O	000110-87-2	47
3		2-Ethylacrolein	84	C5H8O	000922-63-4	46
4		2-Hexene	84	C6H12	000592-43-8	43
5		2-Hexene, (Z)-	84	C6H12	007688-21-3	43



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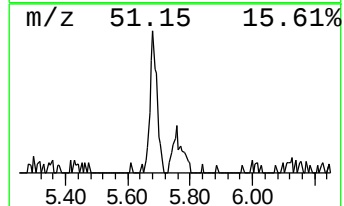
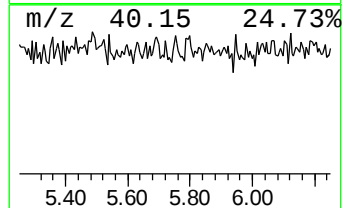
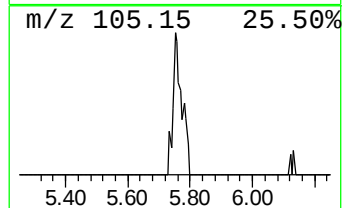
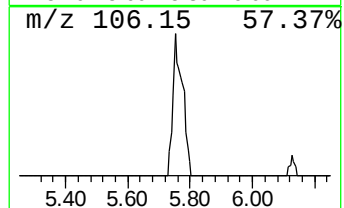
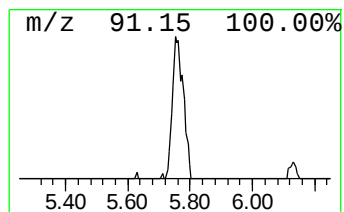
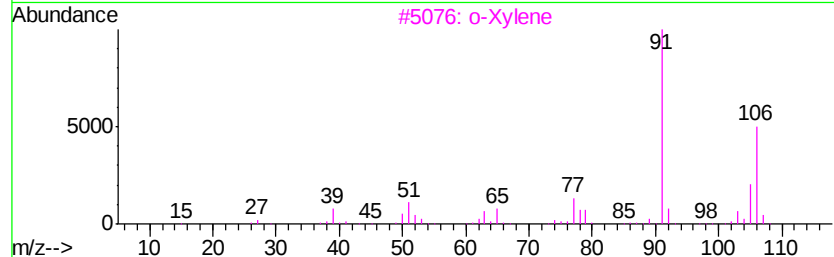
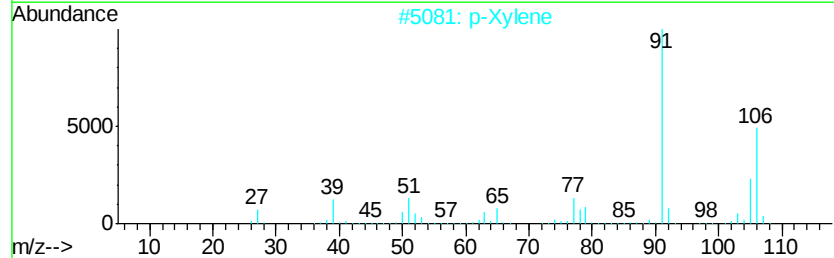
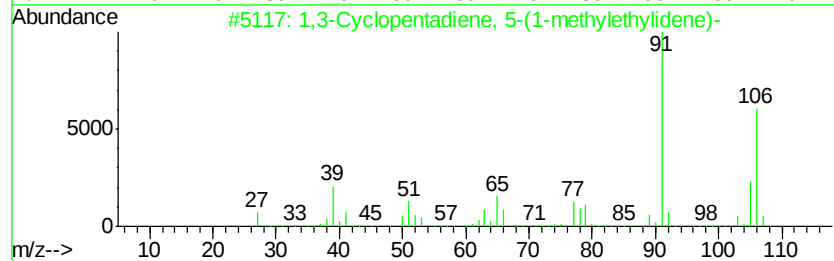
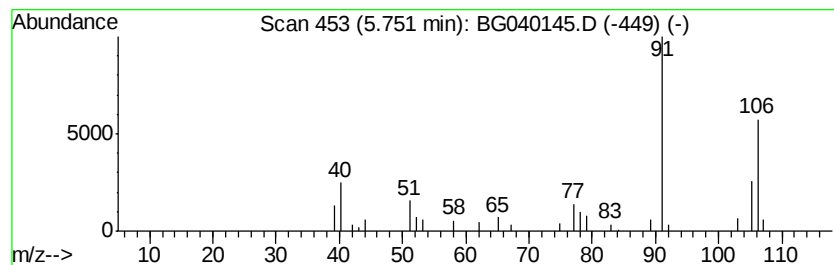
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 1,3-Cyclopentadiene, 5-(1-m... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.75	3.68 ng	37703	1,4-Dichlorobenzene-d4	8.14

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	91
2			p-Xylene	106	C8H10	000106-42-3	90
3			o-Xylene	106	C8H10	000095-47-6	87
4			Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	87
5			Ethylbenzene	106	C8H10	000100-41-4	64



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ALS Vial : 29 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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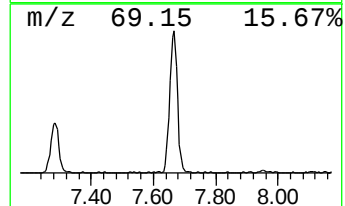
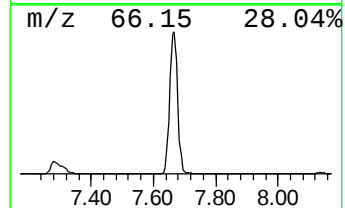
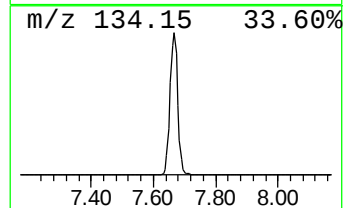
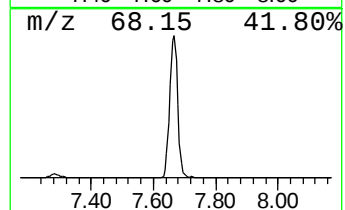
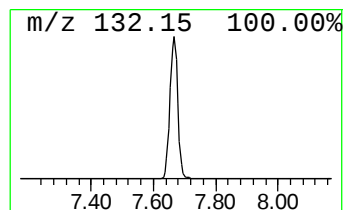
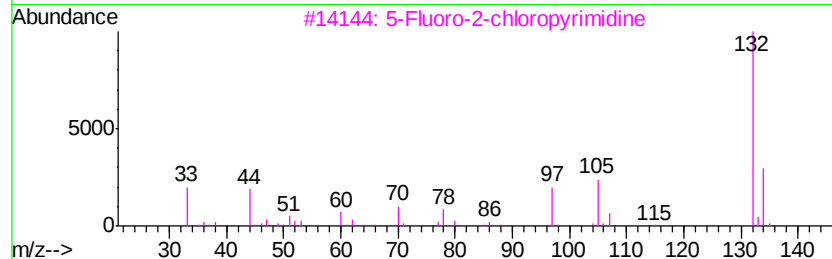
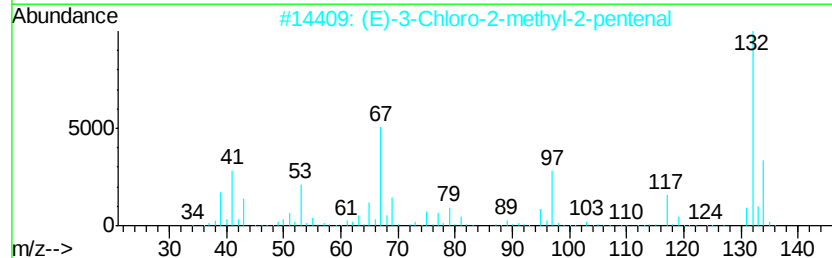
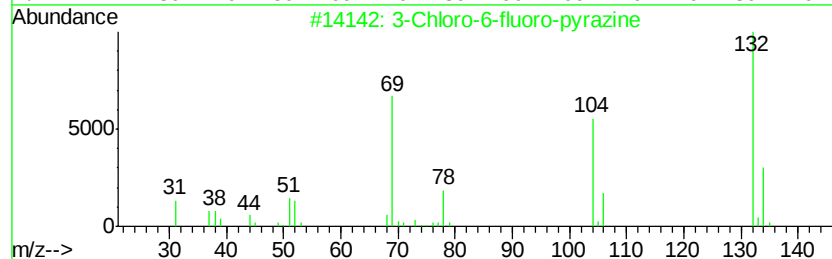
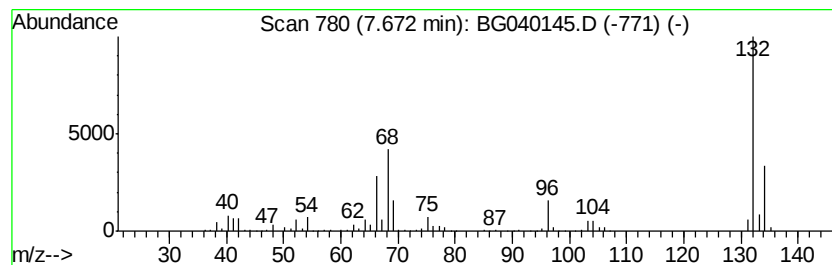
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TIC Library : C:\Database\NIST11.L
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Peak Number 5 unknown7.67 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.67	87.30 ng	895341	1,4-Dichlorobenzene-d4	8.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	12
5		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12



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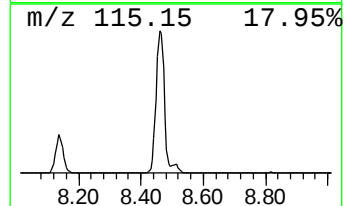
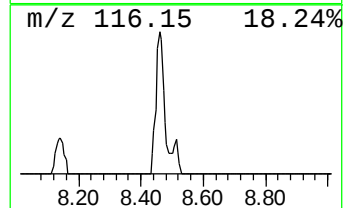
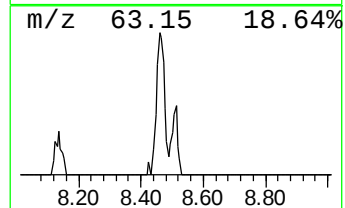
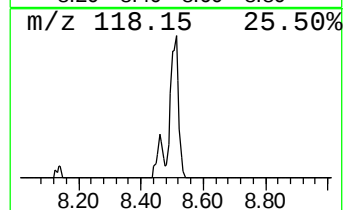
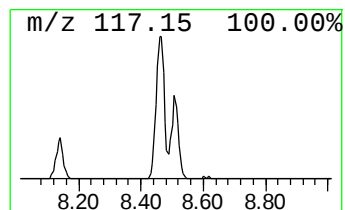
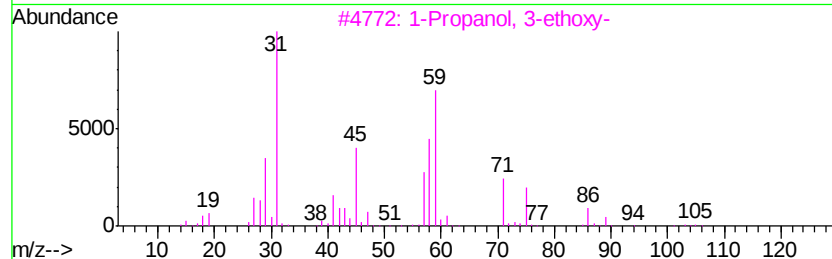
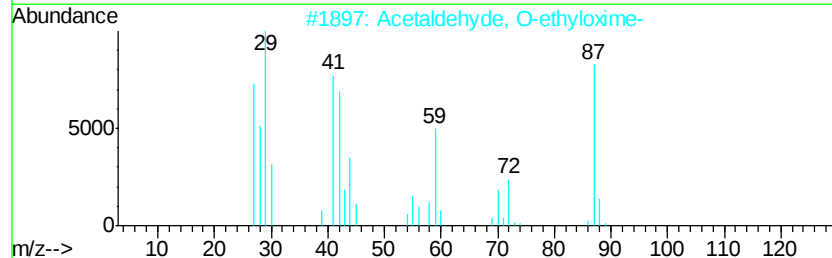
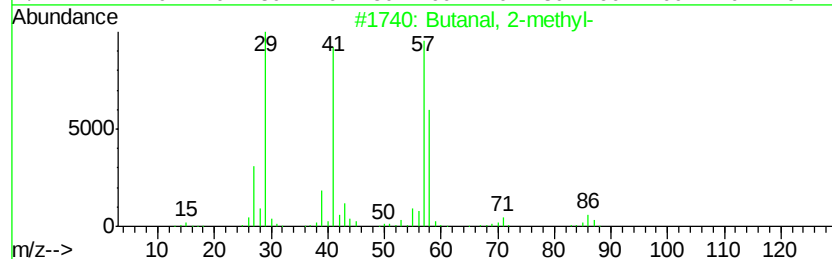
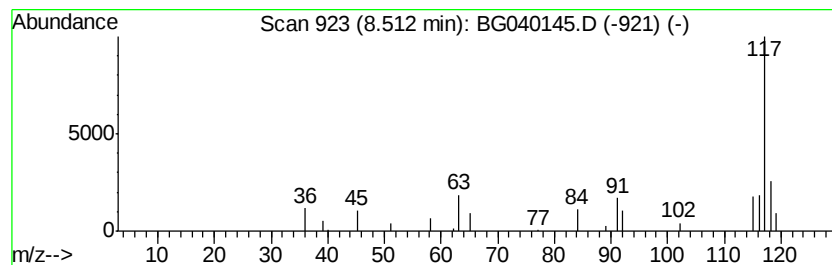
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TIC Library : C:\Database\NIST11.L
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Peak Number 7 unknown8.51 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.51	3.03 ng	31110	1,4-Dichlorobenzene-d4	8.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butanal, 2-methyl-	86	C5H10O	000096-17-3	5
2		Acetaldehyde, O-ethyloxime-	87	C4H9NO	1000288-34-6	2
3		1-Propanol, 3-ethoxy-	104	C5H12O2	000111-35-3	2
4		Ethene, methoxy-	58	C3H6O	000107-25-5	2
5		Propanal	58	C3H6O	000123-38-6	2



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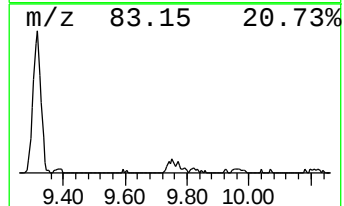
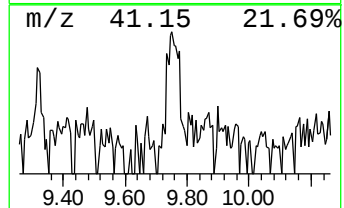
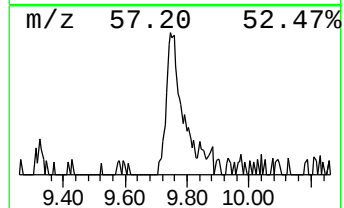
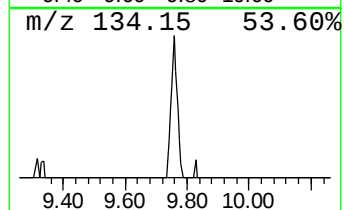
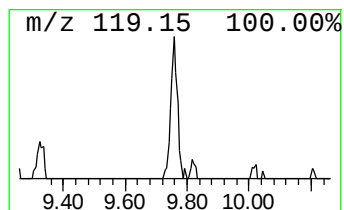
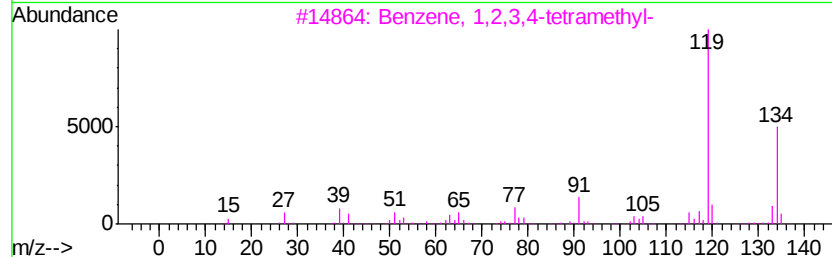
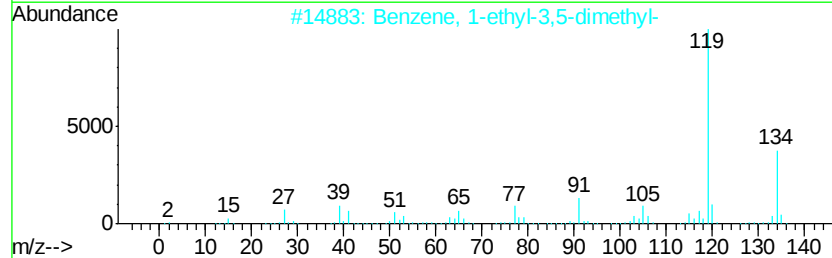
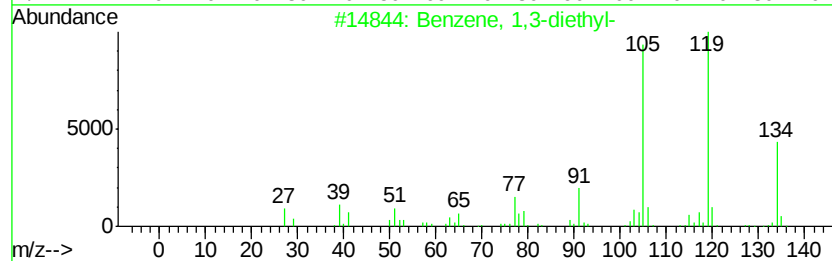
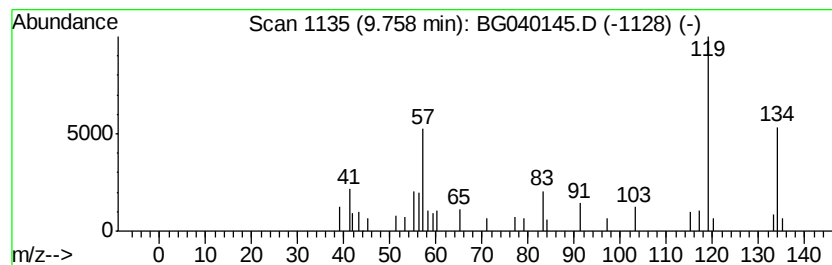
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzene, 1,3-diethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.76	2.01 ng	30776	Naphthalene-d8	10.96

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	53
2			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	53
3			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	52
4			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	52
5			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032519\
Data File : BG040145.D
Acq On : 26 Mar 2019 10:52
Operator : JU/SJ
Sample : K2059-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

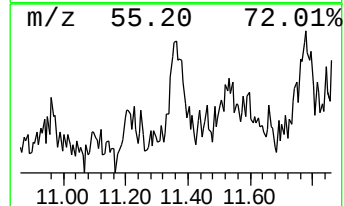
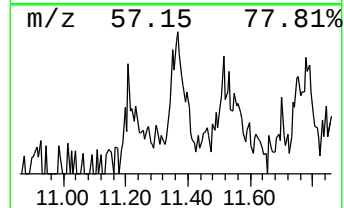
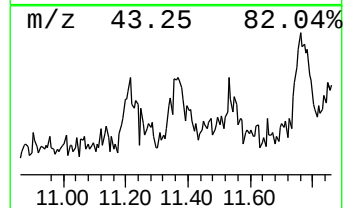
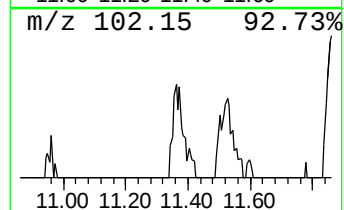
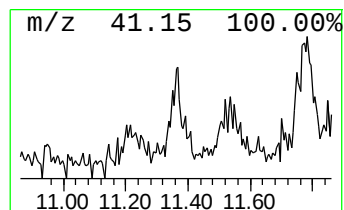
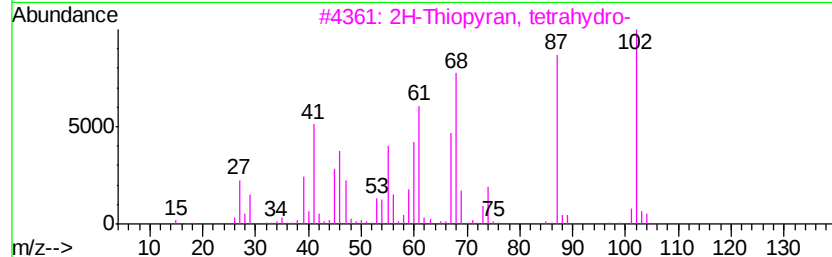
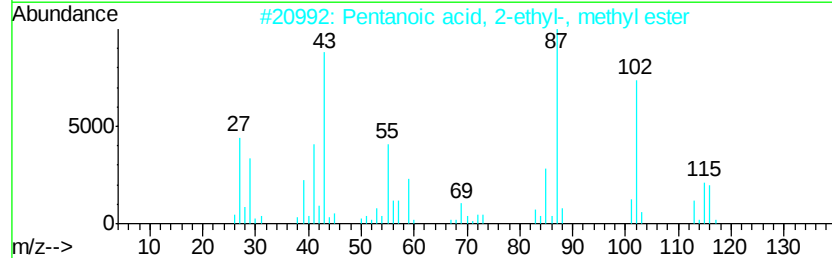
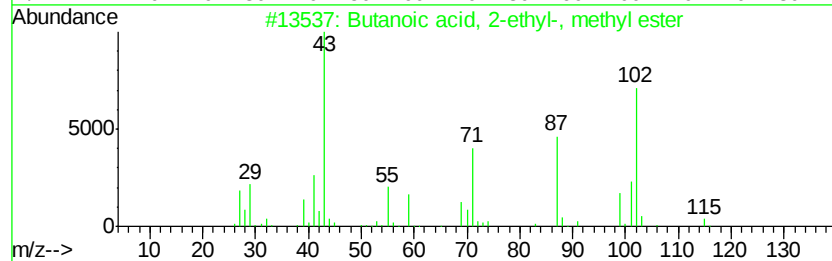
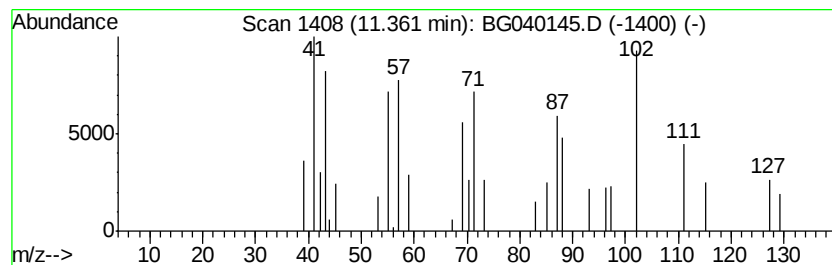
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown11.36 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.36	2.17 ng	33280	Naphthalene-d8	10.96
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Butanoic acid, 2-ethyl-, methyl ...	130 C7H14O2	000816-11-5 27
2		Pentanoic acid, 2-ethyl-, methyl...	144 C8H16O2	000816-16-0 10
3		2H-Thiopyran, tetrahydro-	102 C5H10S	001613-51-0 9
4		Di-n-propyl ether	102 C6H14O	000111-43-3 9
5		Aziridine-2-carbothioamide	102 C3H6N2S	1000189-98-7 9



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032519\
Data File : BG040145.D
Acq On : 26 Mar 2019 10:52
Operator : JU/SJ
Sample : K2059-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

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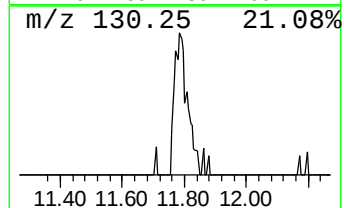
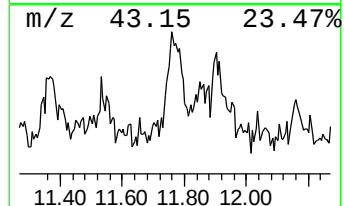
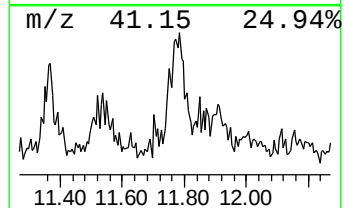
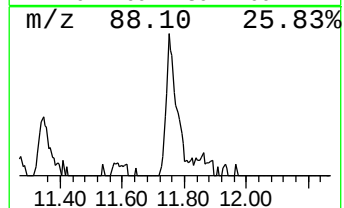
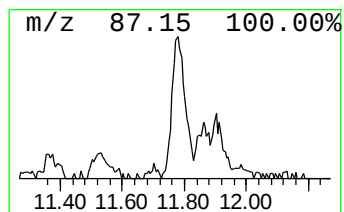
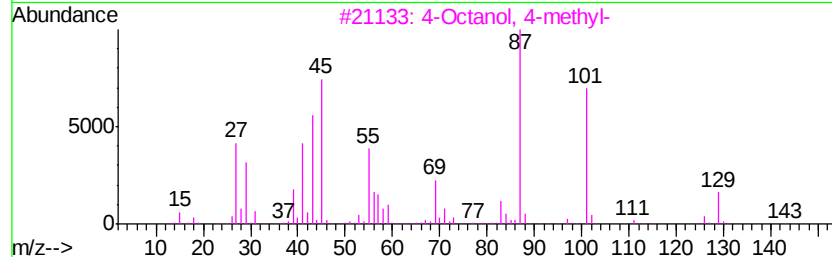
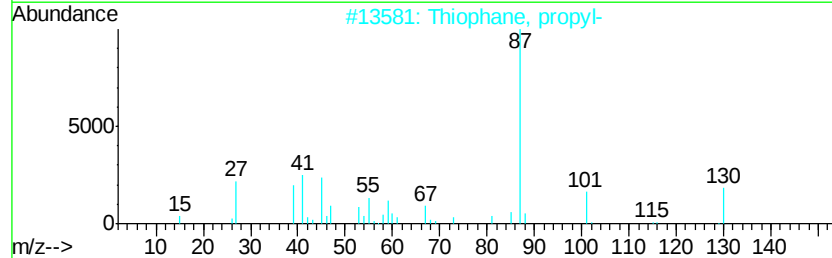
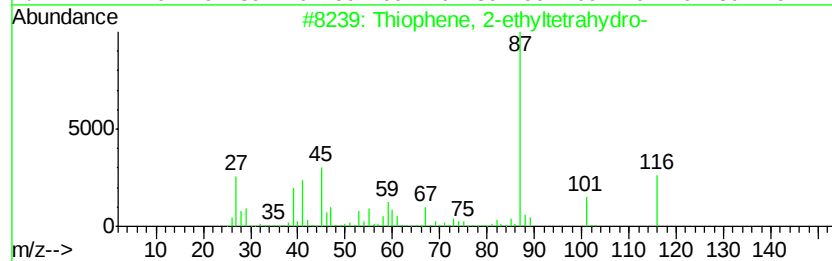
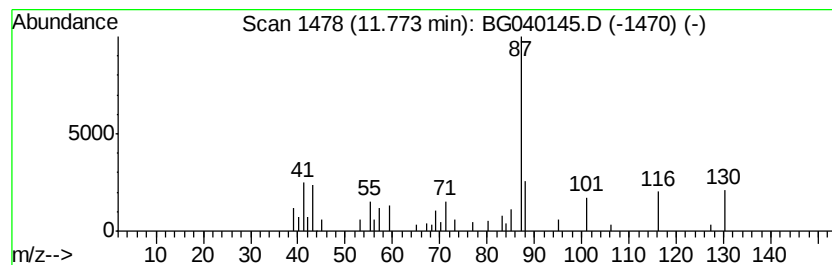
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Thiophene, 2-ethyltetrahydro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	3.51 ng	53849	Naphthalene-d8	10.96

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Thiophene, 2-ethyltetrahydro-	116	C6H12S	001551-32-2	53
2			Thiophane, propyl-	130	C7H14S	001551-34-4	53
3			4-Octanol, 4-methyl-	144	C9H20O	023418-37-3	25
4			Neodecanoic acid	172	C10H20O2	026896-20-8	25
5			3-Pentanol, 2,3,4-trimethyl-	130	C8H18O	003054-92-0	17



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032519\
Data File : BG040145.D
Acq On : 26 Mar 2019 10:52
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Sample : K2059-08
Misc :
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Instrument :
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ClientSampleId :
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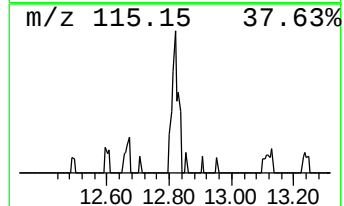
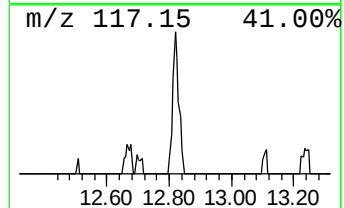
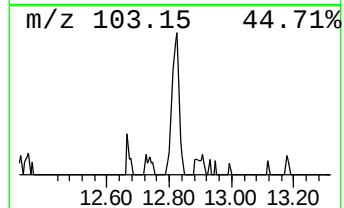
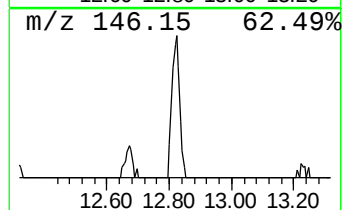
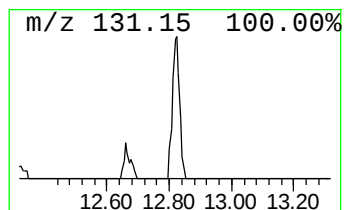
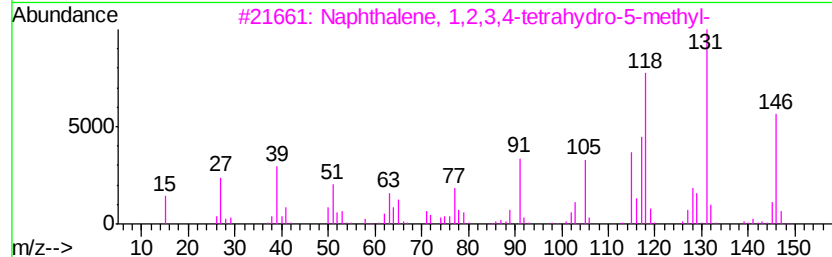
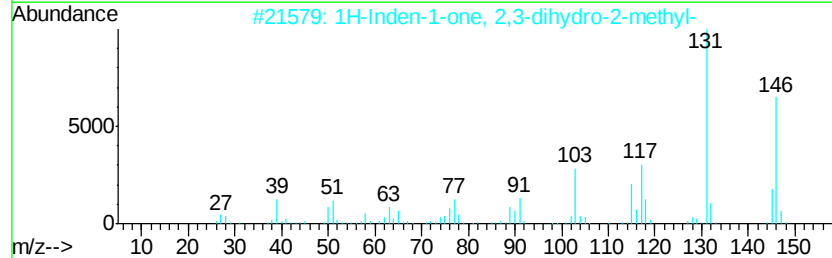
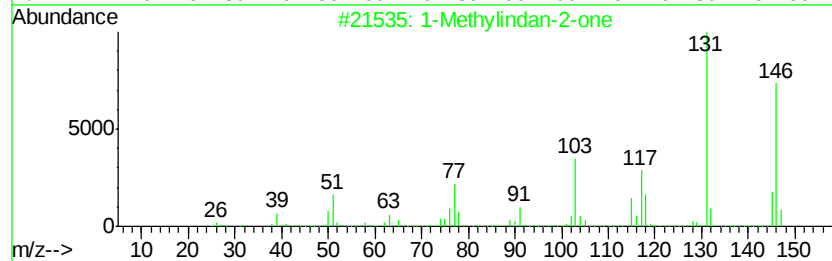
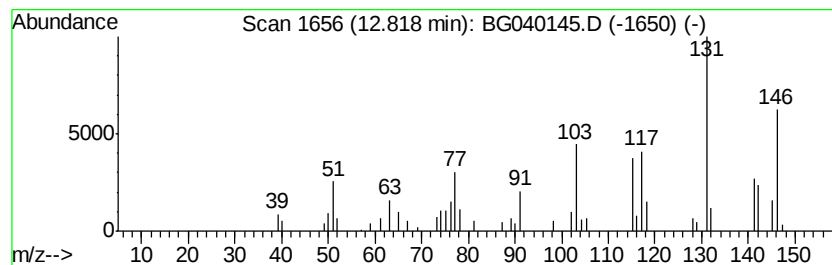
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 1-Methylindan-2-one Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.82	2.88 ng	44140	Naphthalene-d8	10.96

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Methylindan-2-one	146	C10H10O	035587-60-1	90
2			1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	87
3			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	58
4			1H-Inden-1-one, 2,3-dihydro-3-me...	146	C10H10O	006072-57-7	58
5			Benzene, (2-methyl-1-methylenepre...	146	C11H14	017498-71-4	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032519\
Data File : BG040145.D
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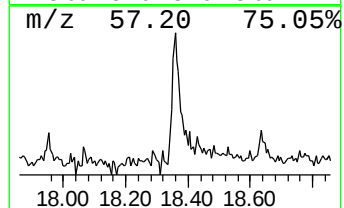
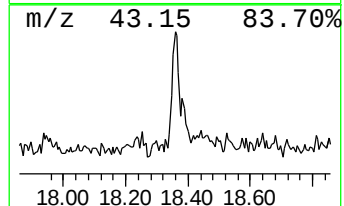
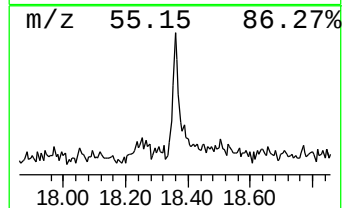
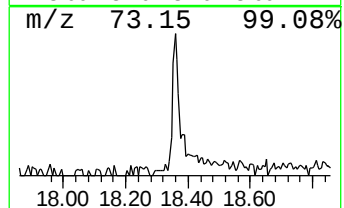
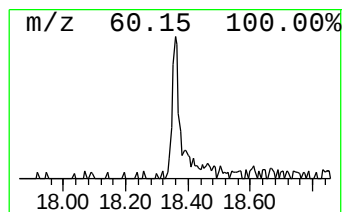
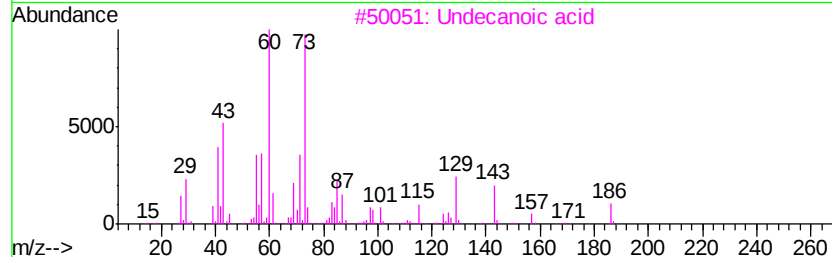
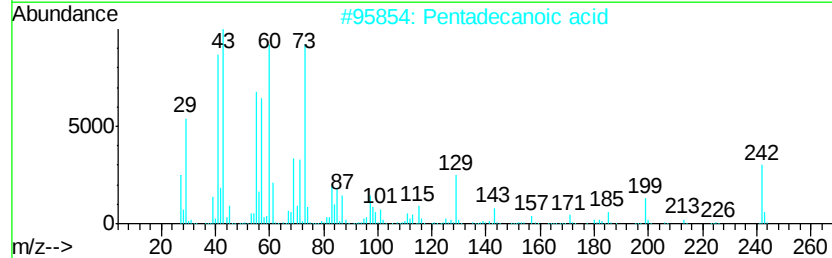
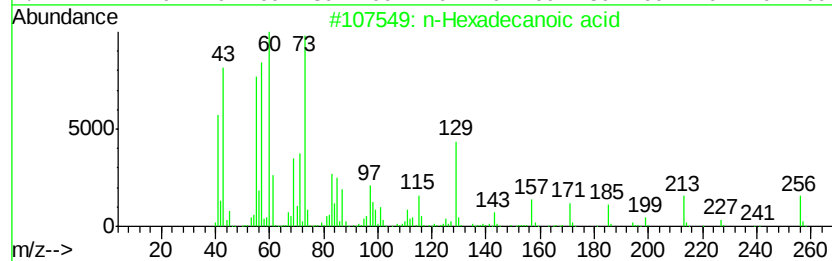
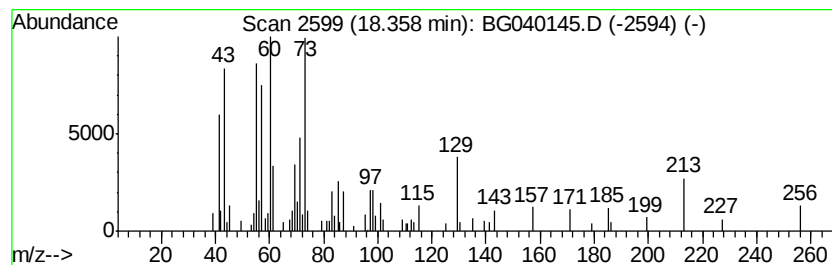
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 n-Hexadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.36	2.39 ng	74814	Phenanthrene-d10	17.51

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	80
3			Undecanoic acid	186	C11H22O2	000112-37-8	74
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5			n-Decanoic acid	172	C10H20O2	000334-48-5	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032519\
Data File : BG040145.D
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Misc :
ALS Vial : 29 Sample Multiplier: 1

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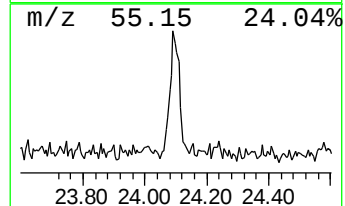
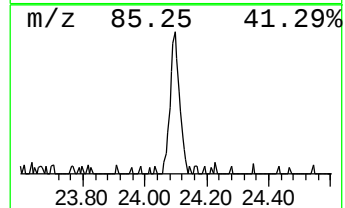
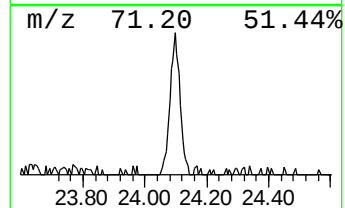
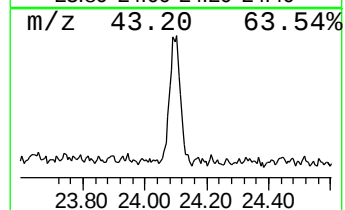
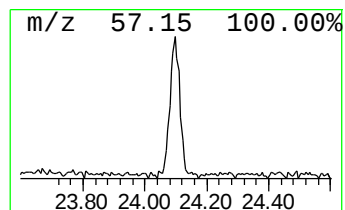
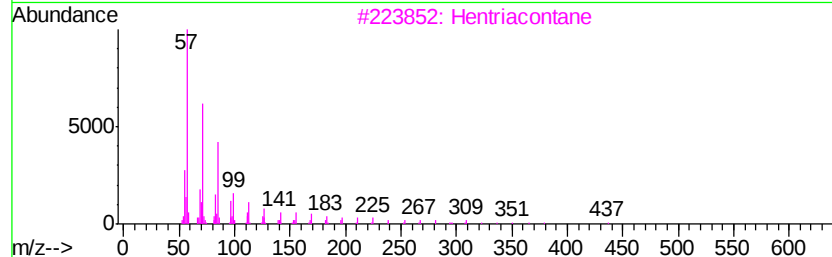
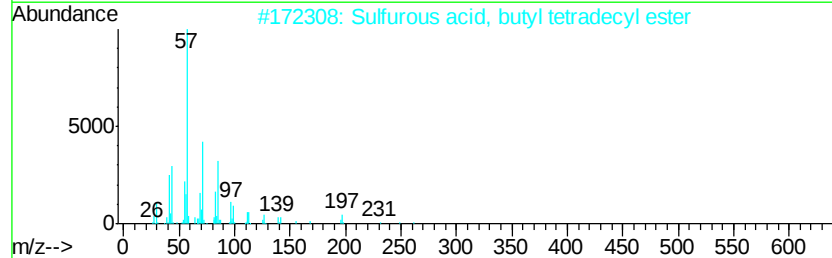
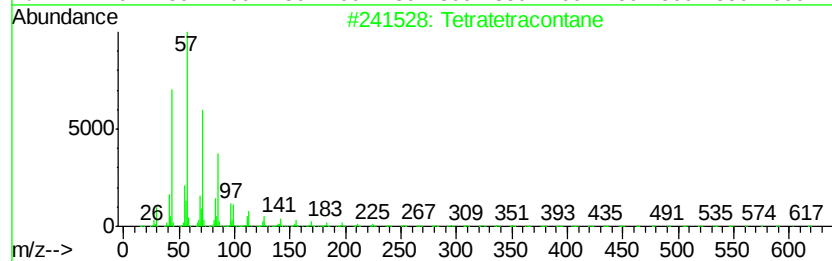
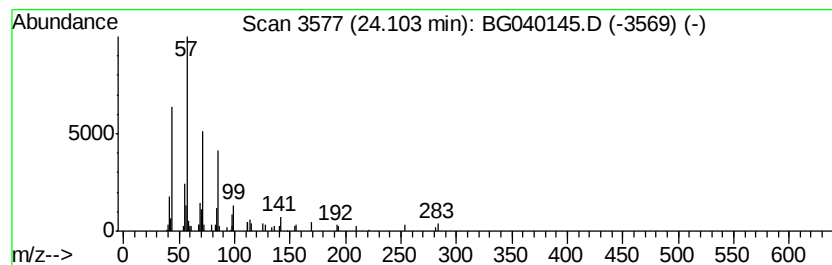
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Tetratetracontane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.10	2.52 ng	83313	Perylene-d12	25.15

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetratetracontane	619	C44H90	007098-22-8	91
2			Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1000309-18-1	91
3			Hentriacontane	437	C31H64	000630-04-6	91
4			Octacosane	394	C28H58	000630-02-4	91
5			Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032519\
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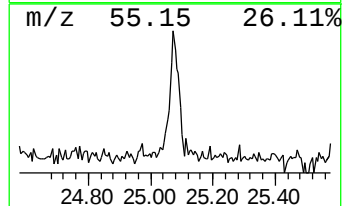
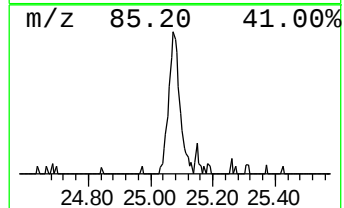
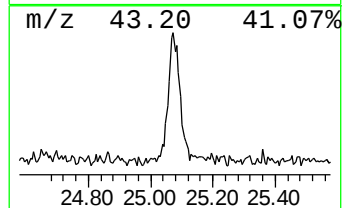
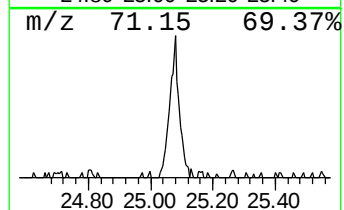
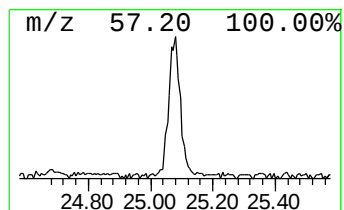
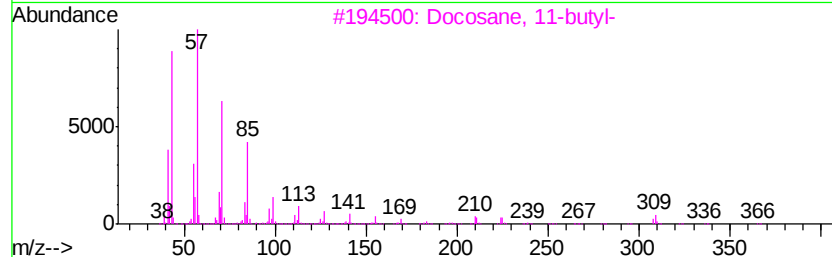
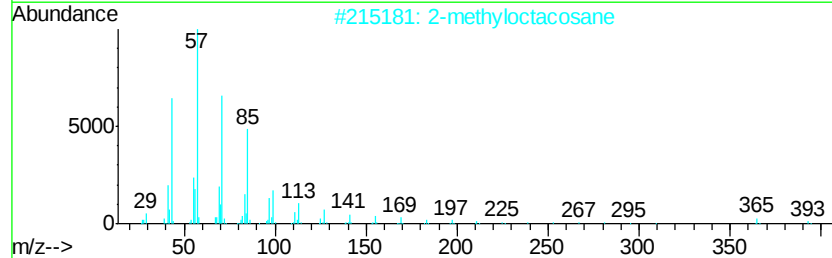
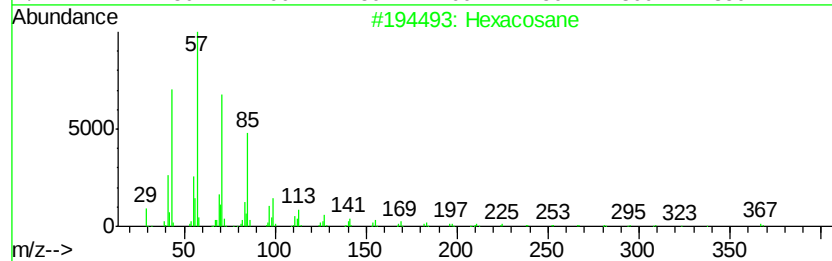
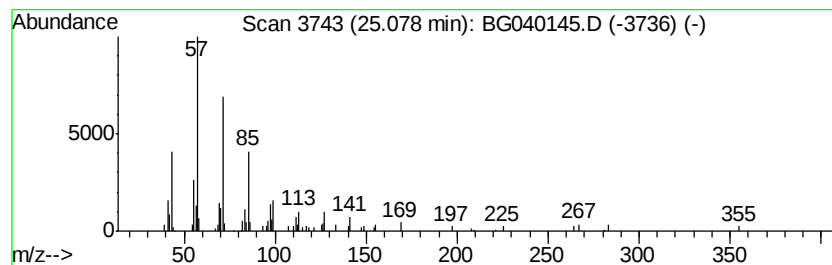
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Hexacosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.08	2.31 ng	76489	Perylene-d12	25.15

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexacosane	366	C26H54	000630-01-3	90
2			2-methyloctacosane	408	C29H60	1000376-72-8	90
3			Docosane, 11-butyl-	366	C26H54	013475-76-8	90
4			Hentriacontane	437	C31H64	000630-04-6	90
5			Tetratetracontane	619	C44H90	007098-22-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032519\
Data File : BG040145.D
Acq On : 26 Mar 2019 10:52
Operator : JU/SJ
Sample : K2059-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-7

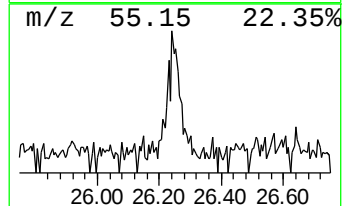
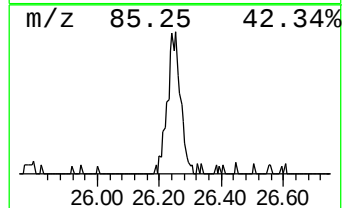
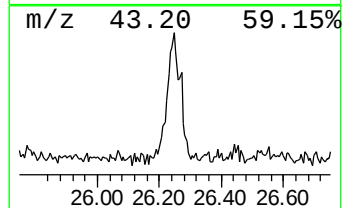
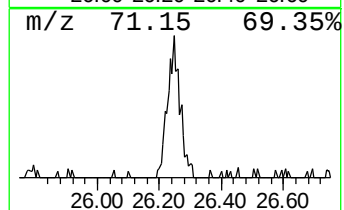
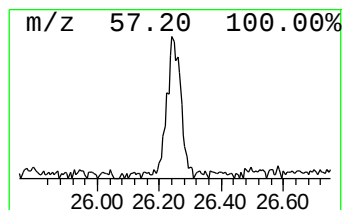
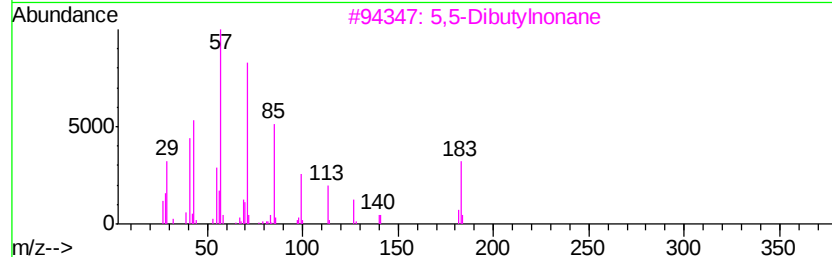
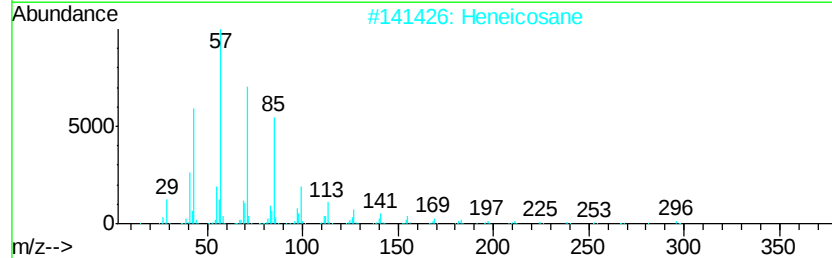
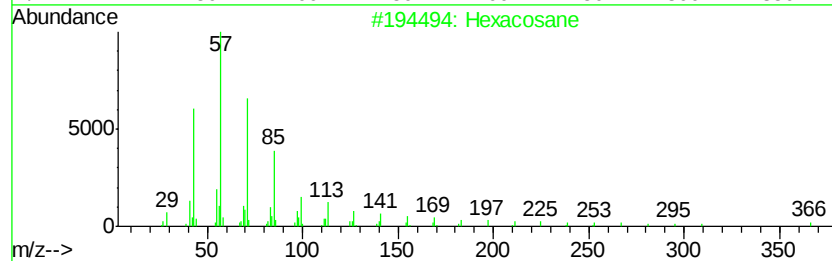
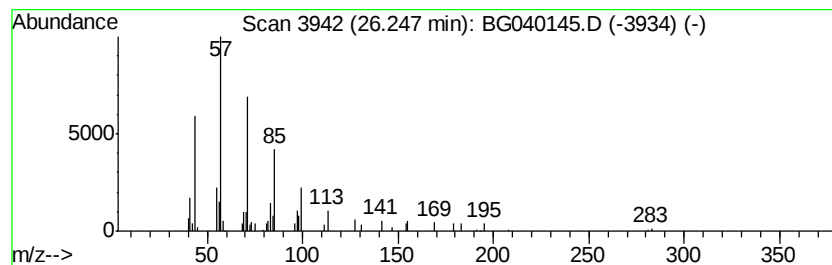
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Heneicosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.25	2.16 ng	71512	Perylene-d12	25.15

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexacosane	366	C26H54	000630-01-3	87
2			Heneicosane	296	C21H44	000629-94-7	83
3			5,5-Dibutylnonane	240	C17H36	006008-17-9	80
4			Triacontane	422	C30H62	000638-68-6	80
5			Octadecane	254	C18H38	000593-45-3	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032519\
Data File : BG040145.D
Acq On : 26 Mar 2019 10:52
Operator : JU/SJ
Sample : K2059-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.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
Butane, 2-methoxy...	3.27	58.8	ng	603115	1	8.14	205112	20.0
Cyclopentanone	4.59	3.5	ng	35771	1	8.14	205112	20.0
1,3-Cyclopentadie...	5.75	3.7	ng	37703	1	8.14	205112	20.0
unknown7.67	7.67	87.3	ng	895341	1	8.14	205112	20.0
unknown8.51	8.51	3.0	ng	31110	1	8.14	205112	20.0
Benzene, 1,3-diet...	9.76	2.0	ng	30776	2	10.96	306822	20.0
unknown11.36	11.36	2.2	ng	33280	2	10.96	306822	20.0
Thiophene, 2-ethy...	11.77	3.5	ng	53849	2	10.96	306822	20.0
1-Methylindan-2-one	12.82	2.9	ng	44140	2	10.96	306822	20.0
n-Hexadecanoic acid	18.36	2.4	ng	74814	4	17.51	626532	20.0
Tetratetracontane	24.10	2.5	ng	83313	6	25.15	662374	20.0
Hexacosane	25.08	2.3	ng	76489	6	25.15	662374	20.0
Heneicosane	26.25	2.2	ng	71512	6	25.15	662374	20.0