

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031119\
 Data File : BG039845.D
 Acq On : 11 Mar 2019 17:11
 Operator : JU/SJ
 Sample : K1807-33
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-12

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	3.208	15	20	29	rBV	78503	153058	4.71%	0.792%
2	3.284	29	33	43	rVB	52323	84027	2.59%	0.435%
3	5.699	437	444	458	rVB	831440	1314645	40.45%	6.805%
4	7.302	708	717	728	rBV	873053	1539404	47.36%	7.968%
5	7.684	774	782	790	rBV	797464	1404713	43.22%	7.271%
6	8.154	855	862	872	rVB	156710	265862	8.18%	1.376%
7	8.477	909	917	926	rBV	548967	940614	28.94%	4.869%
8	9.329	1053	1062	1072	rBV	496317	902241	27.76%	4.670%
9	10.974	1334	1342	1350	rBV	213587	387986	11.94%	2.008%
10	13.400	1747	1755	1765	rBV	1225021	1919864	59.07%	9.938%
11	14.223	1889	1895	1902	rBV	95585	138889	4.27%	0.719%
12	14.781	1983	1990	2000	rBV2	375208	611168	18.80%	3.164%
13	16.267	2236	2243	2258	rBV	1247490	1880814	57.87%	9.736%
14	17.524	2450	2457	2468	rVB	546499	820512	25.24%	4.247%
15	18.376	2597	2602	2612	rBV	125553	213943	6.58%	1.107%
16	19.639	2813	2817	2829	rBV	46676	95689	2.94%	0.495%
17	20.120	2892	2899	2906	rBV	2356578	3250225	100.00%	16.824%
18	21.401	3111	3117	3132	rBV	149863	334280	10.28%	1.730%
19	21.812	3180	3187	3195	rVB2	576920	964362	29.67%	4.992%
20	21.959	3206	3212	3217	rVB	47614	68607	2.11%	0.355%
21	22.582	3312	3318	3325	rBV2	83548	134765	4.15%	0.698%
22	23.298	3433	3440	3449	rBV	110235	200053	6.16%	1.036%
23	24.139	3575	3583	3591	rBV2	104283	230069	7.08%	1.191%
24	25.125	3741	3751	3754	rBV2	98593	238888	7.35%	1.237%
25	25.178	3754	3760	3775	rVB2	295442	898502	27.64%	4.651%
26	26.312	3943	3953	3963	rVB3	58785	182199	5.61%	0.943%
27	27.716	4183	4192	4205	rBV5	31401	110460	3.40%	0.572%
28	29.431	4480	4484	4497	rVB5	10042	32861	1.01%	0.170%

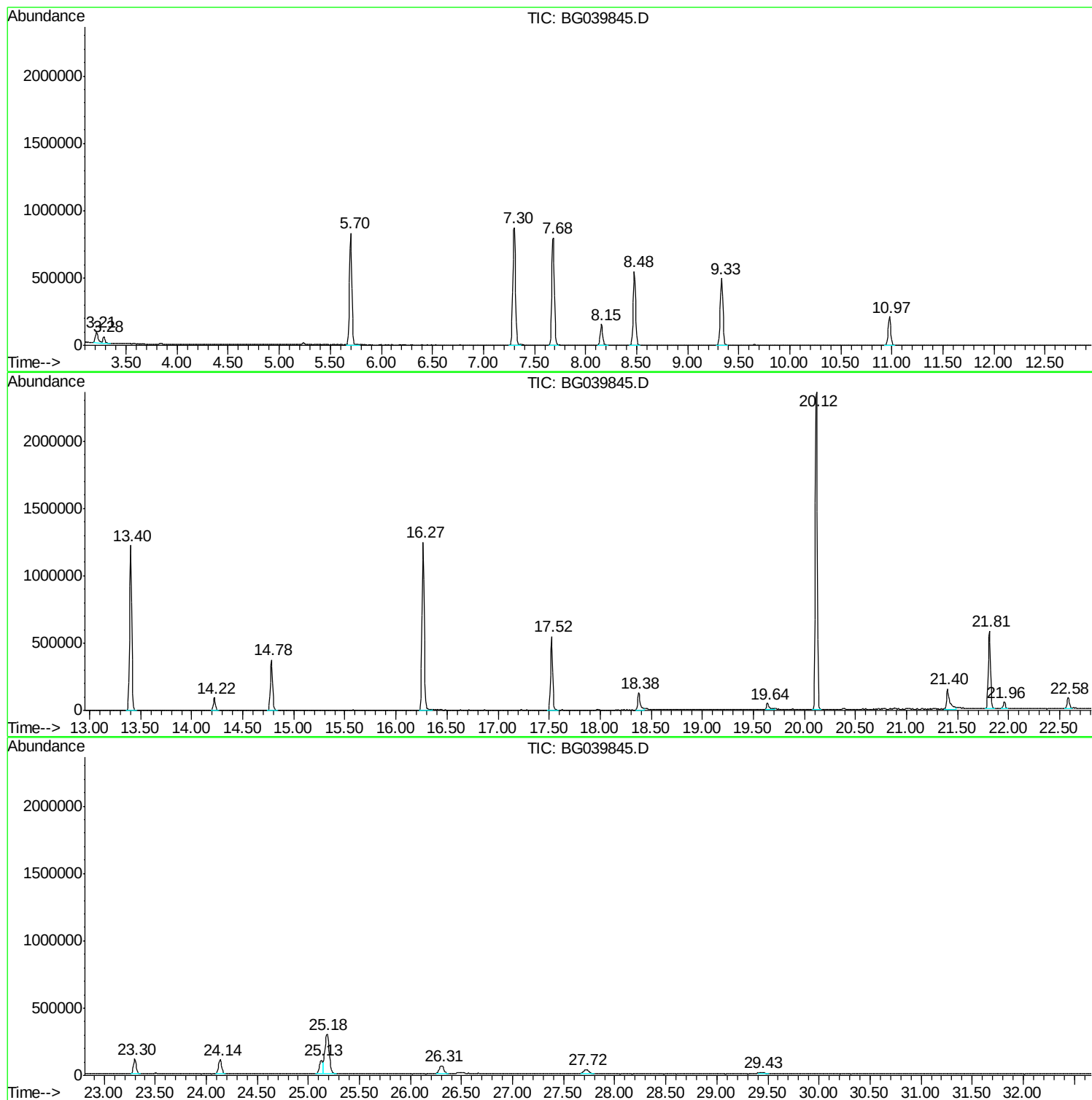
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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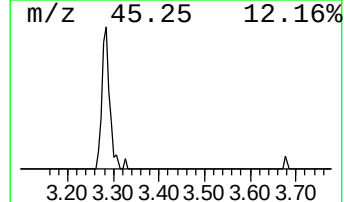
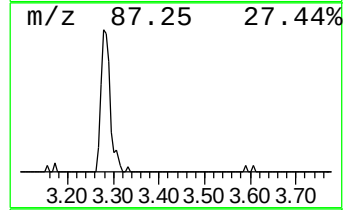
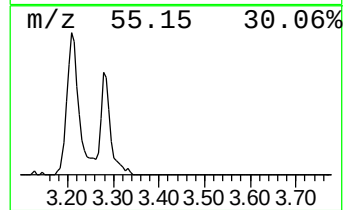
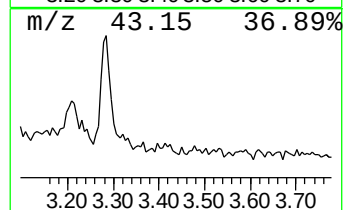
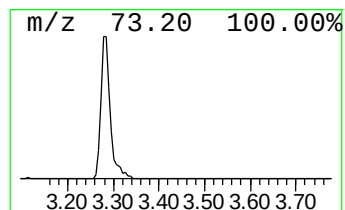
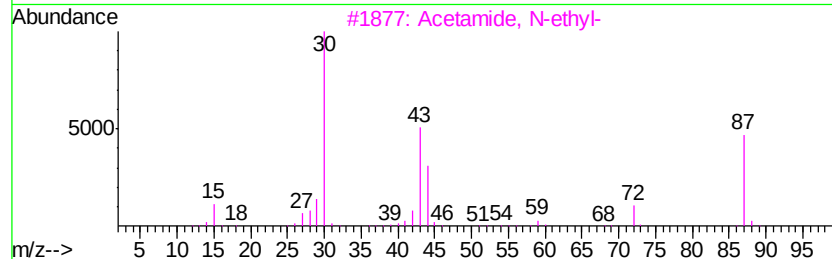
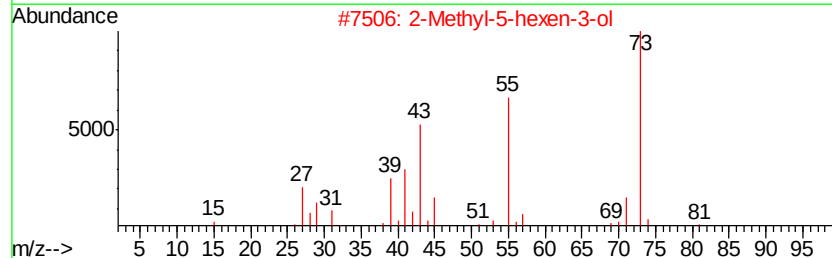
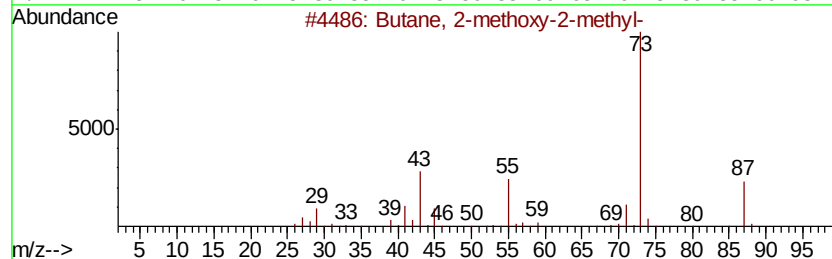
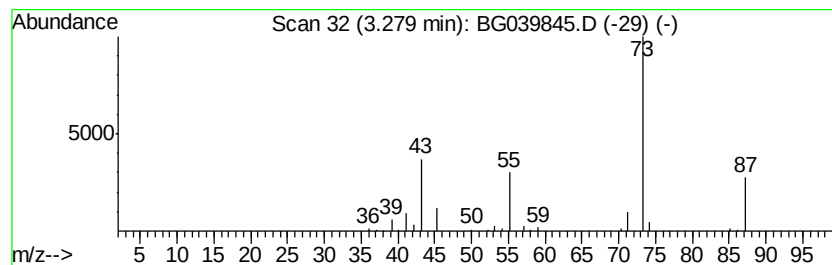
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.28	6.32 ng	84027	1,4-Dichlorobenzene-d4	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	33
3		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
4		1,4-Butanediamine	88	C4H12N2	000110-60-1	9
5		Silane, tetramethyl-	88	C4H12Si	000075-76-3	9



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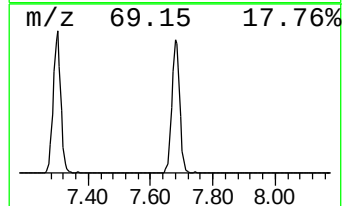
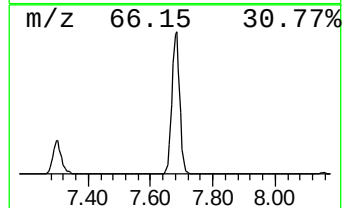
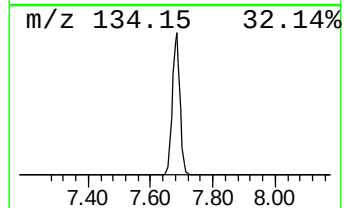
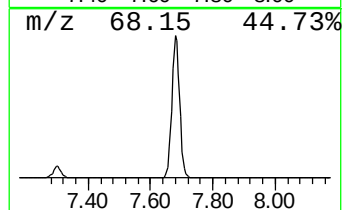
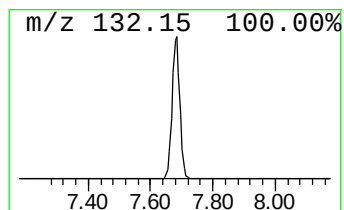
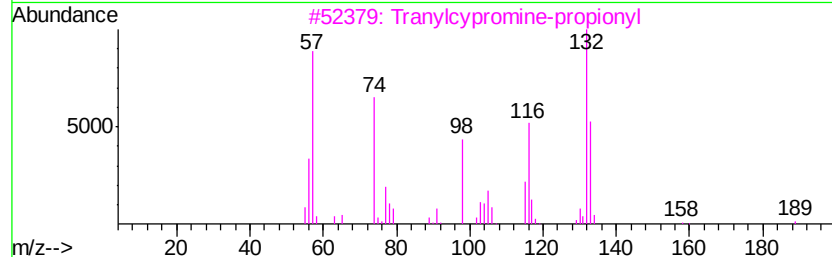
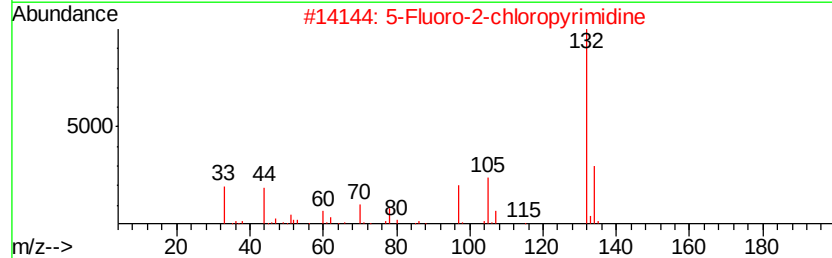
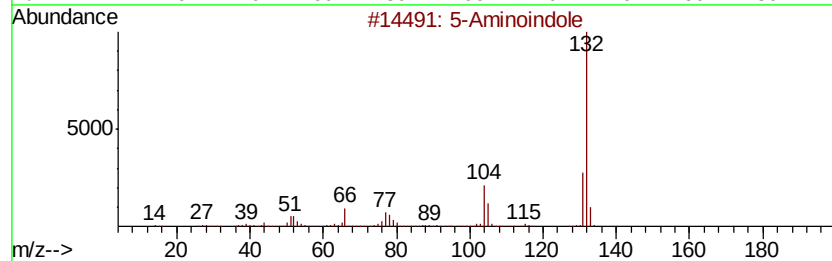
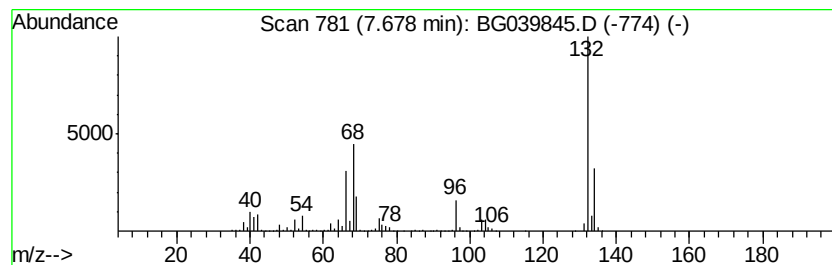
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Peak Number 3 unknown7.68 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	105.67 ng	1404710	1,4-Dichlorobenzene-d4	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Aminoindole	132	C8H8N2	005192-03-0	22
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3		Tranvlcyproline-propionyl	189	C12H15NO	1000123-86-3	12
4		(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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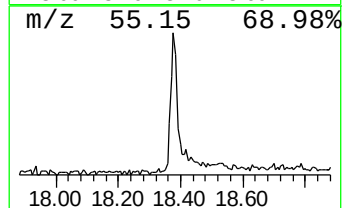
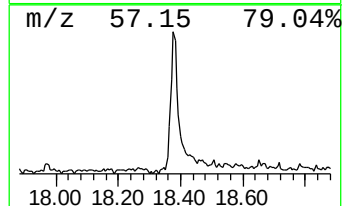
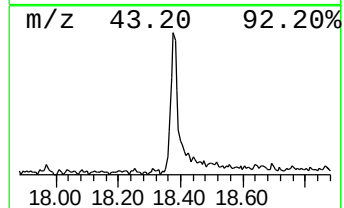
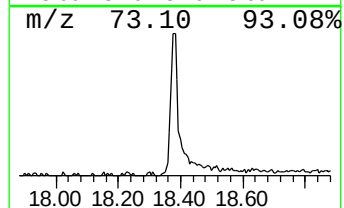
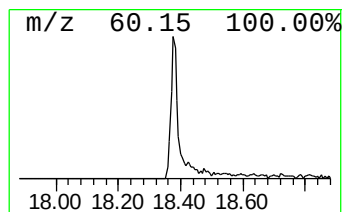
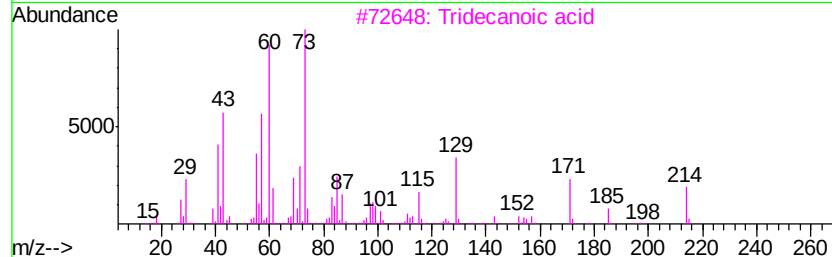
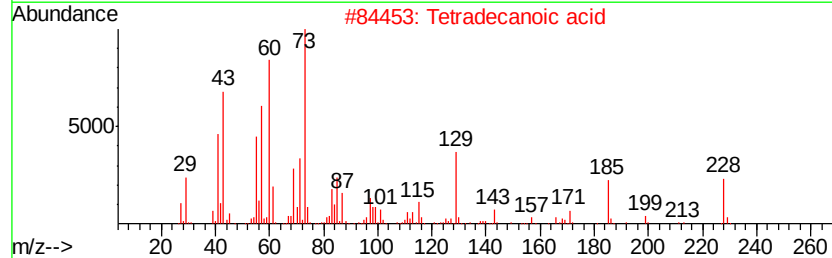
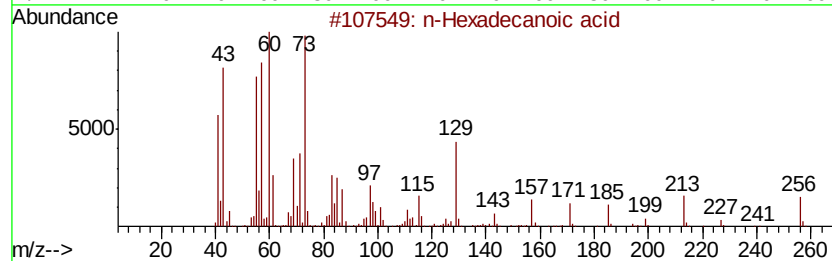
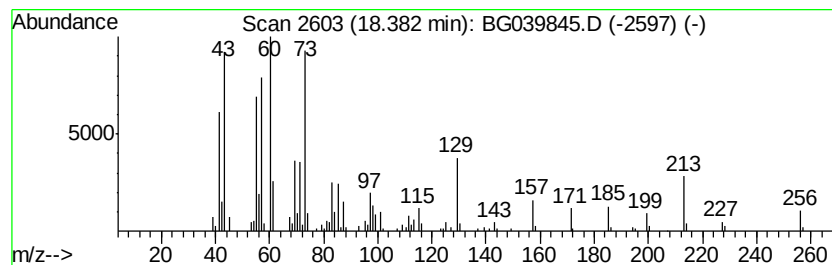
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 Peak Number 5 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.38	5.21 ng	213943	Phenanthrene-d10	17.52	
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	80
3	Tridecanoic acid	214	C13H26O2	000638-53-9	72
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	52
5	n-Decanoic acid	172	C10H20O2	000334-48-5	49



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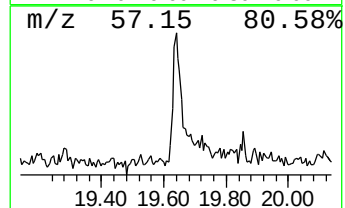
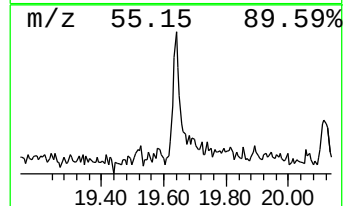
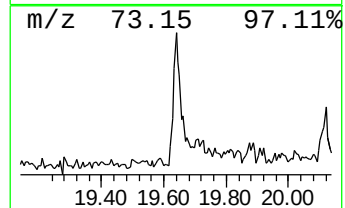
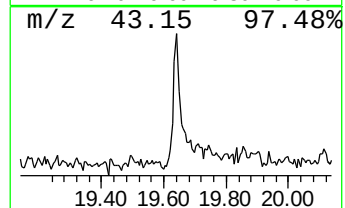
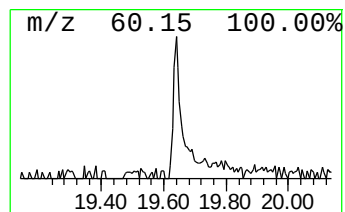
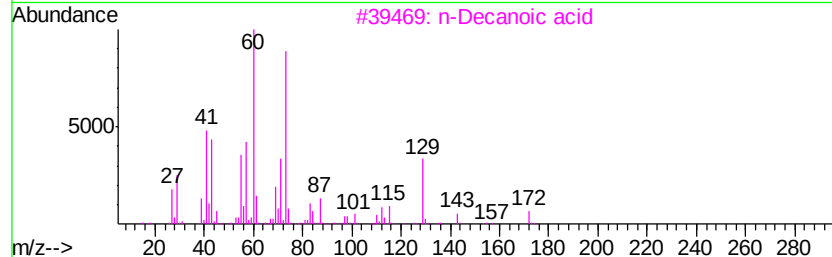
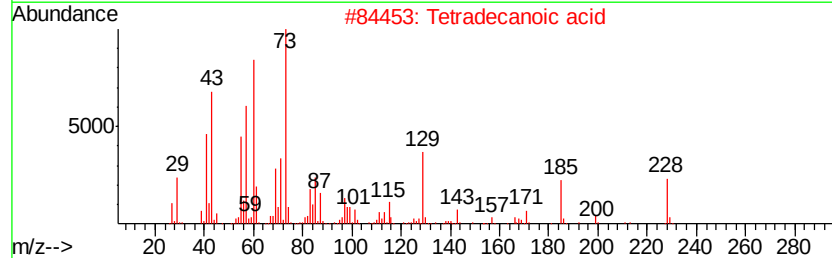
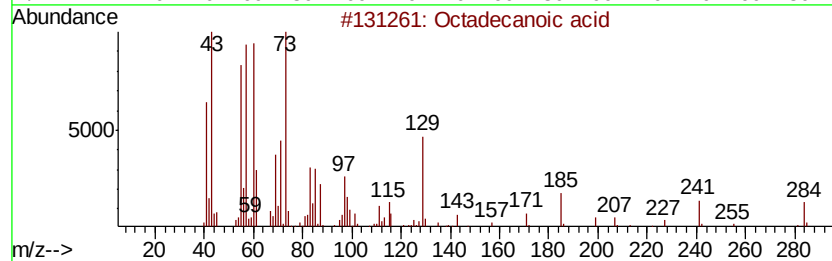
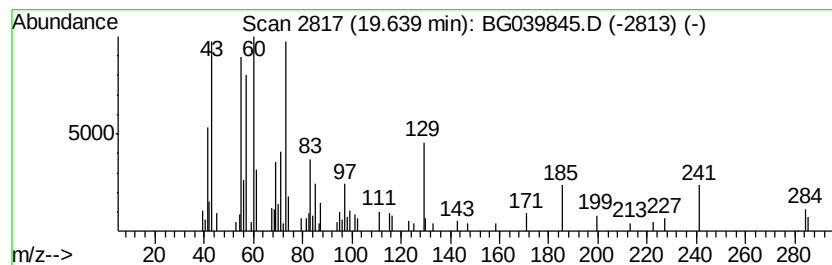
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Peak Number 6 Octadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD		R.T.
19.64	2.33 ng	95689	Phenanthrene-d10		17.52
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	93
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
3	n-Decanoic acid	172	C10H20O2	000334-48-5	52
4	Lactose	342	C12H22O11	000063-42-3	52
5	Nonanoic acid	158	C9H18O2	000112-05-0	30



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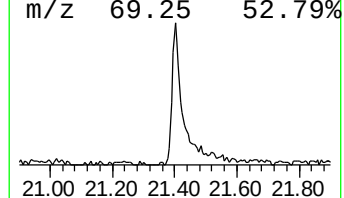
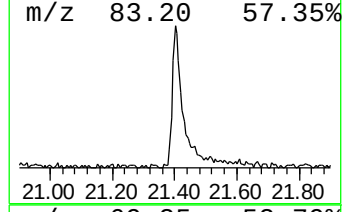
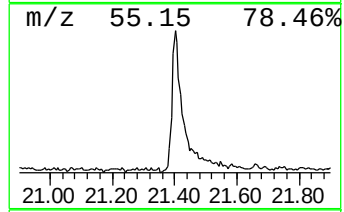
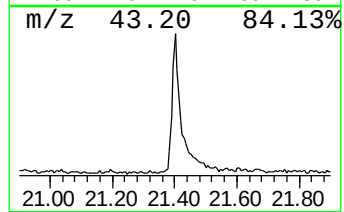
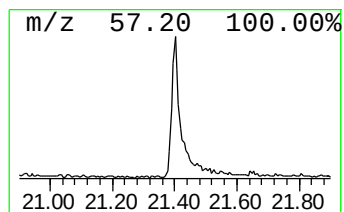
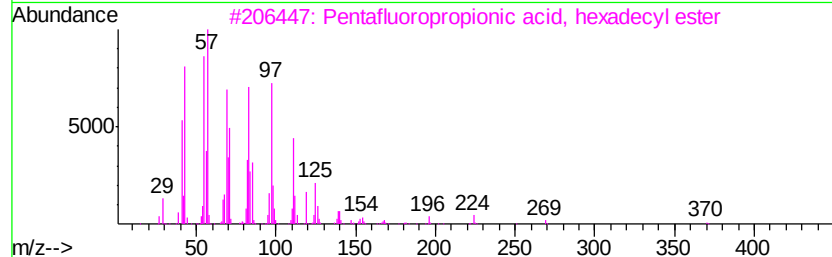
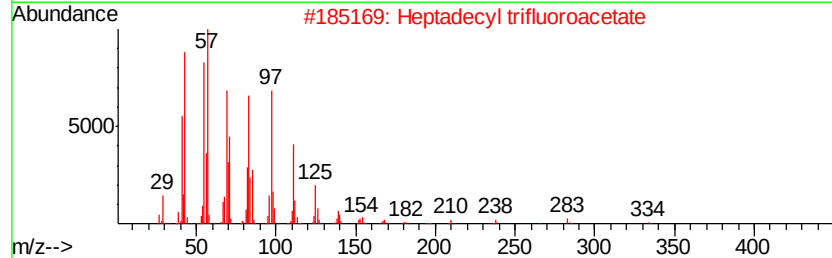
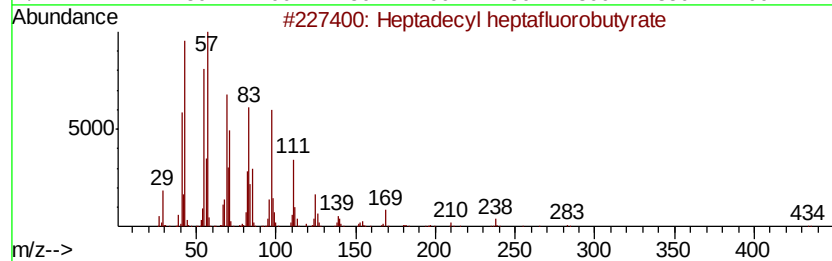
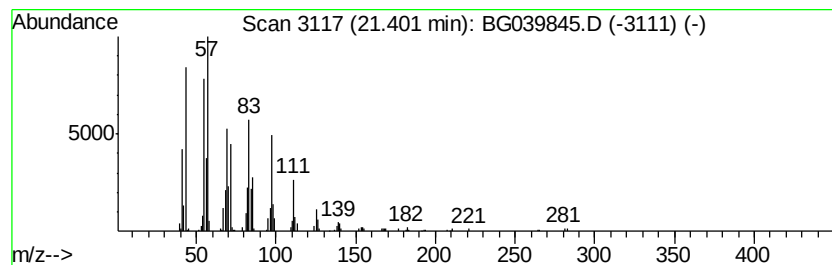
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Peak Number 7 Heptadecyl heptafluorobutyrate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
21.40	6.93 ng	334280	Chrysene-d12	21.81		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	95
2		Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	94
3		Pentafluoropropionic acid, hexadecyl ester	388	C19H33F5O2	006222-07-7	91
4		Heptafluorobutyric acid, n-octadecyl ester	466	C22H37F7O2	000400-57-7	91
5		Eicosyl pentafluoropropionate	444	C23H41F5O2	1000351-80-8	91



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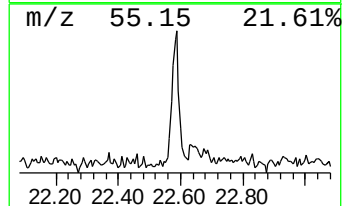
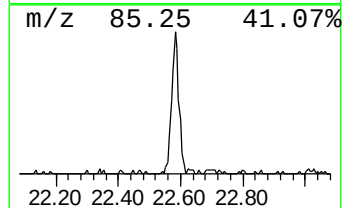
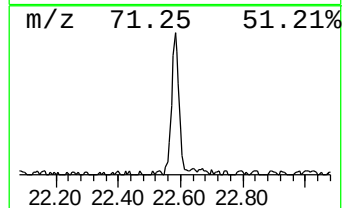
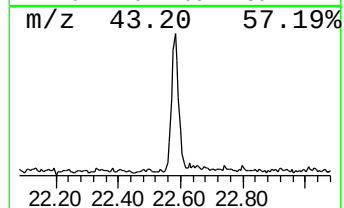
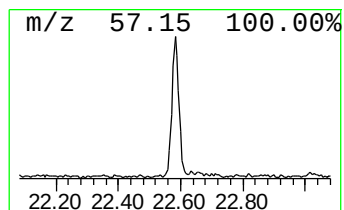
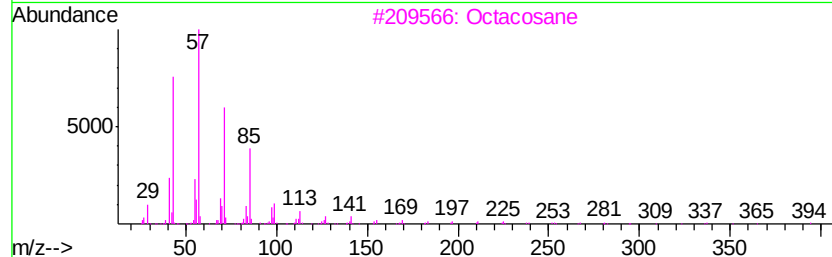
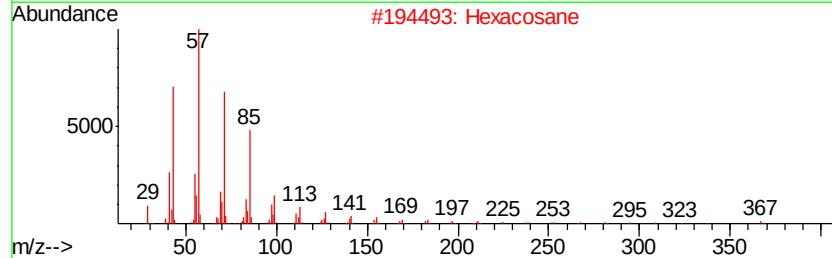
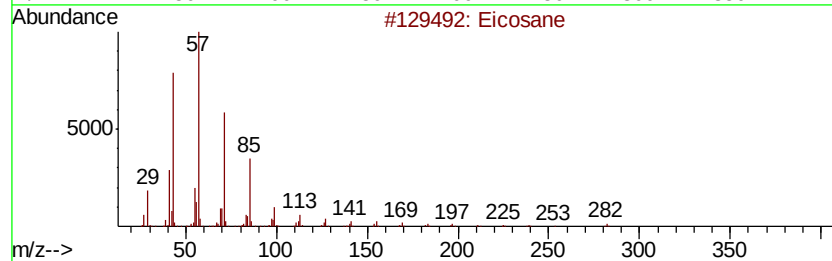
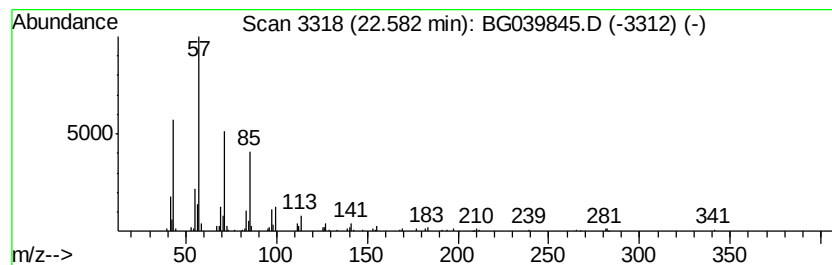
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Eicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.58	2.79 ng	134765	Chrysene-d12	21.81

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	96
2	Hexacosane		366	C26H54	000630-01-3	90
3	Octacosane		394	C28H58	000630-02-4	90
4	Heneicosane		296	C21H44	000629-94-7	87
5	Tetracosane		338	C24H50	000646-31-1	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031119\
 Data File : BG039845.D
 Acq On : 11 Mar 2019 17:11
 Operator : JU/SJ
 Sample : K1807-33
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

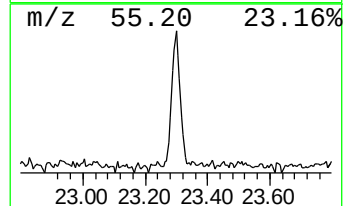
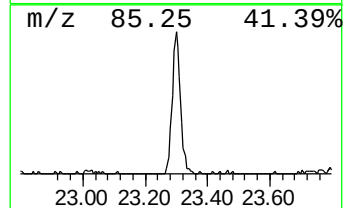
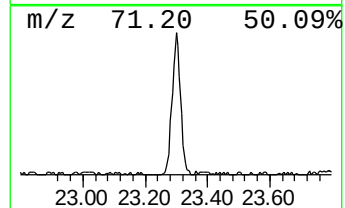
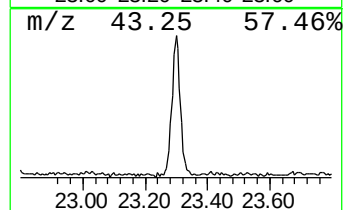
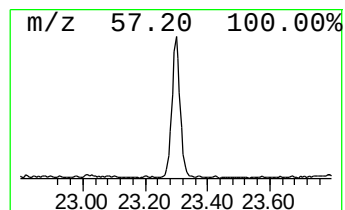
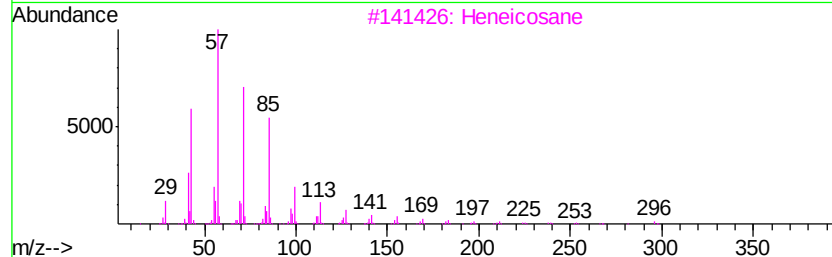
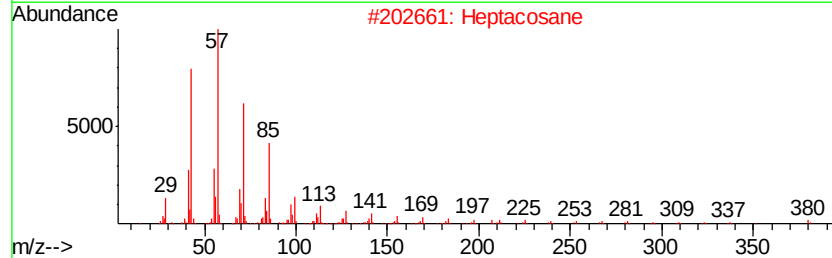
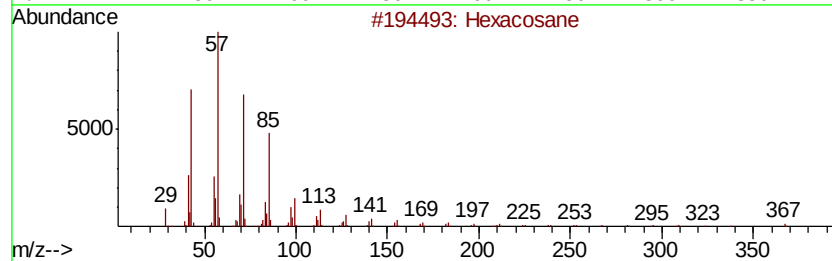
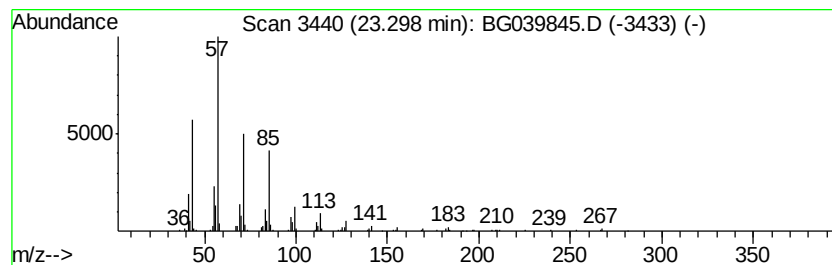
Instrument :
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 ClientSampleId :
 TP-12

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

 Peak Number 9 Hexacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.
23.30	4.15 ng	200053	Chrysene-d12		21.81
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Heptacosane	380	C27H56	000593-49-7	91
3	Heneicosane	296	C21H44	000629-94-7	90
4	Octacosane	394	C28H58	000630-02-4	90
5	2-methyloctacosane	408	C29H60	1000376-72-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031119\
Data File : BG039845.D
Acq On : 11 Mar 2019 17:11
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Sample : K1807-33
Misc :
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Instrument :
BNA_G
ClientSampleId :
TP-12

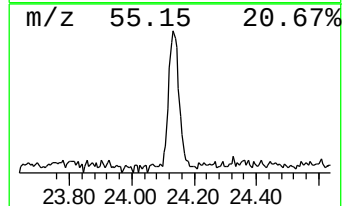
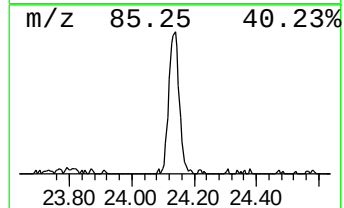
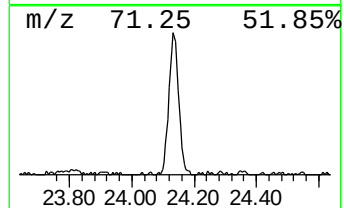
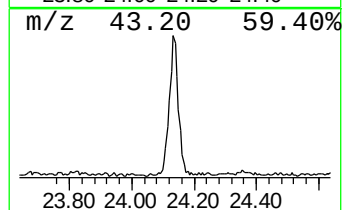
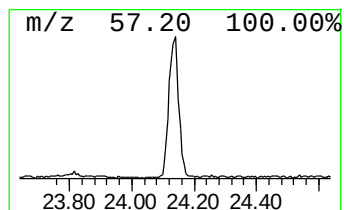
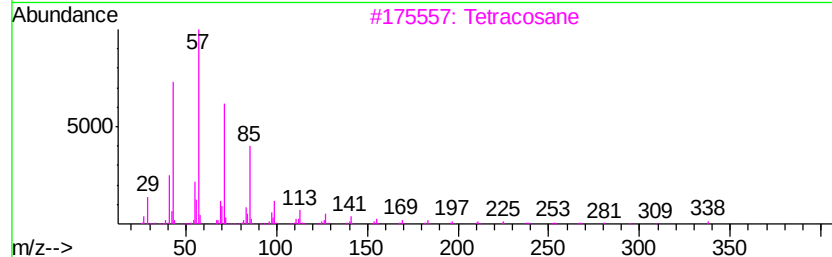
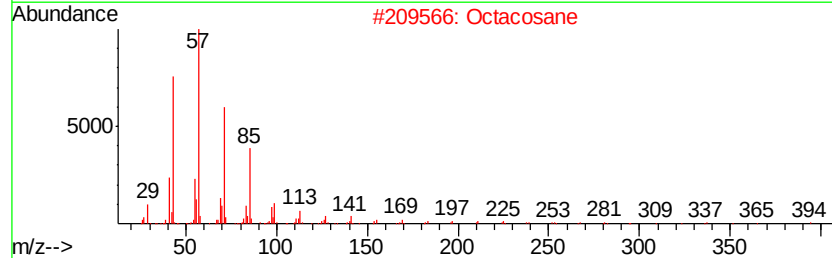
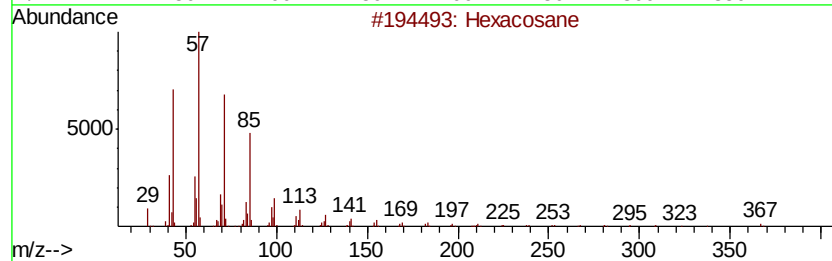
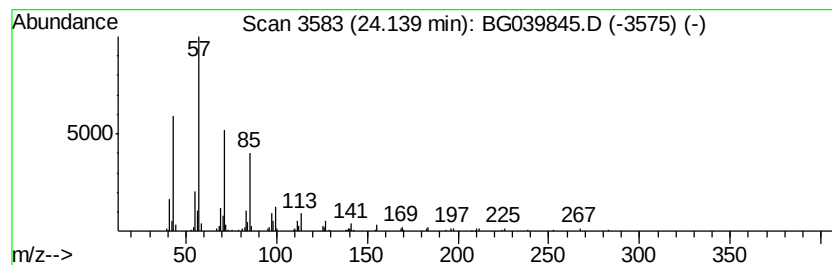
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Octacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.14	5.12 ng	230069	Perylene-d12	25.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	93
2		Octacosane	394	C28H58	000630-02-4	91
3		Tetracosane	338	C24H50	000646-31-1	90
4		Heptacosane	380	C27H56	000593-49-7	87
5		Heneicosane	296	C21H44	000629-94-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031119\
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Operator : JU/SJ
Sample : K1807-33
Misc :
ALS Vial : 11 Sample Multiplier: 1

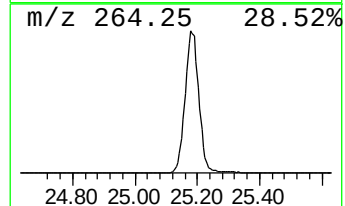
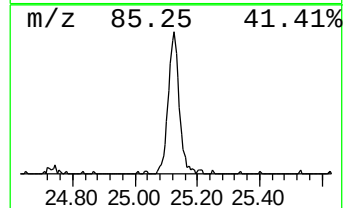
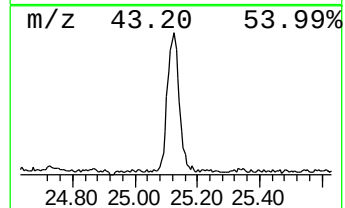
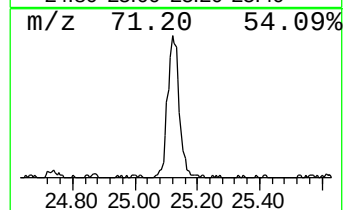
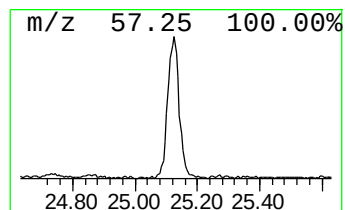
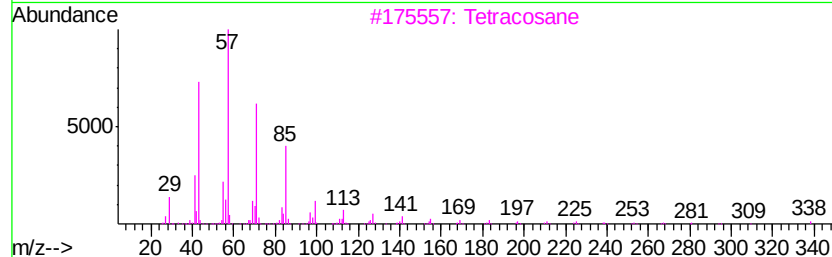
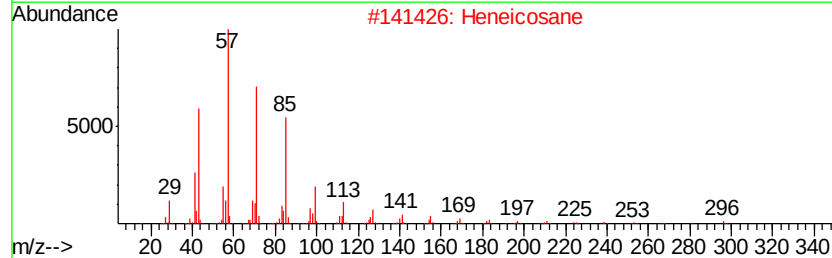
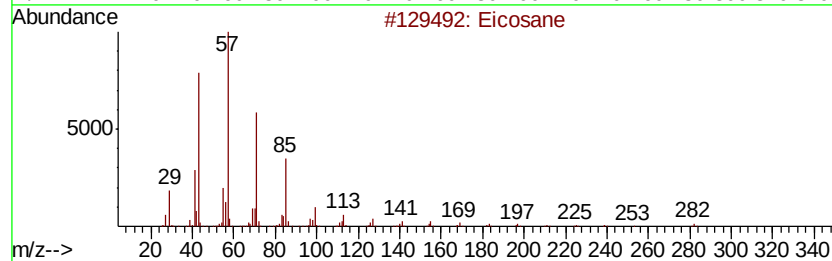
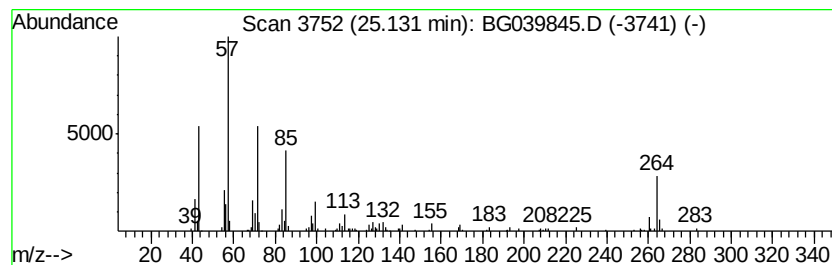
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ClientSampleId :
TP-12

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

Peak Number 11 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.13	5.32 ng	238888	Perylene-d12	25.18
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosane	282 C20H42	000112-95-8	87
2	Heneicosane	296 C21H44	000629-94-7	87
3	Tetracosane	338 C24H50	000646-31-1	87
4	Hexacosane	366 C26H54	000630-01-3	81
5	2-methyloctacosane	408 C29H60	1000376-72-8	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031119\
Data File : BG039845.D
Acq On : 11 Mar 2019 17:11
Operator : JU/SJ
Sample : K1807-33
Misc :
ALS Vial : 11 Sample Multiplier: 1

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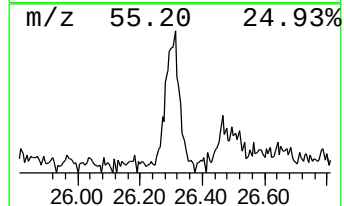
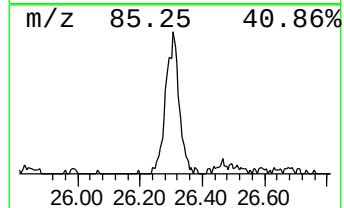
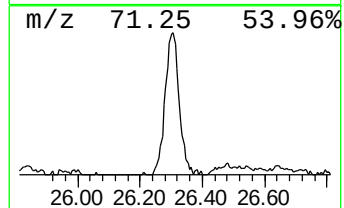
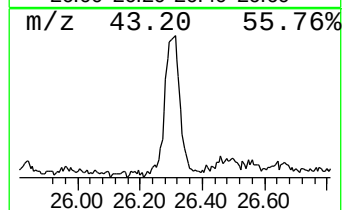
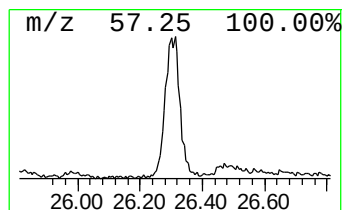
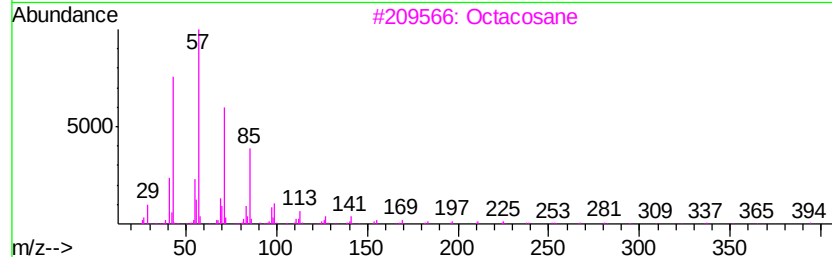
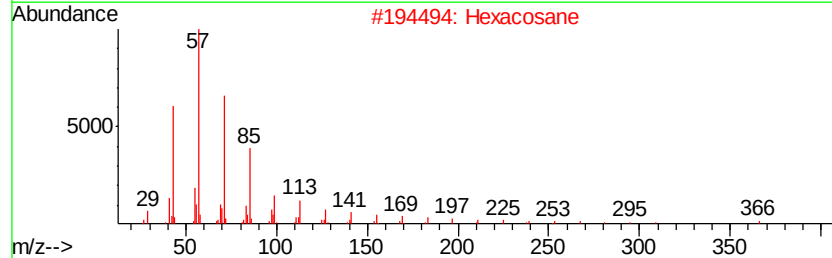
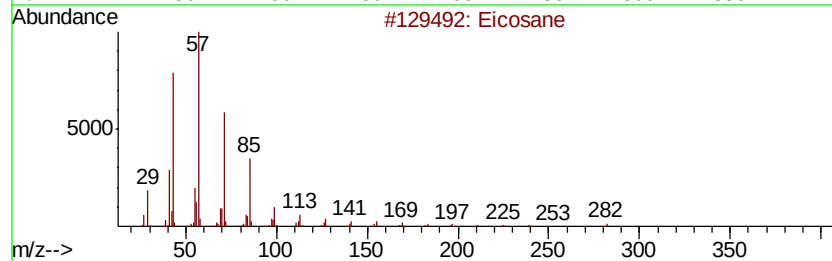
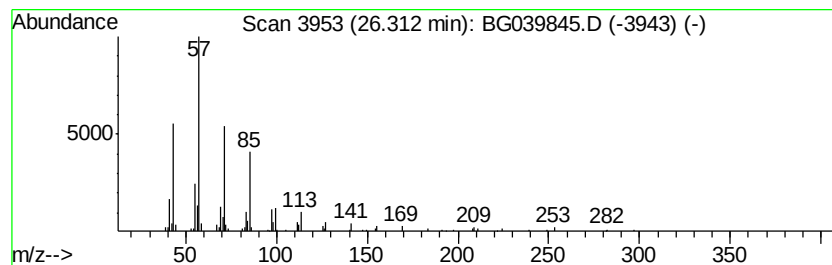
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown26.31 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.31	4.06 ng	182199	Perylene-d12	25.18

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane			282	C20H42	000112-95-8	93
2	Hexacosane			366	C26H54	000630-01-3	90
3	Octacosane			394	C28H58	000630-02-4	90
4	Tetracosane			338	C24H50	000646-31-1	90
5	2-methyloctacosane			408	C29H60	1000376-72-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031119\
Data File : BG039845.D
Acq On : 11 Mar 2019 17:11
Operator : JU/SJ
Sample : K1807-33
Misc :
ALS Vial : 11 Sample Multiplier: 1

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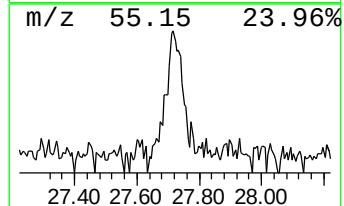
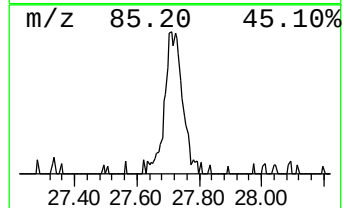
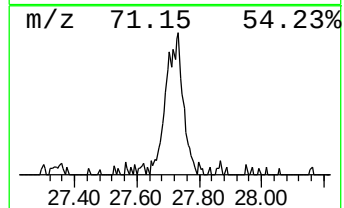
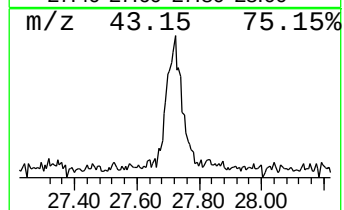
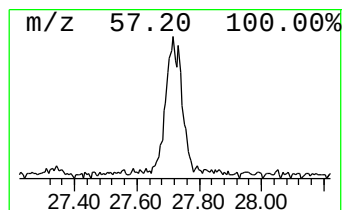
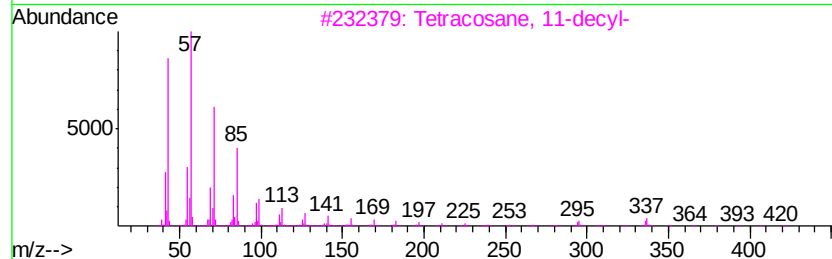
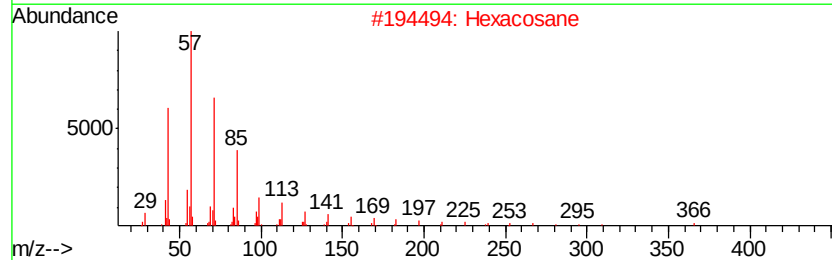
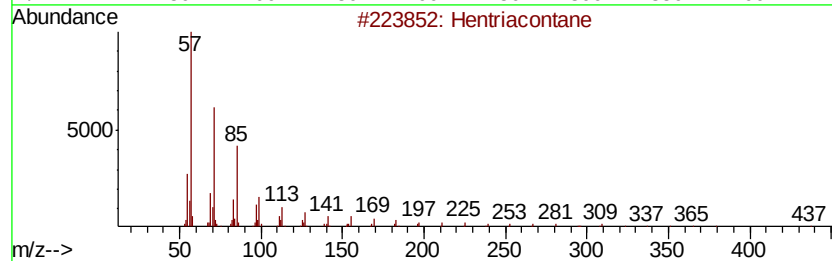
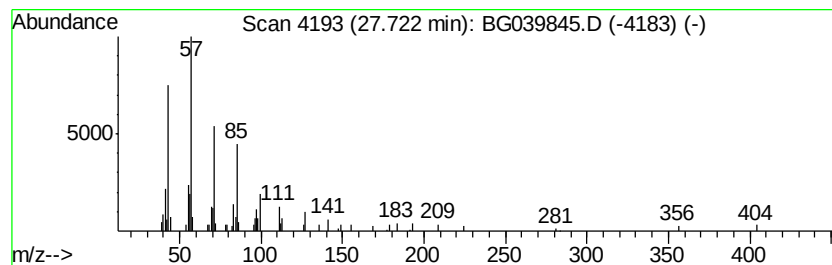
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Hentriacontane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.72	2.46 ng	110460	Perylene-d12	25.18

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hentriacontane	437	C31H64	000630-04-6	87
2			Hexacosane	366	C26H54	000630-01-3	87
3			Tetracosane, 11-decyl-	479	C34H70	055429-84-0	86
4			Tetratetracontane	619	C44H90	007098-22-8	83
5			Tritetracontane	605	C43H88	007098-21-7	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031119\
Data File : BG039845.D
Acq On : 11 Mar 2019 17:11
Operator : JU/SJ
Sample : K1807-33
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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unknown7.68	7.68	105.7	ng	1404710	1	8.15	265862	20.0
n-Hexadecanoic acid	18.38	5.2	ng	213943	4	17.52	820512	20.0
Octadecanoic acid	19.64	2.3	ng	95689	4	17.52	820512	20.0
Heptadecyl heptaf...	21.40	6.9	ng	334280	5	21.81	964362	20.0
Eicosane	22.58	2.8	ng	134765	5	21.81	964362	20.0
Hexacosane	23.30	4.2	ng	200053	5	21.81	964362	20.0
Octacosane	24.14	5.1	ng	230069	6	25.18	898502	20.0
Heneicosane	25.13	5.3	ng	238888	6	25.18	898502	20.0
unknown26.31	26.31	4.1	ng	182199	6	25.18	898502	20.0
Hentriacontane	27.72	2.5	ng	110460	6	25.18	898502	20.0