

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022619\
 Data File : BG039607.D
 Acq On : 26 Feb 2019 19:20
 Operator : JU/SJ
 Sample : K1610-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WV-C

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-BG012919.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	3.223	17	23	30	rBV	90478	188075	4.53%	0.706%
2	3.293	31	35	46	rVB	58021	90334	2.17%	0.339%
3	5.714	438	447	458	rBV	1224478	1950234	46.93%	7.324%
4	7.317	712	720	731	rBV	1269038	2265633	54.52%	8.509%
5	7.699	776	785	797	rVB	1158303	2047220	49.27%	7.688%
6	8.169	857	865	875	rVB	219273	382383	9.20%	1.436%
7	8.492	912	920	928	rBV	841713	1470777	35.40%	5.524%
8	9.344	1057	1065	1076	rBV	736287	1314277	31.63%	4.936%
9	10.989	1337	1345	1353	rBV	302598	553541	13.32%	2.079%
10	13.415	1747	1758	1765	rBV	1874886	2899805	69.79%	10.890%
11	14.231	1891	1897	1903	rBV	108533	153208	3.69%	0.575%
12	14.789	1986	1992	2000	rBV2	507408	820710	19.75%	3.082%
13	16.276	2238	2245	2254	rBV	1724717	2622414	63.11%	9.848%
14	17.533	2452	2459	2471	rBV	715338	1099233	26.45%	4.128%
15	18.385	2598	2604	2615	rBV	119551	201669	4.85%	0.757%
16	19.648	2814	2819	2823	rBV4	36123	57932	1.39%	0.218%
17	20.123	2894	2900	2909	rBV	3002985	4155289	100.00%	15.605%
18	21.410	3115	3119	3127	rBV4	49220	114674	2.76%	0.431%
19	21.668	3158	3163	3170	rVB	201232	280726	6.76%	1.054%
20	21.821	3181	3189	3202	rVB2	687075	1225242	29.49%	4.601%
21	21.968	3210	3214	3219	rVB	71417	102183	2.46%	0.384%
22	22.602	3316	3322	3328	rBV	103810	177390	4.27%	0.666%
23	23.319	3437	3444	3454	rVB	138157	270301	6.50%	1.015%
24	23.525	3473	3479	3485	rVB2	44493	85823	2.07%	0.322%
25	24.159	3579	3587	3595	rVB	128370	281350	6.77%	1.057%
26	25.199	3747	3764	3776	rBV3	392122	1444679	34.77%	5.425%
27	26.339	3949	3958	3970	rVB3	69289	220200	5.30%	0.827%
28	27.766	4190	4201	4215	rVB3	40539	152284	3.66%	0.572%

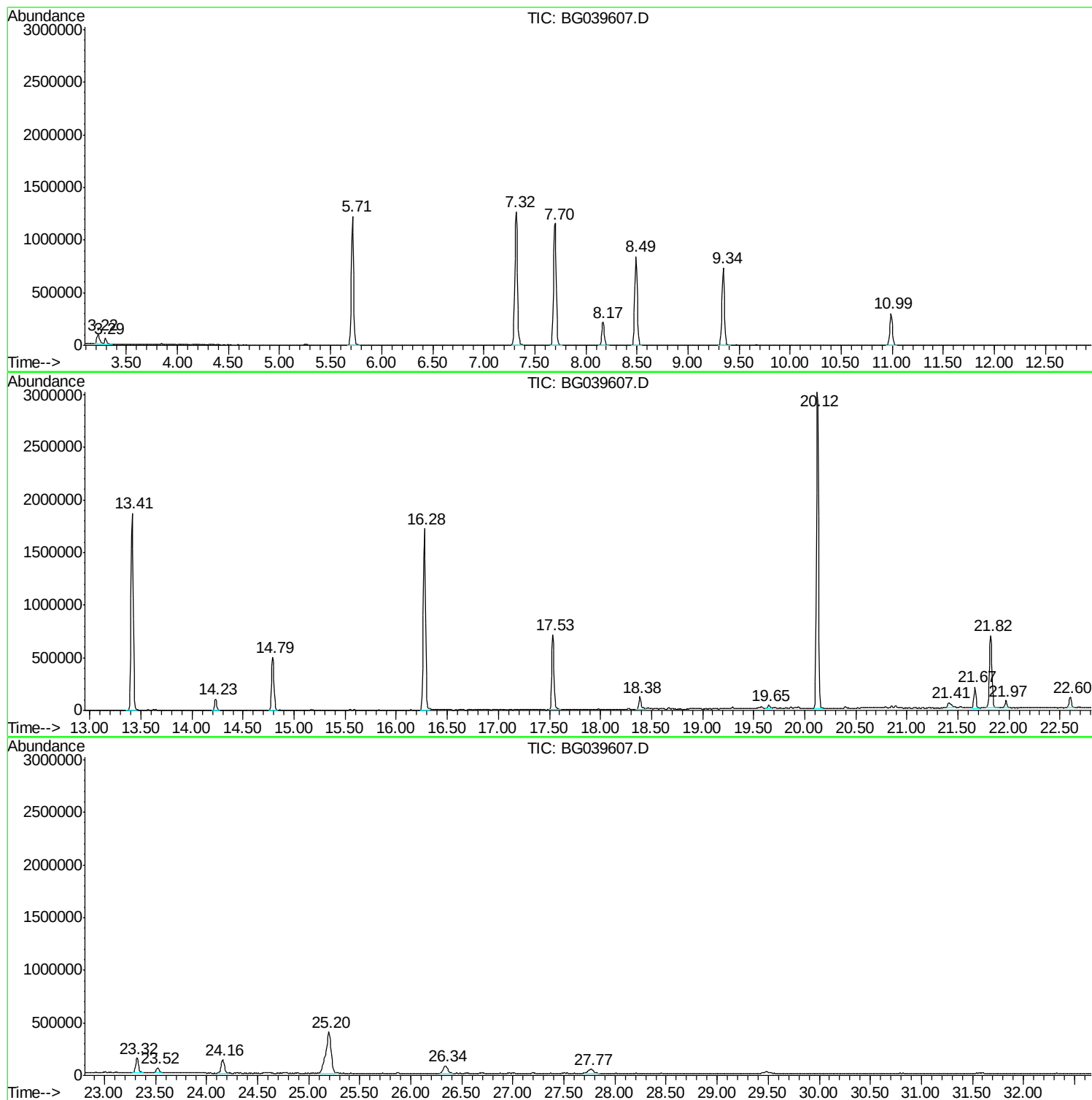
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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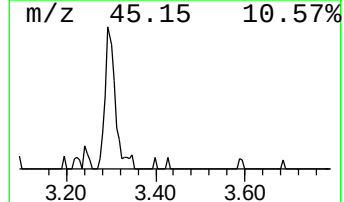
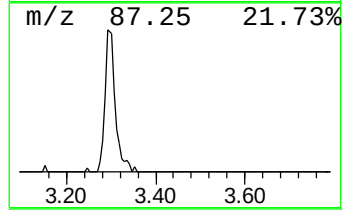
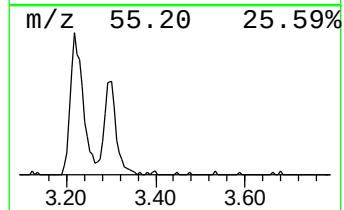
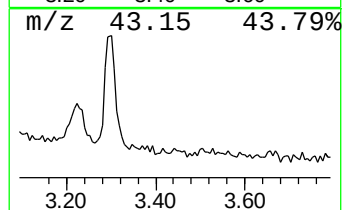
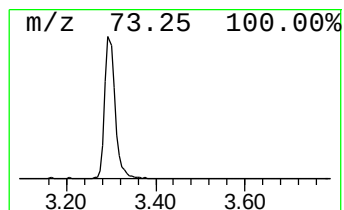
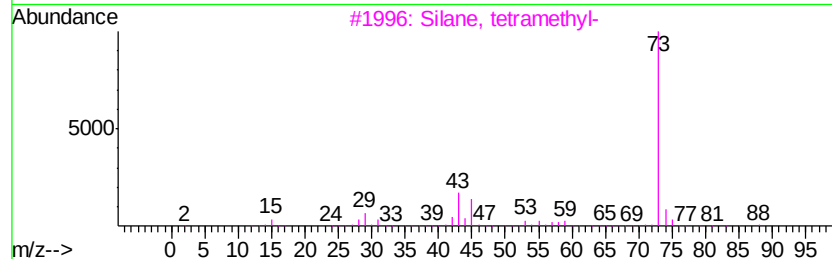
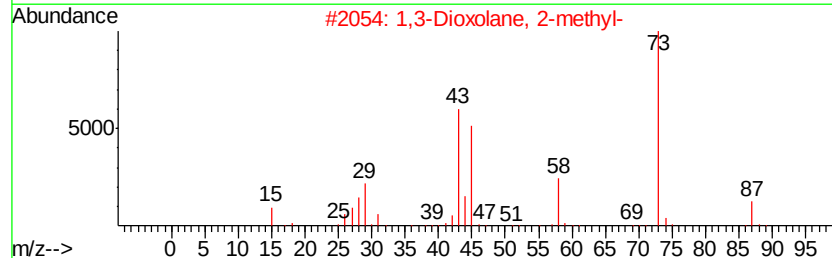
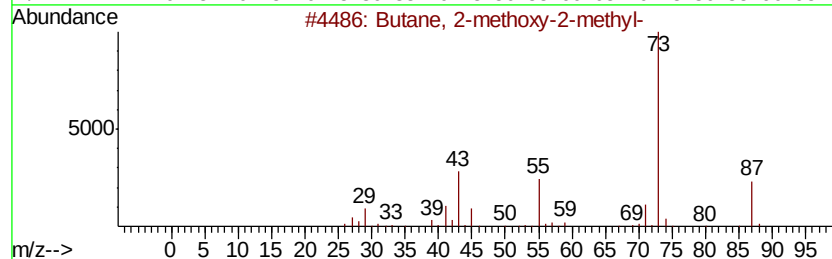
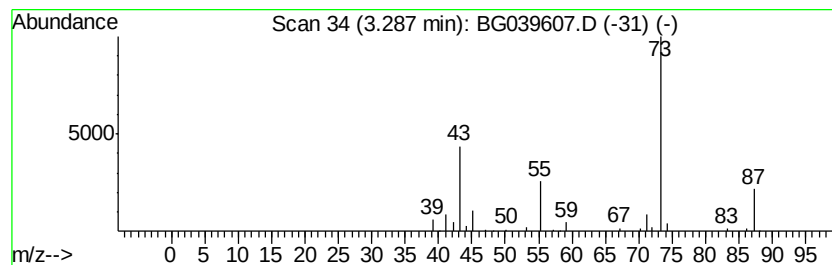
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.29	4.72 ng	90334	1,4-Dichlorobenzene-d4	8.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
3		Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
4		Acetamide, N-(2-hydroxy-3-penten...	143	C7H13NO2	093393-95-4	9
5		2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	9



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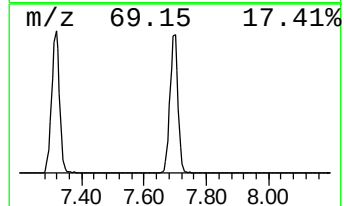
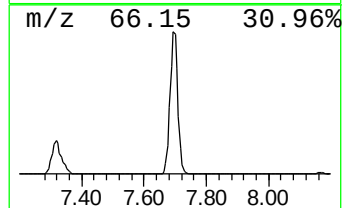
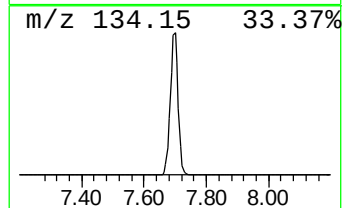
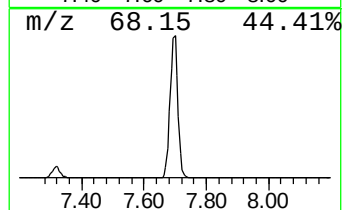
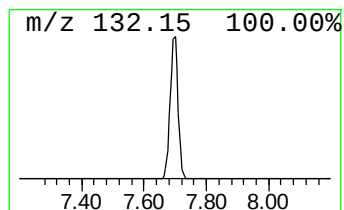
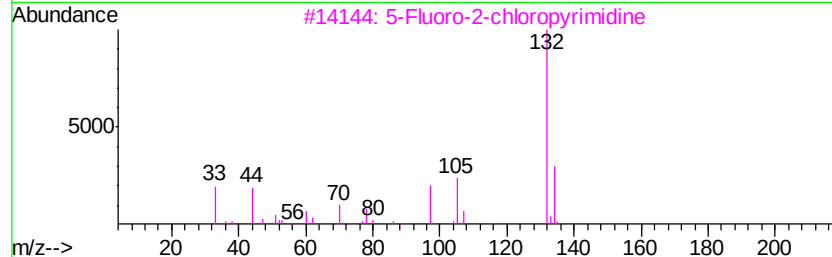
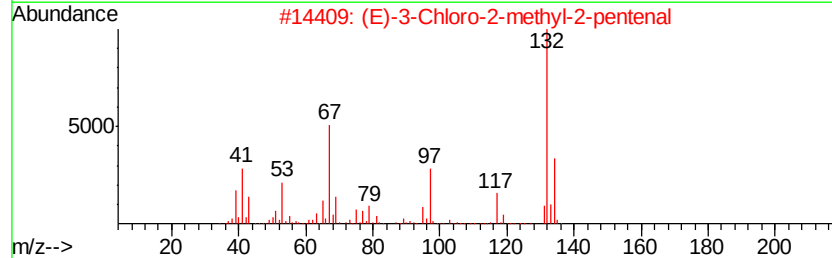
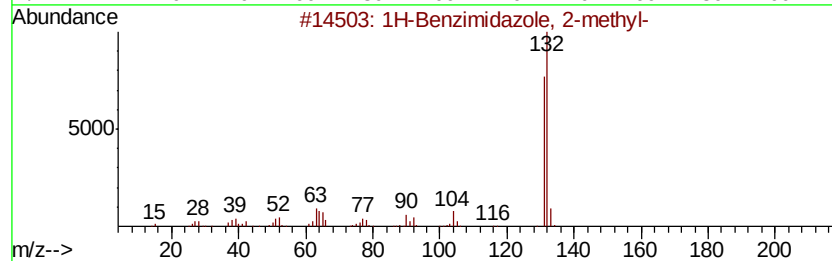
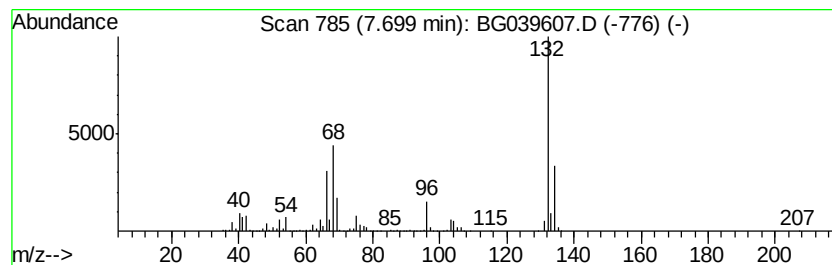
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Peak Number 3 unknown7.70 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.70	107.08 ng	2047220	1,4-Dichlorobenzene-d4	8.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
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		(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10
5		Xenon	132	Xe	007440-63-3	9



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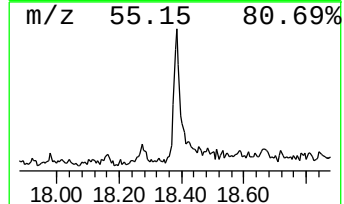
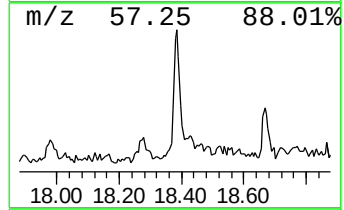
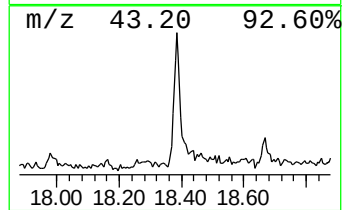
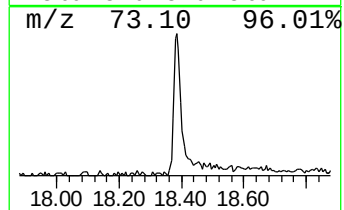
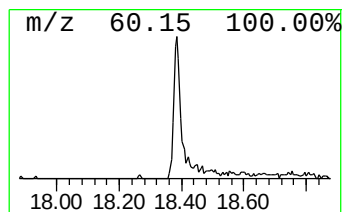
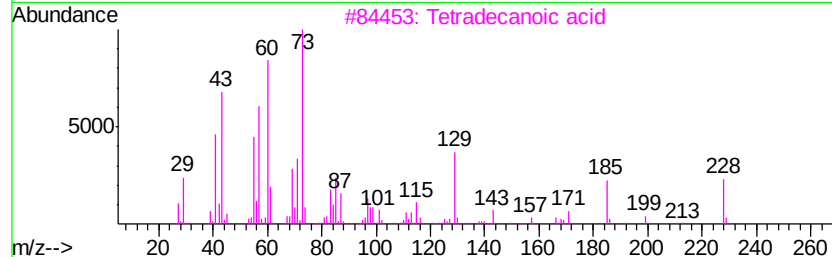
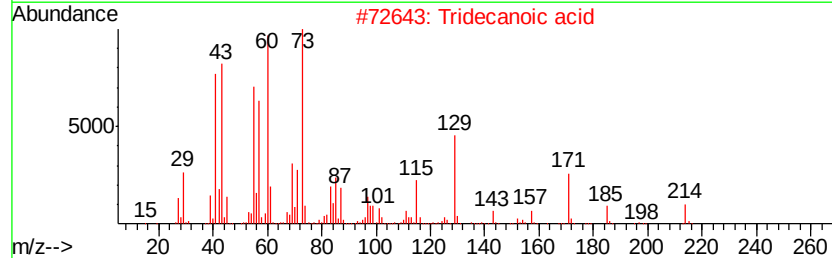
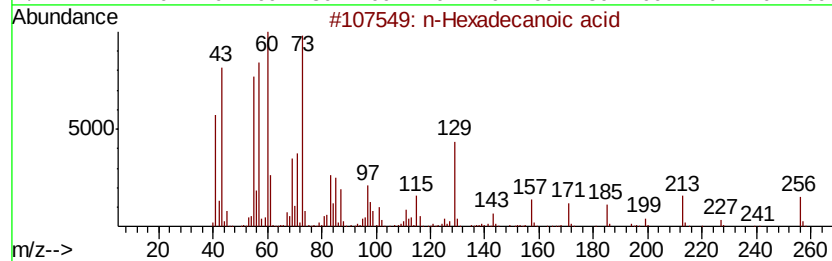
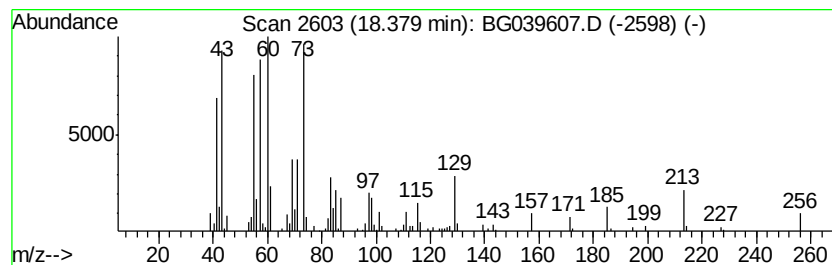
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Peak Number 5 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	3.67 ng	201669	Phenanthrene-d10	17.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	62
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	58
5	n-Decanoic acid	172	C10H20O2	000334-48-5	55



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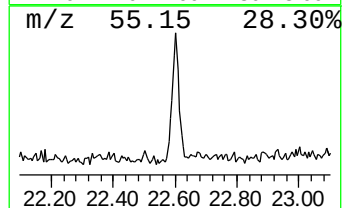
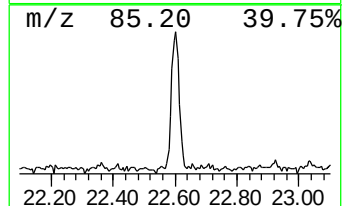
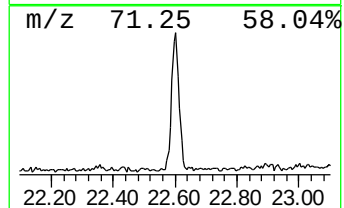
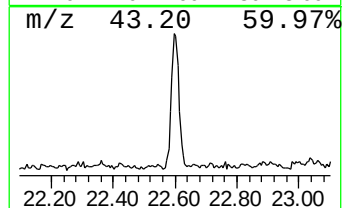
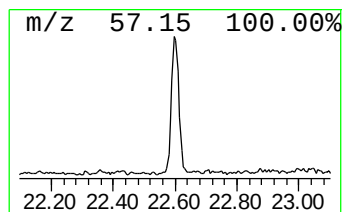
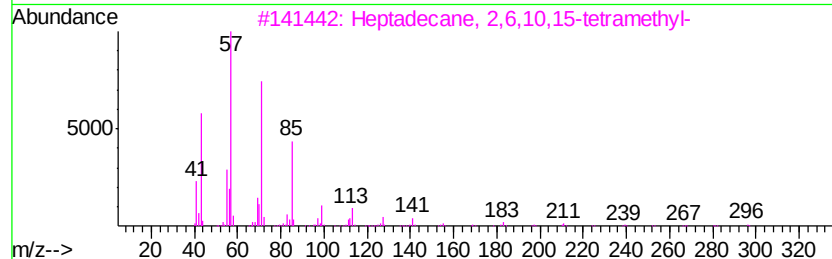
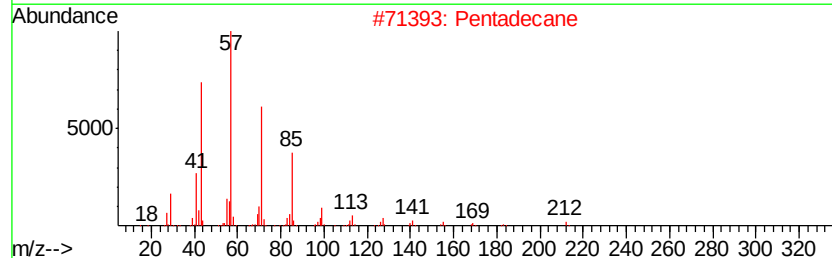
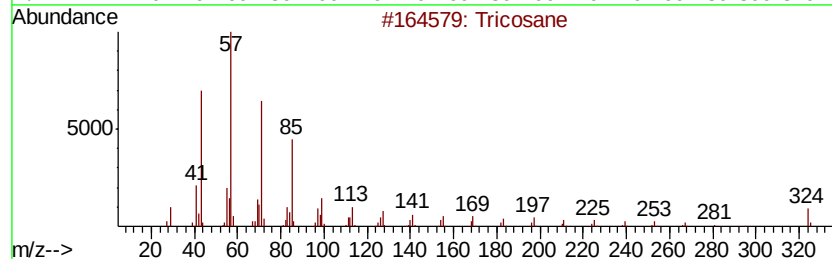
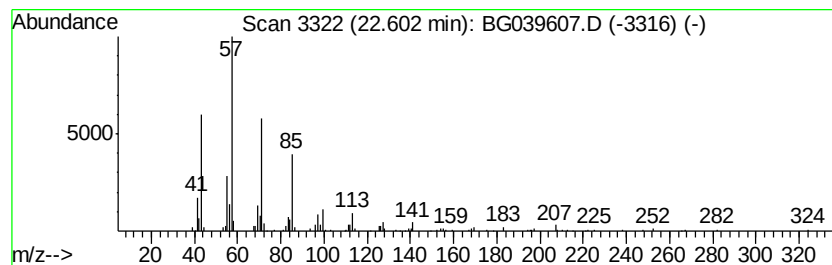
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Peak Number 6 Tricosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.
22.60	2.90 ng	177390	Chrysene-d12		21.82
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	94
2	Pentadecane	212	C15H32	000629-62-9	93
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
4	Nonadecane	268	C19H40	000629-92-5	91
5	Tetracosane	338	C24H50	000646-31-1	90



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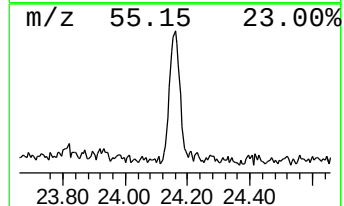
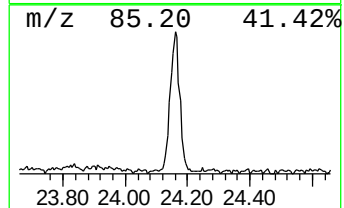
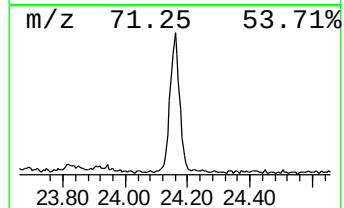
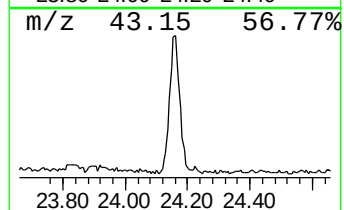
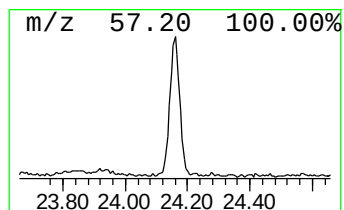
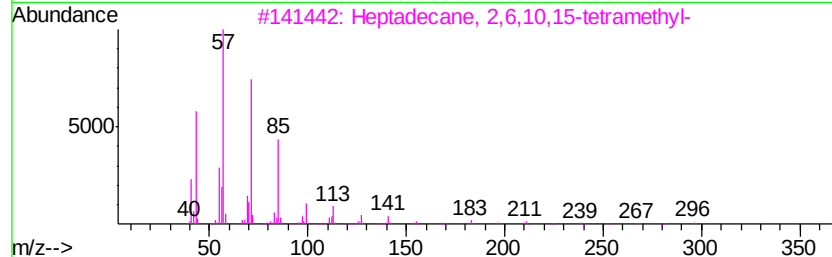
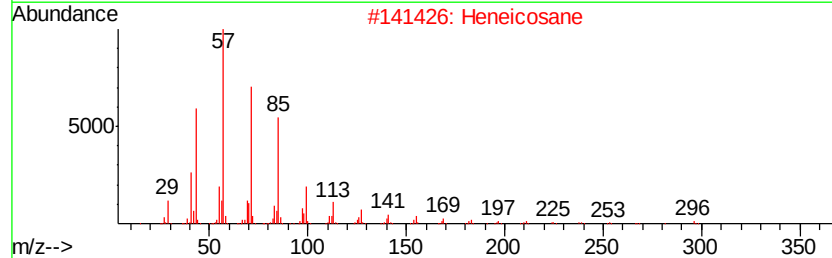
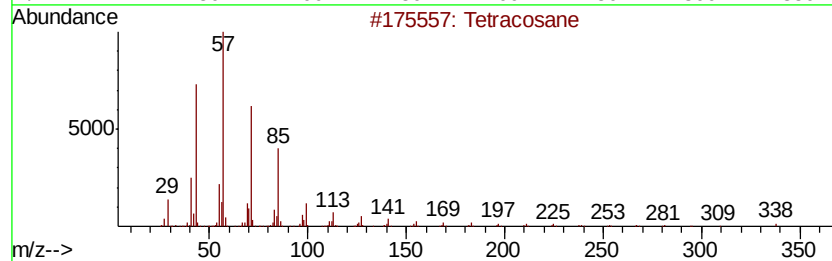
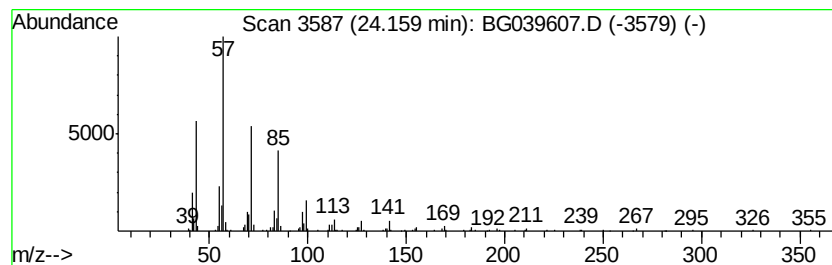
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TIC Library : C:\Database\NIST11.L
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Peak Number 8 Tetracosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.16	3.89 ng	281350	Perylene-d12	25.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	91
2		Heneicosane	296	C21H44	000629-94-7	90
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
4		Octacosane	394	C28H58	000630-02-4	90
5		Nonadecane	268	C19H40	000629-92-5	87



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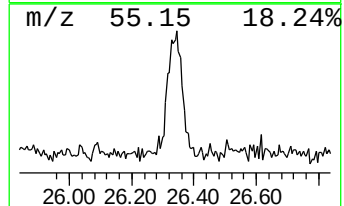
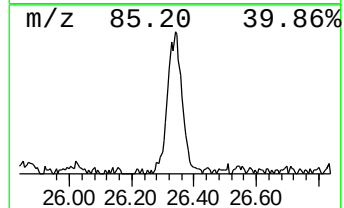
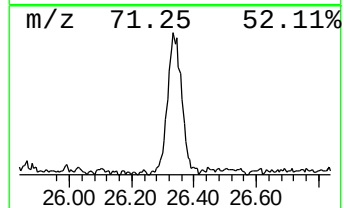
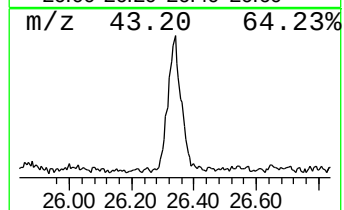
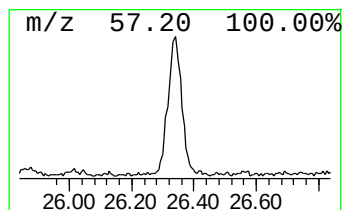
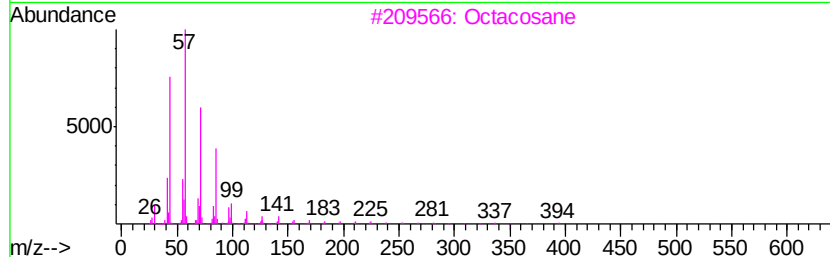
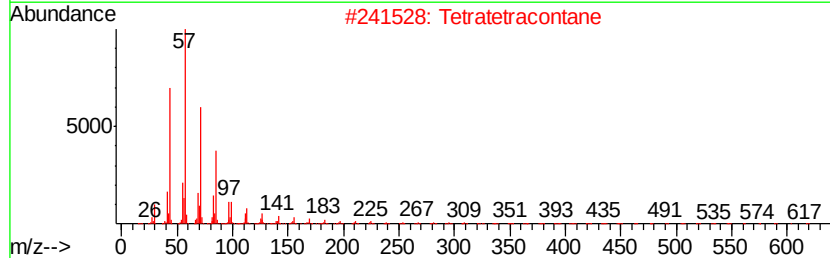
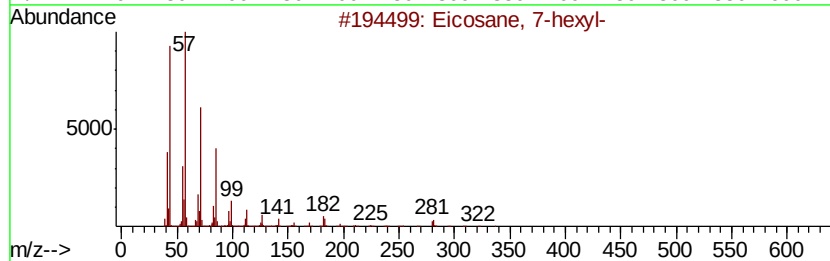
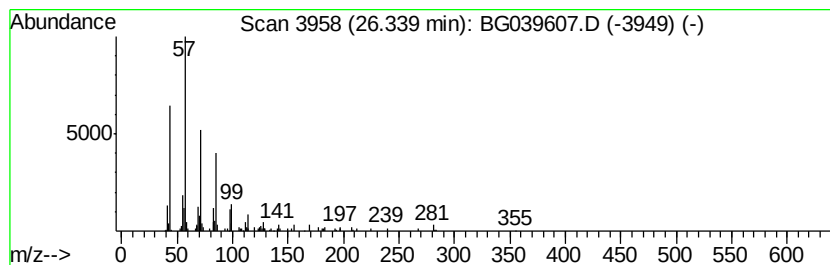
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Eicosane, 7-hexyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.34	3.05 ng	220200	Perylene-d12	25.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
2		Tetratetracontane	619	C44H90	007098-22-8	90
3		Octacosane	394	C28H58	000630-02-4	90
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
5		Hexatriacontane	507	C36H74	000630-06-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022619\
Data File : BG039607.D
Acq On : 26 Feb 2019 19:20
Operator : JU/SJ
Sample : K1610-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WV-C

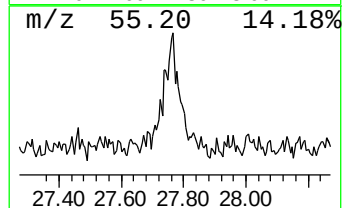
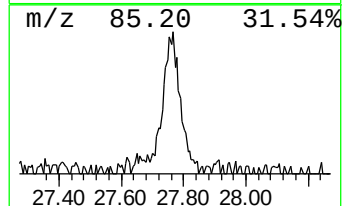
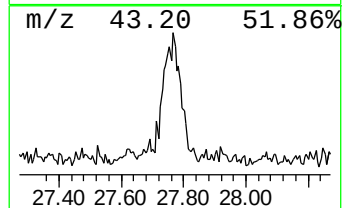
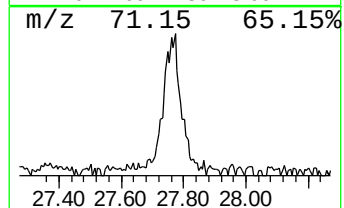
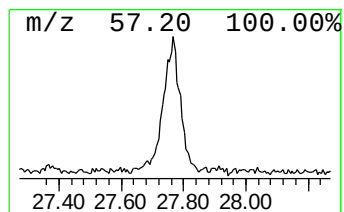
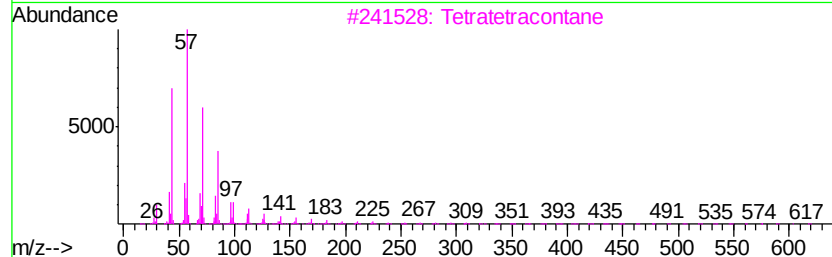
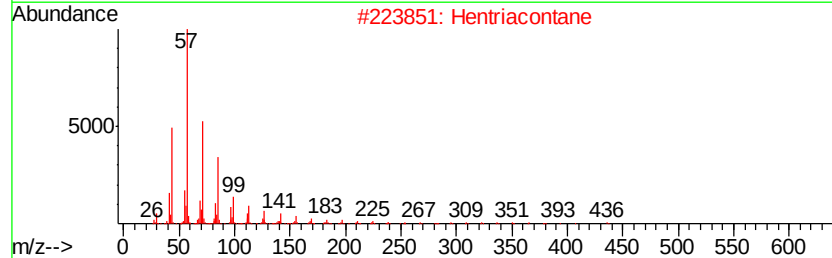
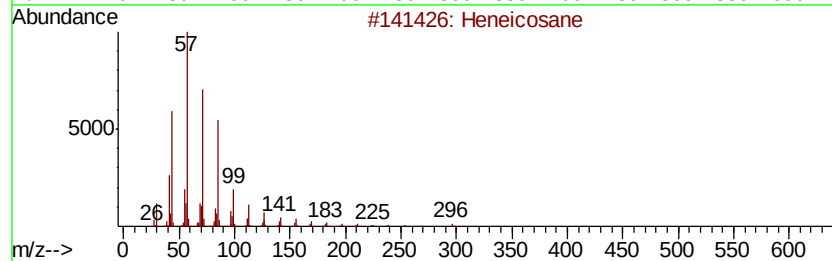
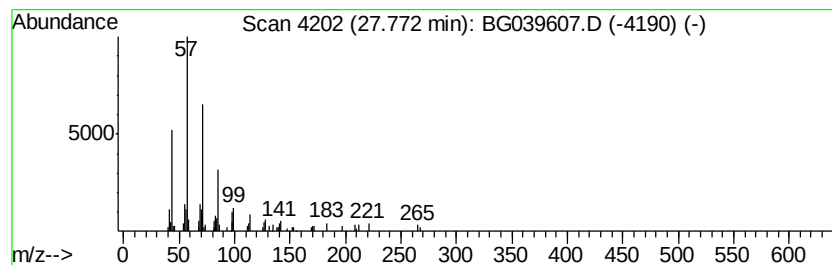
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heneicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.77	2.11 ng	152284	Perylene-d12	25.20

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	87
2	Hentriacontane		437	C31H64	000630-04-6	86
3	Tetratetracontane		619	C44H90	007098-22-8	86
4	Heptacosane		380	C27H56	000593-49-7	83
5	Octadecane		254	C18H38	000593-45-3	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG022619\
Data File : BG039607.D
Acq On : 26 Feb 2019 19:20
Operator : JU/SJ
Sample : K1610-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WV-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.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...	3.29	4.7	ng	90334	1	8.17	382383	20.0
unknown7.70	7.70	107.1	ng	2047220	1	8.17	382383	20.0
n-Hexadecanoic acid	18.38	3.7	ng	201669	4	17.53	1099230	20.0
Tricosane	22.60	2.9	ng	177390	5	21.82	1225240	20.0
Tetracosane	24.16	3.9	ng	281350	6	25.20	1444680	20.0
Eicosane, 7-hexyl-	26.34	3.0	ng	220200	6	25.20	1444680	20.0
Heneicosane	27.77	2.1	ng	152284	6	25.20	1444680	20.0