

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021119\
 Data File : BG039438.D
 Acq On : 11 Feb 2019 17:33
 Operator : JU/SJ
 Sample : K1453-15
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 M-9-D

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-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	3.224	17	23	31	rBV	73260	139409	3.11%	0.544%
2	3.295	31	35	43	rVB	52668	79672	1.78%	0.311%
3	5.251	360	368	377	rVB	68711	109394	2.44%	0.427%
4	5.709	438	446	457	rBV	1137715	1801393	40.16%	7.032%
5	7.307	710	718	732	rBV	1183719	2153614	48.01%	8.407%
6	7.695	774	784	791	rBV	1108060	1917448	42.74%	7.485%
7	8.171	858	865	876	rVB	184284	312329	6.96%	1.219%
8	8.494	912	920	928	rBV	766433	1340875	29.89%	5.234%
9	9.345	1057	1065	1073	rBV	685775	1217564	27.14%	4.753%
10	10.996	1338	1346	1354	rBV	260280	484771	10.81%	1.892%
11	13.422	1748	1759	1769	rBV	1952641	3075477	68.56%	12.006%
12	14.233	1892	1897	1903	rBV	85878	127347	2.84%	0.497%
13	14.797	1986	1993	2001	rVB2	470782	758983	16.92%	2.963%
14	16.277	2237	2245	2258	rBV	1713536	2588376	57.70%	10.104%
15	17.540	2452	2460	2467	rBV	630374	988559	22.04%	3.859%
16	18.392	2600	2605	2616	rBV	132078	217921	4.86%	0.851%
17	19.655	2816	2820	2828	rBV2	48533	84819	1.89%	0.331%
18	20.131	2895	2901	2910	rBV	3337346	4486001	100.00%	17.512%
19	21.423	3116	3121	3127	rBV	232091	319084	7.11%	1.246%
20	21.829	3183	3190	3198	rVB	654914	1098793	24.49%	4.289%
21	21.987	3212	3217	3222	rBV	75942	114185	2.55%	0.446%
22	22.622	3319	3325	3335	rBV	97083	190121	4.24%	0.742%
23	23.139	3396	3413	3415	rBV	53447	186166	4.15%	0.727%
24	23.344	3442	3448	3459	rVB2	96618	203867	4.54%	0.796%
25	24.190	3585	3592	3601	rBV2	83866	189590	4.23%	0.740%
26	25.206	3753	3765	3778	rBV2	400180	1240888	27.66%	4.844%
27	26.387	3956	3966	3979	rBV4	40029	129303	2.88%	0.505%
28	27.820	4201	4210	4219	rBV5	19922	60885	1.36%	0.238%

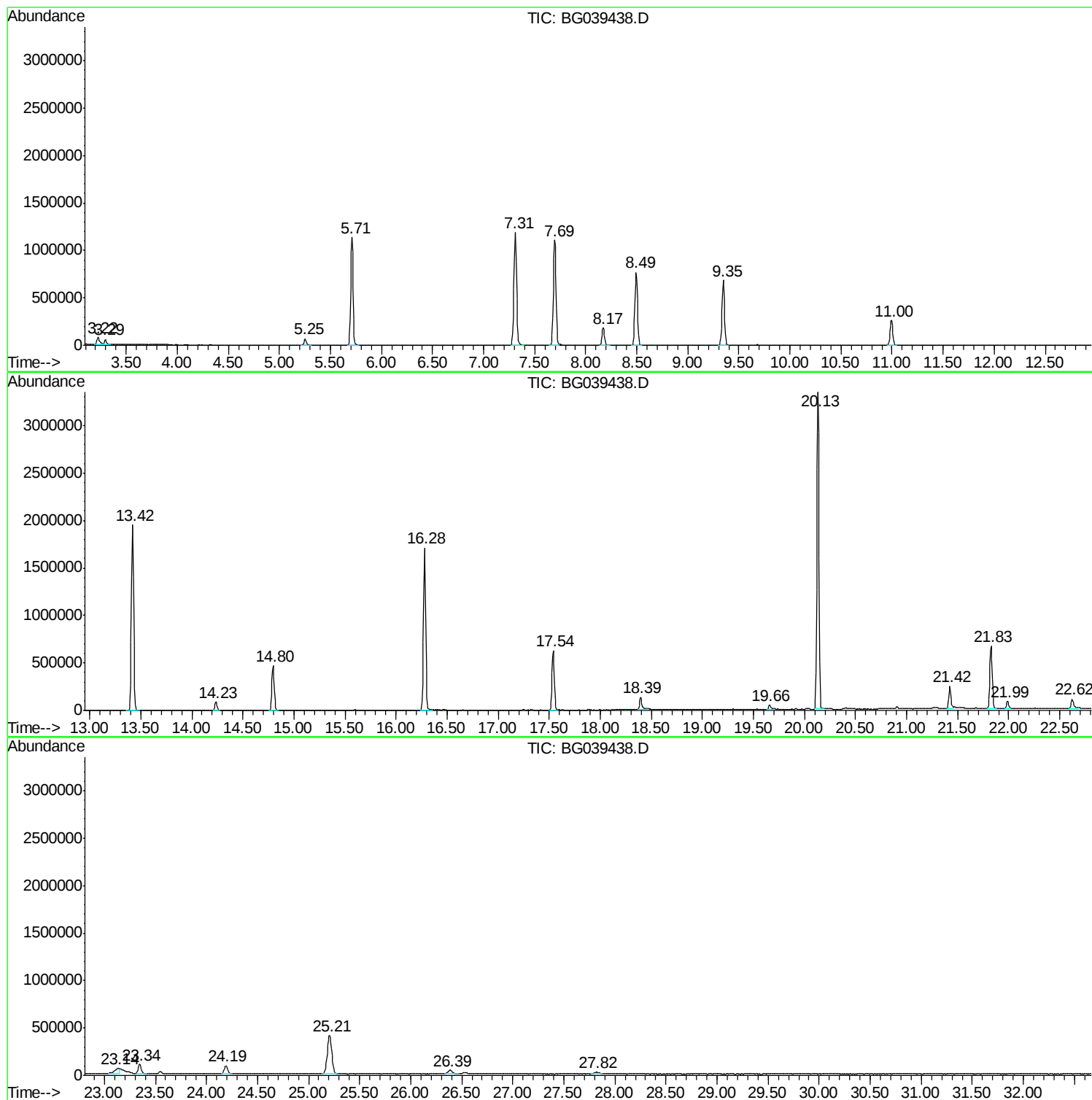
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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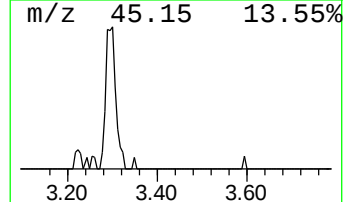
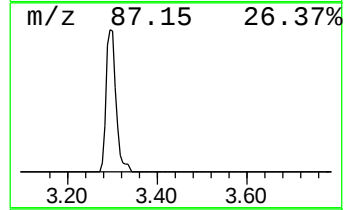
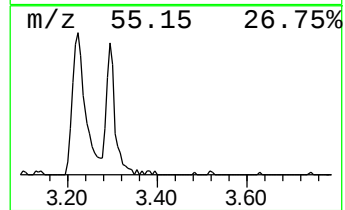
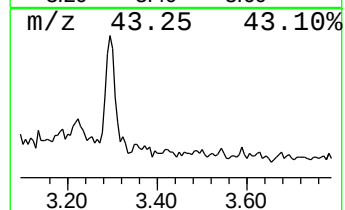
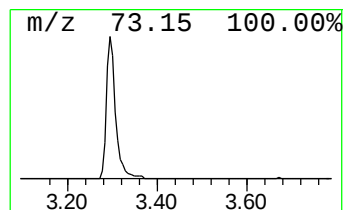
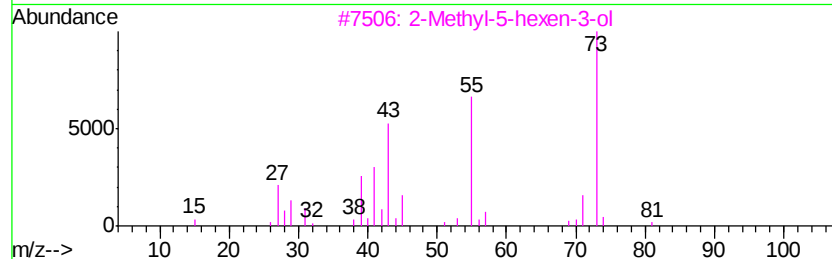
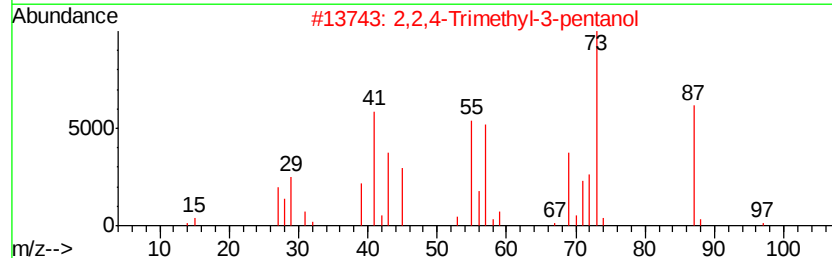
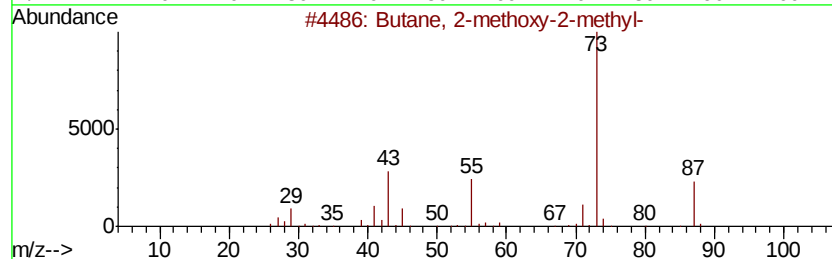
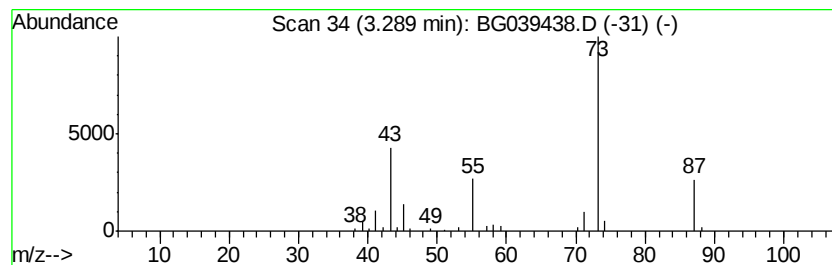
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.29	5.10 ng	79672	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	78
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3		2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	38
4		Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5		2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	17



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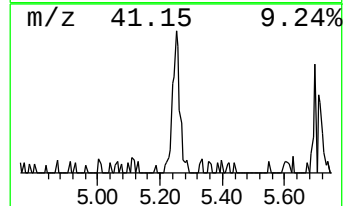
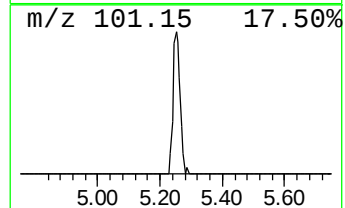
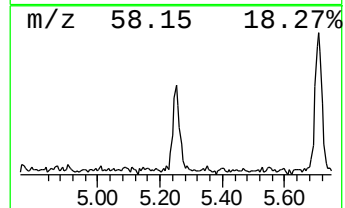
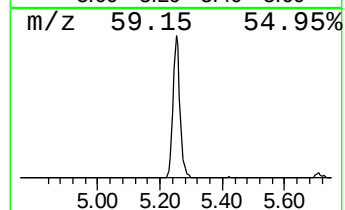
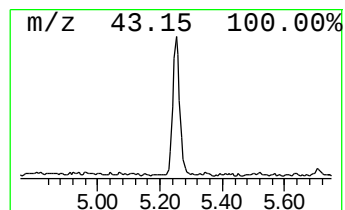
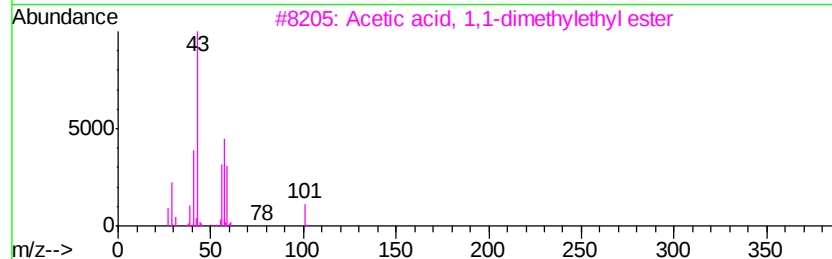
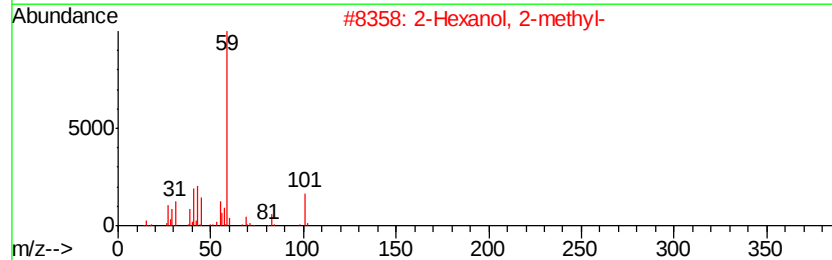
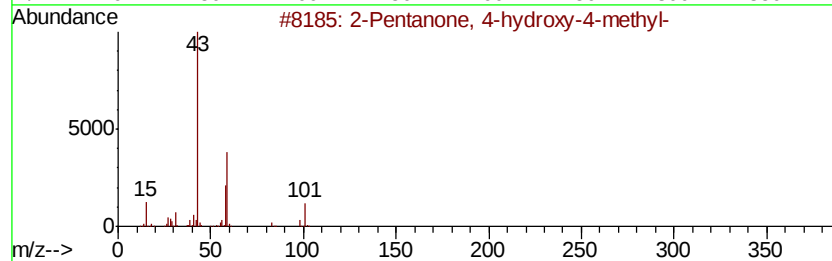
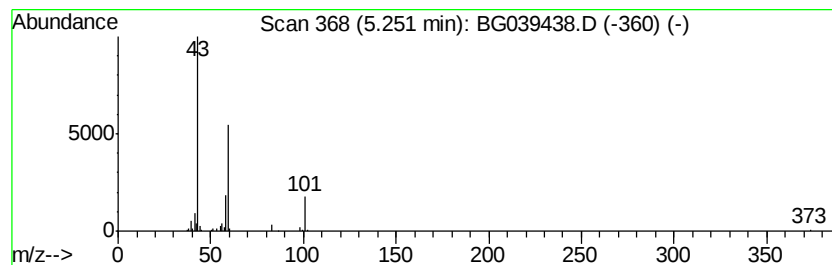
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Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.25	7.01 ng	109394	1,4-Dichlorobenzene-d4	8.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
3		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
4		2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	28
5		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16



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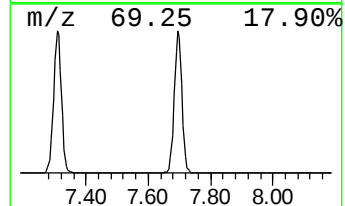
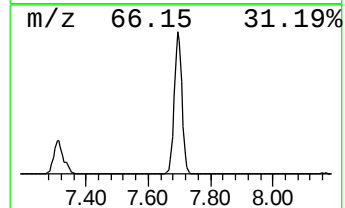
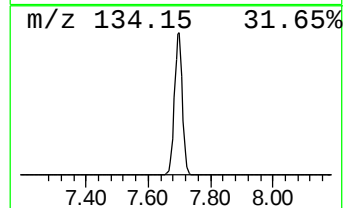
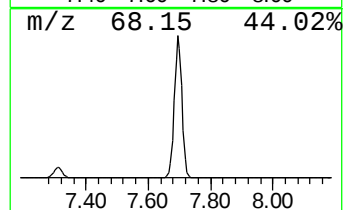
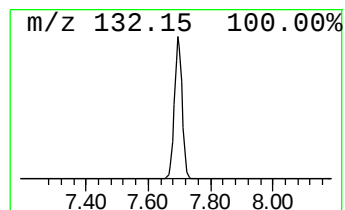
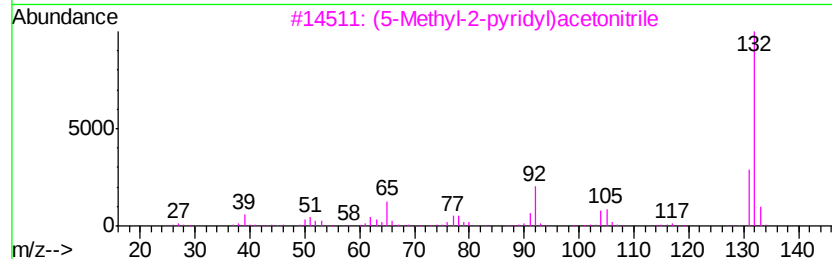
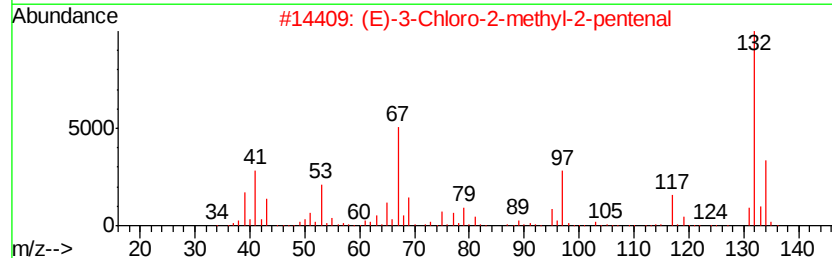
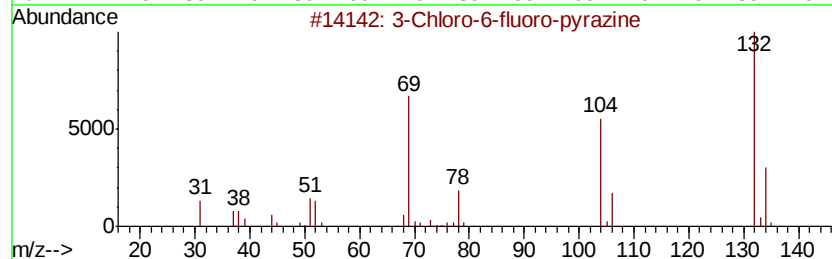
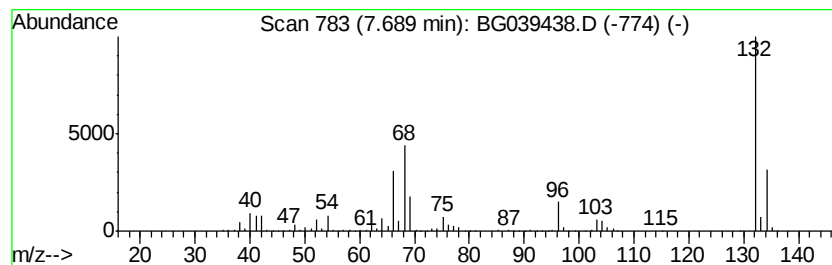
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Peak Number 4 unknown7.69 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.69	122.78 ng	1917450	1,4-Dichlorobenzene-d4	8.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3		(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10
4		Tranvylcypromine-propionyl	189	C12H15NO	1000123-86-3	9
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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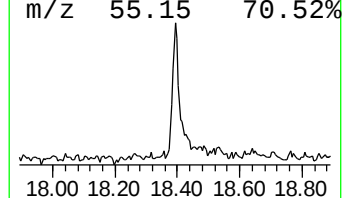
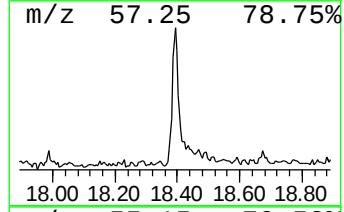
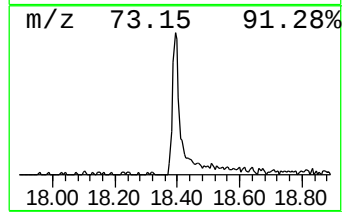
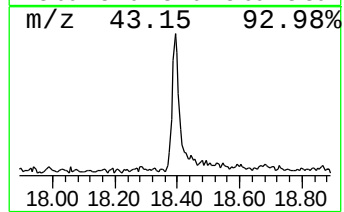
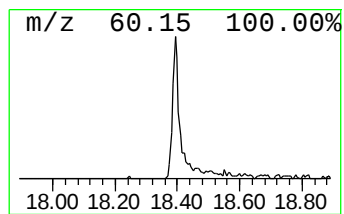
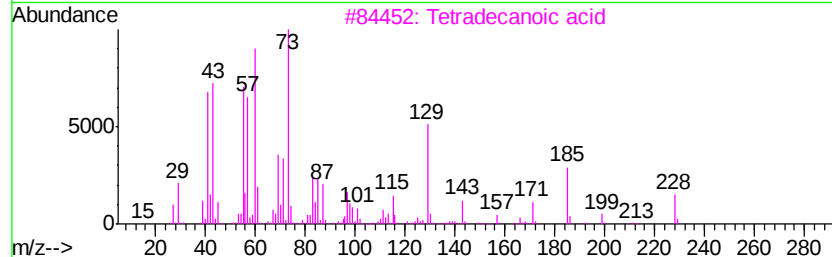
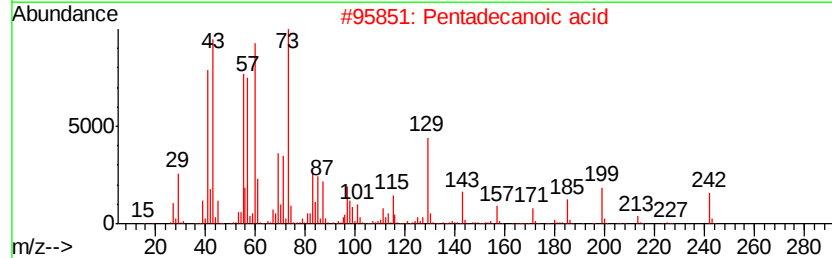
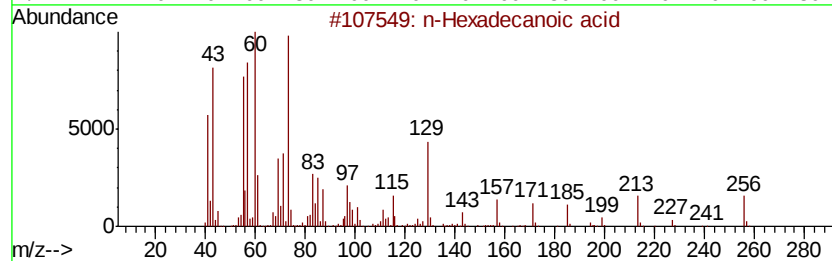
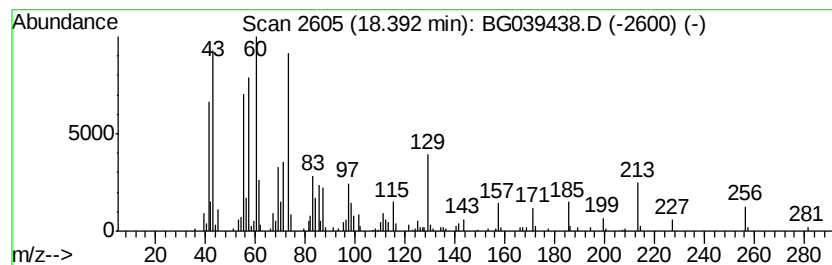
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Peak Number 6 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.39	4.41 ng	217921	Phenanthrene-d10		17.54	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4		Tridecanoic acid	214	C13H26O2	000638-53-9	76
5		n-Decanoic acid	172	C10H20O2	000334-48-5	64



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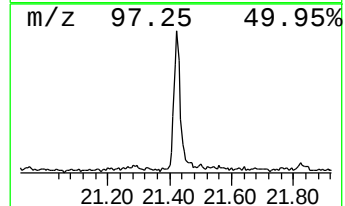
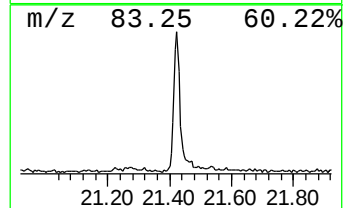
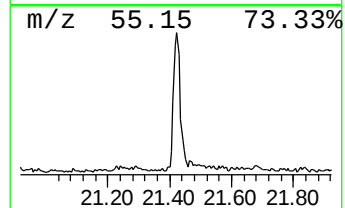
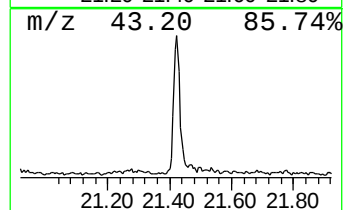
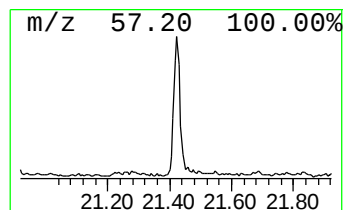
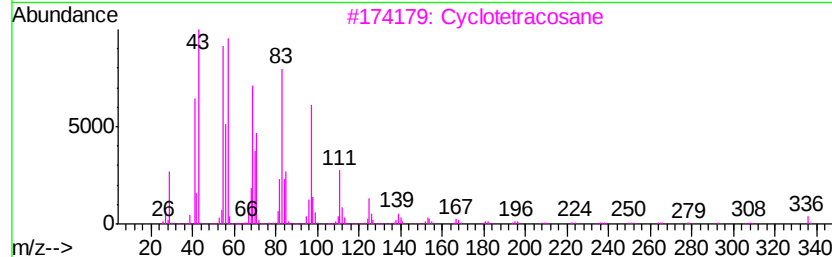
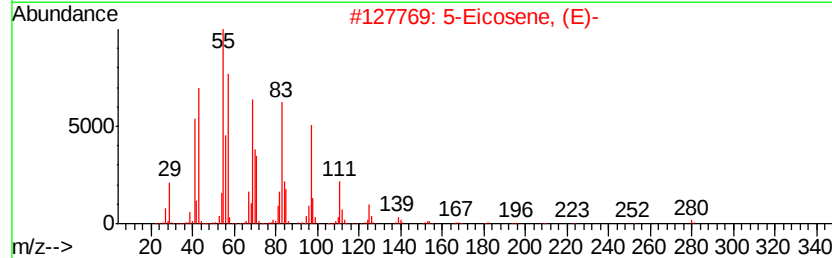
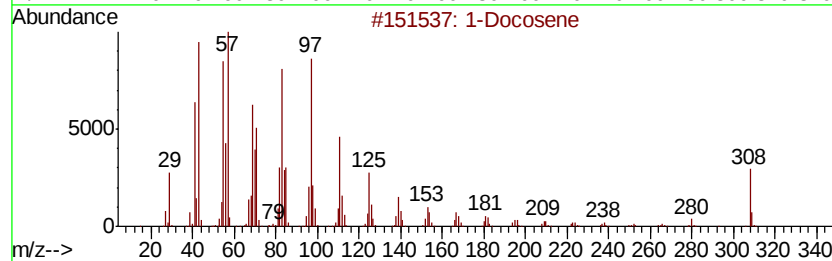
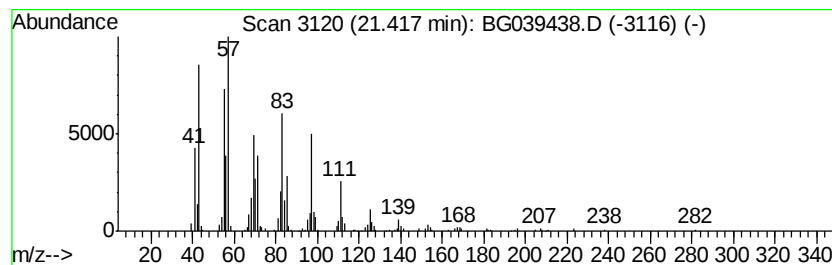
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Peak Number 7 1-Docosene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.
21.42	5.81 ng	319084	Chrysene-d12		21.83
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	98
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	97
3	Cyclotetracosane	336	C24H48	000297-03-0	94
4	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
5	1-Heptacosanol	396	C27H56O	002004-39-9	91



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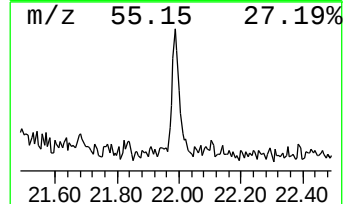
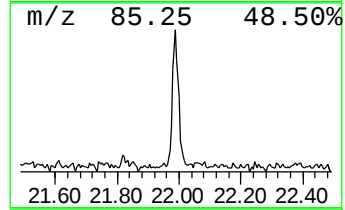
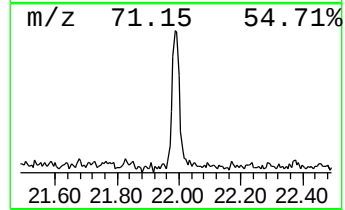
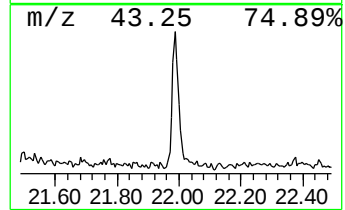
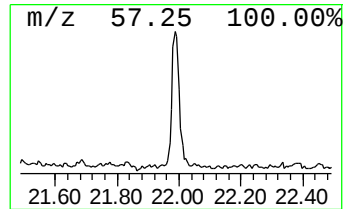
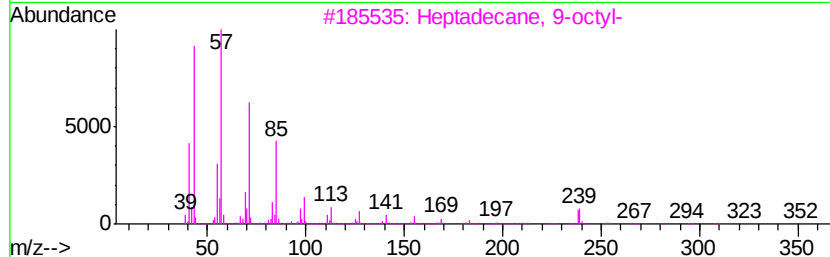
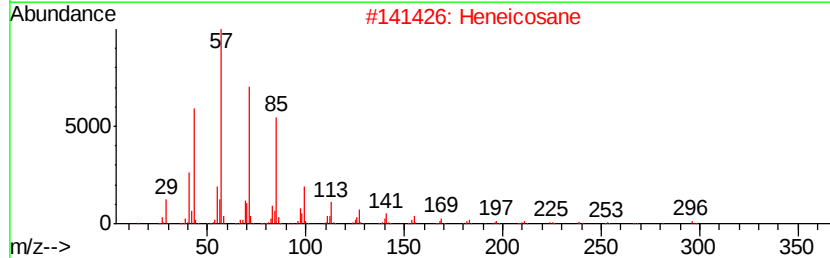
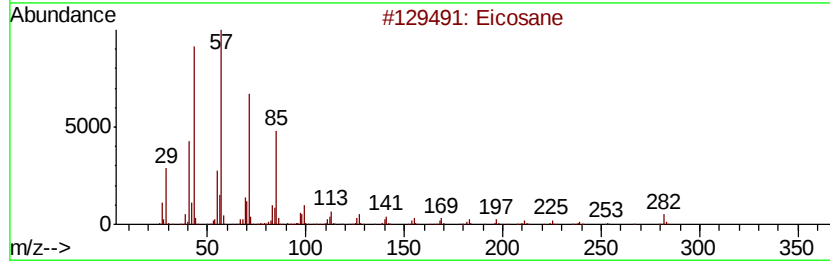
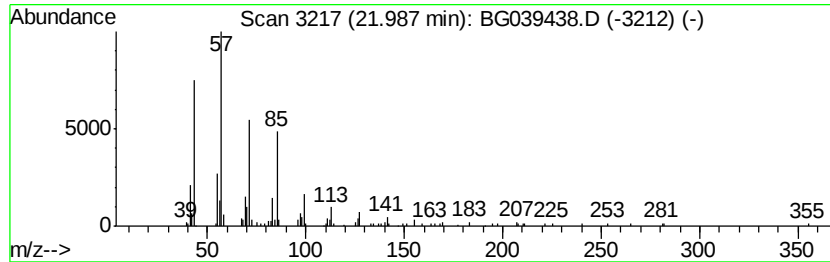
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BNA_G
ClientSampleId :
M-9-D

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

Peak Number 8 Eicosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.99	2.08 ng	114185	Chrysene-d12	21.83
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosane	282 C20H42	000112-95-8	93
2	Heneicosane	296 C21H44	000629-94-7	90
3	Heptadecane, 9-octyl-	352 C25H52	007225-64-1	90
4	Octadecane	254 C18H38	000593-45-3	90
5	Hexadecane, 2-methyl-	240 C17H36	001560-92-5	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021119\
Data File : BG039438.D
Acq On : 11 Feb 2019 17:33
Operator : JU/SJ
Sample : K1453-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
M-9-D

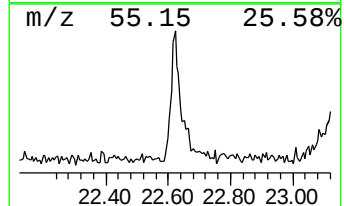
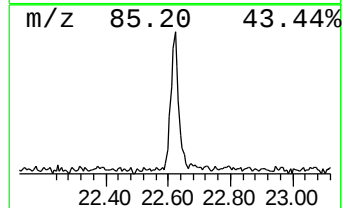
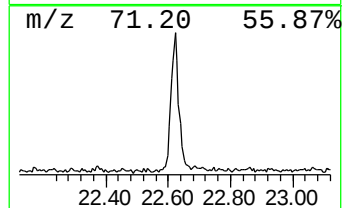
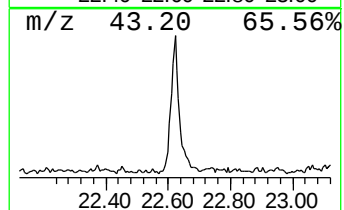
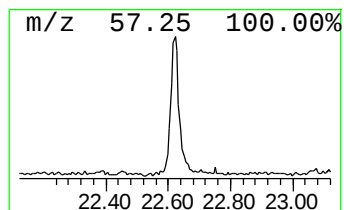
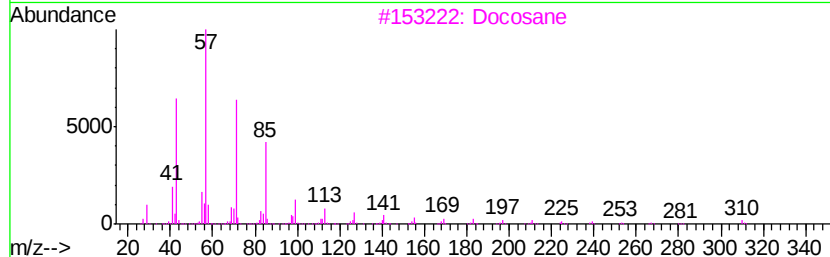
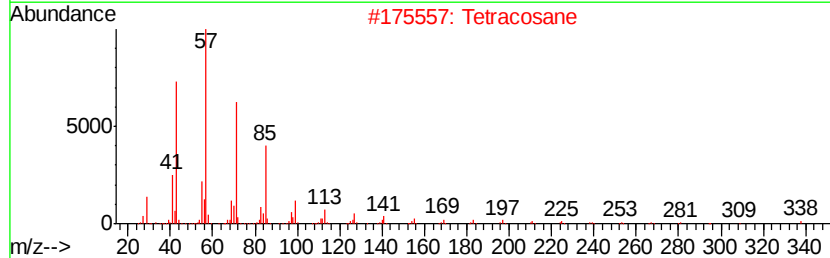
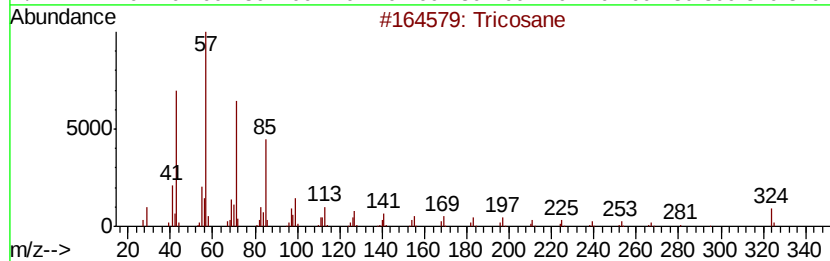
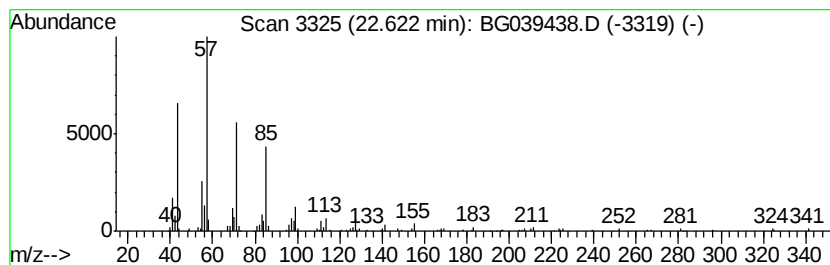
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tricosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.62	3.46 ng	190121	Chrysene-d12	21.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tricosane	324	C23H48	000638-67-5	94
2		Tetracosane	338	C24H50	000646-31-1	87
3		Docosane	310	C22H46	000629-97-0	87
4		Eicosane, 10-methyl-	296	C21H44	054833-23-7	87
5		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021119\
Data File : BG039438.D
Acq On : 11 Feb 2019 17:33
Operator : JU/SJ
Sample : K1453-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
M-9-D

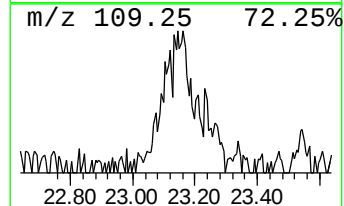
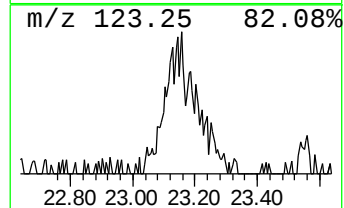
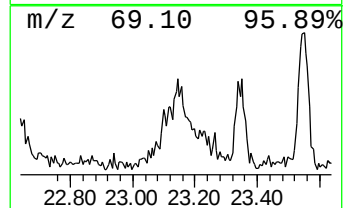
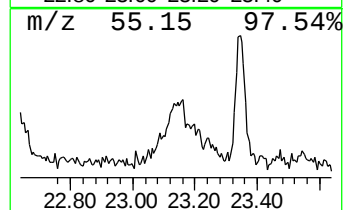
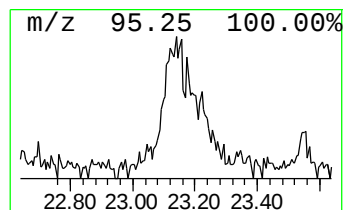
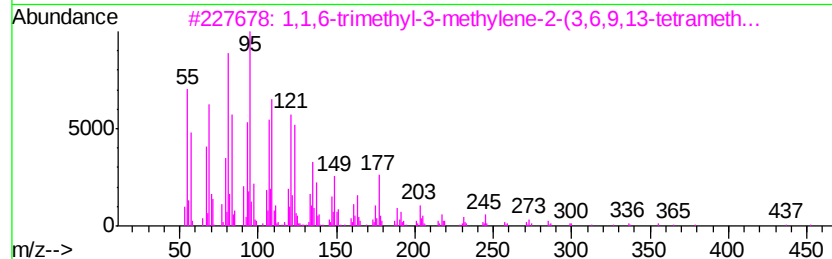
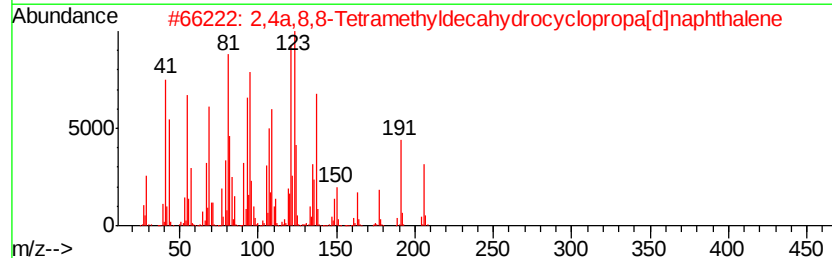
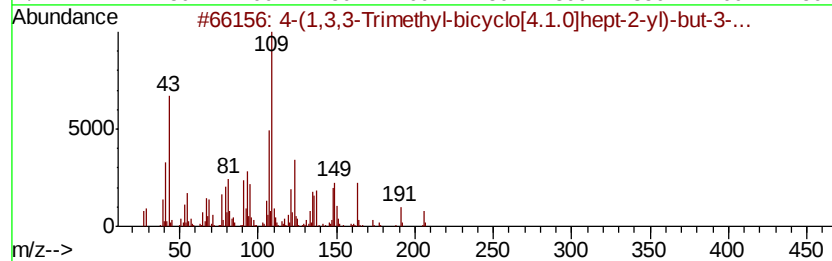
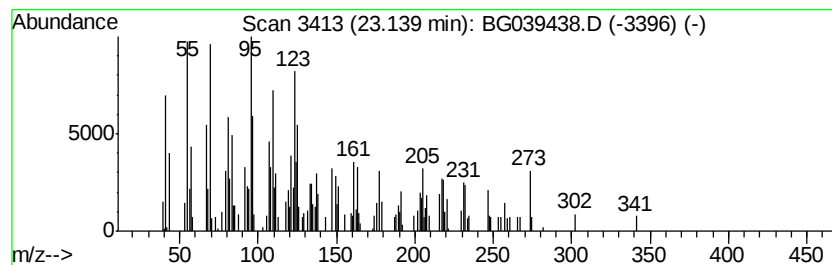
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 4-(1,3,3-Trimethyl-bicyclo[... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.14	3.39 ng	186166	Chrysene-d12	21.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-(1,3,3-Trimethyl-bicyclo[4.1.0...	206	C14H22O	077143-31-8	55
2		2,4a,8,8-Tetramethyldecahydrocyc...	206	C15H26	074022-04-1	49
3		1,1,6-trimethyl-3-methylene-2-(3...	452	C33H56	1000373-94-5	38
4		2-(4a,8-Dimethyl-6-oxo-1,2,3,4,4...	234	C15H22O2	1000190-21-8	38
5		(+)-(Z)-Longipinane	206	C15H26	1000156-12-3	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021119\
Data File : BG039438.D
Acq On : 11 Feb 2019 17:33
Operator : JU/SJ
Sample : K1453-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
M-9-D

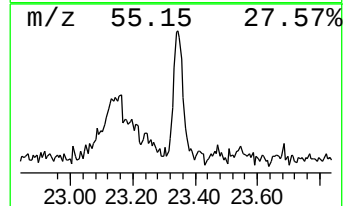
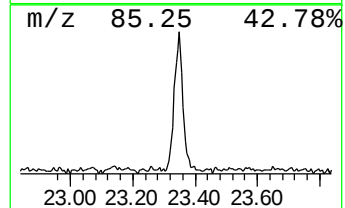
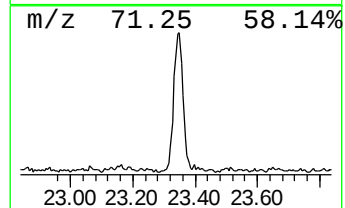
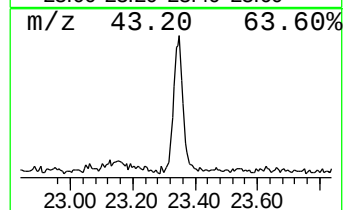
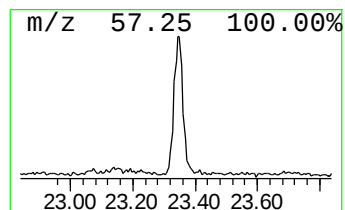
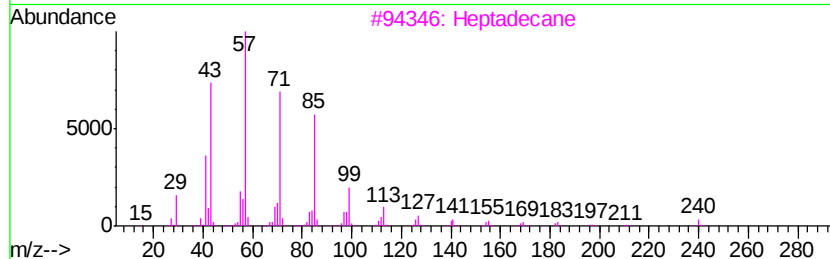
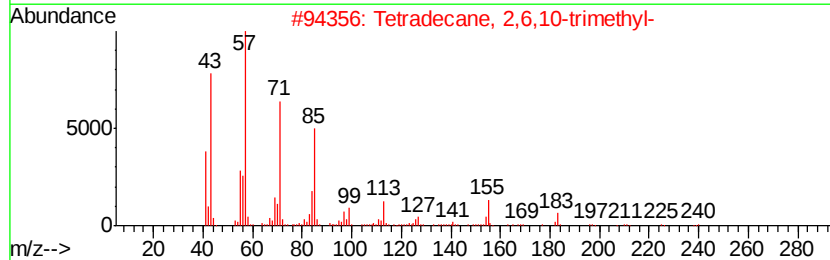
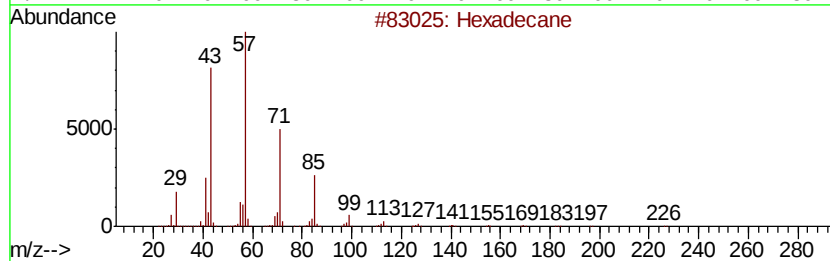
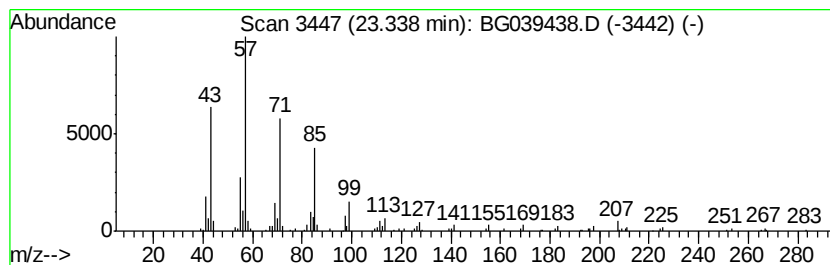
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.34	3.71 ng	203867	Chrysene-d12	21.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	95
2		Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	91
3		Heptadecane	240	C17H36	000629-78-7	91
4		Octacosane	394	C28H58	000630-02-4	90
5		Tetracosane	338	C24H50	000646-31-1	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021119\
 Data File : BG039438.D
 Acq On : 11 Feb 2019 17:33
 Operator : JU/SJ
 Sample : K1453-15
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 M-9-D

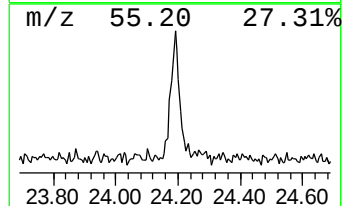
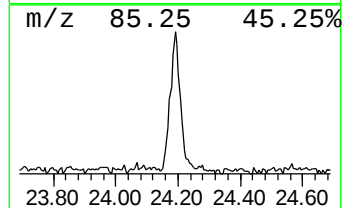
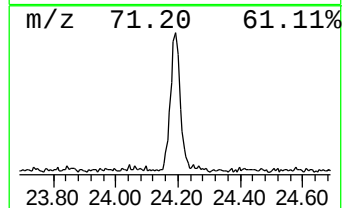
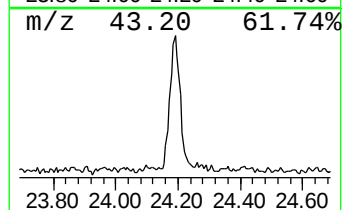
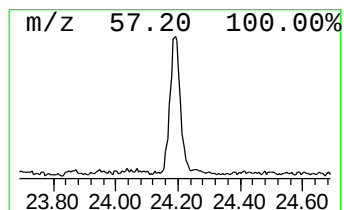
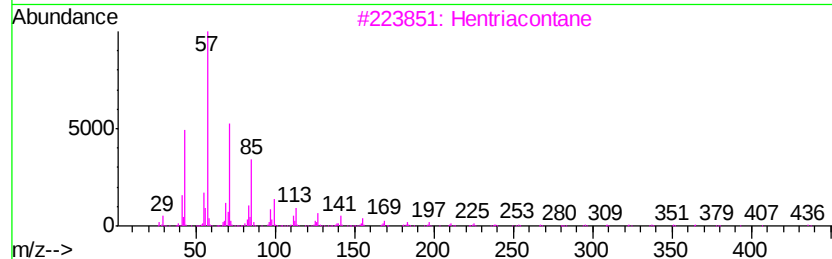
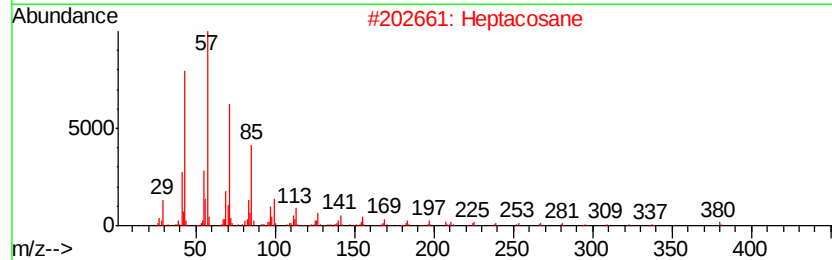
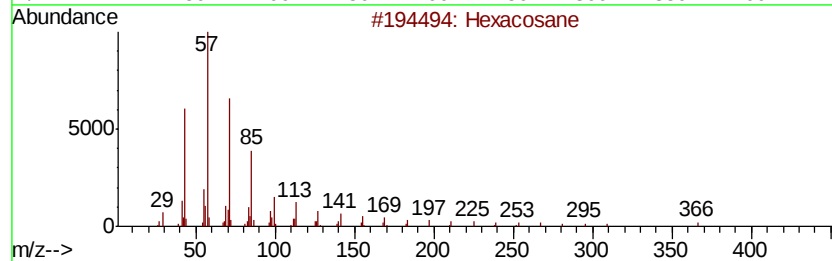
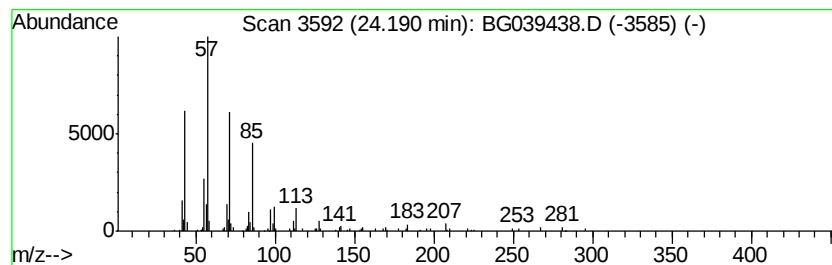
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 12 Hexacosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.19	3.06 ng	189590	Perylene-d12	25.21

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexacosane	366	C26H54	000630-01-3	90
2			Heptacosane	380	C27H56	000593-49-7	86
3			Hentriacontane	437	C31H64	000630-04-6	86
4			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	80
5			Pentacosane	352	C25H52	000629-99-2	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021119\
Data File : BG039438.D
Acq On : 11 Feb 2019 17:33
Operator : JU/SJ
Sample : K1453-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
M-9-D

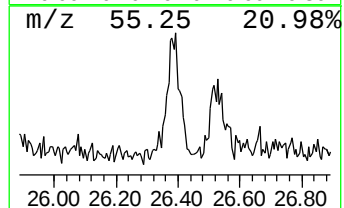
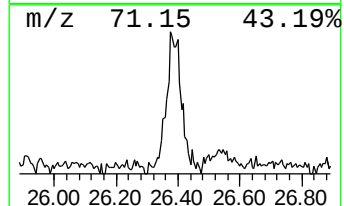
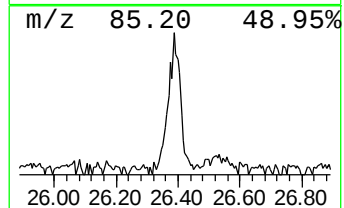
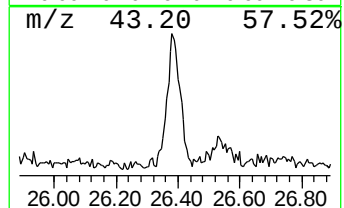
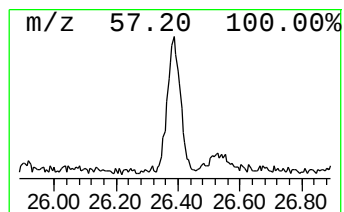
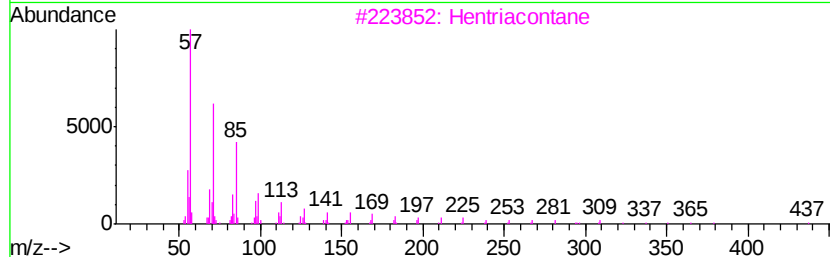
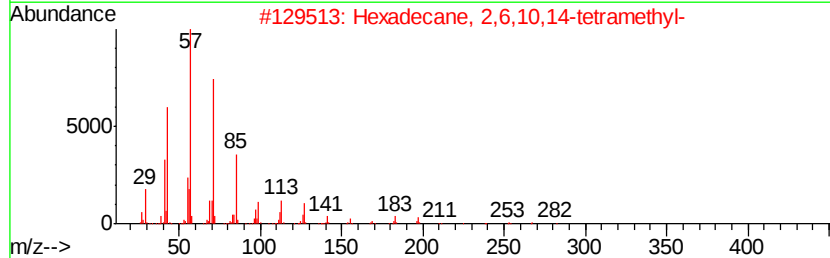
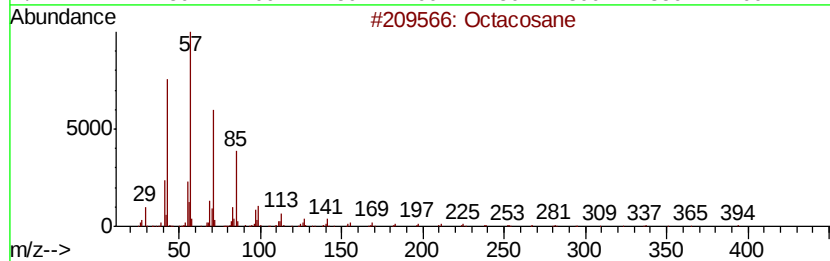
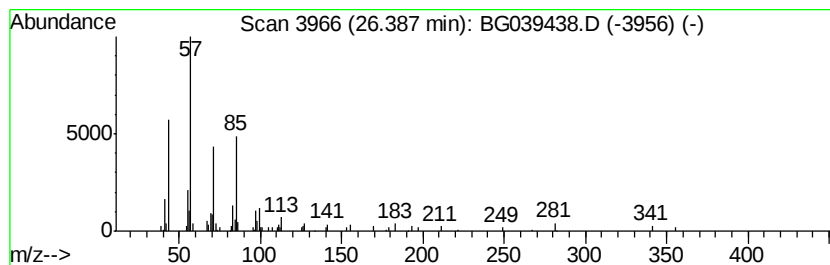
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Octacosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.39	2.08 ng	129303	Perylene-d12	25.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	76
2		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	64
3		Hentriacontane	437	C31H64	000630-04-6	62
4		Hexacosane	366	C26H54	000630-01-3	58
5		Tetracosane	338	C24H50	000646-31-1	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG021119\
Data File : BG039438.D
Acq On : 11 Feb 2019 17:33
Operator : JU/SJ
Sample : K1453-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
M-9-D

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
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2-Pentanone, 4-hy...	5.25	7.0	ng	109394	1	8.17	312329	20.0
unknown7.69	7.69	122.8	ng	1917450	1	8.17	312329	20.0
n-Hexadecanoic acid	18.39	4.4	ng	217921	4	17.54	988559	20.0
1-Docosene	21.42	5.8	ng	319084	5	21.83	1098790	20.0
Eicosane	21.99	2.1	ng	114185	5	21.83	1098790	20.0
Tricosane	22.62	3.5	ng	190121	5	21.83	1098790	20.0
4-(1,3,3-Trimethy...	23.14	3.4	ng	186166	5	21.83	1098790	20.0
Hexadecane	23.34	3.7	ng	203867	5	21.83	1098790	20.0
Hexacosane	24.19	3.1	ng	189590	6	25.21	1240890	20.0
Octacosane	26.39	2.1	ng	129303	6	25.21	1240890	20.0