

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011619\
 Data File : BG039173.D
 Acq On : 17 Jan 2019 1:35
 Operator : JU/SJ
 Sample : K1135-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CPGP-5

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-BG010919.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	3.135	4	8	23	rVB	21995	39377	2.02%	0.427%
2	5.479	399	407	413	rBV6	16831	43273	2.22%	0.469%
3	5.567	416	422	434	rVB	151556	259530	13.34%	2.814%
4	7.177	689	696	706	rBV	108259	206523	10.62%	2.240%
5	7.547	751	759	768	rBV	308271	558196	28.70%	6.053%
6	8.017	832	839	846	rBV	68273	121017	6.22%	1.312%
7	8.340	883	894	906	rVB	233445	420087	21.60%	4.556%
8	9.192	1032	1039	1053	rVB	256839	462341	23.77%	5.014%
9	10.832	1311	1318	1324	rBV	119741	227486	11.70%	2.467%
10	13.276	1727	1734	1745	rVB	932031	1342592	69.03%	14.559%
11	13.523	1767	1776	1785	rBV	88800	152412	7.84%	1.653%
12	14.656	1961	1969	1976	rBV2	189258	326441	16.78%	3.540%
13	14.721	1976	1980	1985	rVB	20653	30706	1.58%	0.333%
14	15.644	2131	2137	2141	rBV2	22895	36874	1.90%	0.400%
15	15.743	2149	2154	2160	rVB	57978	87420	4.49%	0.948%
16	15.978	2187	2194	2199	rBV	40912	63364	3.26%	0.687%
17	16.149	2217	2223	2232	rBV	687980	1057913	54.39%	11.472%
18	17.406	2430	2437	2449	rVB2	278447	448827	23.08%	4.867%
19	18.270	2578	2584	2592	rBV2	56507	103412	5.32%	1.121%
20	19.433	2777	2782	2786	rBV3	18439	26257	1.35%	0.285%
21	19.539	2796	2800	2805	rBV3	26847	39959	2.05%	0.433%
22	20.009	2874	2880	2886	rBV	1452183	1944886	100.00%	21.091%
23	20.767	3005	3009	3014	rBV2	40744	51015	2.62%	0.553%
24	21.278	3092	3096	3101	rBV8	14337	28495	1.47%	0.309%
25	21.678	3158	3164	3172	rBV	280439	478975	24.63%	5.194%
26	21.813	3183	3187	3192	rBV6	13089	19769	1.02%	0.214%
27	22.424	3286	3291	3296	rVB2	19552	36744	1.89%	0.398%
28	23.111	3402	3408	3416	rVB2	32125	72620	3.73%	0.788%
29	23.910	3539	3544	3551	rVB3	19170	38931	2.00%	0.422%
30	24.856	3699	3705	3710	rBV5	11530	27244	1.40%	0.295%
31	24.950	3710	3721	3732	rVB3	146510	444695	22.86%	4.822%
32	25.984	3890	3897	3905	rVB5	8969	24120	1.24%	0.262%

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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-BG010919.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

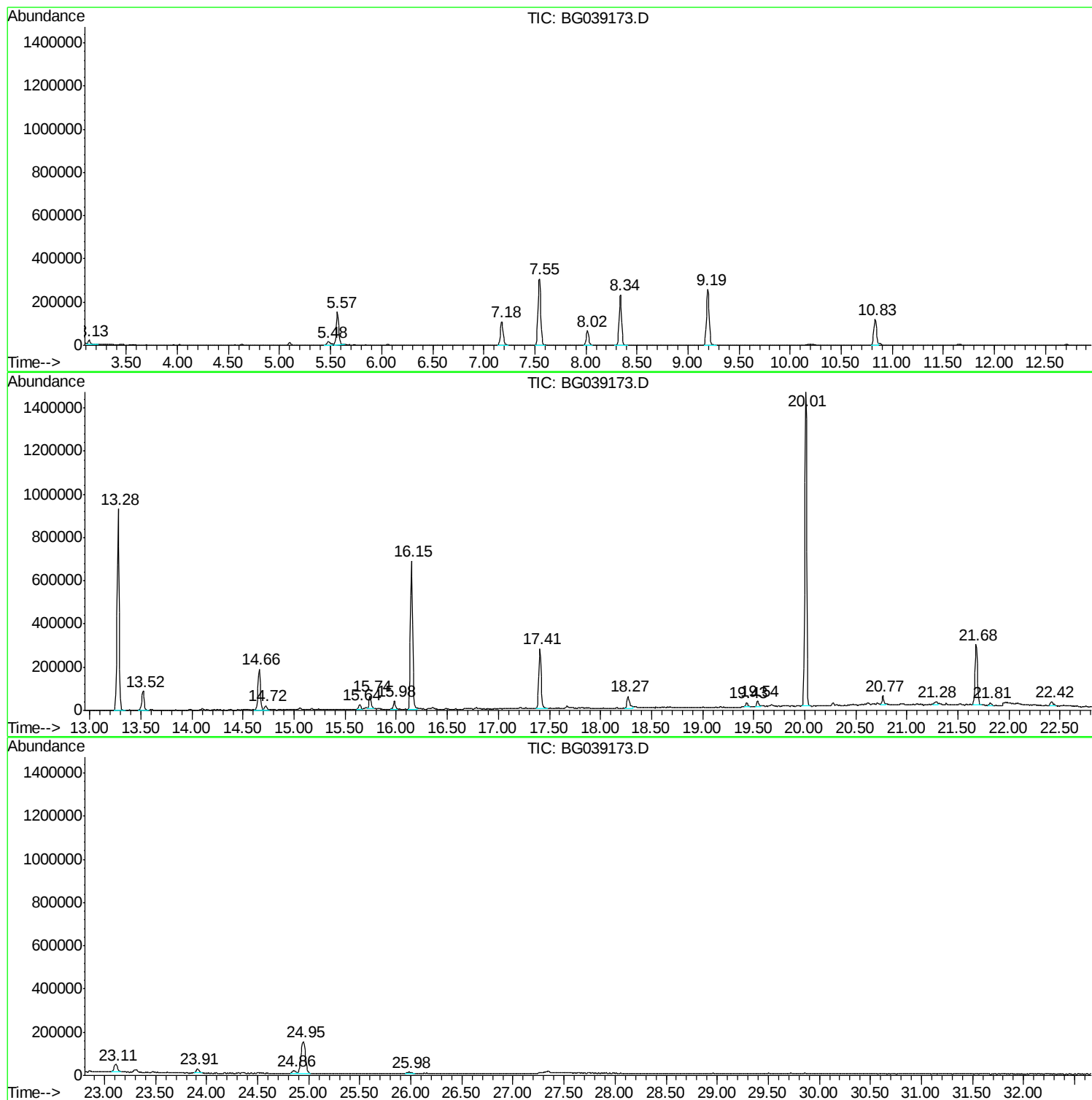
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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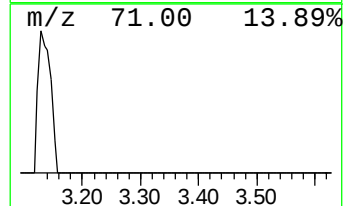
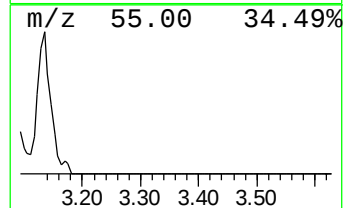
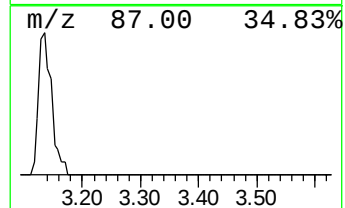
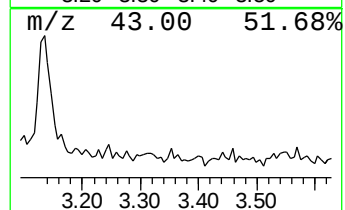
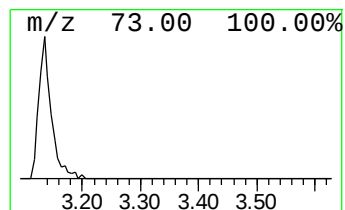
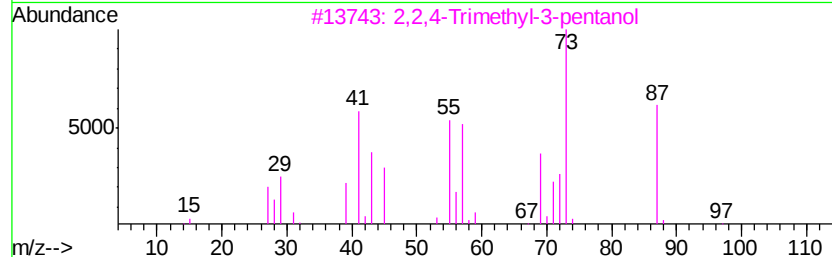
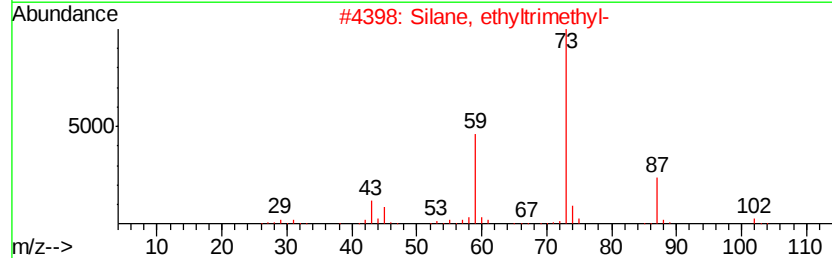
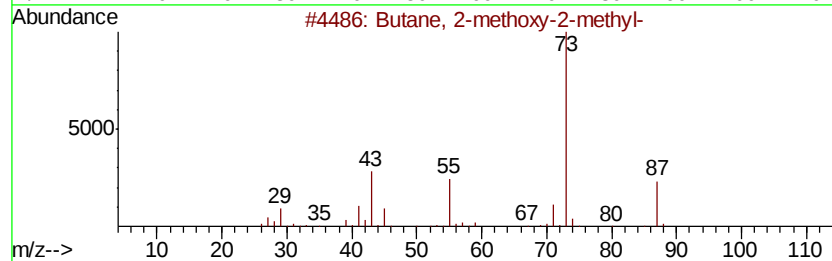
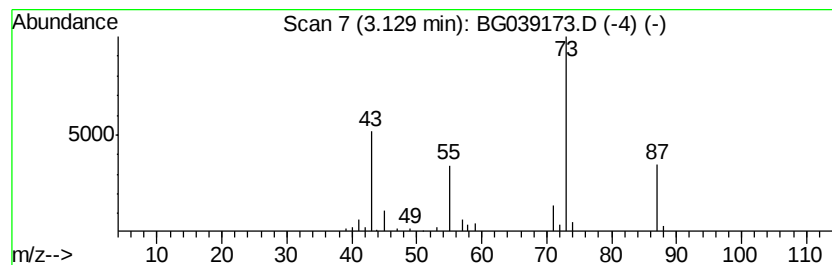
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.13	6.51 ng	39377	1,4-Dichlorobenzene-d4	8.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	33
3		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	9
4		1,4-Butanediamine	88	C4H12N2	000110-60-1	7
5		1-Pentanamine	87	C5H13N	000110-58-7	7



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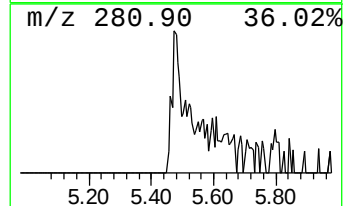
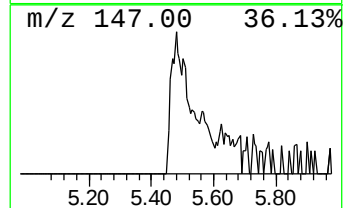
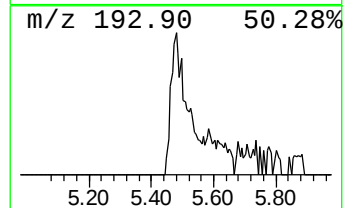
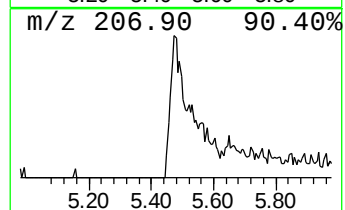
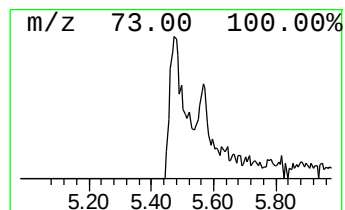
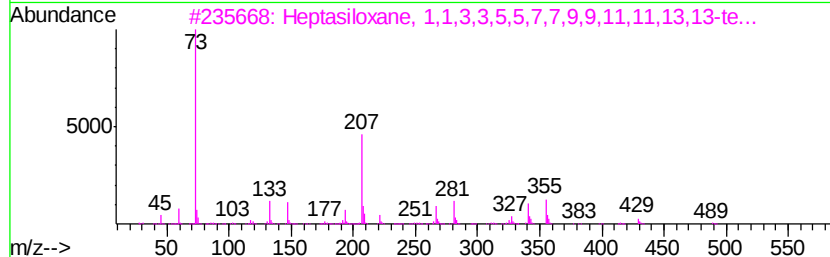
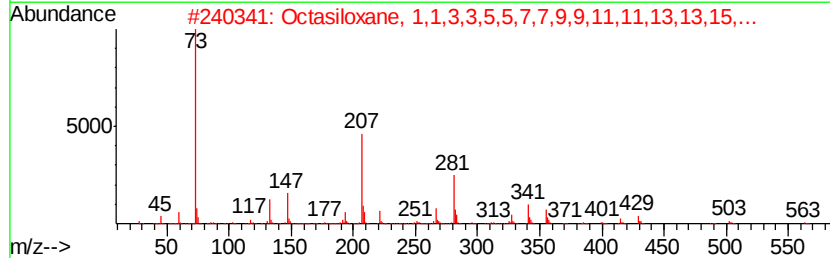
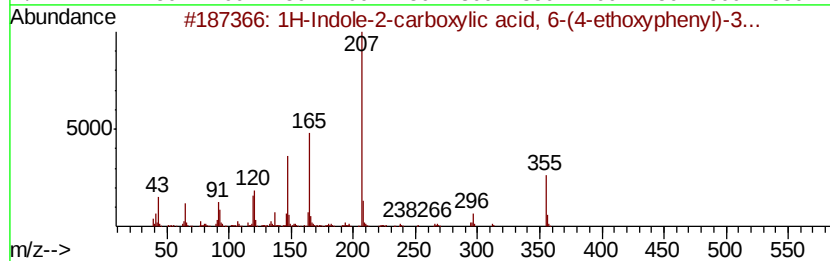
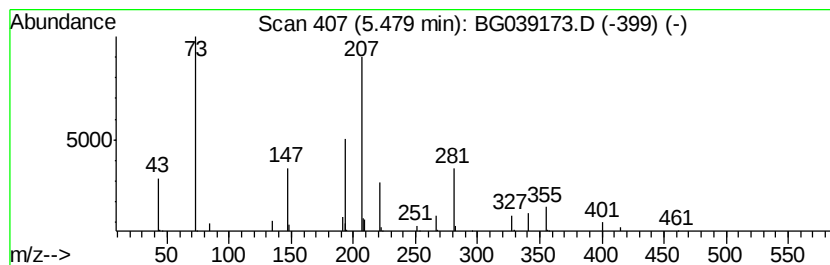
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown5.48 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.48	7.15 ng	43273	1,4-Dichlorobenzene-d4	8.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indole-2-carboxylic acid, 6-(...	355	C21H25N04	1000316-17-5	27
2		Octasiloxane, 1,1,3,3,5,5,7,7,9,...	578	C16H5007Si8	019095-24-0	27
3		Heptasiloxane, 1,1,3,3,5,5,7,7,9...	504	C14H4406Si7	019095-23-9	22
4		Cyclohexa-2,5-diene-1,4-dione, 2...	207	C11H13N03	002158-89-6	22
5		4-Dehydroxy-N-(4,5-methylenedio...	298	C16H14N2O4	1000111-66-9	17



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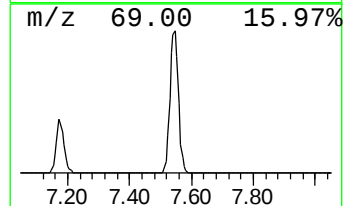
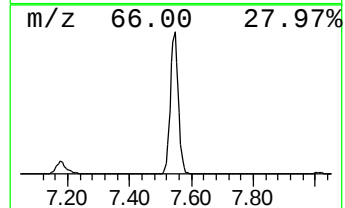
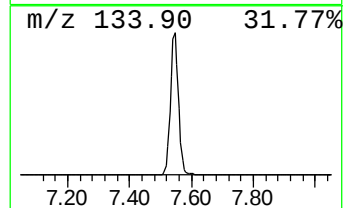
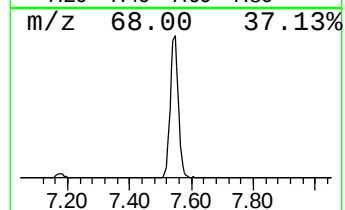
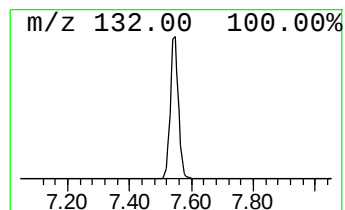
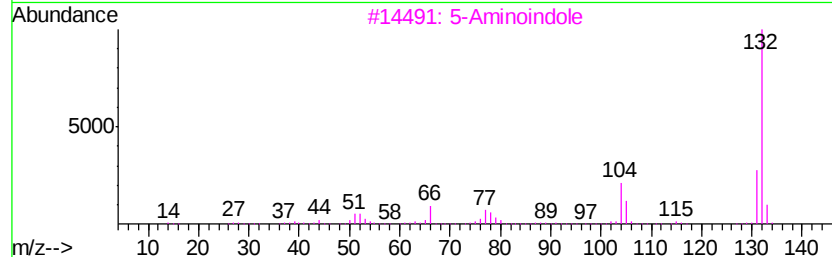
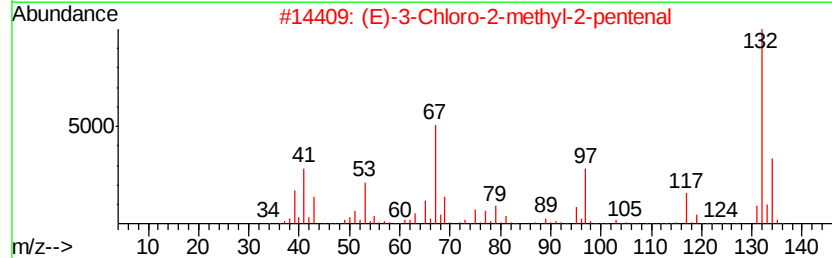
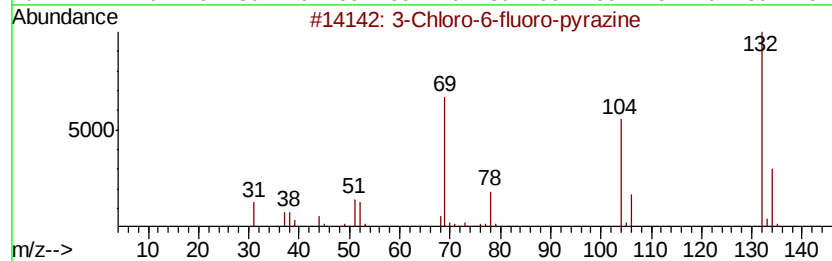
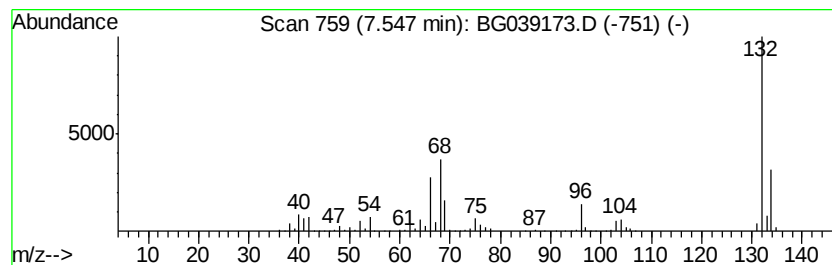
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown7.55 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.55	92.25 ng	558196	1,4-Dichlorobenzene-d4	8.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3		5-Aminoindole	132	C8H8N2	005192-03-0	16
4		Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	10
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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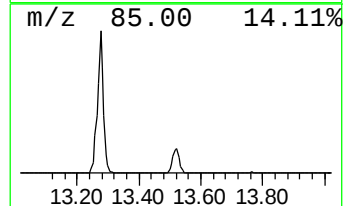
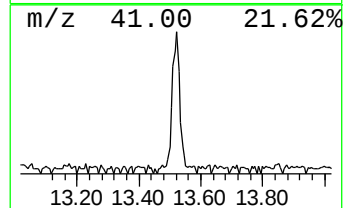
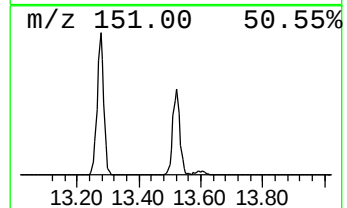
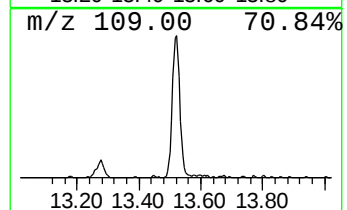
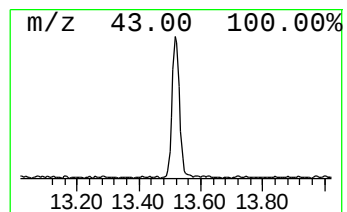
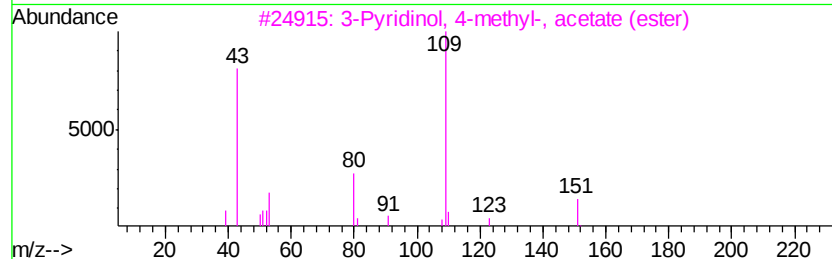
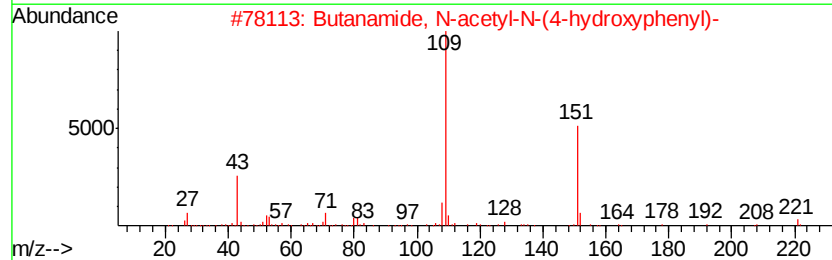
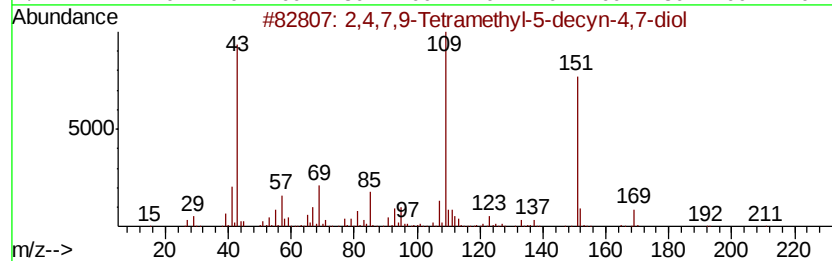
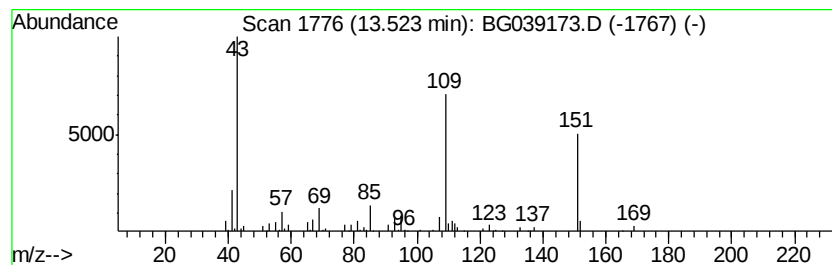
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.52	9.34 ng	152412	Acenaphthene-d10	14.66	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	87
2	Butanamide, N-acetyl-N-(4-hydrox...	221	C12H15NO3	1000107-08-7	42
3	3-Pyridinol, 4-methyl-, acetate ...	151	C8H9NO2	001006-96-8	33
4	1H-Imidazo[4,5-b]pyridine-2-thiol	151	C6H5N3S	029448-81-5	27
5	N-Cyclopropyl-p-fluorobenzylamine	165	C10H12FN	1000250-88-9	27



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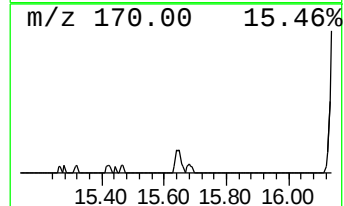
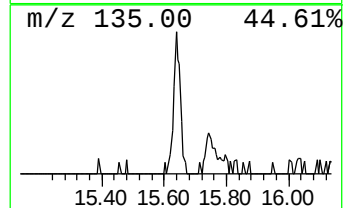
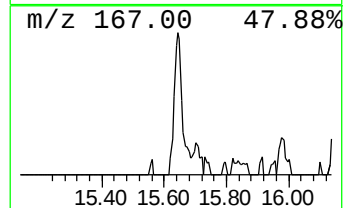
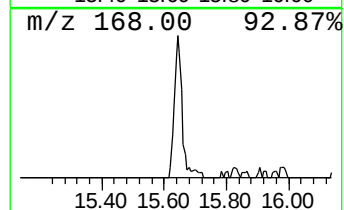
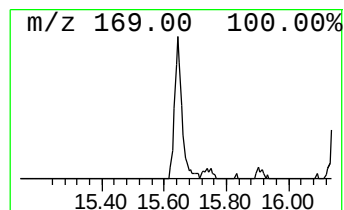
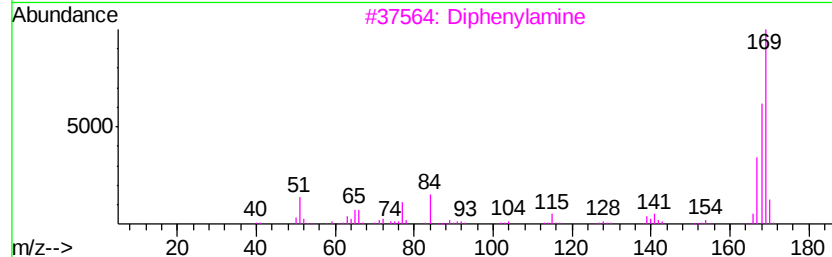
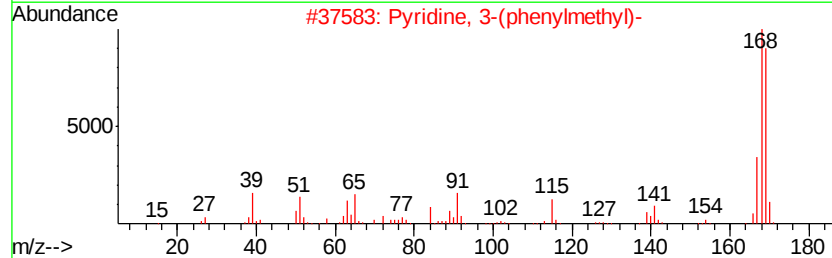
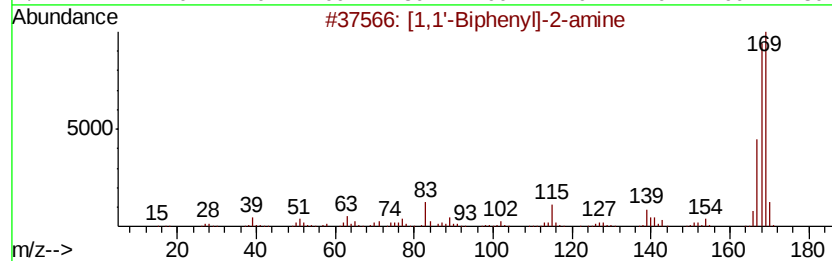
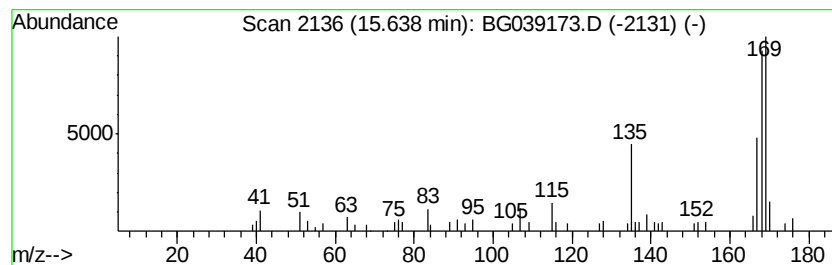
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Peak Number 6 [1,1'-Biphenyl]-2-amine Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.		
15.64	2.26 ng	36874	Acenaphthene-d10		14.66		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			[1,1'-Biphenyl]-2-amine	169	C12H11N	000090-41-5	70
2			Pyridine, 3-(phenylmethyl)-	169	C12H11N	000620-95-1	58
3			Diphenylamine	169	C12H11N	000122-39-4	53
4			2-p-Tolylpyridine	169	C12H11N	004467-06-5	52
5			2-Methyl-3-phenylpyridine	169	C12H11N	003256-89-1	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011619\
Data File : BG039173.D
Acq On : 17 Jan 2019 1:35
Operator : JU/SJ
Sample : K1135-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CPGP-5

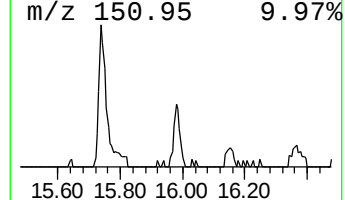
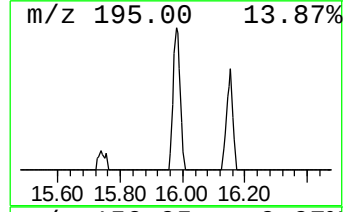
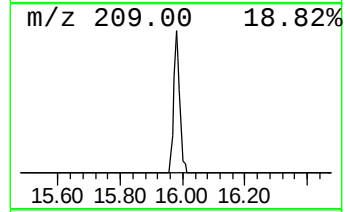
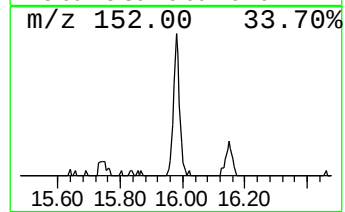
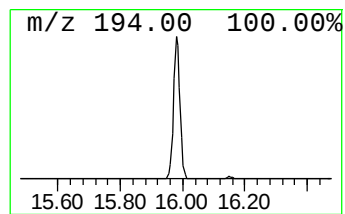
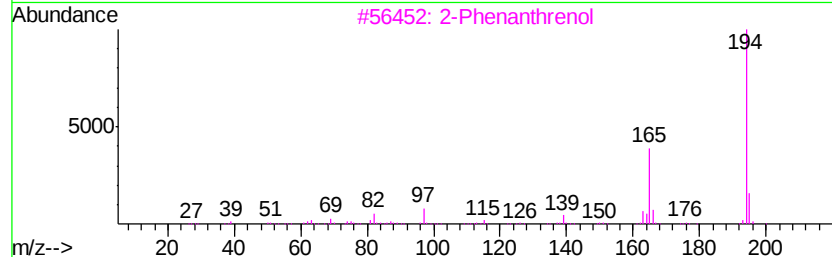
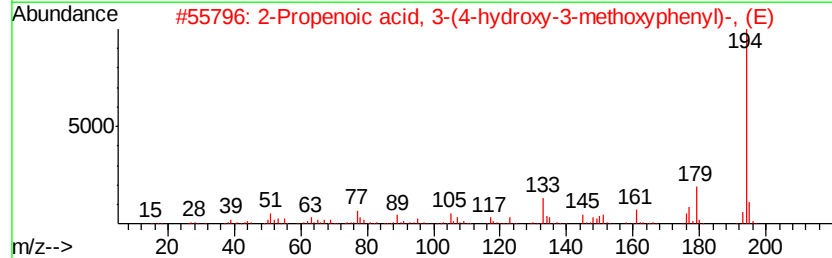
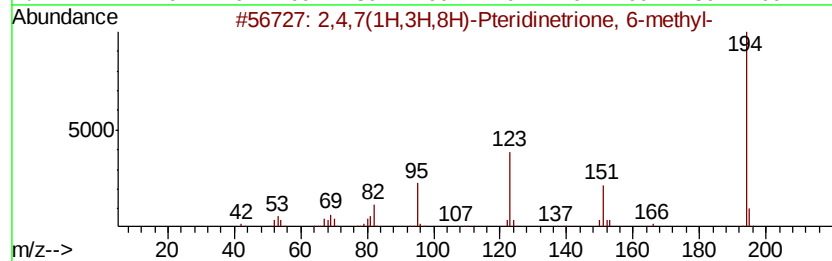
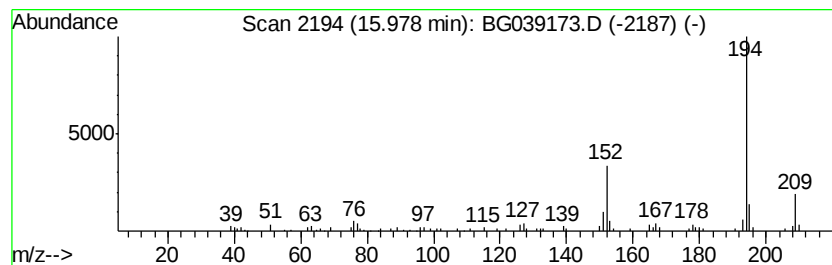
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 2,4,7(1H,3H,8H)-Pteridinetri... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.98	3.88 ng	63364	Acenaphthene-d10	14.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,4,7(1H,3H,8H)-Pteridinetri...	194	C7H6N4O3	031053-46-0	53
2		2-Propenoic acid, 3-(4-hydroxy-3...	194	C10H10O4	000537-98-4	52
3		2-Phenanthrenol	194	C14H10O	000605-55-0	52
4		Benzenamine, N,N'-methanetetrayl...	194	C13H10N2	000622-16-2	50
5		Phenol, 2,6-dimethoxy-4-(2-prope...	194	C11H14O3	006627-88-9	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011619\
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Sample : K1135-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

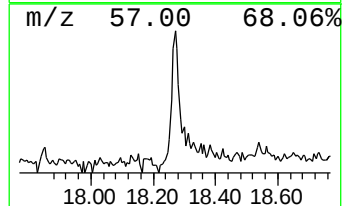
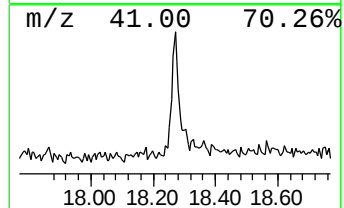
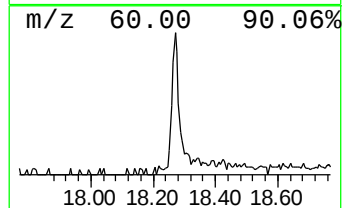
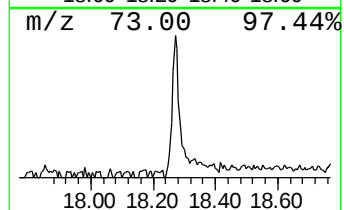
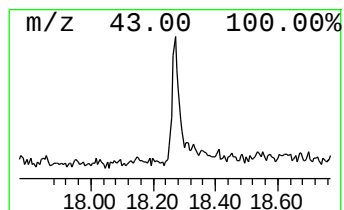
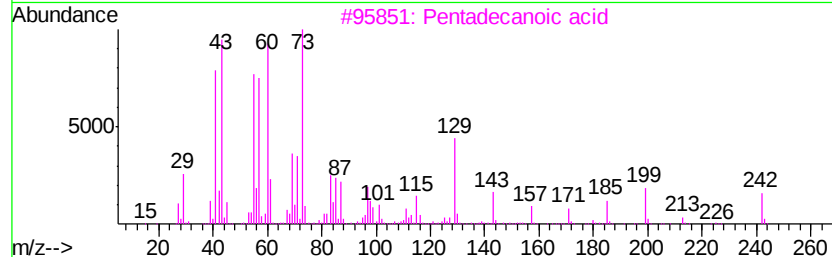
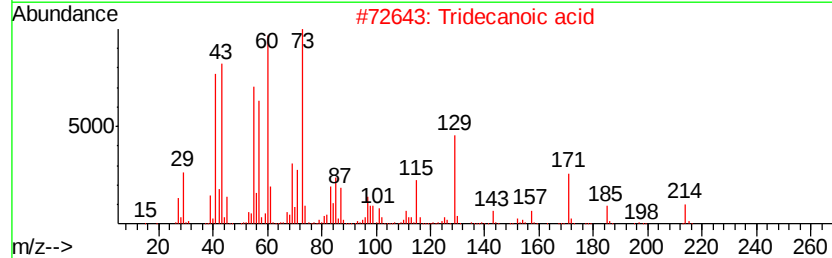
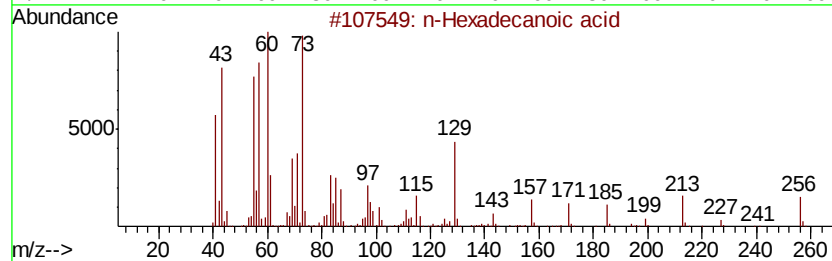
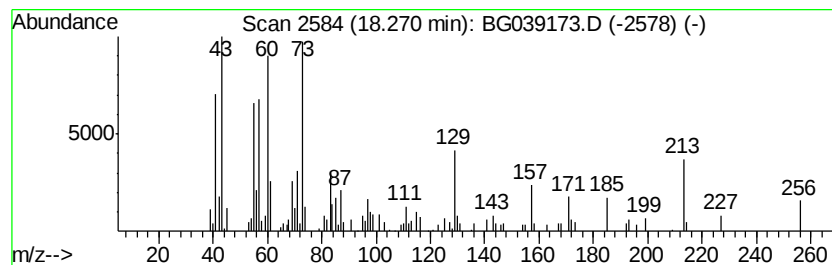
Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.27	4.61 ng	103412	Phenanthrene-d10	17.41	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	64
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	62
4	Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	53
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011619\
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Operator : JU/SJ
Sample : K1135-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CPGP-5

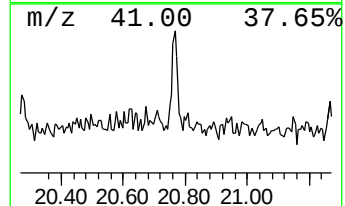
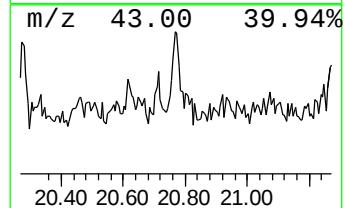
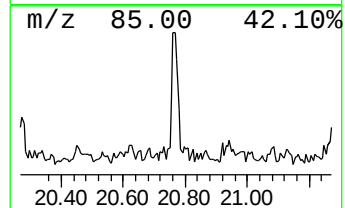
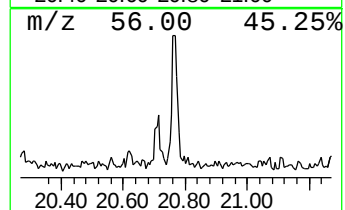
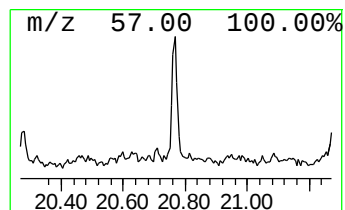
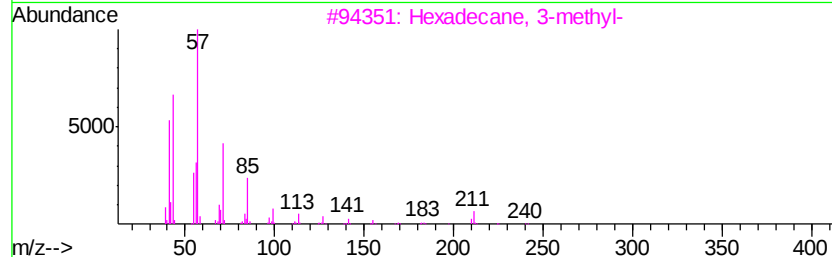
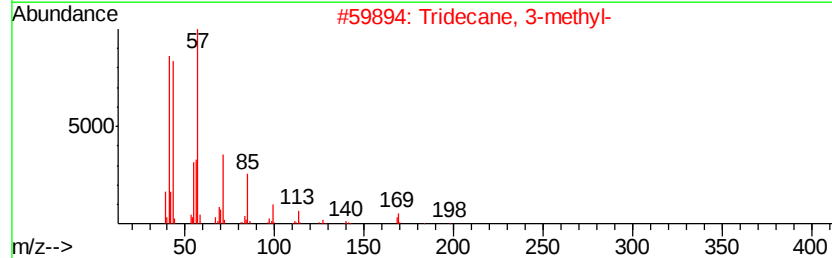
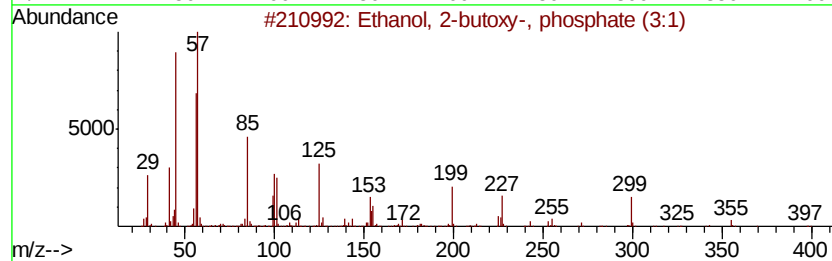
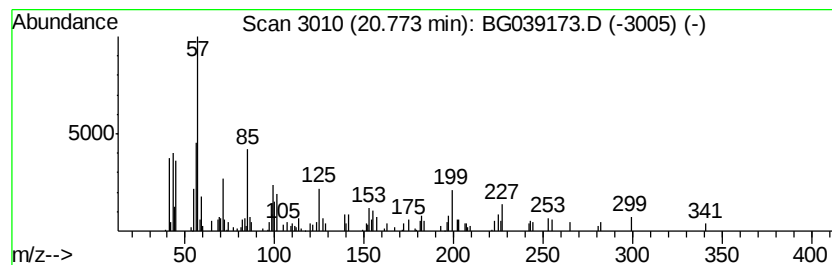
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown20.77 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.77	2.13 ng	51015	Chrysene-d12	21.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2-butoxy-, phosphate (3:1)	398	C18H39O7P	000078-51-3	47
2		Tridecane, 3-methyl-	198	C14H30	006418-41-3	12
3		Hexadecane, 3-methyl-	240	C17H36	006418-43-5	12
4		2,5,5-Trimethyl-3-oxo-pyrroline,...	141	C7H11N02	1000305-90-5	12
5		Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	12



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Operator : JU/SJ
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Misc :
ALS Vial : 20 Sample Multiplier: 1

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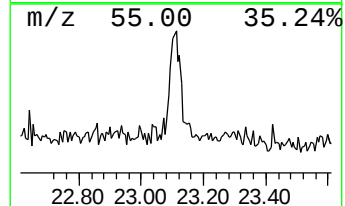
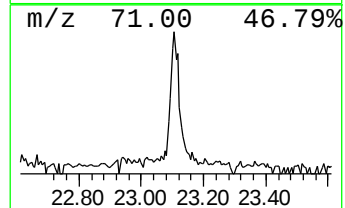
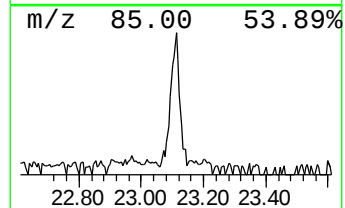
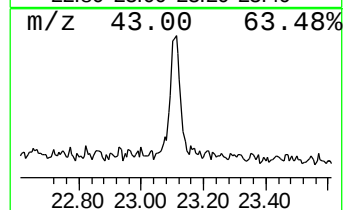
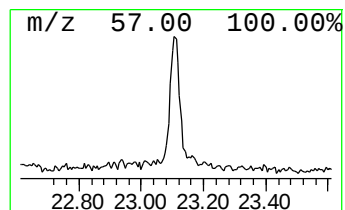
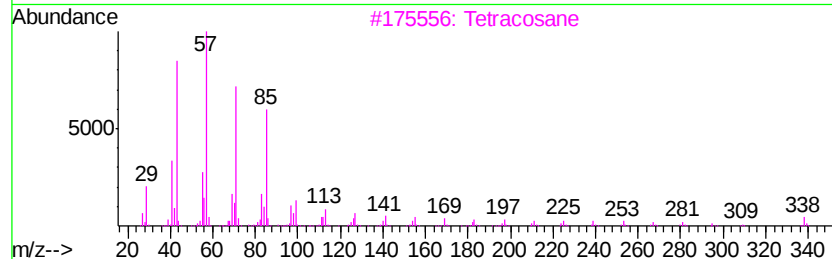
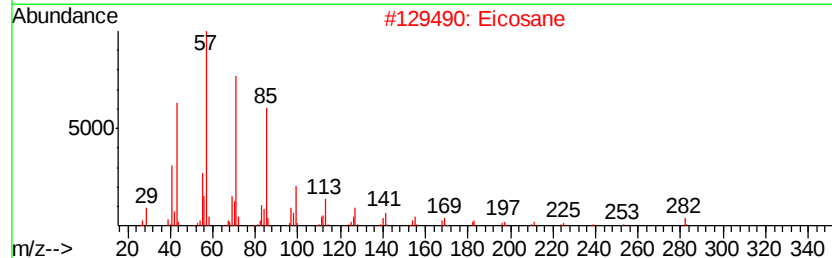
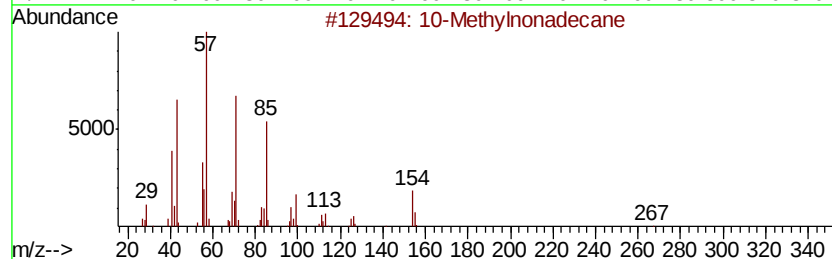
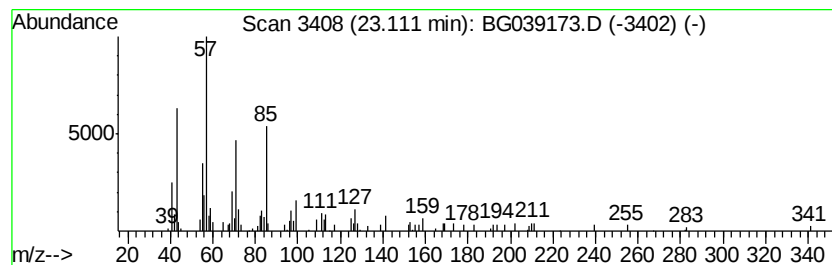
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 10-Methylnonadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.11	3.03 ng	72620	Chrysene-d12	21.68

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			10-Methylnonadecane	282	C20H42	056862-62-5	72
2			Eicosane	282	C20H42	000112-95-8	68
3			Tetracosane	338	C24H50	000646-31-1	58
4			Nonadecane, 2-methyl-	282	C20H42	001560-86-7	52
5			Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	50



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 Sample : K1135-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG010919.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...	3.13	6.5	ng	39377	1	8.02	121017	20.0
unknown5.48	5.48	7.2	ng	43273	1	8.02	121017	20.0
unknown7.55	7.55	92.3	ng	558196	1	8.02	121017	20.0
2,4,7,9-Tetrameth...	13.52	9.3	ng	152412	3	14.66	326441	20.0
[1,1'-Biphenyl]-2...	15.64	2.3	ng	36874	3	14.66	326441	20.0
2,4,7(1H,3H,8H)-P...	15.98	3.9	ng	63364	3	14.66	326441	20.0
n-Hexadecanoic acid	18.27	4.6	ng	103412	4	17.41	448827	20.0
unknown20.77	20.77	2.1	ng	51015	5	21.68	478975	20.0
10-Methylnonadecane	23.11	3.0	ng	72620	5	21.68	478975	20.0