

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121718\
 Data File : BG038657.D
 Acq On : 17 Dec 2018 11:06
 Operator : JU/SJ
 Sample : J6386-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P001-RB-181212

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-BG121218.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	3.184	13	16	24	rVB2	21362	32566	1.57%	0.399%
2	5.605	422	428	438	rVB	152430	257951	12.42%	3.158%
3	7.209	695	701	712	rVB2	95397	166805	8.03%	2.042%
4	7.585	758	765	774	rBV	284926	502707	24.21%	6.155%
5	8.055	838	845	854	rBV	63768	112815	5.43%	1.381%
6	8.378	893	900	911	rVB	273545	505746	24.35%	6.192%
7	9.236	1039	1046	1059	rBV	240507	449479	21.65%	5.503%
8	10.875	1317	1325	1334	rBV	80988	157025	7.56%	1.923%
9	13.313	1731	1740	1750	rBV	644052	1042730	50.21%	12.767%
10	14.694	1968	1975	1983	rVB3	135705	226905	10.93%	2.778%
11	15.493	2107	2111	2116	rBV	17168	22078	1.06%	0.270%
12	16.186	2222	2229	2245	rBV	546255	864575	41.63%	10.585%
13	17.444	2436	2443	2450	rBV	207025	324316	15.62%	3.971%
14	18.084	2546	2552	2558	rBV	103986	136901	6.59%	1.676%
15	18.525	2620	2627	2632	rBV	47846	70240	3.38%	0.860%
16	19.712	2824	2829	2834	rBV	60059	73430	3.54%	0.899%
17	20.047	2879	2886	2894	rVB	1555363	2076595	100.00%	25.425%
18	20.746	3001	3005	3009	rBV	42963	48283	2.33%	0.591%
19	21.721	3164	3171	3179	rBV2	239968	399209	19.22%	4.888%
20	21.862	3189	3195	3199	rBV2	22758	33524	1.61%	0.410%
21	22.479	3293	3300	3309	rVB	26187	48264	2.32%	0.591%
22	23.172	3411	3418	3425	rBV2	34224	64558	3.11%	0.790%
23	23.989	3548	3557	3569	rBV2	29850	65533	3.16%	0.802%
24	24.953	3711	3721	3724	rBV2	24697	59568	2.87%	0.729%
25	25.017	3724	3732	3746	rVB2	126303	375438	18.08%	4.597%
26	26.092	3907	3915	3924	rVB4	16844	50397	2.43%	0.617%

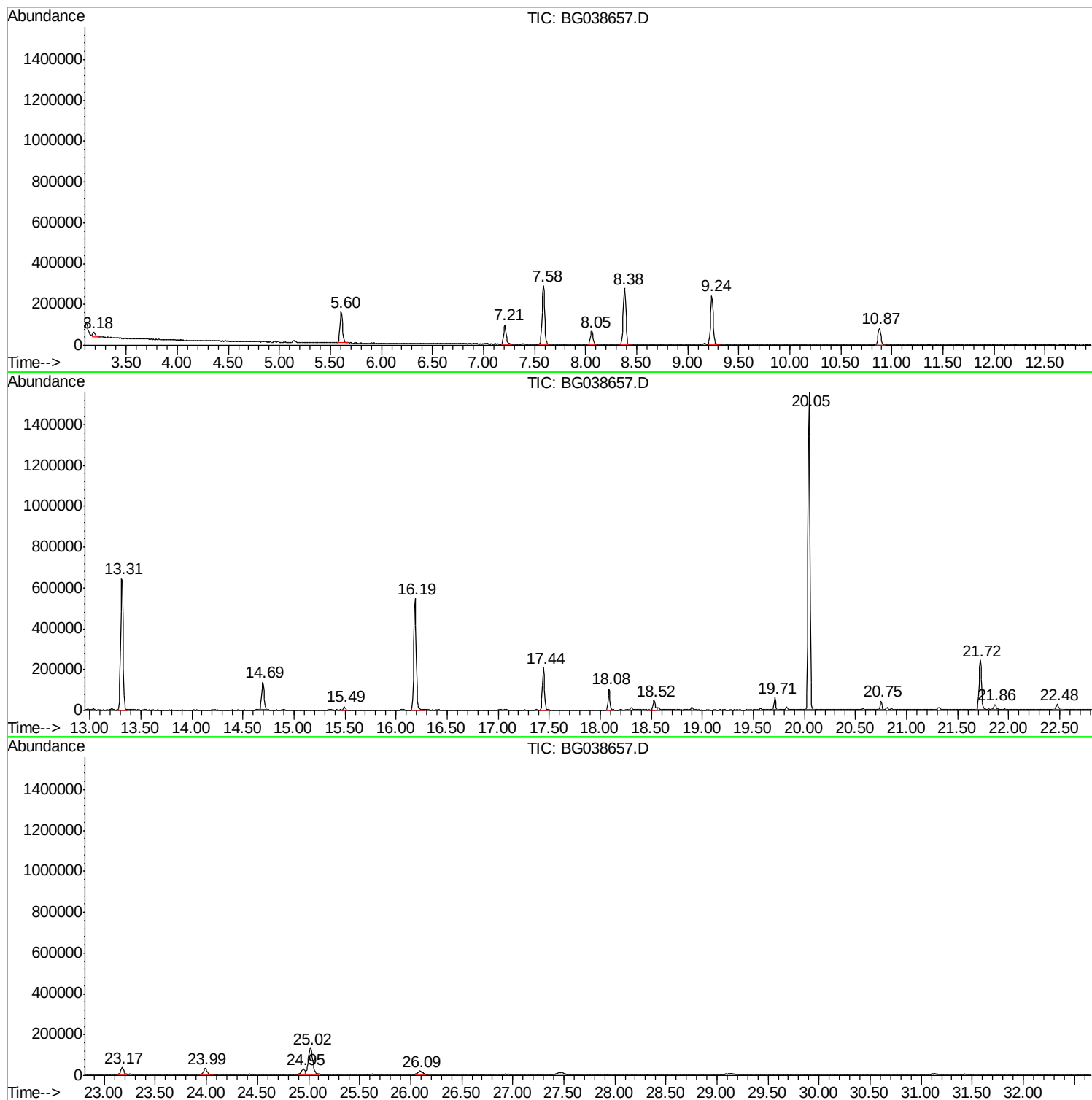
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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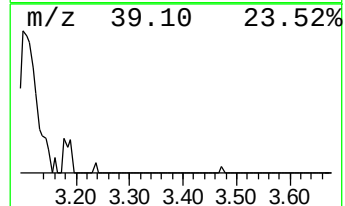
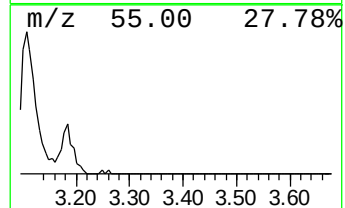
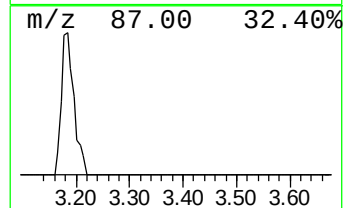
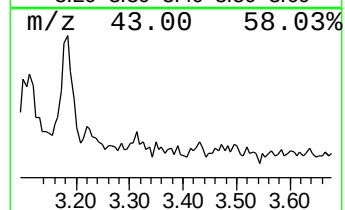
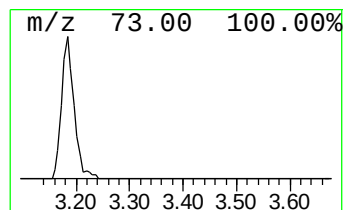
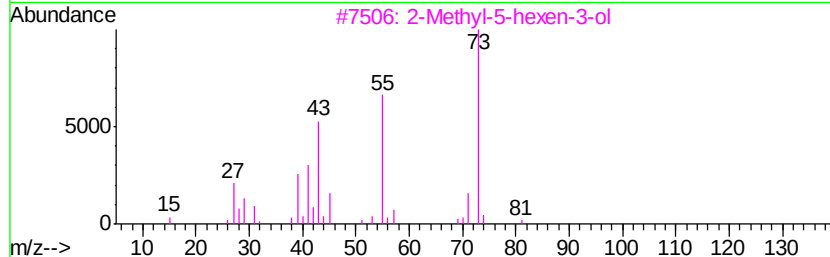
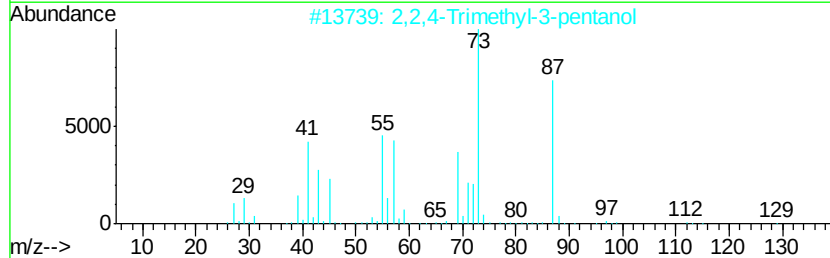
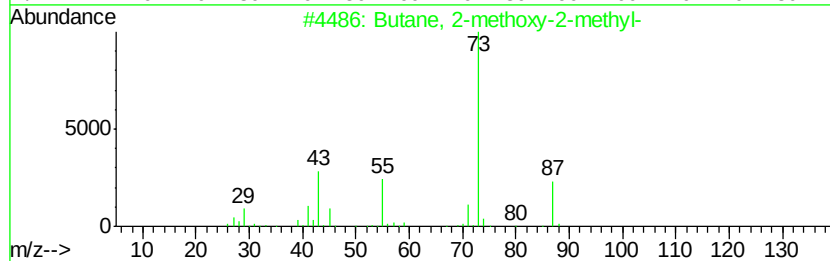
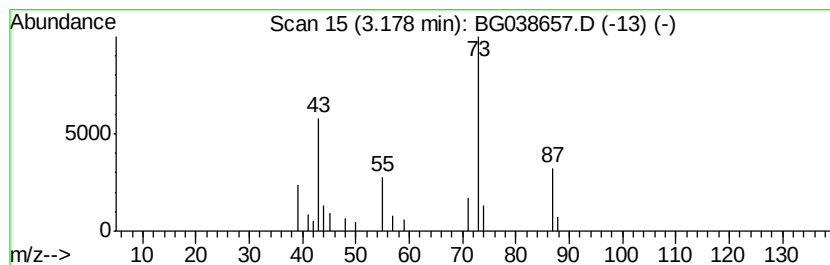
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.18	5.77 ng	32566	1,4-Dichlorobenzene-d4	8.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	59
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	23
4		3-Buten-2-ol, 3-methyl-	86	C5H10O	010473-14-0	9
5		3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	9



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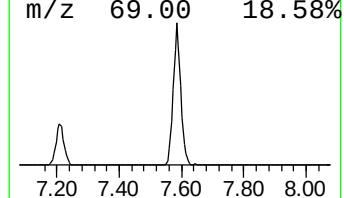
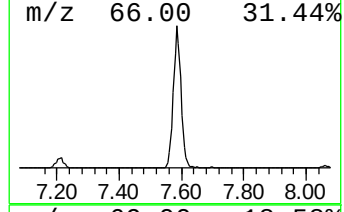
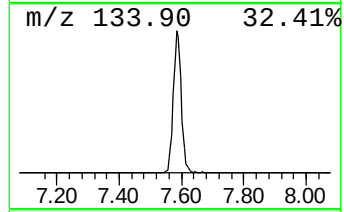
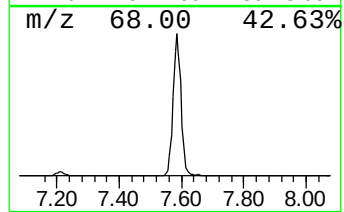
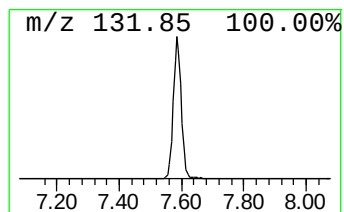
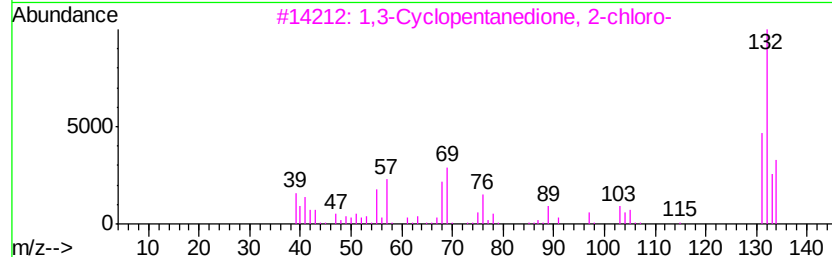
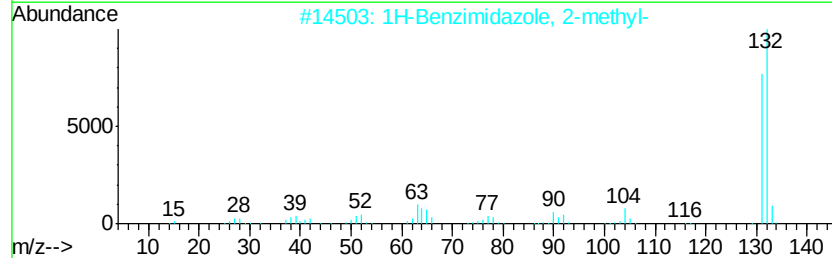
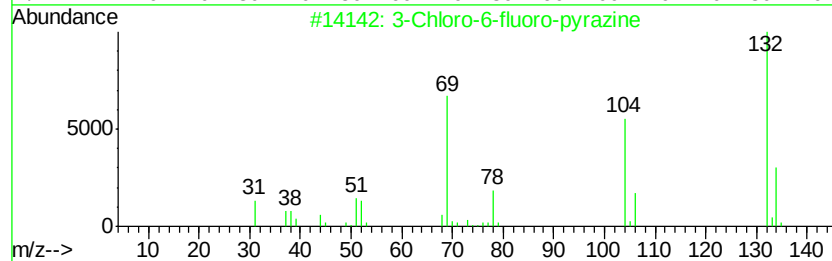
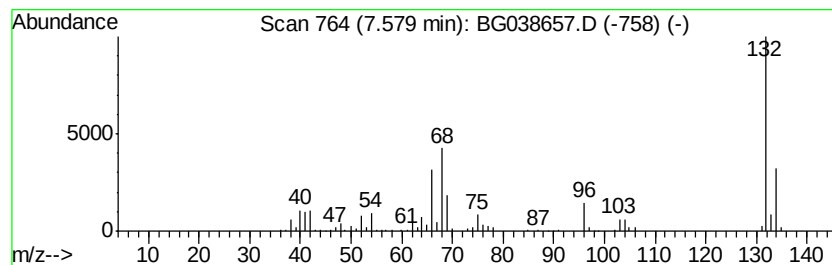
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown7.58 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	89.12 ng	502707	1,4-Dichlorobenzene-d4	8.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	25
3		1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	17
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	12



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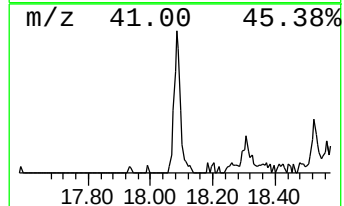
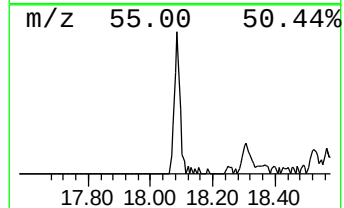
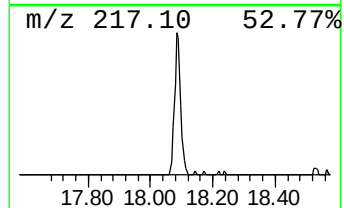
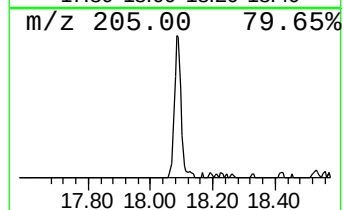
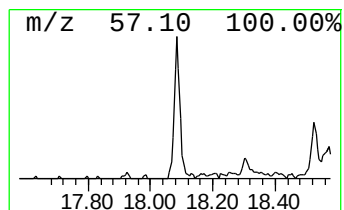
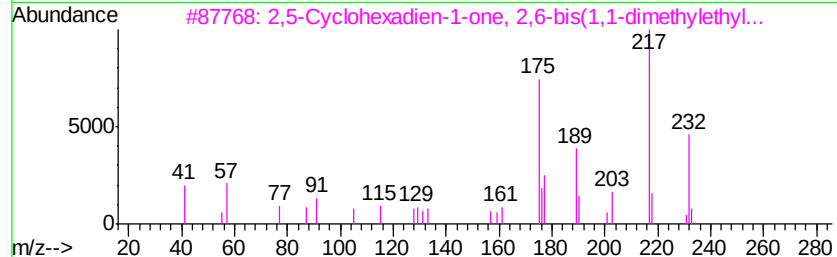
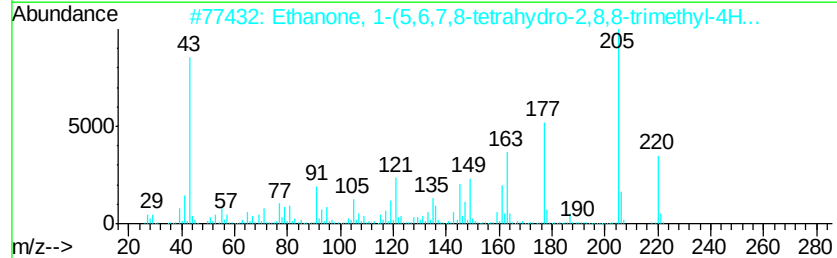
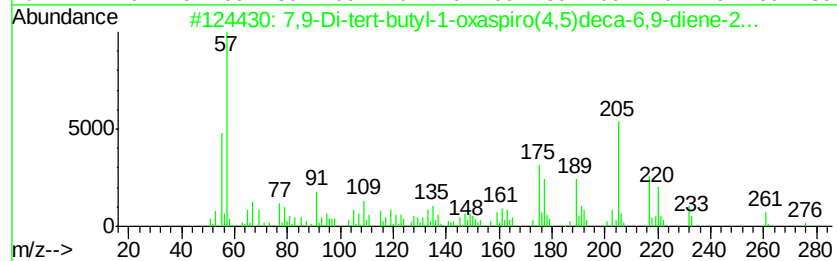
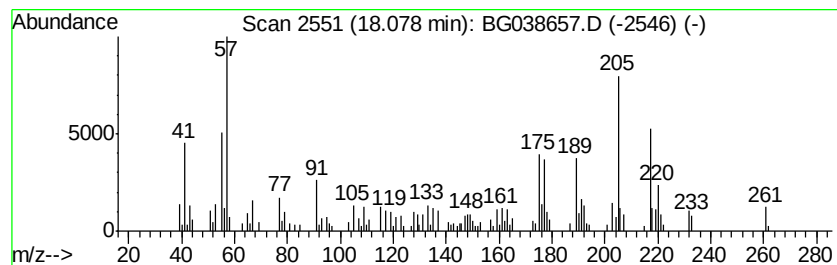
Instrument :
BNA_G
ClientSampled :
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 7,9-Di-tert-butyl-1-oxaspiro... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.08	8.44 ng	136901	Phenanthrene-d10	17.44	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	94
2	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	46
3	2,5-Cyclohexadien-1-one, 2,6-bis...	232	C16H24O	006738-27-8	42
4	Thiophene, 2-(4-nitrophenyl)-	205	C10H7NO2S	059156-21-7	30
5	Benzenamine, N,N-diethyl-4-(2-ni...	220	C12H16N2O2	064462-51-7	30



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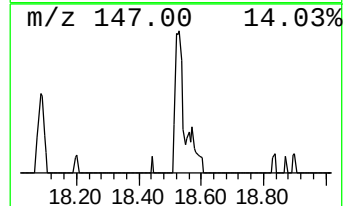
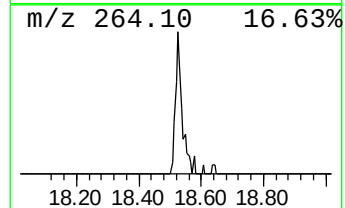
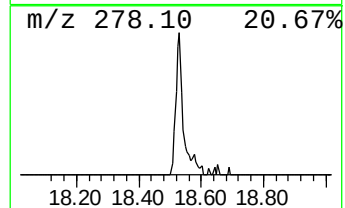
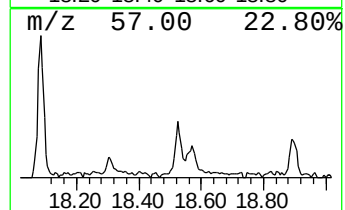
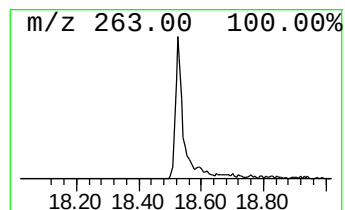
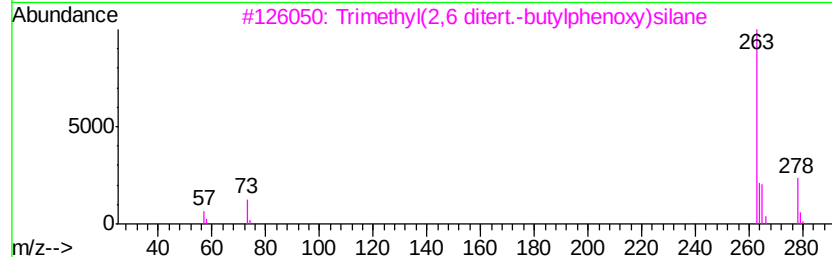
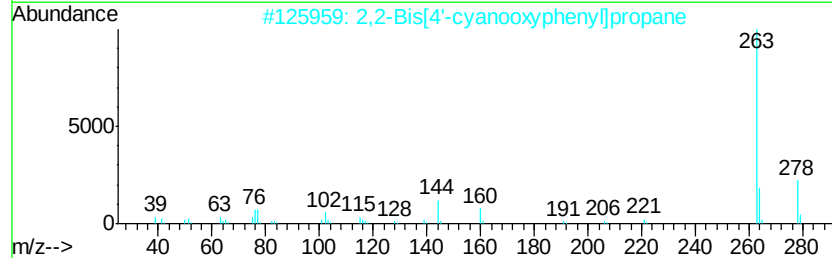
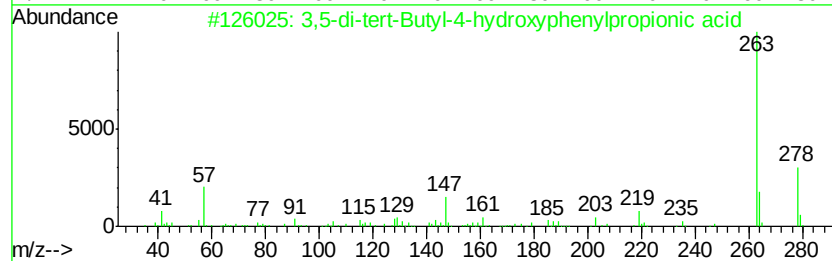
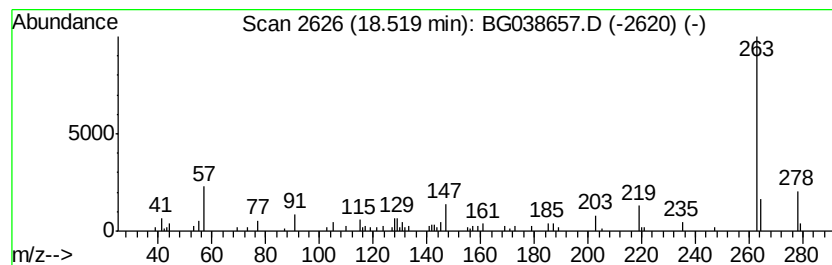
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Peak Number 5 3,5-di-tert-Butyl-4-hydroxy... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.52	4.33 ng	70240	Phenanthrene-d10	17.44		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-di-tert-Butyl-4-hydroxypheny...	278	C17H26O3	020170-32-5	93	
2	2,2-Bis[4'-cyanooxyphenyl]propane	278	C17H14N2O2	1000322-13-3	64	
3	Trimethyl(2,6 ditert.-butylpheno...	278	C17H30OSi	010416-73-6	64	
4	Fenoxon sulfoxide	278	C10H15O5PS	006552-13-2	64	
5	Pentan-2-one, 4-(2-fluorenylimino)-	263	C18H17NO	050651-58-6	49	



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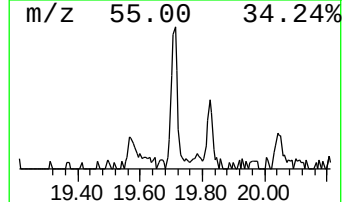
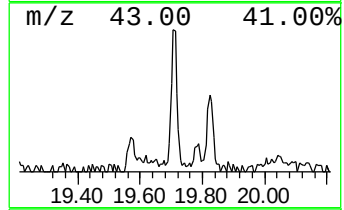
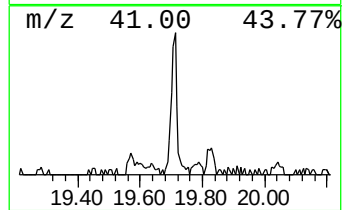
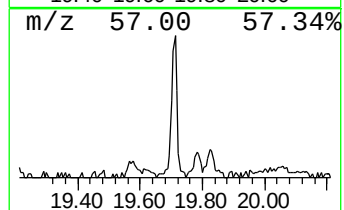
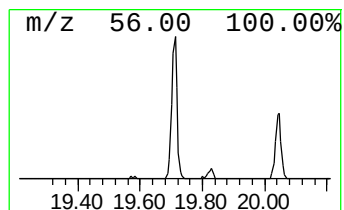
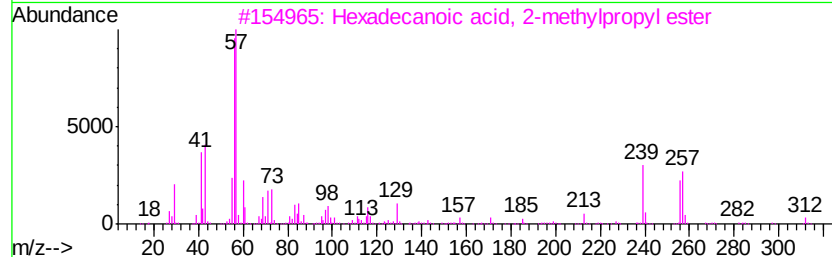
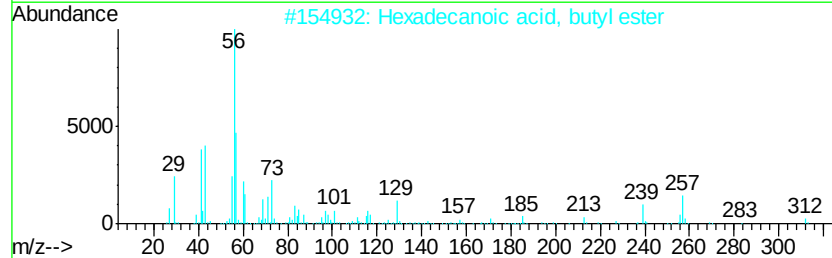
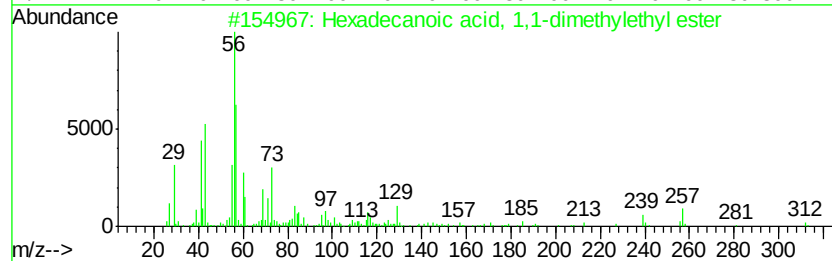
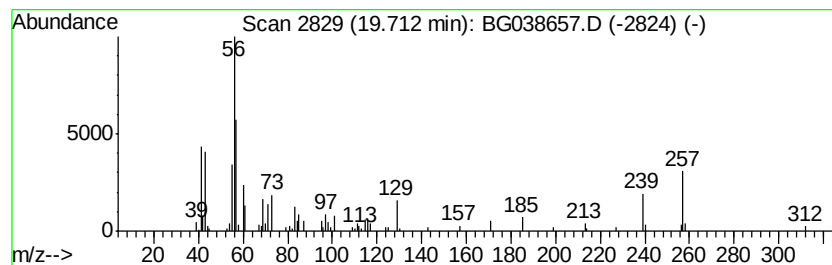
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Peak Number 6 Hexadecanoic acid, 1,1-dime... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.71	3.68 ng	73430	Chrysene-d12	21.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	91
2		Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	90
3		Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	55
4		1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	30
5		Cyclobutane, ethyl-	84	C6H12	004806-61-5	27



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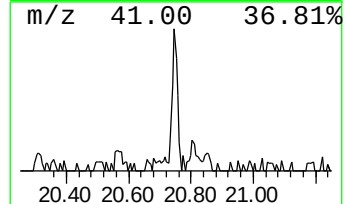
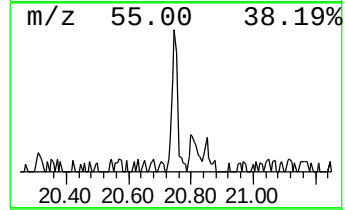
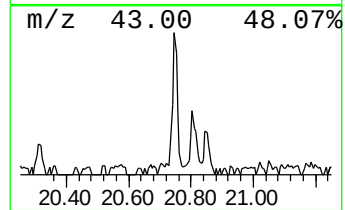
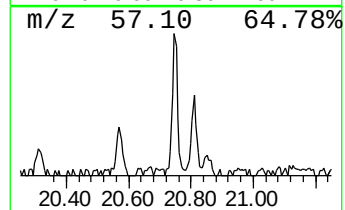
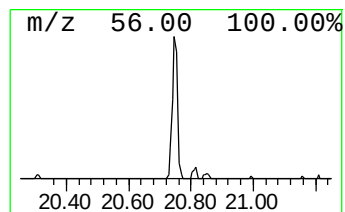
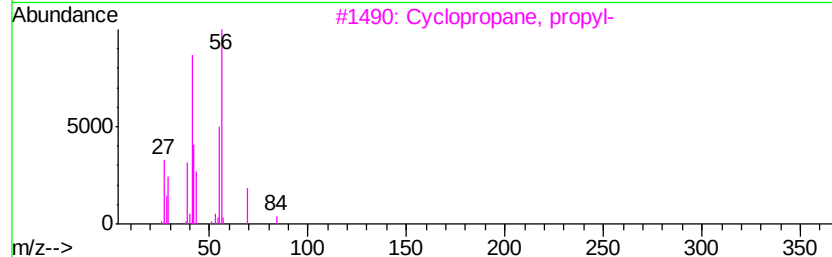
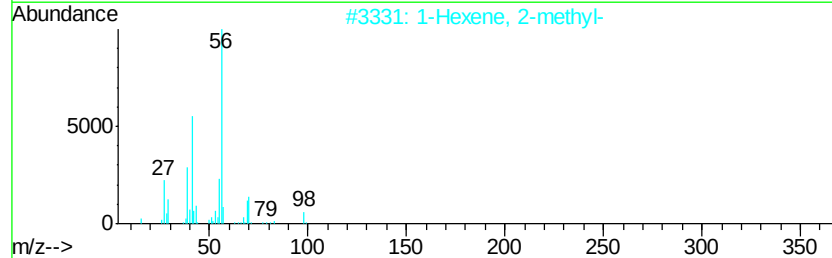
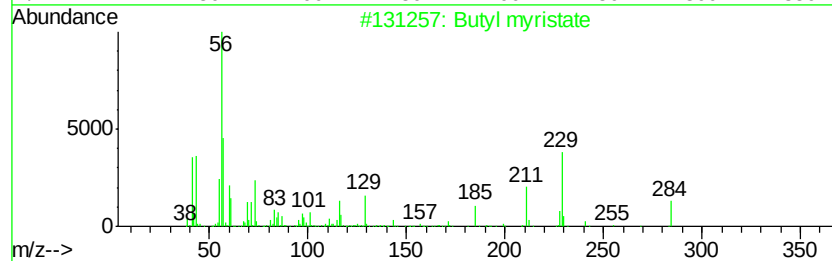
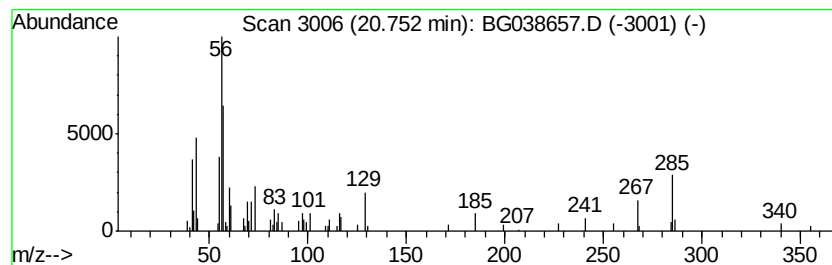
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Butyl myristate Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.75	2.42 ng	48283	Chrysene-d12	21.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butyl myristate	284	C18H36O2	000110-36-1	64
2		1-Hexene, 2-methyl-	98	C7H14	006094-02-6	27
3		Cyclopropane, propyl-	84	C6H12	002415-72-7	27
4		1-Hexene, 4-methyl-	98	C7H14	003769-23-1	27
5		1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121718\
Data File : BG038657.D
Acq On : 17 Dec 2018 11:06
Operator : JU/SJ
Sample : J6386-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P001-RB-181212

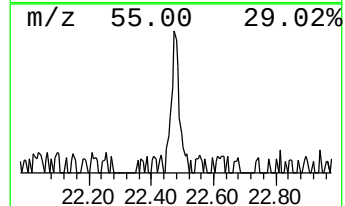
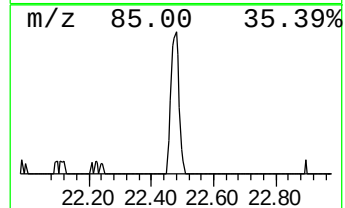
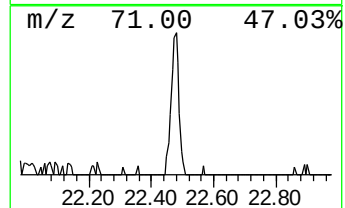
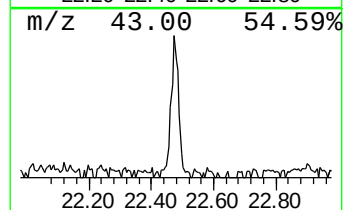
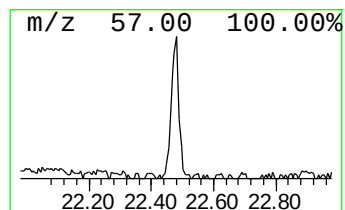
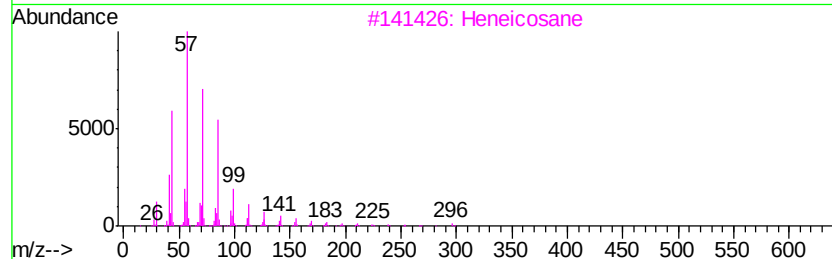
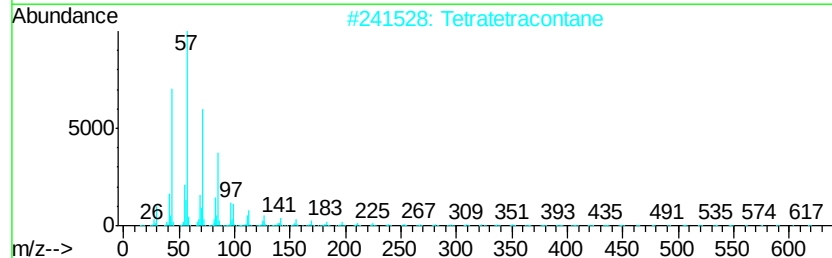
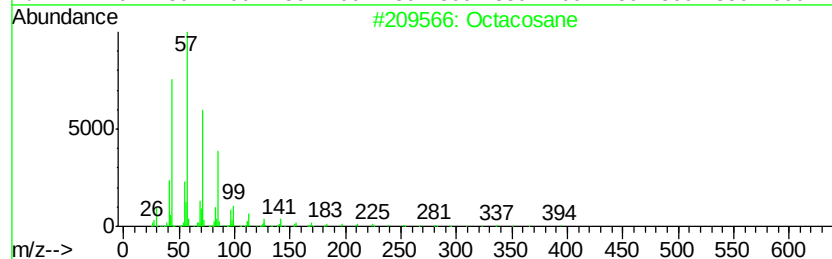
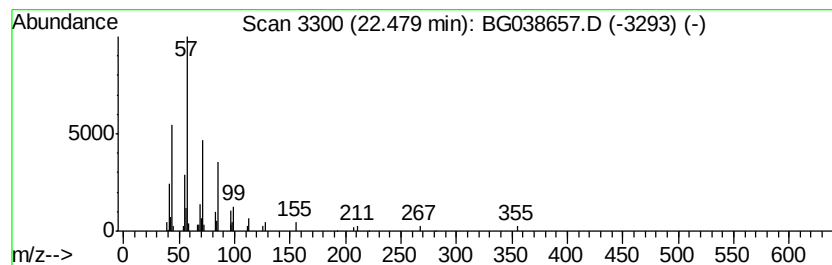
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Octacosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.48	2.42 ng	48264	Chrysene-d12	21.72

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane		394	C28H58	000630-02-4	91
2	Tetratetracontane		619	C44H90	007098-22-8	90
3	Heneicosane		296	C21H44	000629-94-7	87
4	Tetracosane		338	C24H50	000646-31-1	87
5	Hexatriacontane		507	C36H74	000630-06-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121718\
Data File : BG038657.D
Acq On : 17 Dec 2018 11:06
Operator : JU/SJ
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Misc :
ALS Vial : 5 Sample Multiplier: 1

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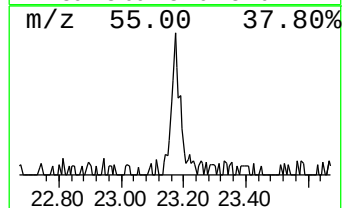
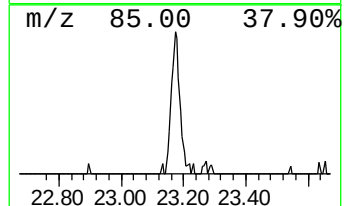
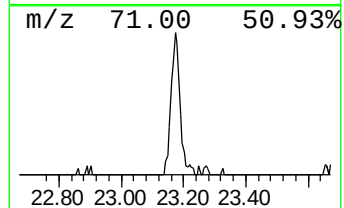
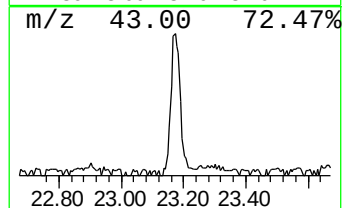
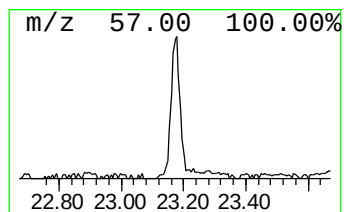
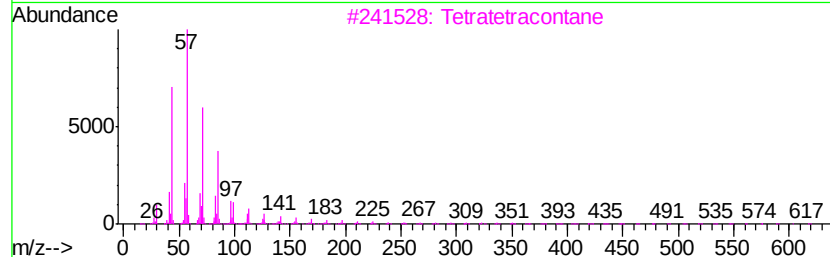
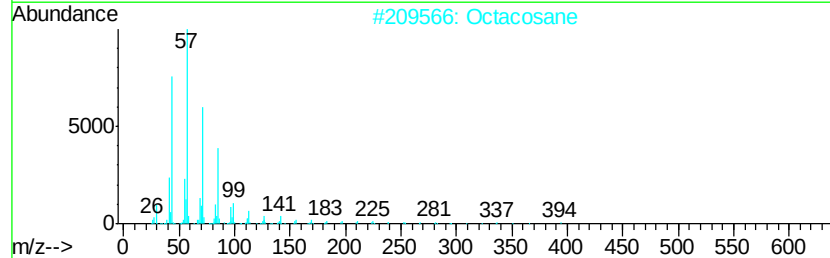
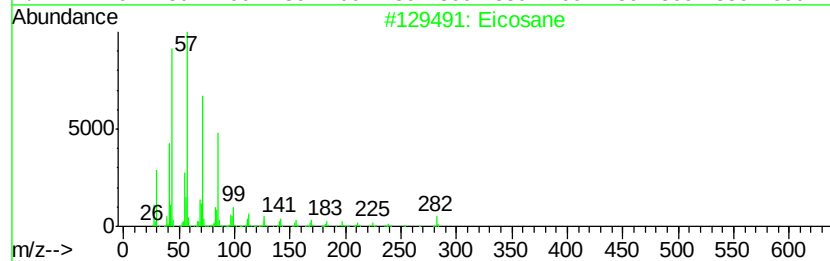
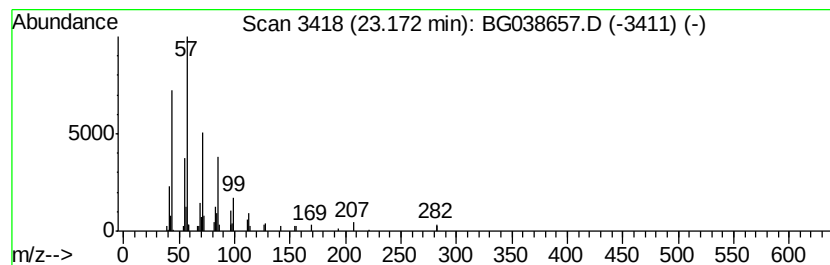
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Eicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.17	3.23 ng	64558	Chrysene-d12	21.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	96
2		Octacosane	394	C28H58	000630-02-4	83
3		Tetratetracontane	619	C44H90	007098-22-8	83
4		Nonadecane	268	C19H40	000629-92-5	80
5		Tetracosane	338	C24H50	000646-31-1	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121718\
Data File : BG038657.D
Acq On : 17 Dec 2018 11:06
Operator : JU/SJ
Sample : J6386-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P001-RB-181212

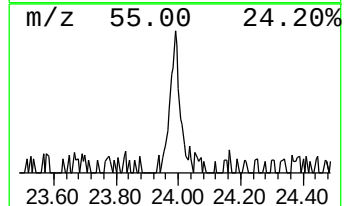
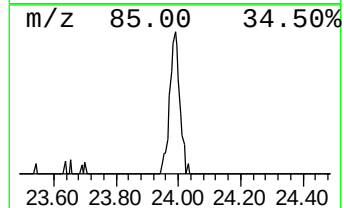
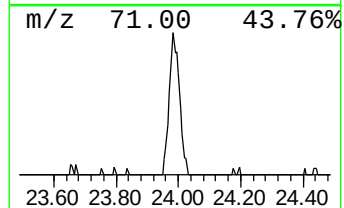
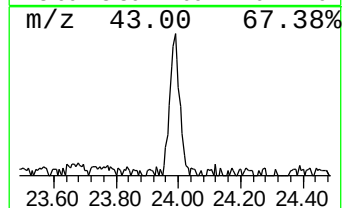
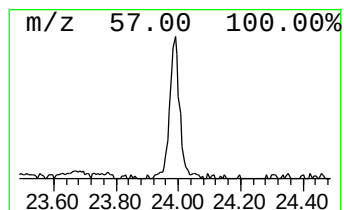
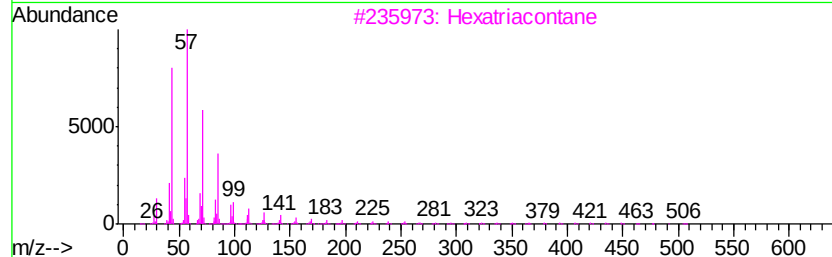
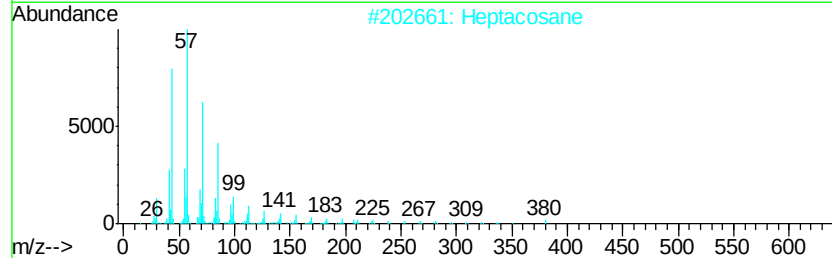
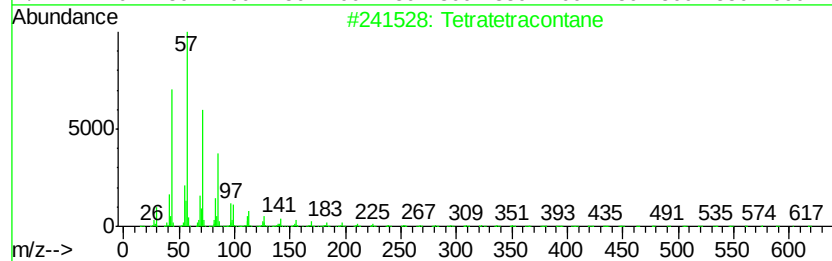
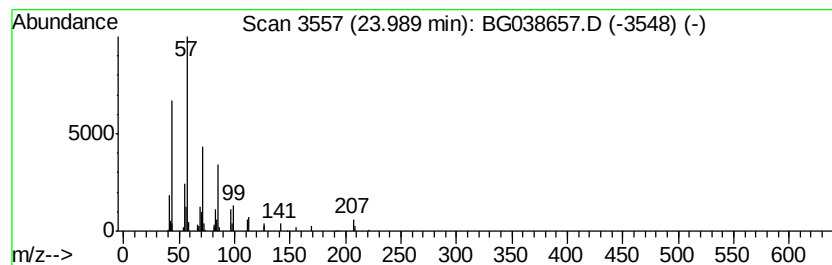
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Tetratetracontane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.99	3.49 ng	65533	Perylene-d12	25.02

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetratetracontane	619	C44H90	007098-22-8	91
2			Heptacosane	380	C27H56	000593-49-7	91
3			Hexatriacontane	507	C36H74	000630-06-8	91
4			Octacosane	394	C28H58	000630-02-4	90
5			Hentriacontane	437	C31H64	000630-04-6	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121718\
Data File : BG038657.D
Acq On : 17 Dec 2018 11:06
Operator : JU/SJ
Sample : J6386-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P001-RB-181212

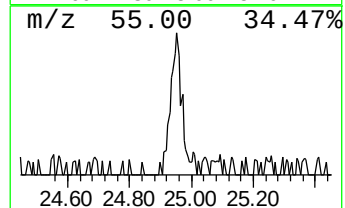
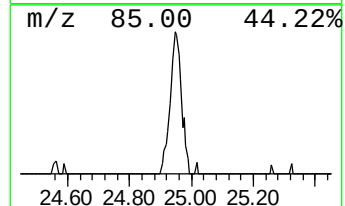
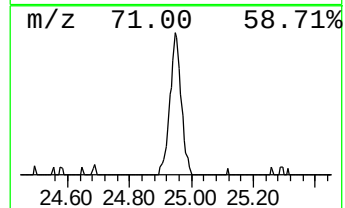
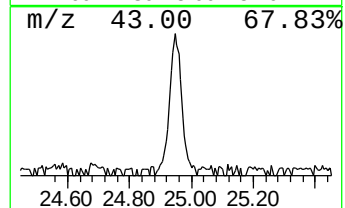
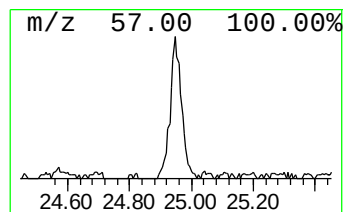
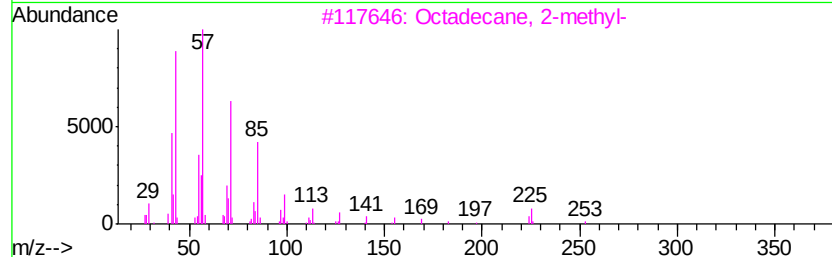
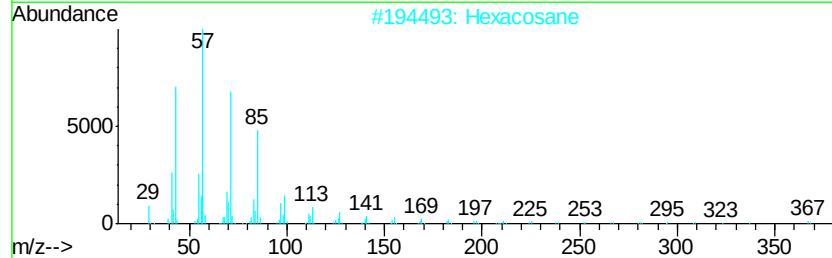
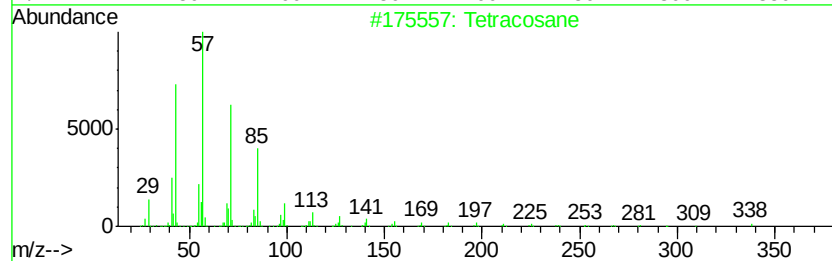
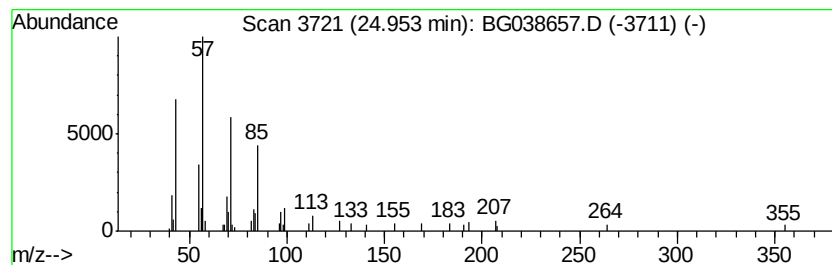
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Tetracosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.95	3.17 ng	59568	Perylene-d12	25.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	87
2		Hexacosane	366	C26H54	000630-01-3	87
3		Octadecane, 2-methyl-	268	C19H40	001560-88-9	86
4		Heneicosane	296	C21H44	000629-94-7	83
5		Octacosane	394	C28H58	000630-02-4	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121718\
Data File : BG038657.D
Acq On : 17 Dec 2018 11:06
Operator : JU/SJ
Sample : J6386-04
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ALS Vial : 5 Sample Multiplier: 1

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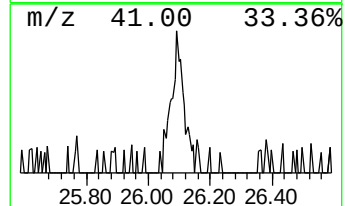
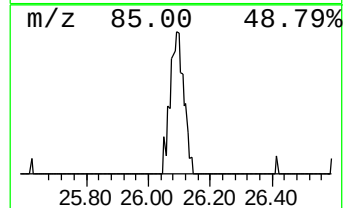
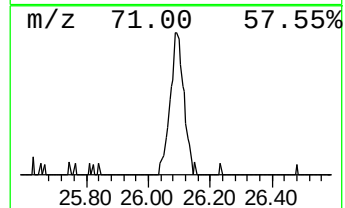
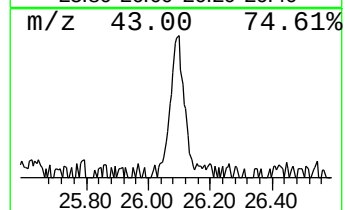
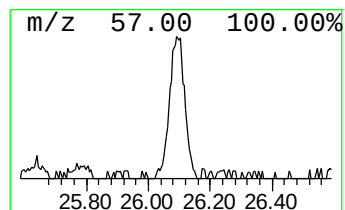
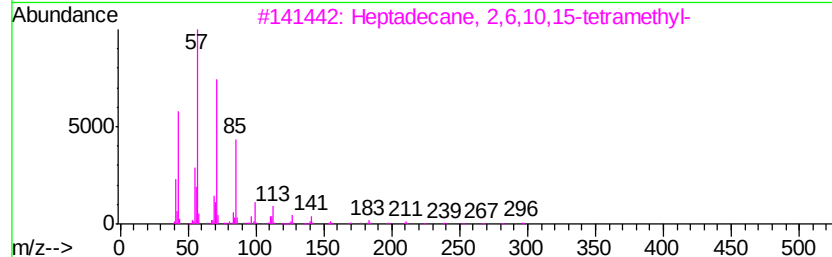
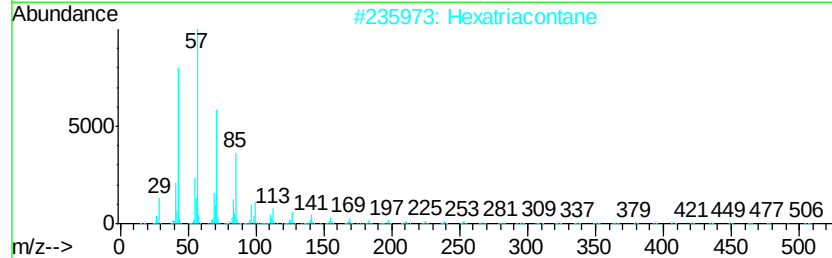
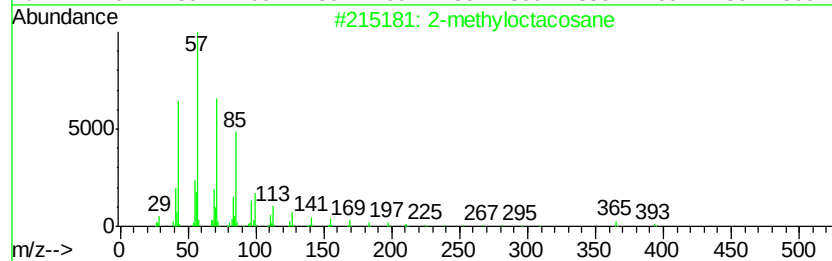
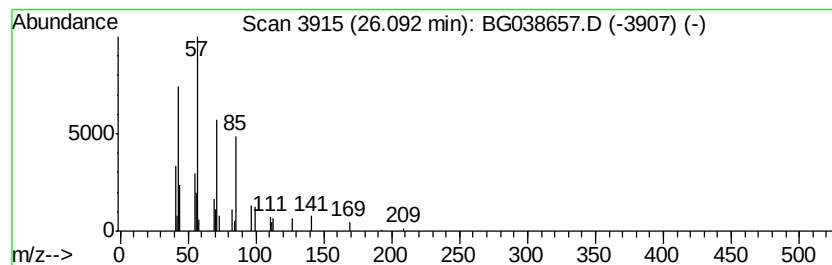
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 2-methyloctacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.09	2.68 ng	50397	Perylene-d12	25.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	80
2		Hexatriacontane	507	C36H74	000630-06-8	74
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
4		Octacosane	394	C28H58	000630-02-4	72
5		Hexacosane	366	C26H54	000630-01-3	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121718\
Data File : BG038657.D
Acq On : 17 Dec 2018 11:06
Operator : JU/SJ
Sample : J6386-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.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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unknown7.58	7.58	89.1	ng	502707	1	8.06	112815	20.0
7,9-Di-tert-butyl...	18.08	8.4	ng	136901	4	17.44	324316	20.0
3,5-di-tert-Butyl...	18.52	4.3	ng	70240	4	17.44	324316	20.0
Hexadecanoic acid...	19.71	3.7	ng	73430	5	21.72	399209	20.0
Butyl myristate	20.75	2.4	ng	48283	5	21.72	399209	20.0
Octacosane	22.48	2.4	ng	48264	5	21.72	399209	20.0
Eicosane	23.17	3.2	ng	64558	5	21.72	399209	20.0
Tetratetracontane	23.99	3.5	ng	65533	6	25.02	375438	20.0
Tetracosane	24.95	3.2	ng	59568	6	25.02	375438	20.0
2-methyloctacosane	26.09	2.7	ng	50397	6	25.02	375438	20.0