

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011419\
 Data File : BG039122.D
 Acq On : 14 Jan 2019 15:48
 Operator : JU/SJ
 Sample : K1128-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RBR-200053

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	5.109	337	344	351	rBV	25072	39255	1.74%	0.331%
2	5.579	416	424	437	rBV	542216	911643	40.44%	7.691%
3	7.188	690	698	714	rBV	468236	852992	37.84%	7.196%
4	7.553	753	760	770	rBV	458561	802083	35.58%	6.766%
5	8.023	833	840	847	rBV	85073	145173	6.44%	1.225%
6	8.346	887	895	904	rVB	328485	579237	25.70%	4.887%
7	9.204	1033	1041	1057	rBV	315420	583531	25.89%	4.923%
8	10.843	1312	1320	1331	rBV	105033	196845	8.73%	1.661%
9	13.281	1727	1735	1748	rBV	824565	1333260	59.14%	11.248%
10	14.110	1870	1876	1883	rBV	216542	325638	14.45%	2.747%
11	14.668	1964	1971	1982	rBV2	199976	342476	15.19%	2.889%
12	16.160	2218	2225	2244	rBV	805078	1271290	56.40%	10.725%
13	17.412	2432	2438	2444	rBV2	282696	441455	19.58%	3.724%
14	18.275	2579	2585	2592	rBV3	15354	26664	1.18%	0.225%
15	19.468	2781	2788	2795	rVB	25885	37553	1.67%	0.317%
16	19.832	2846	2850	2856	rVB	23313	36121	1.60%	0.305%
17	20.020	2875	2882	2887	rBV	1656991	2254253	100.00%	19.017%
18	20.778	3007	3011	3015	rBV3	25970	30728	1.36%	0.259%
19	21.284	3089	3097	3108	rBV	56027	101123	4.49%	0.853%
20	21.689	3159	3166	3172	rBV	362211	619145	27.47%	5.223%
21	21.824	3184	3189	3196	rVB	43279	65692	2.91%	0.554%
22	22.429	3287	3292	3298	rBV2	52375	87275	3.87%	0.736%
23	23.123	3404	3410	3417	rVB	38754	74963	3.33%	0.632%
24	23.922	3538	3546	3555	rBV2	35653	90061	4.00%	0.760%
25	24.879	3701	3709	3713	rBV4	22400	50851	2.26%	0.429%
26	24.962	3714	3723	3735	rVB	164518	476500	21.14%	4.020%
27	25.996	3891	3899	3910	rVB4	18093	53899	2.39%	0.455%
28	27.365	4125	4132	4140	rVB7	7990	24101	1.07%	0.203%

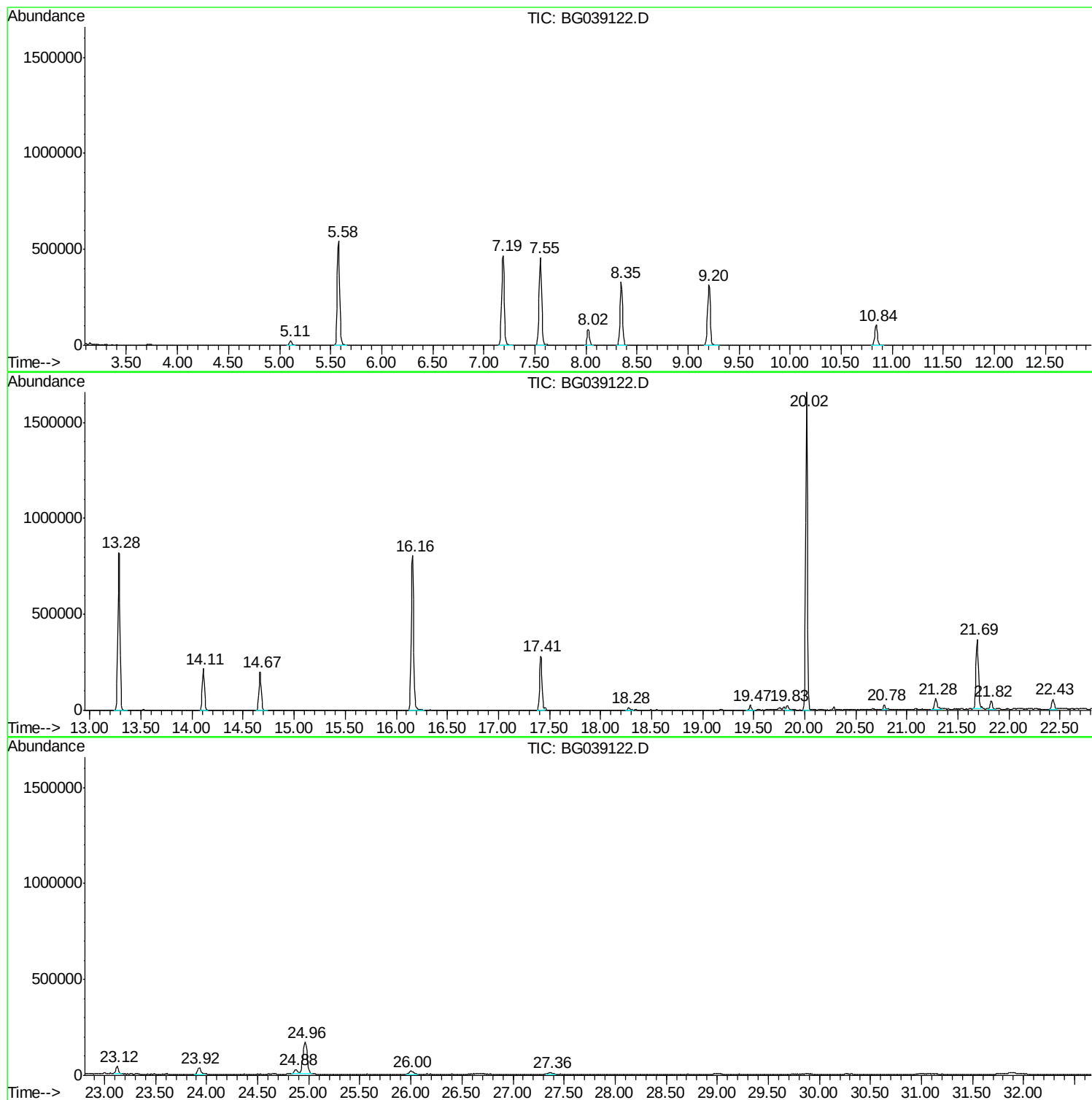
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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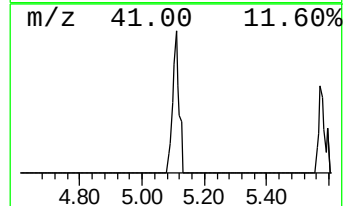
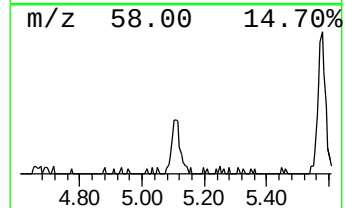
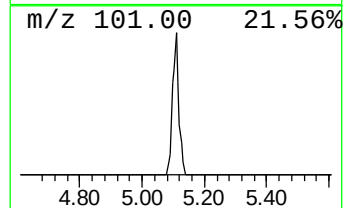
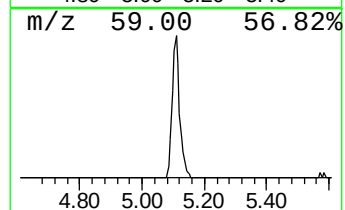
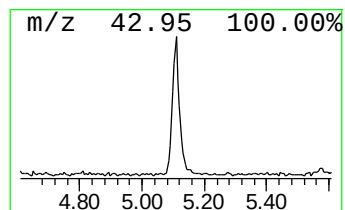
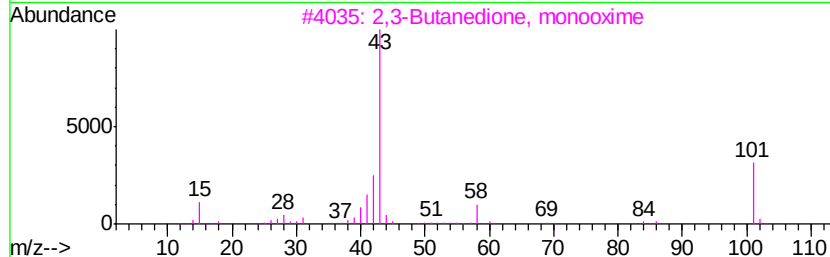
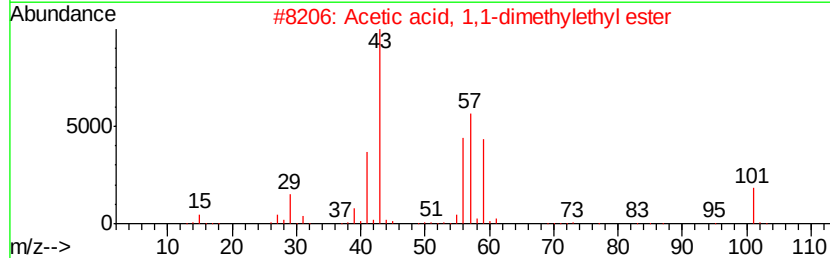
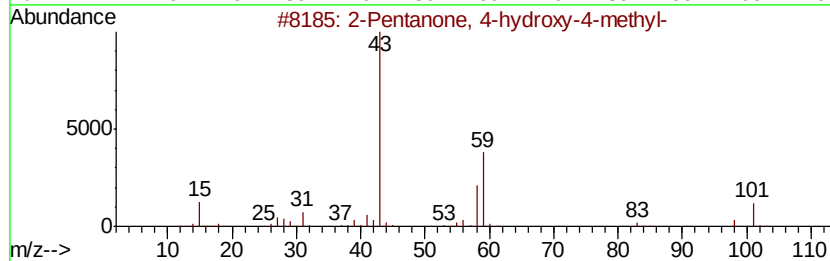
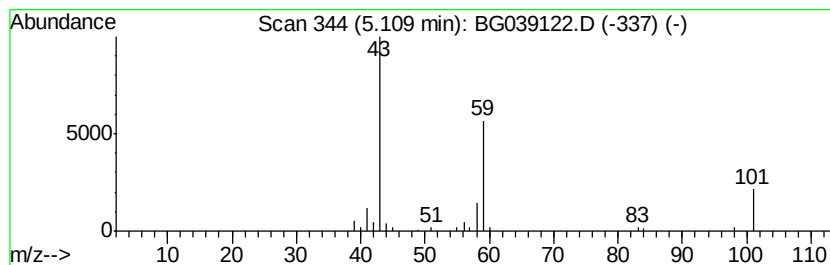
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.11	5.41 ng	39255	1,4-Dichlorobenzene-d4	8.02

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	37
4			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	25
5			4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	9



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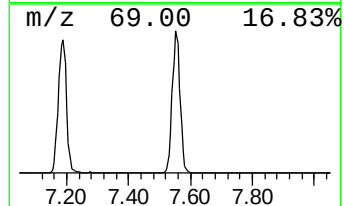
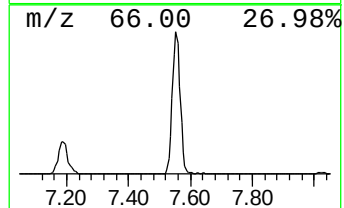
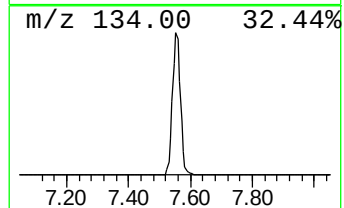
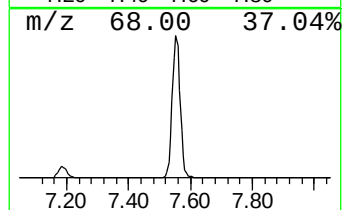
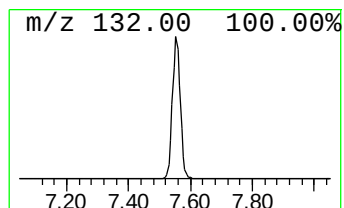
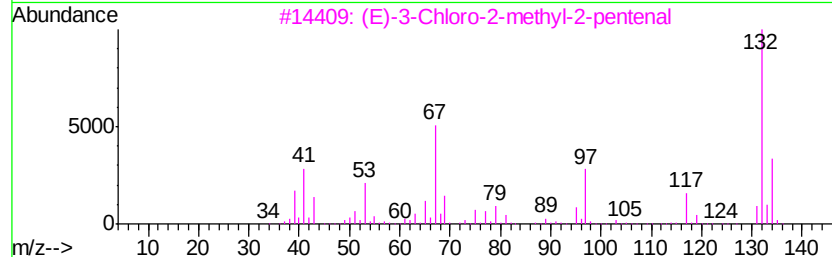
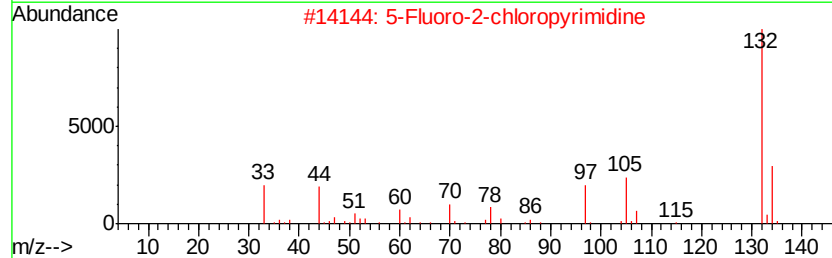
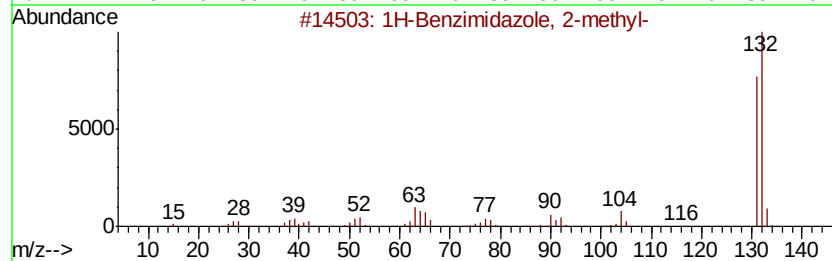
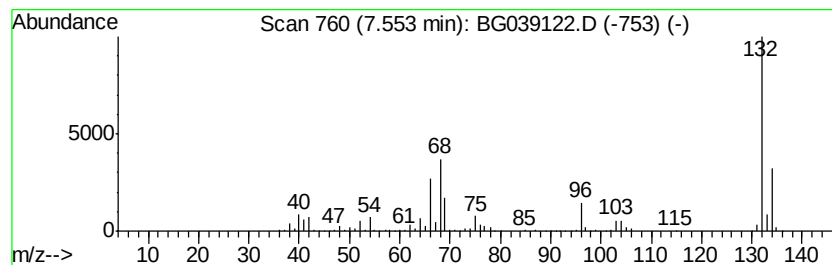
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Peak Number 2 unknown7.55 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.55	110.50 ng	802083	1,4-Dichlorobenzene-d4	8.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	27
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	25
3		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
4		5-Aminoindole	132	C8H8N2	005192-03-0	16
5		Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	10



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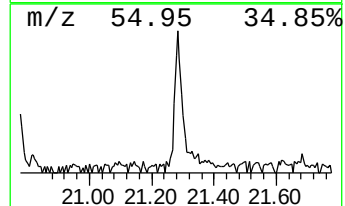
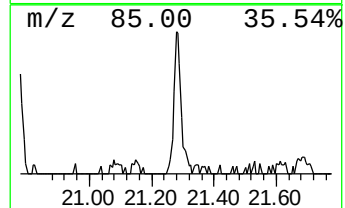
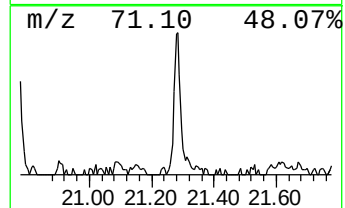
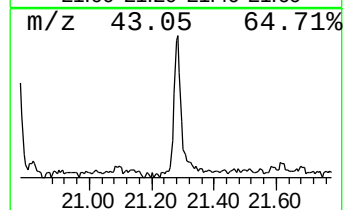
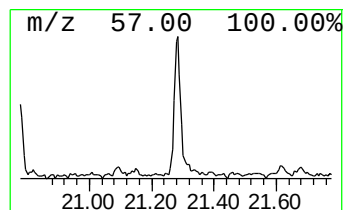
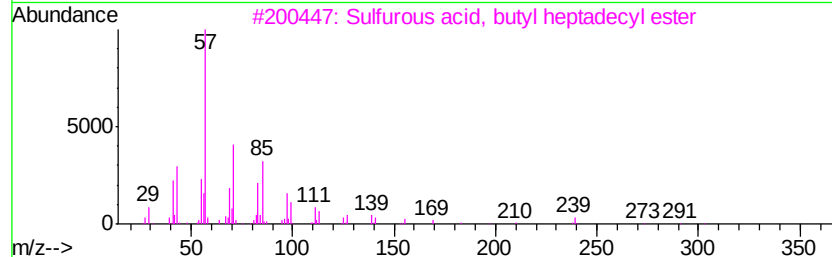
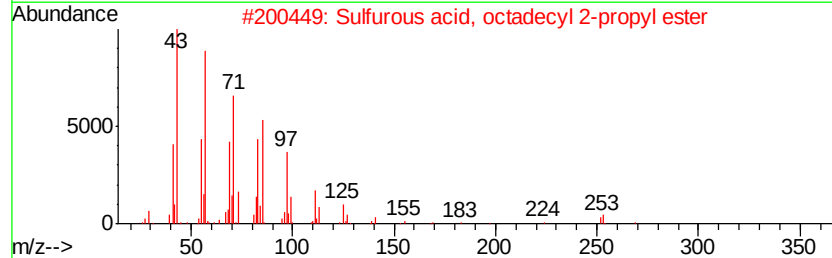
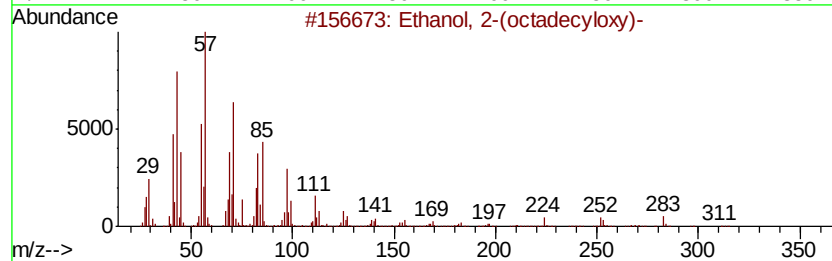
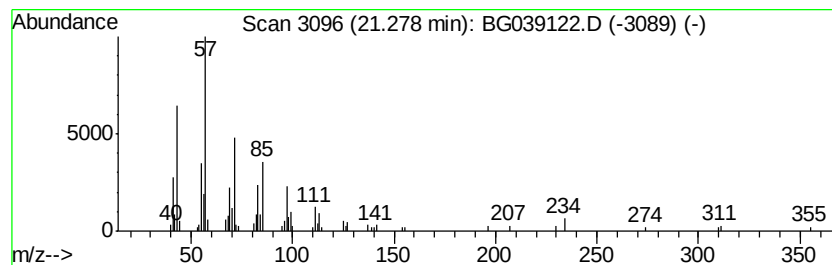
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Peak Number 4 Ethanol, 2-(octadecyloxy)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.28	3.27 ng	101123	Chrysene-d12	21.69
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Ethanol, 2-(octadecyloxy)-	314 C20H42O2	002136-72-3 91
2		Sulfurous acid, octadecyl 2-prop...	376 C21H44O3S	1000309-12-7 87
3		Sulfurous acid, butyl heptadecyl...	376 C21H44O3S	1000309-18-4 80
4		1-Octadecanesulphonyl chloride	352 C18H37ClO2S	1000342-70-4 72
5		Octadecane, 1-bromo-	332 C18H37Br	000112-89-0 72



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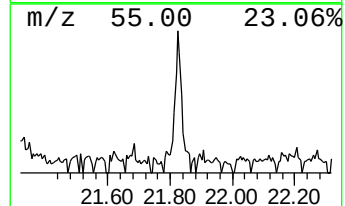
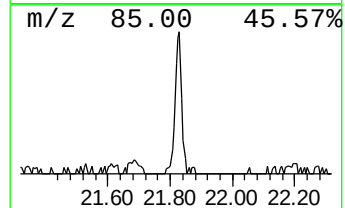
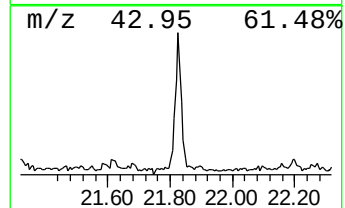
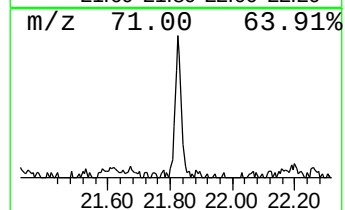
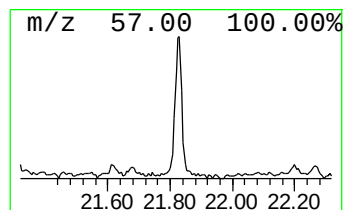
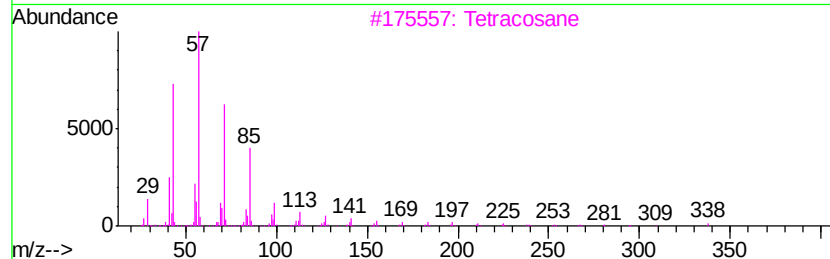
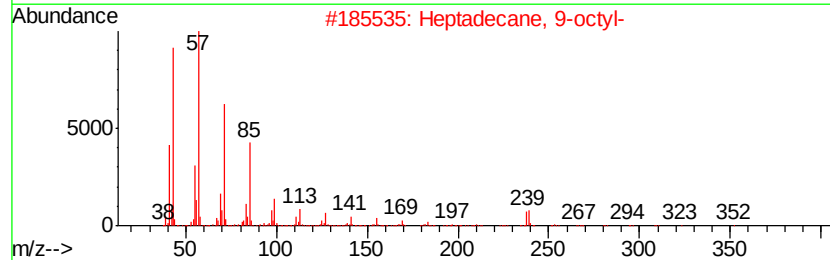
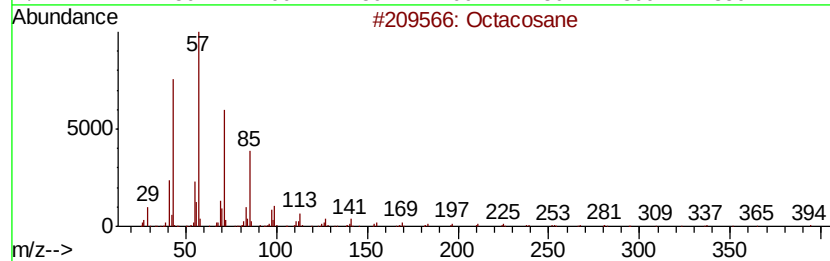
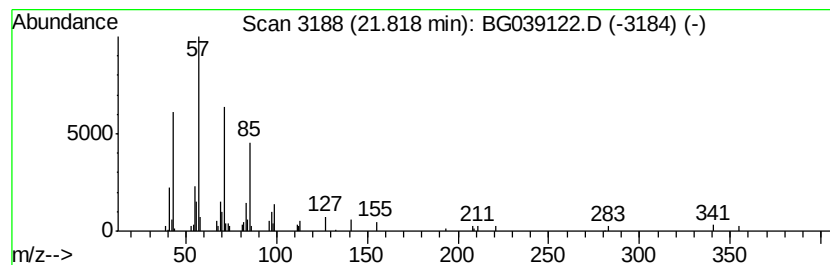
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Peak Number 5 Octacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.82	2.12 ng	65692	Chrysene-d12	21.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3		Tetracosane	338	C24H50	000646-31-1	91
4		Octadecane	254	C18H38	000593-45-3	87
5		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	86



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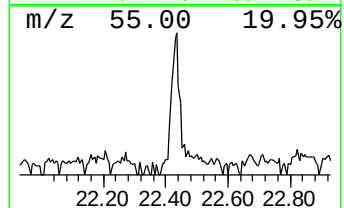
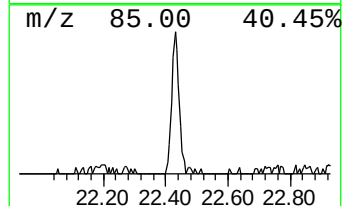
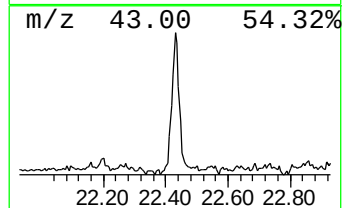
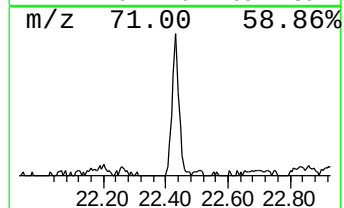
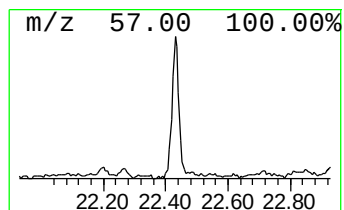
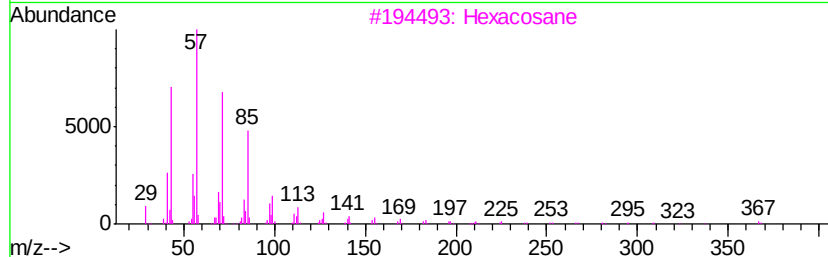
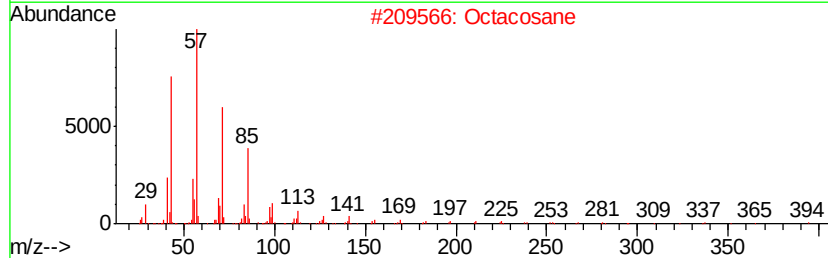
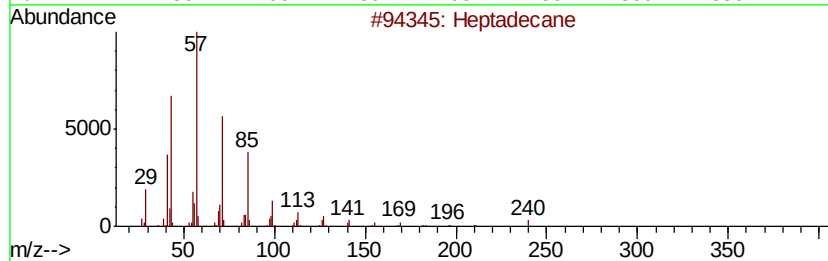
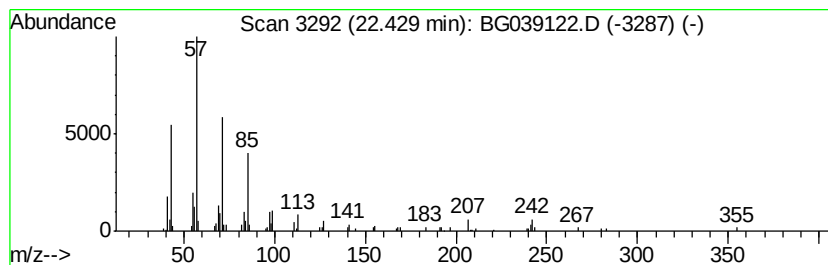
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Peak Number 6 Heptadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.43	2.82 ng	87275	Chrysene-d12	21.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	90
2		Octacosane	394	C28H58	000630-02-4	87
3		Hexacosane	366	C26H54	000630-01-3	87
4		Tetracosane	338	C24H50	000646-31-1	87
5		Hentriacontane	437	C31H64	000630-04-6	83



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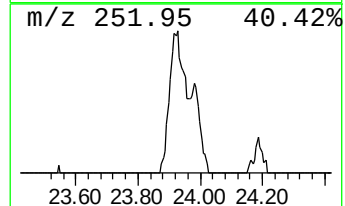
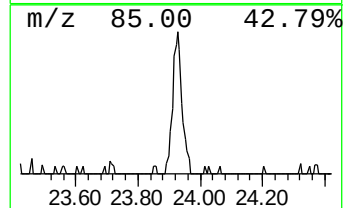
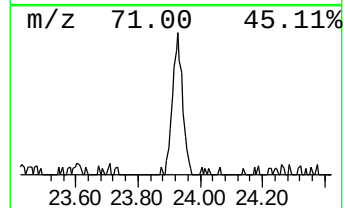
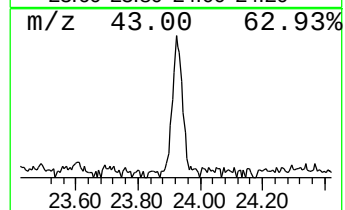
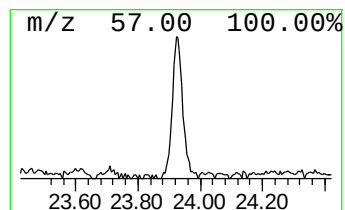
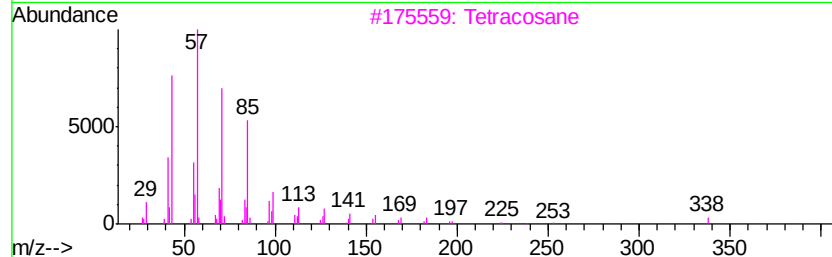
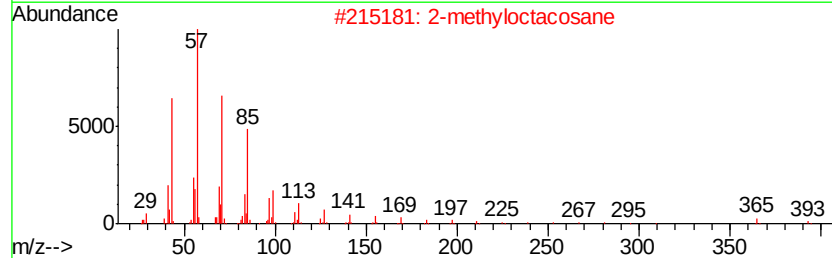
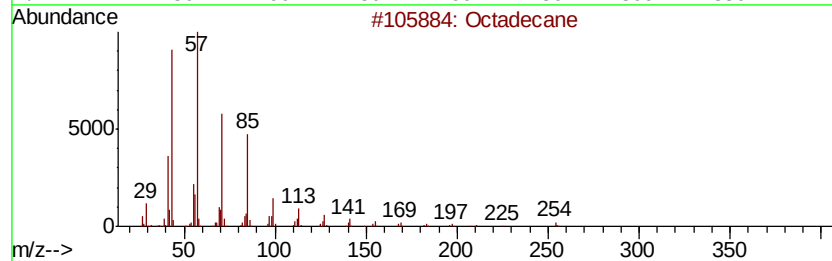
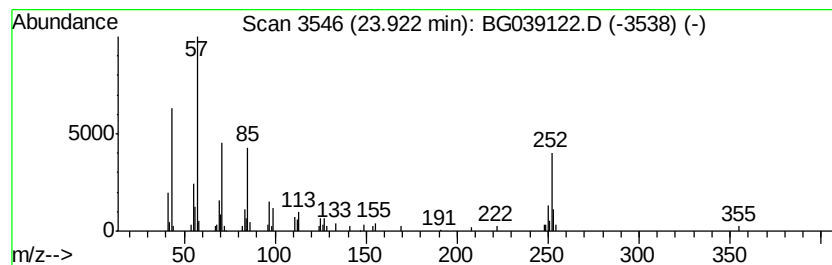
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Octadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.92	3.78 ng	90061	Perylene-d12	24.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	78
2		2-methyloctacosane	408	C29H60	1000376-72-8	53
3		Tetracosane	338	C24H50	000646-31-1	53
4		Eicosane, 2-methyl-	296	C21H44	001560-84-5	46
5		Heptadecane	240	C17H36	000629-78-7	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011419\
Data File : BG039122.D
Acq On : 14 Jan 2019 15:48
Operator : JU/SJ
Sample : K1128-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RBR-200053

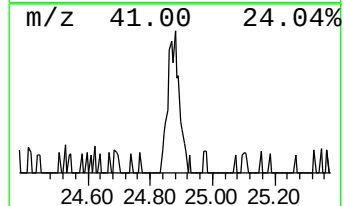
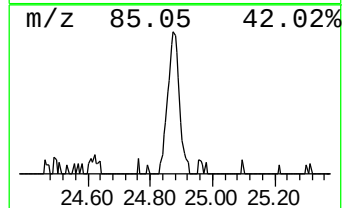
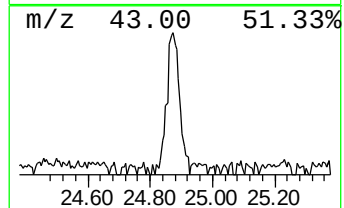
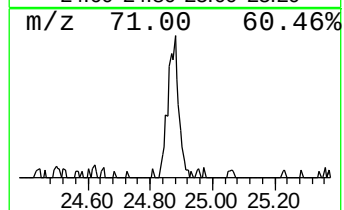
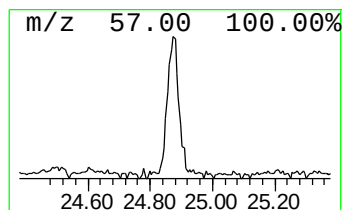
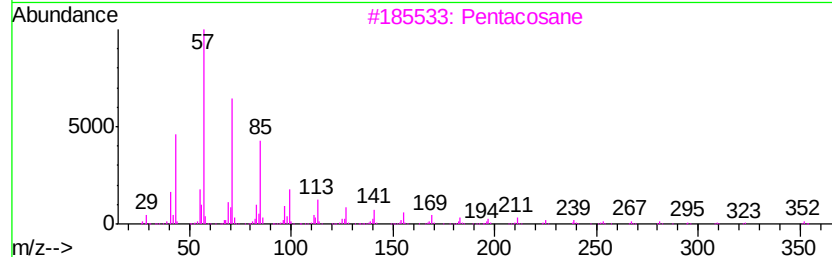
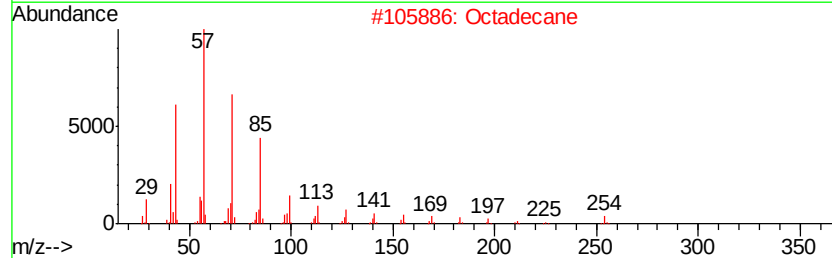
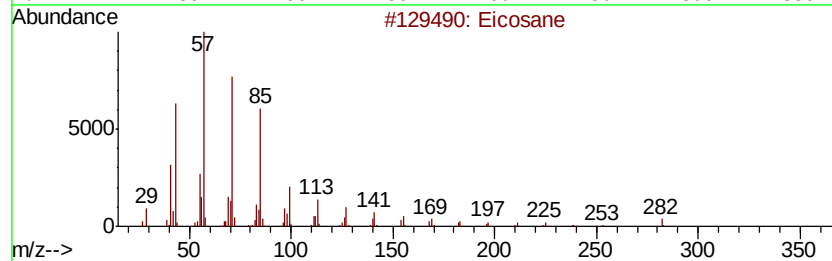
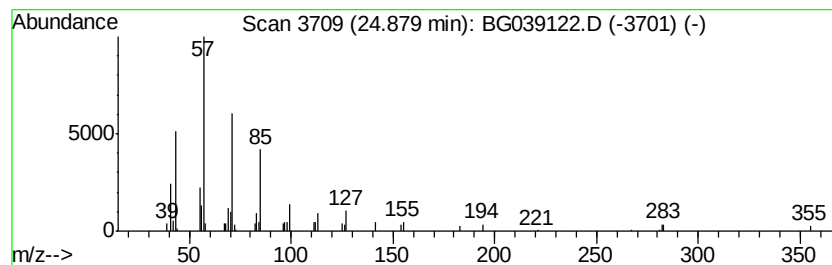
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Eicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.88	2.13 ng	50851	Perylene-d12	24.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	94
2		Octadecane	254	C18H38	000593-45-3	87
3		Pentacosane	352	C25H52	000629-99-2	87
4		Heneicosane	296	C21H44	000629-94-7	87
5		Docosane	310	C22H46	000629-97-0	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011419\
Data File : BG039122.D
Acq On : 14 Jan 2019 15:48
Operator : JU/SJ
Sample : K1128-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RBR-200053

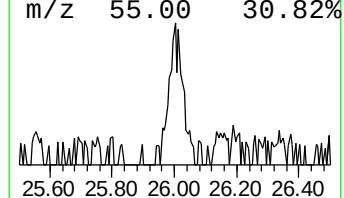
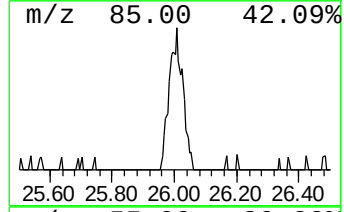
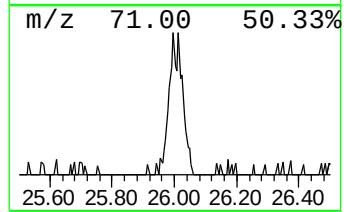
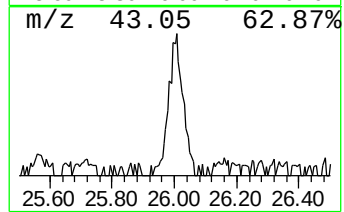
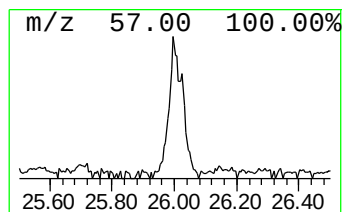
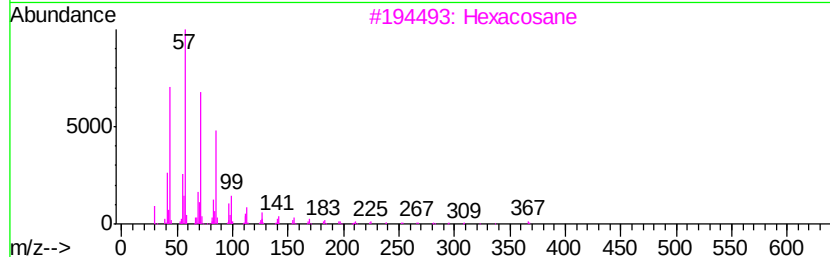
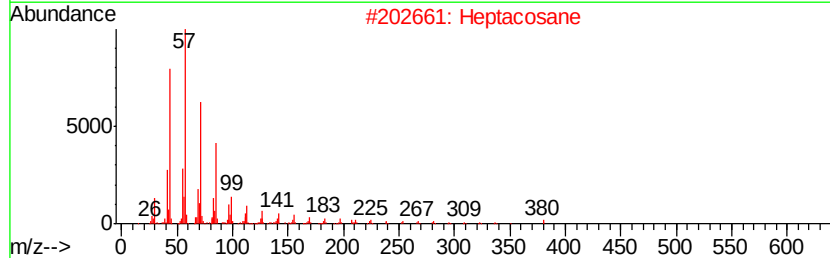
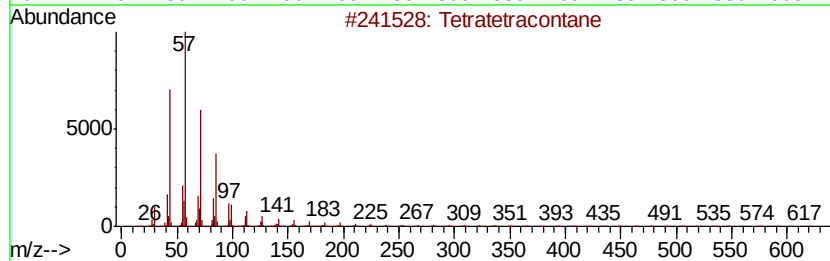
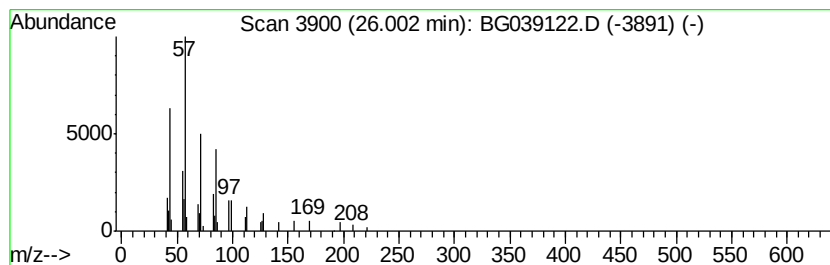
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Tetratetracontane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.00	2.26 ng	53899	Perylene-d12	24.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratetracontane	619	C44H90	007098-22-8	83
2		Heptacosane	380	C27H56	000593-49-7	83
3		Hexacosane	366	C26H54	000630-01-3	80
4		Hentriacontane	437	C31H64	000630-04-6	80
5		Tetracosane	338	C24H50	000646-31-1	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG011419\
Data File : BG039122.D
Acq On : 14 Jan 2019 15:48
Operator : JU/SJ
Sample : K1128-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RBR-200053

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
2-Pentanone, 4-hy...	5.11	5.4	ng	39255	1	8.02	145173	20.0
unknown7.55	7.55	110.5	ng	802083	1	8.02	145173	20.0
Ethanol, 2-(octad...	21.28	3.3	ng	101123	5	21.69	619145	20.0
Octacosane	21.82	2.1	ng	65692	5	21.69	619145	20.0
Heptadecane	22.43	2.8	ng	87275	5	21.69	619145	20.0
Octadecane	23.92	3.8	ng	90061	6	24.97	476500	20.0
Eicosane	24.88	2.1	ng	50851	6	24.97	476500	20.0
Tetratetracontane	26.00	2.3	ng	53899	6	24.97	476500	20.0