

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041019\
 Data File : BG040420.D
 Acq On : 10 Apr 2019 18:20
 Operator : JU/SJ
 Sample : K2338-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1-WATER

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-BG032719.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	3.188	13	17	26	rVB	49897	98758	2.51%	0.449%
2	5.603	421	428	441	rBV	588715	958015	24.37%	4.355%
3	7.201	693	700	716	rBV	401003	738649	18.79%	3.358%
4	7.577	755	764	778	rBV	917456	1581504	40.23%	7.189%
5	8.047	837	844	855	rVB	200248	350855	8.93%	1.595%
6	8.370	891	899	909	rBV	745634	1312460	33.39%	5.966%
7	9.222	1036	1044	1063	rBV	634614	1157247	29.44%	5.261%
8	10.861	1316	1323	1338	rBV	252762	468941	11.93%	2.132%
9	13.300	1728	1738	1750	rBV	1678143	2610504	66.41%	11.867%
10	14.122	1873	1878	1885	rBV	70394	112865	2.87%	0.513%
11	14.680	1965	1973	1982	rBV3	397069	660376	16.80%	3.002%
12	16.167	2219	2226	2240	rBV	1241350	1977996	50.32%	8.992%
13	17.418	2433	2439	2452	rBV2	506891	851283	21.66%	3.870%
14	18.282	2580	2586	2597	rBV4	56622	124693	3.17%	0.567%
15	20.021	2876	2882	2895	rBV	2891169	3931104	100.00%	17.870%
16	21.296	3093	3099	3113	rBV2	186006	380104	9.67%	1.728%
17	21.696	3160	3167	3177	rBV	595519	1010913	25.72%	4.595%
18	21.837	3186	3191	3198	rBV	129738	173447	4.41%	0.788%
19	22.448	3289	3295	3301	rBV	193503	305644	7.78%	1.389%
20	23.141	3406	3413	3420	rVB	245891	451381	11.48%	2.052%
21	23.946	3542	3550	3560	rVB	233375	527845	13.43%	2.399%
22	24.898	3703	3712	3718	rBV	218774	552589	14.06%	2.512%
23	24.974	3718	3725	3738	rVB2	345308	974014	24.78%	4.428%
24	26.038	3896	3906	3919	rVB3	150797	457005	11.63%	2.077%
25	27.401	4129	4138	4148	rVB3	69999	229950	5.85%	1.045%

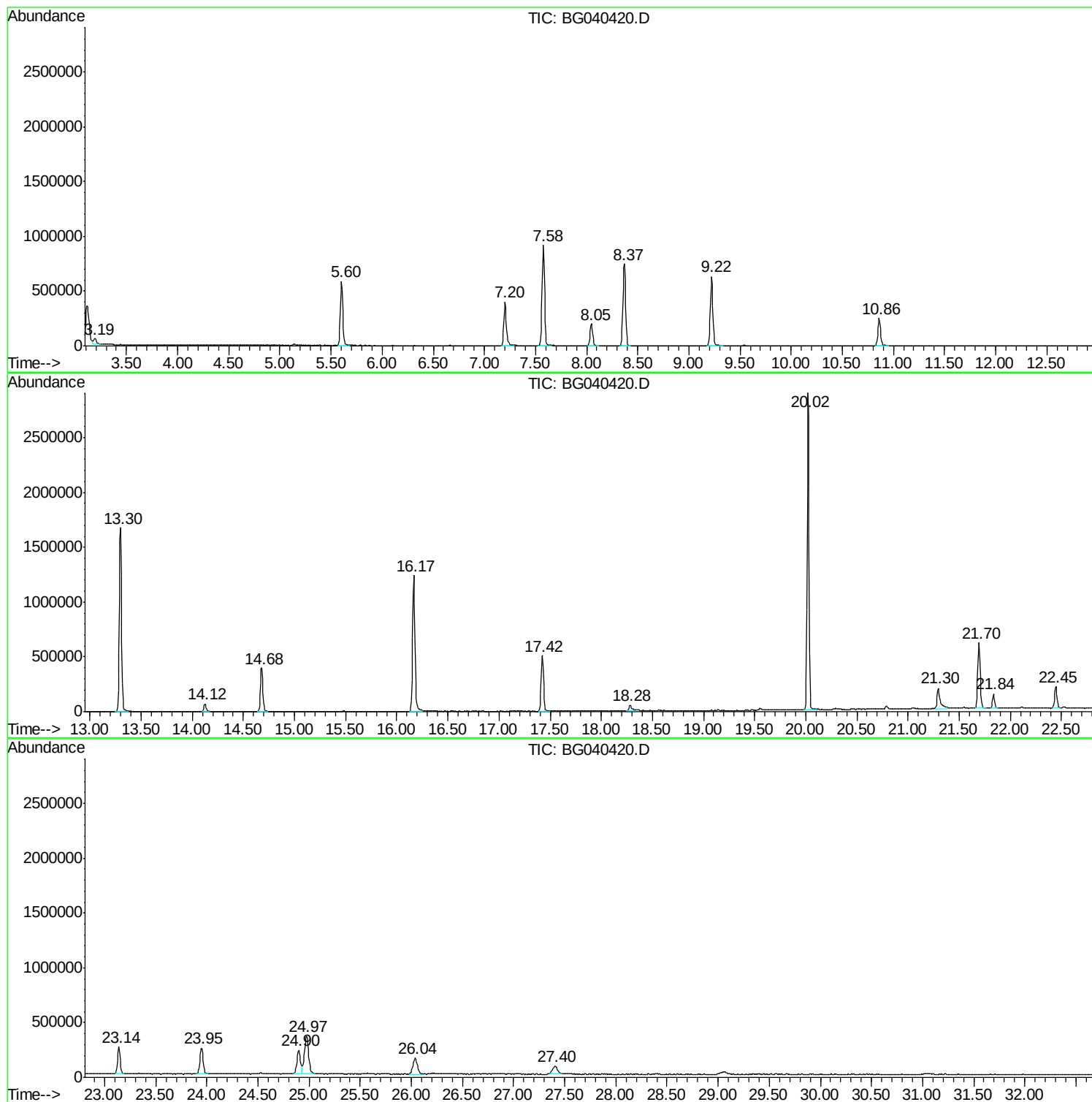
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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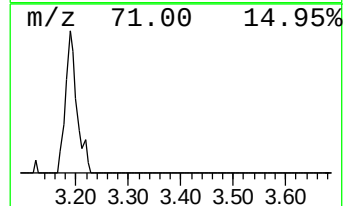
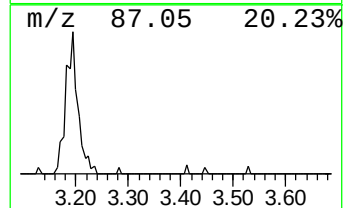
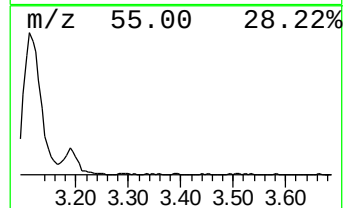
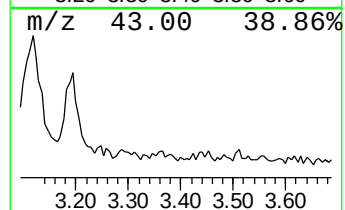
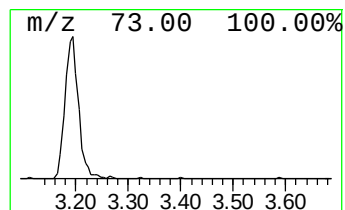
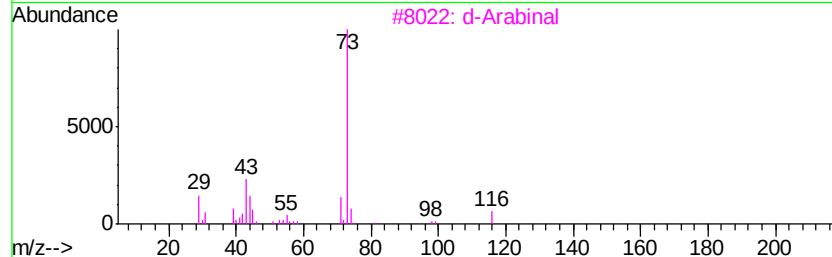
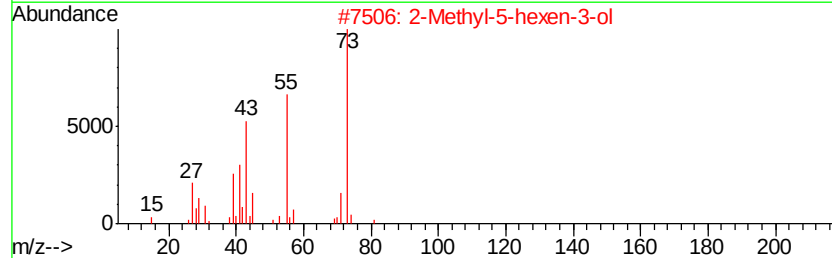
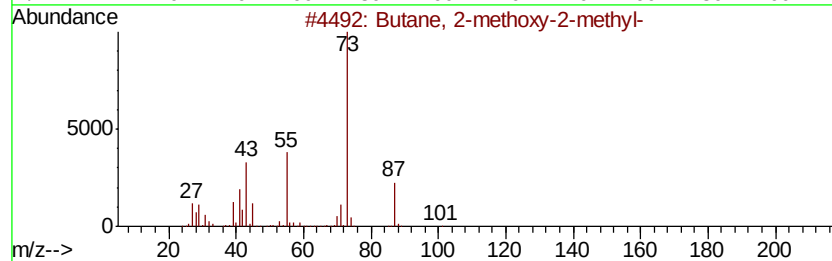
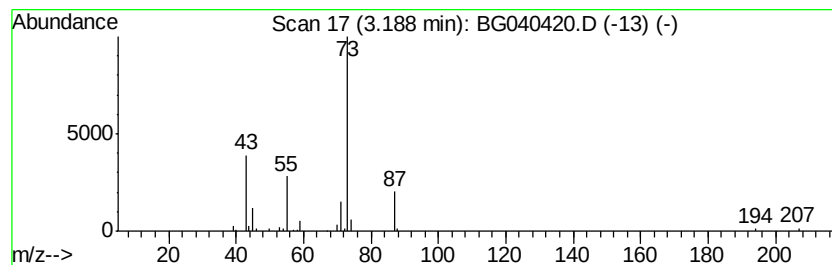
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.19	5.63 ng	98758	1,4-Dichlorobenzene-d4	8.05

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2		2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	32
3		d-Arabinal	116	C5H8O3	000496-61-7	23
4		Silane, trimethyl(1-phenylethyl)-	178	C11H18Si	017961-78-3	23
5		3,6-Bis(trimethylsilyl)-1,4-cycl...	224	C12H24Si2	018090-43-2	17



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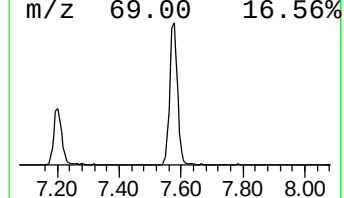
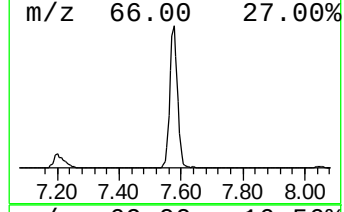
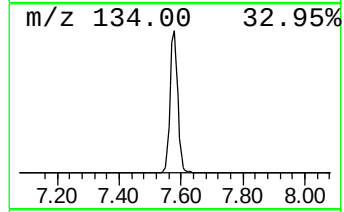
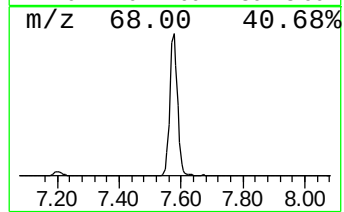
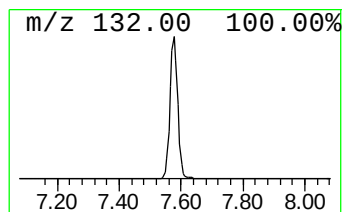
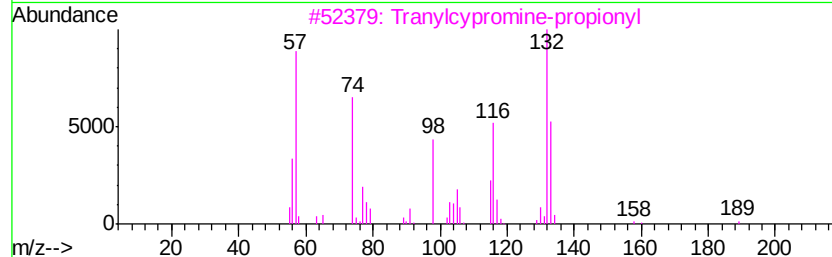
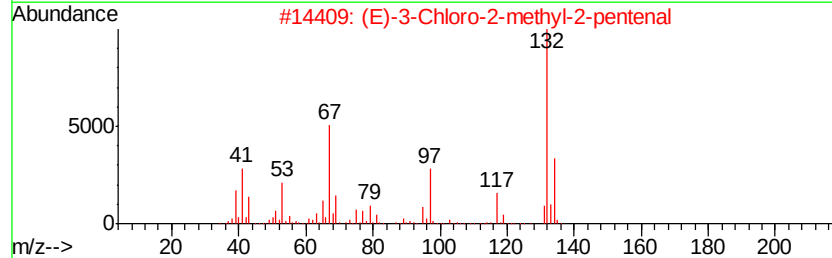
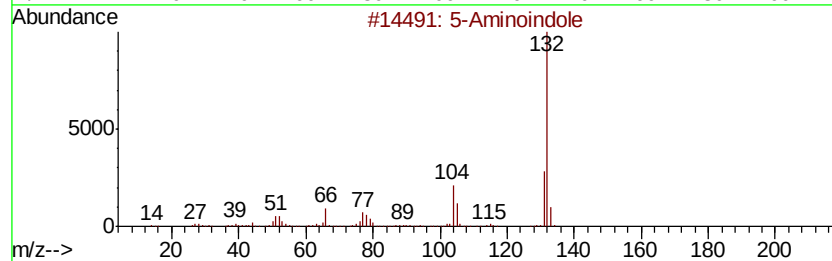
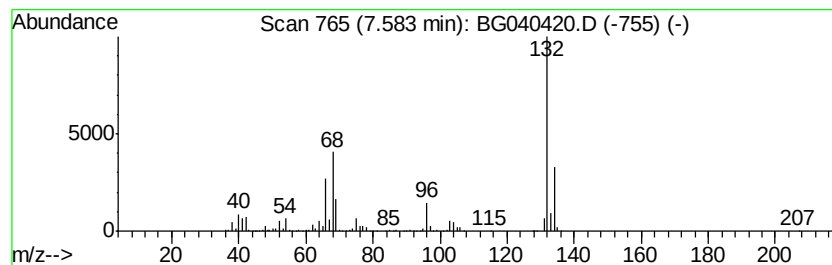
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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Peak Number 2 unknown7.58 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	90.15 ng	1581500	1,4-Dichlorobenzene-d4	8.05

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5-Aminoindole	132	C8H8N2	005192-03-0	22
2			(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3			Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4			Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5			Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9



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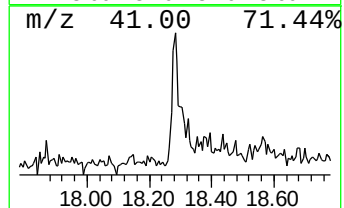
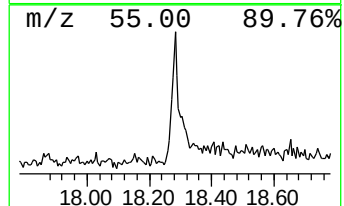
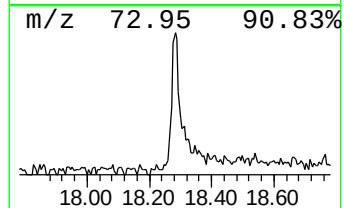
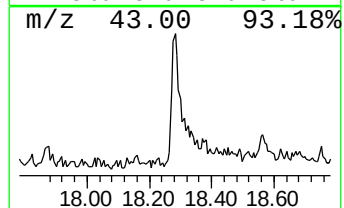
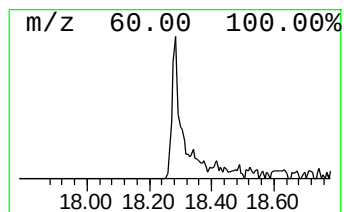
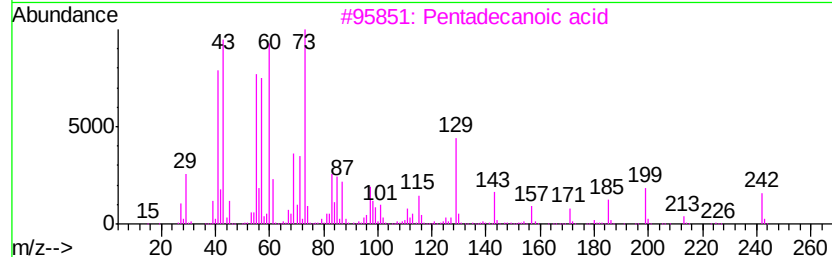
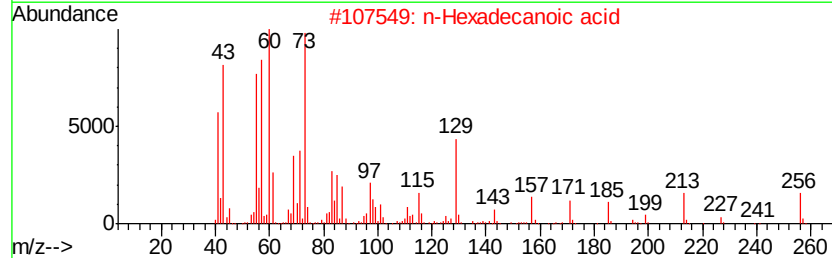
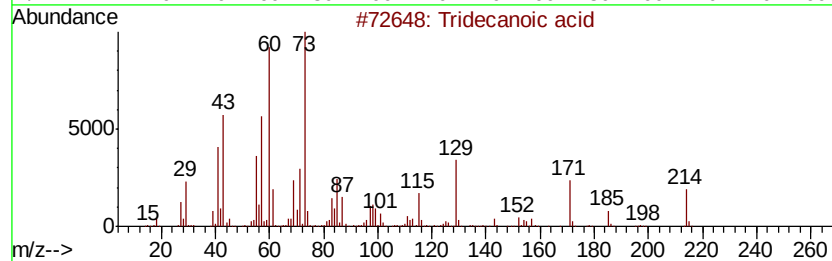
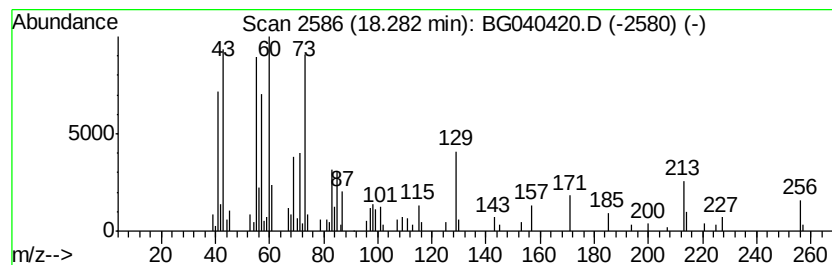
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Peak Number 4 Tridecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.28	2.93 ng	124693	Phenanthrene-d10	17.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	95
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5	Dodecanoic acid	200	C12H24O2	000143-07-7	80



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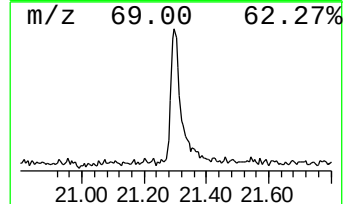
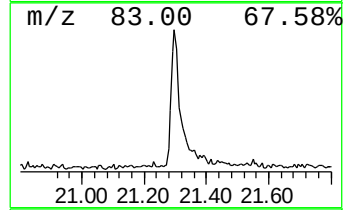
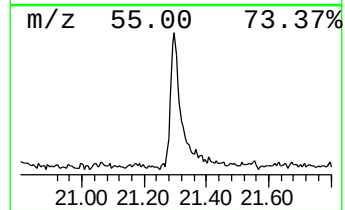
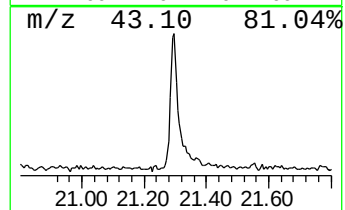
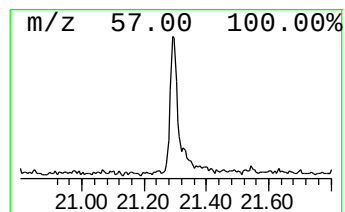
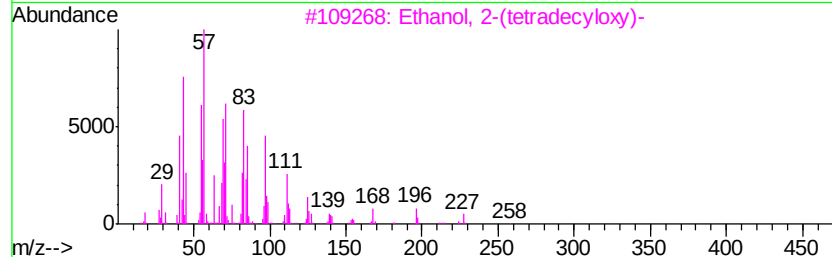
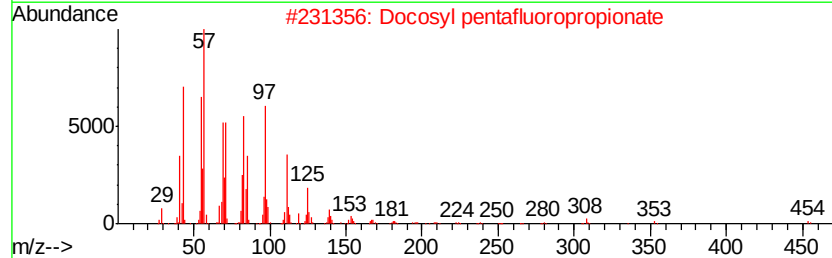
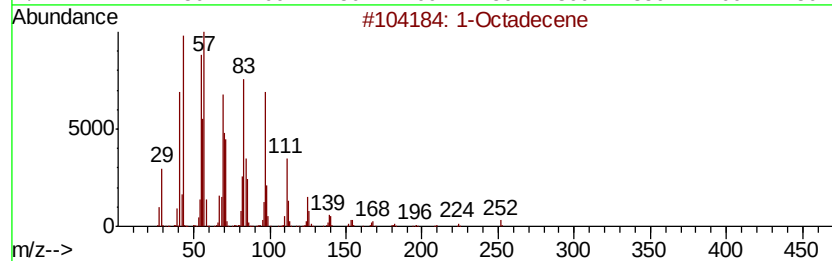
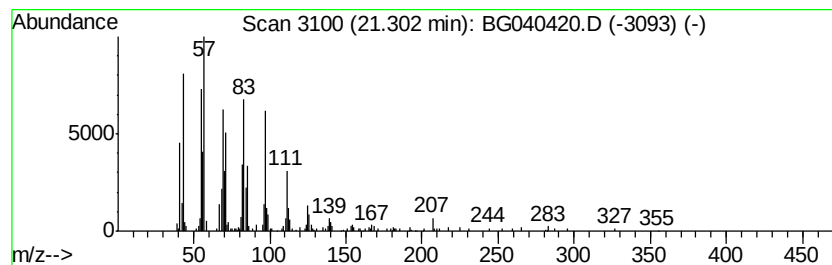
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Peak Number 5 1-Octadecene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.30	7.52 ng	380104	Chrysene-d12	21.70
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Octadecene	252 C18H36	000112-88-9	93
2	Docosyl pentafluoropropionate	472 C25H45F5O2	1000351-80-9	91
3	Ethanol, 2-(tetradecyloxy)-	258 C16H34O2	002136-70-1	91
4	Tricosyl trifluoroacetate	436 C25H47F3O2	1000351-75-1	91
5	Cyclohexadecane, 1,2-diethyl-	280 C20H40	1000155-85-3	89



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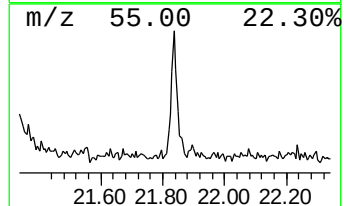
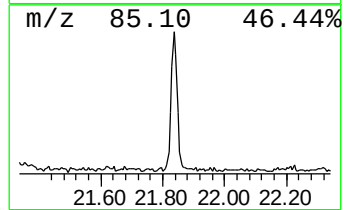
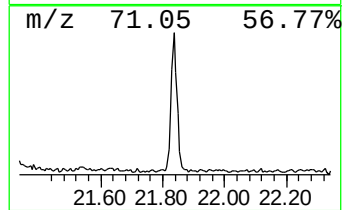
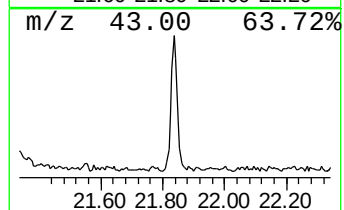
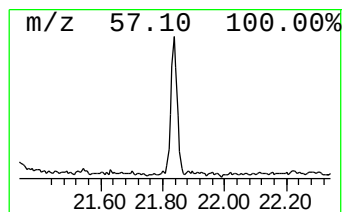
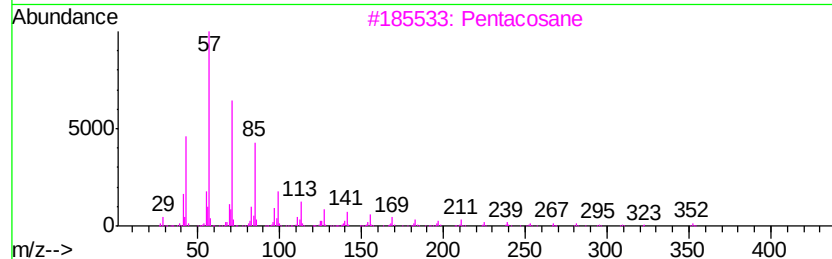
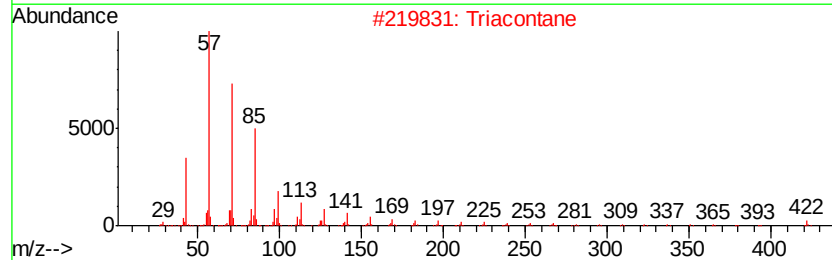
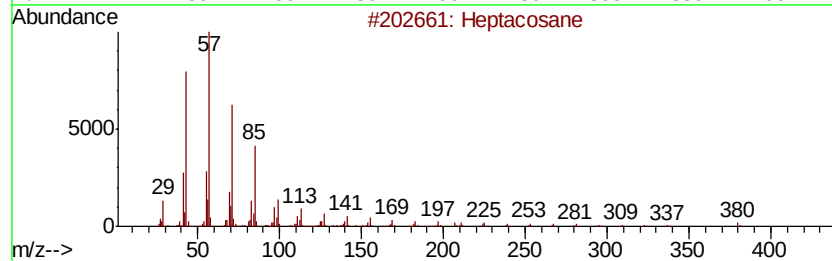
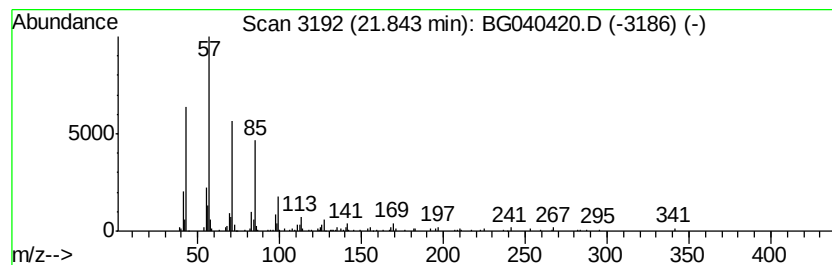
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Peak Number 6 Heptacosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.
21.84	3.43 ng	173447	Chrysene-d12		21.70
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	triacontane	422	C30H62	000638-68-6	91
3	Pentacosane	352	C25H52	000629-99-2	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Tricosane, 2-methyl-	338	C24H50	001928-30-9	86



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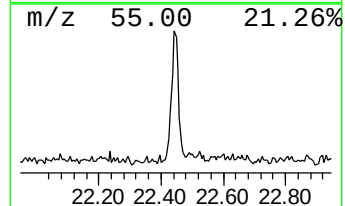
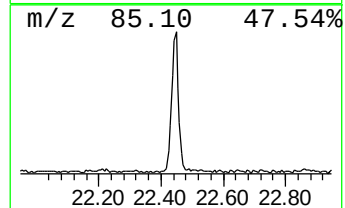
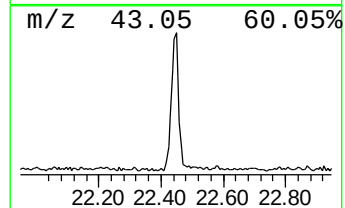
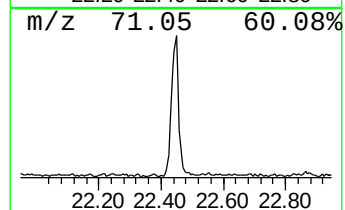
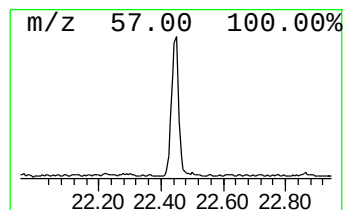
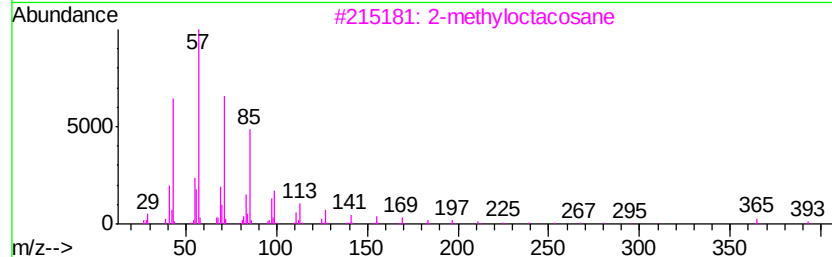
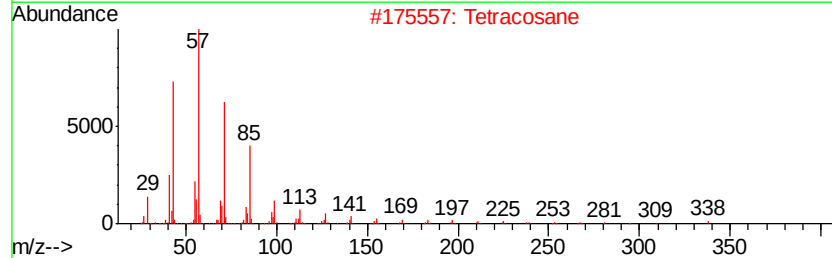
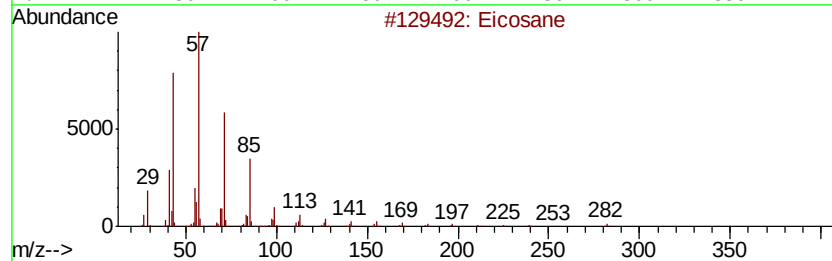
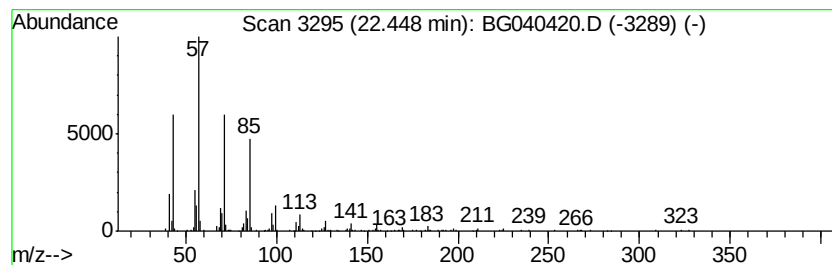
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Eicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.45	6.05 ng	305644	Chrysene-d12	21.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	95
2		Tetracosane	338	C24H50	000646-31-1	91
3		2-methyloctacosane	408	C29H60	1000376-72-8	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Hexacosane	366	C26H54	000630-01-3	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041019\
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 Acq On : 10 Apr 2019 18:20
 Operator : JU/SJ
 Sample : K2338-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

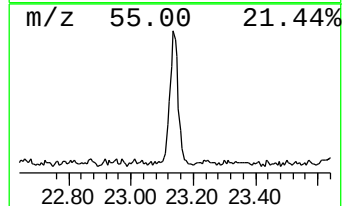
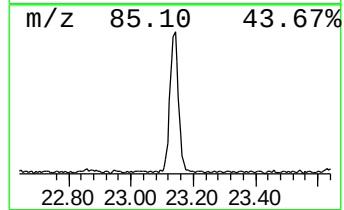
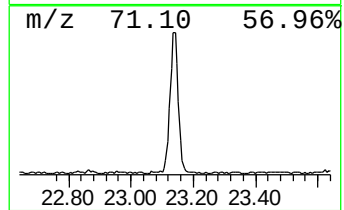
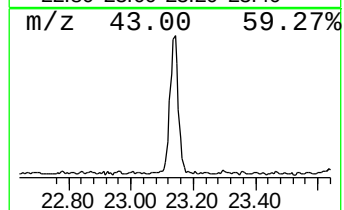
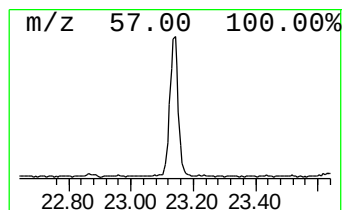
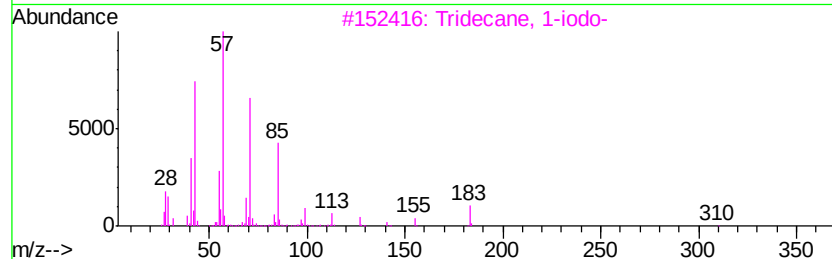
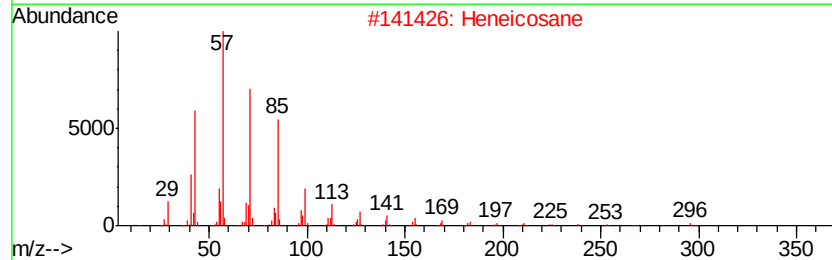
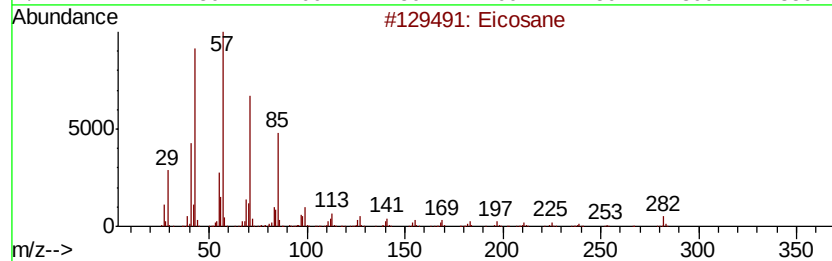
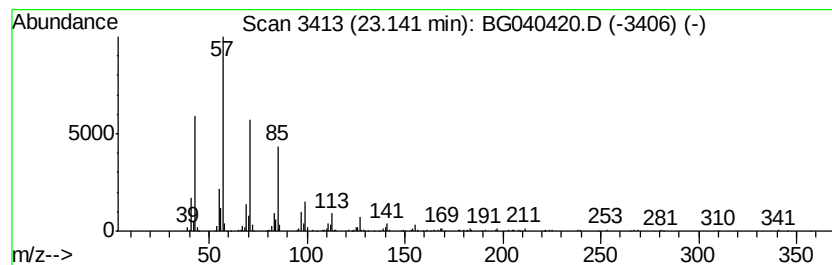
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 ClientSampleId :
 TP-1-WATER

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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 Tridecane, 1-iodo- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.	
23.14	8.93 ng	451381	Chrysene-d12		21.70	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Eicosane	282	C20H42	000112-95-8	95
2		Heneicosane	296	C21H44	000629-94-7	91
3		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
4		Octacosane	394	C28H58	000630-02-4	91
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041019\
Data File : BG040420.D
Acq On : 10 Apr 2019 18:20
Operator : JU/SJ
Sample : K2338-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-1-WATER

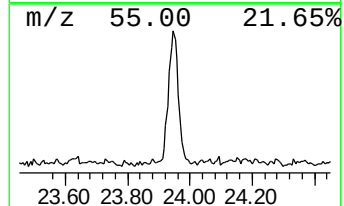
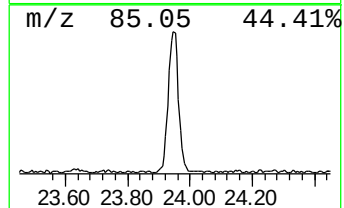
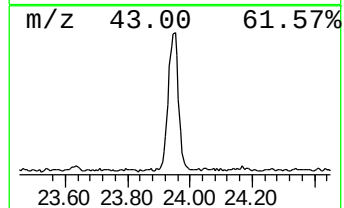
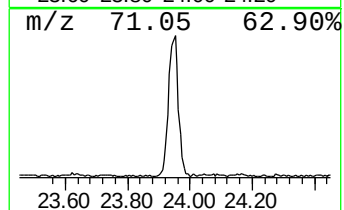
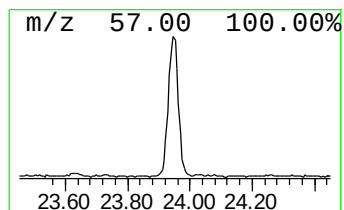
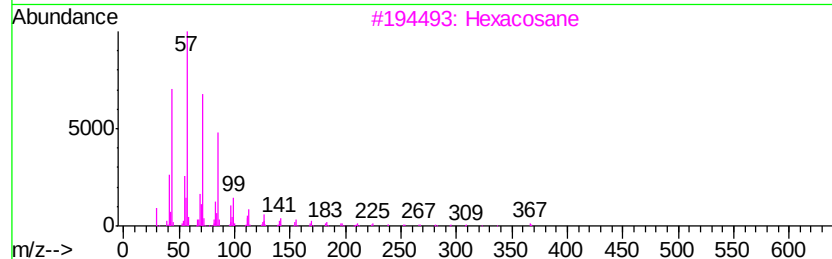
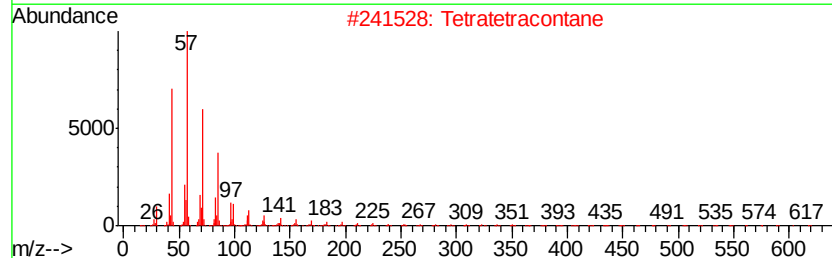
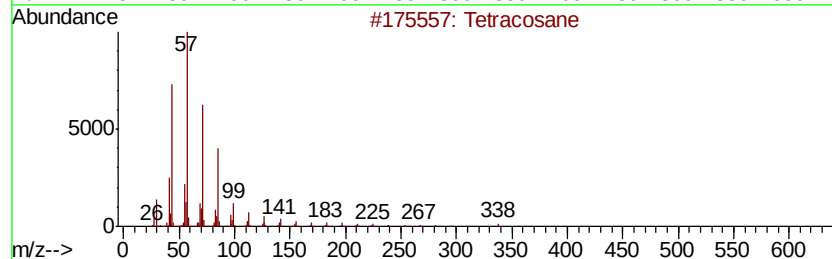
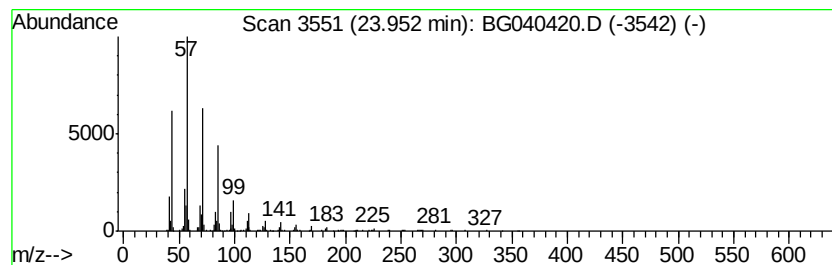
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tetracosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.95	10.84 ng	527845	Perylene-d12	24.97

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetracosane	338	C24H50	000646-31-1	91
2		Tetratetracontane	619	C44H90	007098-22-8	91
3		Hexacosane	366	C26H54	000630-01-3	91
4		Octacosane	394	C28H58	000630-02-4	91
5		Heneicosane	296	C21H44	000629-94-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041019\
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Acq On : 10 Apr 2019 18:20
Operator : JU/SJ
Sample : K2338-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

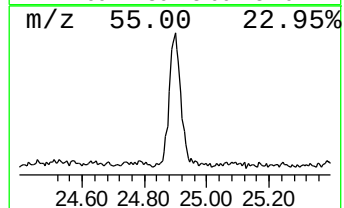
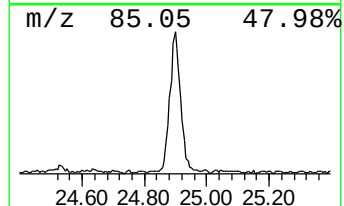
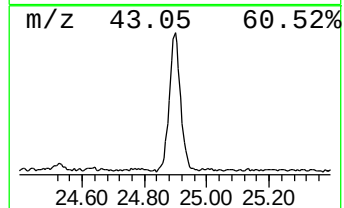
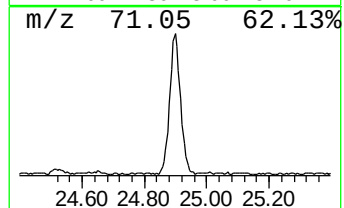
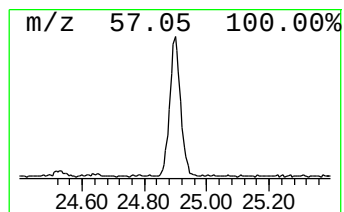
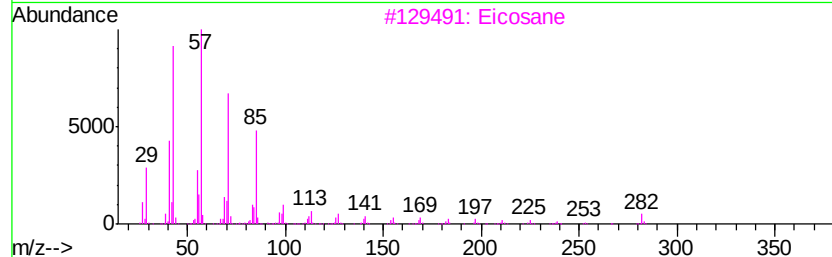
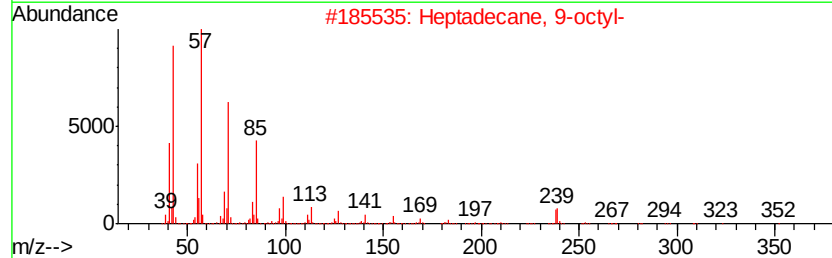
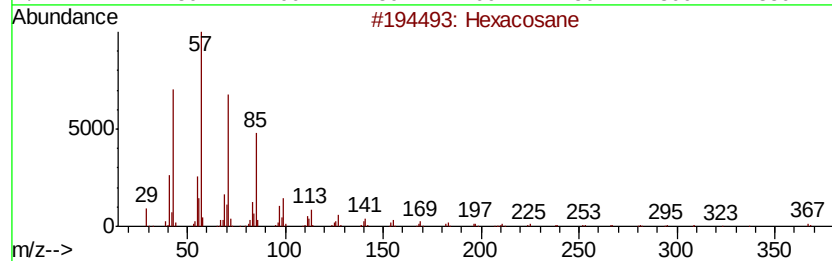
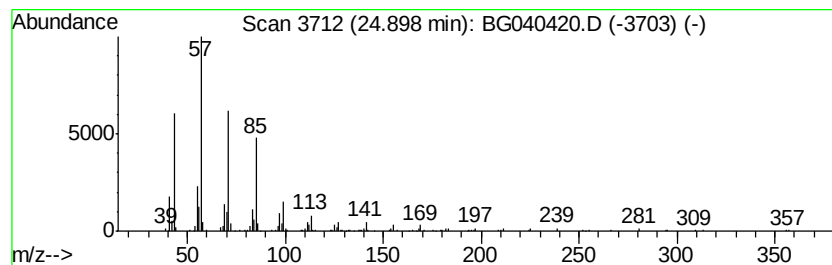
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ClientSampleId :
TP-1-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heptadecane, 9-octyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.90	11.35 ng	552589	Perylene-d12	24.97
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexacosane	366 C26H54	000630-01-3	94
2	Heptadecane, 9-octyl-	352 C25H52	007225-64-1	91
3	Eicosane	282 C20H42	000112-95-8	91
4	2-methyloctacosane	408 C29H60	1000376-72-8	91
5	Octacosane	394 C28H58	000630-02-4	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041019\
Data File : BG040420.D
Acq On : 10 Apr 2019 18:20
Operator : JU/SJ
Sample : K2338-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-1-WATER

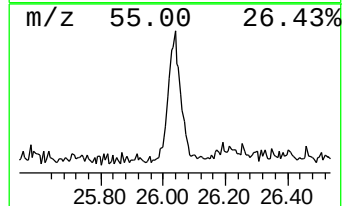
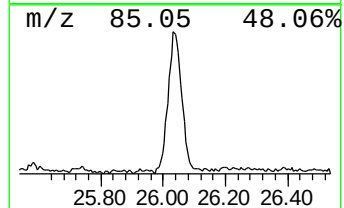
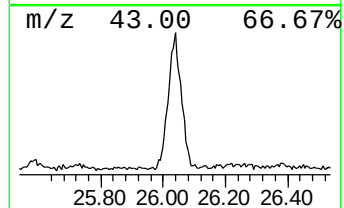
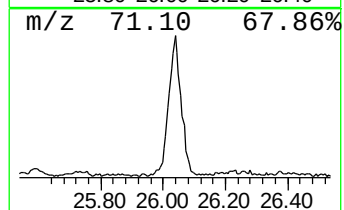
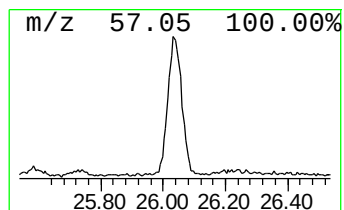
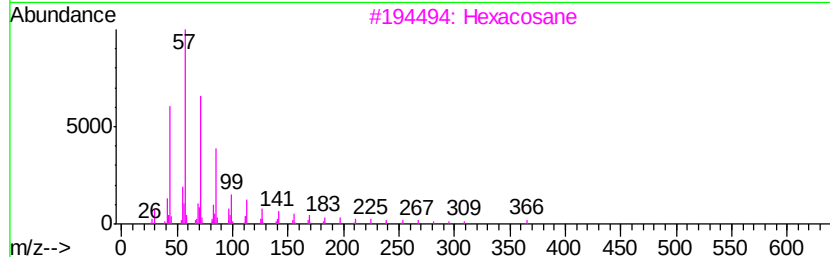
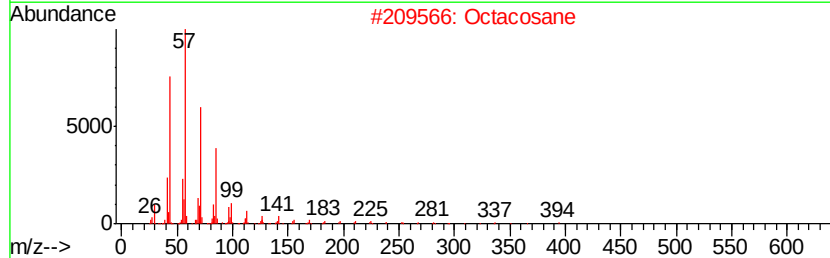
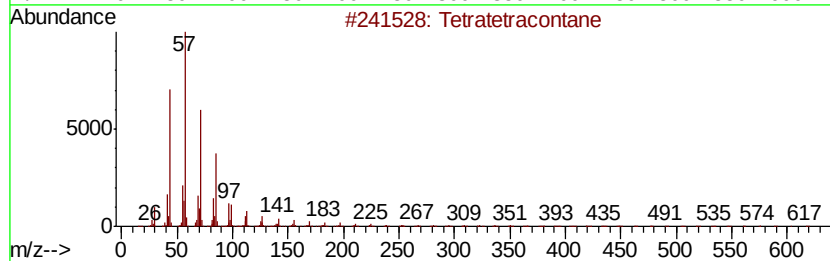
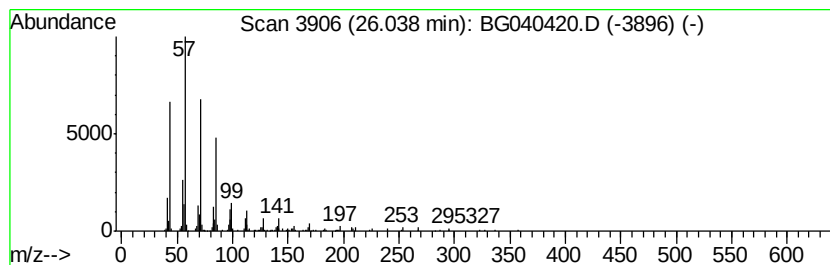
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Tetratetracontane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.04	9.38 ng	457005	Perylene-d12	24.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratetracontane	619	C44H90	007098-22-8	91
2		Octacosane	394	C28H58	000630-02-4	91
3		Hexacosane	366	C26H54	000630-01-3	91
4		triacontane	422	C30H62	000638-68-6	91
5		Hentriacontane	437	C31H64	000630-04-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041019\
Data File : BG040420.D
Acq On : 10 Apr 2019 18:20
Operator : JU/SJ
Sample : K2338-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-1-WATER

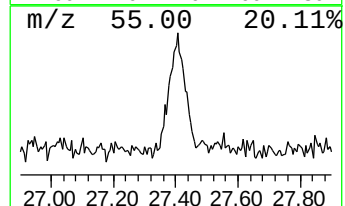
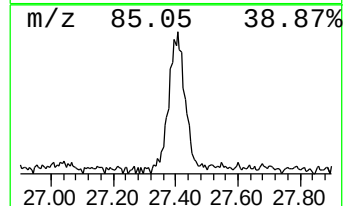
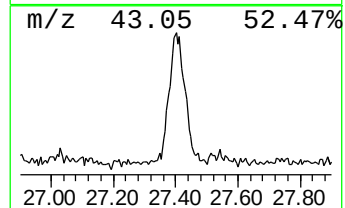
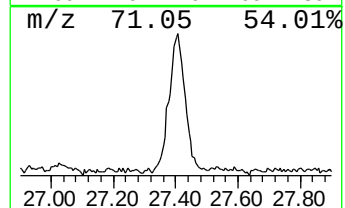
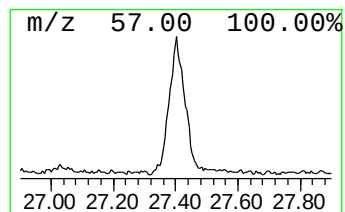
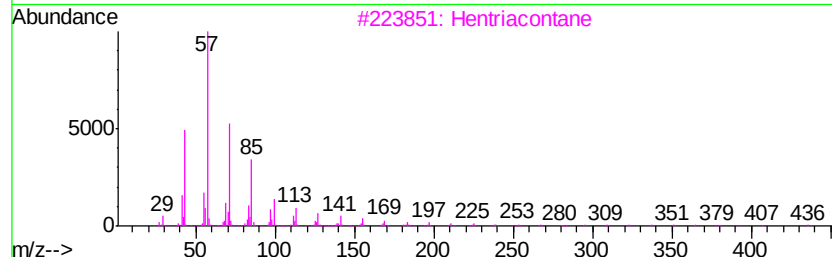
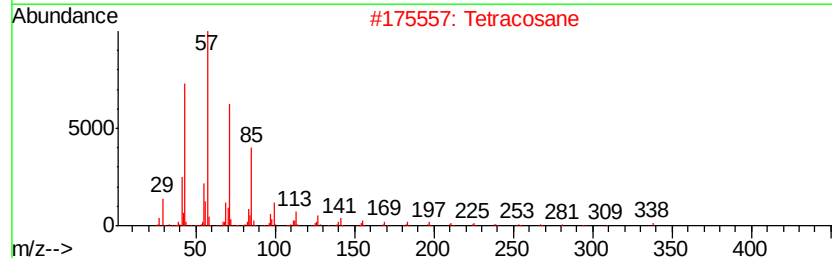
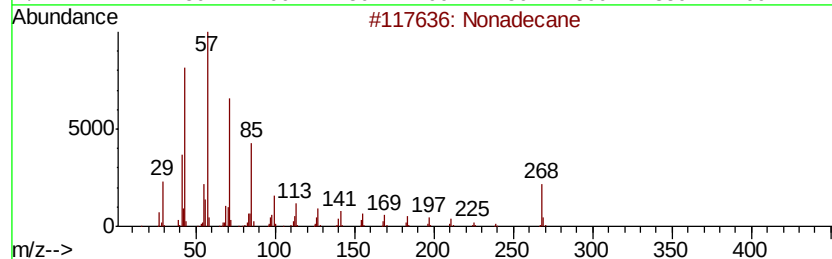
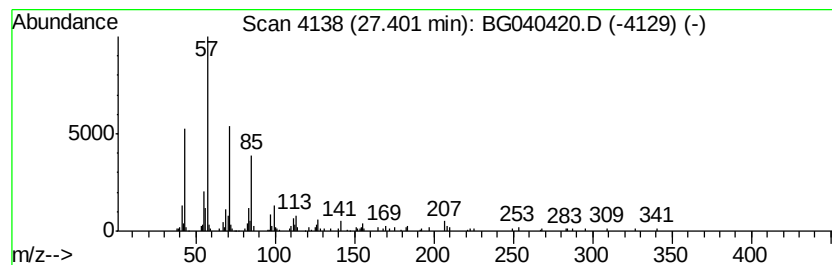
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Nonadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.40	4.72 ng	229950	Perylene-d12	24.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	94
2		Tetracosane	338	C24H50	000646-31-1	87
3		Hentriacontane	437	C31H64	000630-04-6	87
4		Octacosane	394	C28H58	000630-02-4	87
5		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041019\
Data File : BG040420.D
Acq On : 10 Apr 2019 18:20
Operator : JU/SJ
Sample : K2338-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-1-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.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	90.2	ng	1581500	1	8.05	350855	20.0
Tridecanoic acid	18.28	2.9	ng	124693	4	17.42	851283	20.0
1-Octadecene	21.30	7.5	ng	380104	5	21.70	1010910	20.0
Heptacosane	21.84	3.4	ng	173447	5	21.70	1010910	20.0
Eicosane	22.45	6.0	ng	305644	5	21.70	1010910	20.0
Tridecane, 1-iodo-	23.14	8.9	ng	451381	5	21.70	1010910	20.0
Tetracosane	23.95	10.8	ng	527845	6	24.97	974014	20.0
Heptadecane, 9-oc...	24.90	11.4	ng	552589	6	24.97	974014	20.0
Tetratetracontane	26.04	9.4	ng	457005	6	24.97	974014	20.0
Nonadecane	27.40	4.7	ng	229950	6	24.97	974014	20.0