

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032019\
 Data File : BG040053.D
 Acq On : 21 Mar 2019 2:27
 Operator : JU/SJ
 Sample : K1941-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 T-2

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-BG030419.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	3.193	14	18	26	rBV2	183413	326702	9.49%	1.773%
2	3.270	26	31	43	rVB	414988	608546	17.68%	3.302%
3	5.684	436	442	452	rBV	403345	651935	18.94%	3.537%
4	7.288	708	715	726	rBV	267542	468226	13.60%	2.540%
5	7.670	772	780	796	rBV	763143	1345898	39.10%	7.302%
6	8.140	854	860	872	rBV	159036	275107	7.99%	1.493%
7	8.463	908	915	924	rVB	670861	1194442	34.70%	6.481%
8	9.320	1053	1061	1070	rBV	617442	1104610	32.09%	5.993%
9	10.959	1333	1340	1348	rVB	226120	409708	11.90%	2.223%
10	13.391	1747	1754	1764	rVB	1751298	2742382	79.67%	14.879%
11	14.766	1978	1988	1999	rVB2	377402	629957	18.30%	3.418%
12	16.252	2233	2241	2254	rBV	1302370	2076571	60.33%	11.267%
13	17.509	2448	2455	2467	rBV	470811	756367	21.97%	4.104%
14	18.361	2596	2600	2607	rBV4	46545	78869	2.29%	0.428%
15	19.624	2811	2815	2825	rBV3	29393	55677	1.62%	0.302%
16	20.106	2891	2897	2904	rVB	2676033	3442053	100.00%	18.675%
17	21.392	3110	3116	3125	rBV3	49098	116300	3.38%	0.631%
18	21.798	3178	3185	3195	rVB2	455736	778136	22.61%	4.222%
19	21.939	3204	3209	3214	rVB2	25818	35471	1.03%	0.192%
20	22.561	3309	3315	3321	rBV	49211	83846	2.44%	0.455%
21	23.272	3430	3436	3444	rVB	72404	140191	4.07%	0.761%
22	24.100	3571	3577	3586	rVB2	61372	135503	3.94%	0.735%
23	25.081	3737	3744	3748	rBV	49471	117698	3.42%	0.639%
24	25.158	3748	3757	3769	rVB	257635	763749	22.19%	4.144%
25	26.250	3935	3943	3957	rVB4	29685	93051	2.70%	0.505%

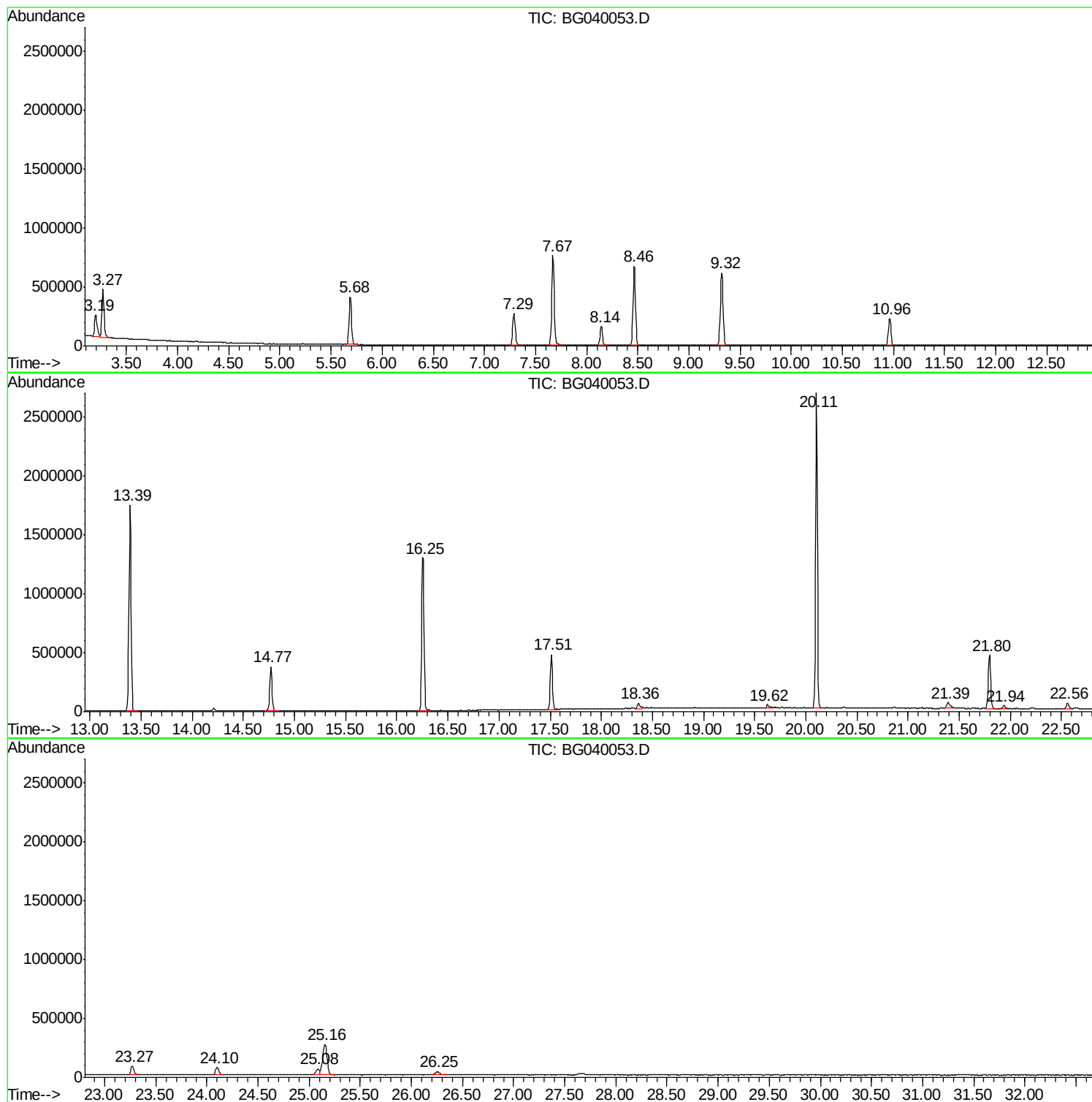
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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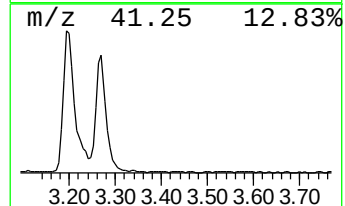
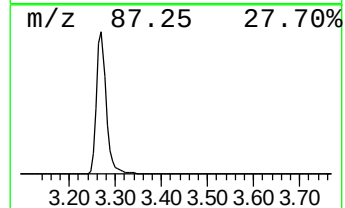
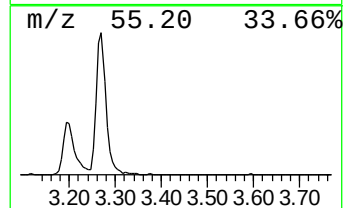
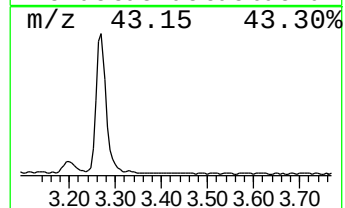
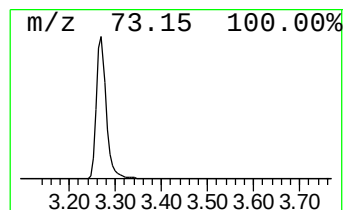
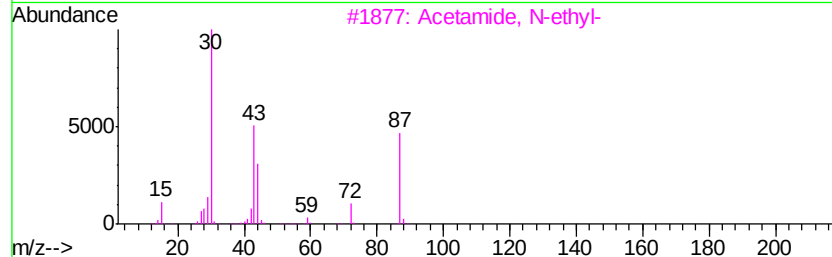
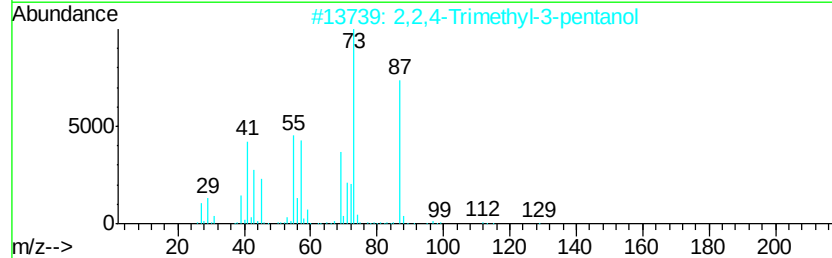
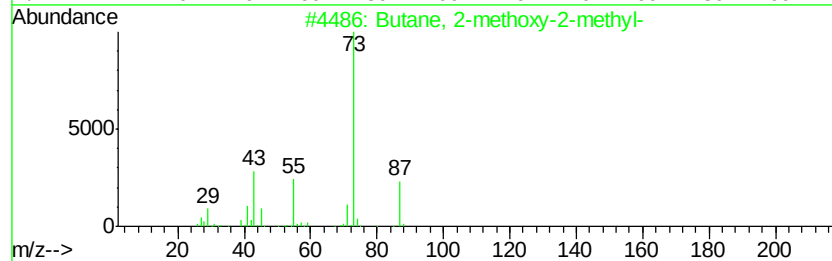
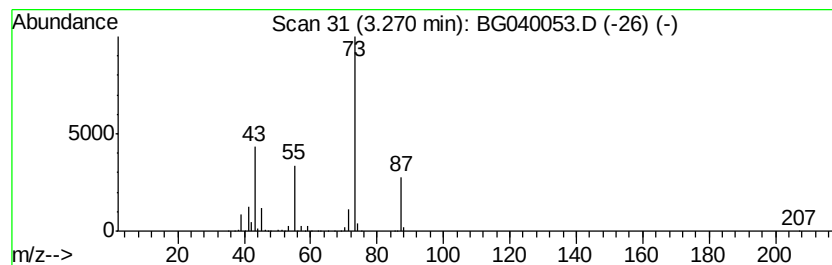
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.27	44.24 ng	608546	1,4-Dichlorobenzene-d4	8.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
3		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	35
4		2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	28
5		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25



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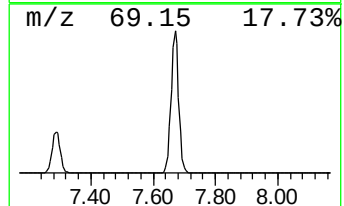
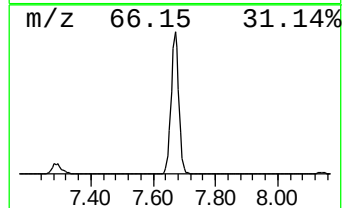
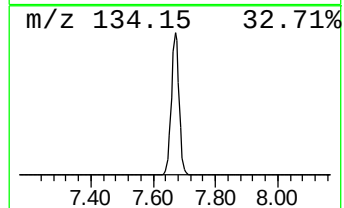
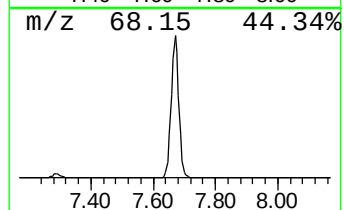
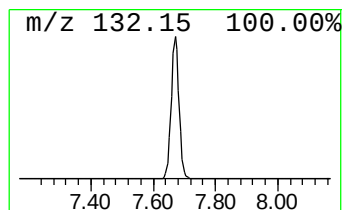
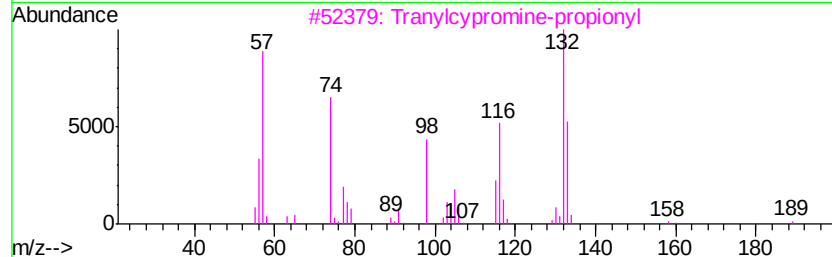
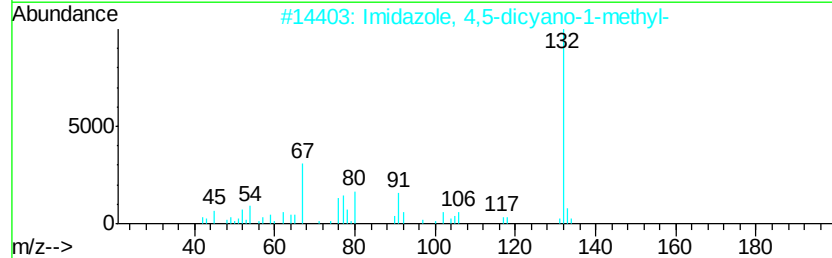
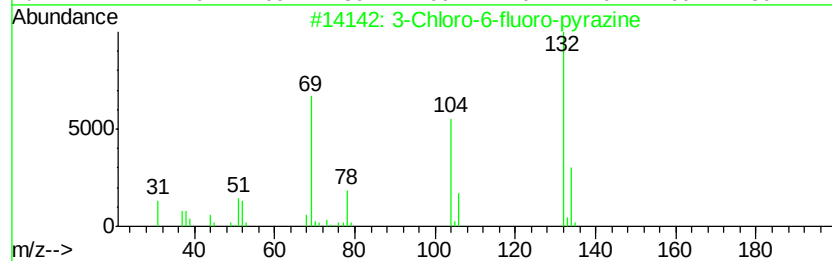
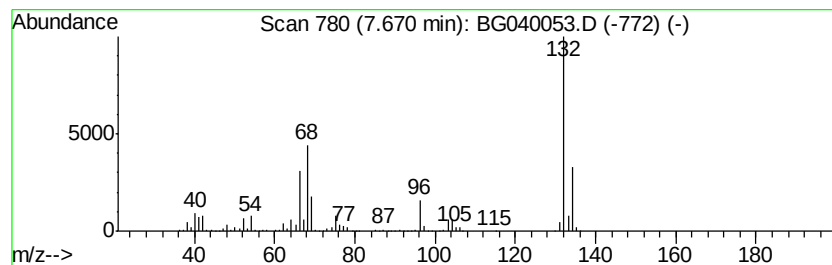
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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Peak Number 3 unknown7.67 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.67	97.85 ng	1345900	1,4-Dichlorobenzene-d4	8.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	22
3		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5		5-Aminoindole	132	C8H8N2	005192-03-0	12



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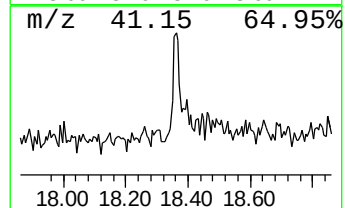
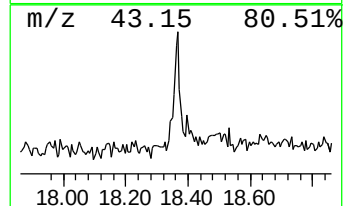
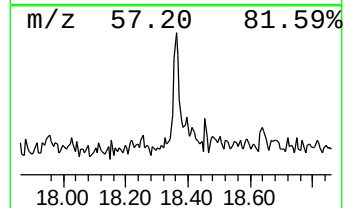
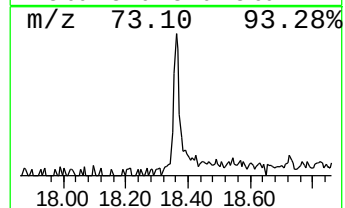
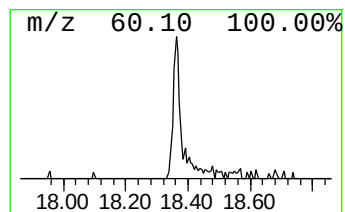
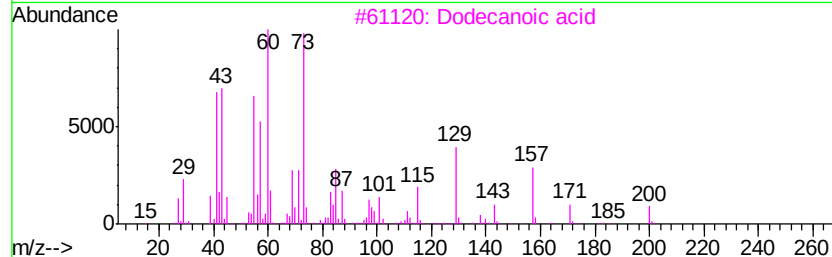
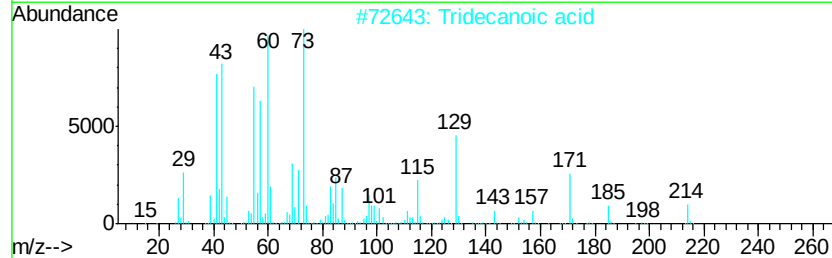
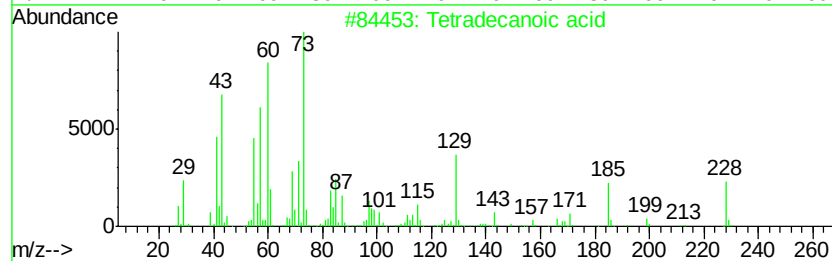
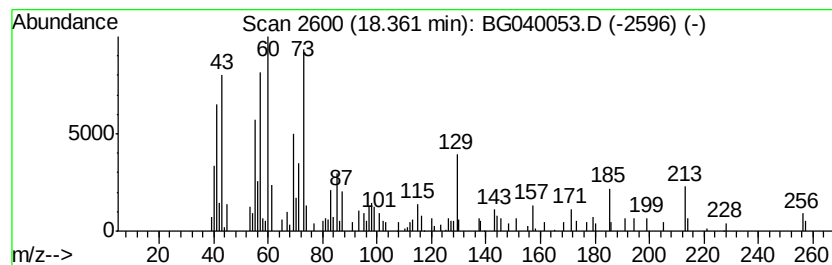
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Peak Number 5 Tetradecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.36	2.09 ng	78869	Phenanthrene-d10	17.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
2	Tridecanoic acid	214	C13H26O2	000638-53-9	81
3	Dodecanoic acid	200	C12H24O2	000143-07-7	72
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	55
5	n-Decanoic acid	172	C10H20O2	000334-48-5	53



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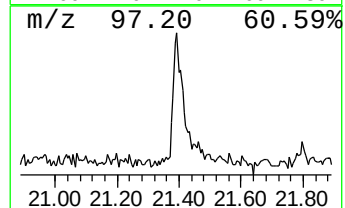
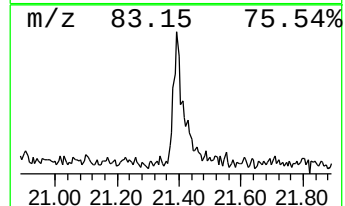
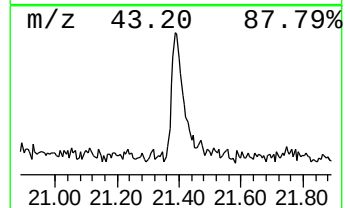
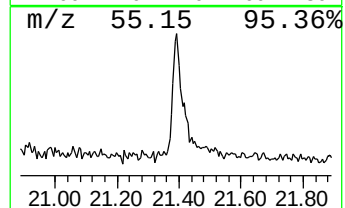
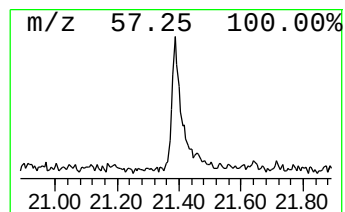
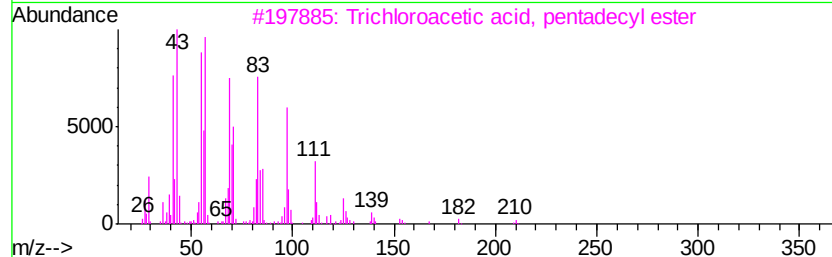
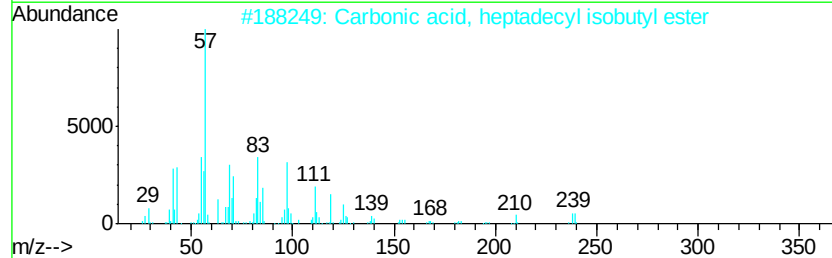
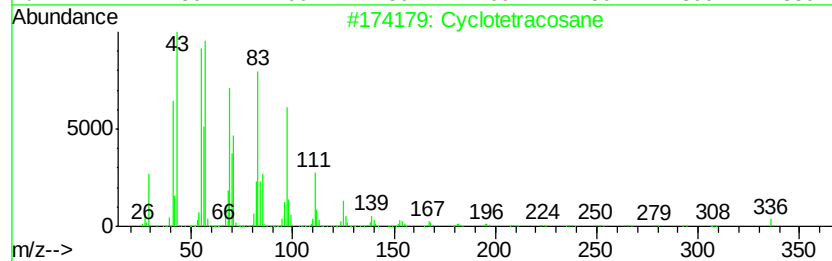
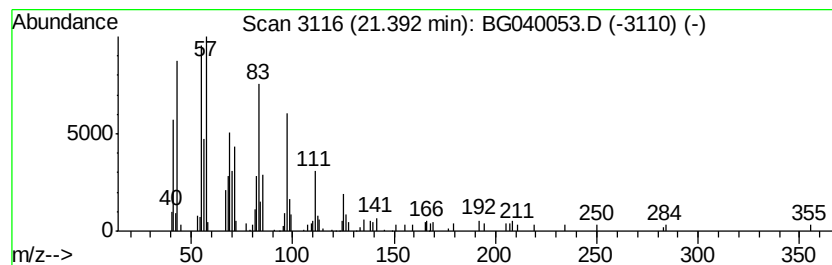
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Peak Number 6 Cyclotetracosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.39	2.99 ng	116300	Chrysene-d12	21.80

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclotetracosane	336	C24H48	000297-03-0	91
2		Carbonic acid, heptadecyl isobut...	356	C22H44O3	1000314-61-4	90
3		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	90
4		Bromoacetic acid, pentadecyl ester	348	C17H33BrO2	131143-01-6	86
5		E-14-Hexadecenal	238	C16H30O	330207-53-9	86



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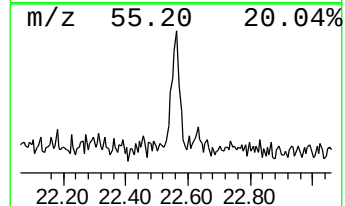
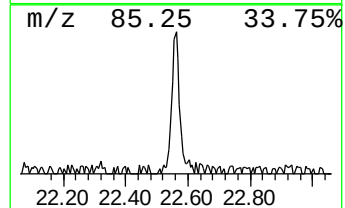
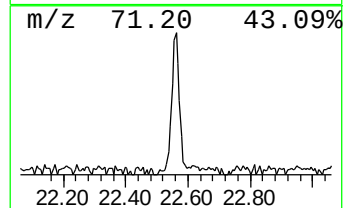
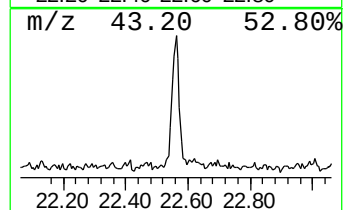
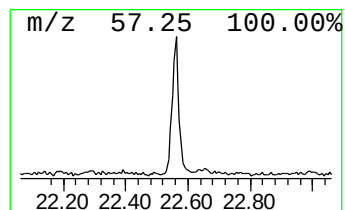
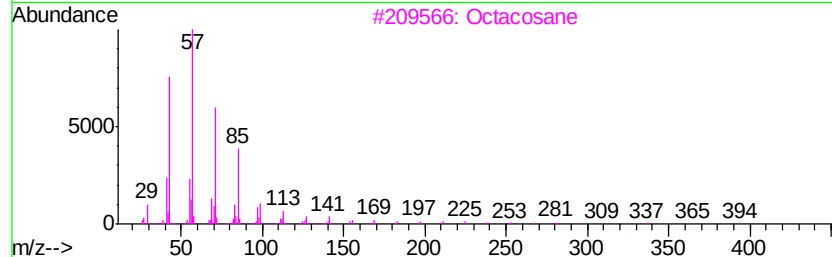
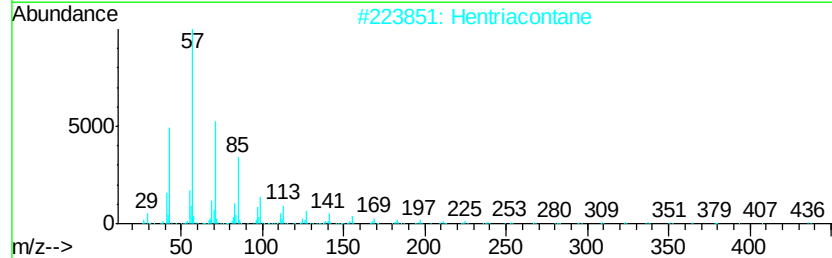
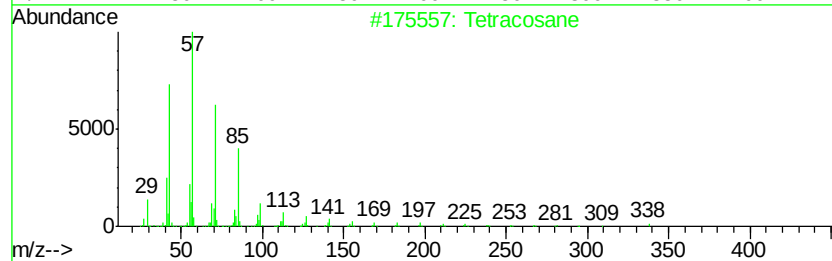
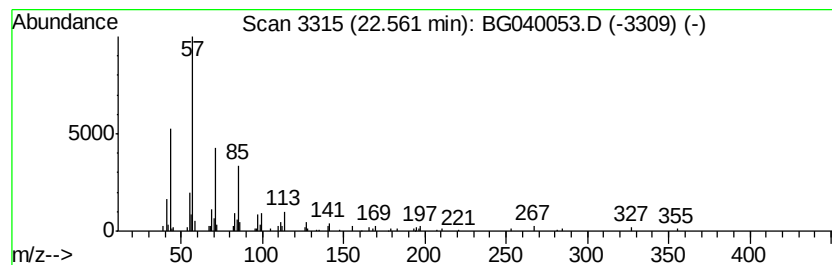
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TIC Library : C:\Database\NIST11.L
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Peak Number 7 Tetracosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.56	2.16 ng	83846	Chrysene-d12	21.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	87
2		Hentriacontane	437	C31H64	000630-04-6	87
3		Octacosane	394	C28H58	000630-02-4	87
4		Hexacosane	366	C26H54	000630-01-3	81
5		Octadecane	254	C18H38	000593-45-3	80



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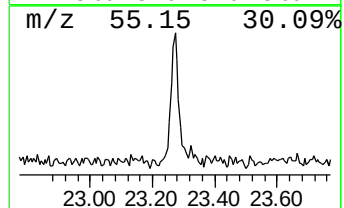
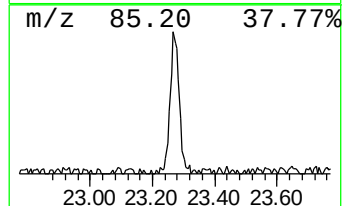
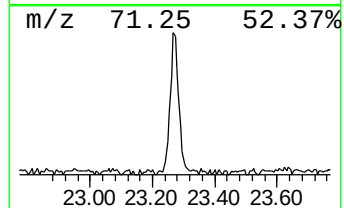
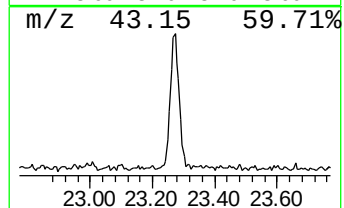
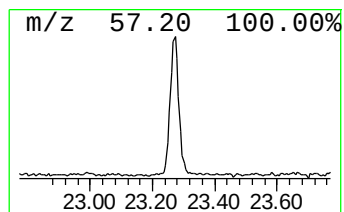
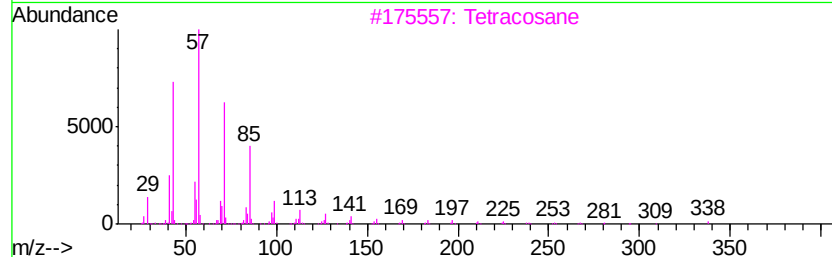
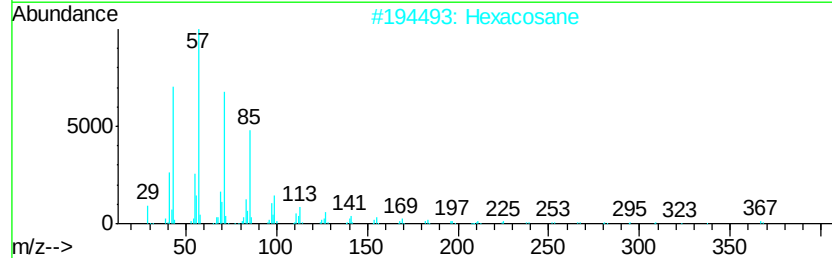
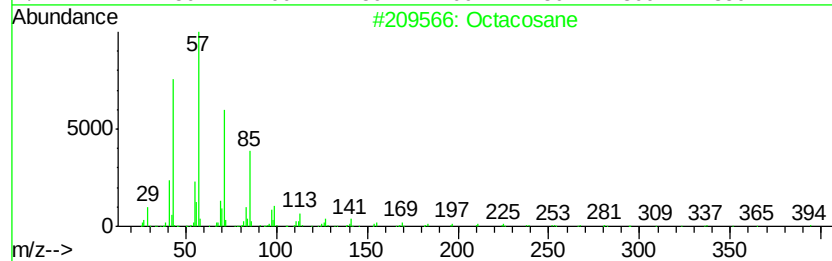
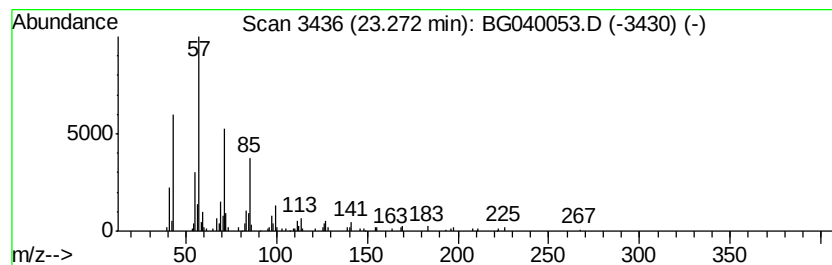
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Octacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.27	3.60 ng	140191	Chrysene-d12	21.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	76
2		Hexacosane	366	C26H54	000630-01-3	76
3		Tetracosane	338	C24H50	000646-31-1	74
4		Heneicosane	296	C21H44	000629-94-7	74
5		Pentadecane	212	C15H32	000629-62-9	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032019\
Data File : BG040053.D
Acq On : 21 Mar 2019 2:27
Operator : JU/SJ
Sample : K1941-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
T-2

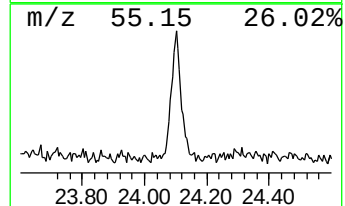
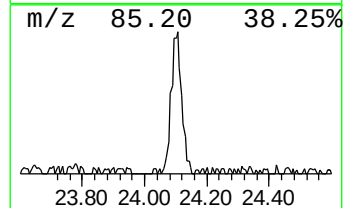
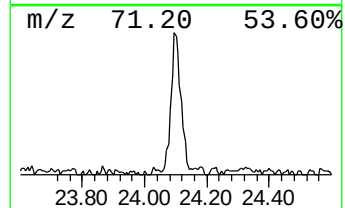
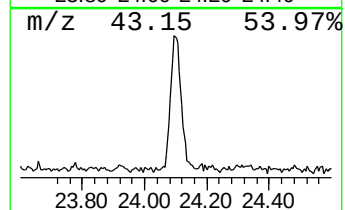
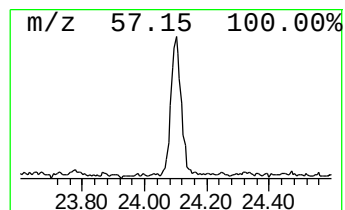
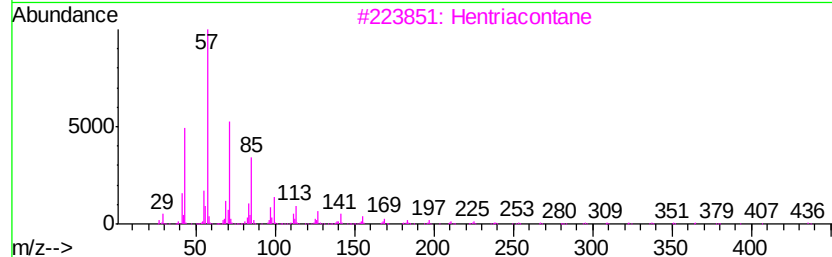
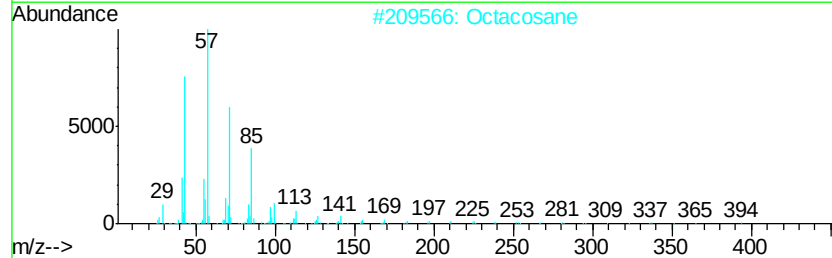
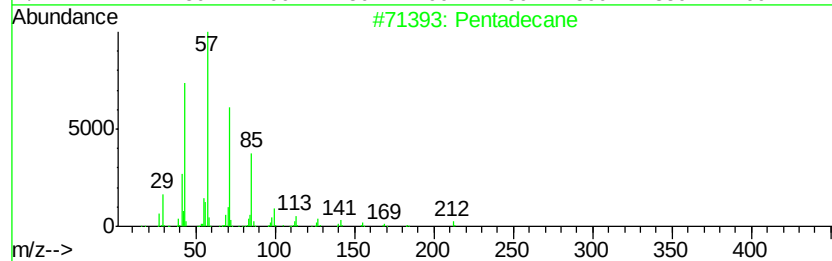
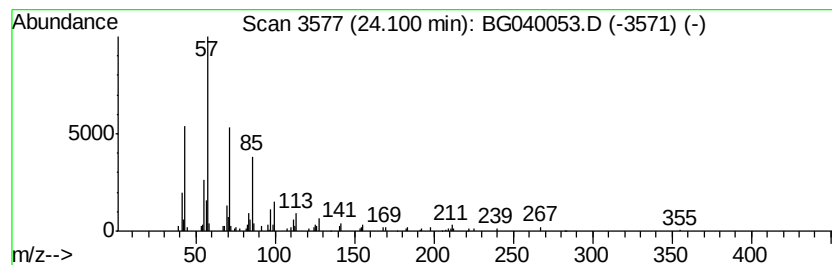
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Pentadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.10	3.55 ng	135503	Perylene-d12	25.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	90
2		Octacosane	394	C28H58	000630-02-4	90
3		Hentriacontane	437	C31H64	000630-04-6	87
4		Heptacosane	380	C27H56	000593-49-7	87
5		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032019\
Data File : BG040053.D
Acq On : 21 Mar 2019 2:27
Operator : JU/SJ
Sample : K1941-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
T-2

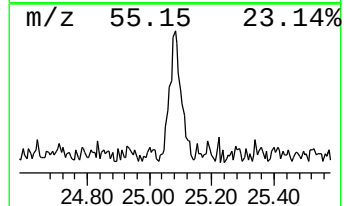
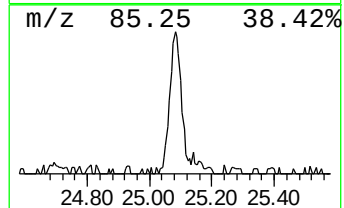
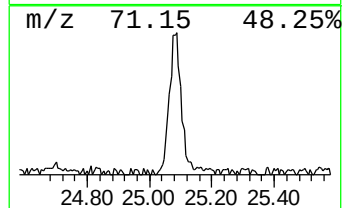
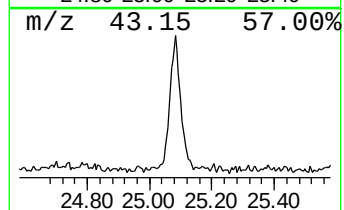
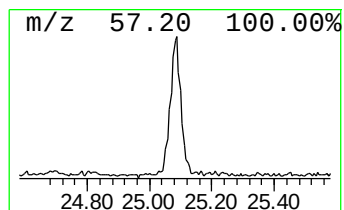
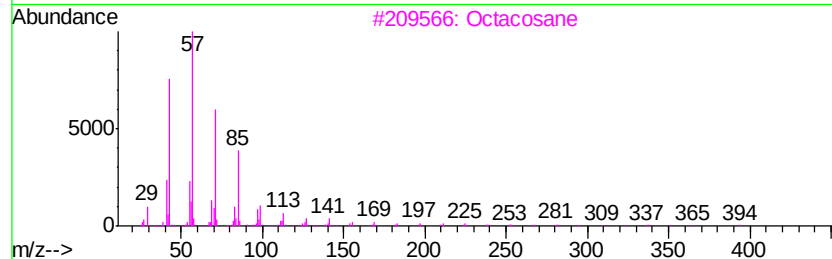
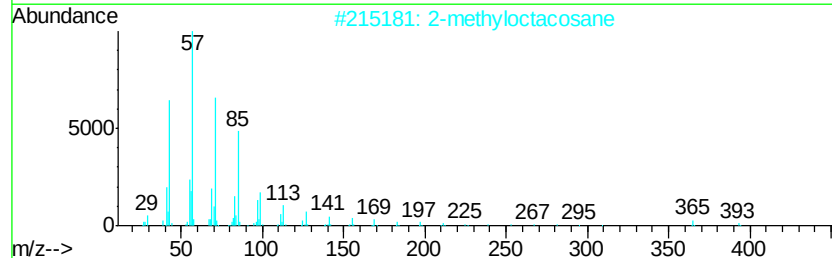
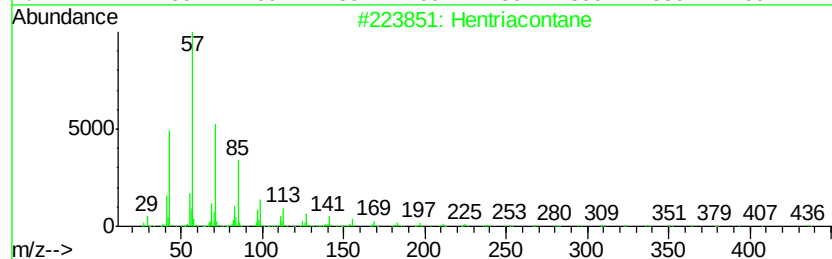
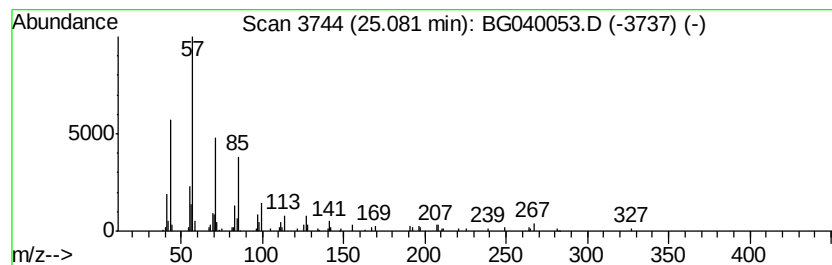
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Hentriacontane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.08	3.08 ng	117698	Perylene-d12	25.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hentriacontane	437	C31H64	000630-04-6	87
2		2-methyloctacosane	408	C29H60	1000376-72-8	87
3		Octacosane	394	C28H58	000630-02-4	87
4		Heneicosane	296	C21H44	000629-94-7	87
5		Octadecane	254	C18H38	000593-45-3	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032019\
Data File : BG040053.D
Acq On : 21 Mar 2019 2:27
Operator : JU/SJ
Sample : K1941-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
T-2

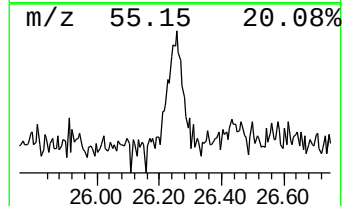
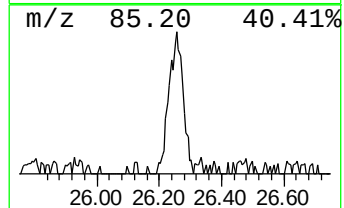
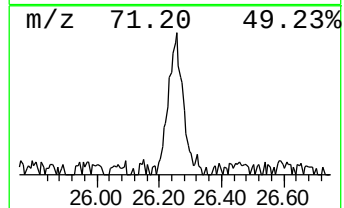
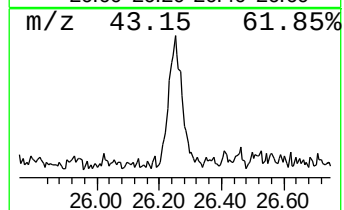
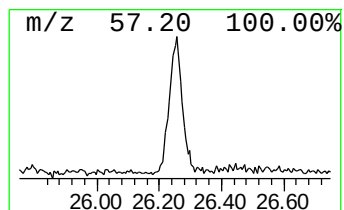
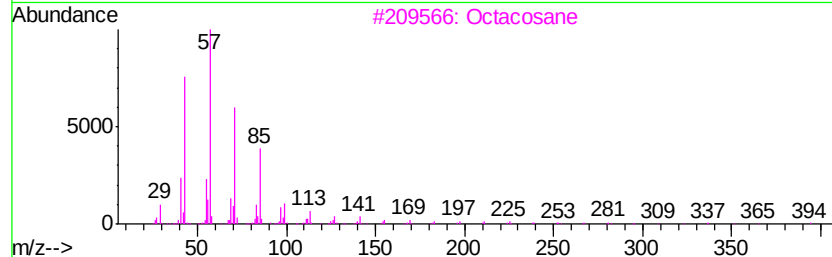
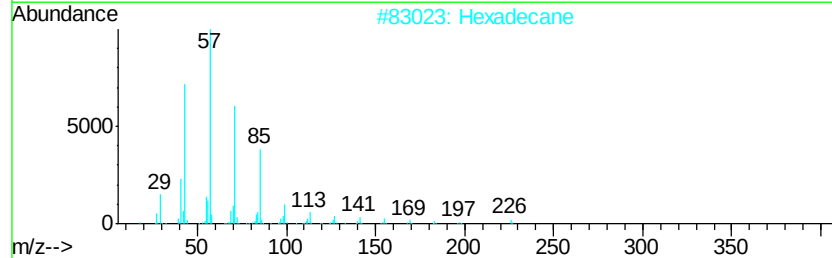
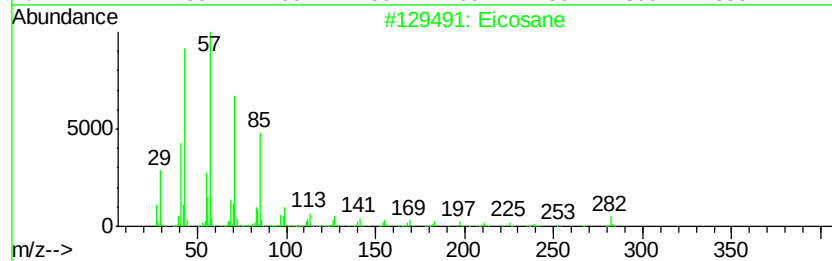
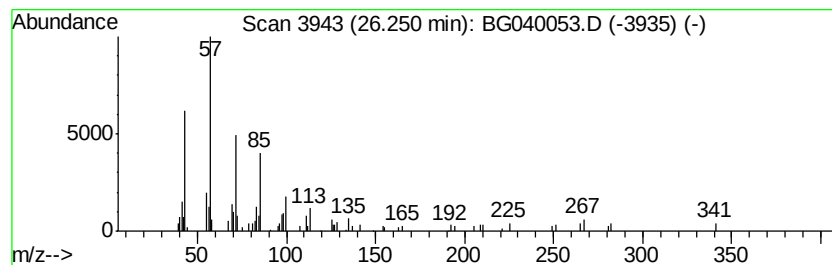
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Eicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.25	2.44 ng	93051	Perylene-d12	25.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	95
2		Hexadecane	226	C16H34	000544-76-3	64
3		Octacosane	394	C28H58	000630-02-4	64
4		1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	64
5		Tetradecane	198	C14H30	000629-59-4	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032019\
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Acq On : 21 Mar 2019 2:27
Operator : JU/SJ
Sample : K1941-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
T-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.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...	3.27	44.2	ng	608546	1	8.14	275107	20.0
unknown7.67	7.67	97.8	ng	1345900	1	8.14	275107	20.0
Tetradecanoic acid	18.36	2.1	ng	78869	4	17.51	756367	20.0
Cyclotetracosane	21.39	3.0	ng	116300	5	21.80	778136	20.0
Tetracosane	22.56	2.2	ng	83846	5	21.80	778136	20.0
Octacosane	23.27	3.6	ng	140191	5	21.80	778136	20.0
Pentadecane	24.10	3.5	ng	135503	6	25.15	763749	20.0
Hentriacontane	25.08	3.1	ng	117698	6	25.15	763749	20.0
Eicosane	26.25	2.4	ng	93051	6	25.15	763749	20.0