

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012020\
 Data File : BG044105.D
 Acq On : 20 Jan 2020 19:41
 Operator : JU
 Sample : L1166-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 QVD-WC-L-01

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-BG123019.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	5.032	325	331	343	rVB	116252	187861	3.19%	0.555%
2	5.508	406	412	423	rBV	663930	1081085	18.37%	3.196%
3	6.007	489	497	509	rBV	74820	128023	2.18%	0.379%
4	7.100	674	683	699	rBV	450046	823237	13.99%	2.434%
5	7.464	736	745	759	rBV	1245997	2227668	37.85%	6.586%
6	7.928	818	824	832	rBV	277625	477593	8.12%	1.412%
7	8.257	872	880	888	rBV	1135160	2019212	34.31%	5.970%
8	9.086	1010	1021	1033	rBV	921375	1681965	28.58%	4.973%
9	10.731	1293	1301	1311	rBV	382430	717717	12.20%	2.122%
10	13.193	1712	1720	1741	rBV	2491373	4129921	70.18%	12.211%
11	14.021	1855	1861	1872	rBV	141895	234609	3.99%	0.694%
12	14.568	1944	1954	1964	rBV2	707478	1118479	19.01%	3.307%
13	16.054	2200	2207	2218	rBV	2159547	3402454	57.82%	10.060%
14	16.154	2219	2224	2235	rVB2	29479	71768	1.22%	0.212%
15	17.311	2414	2421	2431	rBV	877517	1336260	22.71%	3.951%
16	19.926	2860	2866	2875	rBV	4455733	5884789	100.00%	17.399%
17	20.737	2997	3004	3008	rBV2	92750	131628	2.24%	0.389%
18	21.236	3083	3089	3100	rBV	303601	577885	9.82%	1.709%
19	21.559	3137	3144	3151	rBV	826075	1350088	22.94%	3.992%
20	21.771	3174	3180	3191	rVB	267470	395700	6.72%	1.170%
21	22.364	3274	3281	3287	rBV	377562	615717	10.46%	1.820%
22	23.034	3388	3395	3403	rBV	438933	811275	13.79%	2.399%
23	23.216	3422	3426	3433	rVB	37119	68000	1.16%	0.201%
24	23.816	3521	3528	3542	rVB	427600	870852	14.80%	2.575%
25	24.668	3662	3673	3679	rBV	500448	1394269	23.69%	4.122%
26	24.732	3679	3684	3695	rVB2	341655	855878	14.54%	2.530%
27	25.825	3861	3870	3883	rVB2	234985	689482	11.72%	2.039%
28	27.129	4083	4092	4105	rVB2	118445	401145	6.82%	1.186%
29	28.710	4353	4361	4375	rVB4	35966	137943	2.34%	0.408%

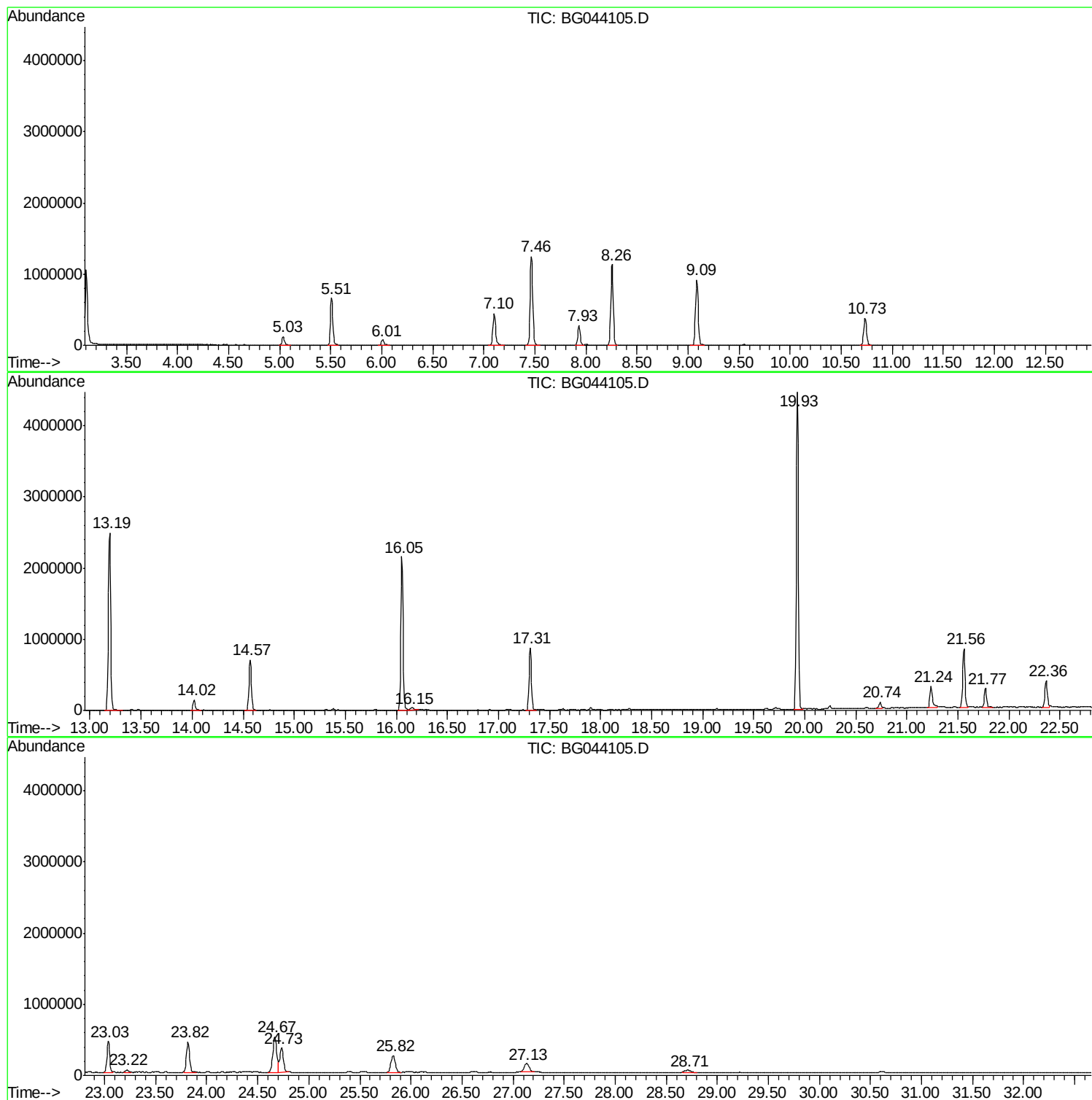
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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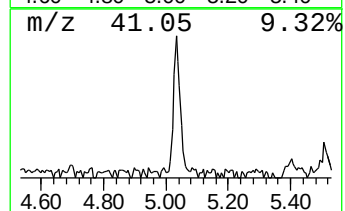
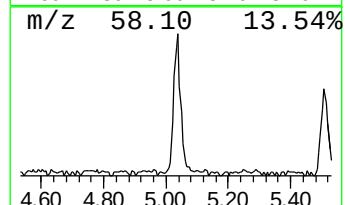
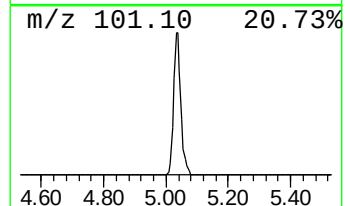
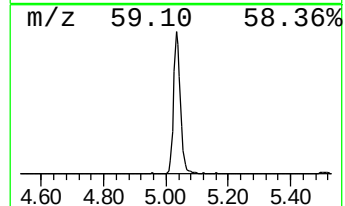
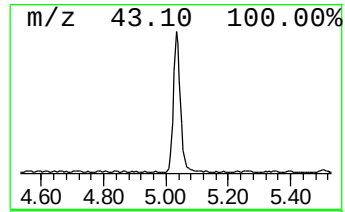
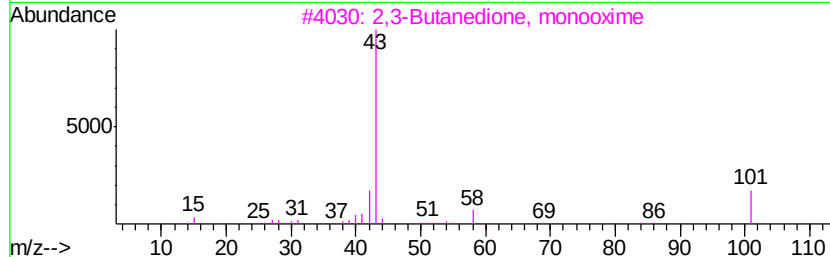
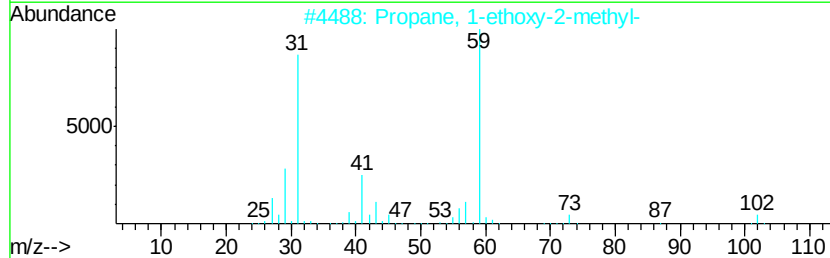
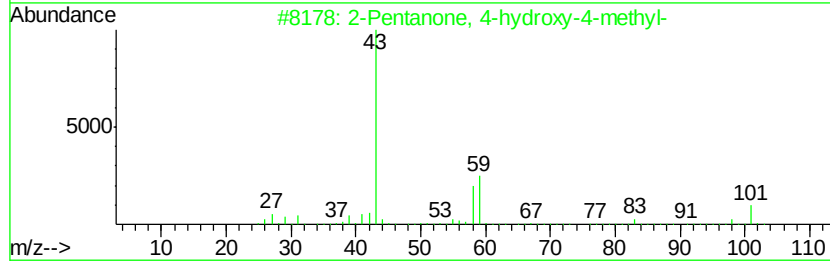
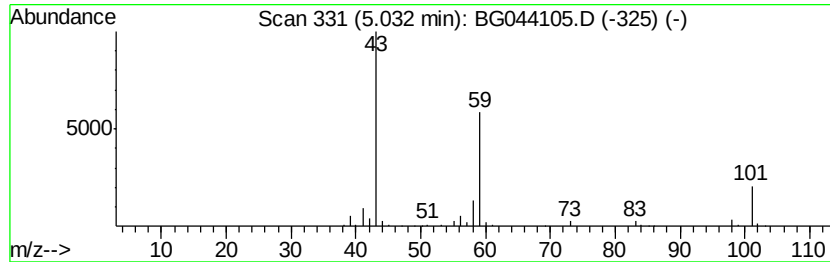
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.03	7.87 ng	187861	1,4-Dichlorobenzene-d4	7.93

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2			Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	35
3			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
4			3-Hexanol	102	C6H14O	000623-37-0	25
5			Tetraglyme	222	C10H22O5	000143-24-8	25



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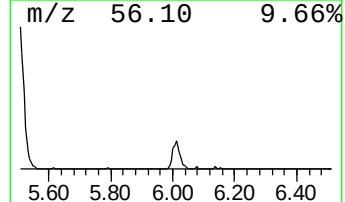
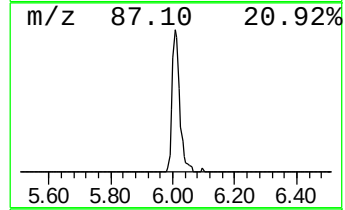
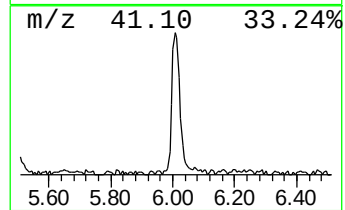
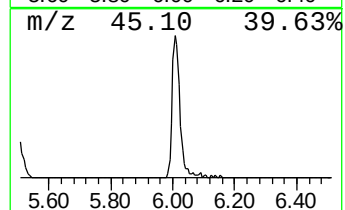
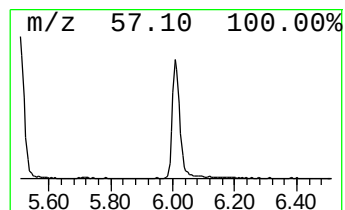
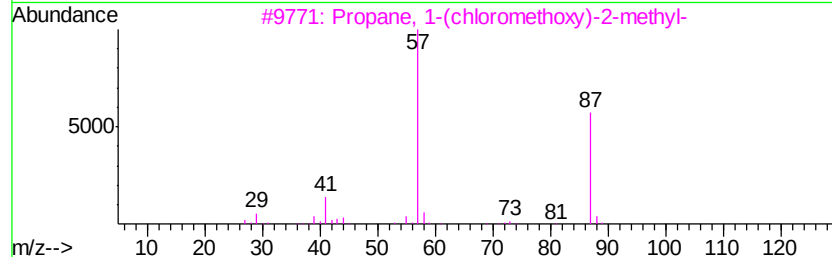
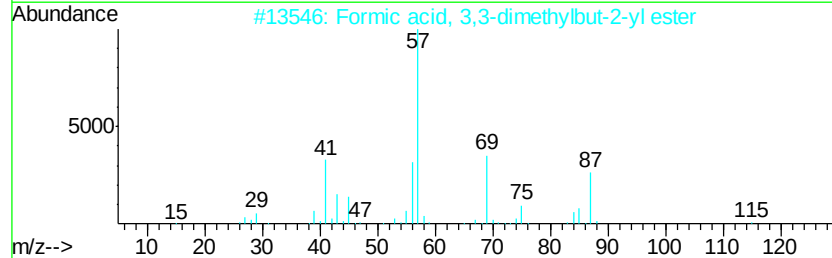
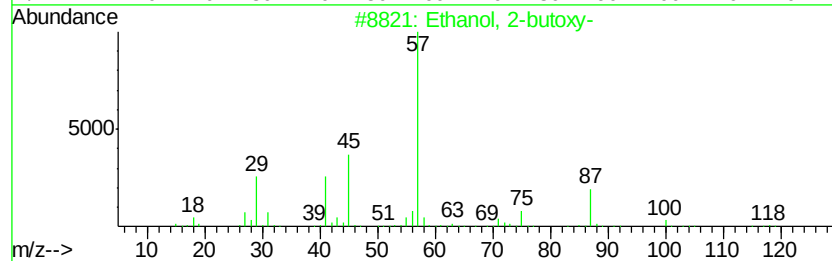
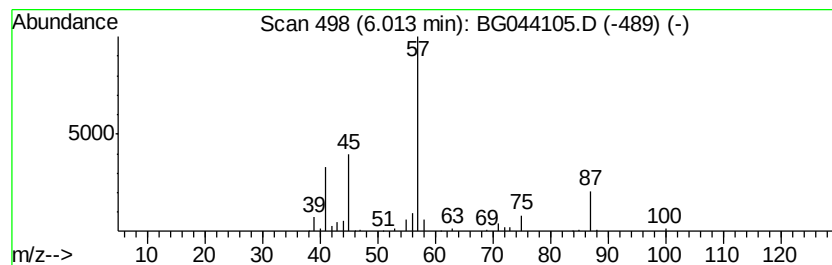
Instrument :
BNA_G
ClientSampled :
QVD-WC-L-01

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Peak Number 2 Ethanol, 2-butoxy- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
6.01	5.36 ng	128023	1,4-Dichlorobenzene-d4	7.93	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	78
2	Formic acid, 3,3-dimethylbut-2-yl...	130	C7H14O2	1000368-20-5	25
3	Propane, 1-(chloromethoxy)-2-met...	122	C5H11ClO	034180-11-5	25
4	n-Butyl ether	130	C8H18O	000142-96-1	25
5	1-Butene, 4-butoxy-	128	C8H16O	034061-76-2	17



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Instrument :
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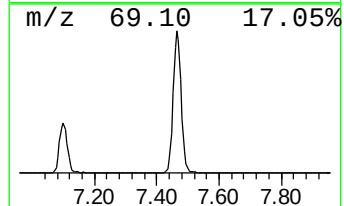
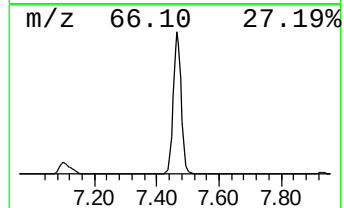
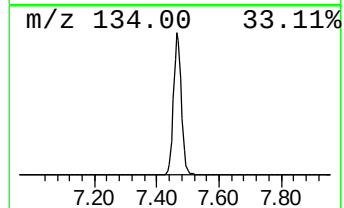
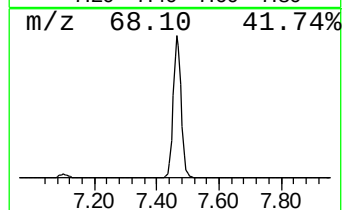
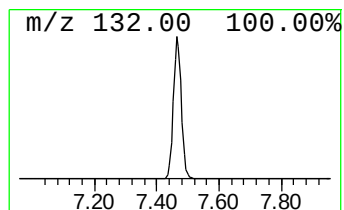
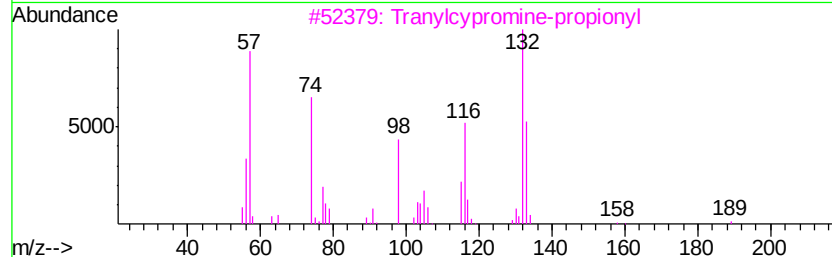
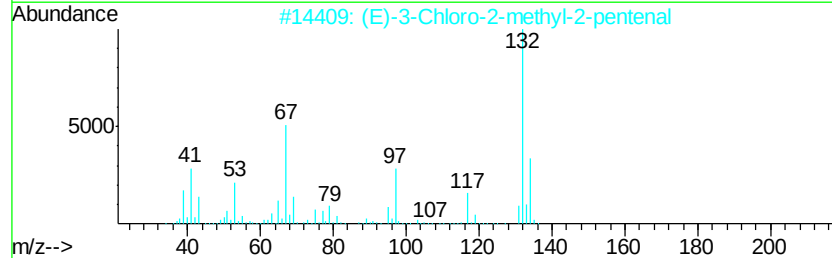
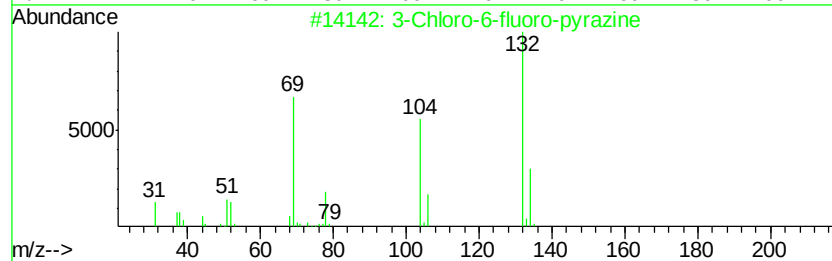
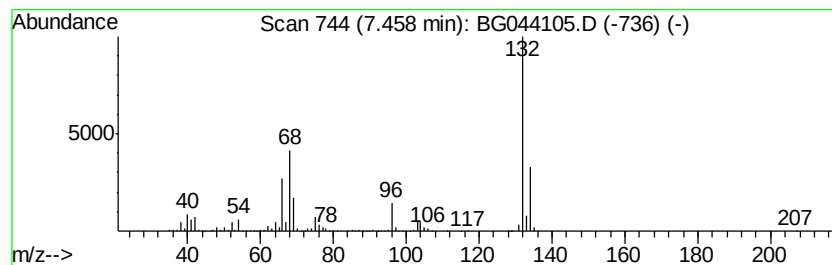
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Peak Number 3 unknown7.46 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.46	93.29 ng	2227670	1,4-Dichlorobenzene-d4	7.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		Xenon	132	Xe	007440-63-3	9



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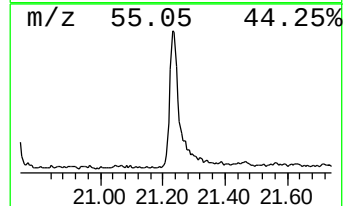
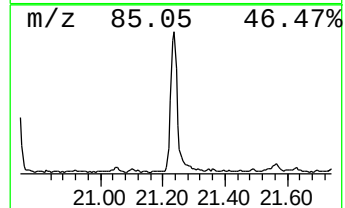
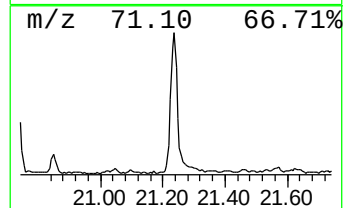
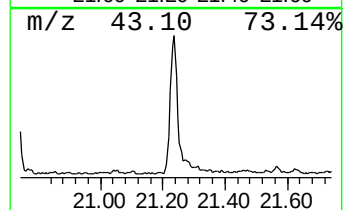
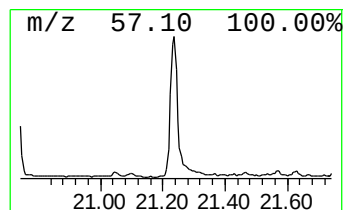
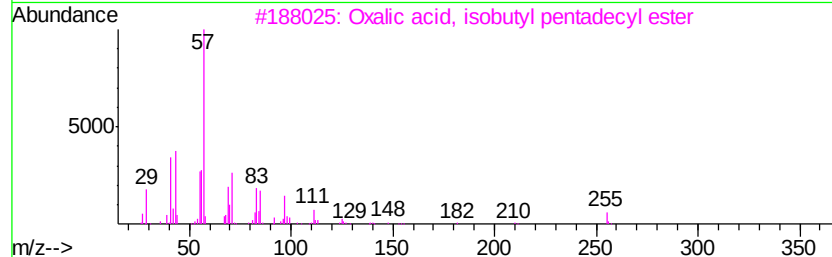
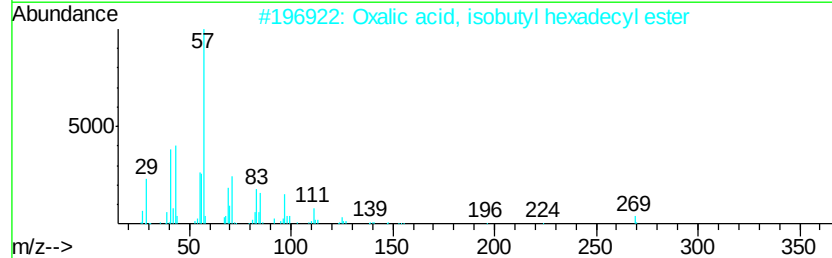
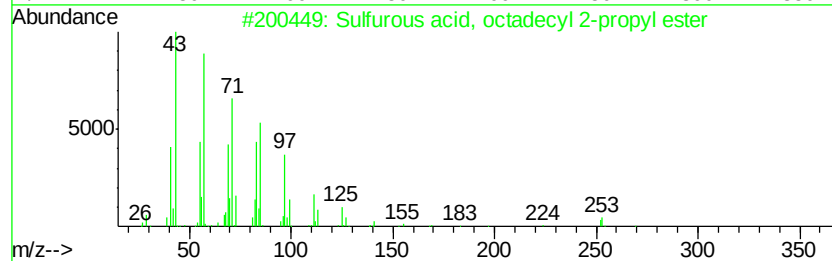
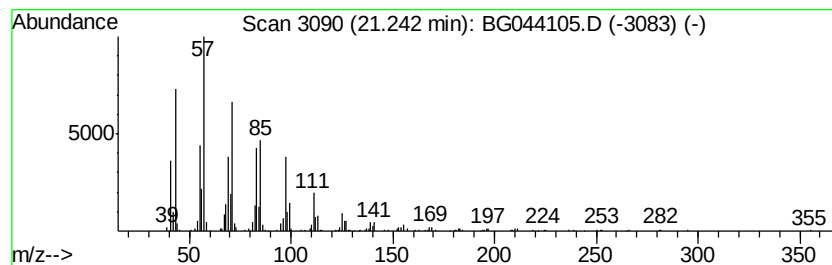
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Peak Number 5 Sulfurous acid, octadecyl 2... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.24	8.56 ng	577885	Chrysene-d12	21.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	91
2		Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	90
3		Oxalic acid, isobutyl pentadecyl...	356	C21H40O4	1000309-38-0	87
4		Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	72
5		Nonadecane	268	C19H40	000629-92-5	68



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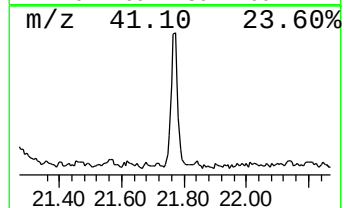
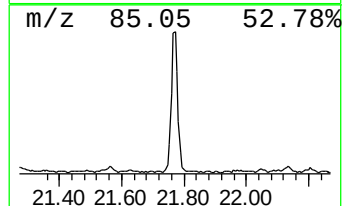
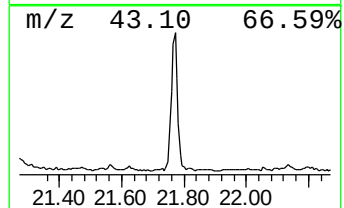
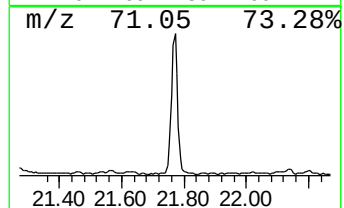
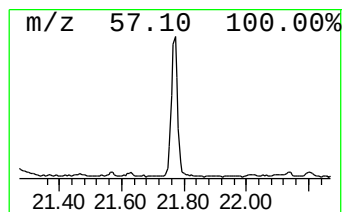
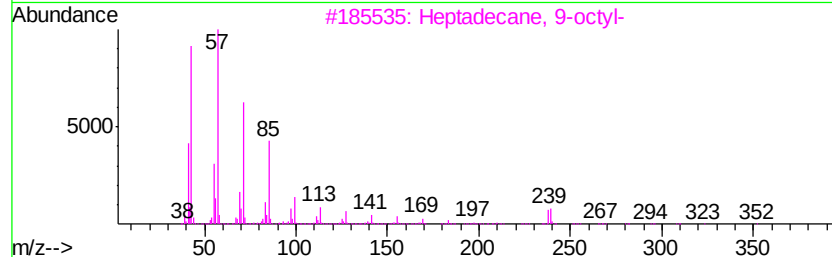
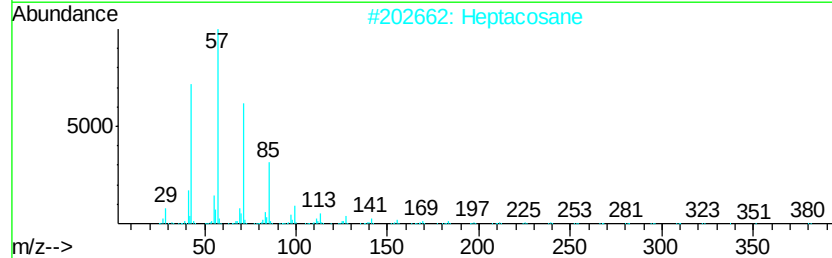
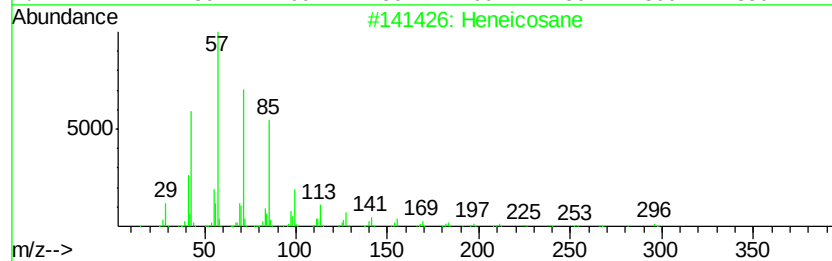
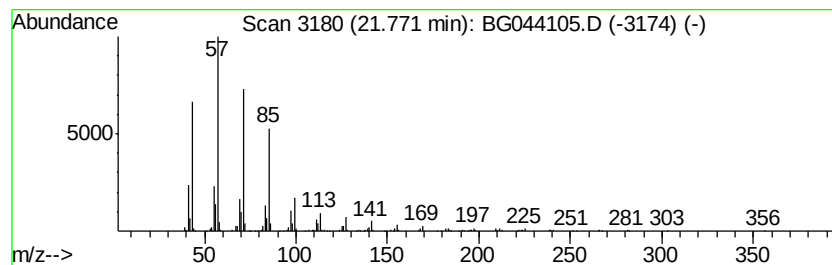
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Peak Number 6 Heneicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.77	5.86 ng	395700	Chrysene-d12	21.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Heptacosane	380	C27H56	000593-49-7	91
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
5		Hentriacontane	437	C31H64	000630-04-6	91



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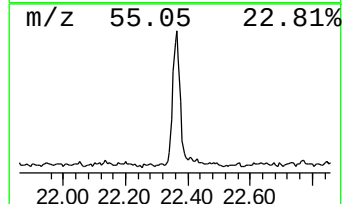
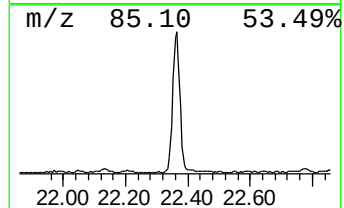
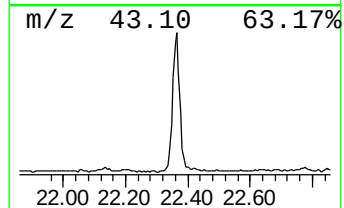
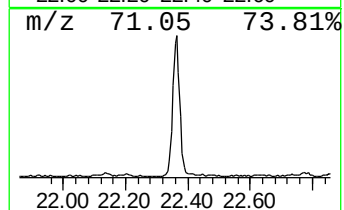
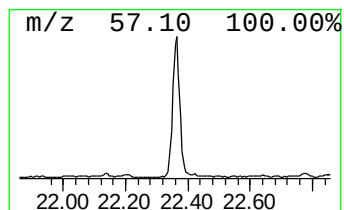
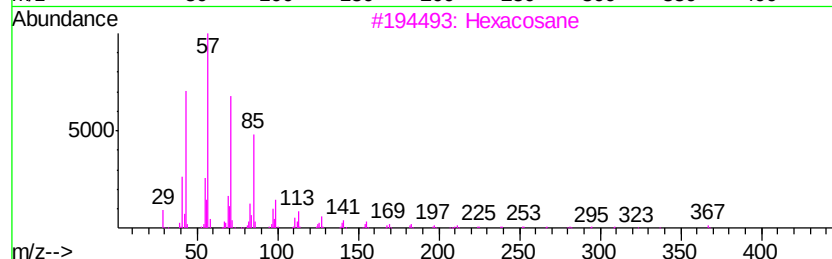
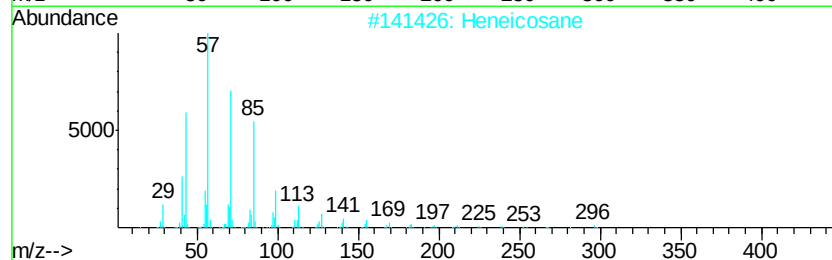
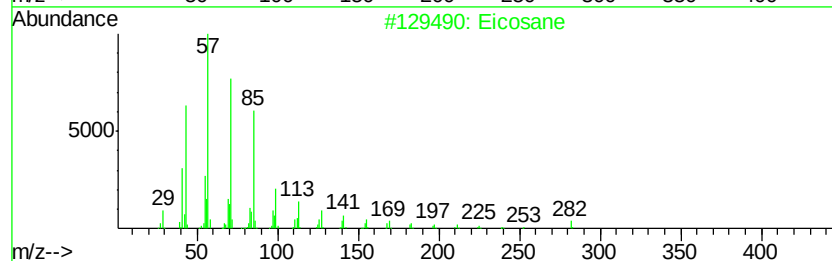
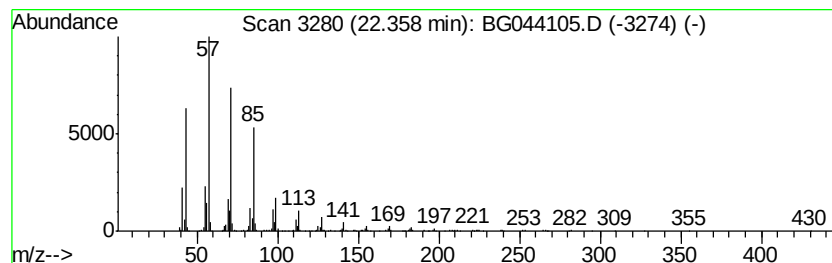
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 7 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.36	9.12 ng	615717	Chrysene-d12	21.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	95
2		Heneicosane	296	C21H44	000629-94-7	91
3		Hexacosane	366	C26H54	000630-01-3	91
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012020\
Data File : BG044105.D
Acq On : 20 Jan 2020 19:41
Operator : JU
Sample : L1166-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
QVD-WC-L-01

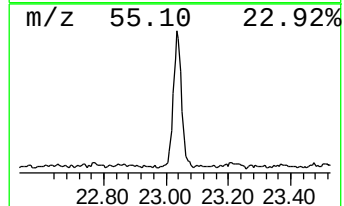
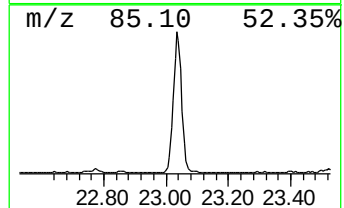
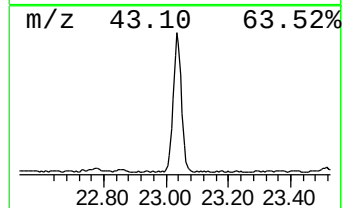
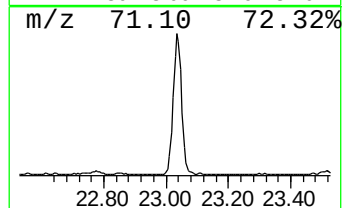
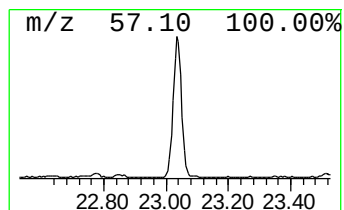
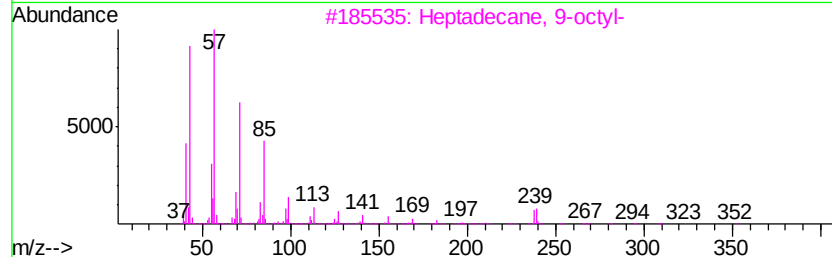
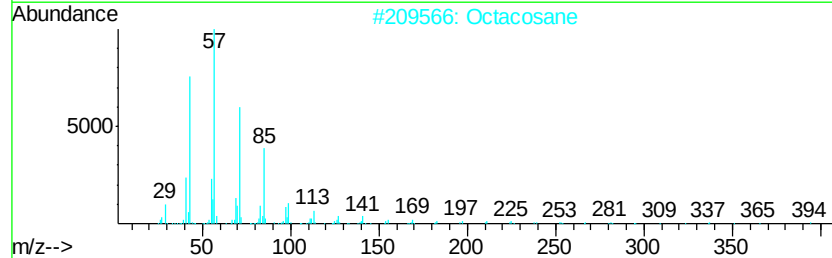
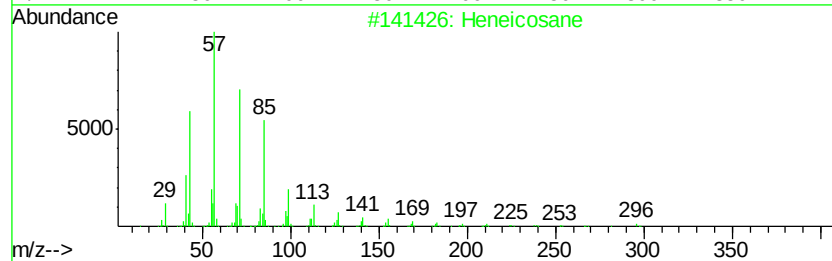
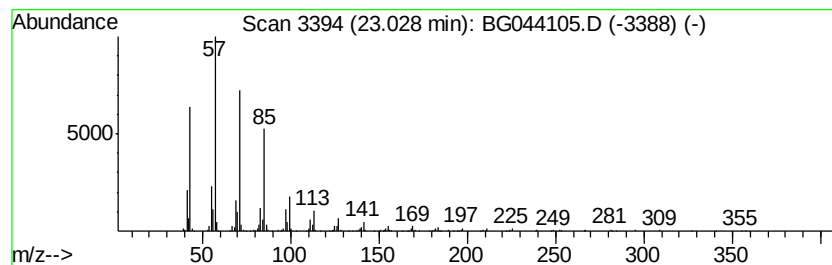
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
23.03	12.02 ng	811275	Chrysene-d12	21.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Octacosane	394	C28H58	000630-02-4	91
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4		2-methyloctacosane	408	C29H60	1000376-72-8	91
5		Heptacosane	380	C27H56	000593-49-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012020\
Data File : BG044105.D
Acq On : 20 Jan 2020 19:41
Operator : JU
Sample : L1166-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
QVD-WC-L-01

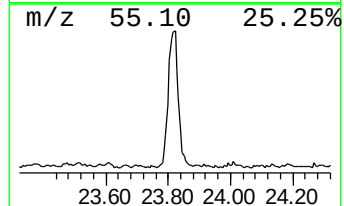
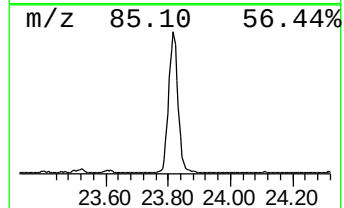
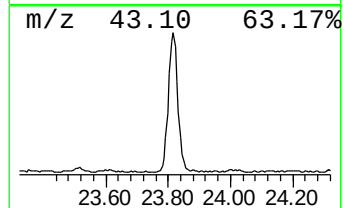
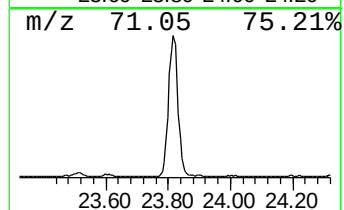
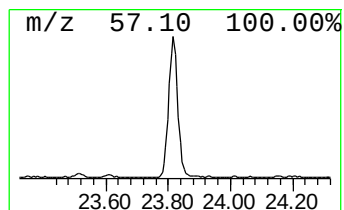
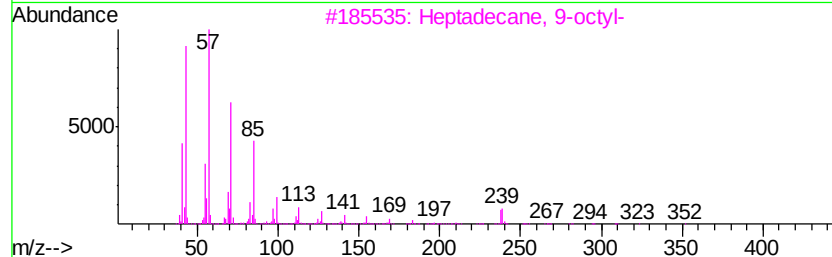
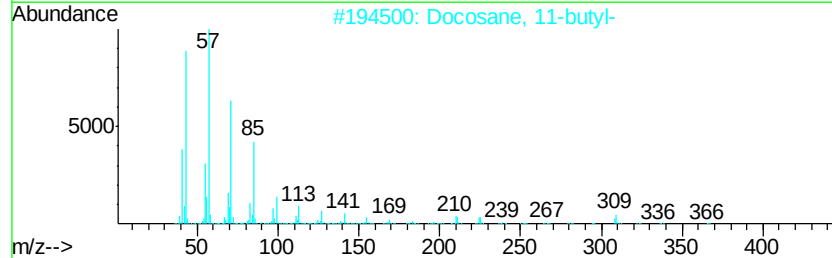
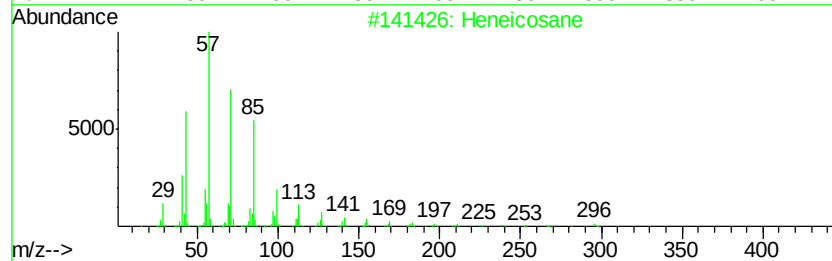
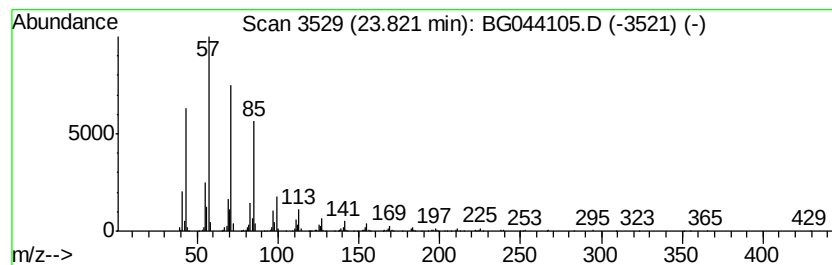
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.82	12.49 ng	870852	Perylene-d12	24.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Docosane, 11-butyl-	366	C26H54	013475-76-8	91
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4		Octacosane	394	C28H58	000630-02-4	91
5		Eicosane	282	C20H42	000112-95-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012020\
Data File : BG044105.D
Acq On : 20 Jan 2020 19:41
Operator : JU
Sample : L1166-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
QVD-WC-L-01

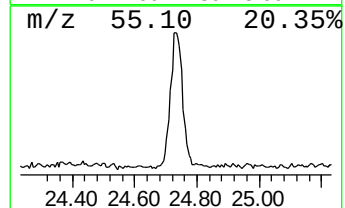
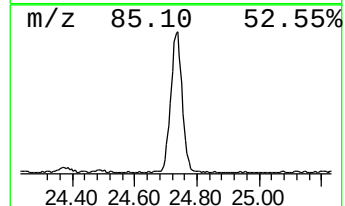
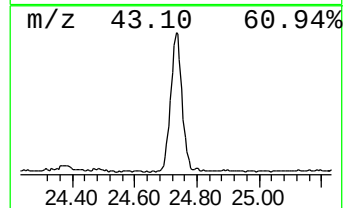
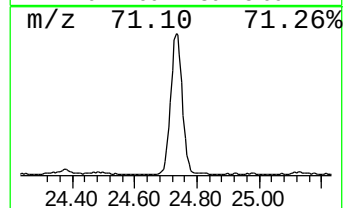
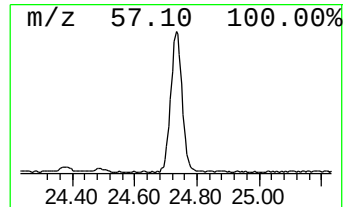
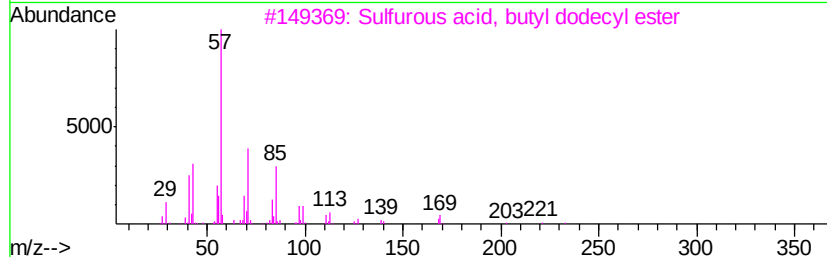
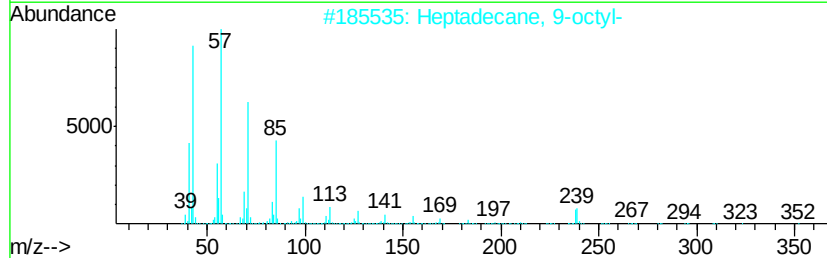
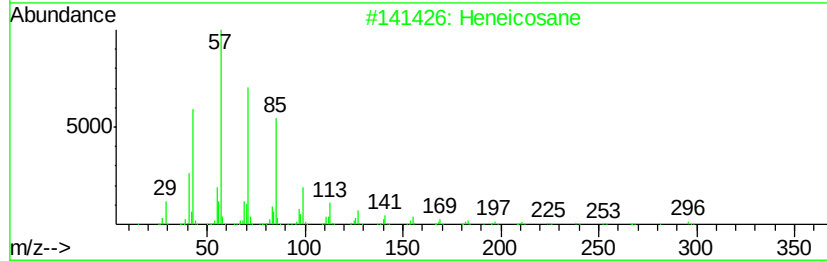
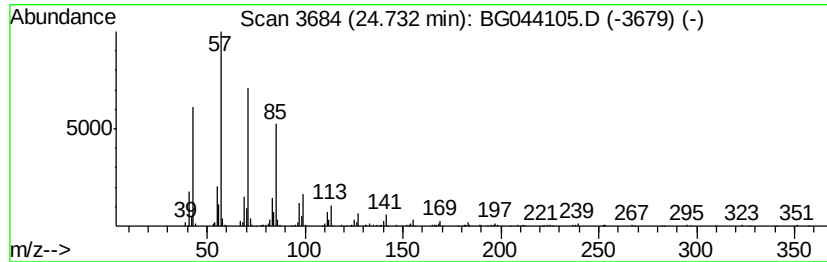
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Sulfurous acid, butyl dodec... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.73	12.28 ng	855878	Perylene-d12	24.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3		Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	91
4		Heneicosane, 11-decyl-	437	C31H64	055320-06-4	91
5		Tetracosane	338	C24H50	000646-31-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012020\
Data File : BG044105.D
Acq On : 20 Jan 2020 19:41
Operator : JU
Sample : L1166-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

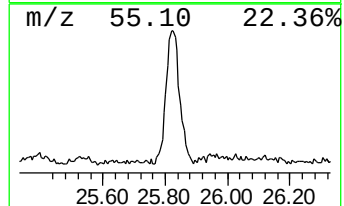
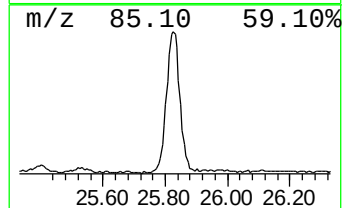
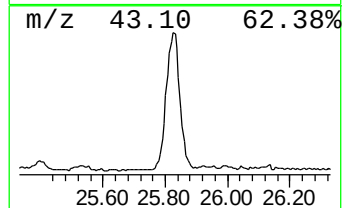
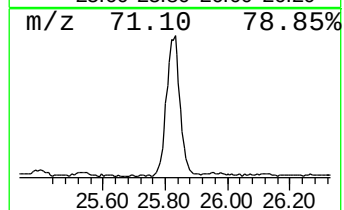
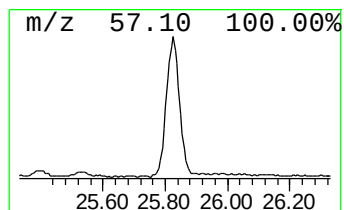
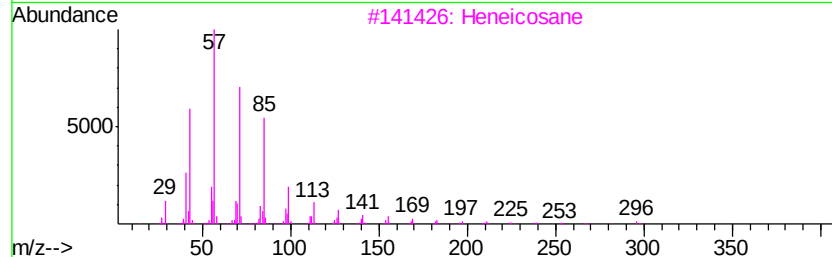
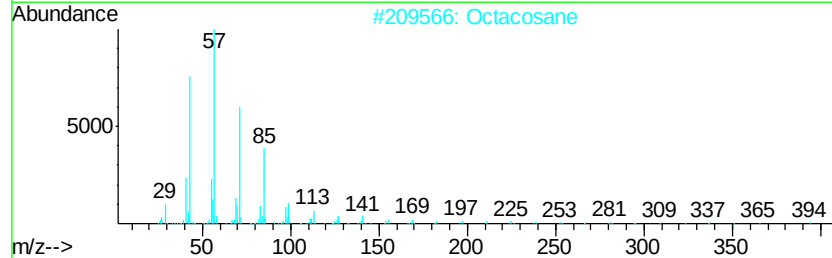
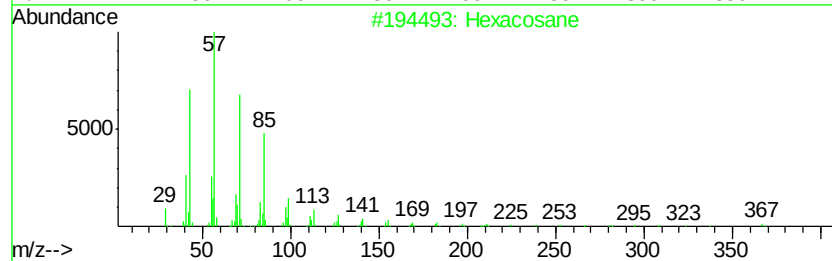
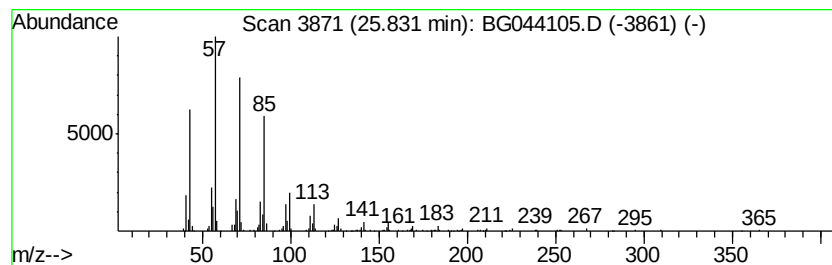
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ClientSampleId :
QVD-WC-L-01

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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 Hexacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.
25.83	9.89 ng	689482	Perylene-d12		24.67
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	91
5	2-Bromotetradecane	276	C14H29Br	074036-95-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012020\
Data File : BG044105.D
Acq On : 20 Jan 2020 19:41
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Misc :
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Instrument :
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ClientSampleId :
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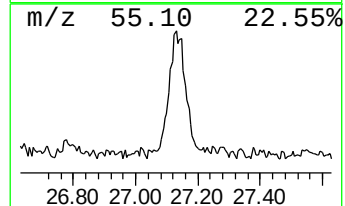
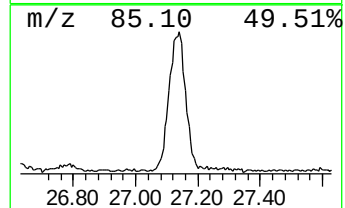
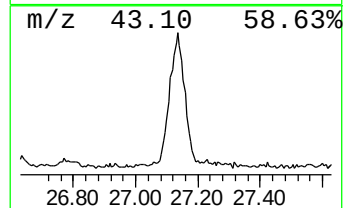
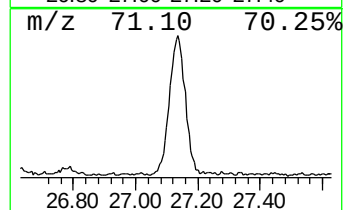
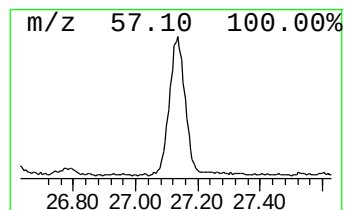
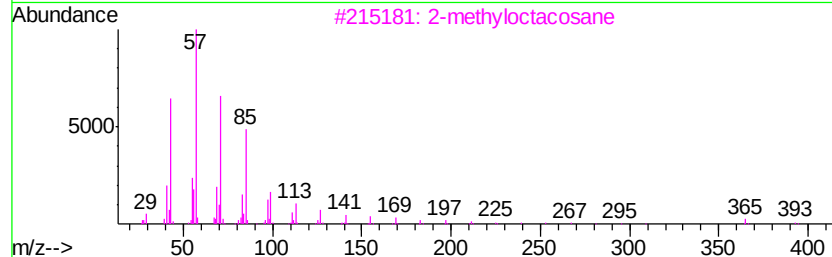
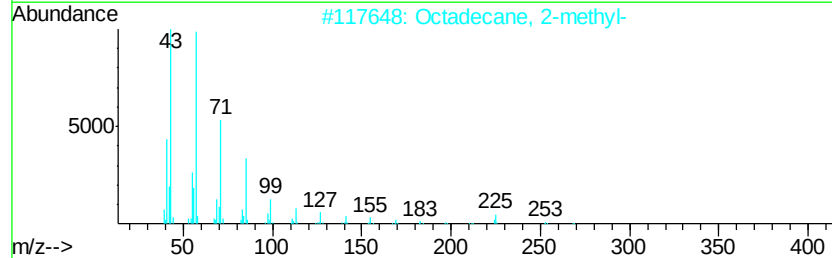
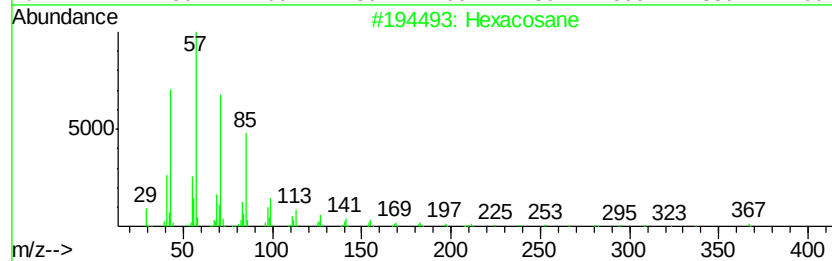
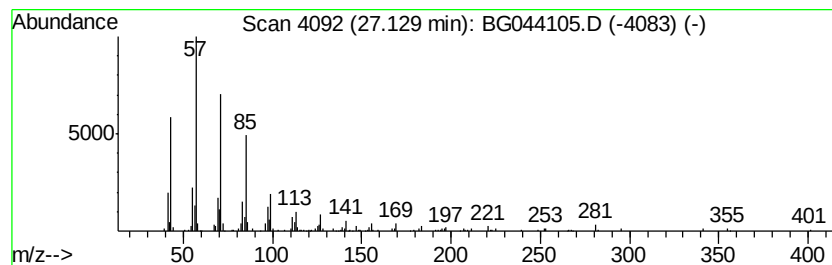
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Octadecane, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.13	5.75 ng	401145	Perylene-d12	24.67

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexacosane	366	C26H54	000630-01-3	93
2			Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
3			2-methyloctacosane	408	C29H60	1000376-72-8	90
4			Heptadecane	240	C17H36	000629-78-7	90
5			Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG012020\
Data File : BG044105.D
Acq On : 20 Jan 2020 19:41
Operator : JU
Sample : L1166-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
QVD-WC-L-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.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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Ethanol, 2-butoxy-	6.01	5.4	ng	128023	1	7.93	477593	20.0
unknown7.46	7.46	93.3	ng	2227670	1	7.93	477593	20.0
Sulfurous acid, o...	21.24	8.6	ng	577885	5	21.56	1350090	20.0
Heneicosane	21.77	5.9	ng	395700	5	21.56	1350090	20.0
Eicosane	22.36	9.1	ng	615717	5	21.56	1350090	20.0
Octacosane	23.03	12.0	ng	811275	5	21.56	1350090	20.0
Heptadecane, 9-oc...	23.82	12.5	ng	870852	6	24.67	1394270	20.0
Sulfurous acid, b...	24.73	12.3	ng	855878	6	24.67	1394270	20.0
Hexacosane	25.83	9.9	ng	689482	6	24.67	1394270	20.0
Octadecane, 2-met...	27.13	5.8	ng	401145	6	24.67	1394270	20.0