

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020520\
 Data File : BG044311.D
 Acq On : 5 Feb 2020 19:25
 Operator : CG/JU
 Sample : L1390-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-4

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-BG013020.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	3.131	4	7	19	rVB	39079	65464	1.08%	0.210%
2	5.493	402	409	426	rBV	1464680	2376637	39.08%	7.613%
3	7.085	672	680	693	rBV	1477430	2620325	43.08%	8.394%
4	7.914	812	821	830	rBV	281462	476451	7.83%	1.526%
5	8.237	868	876	889	rBV	1177113	2035974	33.48%	6.522%
6	9.071	1009	1018	1036	rBV	882275	1631118	26.82%	5.225%
7	10.716	1290	1298	1311	rBV	361677	671874	11.05%	2.152%
8	13.178	1709	1717	1728	rBV	2317544	3778717	62.13%	12.105%
9	14.001	1852	1857	1872	rVB	152220	235142	3.87%	0.753%
10	14.553	1944	1951	1963	rBV	662929	1030859	16.95%	3.302%
11	16.039	2197	2204	2222	rBV	2110316	3322919	54.64%	10.645%
12	17.297	2411	2418	2431	rBV	859938	1329033	21.85%	4.257%
13	19.911	2857	2863	2875	rBV	4311157	6081899	100.00%	19.483%
14	20.722	2995	3001	3005	rBV2	62619	73200	1.20%	0.234%
15	21.210	3079	3084	3100	rBV2	401211	689326	11.33%	2.208%
16	21.545	3134	3141	3150	rBV	861269	1464910	24.09%	4.693%
17	21.750	3171	3176	3188	rVB	139559	205975	3.39%	0.660%
18	22.344	3271	3277	3287	rBV	176189	307790	5.06%	0.986%
19	23.008	3381	3390	3404	rVB	177674	356595	5.86%	1.142%
20	23.190	3417	3421	3432	rVB3	32203	60884	1.00%	0.195%
21	23.783	3514	3522	3531	rBV2	148027	323820	5.32%	1.037%
22	24.641	3658	3668	3692	rBV2	505417	1786568	29.38%	5.723%
23	25.781	3854	3862	3872	rVB2	73848	205100	3.37%	0.657%
24	27.079	4076	4083	4093	rVB3	30948	86650	1.42%	0.278%

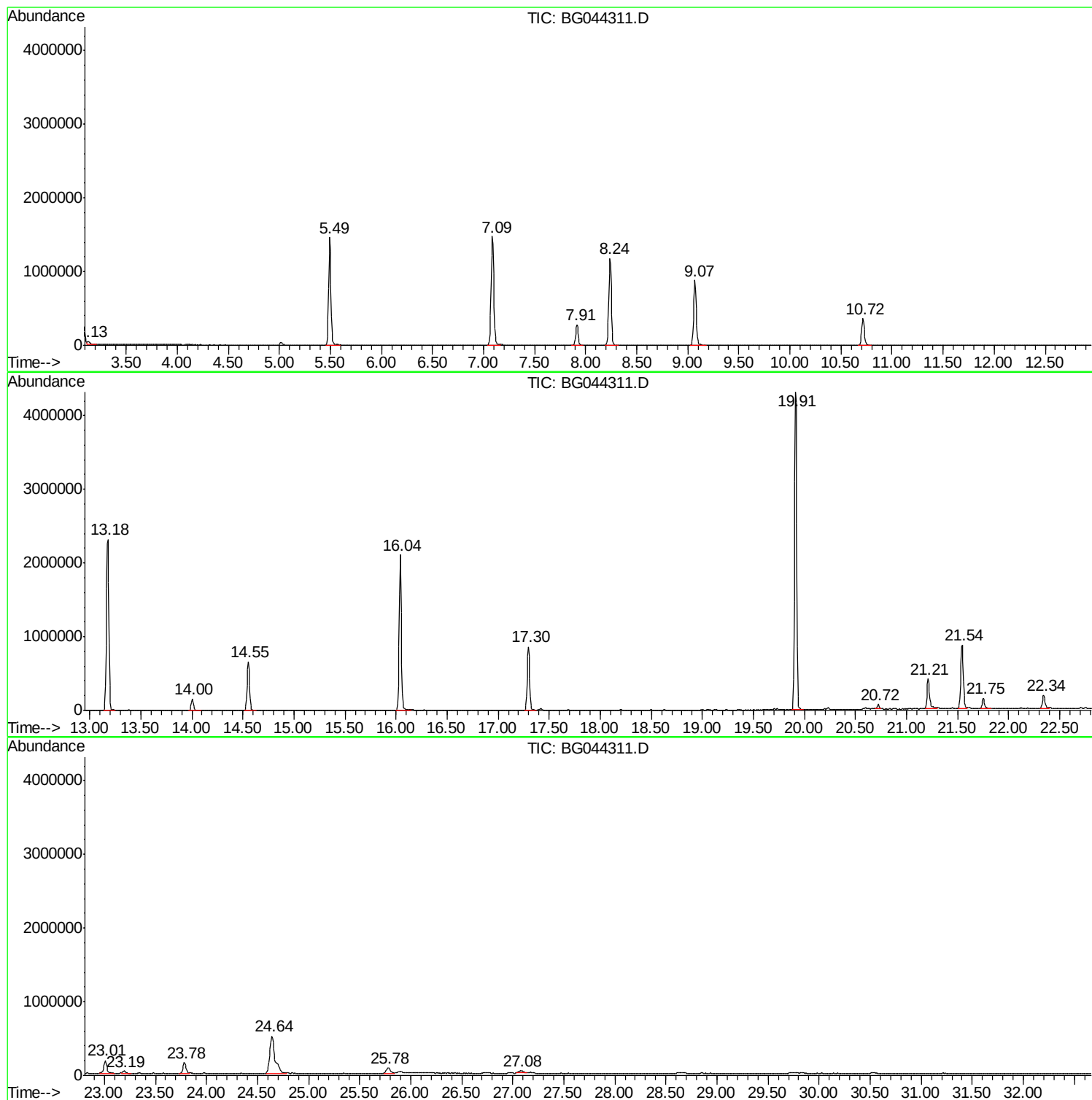
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Data File : BG044311.D
Acq On : 5 Feb 2020 19:25
Operator : CG/JU
Sample : L1390-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
SB-4

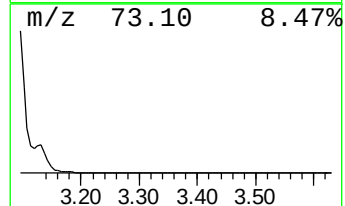
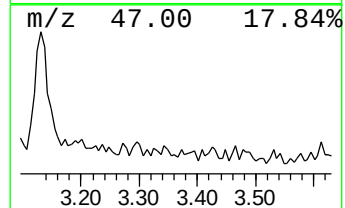
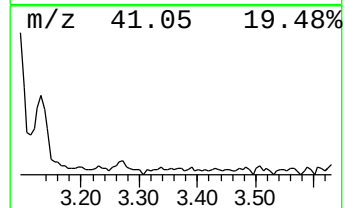
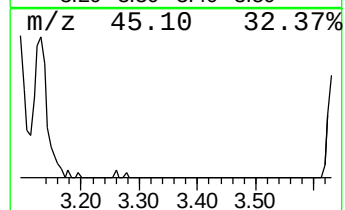
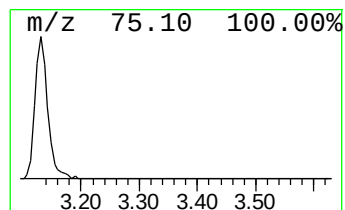
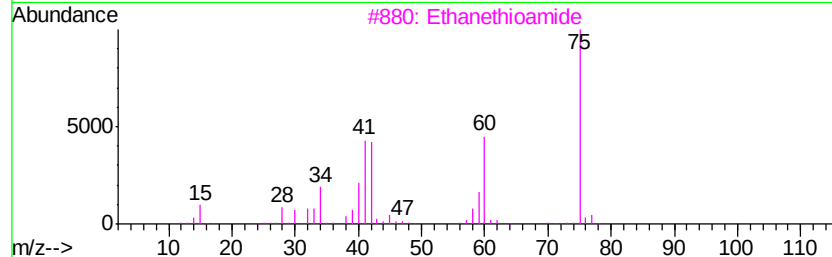
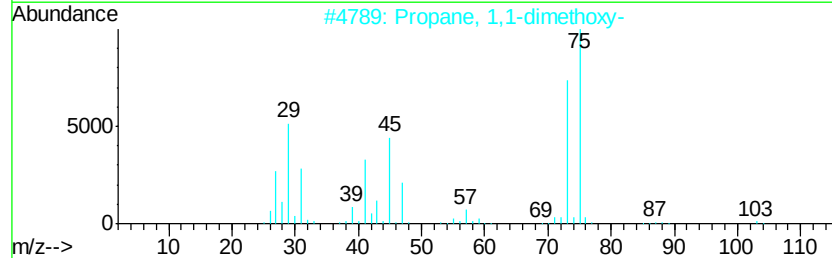
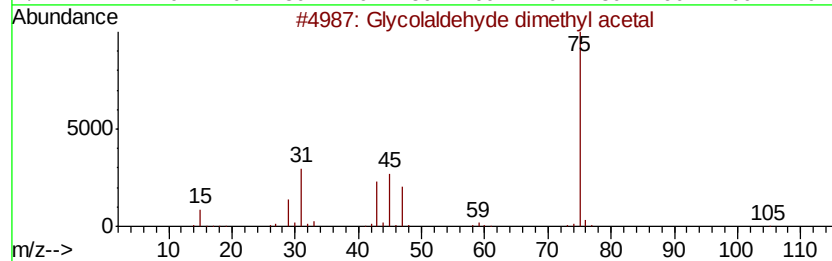
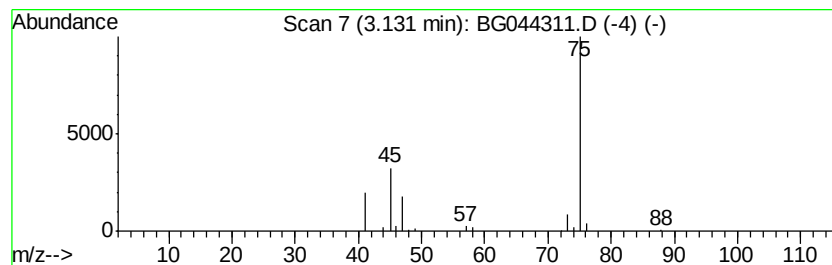
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Glycolaldehyde dimethyl acetal Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.13	2.75 ng	65464	1,4-Dichlorobenzene-d4	7.91

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Glycolaldehyde dimethyl acetal	106	C4H10O3	030934-97-5	78
2		Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	40
3		Ethanethioamide	75	C2H5NS	000062-55-5	9
4		Aminoacetaldehyde dimethyl acetal	105	C4H11NO2	022483-09-6	9
5		1-Butyne, 4,4-dimethoxy-	114	C6H10O2	033639-45-1	9



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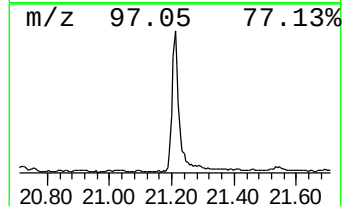
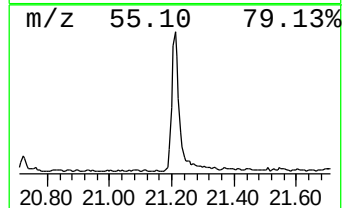
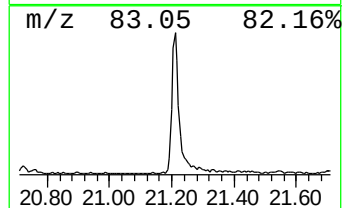
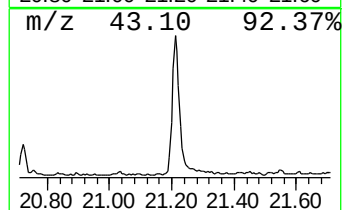
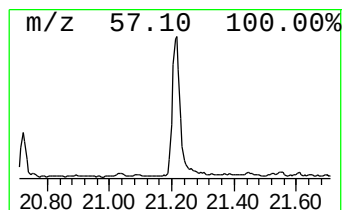
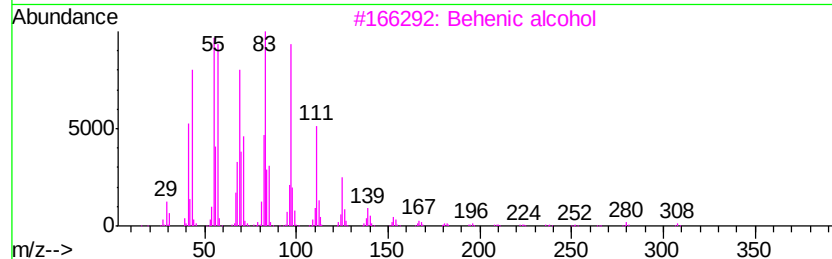
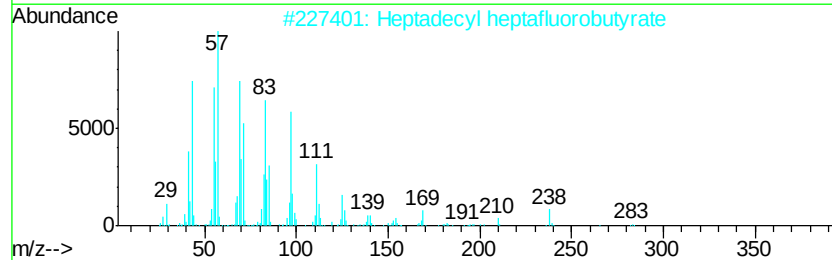
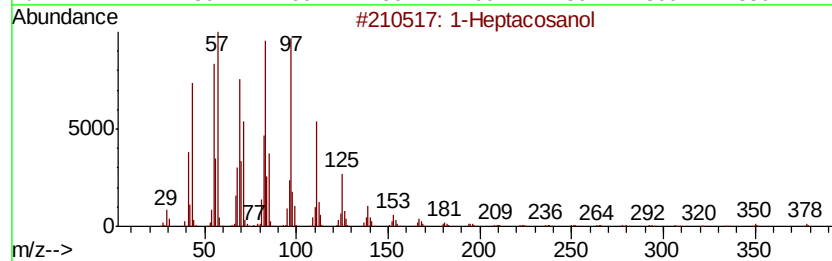
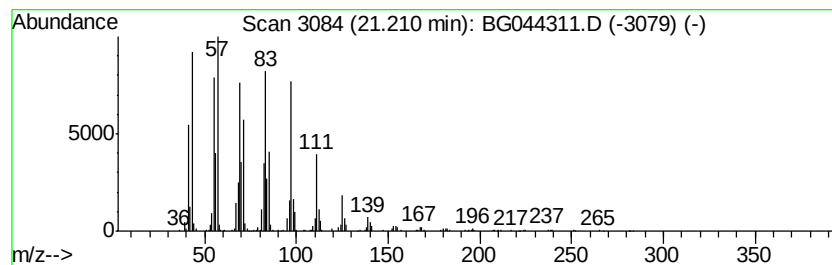
Instrument :
BNA_G
ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 1-Heptacosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.
21.21	9.41 ng	689326	Chrysene-d12		21.54
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	94
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
3	Behenic alcohol	326	C22H46O	000661-19-8	93
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
5	1-Heneicosanol	312	C21H44O	015594-90-8	93



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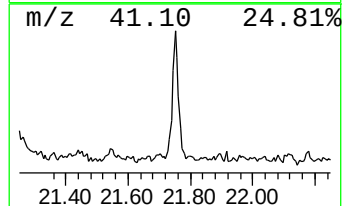
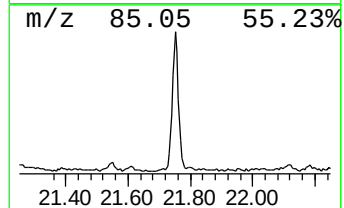
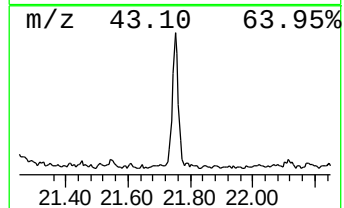
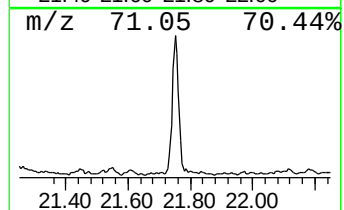
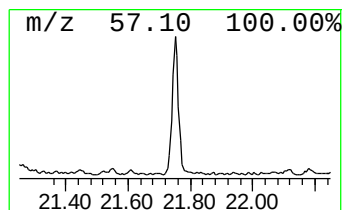
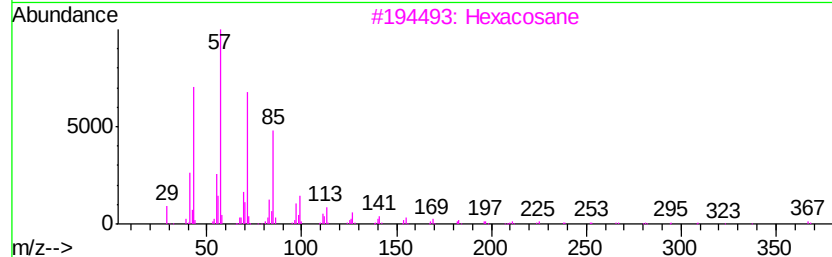
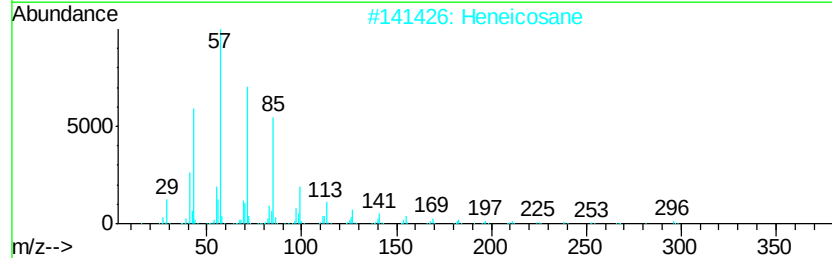
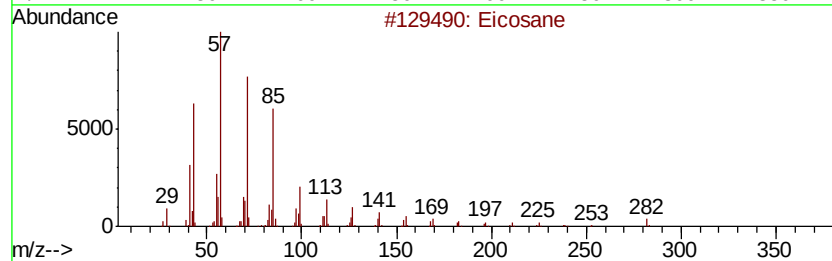
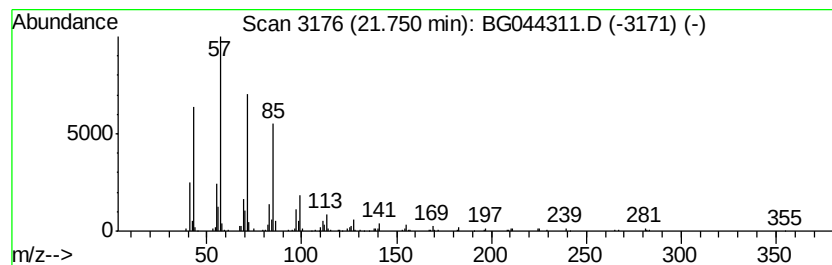
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Peak Number 4 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.75	2.81 ng	205975	Chrysene-d12	21.54

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	Hexacosane		366	C26H54	000630-01-3	90
4	Heptadecane		240	C17H36	000629-78-7	87
5	Eicosane, 7-hexyl-		366	C26H54	055333-99-8	86



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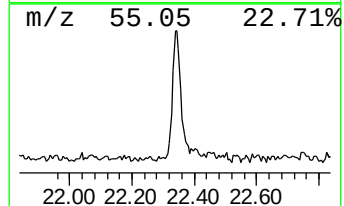
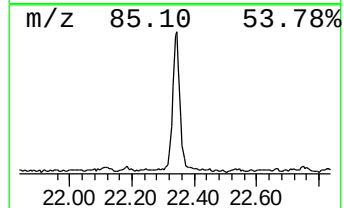
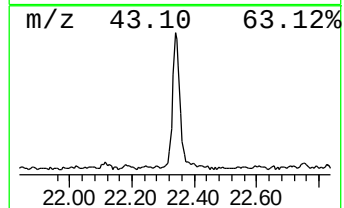
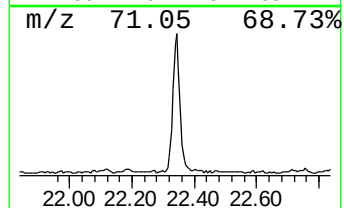
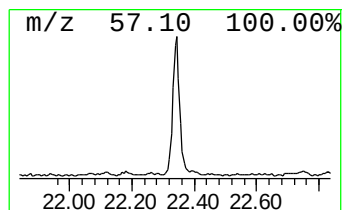
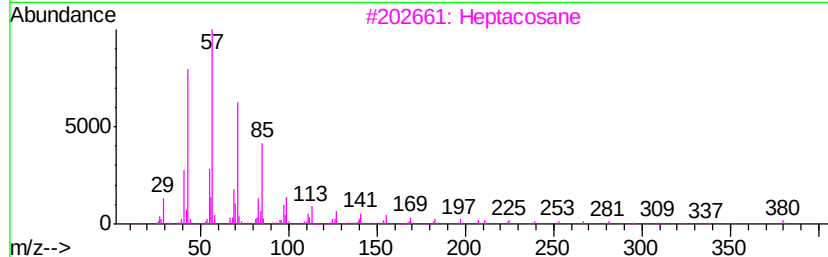
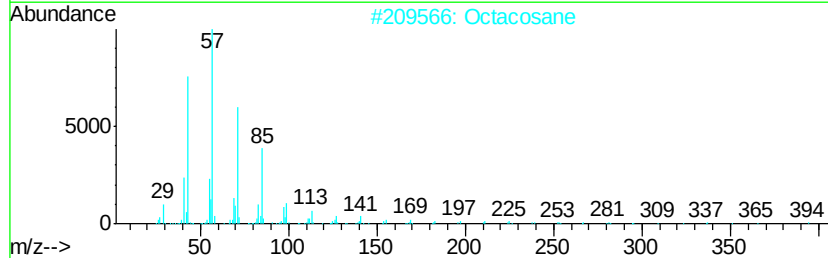
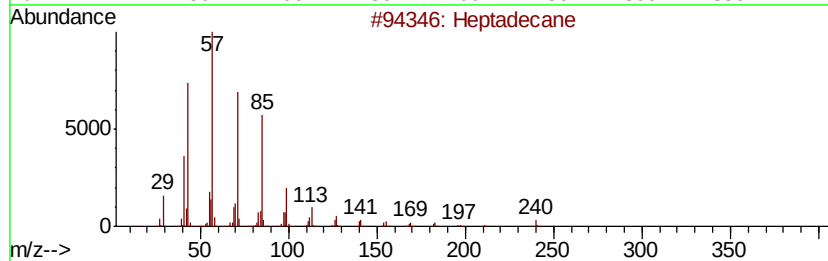
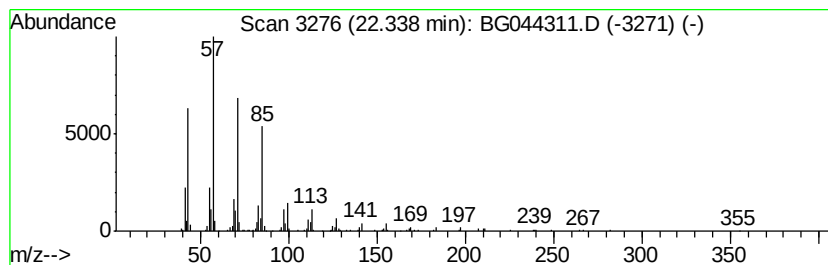
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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Peak Number 5 Heptadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.34	4.20 ng	307790	Chrysene-d12	21.54

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	95
2	Octacosane		394	C28H58	000630-02-4	91
3	Heptacosane		380	C27H56	000593-49-7	91
4	Heptadecane, 9-octyl-		352	C25H52	007225-64-1	91
5	Heneicosane		296	C21H44	000629-94-7	91



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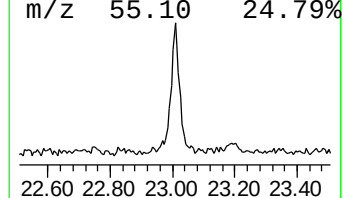
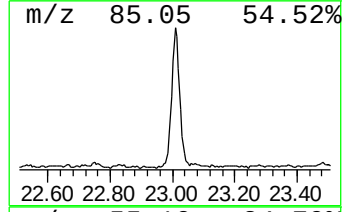
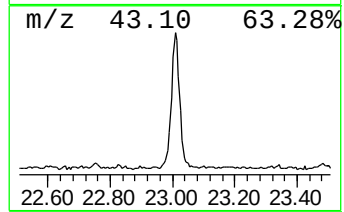
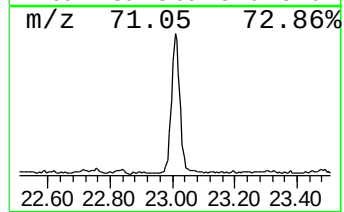
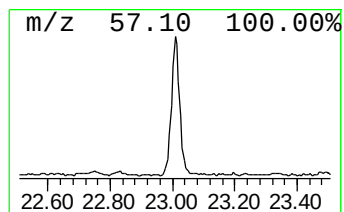
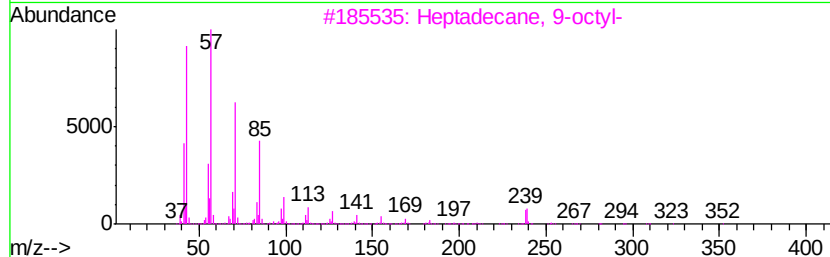
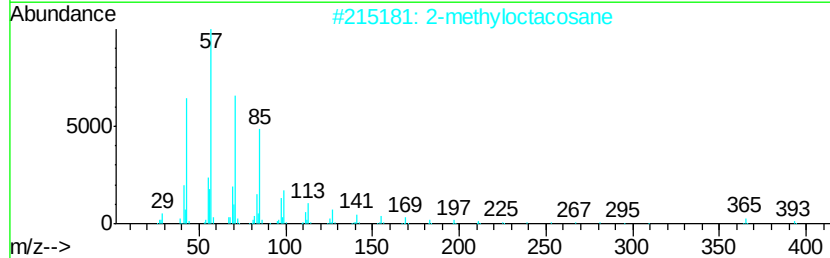
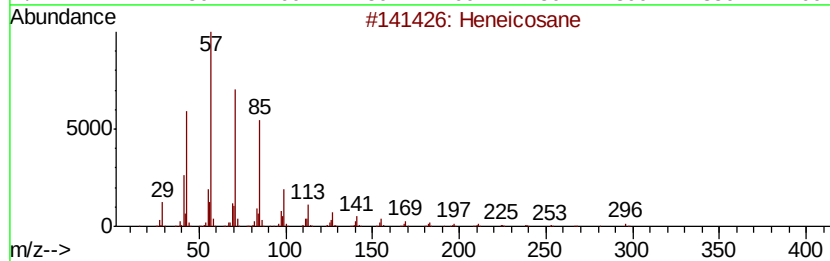
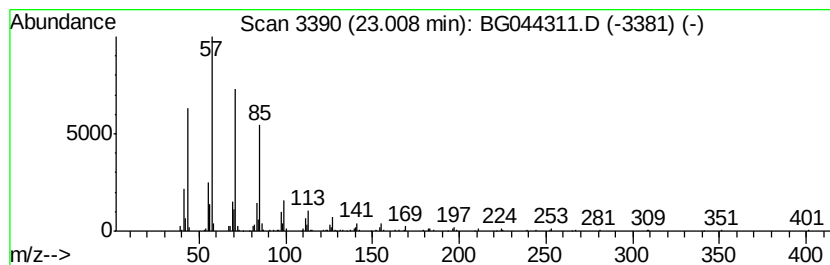
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TIC Library : C:\Database\NIST11.L
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Peak Number 6 Heneicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.01	4.87 ng	356595	Chrysene-d12	21.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		2-methyloctacosane	408	C29H60	1000376-72-8	91
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4		Tetracosane	338	C24H50	000646-31-1	91
5		Octacosane	394	C28H58	000630-02-4	91



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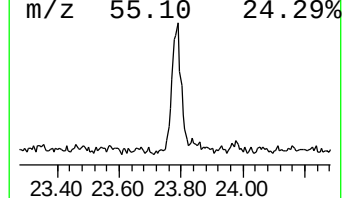
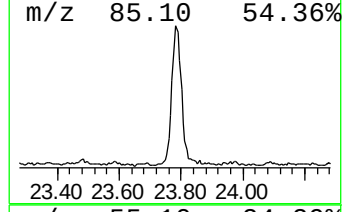
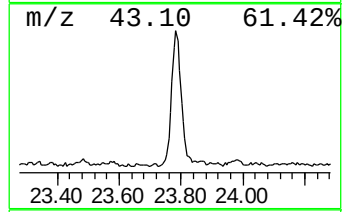
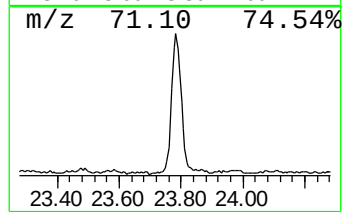
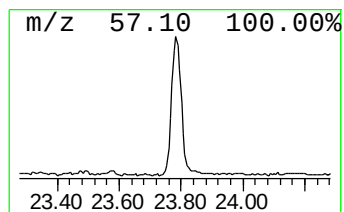
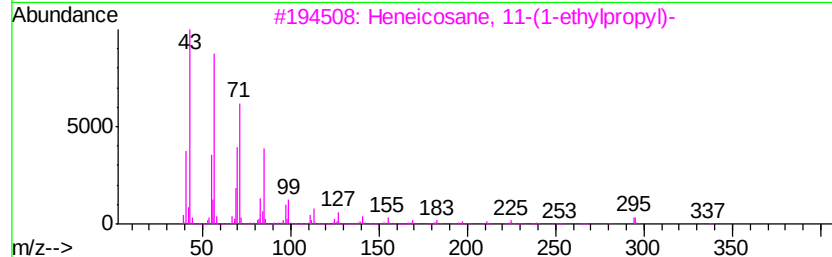
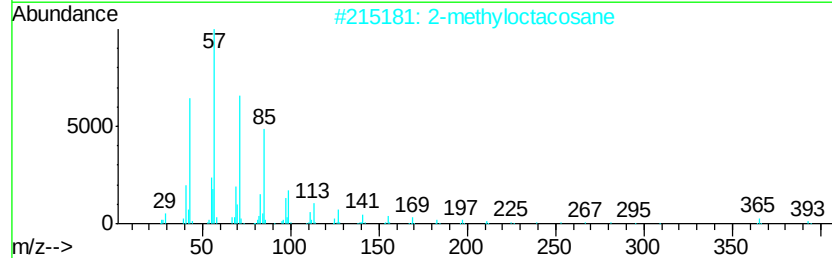
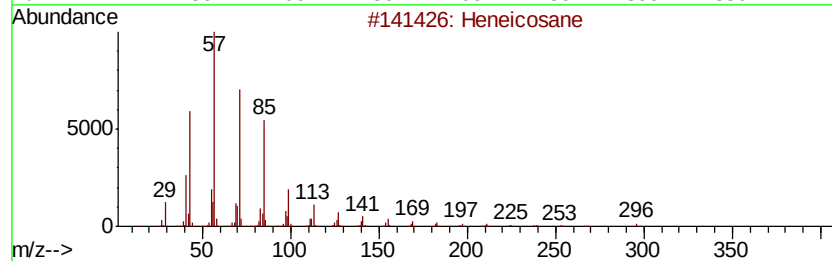
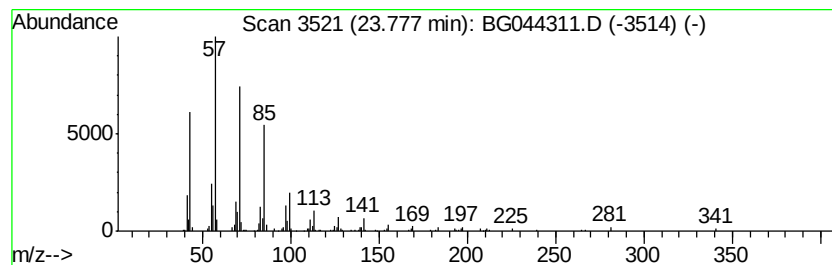
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 2-methyloctacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.78	3.63 ng	323820	Perylene-d12	24.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		2-methyloctacosane	408	C29H60	1000376-72-8	91
3		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	86
4		Hexacosane	366	C26H54	000630-01-3	81
5		Eicosane, 2-methyl-	296	C21H44	001560-84-5	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020520\
Data File : BG044311.D
Acq On : 5 Feb 2020 19:25
Operator : CG/JU
Sample : L1390-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-4

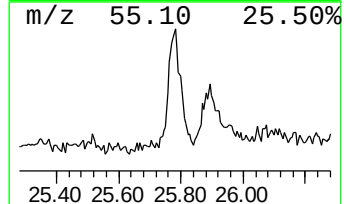
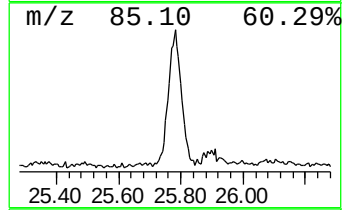
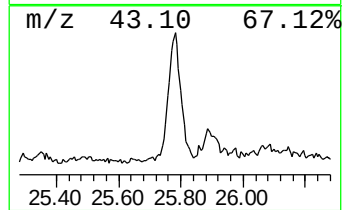
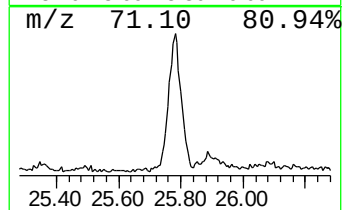
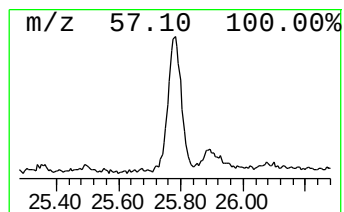
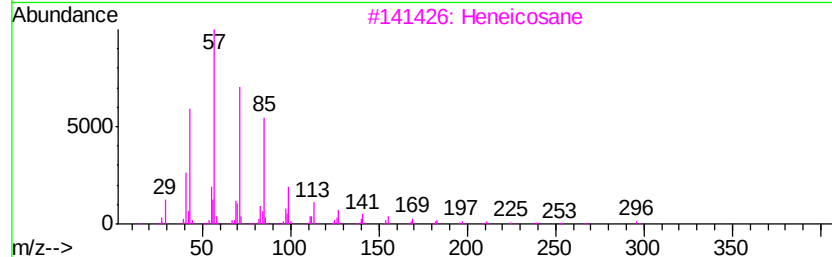
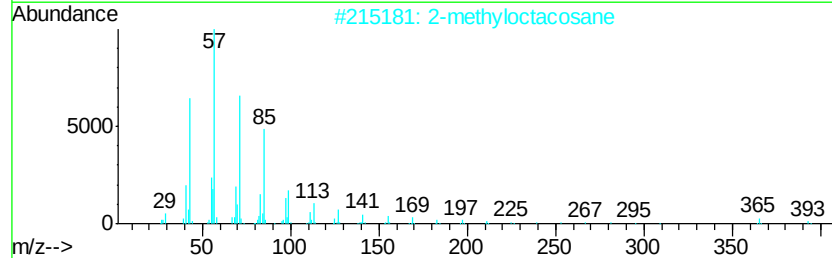
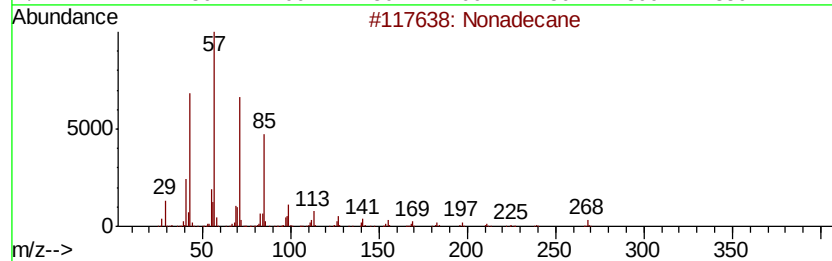
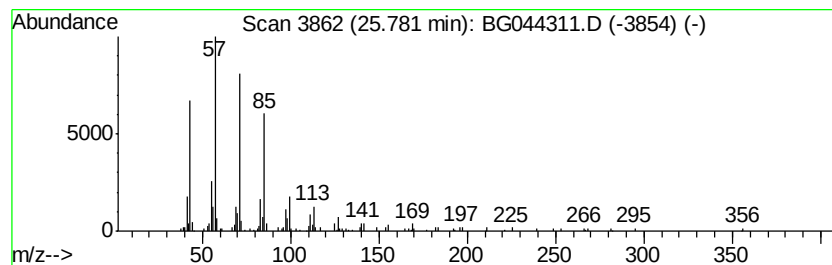
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Nonadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.78	2.30 ng	205100	Perylene-d12	24.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	94
2		2-methyloctacosane	408	C29H60	1000376-72-8	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Hexacosane	366	C26H54	000630-01-3	91
5		Pentacosane	352	C25H52	000629-99-2	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG020520\
Data File : BG044311.D
Acq On : 5 Feb 2020 19:25
Operator : CG/JU
Sample : L1390-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.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
Glycolaldehyde di...	3.13	2.8 ng		65464	1	7.91	476451	20.0
1-Heptacosanol	21.21	9.4 ng		689326	5	21.54	1464910	20.0
Eicosane	21.75	2.8 ng		205975	5	21.54	1464910	20.0
Heptadecane	22.34	4.2 ng		307790	5	21.54	1464910	20.0
Heneicosane	23.01	4.9 ng		356595	5	21.54	1464910	20.0
2-methyloctacosane	23.78	3.6 ng		323820	6	24.64	1786570	20.0
Nonadecane	25.78	2.3 ng		205100	6	24.64	1786570	20.0