

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103019\
 Data File : BG043414.D
 Acq On : 30 Oct 2019 23:46
 Operator : JU
 Sample : K5569-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 IDW-DECON-WATER-102519

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-BG102119.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	3.191	12	17	31	rVB	813352	1283391	33.42%	6.739%
2	5.124	340	346	354	rBV	83008	137501	3.58%	0.722%
3	5.612	422	429	443	rBV	475948	860264	22.40%	4.517%
4	7.204	690	700	714	rBV	374186	751443	19.57%	3.946%
5	7.562	753	761	775	rBV	690901	1262906	32.89%	6.632%
6	8.021	830	839	847	rBV	137899	241724	6.30%	1.269%
7	8.344	883	894	910	rBV	549987	1005499	26.19%	5.280%
8	9.184	1030	1037	1051	rBV	375932	761600	19.83%	3.999%
9	10.829	1309	1317	1330	rBV	154979	321719	8.38%	1.689%
10	13.273	1725	1733	1746	rBV	1277738	2105075	54.82%	11.054%
11	14.096	1866	1873	1882	rBV	121262	203813	5.31%	1.070%
12	14.648	1959	1967	1981	rBV	304320	509308	13.26%	2.674%
13	15.383	2086	2092	2098	rBV	36324	52071	1.36%	0.273%
14	16.141	2213	2221	2238	rBV	1152300	1986236	51.73%	10.430%
15	17.392	2427	2434	2446	rBV	393874	647453	16.86%	3.400%
16	18.285	2580	2586	2595	rBV2	142005	229126	5.97%	1.203%
17	18.367	2595	2600	2608	rVB7	19326	47006	1.22%	0.247%
18	19.484	2785	2790	2796	rVB2	35235	46733	1.22%	0.245%
19	19.548	2797	2801	2810	rVV3	40113	60252	1.57%	0.316%
20	20.007	2872	2879	2896	rBV	2573172	3839760	100.00%	20.163%
21	21.299	3095	3099	3108	rBV3	111379	224428	5.84%	1.178%
22	21.381	3108	3113	3116	rVV	42773	69195	1.80%	0.363%
23	21.417	3116	3119	3129	rVB9	18113	43819	1.14%	0.230%
24	21.658	3153	3160	3175	rVB	448232	805730	20.98%	4.231%
25	21.846	3187	3192	3197	rVB	48065	75025	1.95%	0.394%
26	22.445	3289	3294	3299	rBV3	49672	85386	2.22%	0.448%
27	23.132	3402	3411	3417	rBV	66039	140297	3.65%	0.737%
28	23.926	3539	3546	3554	rVB3	59321	125011	3.26%	0.656%
29	24.854	3692	3704	3715	rBV2	323200	973998	25.37%	5.115%
30	25.982	3888	3896	3905	rBV5	32842	93653	2.44%	0.492%
31	27.310	4115	4122	4132	rVB10	16646	54391	1.42%	0.286%

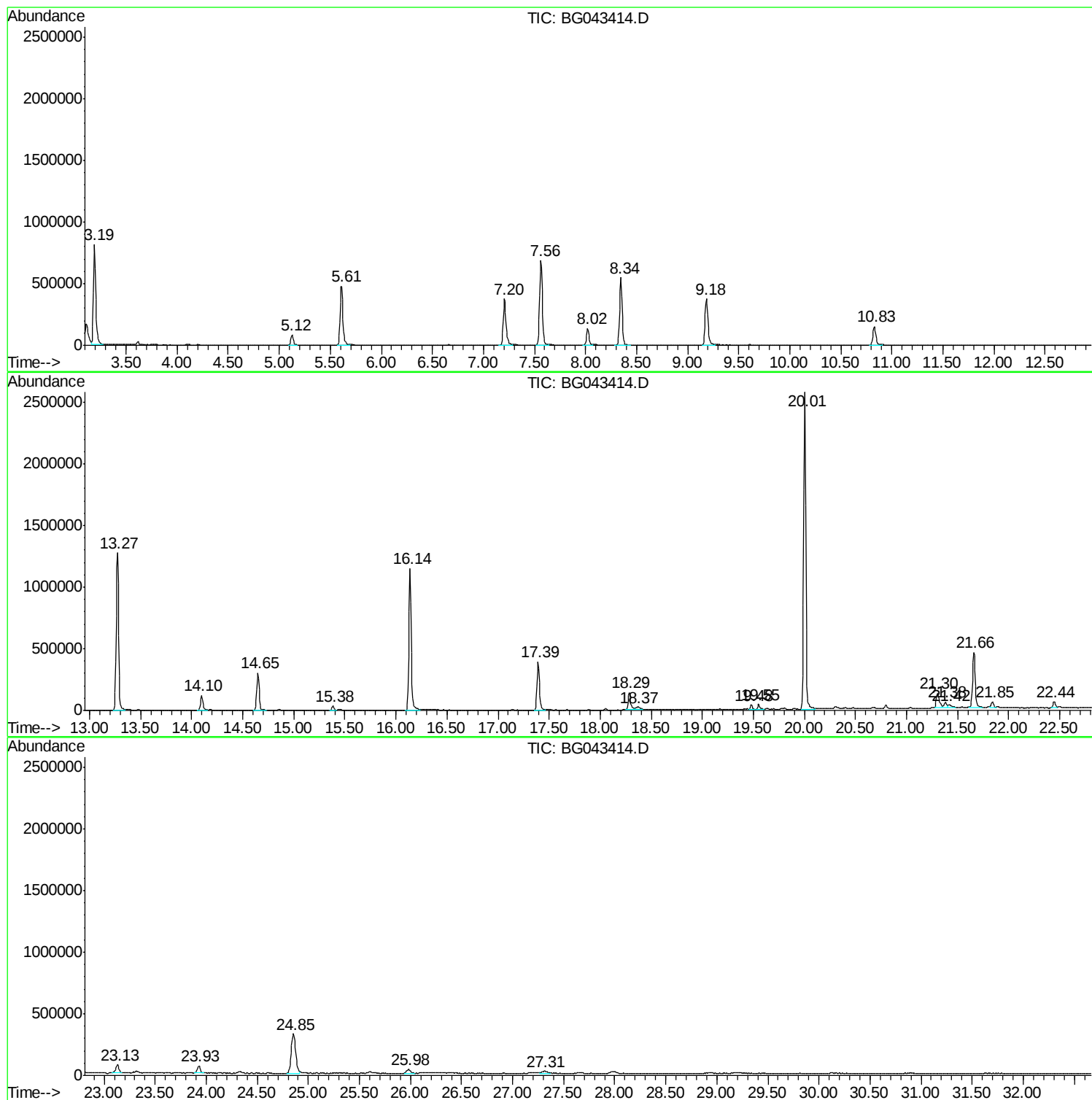
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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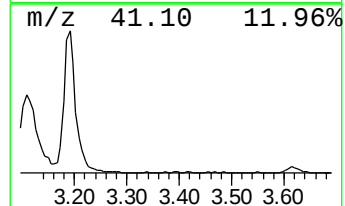
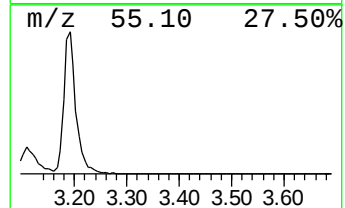
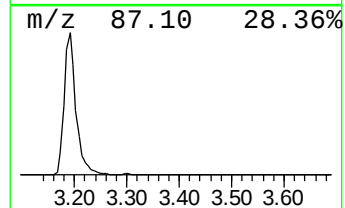
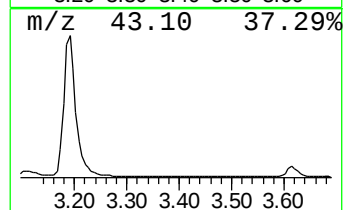
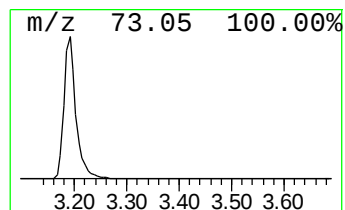
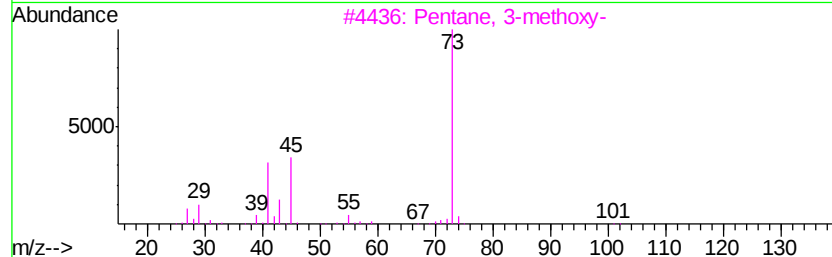
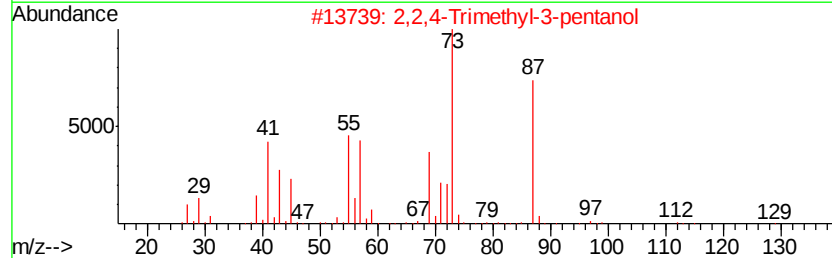
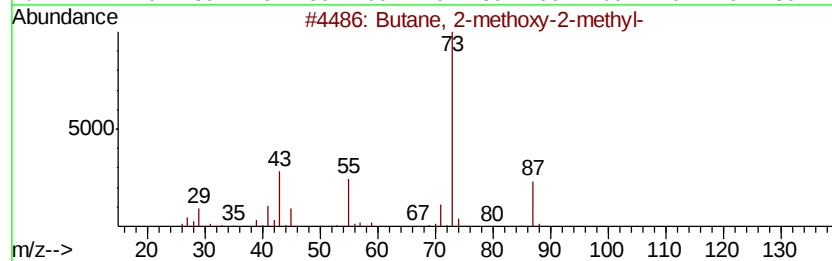
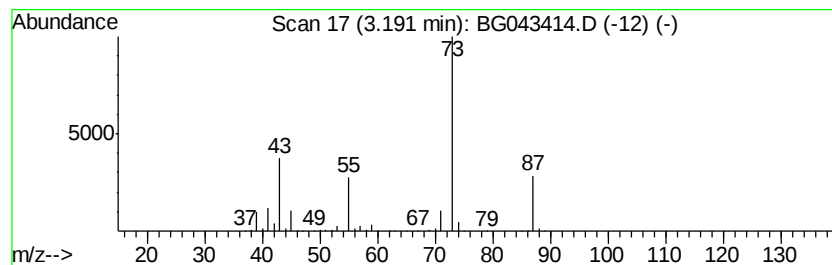
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TIC Library : C:\Database\NIST11.L
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Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.19	106.19 ng	1283390	1,4-Dichlorobenzene-d4	8.02

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	40
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
5		N-Ethylformamide	73	C3H7NO	000627-45-2	9



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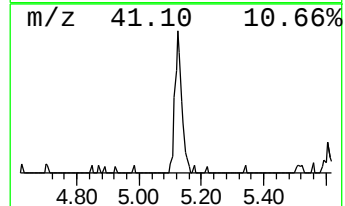
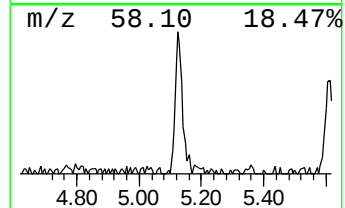
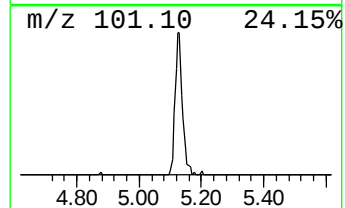
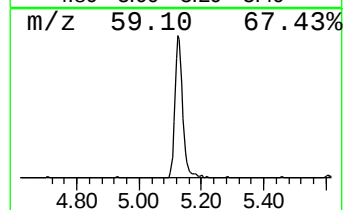
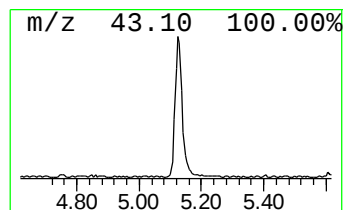
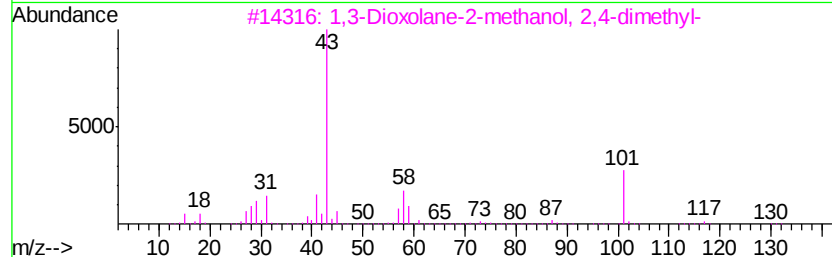
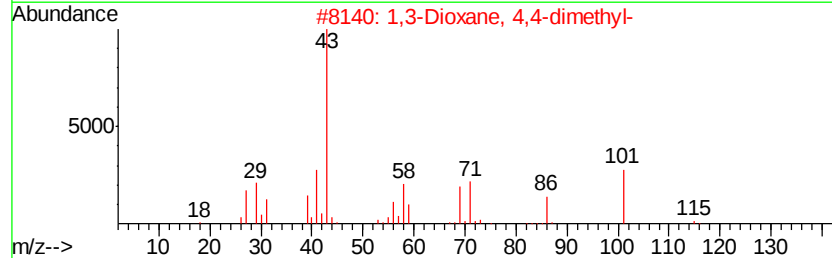
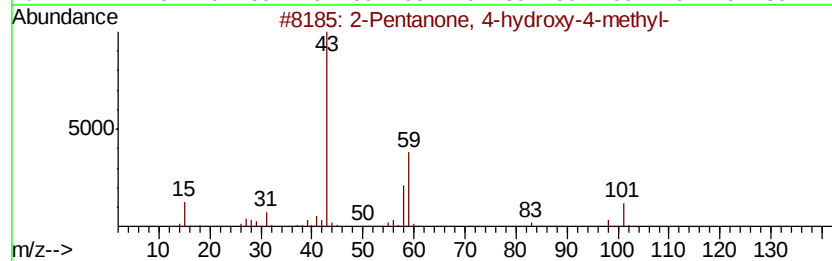
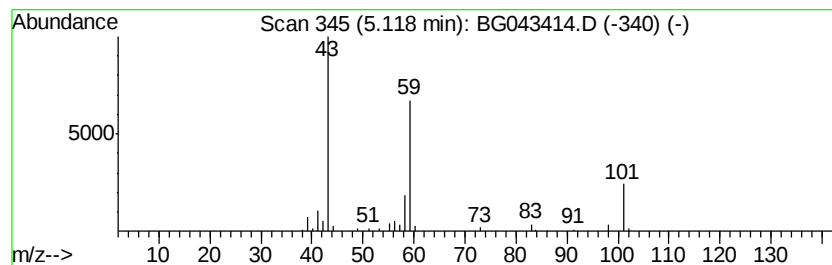
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Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.12	11.38 ng	137501	1,4-Dichlorobenzene-d4	8.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		1,3-Dioxane, 4,4-dimethyl-	116	C6H12O2	000766-15-4	25
3		1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	23
4		1,2-Butanediol	90	C4H10O2	000584-03-2	17
5		5-Hexen-2-one	98	C6H10O	000109-49-9	9



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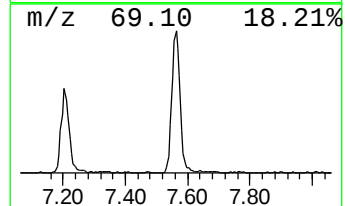
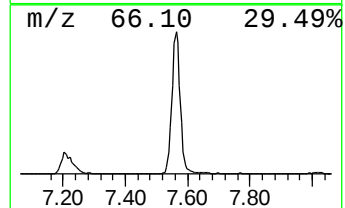
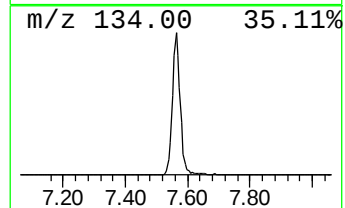
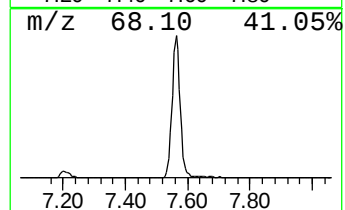
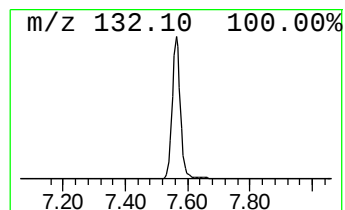
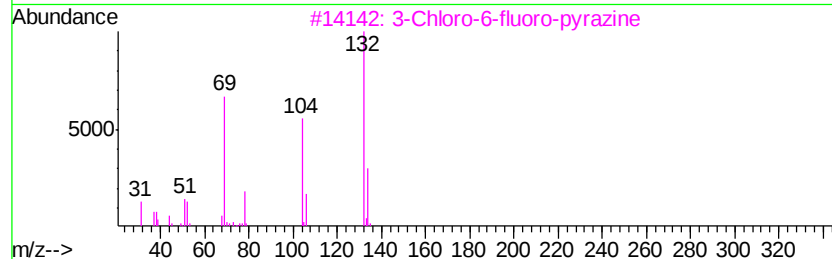
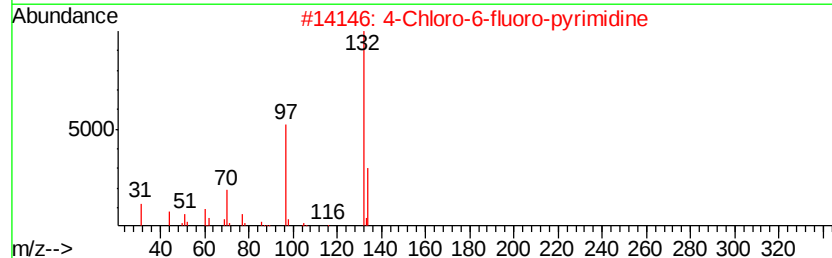
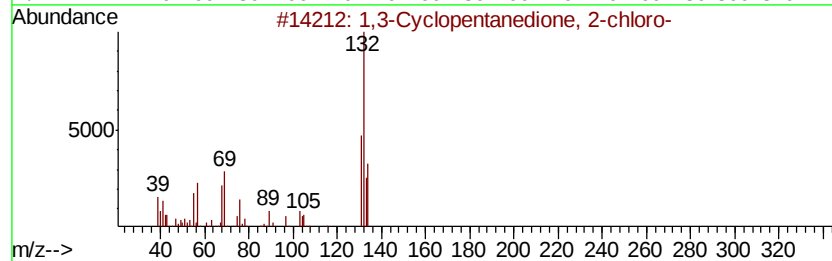
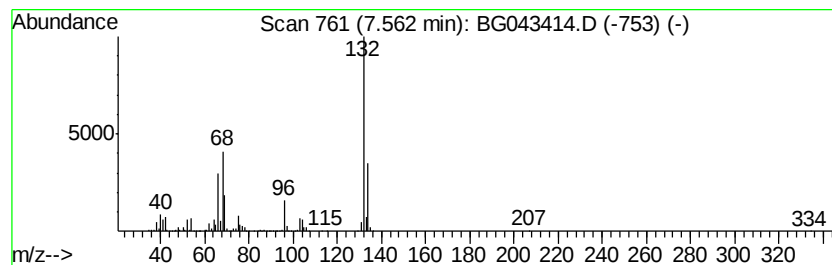
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TIC Library : C:\Database\NIST11.L
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Peak Number 3 unknown7.56 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.56	104.49 ng	1262910	1,4-Dichlorobenzene-d4	8.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	35
2		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	27
5		Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	25



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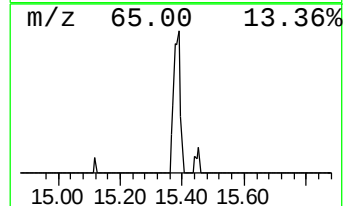
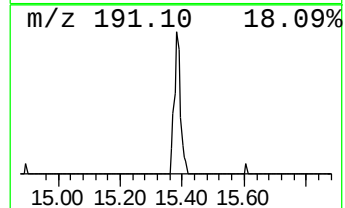
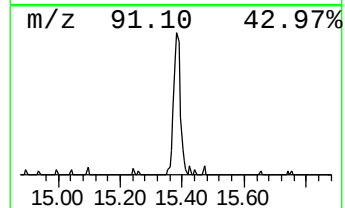
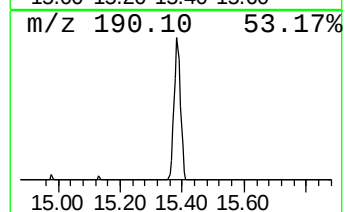
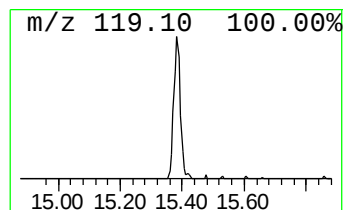
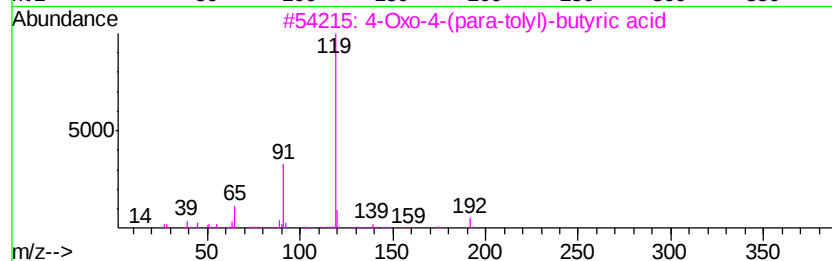
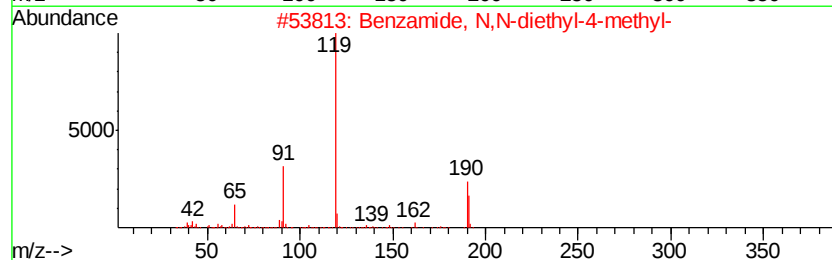
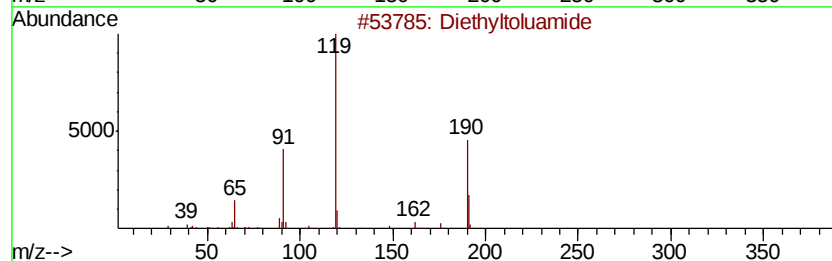
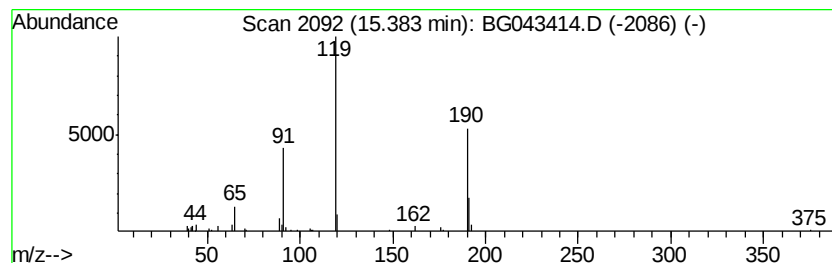
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Peak Number 5 Diethyltoluamide Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.38	2.04 ng	52071	Acenaphthene-d10	14.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Diethyltoluamide	191	C12H17NO	000134-62-3	97
2		Benzamide, N,N-diethyl-4-methyl-	191	C12H17NO	002728-05-4	81
3		4-Oxo-4-(para-tolyl)-butyric acid	192	C11H12O3	004619-20-9	52
4		Benzhydrazide, N2-(3,4-dihydroxy...	270	C15H14N2O3	304456-00-6	50
5		N-(m-Toluoyl)glycine	193	C10H11NO3	027115-49-7	50



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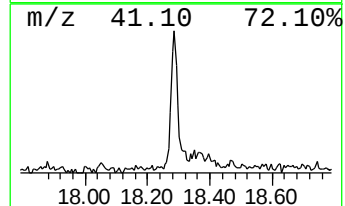
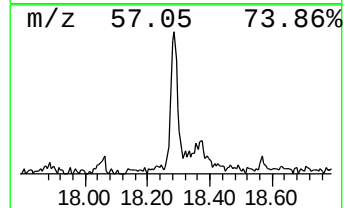
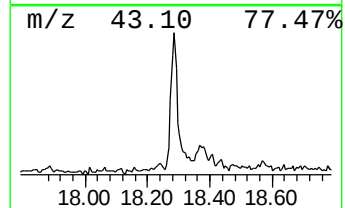
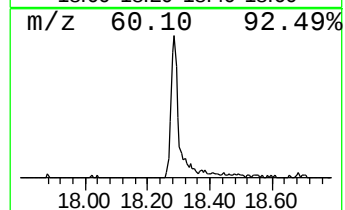
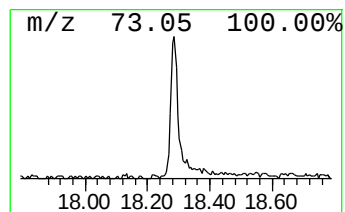
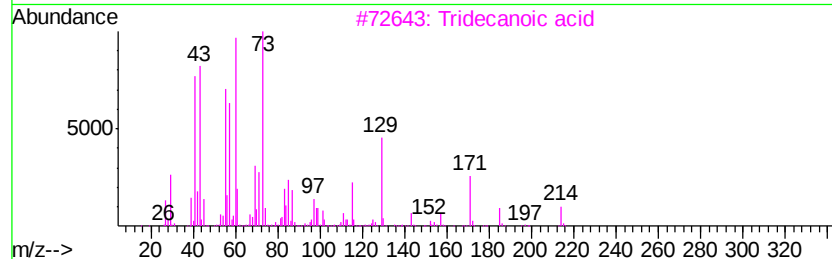
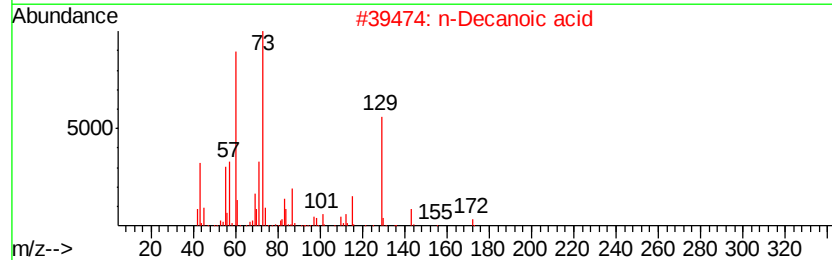
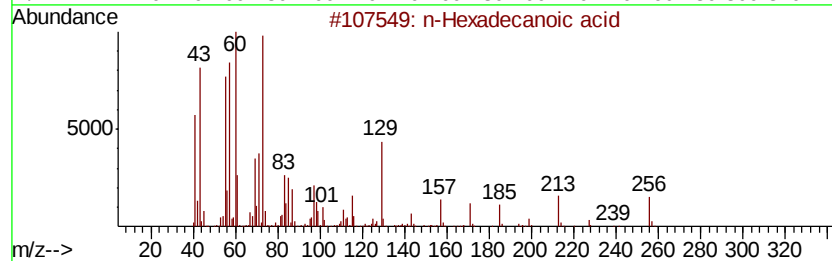
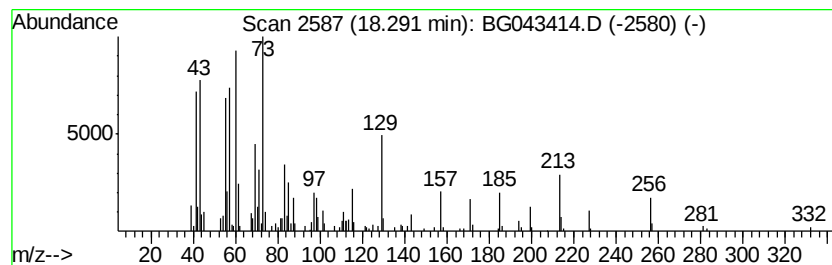
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Peak Number 6 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.29	7.08 ng	229126	Phenanthrene-d10	17.39

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		n-Decanoic acid	172	C10H20O2	000334-48-5	95
3		Tridecanoic acid	214	C13H26O2	000638-53-9	89
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	76
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	68



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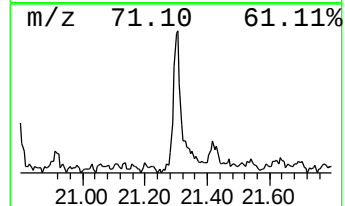
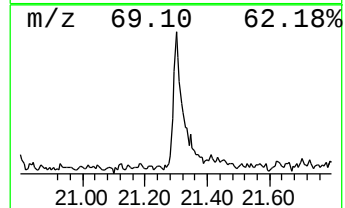
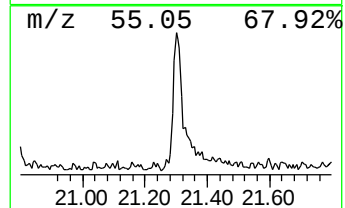
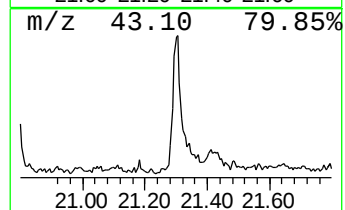
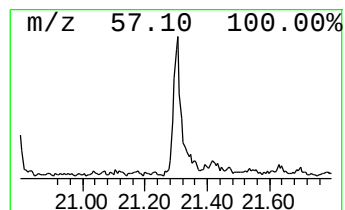
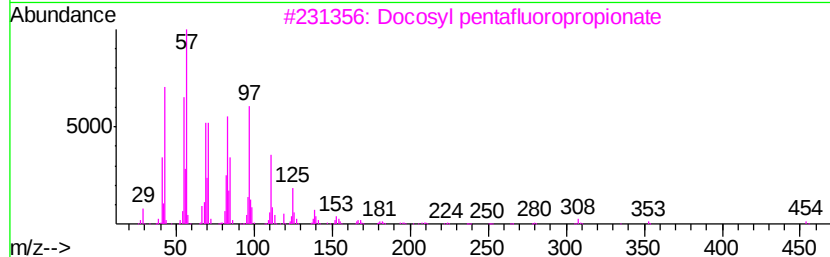
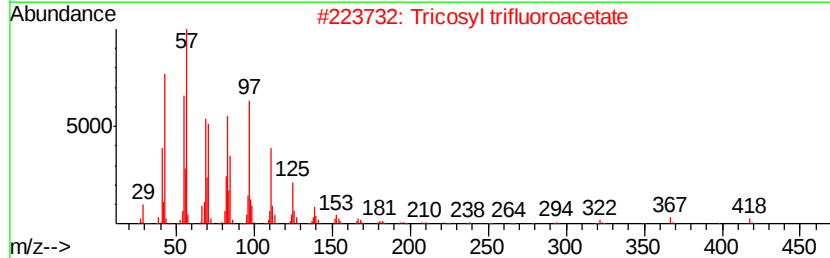
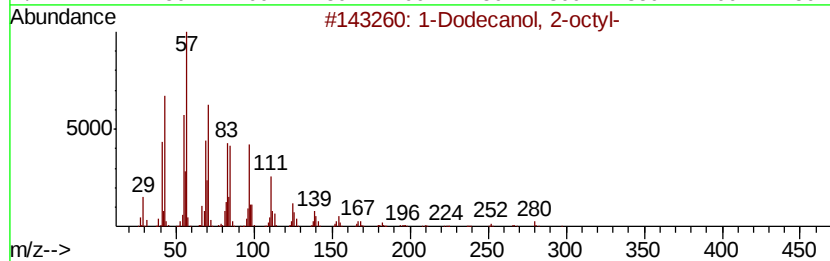
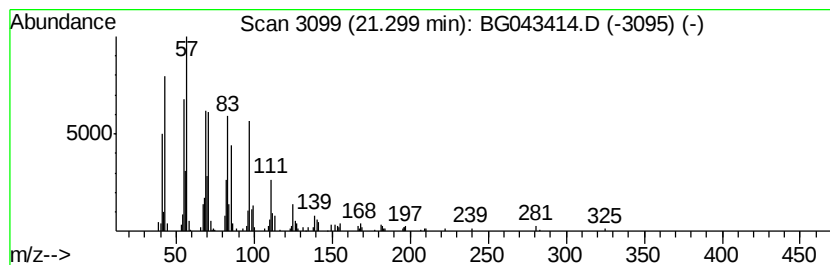
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ClientSampleId :
IDW-DECON-WATER-102519

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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 1-Dodecanol, 2-octyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.30	5.57 ng	224428	Chrysene-d12	21.66
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Dodecanol, 2-octyl-	298 C20H42O	005333-42-6	91
2	Tricosyl trifluoroacetate	436 C25H47F3O2	1000351-75-1	87
3	Docosyl pentafluoropropionate	472 C25H45F5O2	1000351-80-9	87
4	Oxalic acid, allyl hexadecyl ester	354 C21H38O4	1000309-24-4	87
5	Tricosyl pentafluoropropionate	486 C26H47F5O2	1000351-81-0	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103019\
Data File : BG043414.D
Acq On : 30 Oct 2019 23:46
Operator : JU
Sample : K5569-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
IDW-DECON-WATER-102519

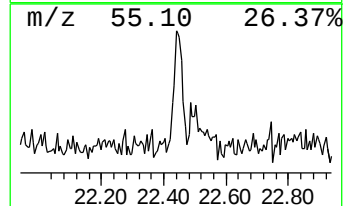
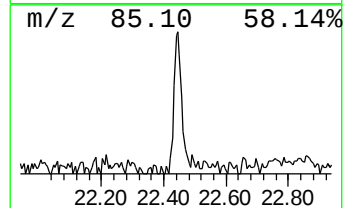
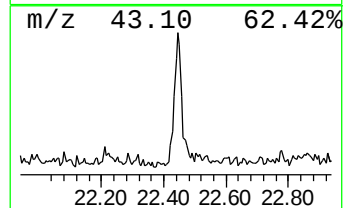
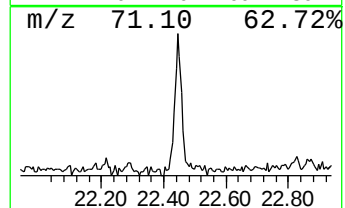
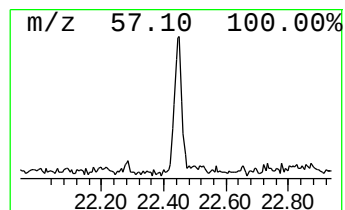
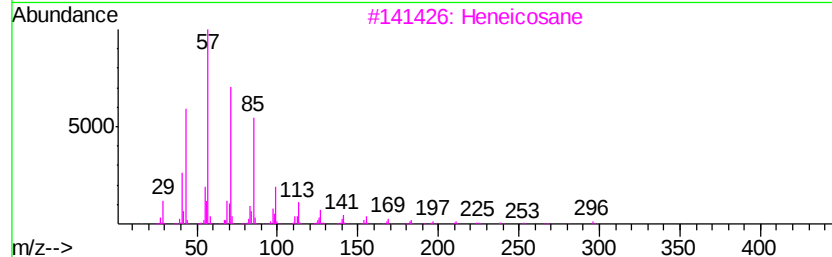
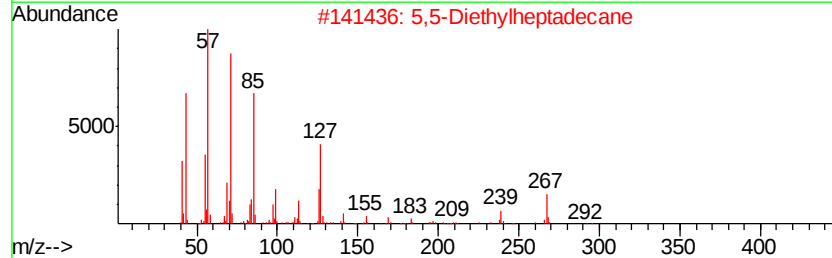
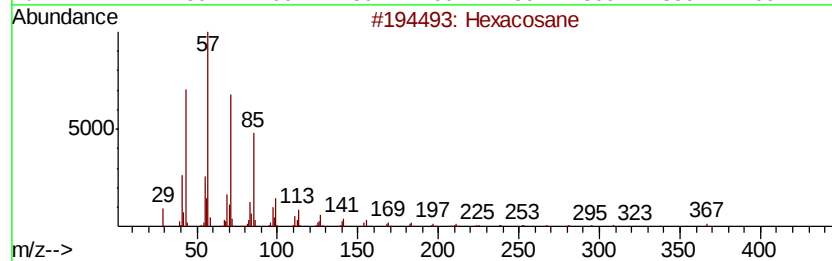
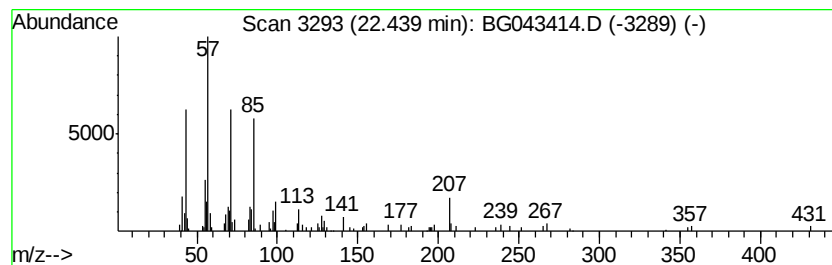
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Hexacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.44	2.12 ng	85386	Chrysene-d12	21.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	86
2		5,5-Diethylheptadecane	296	C21H44	1000360-41-7	86
3		Heneicosane	296	C21H44	000629-94-7	83
4		Heptadecane	240	C17H36	000629-78-7	80
5		Pentadecane	212	C15H32	000629-62-9	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103019\
Data File : BG043414.D
Acq On : 30 Oct 2019 23:46
Operator : JU
Sample : K5569-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
IDW-DECON-WATER-102519

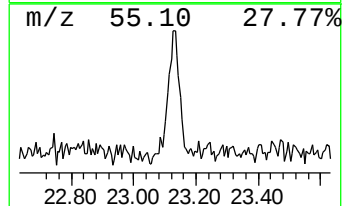
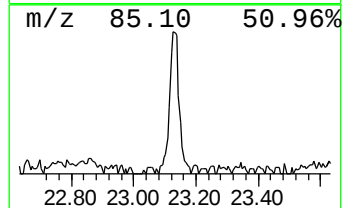
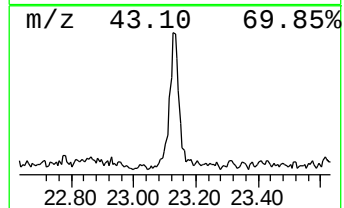
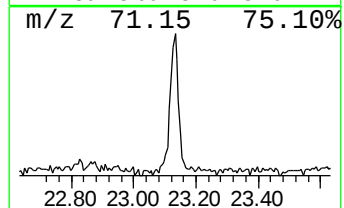
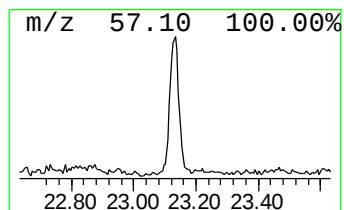
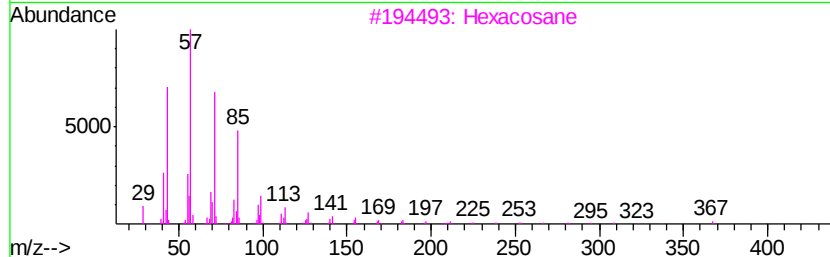
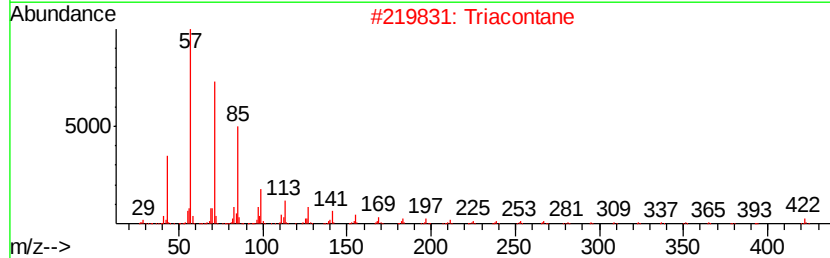
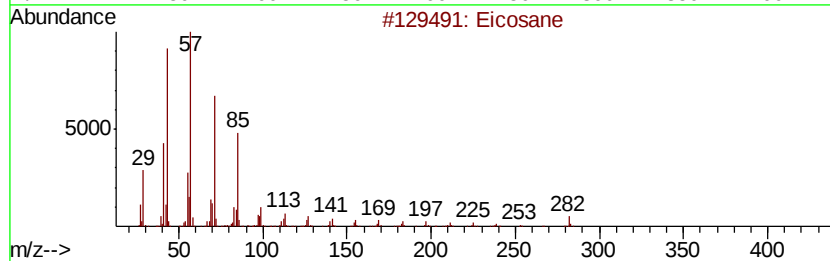
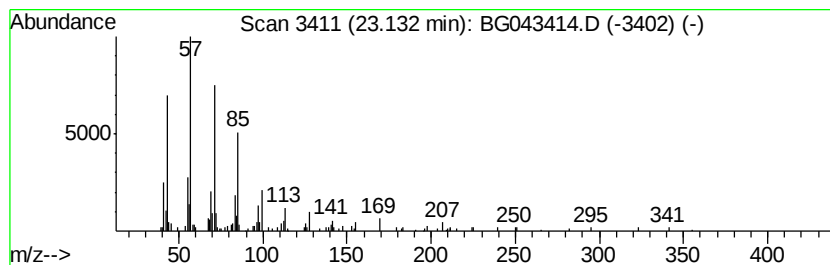
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.13	3.48 ng	140297	Chrysene-d12	21.66

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	93
2	Triacontane		422	C30H62	000638-68-6	91
3	Hexacosane		366	C26H54	000630-01-3	91
4	Nonadecane, 2-methyl-		282	C20H42	001560-86-7	90
5	Heptacosane		380	C27H56	000593-49-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103019\
Data File : BG043414.D
Acq On : 30 Oct 2019 23:46
Operator : JU
Sample : K5569-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
IDW-DECON-WATER-102519

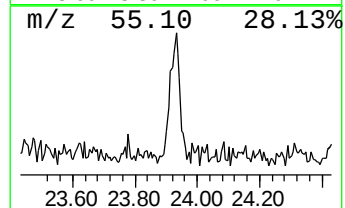
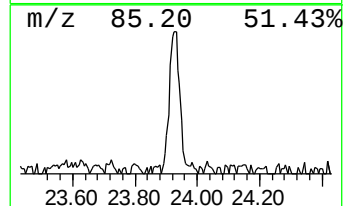
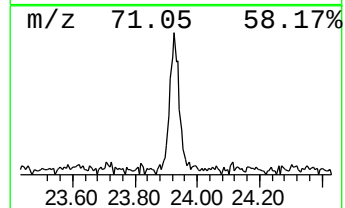
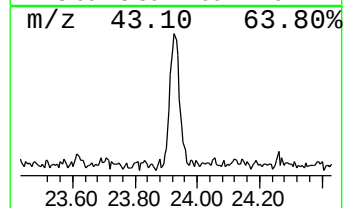
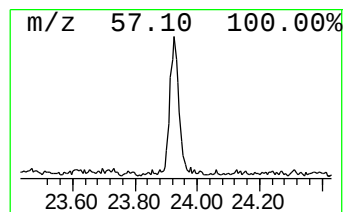
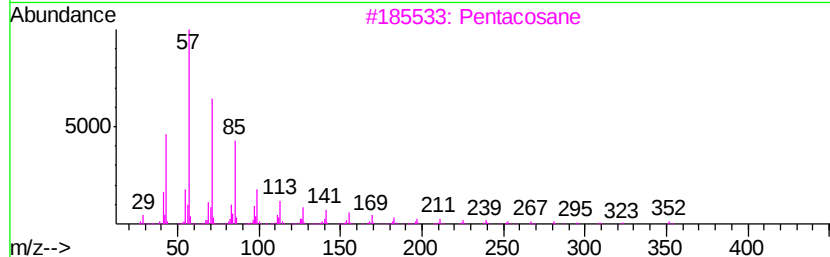
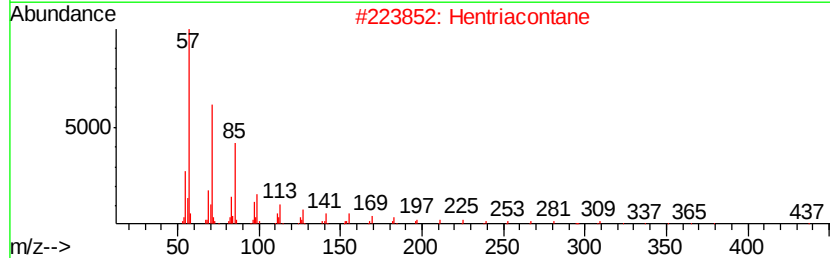
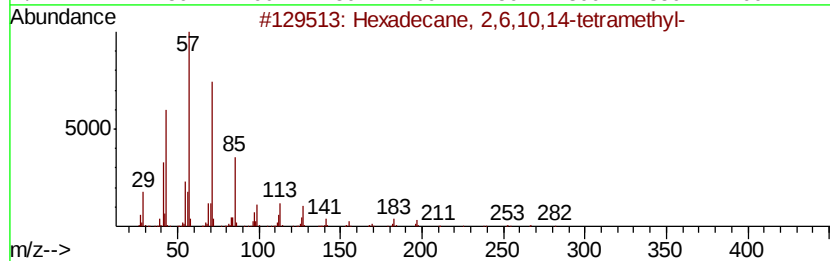
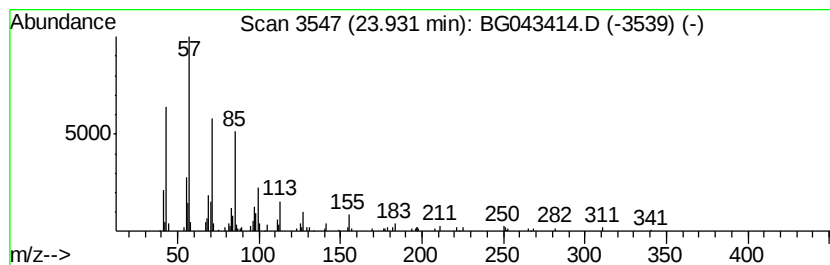
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Hexadecane, 2,6,10,14-tetra... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.93	2.57 ng	125011	Perylene-d12	24.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	94
2		Hentriacontane	437	C31H64	000630-04-6	94
3		Pentacosane	352	C25H52	000629-99-2	91
4		Tetratetracontane	619	C44H90	007098-22-8	91
5		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG103019\
Data File : BG043414.D
Acq On : 30 Oct 2019 23:46
Operator : JU
Sample : K5569-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
IDW-DECON-WATER-102519

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.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...	3.19	106.2	ng	1283390	1	8.02	241724	20.0
2-Pentanone, 4-hy...	5.12	11.4	ng	137501	1	8.02	241724	20.0
unknown7.56	7.56	104.5	ng	1262910	1	8.02	241724	20.0
Diethyltoluamide	15.38	2.0	ng	52071	3	14.65	509308	20.0
n-Hexadecanoic acid	18.29	7.1	ng	229126	4	17.39	647453	20.0
1-Dodecanol, 2-oc...	21.30	5.6	ng	224428	5	21.66	805730	20.0
Hexacosane	22.44	2.1	ng	85386	5	21.66	805730	20.0
Eicosane	23.13	3.5	ng	140297	5	21.66	805730	20.0
Hexadecane, 2,6,1...	23.93	2.6	ng	125011	6	24.85	973998	20.0