

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\
 Data File : BG045074.D
 Acq On : 18 Apr 2020 19:41
 Operator : CG/JU
 Sample : L2271-04
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BG-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-BG041520.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	3.124	3	6	14	rVB2	40229	68810	1.66%	0.289%
2	3.195	14	18	24	rVB	29125	44315	1.07%	0.186%
3	5.591	417	426	438	rBV	651812	1067947	25.77%	4.482%
4	6.719	611	618	625	rVB2	63848	108865	2.63%	0.457%
5	7.183	688	697	709	rBV2	742882	1352782	32.64%	5.678%
6	8.018	831	839	846	rBV	190742	333748	8.05%	1.401%
7	8.347	883	895	904	rVB	591886	1048637	25.31%	4.401%
8	9.175	1029	1036	1050	rBV	514988	943755	22.77%	3.961%
9	10.826	1308	1317	1331	rBV	275937	547376	13.21%	2.297%
10	13.281	1723	1735	1744	rBV	1596762	2620673	63.24%	10.999%
11	14.103	1868	1875	1885	rBV	195108	300685	7.26%	1.262%
12	14.656	1962	1969	1978	rBV	526072	850529	20.52%	3.570%
13	16.142	2212	2222	2230	rBV	1572054	2419253	58.38%	10.154%
14	17.399	2429	2436	2448	rVB	705046	1099028	26.52%	4.613%
15	18.298	2583	2589	2598	rBV3	72742	138072	3.33%	0.580%
16	19.813	2842	2847	2856	rVB4	49116	100301	2.42%	0.421%
17	20.013	2874	2881	2887	rBV	2944806	4143974	100.00%	17.393%
18	20.154	2901	2905	2910	rBV7	55633	81173	1.96%	0.341%
19	20.225	2913	2917	2921	rBV5	30447	49619	1.20%	0.208%
20	20.483	2957	2961	2968	rVB9	32211	50237	1.21%	0.211%
21	20.648	2985	2989	2994	rBV4	131800	185613	4.48%	0.779%
22	20.753	3003	3007	3011	rVB	84208	103354	2.49%	0.434%
23	21.047	3054	3057	3064	rVB8	29423	42820	1.03%	0.180%
24	21.317	3098	3103	3115	rBV	420035	652392	15.74%	2.738%
25	21.664	3155	3162	3172	rVB2	661134	1141788	27.55%	4.792%
26	21.875	3195	3198	3203	rBV4	43783	58147	1.40%	0.244%
27	22.498	3298	3304	3313	rVB2	346062	667868	16.12%	2.803%
28	23.168	3415	3418	3422	rBV5	40678	57924	1.40%	0.243%
29	23.514	3472	3477	3483	rBV9	30839	65317	1.58%	0.274%
30	23.972	3549	3555	3561	rBV2	104485	242342	5.85%	1.017%
31	24.031	3561	3565	3571	rVB3	60358	122249	2.95%	0.513%
32	24.848	3693	3704	3713	rBV2	393783	1170918	28.26%	4.915%
33	26.052	3901	3909	3918	rVB4	104047	295423	7.13%	1.240%
34	26.164	3920	3928	3941	rVB4	140843	455945	11.00%	1.914%

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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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35	27.391	4131	4137	4145	rBV4	27394	86471	2.09%	0.363%
36	28.173	4262	4270	4279	rBV4	29422	112706	2.72%	0.473%
37	29.036	4409	4417	4418	rBV8	59018	130155	3.14%	0.546%
38	30.146	4592	4606	4627	rBV10	173058	864325	20.86%	3.628%

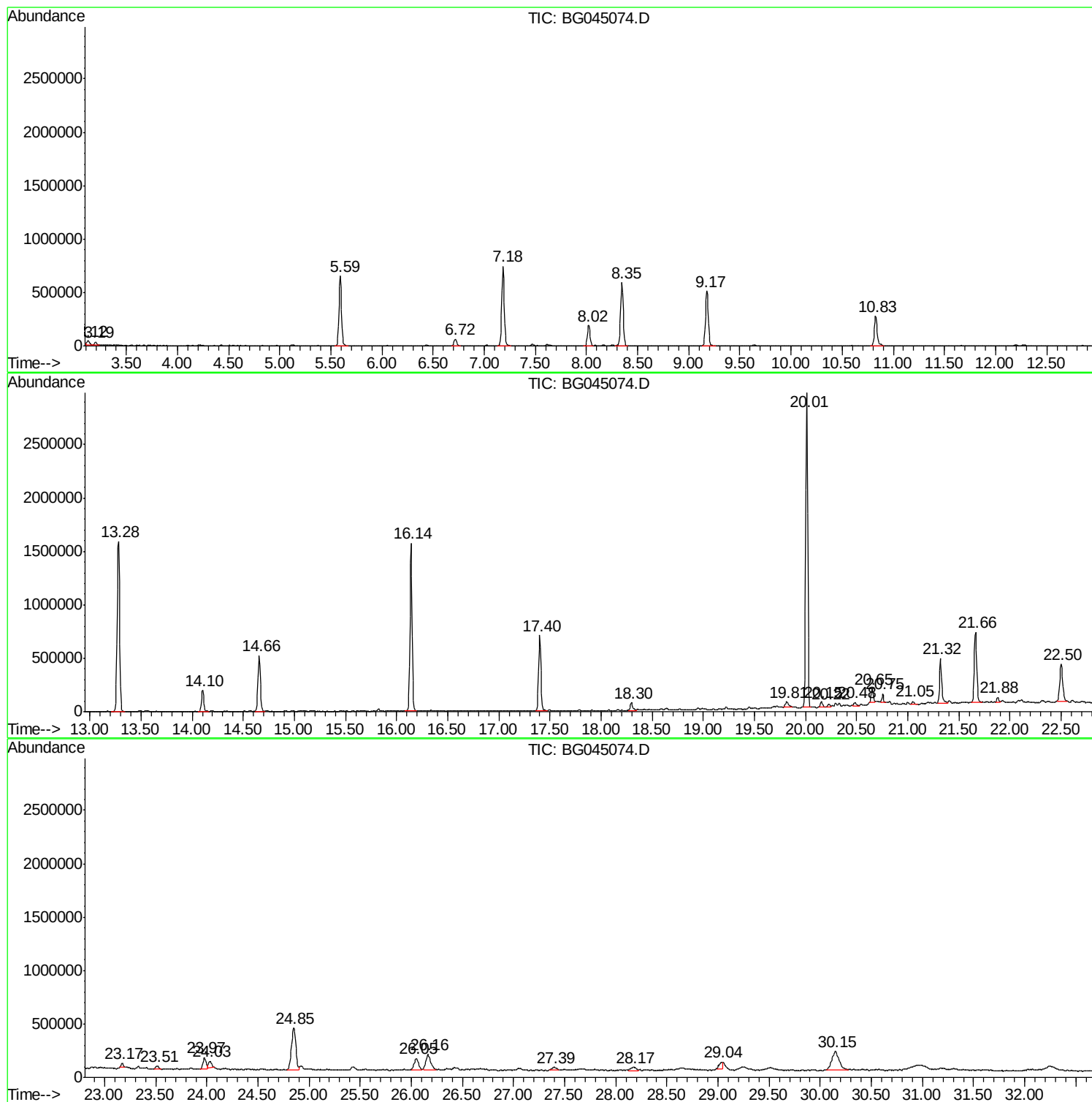
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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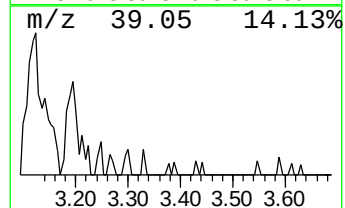
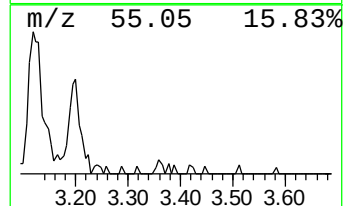
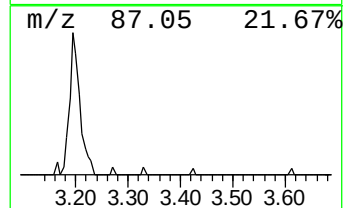
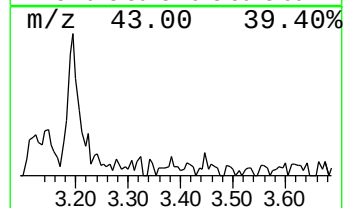
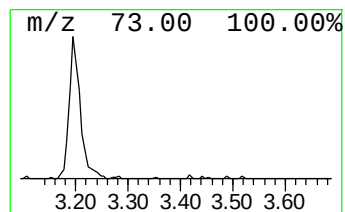
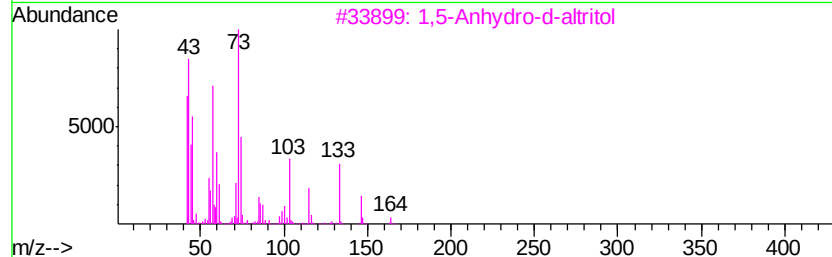
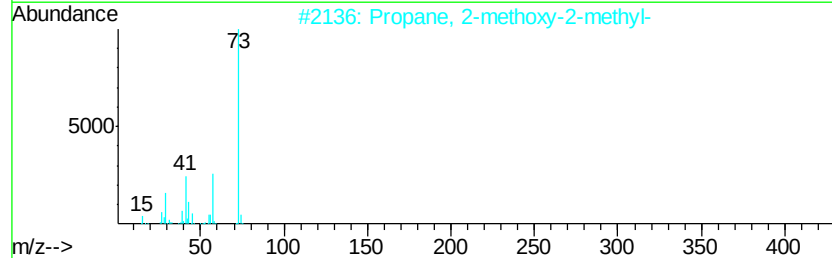
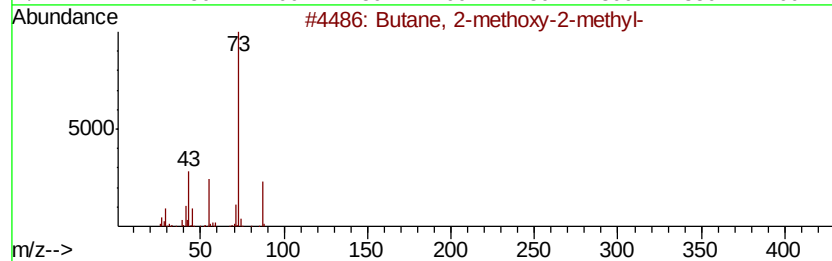
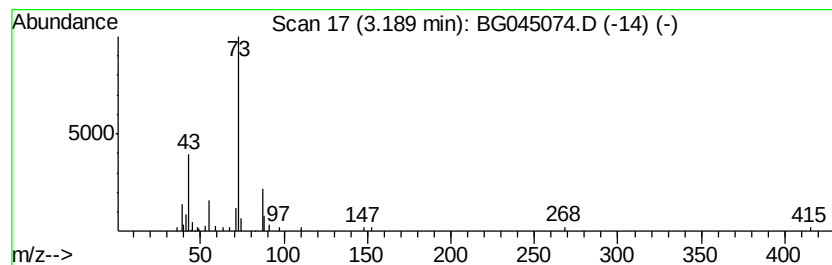
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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Peak Number 2 unknown3.19 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.19	2.66 ng	44315	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	39
2		Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
3		1,5-Anhydro-d-altritol	164	C6H12O5	027518-98-5	9
4		2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	9
5		N-Ethylformamide	73	C3H7NO	000627-45-2	7



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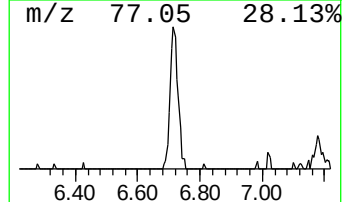
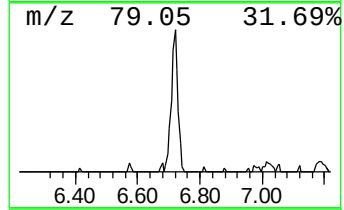
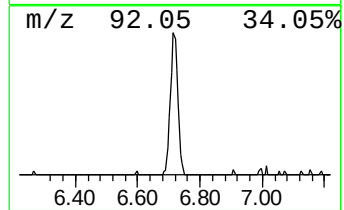
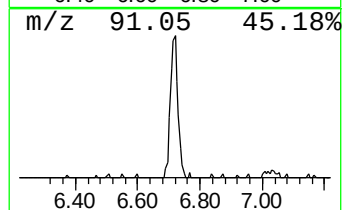
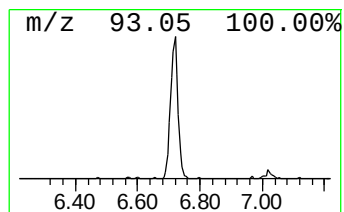
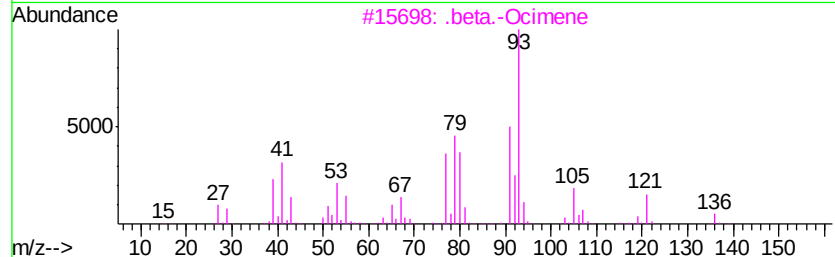
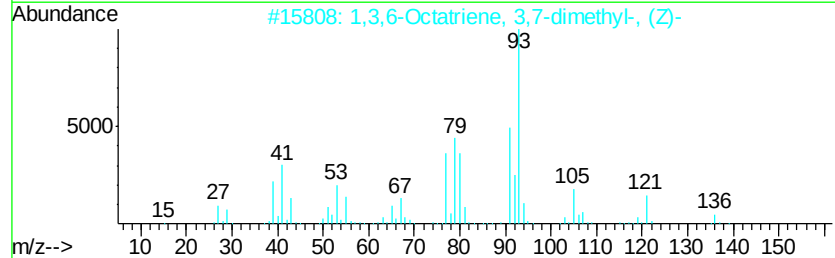
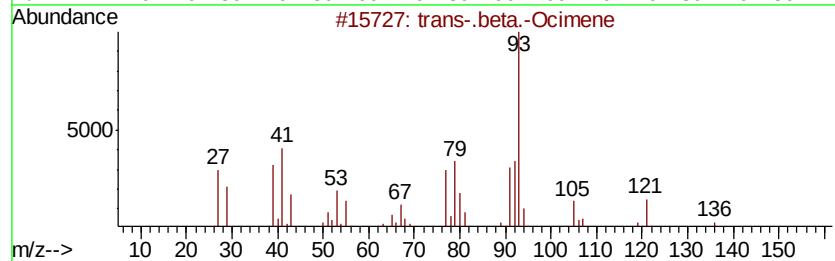
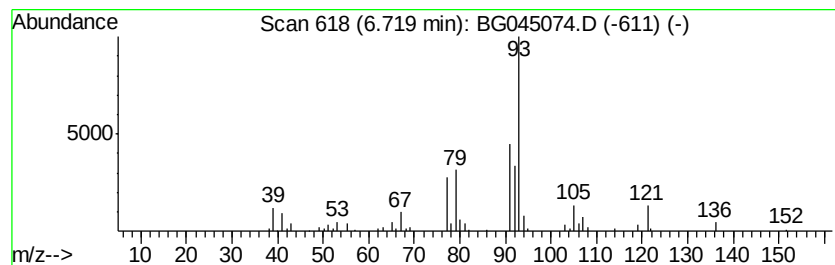
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TIC Library : C:\Database\NIST11.L
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Peak Number 3 trans-.beta.-Ocimene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	6.52 ng	108865	1,4-Dichlorobenzene-d4	8.02

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans-.beta.-Ocimene	136	C10H16	003779-61-1	94
2			1,3,6-Octatriene, 3,7-dimethyl-, ...	136	C10H16	003338-55-4	93
3			.beta.-Ocimene	136	C10H16	013877-91-3	93
4			3-Carene	136	C10H16	013466-78-9	91
5			(+)-4-Carene	136	C10H16	029050-33-7	91



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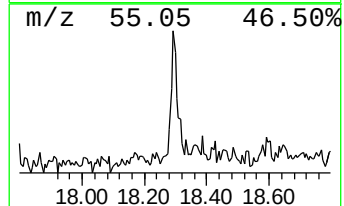
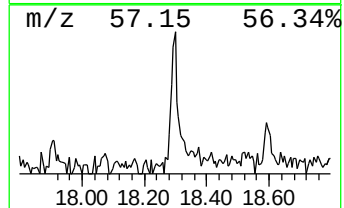
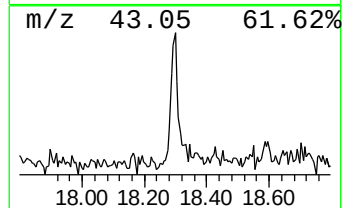
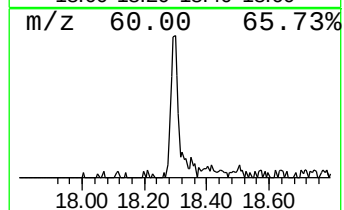
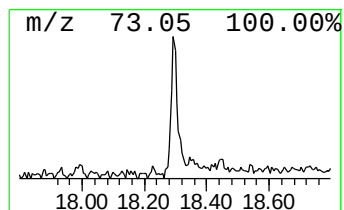
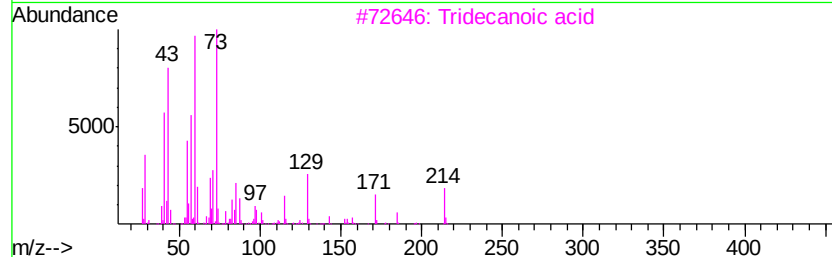
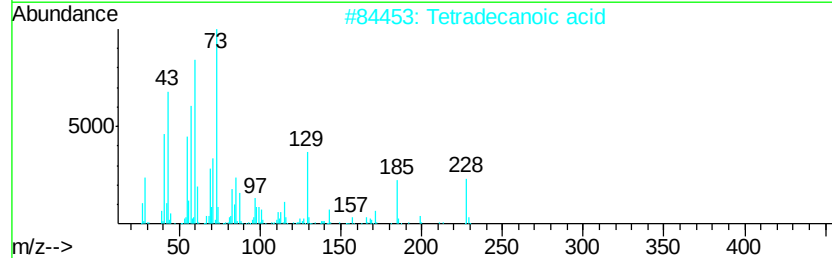
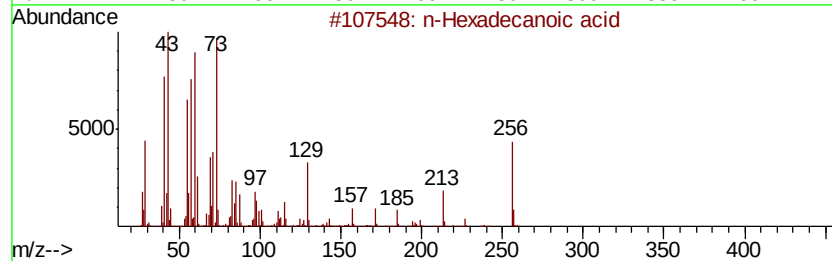
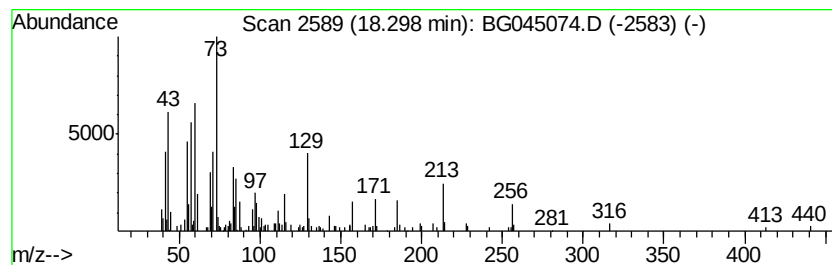
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TIC Library : C:\Database\NIST11.L
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 Peak Number 5 n-Hexadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.30	2.51 ng	138072	Phenanthrene-d10	17.40	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	95
3	Tridecanoic acid	214	C13H26O2	000638-53-9	93
4	Octadecanoic acid	284	C18H36O2	000057-11-4	64
5	n-Decanoic acid	172	C10H20O2	000334-48-5	64



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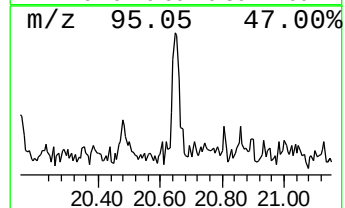
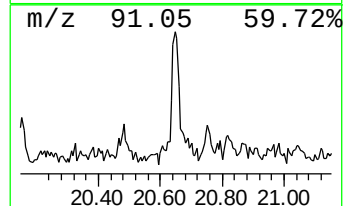
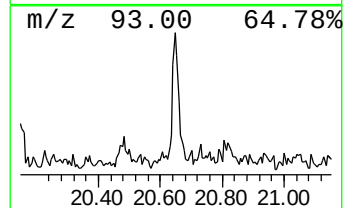
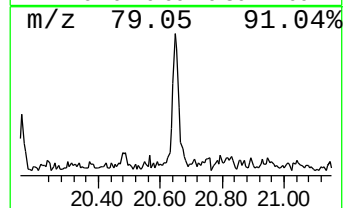
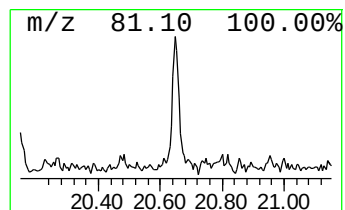
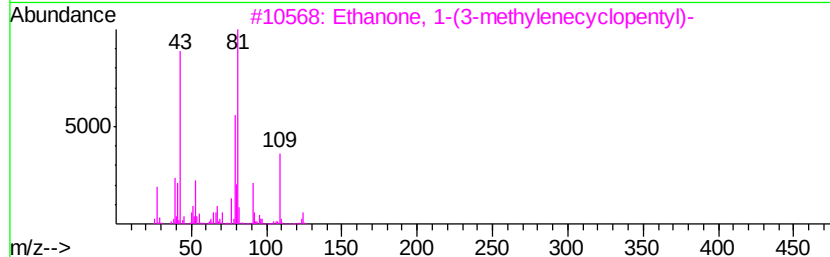
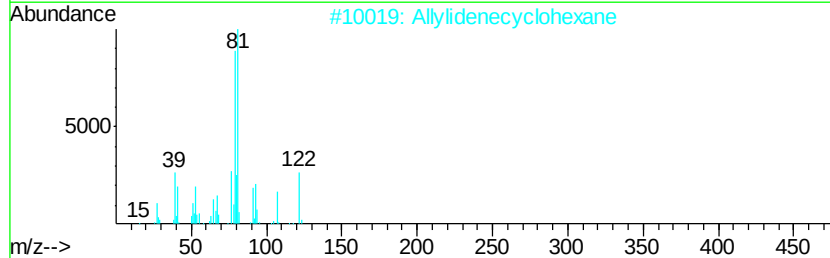
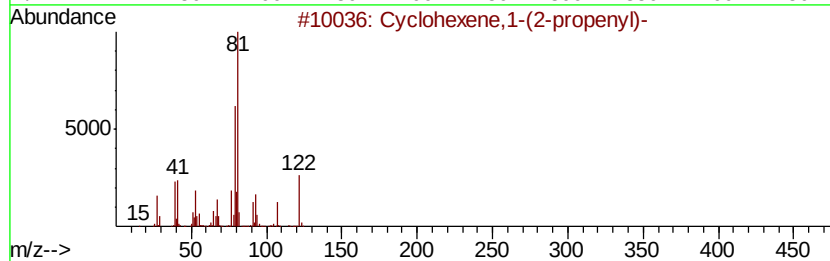
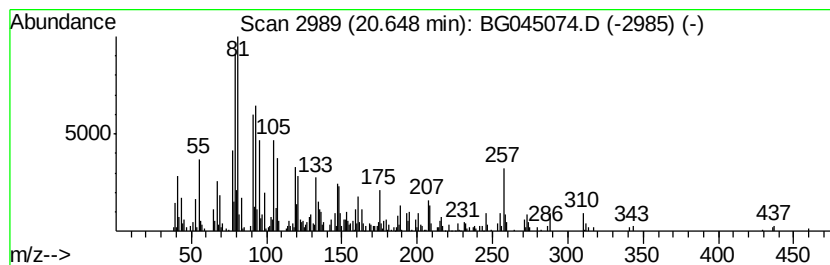
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TIC Library : C:\Database\NIST11.L
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Peak Number 6 unknown20.65 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.65	3.25 ng	185613	Chrysene-d12	21.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexene,1-(2-propenyl)-	122	C9H14	013511-13-2	43
2		Allylidene cyclohexane	122	C9H14	005664-10-8	38
3		Ethanone, 1-(3-methylenecyclopentyl)-	124	C8H12O	054829-98-0	27
4		1,3,5,8-Undecatetraene	148	C11H16	050277-31-1	20
5		Cyclohexene,3-(2-propenyl)-	122	C9H14	015232-95-8	18



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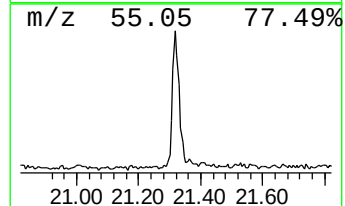
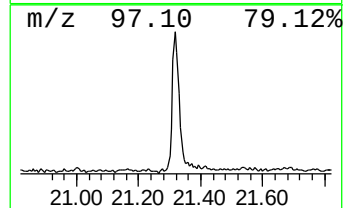
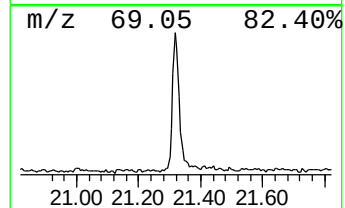
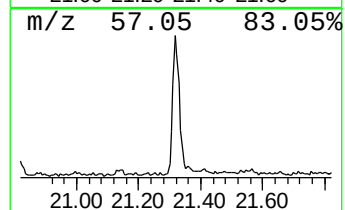
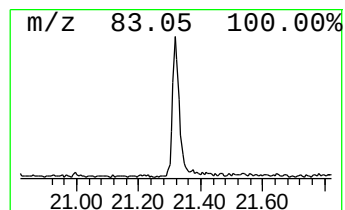
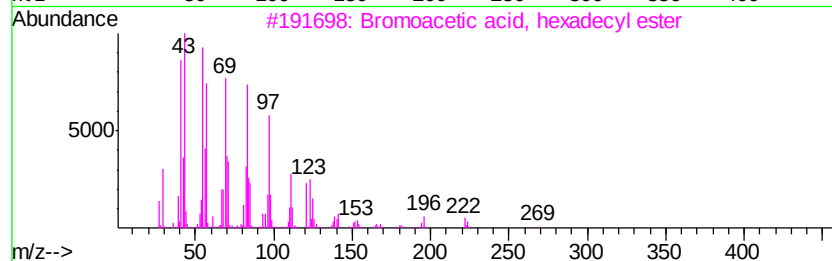
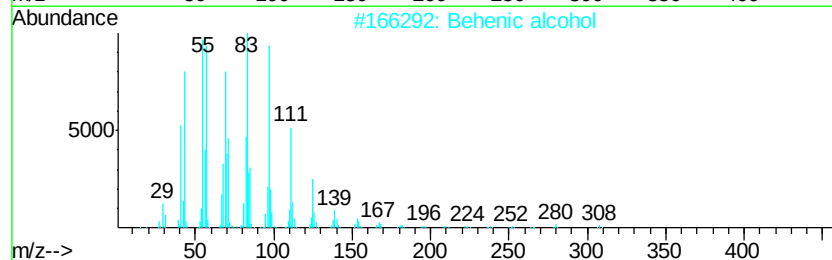
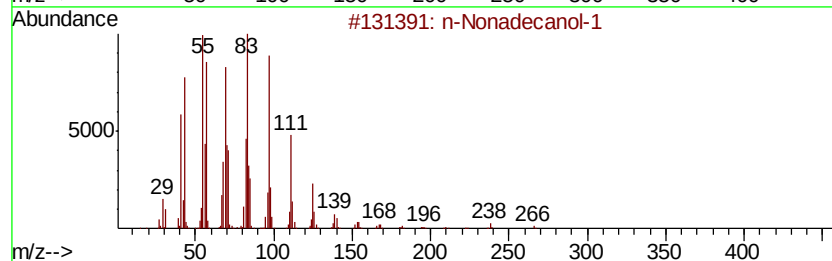
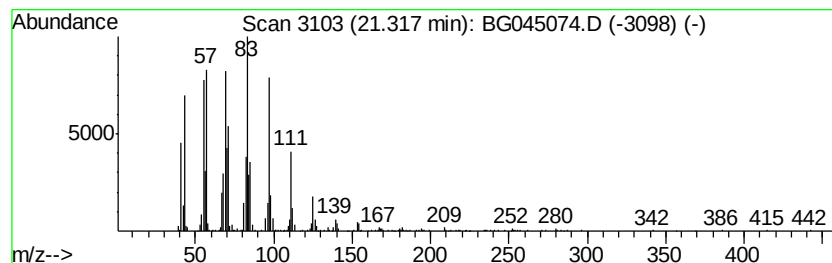
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Peak Number 7 n-Nonadecanol-1 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.32	11.43 ng	652392	Chrysene-d12	21.66

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Nonadecanol-1	284	C19H40O	001454-84-8	93	
2	Behenic alcohol	326	C22H46O	000661-19-8	92	
3	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	91	
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91	
5	9-Eicosene, (E)-	280	C20H40	074685-29-3	91	



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\
Data File : BG045074.D
Acq On : 18 Apr 2020 19:41
Operator : CG/JU
Sample : L2271-04
Misc :
ALS Vial : 45 Sample Multiplier: 1

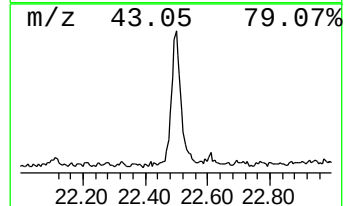
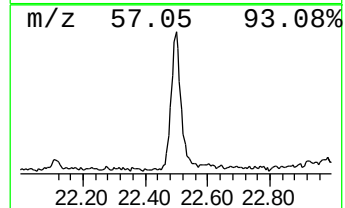
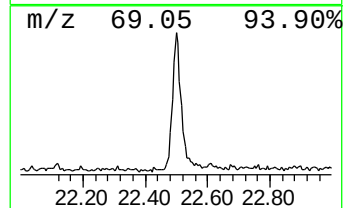
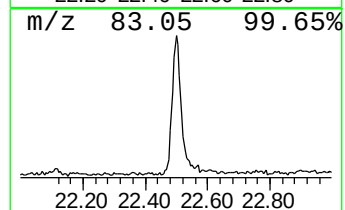
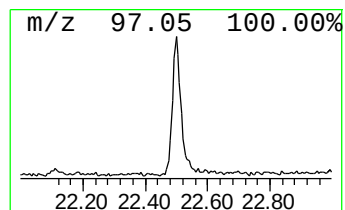
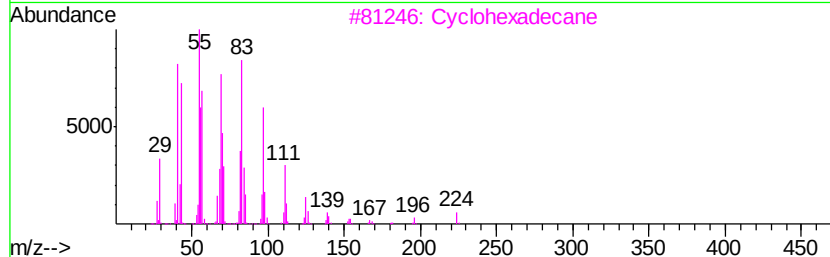
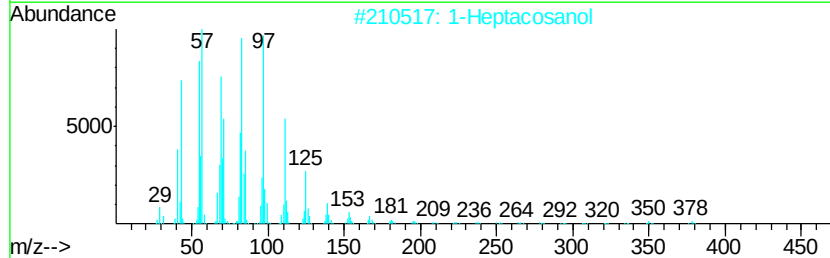
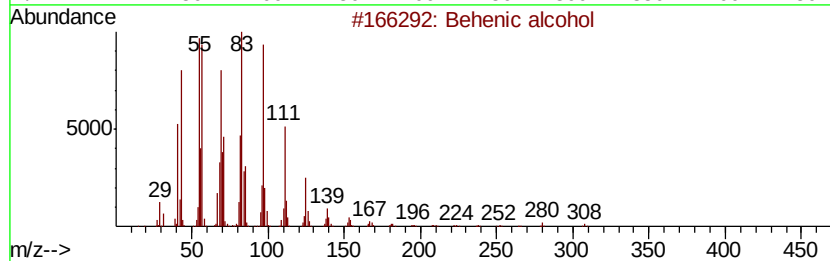
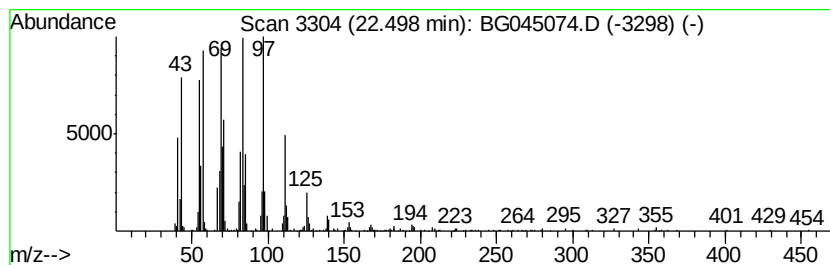
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BNA_G
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Behenic alcohol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
22.50	11.70 ng	667868	Chrysene-d12	21.66	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	94
2	1-Heptacosanol	396	C27H56O	002004-39-9	93
3	Cyclohexadecane	224	C16H32	000295-65-8	87
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	87
5	1-Heneicosyl formate	340	C22H44O2	077899-03-7	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\
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Sample : L2271-04
Misc :
ALS Vial : 45 Sample Multiplier: 1

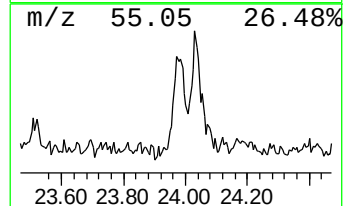
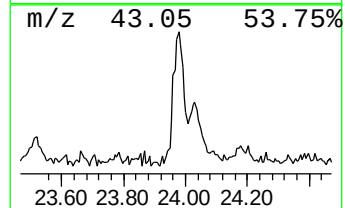
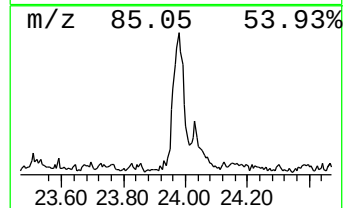
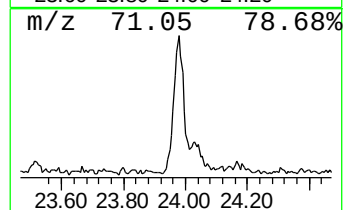
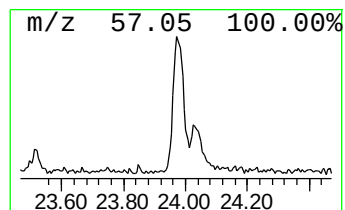
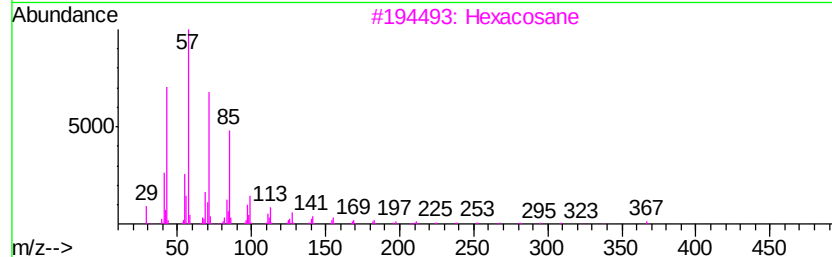
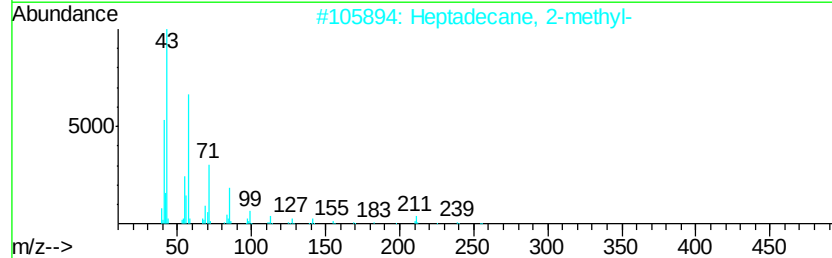
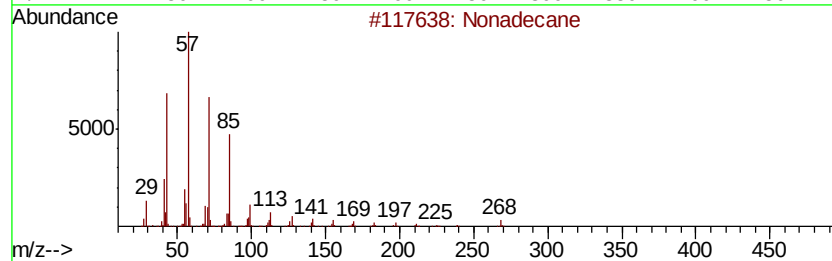
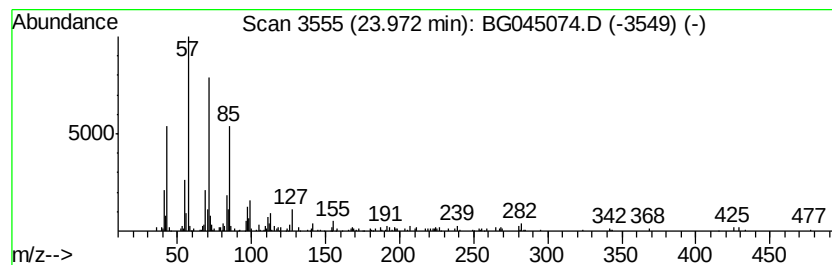
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Nonadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.97	4.14 ng	242342	Perylene-d12	24.85
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Nonadecane		268 C19H40	000629-92-5 93
2	Heptadecane, 2-methyl-		254 C18H38	001560-89-0 91
3	Hexacosane		366 C26H54	000630-01-3 91
4	Hexatriacontane		507 C36H74	000630-06-8 90
5	Eicosane, 9-octyl-		394 C28H58	013475-77-9 90



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\
 Data File : BG045074.D
 Acq On : 18 Apr 2020 19:41
 Operator : CG/JU
 Sample : L2271-04
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

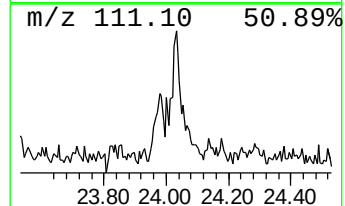
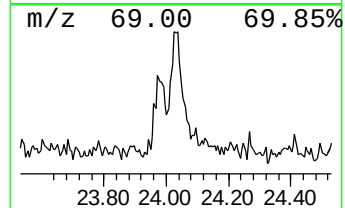
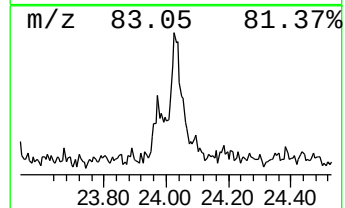
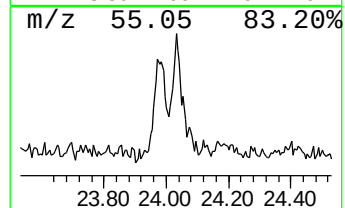
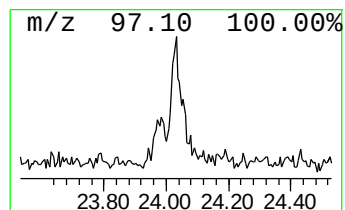
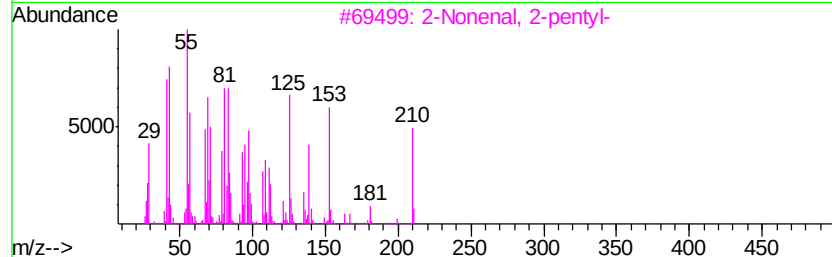
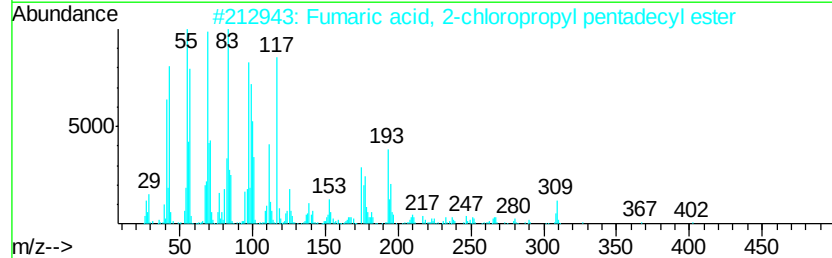
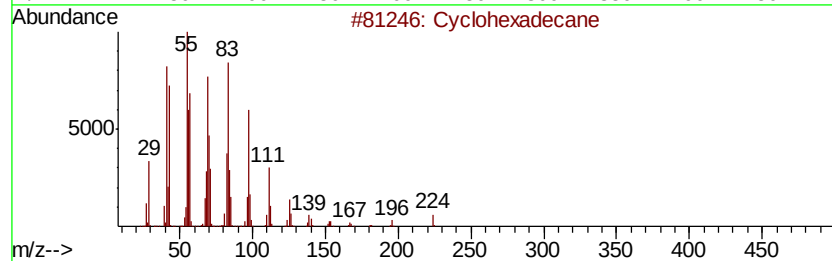
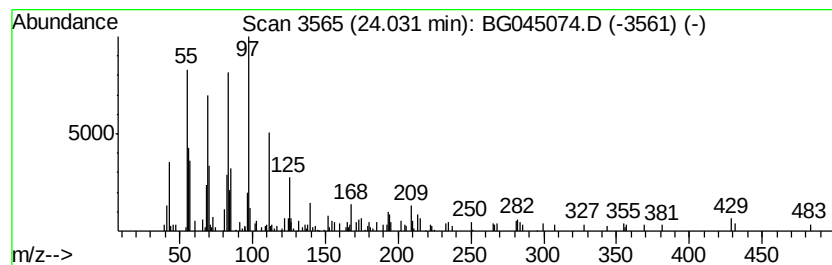
Instrument :
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 ClientSampleId :
 BG-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 10 Cyclohexadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.03	2.09 ng	122249	Perylene-d12	24.85
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexadecane	224 C16H32	000295-65-8 50
2		Fumaric acid, 2-chloropropyl pen...	402 C22H39ClO4	1000348-57-2 46
3		2-Nonenal, 2-pentyl-	210 C14H26O	003021-89-4 43
4		Cyclohexane, 1-methyl-2-pentyl-	168 C12H24	054411-01-7 25
5		6-Dodecene, (Z)-	168 C12H24	007206-29-3 25



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\
Data File : BG045074.D
Acq On : 18 Apr 2020 19:41
Operator : CG/JU
Sample : L2271-04
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BG-4

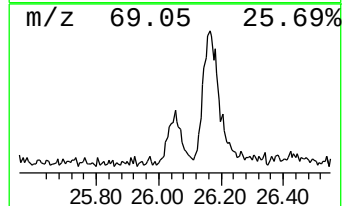
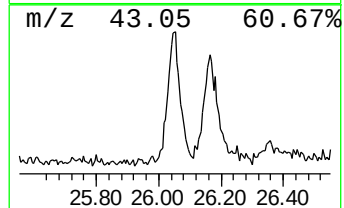
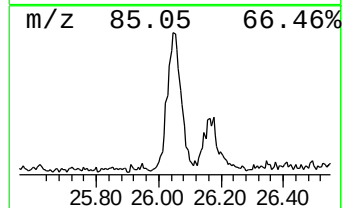
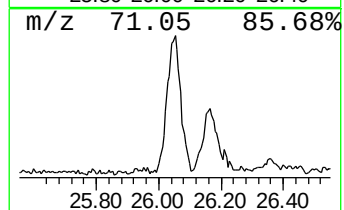
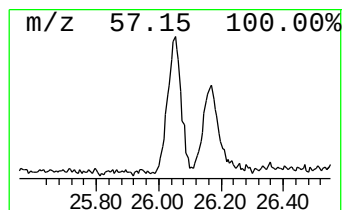
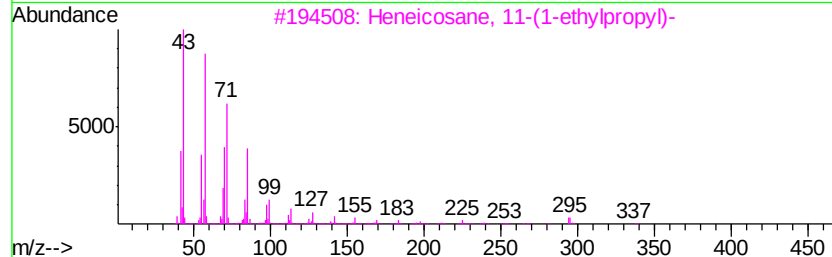
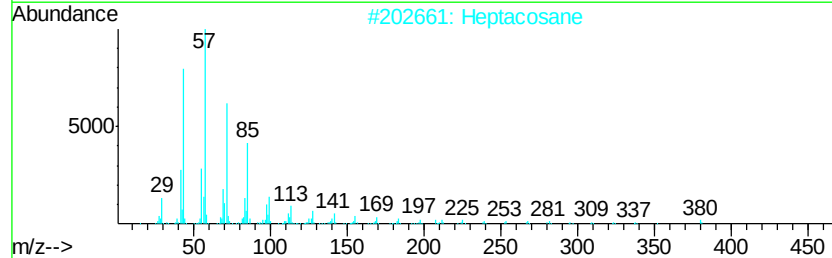
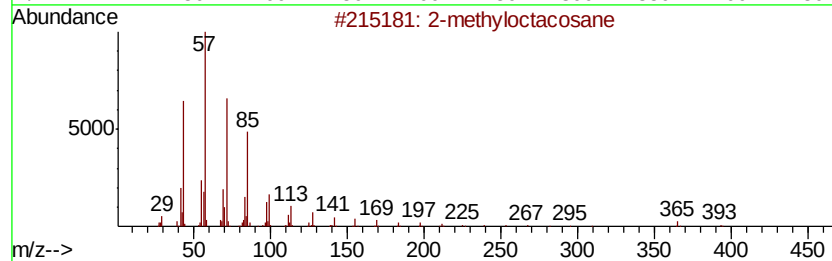
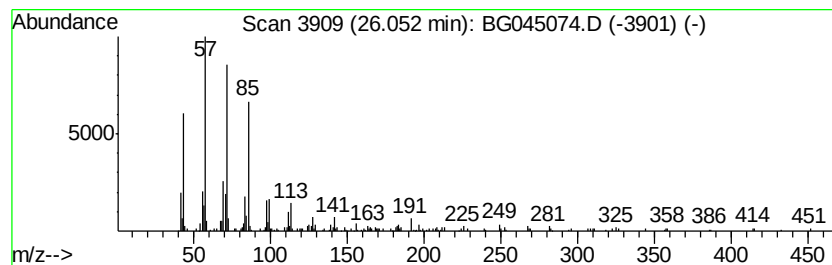
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 2-methyloctacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.05	5.05 ng	295423	Perylene-d12	24.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-methyloctacosane	408	C29H60	1000376-72-8	87
2			Heptacosane	380	C27H56	000593-49-7	87
3			Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	87
4			Hexacosane	366	C26H54	000630-01-3	86
5			Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\
Data File : BG045074.D
Acq On : 18 Apr 2020 19:41
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Sample : L2271-04
Misc :
ALS Vial : 45 Sample Multiplier: 1

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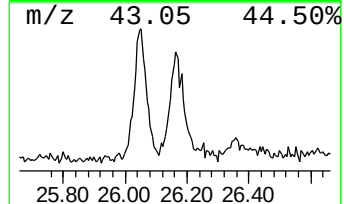
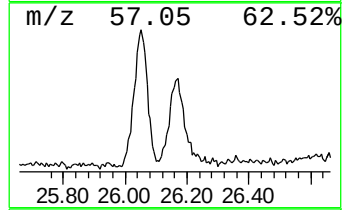
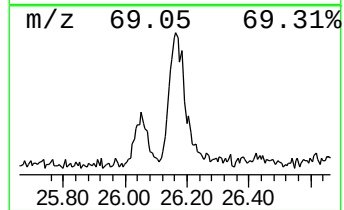
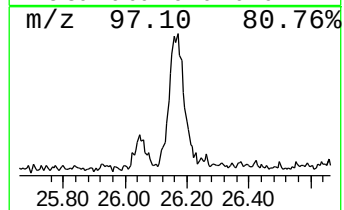
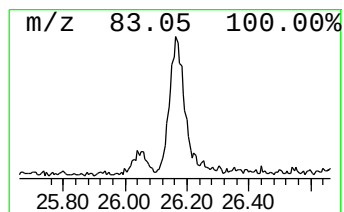
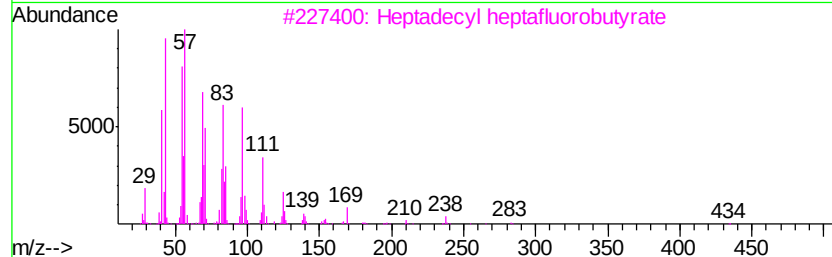
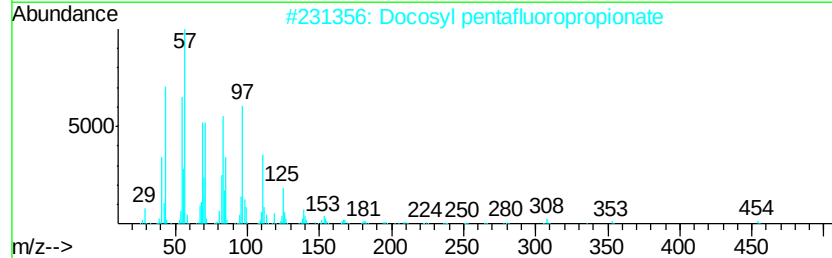
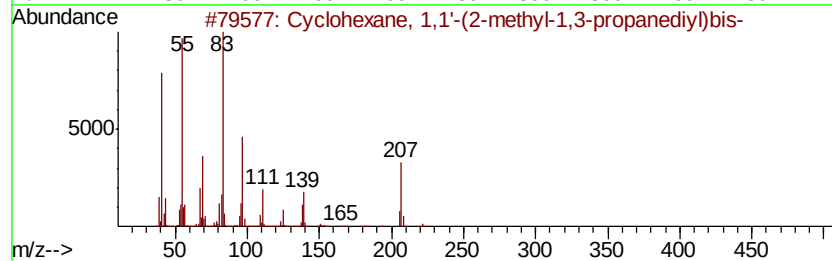
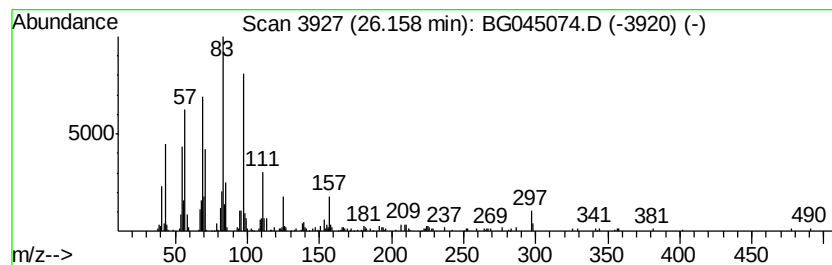
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown26.16 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.16	7.79 ng	455945	Perylene-d12	24.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,1'-(2-methyl-1,3-...	222	C16H30	002883-08-1	49
2		Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	45
3		Heptadecyl heptafluorobutvrate	452	C21H35F7O2	959085-66-6	38
4		Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	38
5		1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\
Data File : BG045074.D
Acq On : 18 Apr 2020 19:41
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Sample : L2271-04
Misc :
ALS Vial : 45 Sample Multiplier: 1

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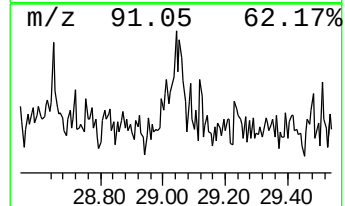
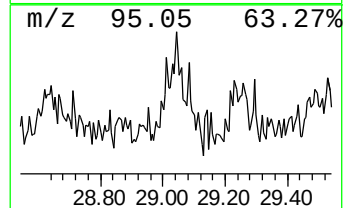
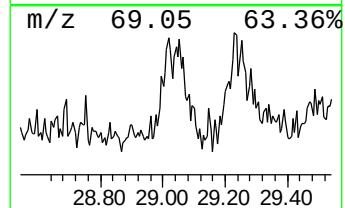
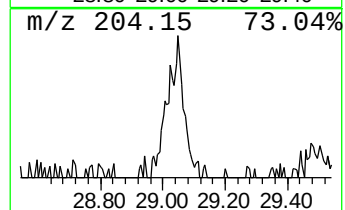
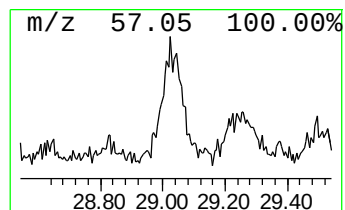
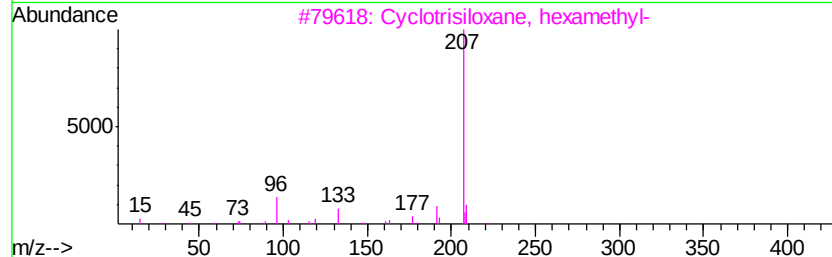
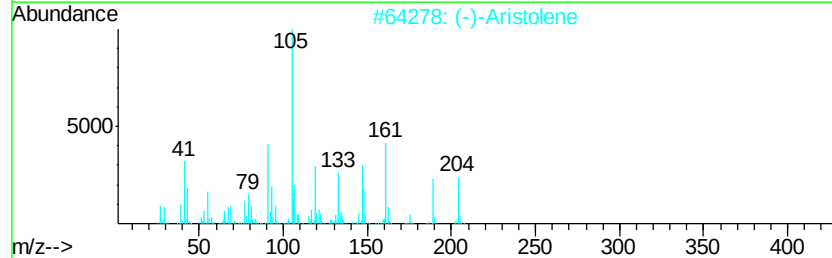
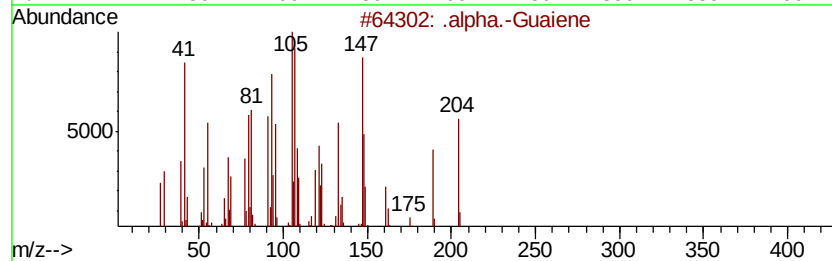
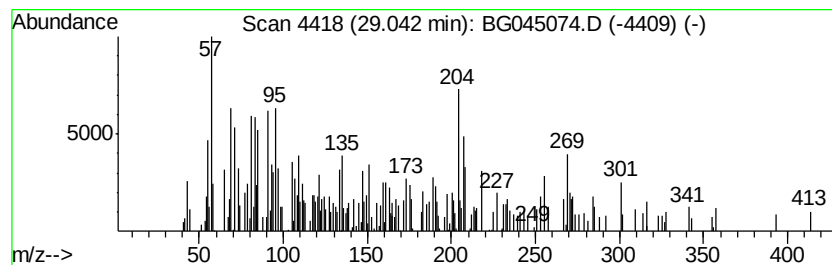
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown29.04 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.04	2.22 ng	130155	Perylene-d12	24.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.alpha.-Guaiene	204	C15H24	003691-12-1	15
2		(-)-Aristolene	204	C15H24	006831-16-9	15
3		Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	12
4		Anthranilic acid, N-methyl-, but...	207	C12H17NO2	015236-34-7	10
5		2H-Cyclopentacyclooctene, 4,5,6,...	204	C15H24	1000221-85-8	10



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\
Data File : BG045074.D
Acq On : 18 Apr 2020 19:41
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Misc :
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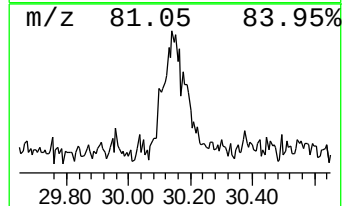
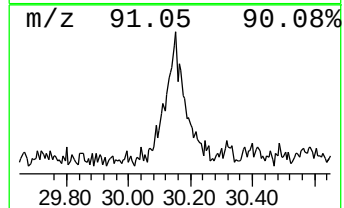
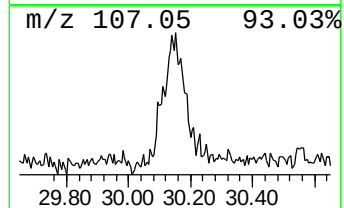
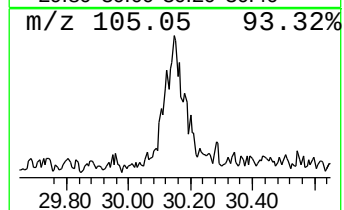
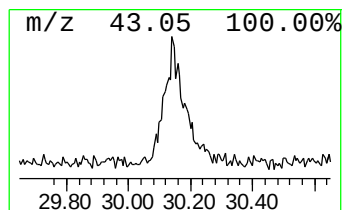
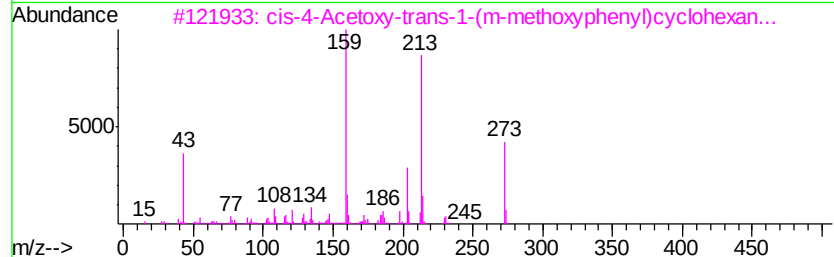
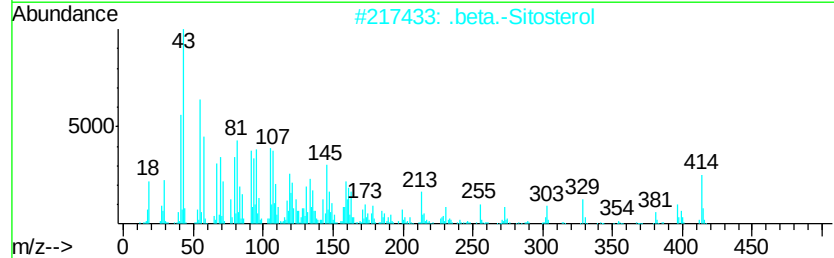
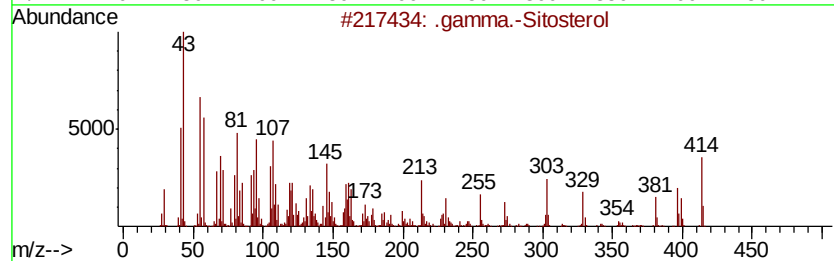
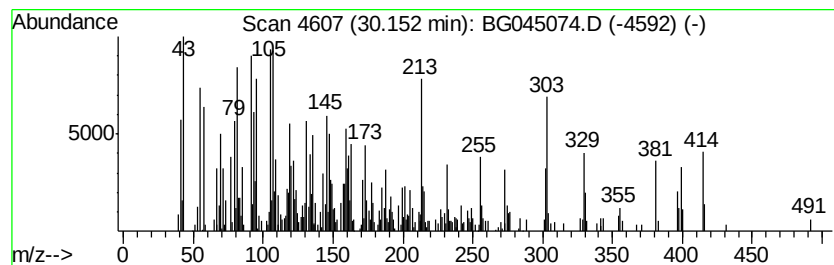
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 .gamma.-Sitosterol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.15	14.76 ng	864325	Perylene-d12	24.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.gamma.-Sitosterol	414	C29H50O	000083-47-6	97
2		.beta.-Sitosterol	414	C29H50O	000083-46-5	93
3		cis-4-Acetoxy-trans-1-(m-methoxy...	273	C16H19NO3	1000241-10-4	38
4		Ergost-7-en-3-ol	400	C28H48O	116179-22-7	25
5		Cholest-5-ene, 3-ethoxy-, (3.bet...	414	C29H50O	000986-19-6	11



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041720\
 Data File : BG045074.D
 Acq On : 18 Apr 2020 19:41
 Operator : CG/JU
 Sample : L2271-04
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BG-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.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
unknown3.19	3.19	2.7	ng	44315	1	8.02	333748	20.0
trans-.beta.-Ocimene	6.72	6.5	ng	108865	1	8.02	333748	20.0
n-Hexadecanoic acid	18.30	2.5	ng	138072	4	17.40	1099030	20.0
unknown20.65	20.65	3.3	ng	185613	5	21.66	1141790	20.0
n-Nonadecanol-1	21.32	11.4	ng	652392	5	21.66	1141790	20.0
Behenic alcohol	22.50	11.7	ng	667868	5	21.66	1141790	20.0
Nonadecane	23.97	4.1	ng	242342	6	24.85	1170920	20.0
Cyclohexadecane	24.03	2.1	ng	122249	6	24.85	1170920	20.0
2-methyloctacosane	26.05	5.0	ng	295423	6	24.85	1170920	20.0
unknown26.16	26.16	7.8	ng	455945	6	24.85	1170920	20.0
unknown29.04	29.04	2.2	ng	130155	6	24.85	1170920	20.0
.gamma.-Sitosterol	30.15	14.8	ng	864325	6	24.85	1170920	20.0