

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060119\
 Data File : BM020647.D
 Acq On : 01 Jun 2019 13:08
 Operator : HP/JU
 Sample : K3072-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-2

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM053119.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	3.063	8	13	28	rVB	2146747	2572064	18.64%	2.203%
2	4.963	329	336	344	rBV2	169773	269994	1.96%	0.231%
3	5.416	406	413	425	rBV	6403389	9126788	66.13%	7.818%
4	6.998	673	682	692	rBV	6151636	10357775	75.05%	8.873%
5	7.363	736	744	754	rBV	6571145	10237576	74.18%	8.770%
6	7.828	816	823	830	rBV	1151133	1841720	13.34%	1.578%
7	8.151	870	878	886	rBV	4590560	7475190	54.16%	6.404%
8	8.992	1012	1021	1033	rBV	3848382	6275203	45.47%	5.376%
9	10.622	1290	1298	1306	rBV	1476882	2470380	17.90%	2.116%
10	13.086	1710	1717	1724	rBV	8326566	12314329	89.22%	10.549%
11	13.922	1853	1859	1867	rVB	1153039	1602083	11.61%	1.372%
12	14.469	1945	1952	1960	rBV2	2004684	3025532	21.92%	2.592%
13	15.957	2198	2205	2222	rBV	6106234	9024645	65.39%	7.731%
14	17.210	2412	2418	2426	rVB2	2364481	3283548	23.79%	2.813%
15	18.110	2565	2571	2582	rBV	1123462	1616852	11.71%	1.385%
16	19.386	2783	2788	2799	rBV	570307	852143	6.17%	0.730%
17	19.839	2858	2865	2870	rBV	10997343	13801761	100.00%	11.823%
18	21.103	3075	3080	3091	rBV	1196556	1582485	11.47%	1.356%
19	21.386	3122	3128	3135	rBV	2584283	3258088	23.61%	2.791%
20	21.545	3151	3155	3160	rBV	653858	723097	5.24%	0.619%
21	21.992	3227	3231	3245	rBV	1164157	1474344	10.68%	1.263%
22	22.468	3307	3312	3317	rBV	1617937	2075791	15.04%	1.778%
23	22.992	3396	3401	3407	rBV	1661543	2388035	17.30%	2.046%
24	23.586	3495	3502	3509	rBV	1387891	2408352	17.45%	2.063%
25	23.680	3511	3518	3528	rVB2	1766774	3395083	24.60%	2.908%
26	24.256	3610	3616	3623	rVB	1021214	1865982	13.52%	1.598%
27	24.339	3626	3630	3641	rVB4	178515	366964	2.66%	0.314%
28	25.038	3743	3749	3757	rVB2	479441	1048382	7.60%	0.898%

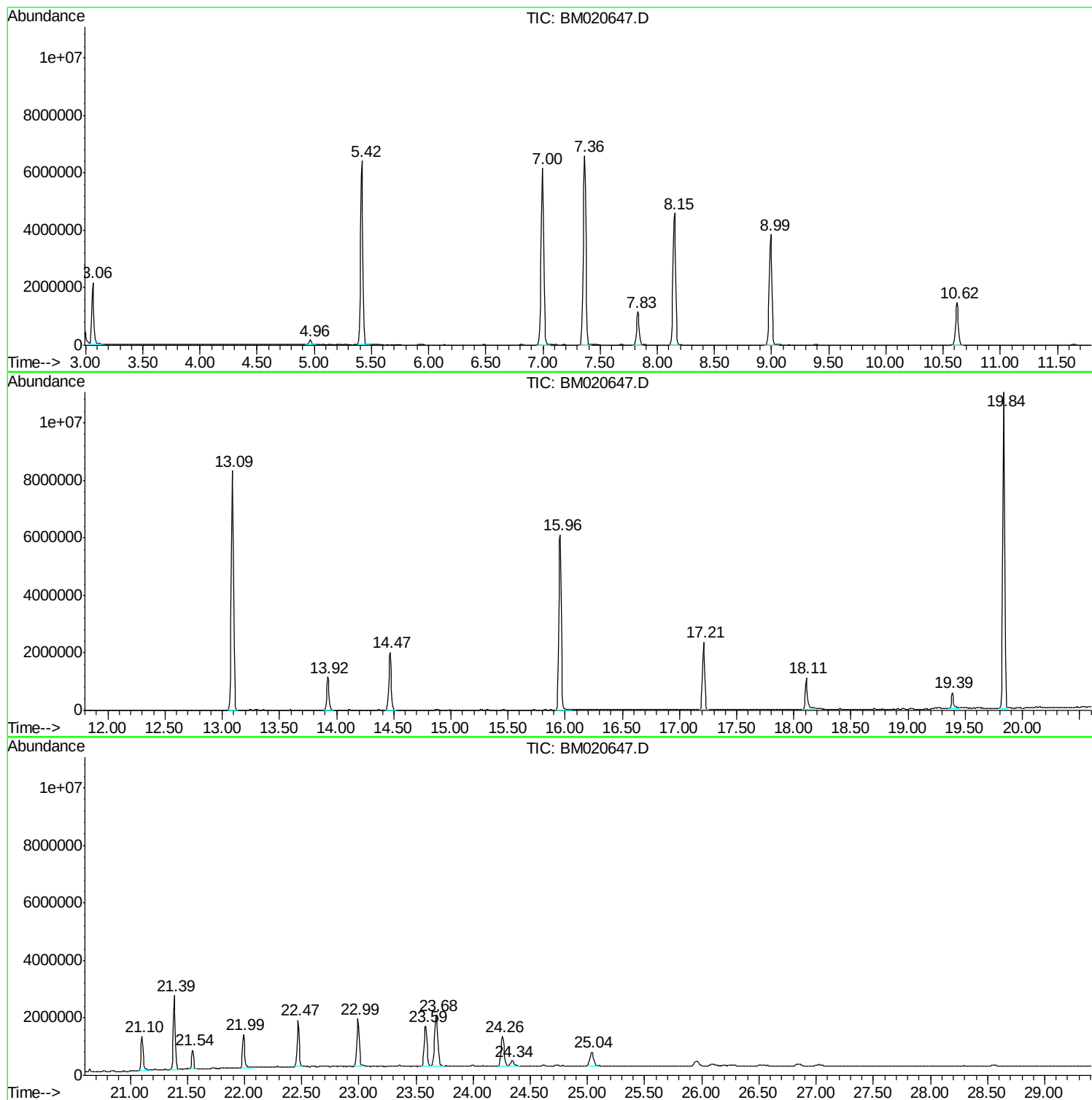
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Instrument :
BNA_M
ClientSampled :
TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM053119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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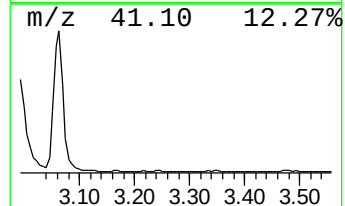
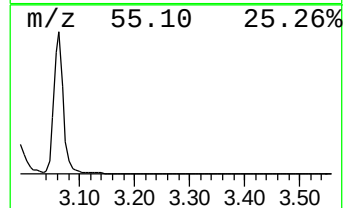
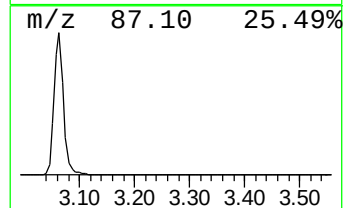
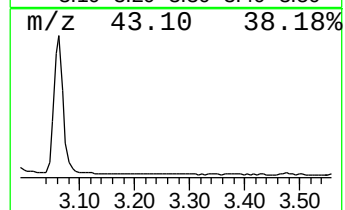
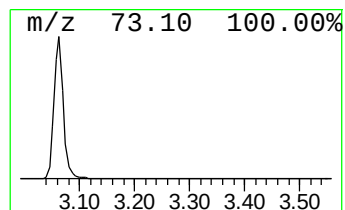
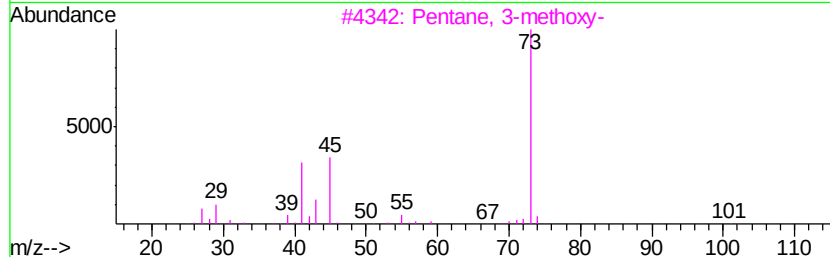
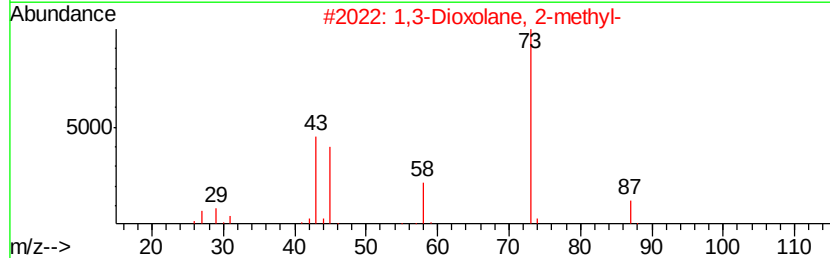
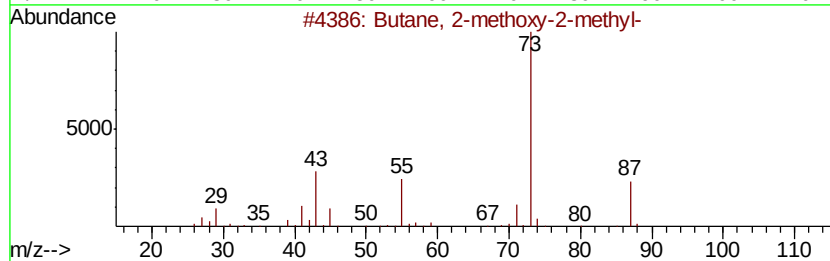
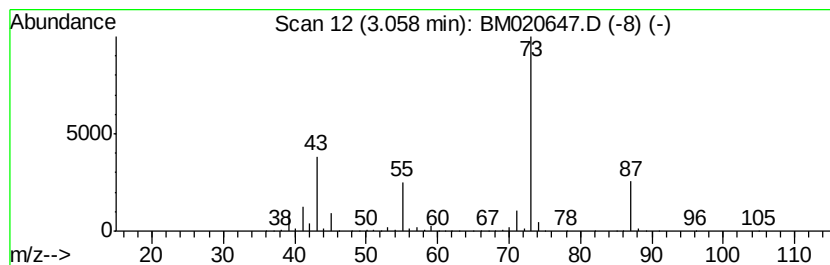
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM053119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.06	27.93 ng	2572060	1,4-Dichlorobenzene-d4	7.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4		Silane, tetramethyl-	88	C4H12Si	000075-76-3	12
5		N-Ethylformamide	73	C3H7NO	000627-45-2	9



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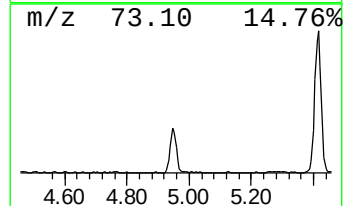
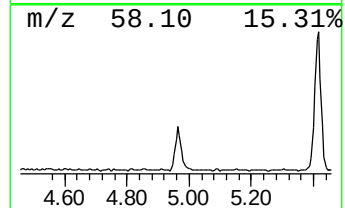
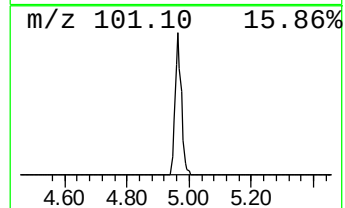
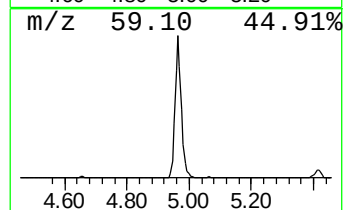
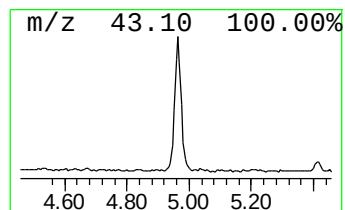
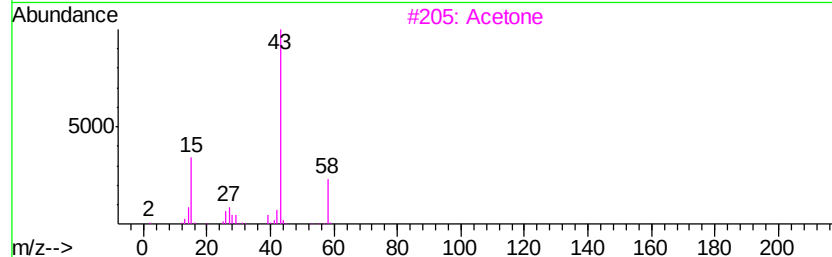
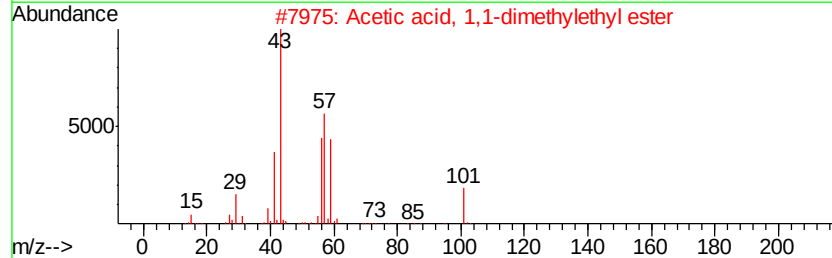
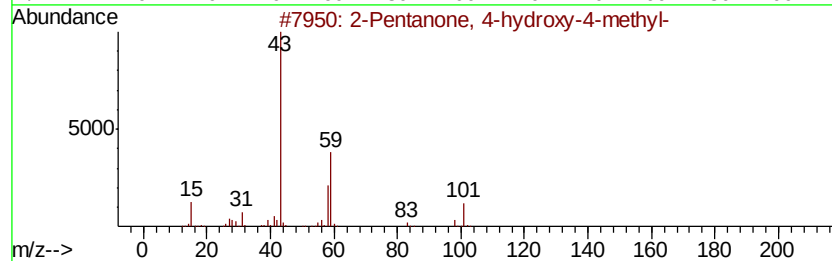
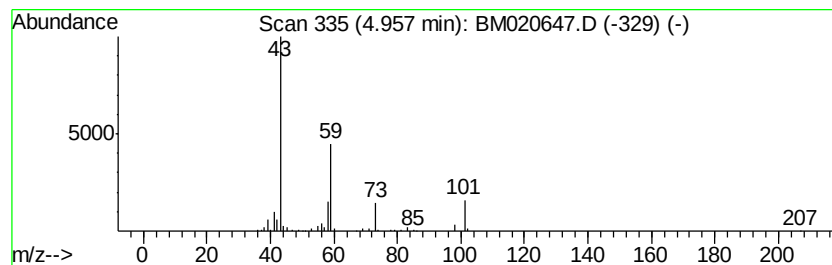
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.96	2.93 ng	269994	1,4-Dichlorobenzene-d4	7.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3		Acetone	58	C3H6O	000067-64-1	10
4		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	10
5		5-Hexen-2-one	98	C6H10O	000109-49-9	9



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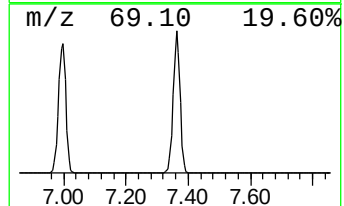
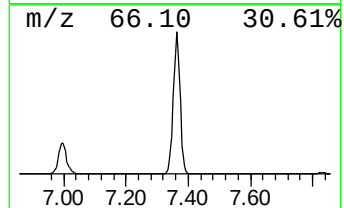
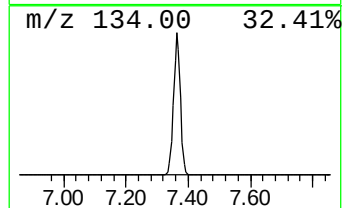
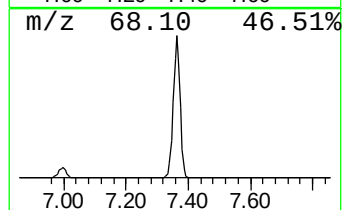
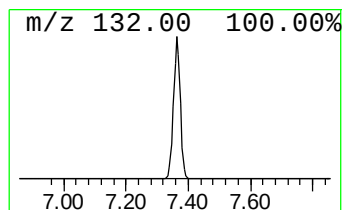
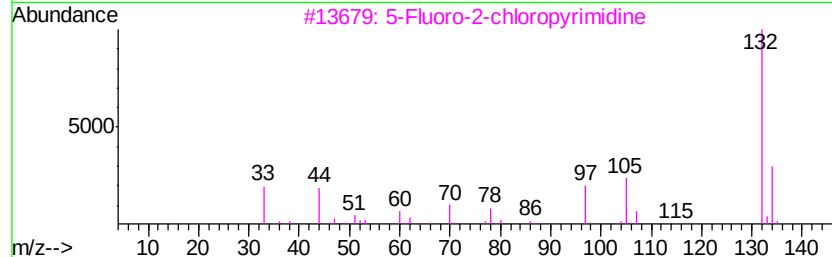
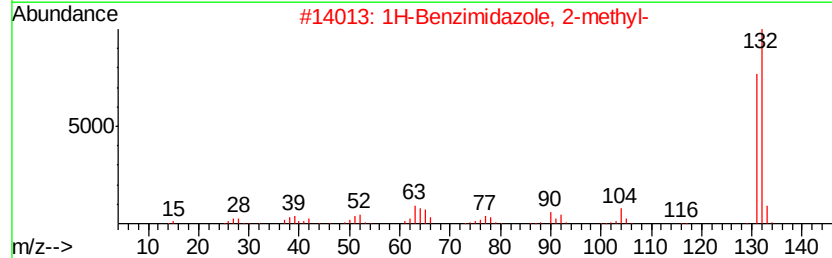
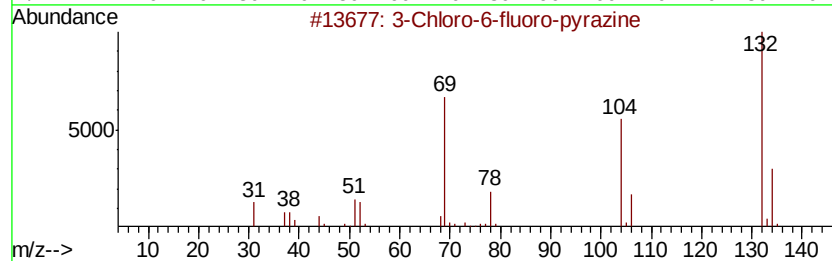
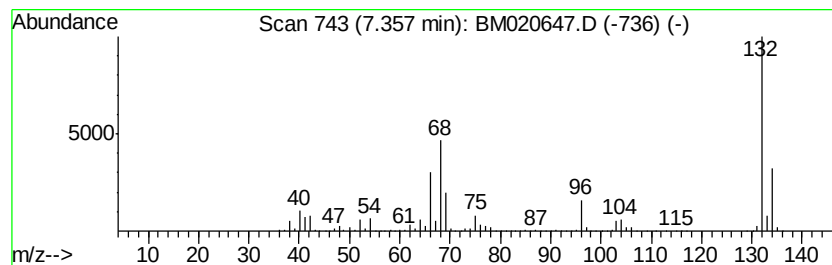
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 unknown7.36 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.36	111.17 ng	10237600	1,4-Dichlorobenzene-d4	7.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9



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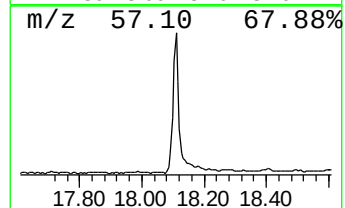
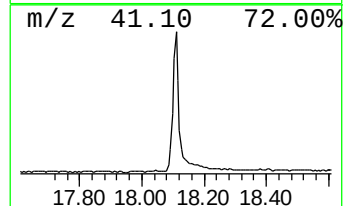
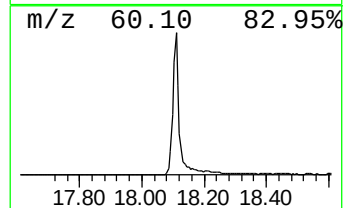
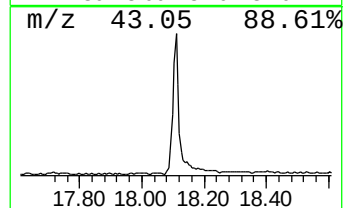
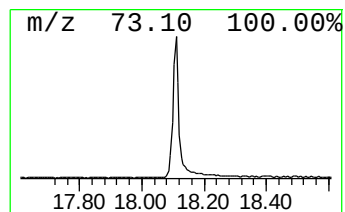
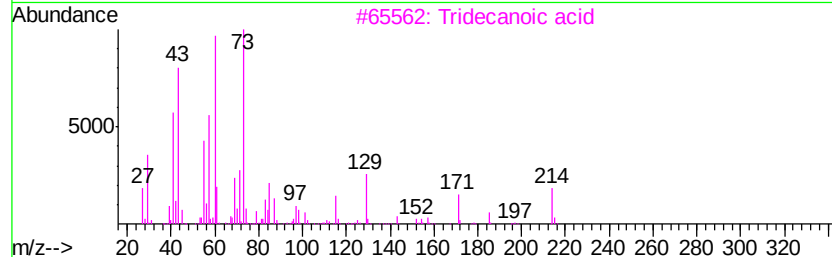
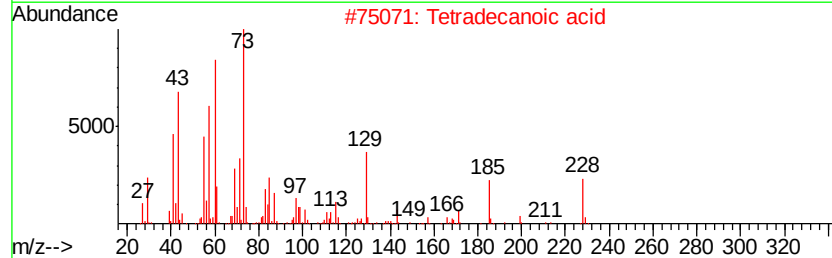
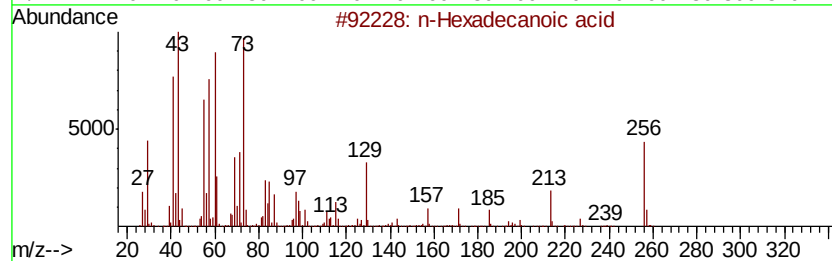
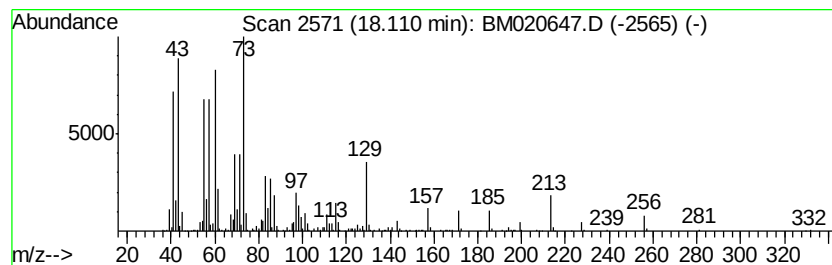
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.11	9.85 ng	1616850	Phenanthrene-d10	17.21

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	80
3	Tridecanoic acid	214	C13H26O2	000638-53-9	70
4	Estra-1,3,5(10)-trien-17.β.-ol	256	C18H24O	002529-64-8	30
5	Tridecane	184	C13H28	000629-50-5	11



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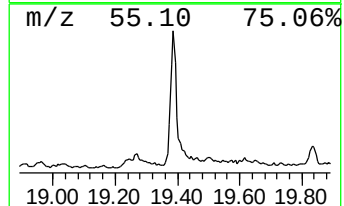
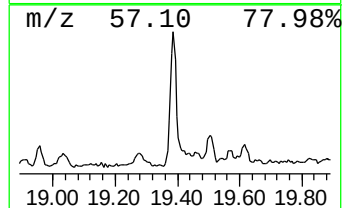
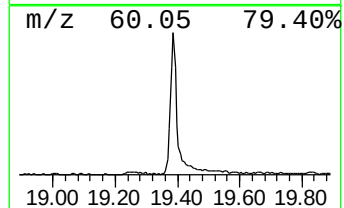
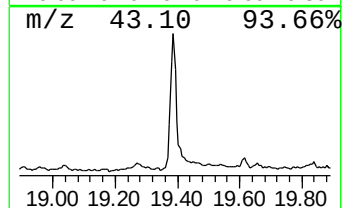
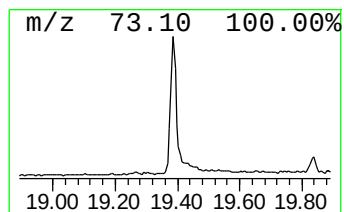
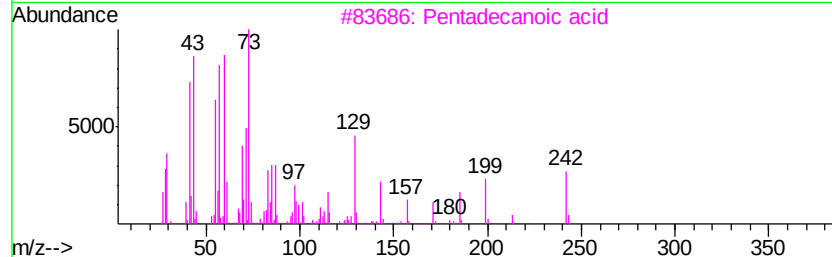
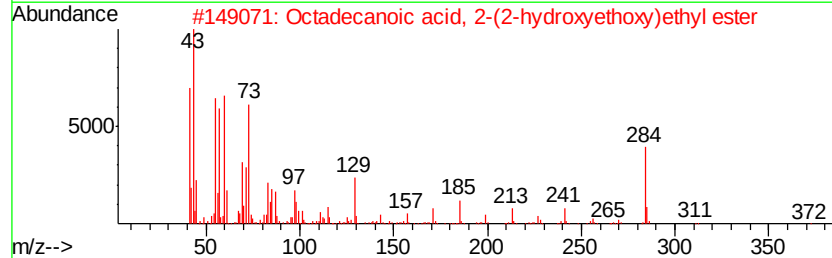
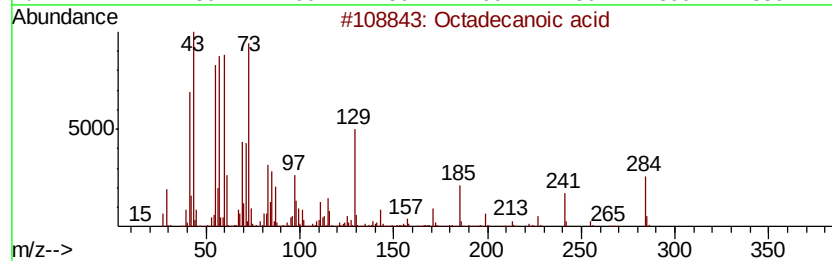
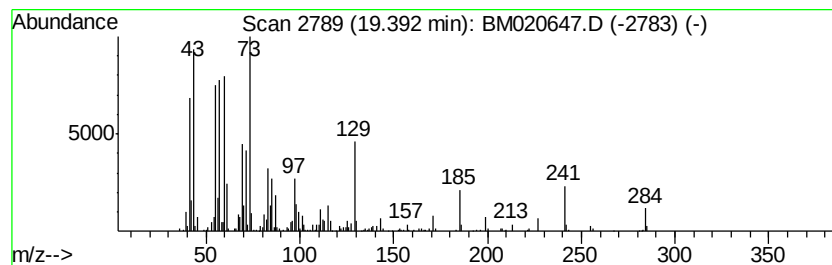
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TIC Library : C:\DATABASE\NIST02.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 6 Octadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.	
19.39	5.23 ng	852143	Chrysene-d12		21.39	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	91
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	90
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87



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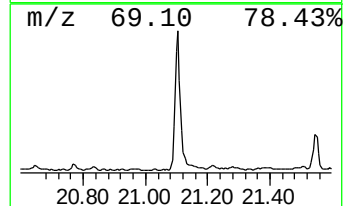
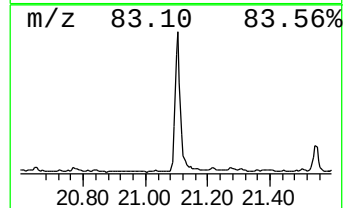
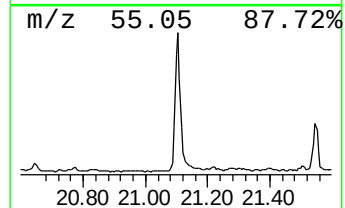
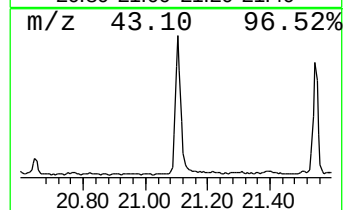
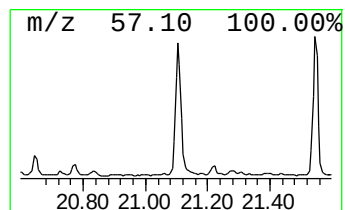
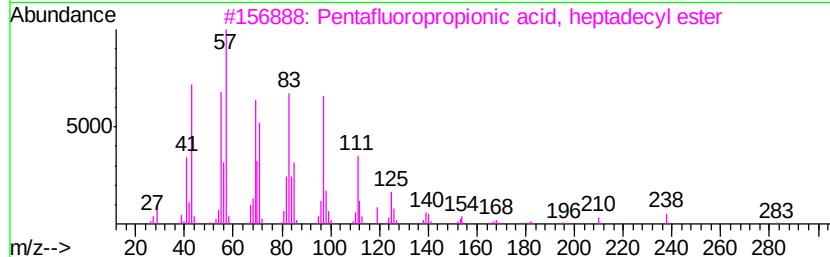
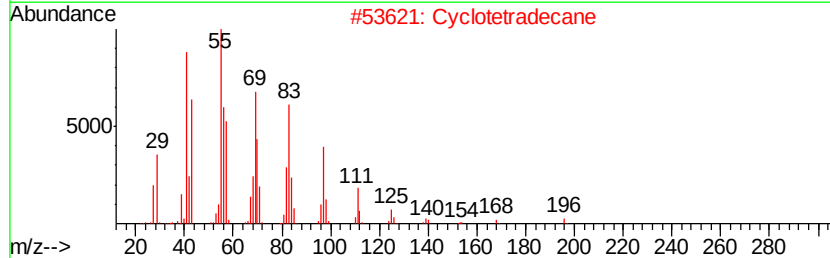
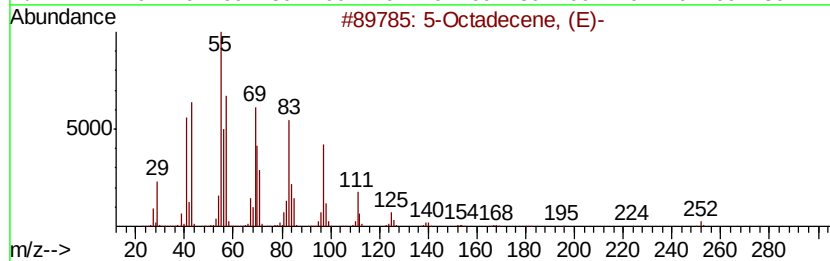
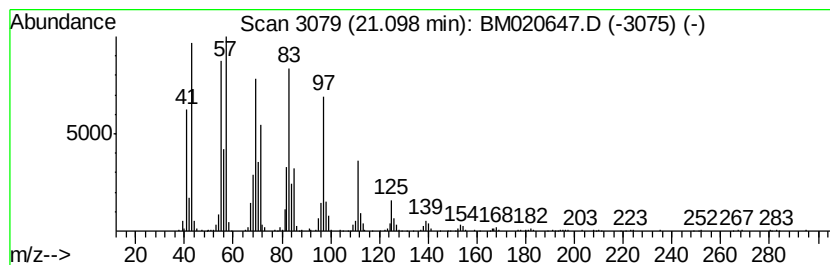
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 5-Octadecene, (E)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.10	9.71 ng	1582490	Chrysene-d12	21.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Octadecene, (E)-	252	C18H36	007206-21-5	95
2		Cyclotetradecane	196	C14H28	000295-17-0	91
3		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	91
4		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
5		Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060119\
Data File : BM020647.D
Acq On : 01 Jun 2019 13:08
Operator : HP/JU
Sample : K3072-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

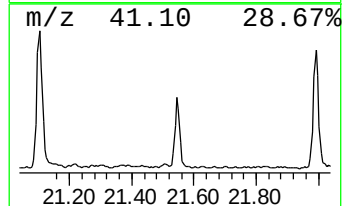
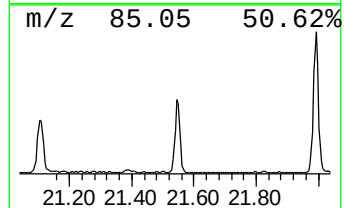
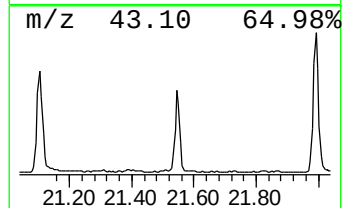
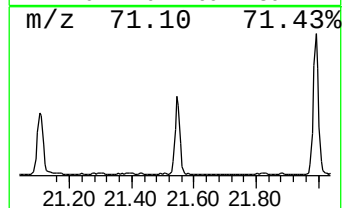
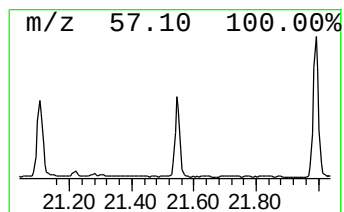
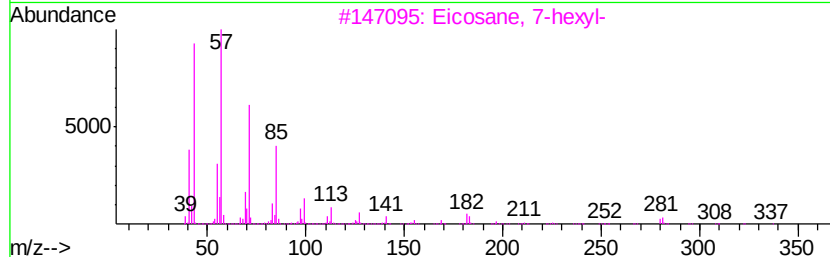
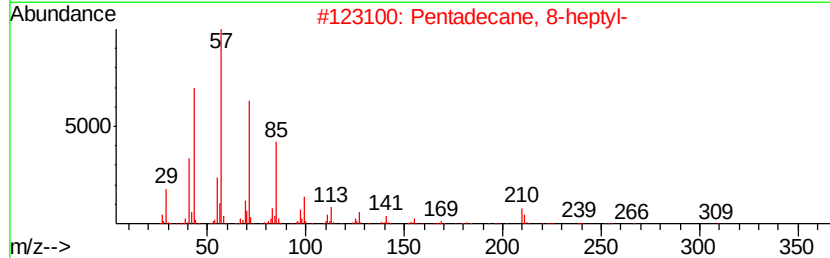
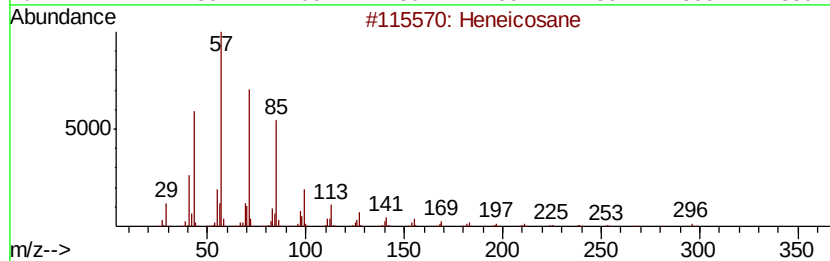
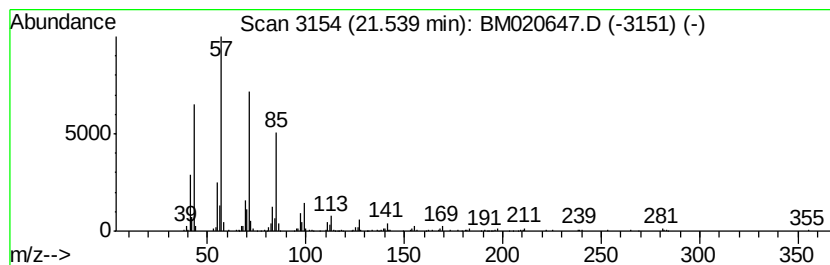
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Heneicosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.54	4.44 ng	723097	Chrysene-d12	21.39
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heneicosane	296 C21H44	000629-94-7	91
2	Pentadecane, 8-heptyl-	310 C22H46	071005-15-7	91
3	Eicosane, 7-hexyl-	366 C26H54	055333-99-8	91
4	Eicosane	282 C20H42	000112-95-8	90
5	Tetracosane	338 C24H50	000646-31-1	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060119\
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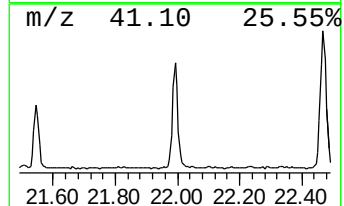
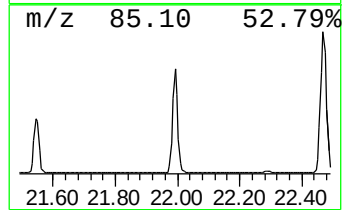
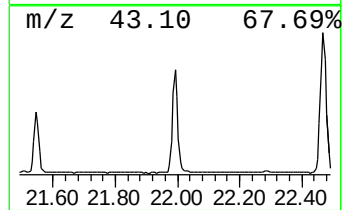
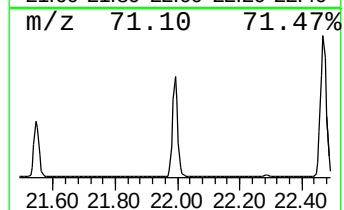
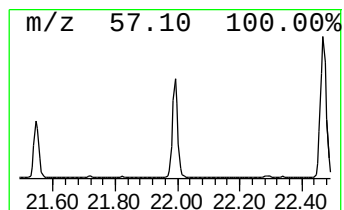
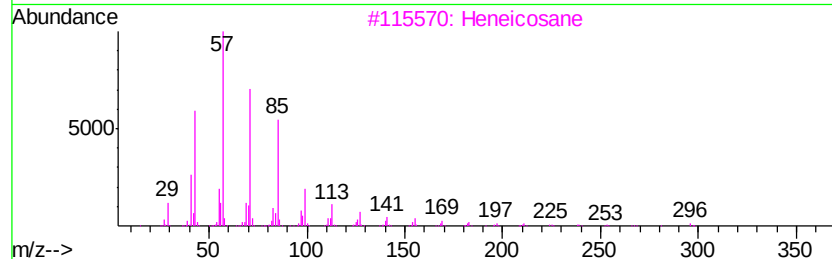
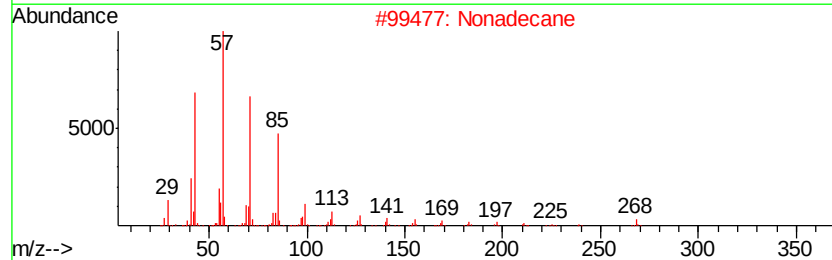
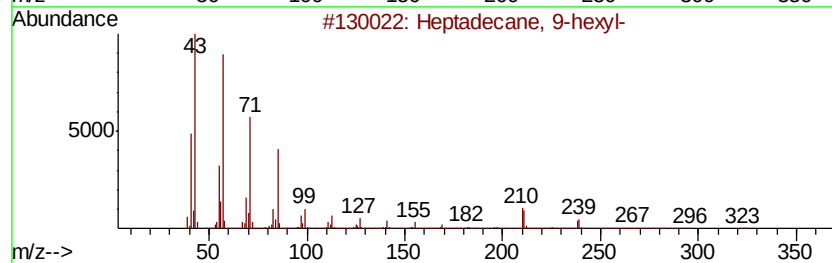
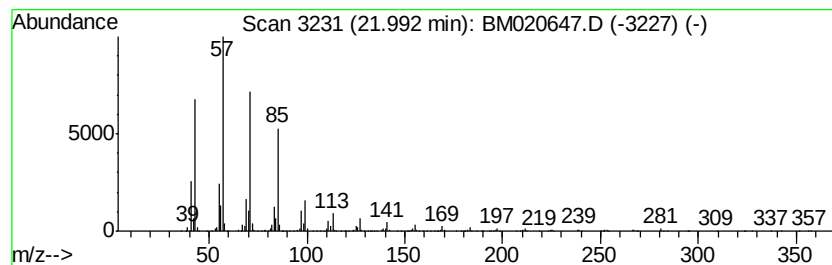
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 9 Heptadecane, 9-hexyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.
21.99	9.05 ng	1474340	Chrysene-d12		21.39
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	94
2	Nonadecane	268	C19H40	000629-92-5	93
3	Heneicosane	296	C21H44	000629-94-7	91
4	Triacontane	422	C30H62	000638-68-6	91
5	Tetracosane	338	C24H50	000646-31-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060119\
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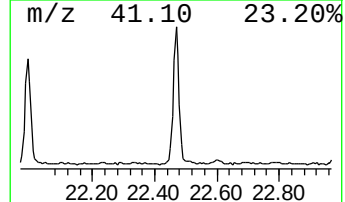
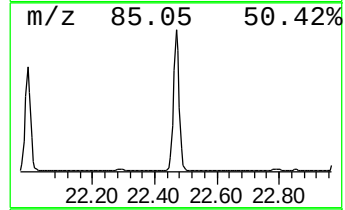
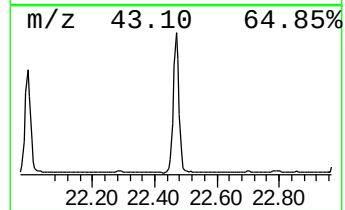
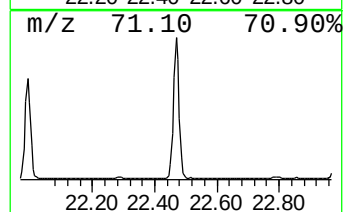
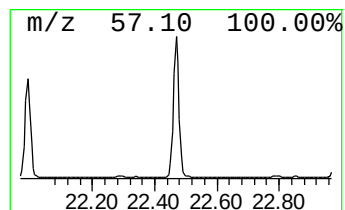
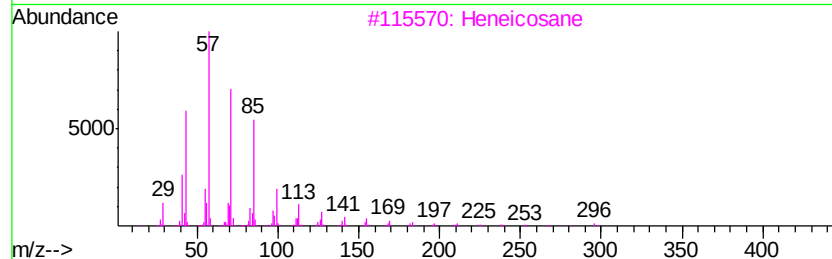
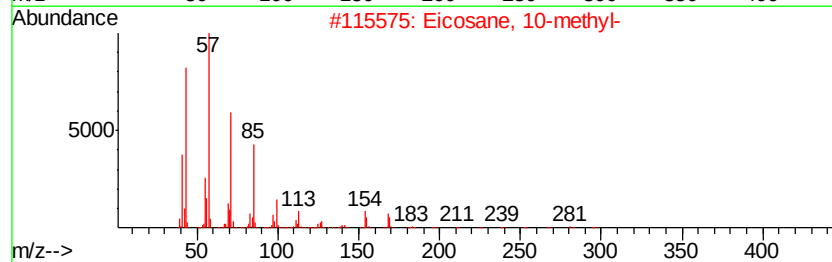
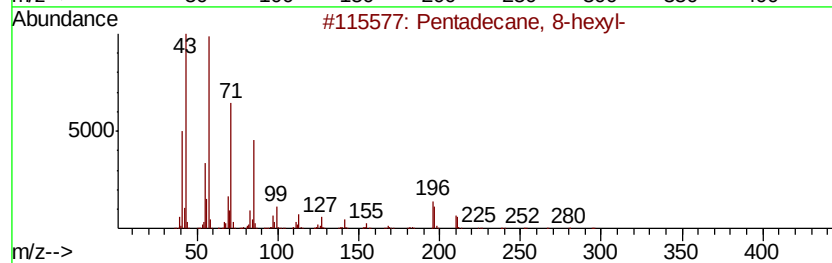
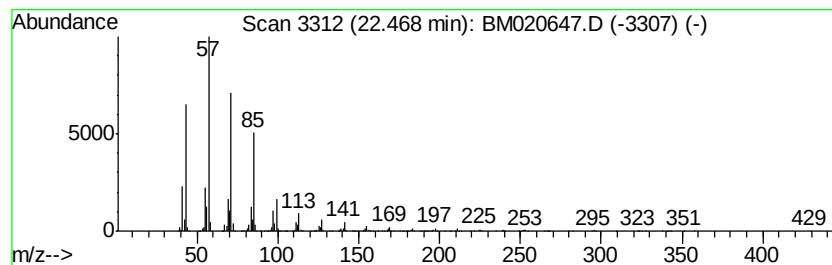
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Pentadecane, 8-hexyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.47	12.74 ng	2075790	Chrysene-d12	21.39
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Pentadecane, 8-hexyl-	296 C21H44	013475-75-7 94
2		Eicosane, 10-methyl-	296 C21H44	054833-23-7 94
3		Heneicosane	296 C21H44	000629-94-7 91
4		Octacosane	394 C28H58	000630-02-4 91
5		Pentadecane, 8-heptyl-	310 C22H46	071005-15-7 91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060119\
 Data File : BM020647.D
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Instrument :
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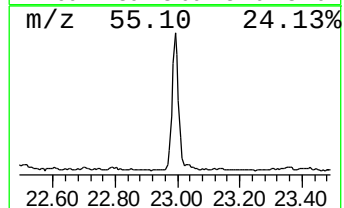
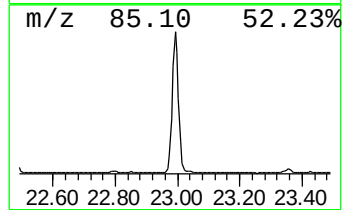
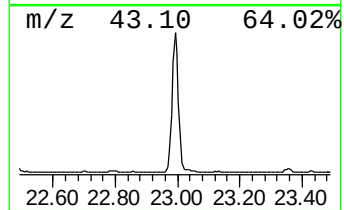
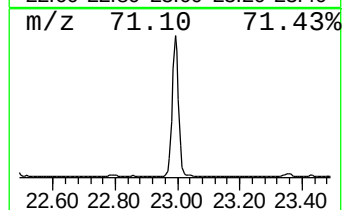
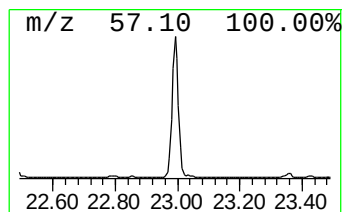
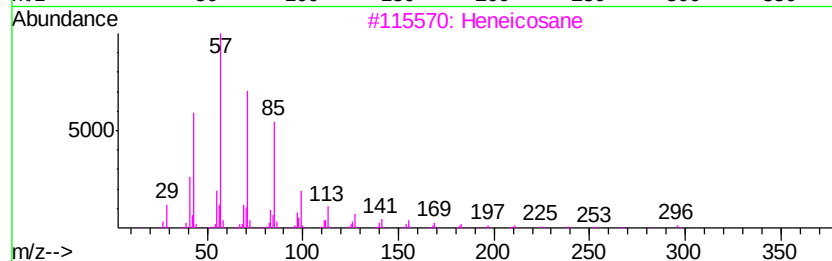
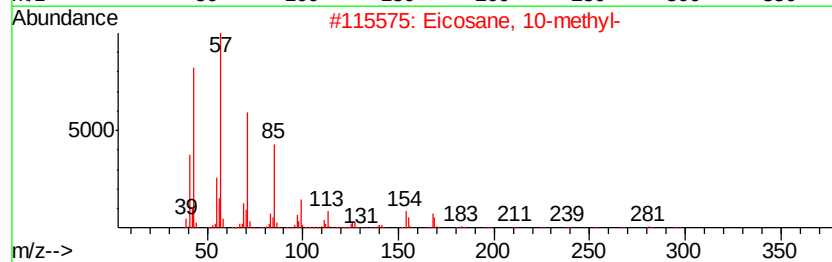
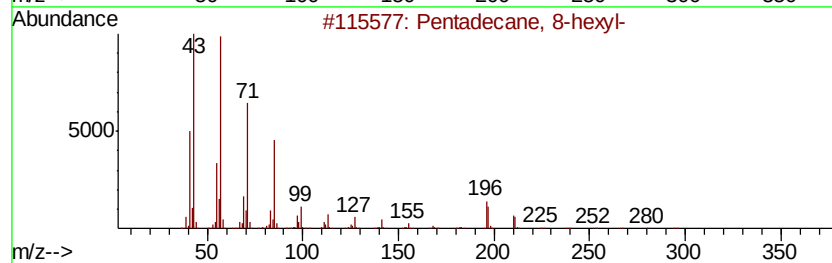
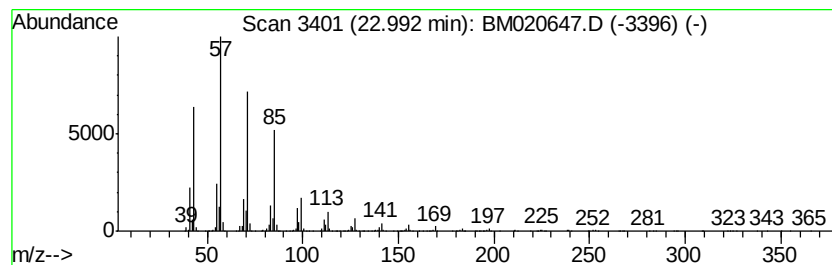
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 11 Eicosane, 10-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.99	14.07 ng	2388040	Perylene-d12	23.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
2		Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
3		Heneicosane	296	C21H44	000629-94-7	91
4		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060119\
 Data File : BM020647.D
 Acq On : 01 Jun 2019 13:08
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Instrument :
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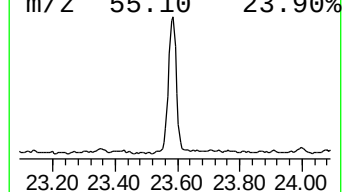
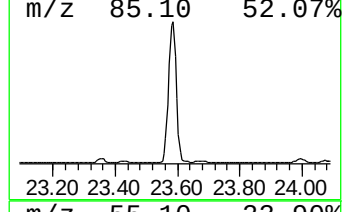
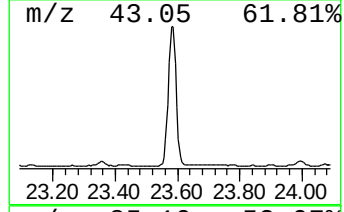
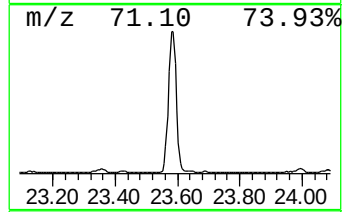
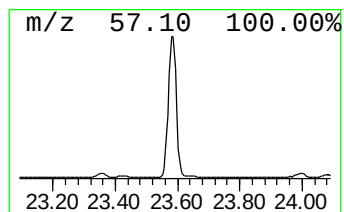
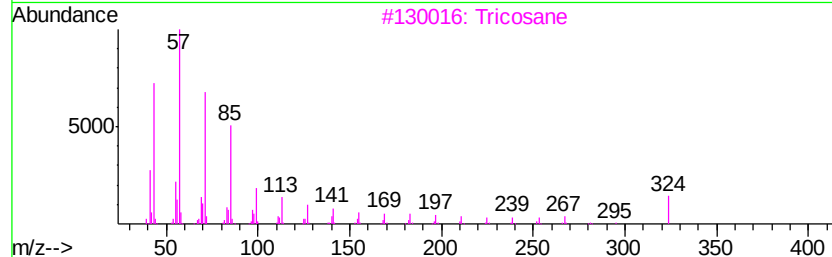
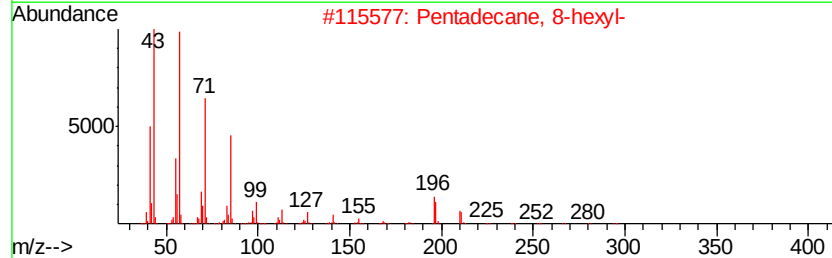
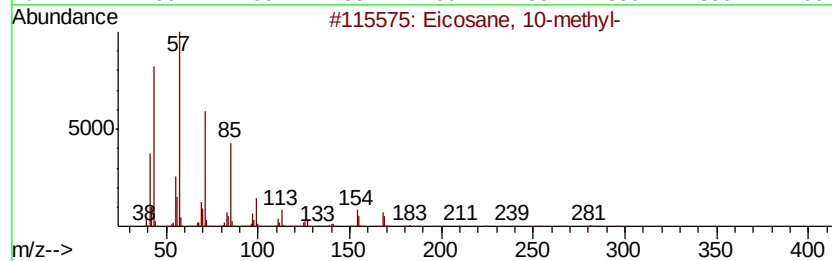
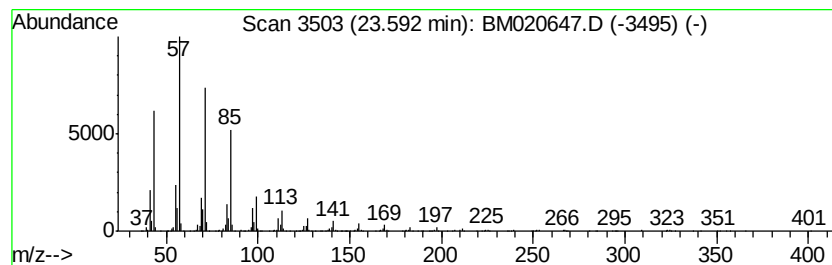
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TIC Library : C:\DATABASE\NIST02.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 12 Tricosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.59	14.19 ng	2408350	Perylene-d12	23.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	94
2		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
3		Tricosane	324	C23H48	000638-67-5	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Docosane, 11-butyl-	366	C26H54	013475-76-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060119\
Data File : BM020647.D
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Sample : K3072-02
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ALS Vial : 5 Sample Multiplier: 1

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ClientSampleId :
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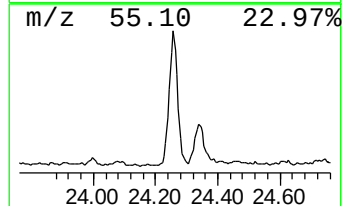
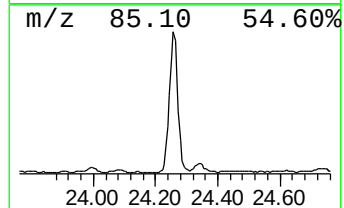
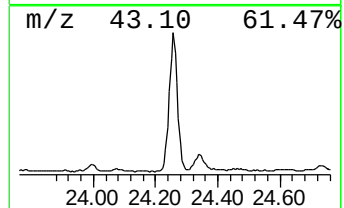
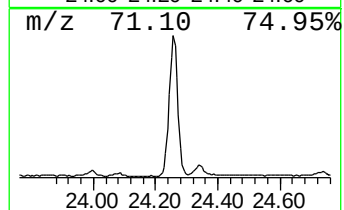
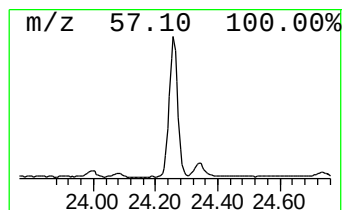
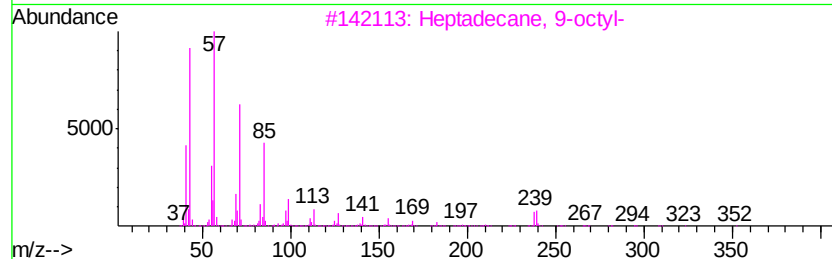
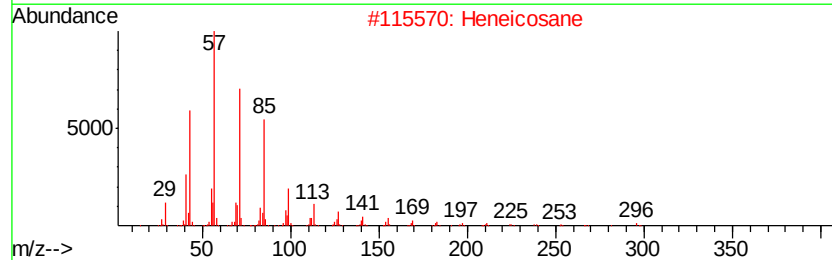
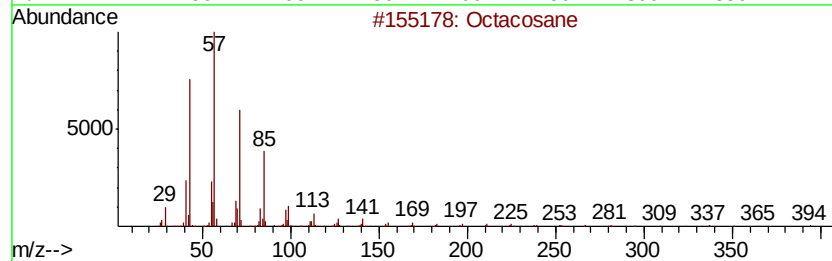
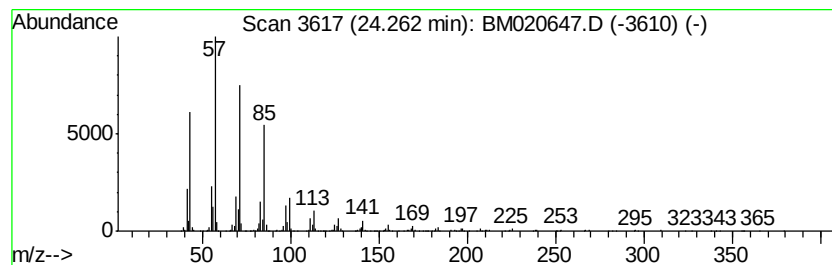
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Octacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.26	10.99 ng	1865980	Perylene-d12	23.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4		Heptacosane	380	C27H56	000593-49-7	91
5		Tetratriacontane	479	C34H70	014167-59-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060119\
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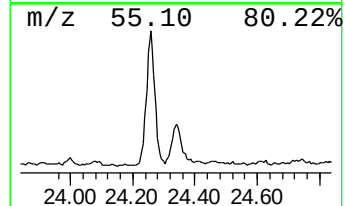
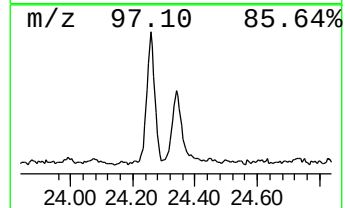
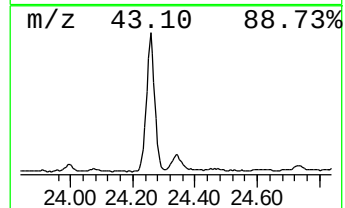
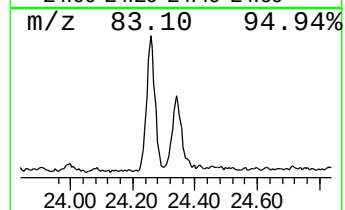
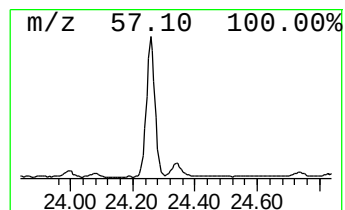
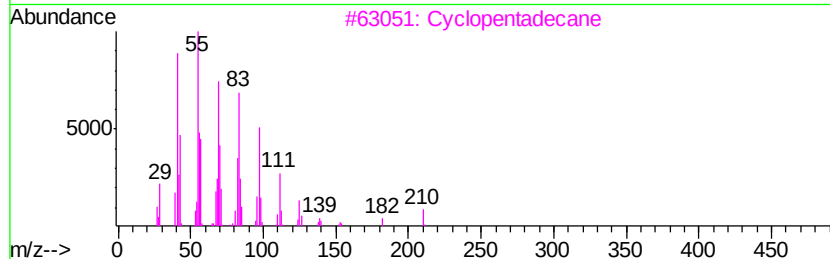
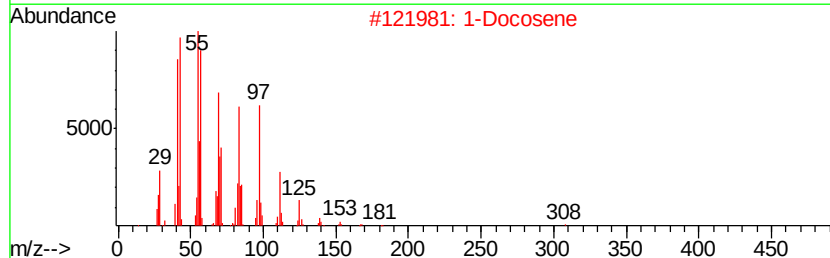
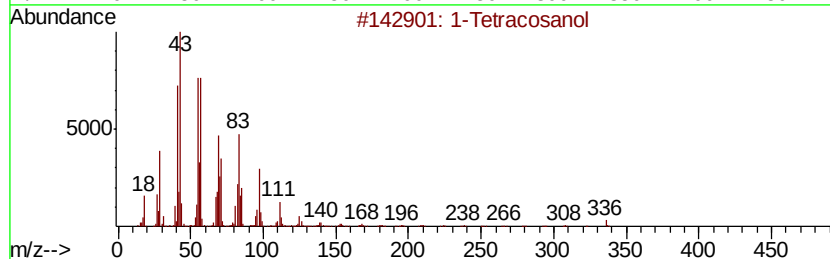
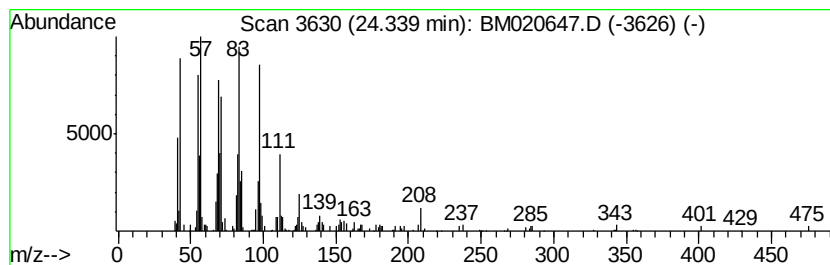
Instrument :
BNA_M
ClientSampleId :
TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM053119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 1-Tetracosanol Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.34	2.16 ng	366964	Perylene-d12	23.68
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Tetracosanol	354 C24H50O	000506-51-4	72
2	1-Docosene	308 C22H44	001599-67-3	70
3	Cyclopentadecane	210 C15H30	000295-48-7	64
4	13-Tetradecen-1-ol acetate	254 C16H30O2	056221-91-1	62
5	1-Eicosanol	298 C20H42O	000629-96-9	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060119\
Data File : BM020647.D
Acq On : 01 Jun 2019 13:08
Operator : HP/JU
Sample : K3072-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-2

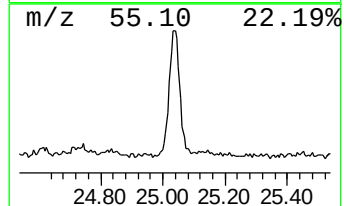
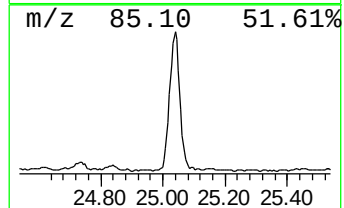
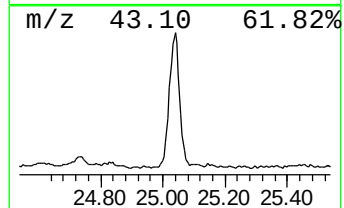
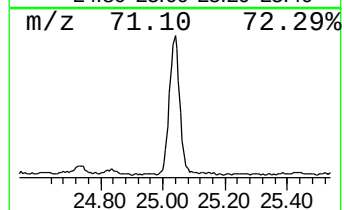
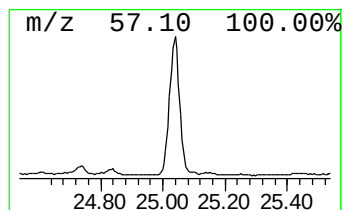
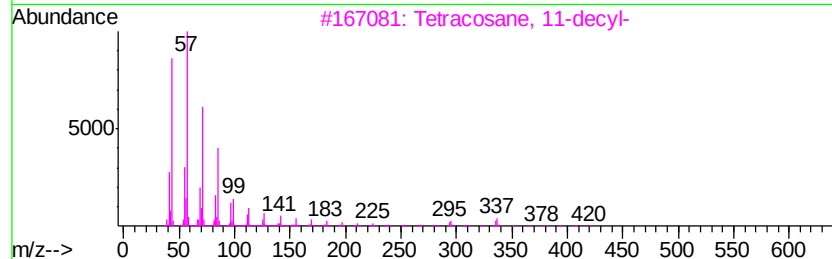
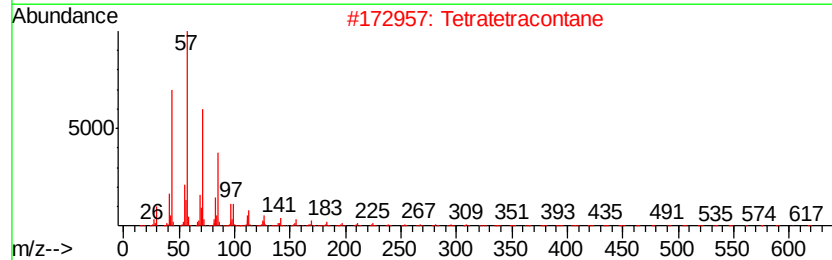
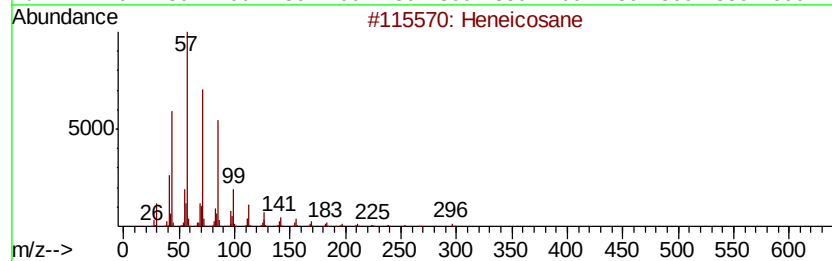
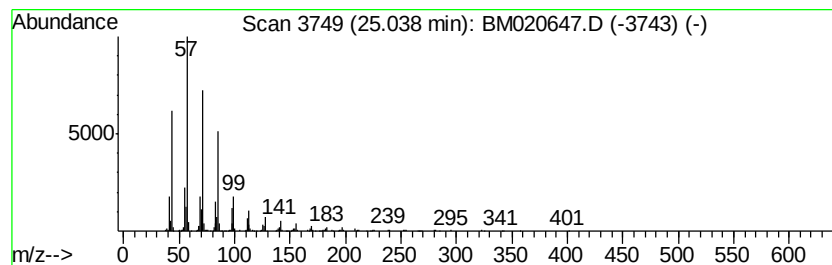
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Tetratetracontane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.04	6.18 ng	1048380	Perylene-d12	23.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Tetratetracontane	619	C44H90	007098-22-8	91
3		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	91
4		Octacosane	394	C28H58	000630-02-4	91
5		Tetracosane	338	C24H50	000646-31-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060119\
 Data File : BM020647.D
 Acq On : 01 Jun 2019 13:08
 Operator : HP/JU
 Sample : K3072-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM053119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.06	27.9	ng	2572060	1	7.83	1841720	20.0
2-Pentanone, 4-hy...	4.96	2.9	ng	269994	1	7.83	1841720	20.0
unknown7.36	7.36	111.2	ng	10237600	1	7.83	1841720	20.0
n-Hexadecanoic acid	18.11	9.8	ng	1616850	4	17.21	3283550	20.0
Octadecanoic acid	19.39	5.2	ng	852143	5	21.39	3258090	20.0
5-Octadecene, (E)-	21.10	9.7	ng	1582490	5	21.39	3258090	20.0
Heneicosane	21.54	4.4	ng	723097	5	21.39	3258090	20.0
Heptadecane, 9-he...	21.99	9.1	ng	1474340	5	21.39	3258090	20.0
Pentadecane, 8-he...	22.47	12.7	ng	2075790	5	21.39	3258090	20.0
Eicosane, 10-methyl-	22.99	14.1	ng	2388040	6	23.68	3395080	20.0
Tricosane	23.59	14.2	ng	2408350	6	23.68	3395080	20.0
Octacosane	24.26	11.0	ng	1865980	6	23.68	3395080	20.0
1-Tetracosanol	24.34	2.2	ng	366964	6	23.68	3395080	20.0
Tetratetracontane	25.04	6.2	ng	1048380	6	23.68	3395080	20.0