

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031419\
 Data File : BM019172.D
 Acq On : 14 Mar 2019 16:52
 Operator : JU/SJ
 Sample : K1866-11
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MR-MH-14-COMP

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-BM031119.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.257	379	386	404	rBV	4037522	6028351	36.78%	6.668%
2	6.840	647	655	681	rBV	4412988	7114087	43.41%	7.869%
3	7.193	707	715	738	rBV	4435487	6957640	42.45%	7.696%
4	7.657	787	794	803	rBV	673989	1081284	6.60%	1.196%
5	7.969	839	847	857	rBV	2858018	4610352	28.13%	5.100%
6	8.828	982	993	1017	rBV	2294198	4040621	24.65%	4.469%
7	10.439	1260	1267	1286	rBV	861080	1566286	9.56%	1.733%
8	12.922	1682	1689	1705	rBV	6712286	9902165	60.42%	10.953%
9	13.780	1829	1835	1849	rBV	406357	680775	4.15%	0.753%
10	14.310	1918	1925	1945	rBV2	1562858	2440538	14.89%	2.700%
11	15.810	2173	2180	2199	rBV	7031718	9624258	58.72%	10.646%
12	17.063	2387	2393	2410	rBV2	2084510	3180564	19.41%	3.518%
13	17.957	2539	2545	2563	rBV	817277	1335921	8.15%	1.478%
14	19.239	2759	2763	2779	rBV	230131	476062	2.90%	0.527%
15	19.704	2836	2842	2857	rBV	13576352	16388797	100.00%	18.128%
16	19.998	2884	2892	2897	rBV	177413	255739	1.56%	0.283%
17	20.498	2973	2977	2981	rBV2	323417	359191	2.19%	0.397%
18	20.962	3051	3056	3067	rBV	1755331	2132450	13.01%	2.359%
19	21.262	3101	3107	3118	rBV	2859951	3743989	22.84%	4.141%
20	21.398	3126	3130	3136	rBV	655693	684950	4.18%	0.758%
21	21.827	3199	3203	3211	rBV	691724	920896	5.62%	1.019%
22	22.292	3277	3282	3290	rBV3	840755	1404002	8.57%	1.553%
23	22.786	3362	3366	3371	rBV	516913	702345	4.29%	0.777%
24	23.350	3457	3462	3467	rBV	434258	674851	4.12%	0.746%
25	23.497	3481	3487	3499	rVB	1615566	3018956	18.42%	3.339%
26	23.992	3566	3571	3579	rVB	307618	549362	3.35%	0.608%
27	24.086	3583	3587	3598	rVB2	248480	531255	3.24%	0.588%

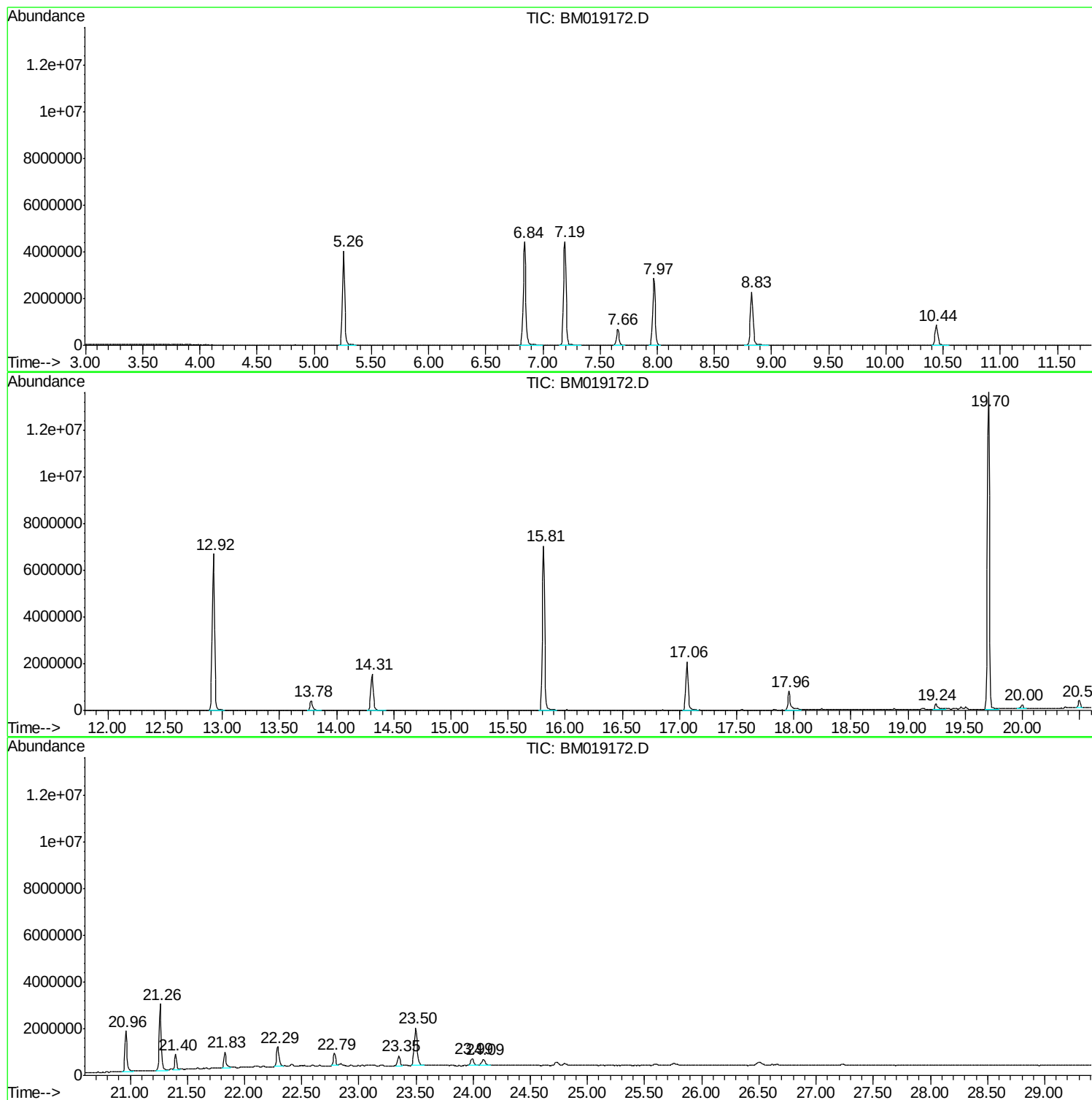
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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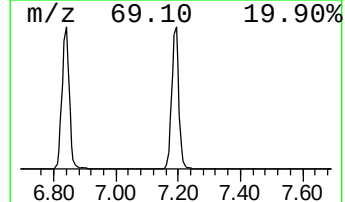
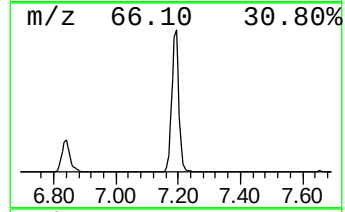
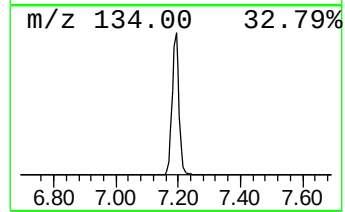
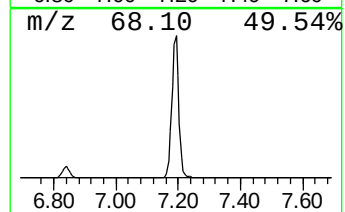
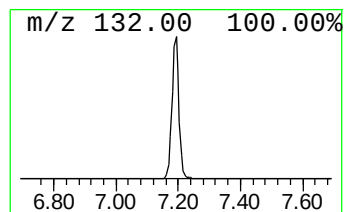
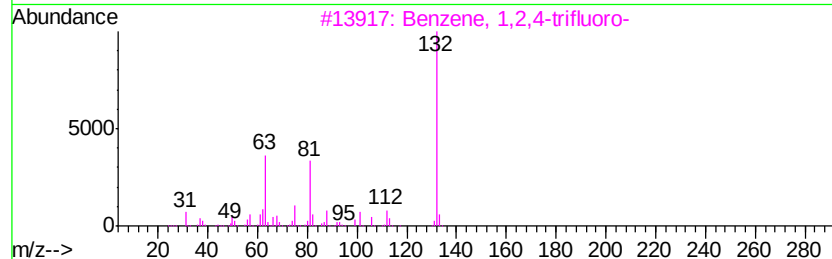
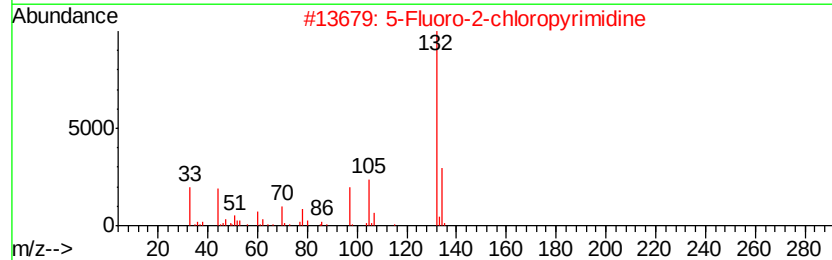
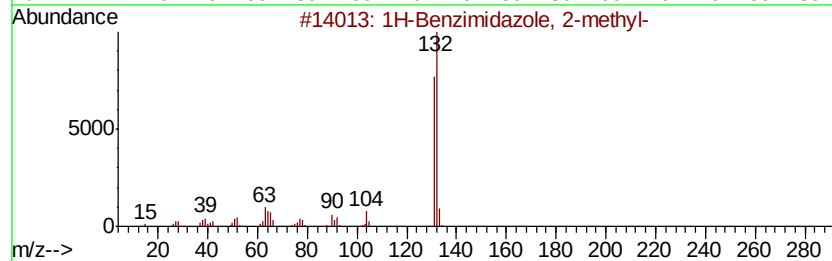
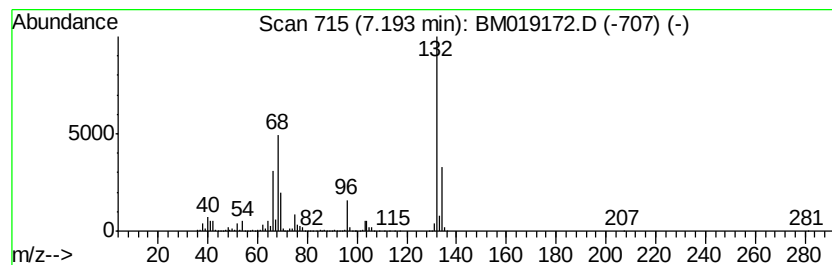
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown7.19 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.19	128.69 ng	6957640	1,4-Dichlorobenzene-d4	7.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3		Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9
4		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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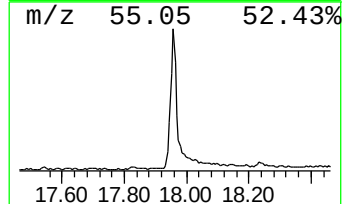
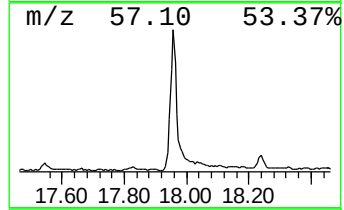
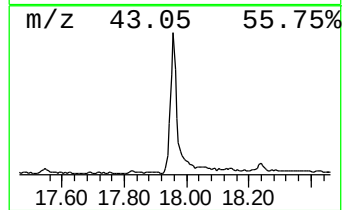
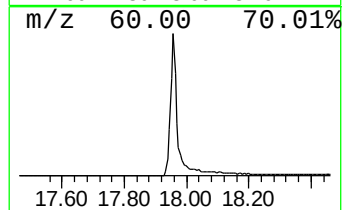
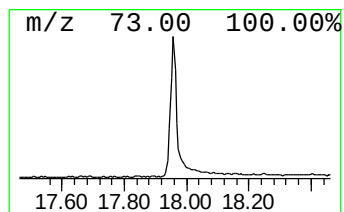
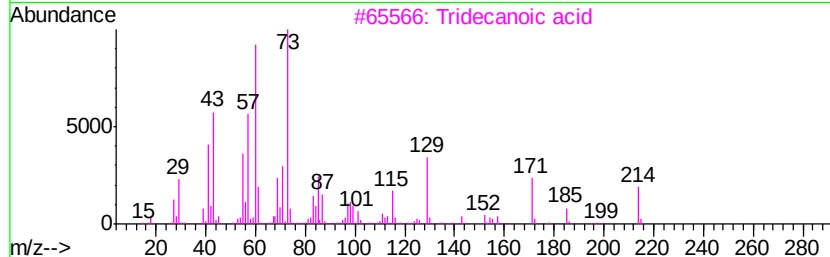
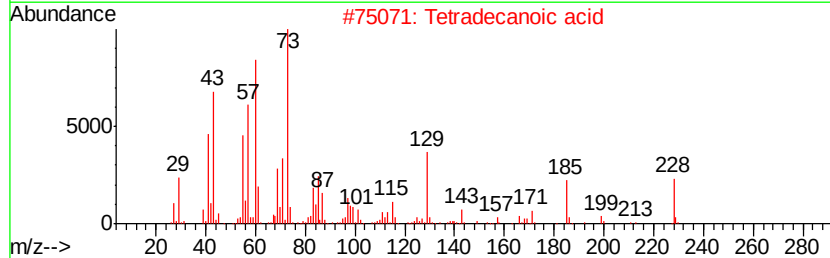
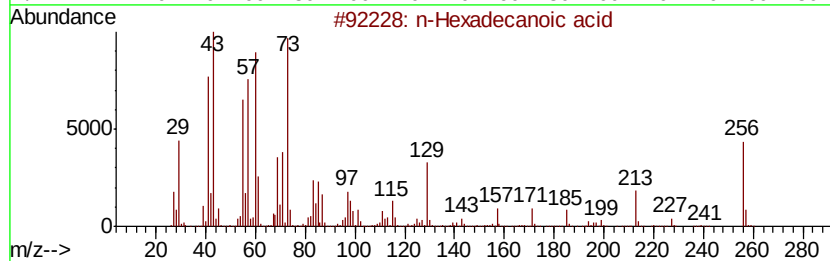
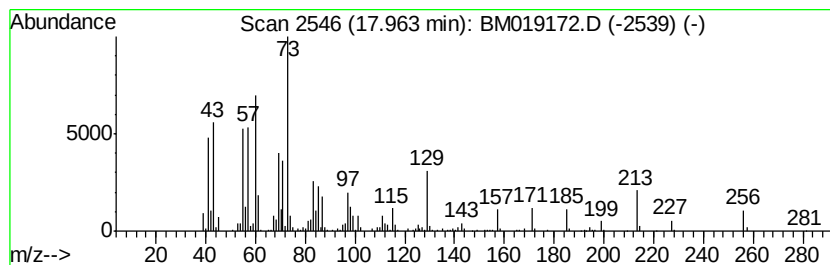
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ClientSampleId :
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TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.96	8.40 ng	1335920	Phenanthrene-d10	17.06	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
3	Tridecanoic acid	214	C13H26O2	000638-53-9	72
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	56
5	n-Decanoic acid	172	C10H20O2	000334-48-5	53



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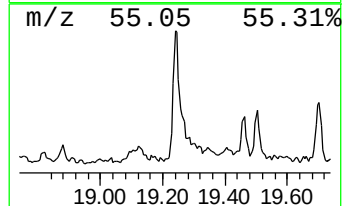
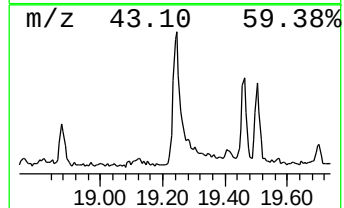
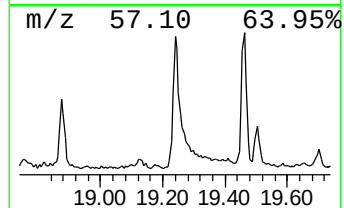
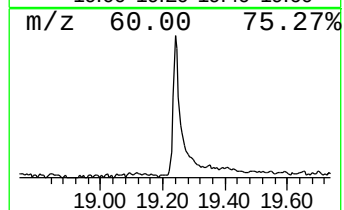
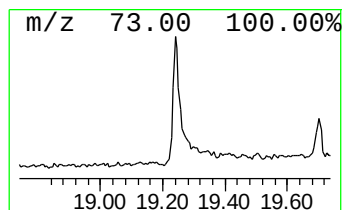
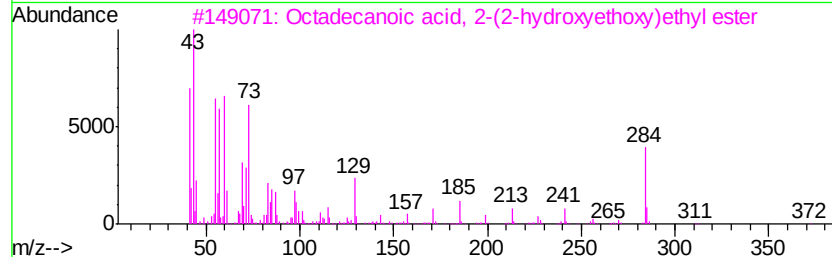
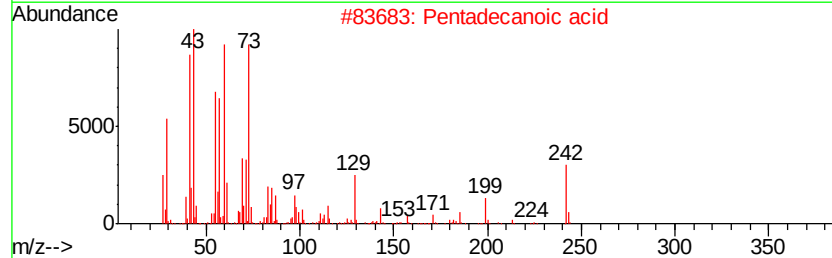
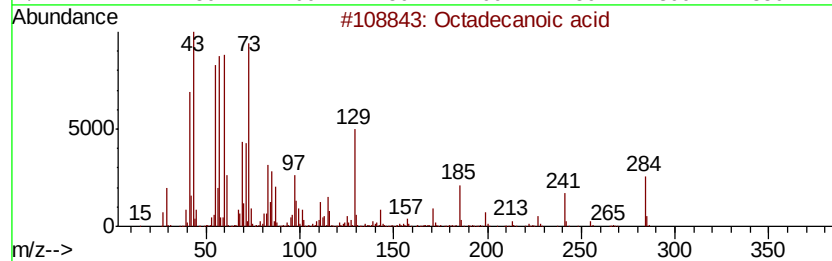
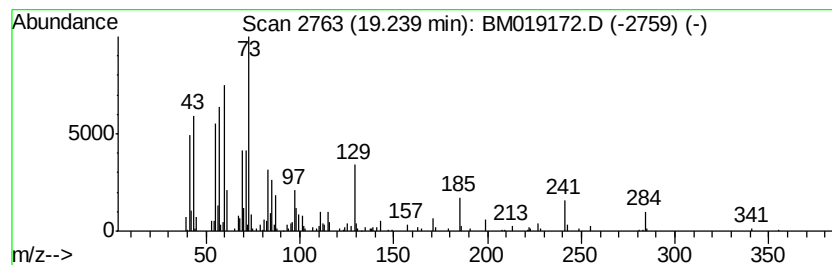
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Peak Number 4 Octadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.24	2.54 ng	476062	Chrysene-d12	21.26	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	97
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	86
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	76
5	n-Decanoic acid	172	C10H20O2	000334-48-5	43



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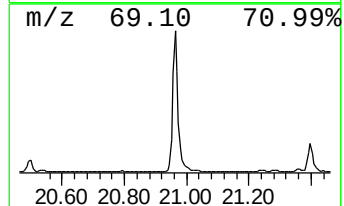
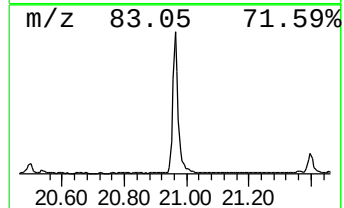
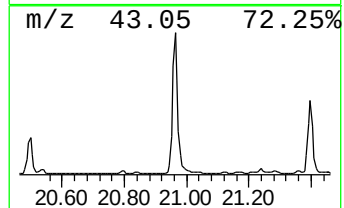
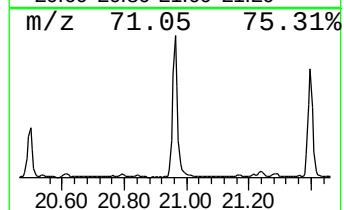
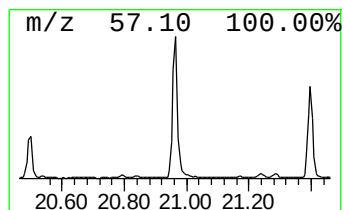
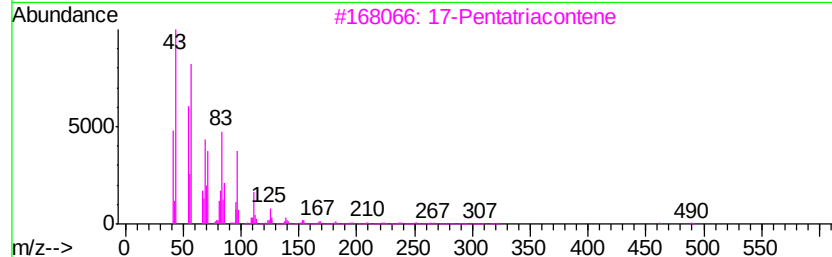
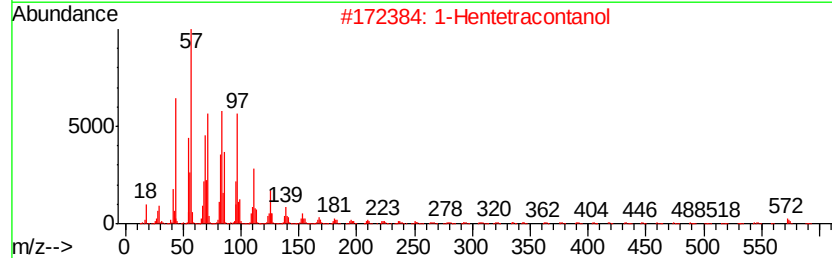
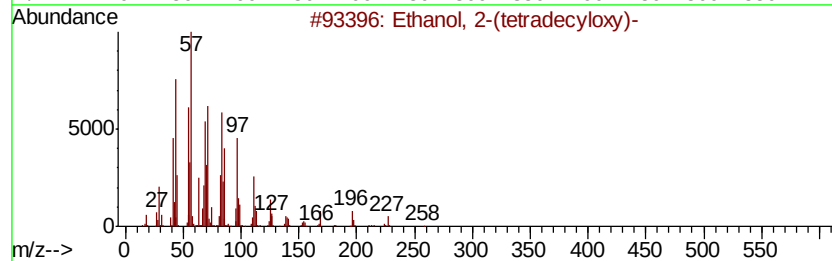
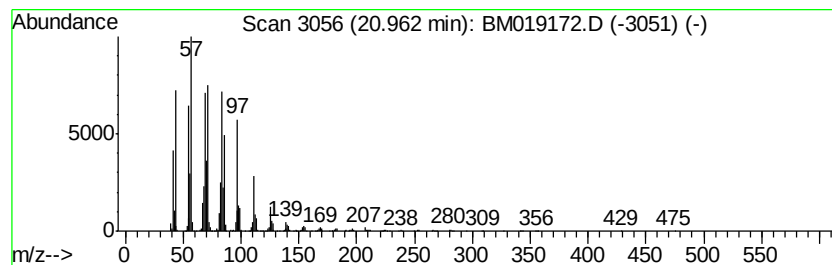
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Peak Number 5 Ethanol, 2-(tetradecyloxy)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.96	11.39 ng	2132450	Chrysene-d12	21.26

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	90
2		1-Hentetracontanol	593	C41H84O	040710-42-7	86
3		17-Pentatriacontene	491	C35H70	006971-40-0	80
4		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	68
5		1-Nonadecanol	284	C19H40O	001454-84-8	64



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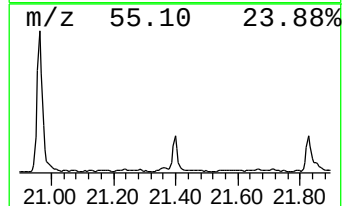
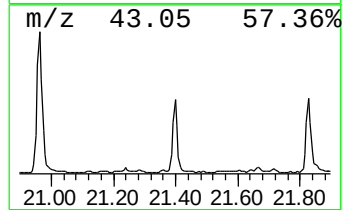
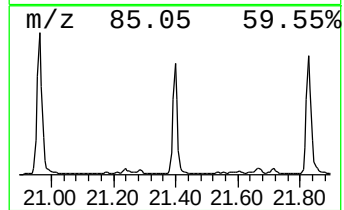
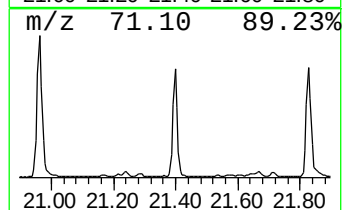
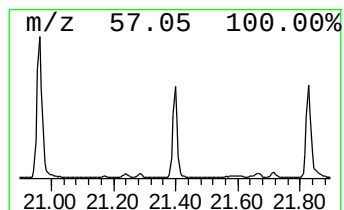
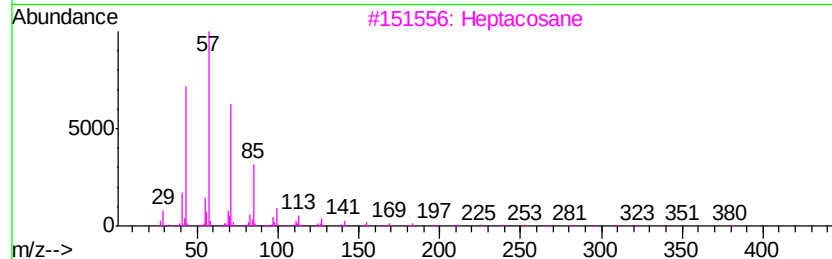
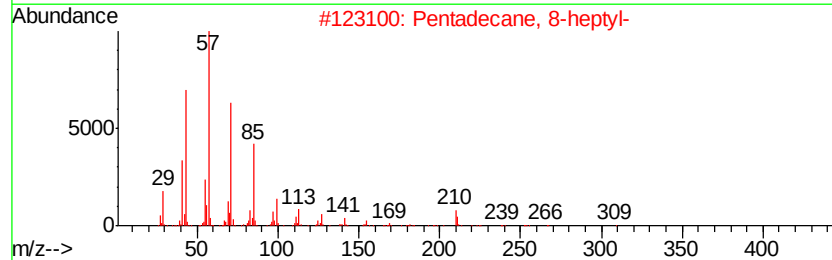
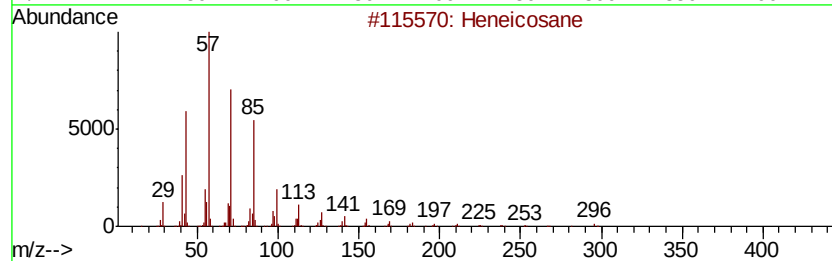
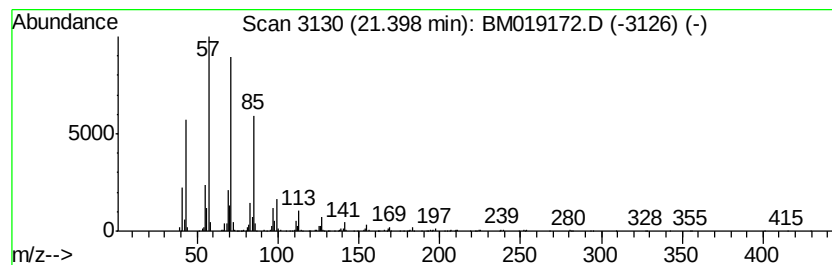
Instrument :
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 6 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.40	3.66 ng	684950	Chrysene-d12	21.26
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	Heptacosane	380 C27H56	000593-49-7	90
4	Octadecane, 2-methyl-	268 C19H40	001560-88-9	90
5	Octadecane	254 C18H38	000593-45-3	87



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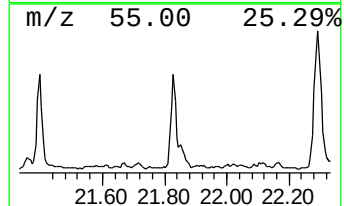
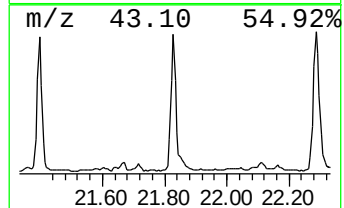
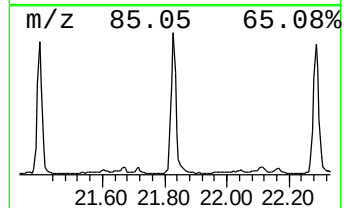
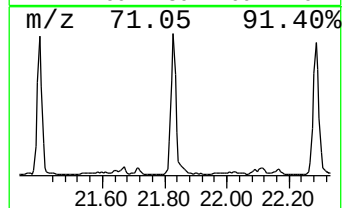
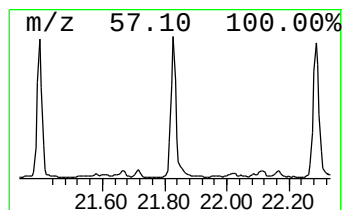
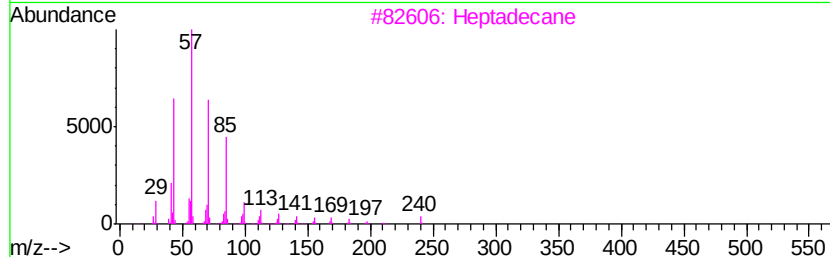
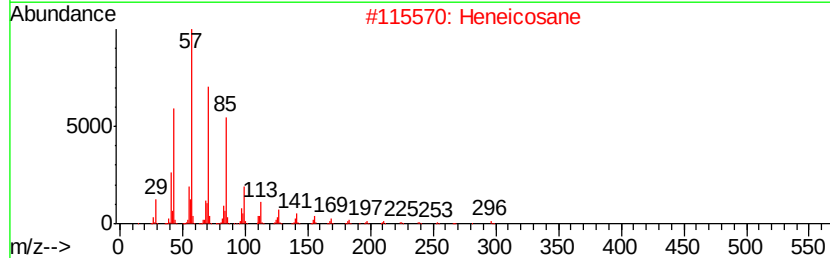
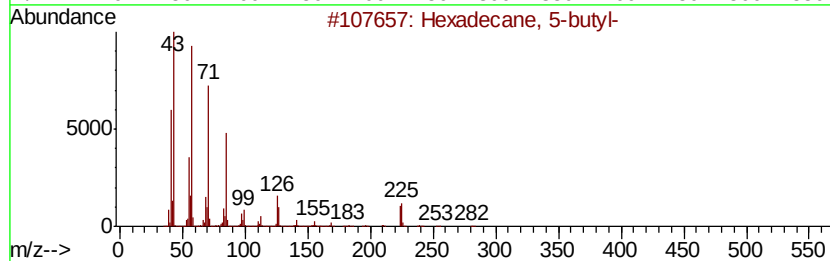
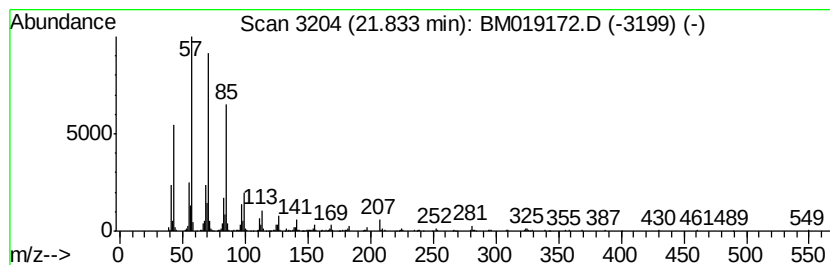
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Hexadecane, 5-butyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.83	4.92 ng	920896	Chrysene-d12	21.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 5-butyl-	282	C20H42	006912-07-8	93
2		Heneicosane	296	C21H44	000629-94-7	90
3		Heptadecane	240	C17H36	000629-78-7	86
4		Nonadecane	268	C19H40	000629-92-5	86
5		Tetracosane	338	C24H50	000646-31-1	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031419\
Data File : BM019172.D
Acq On : 14 Mar 2019 16:52
Operator : JU/SJ
Sample : K1866-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MR-MH-14-COMP

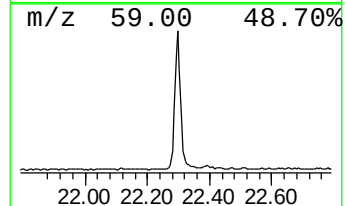
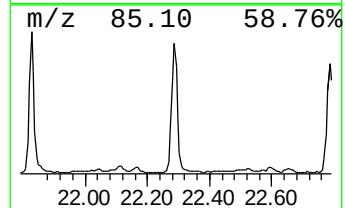
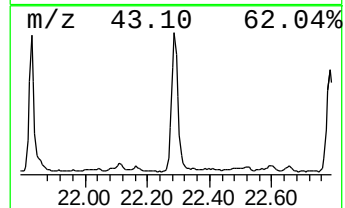
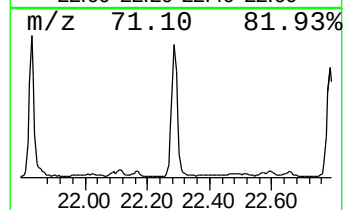
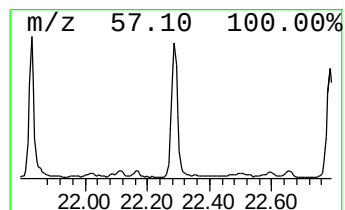
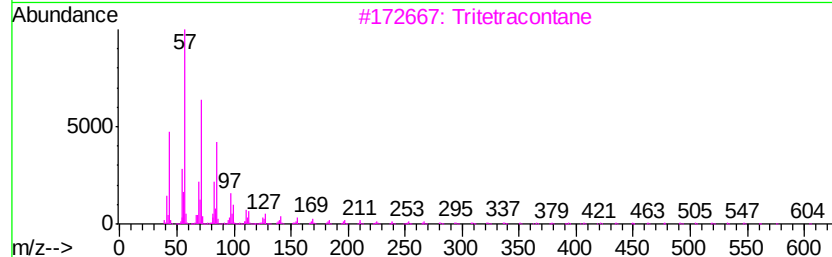
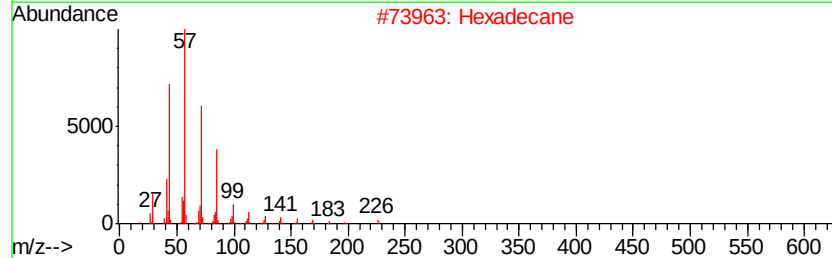
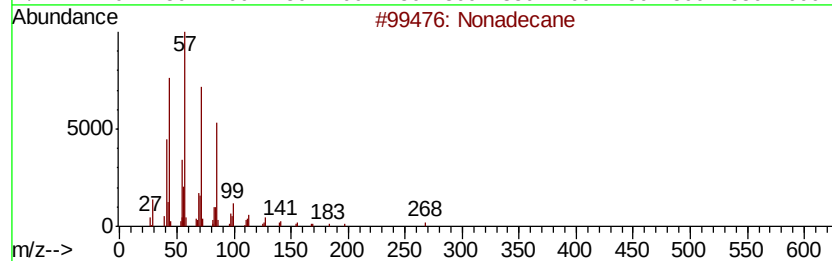
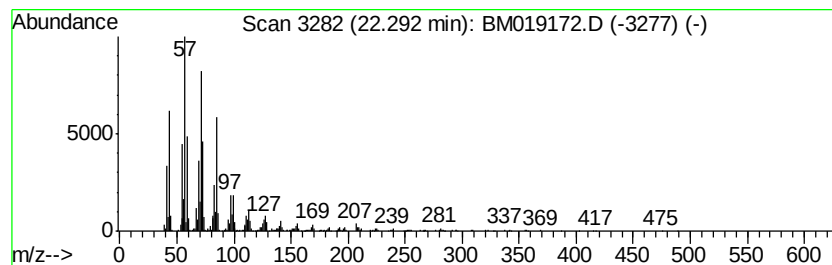
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Nonadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.29	7.50 ng	1404000	Chrysene-d12	21.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	91
2		Hexadecane	226	C16H34	000544-76-3	91
3		Tritetracontane	605	C43H88	007098-21-7	58
4		Octacosane	394	C28H58	000630-02-4	58
5		1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031419\
Data File : BM019172.D
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Operator : JU/SJ
Sample : K1866-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

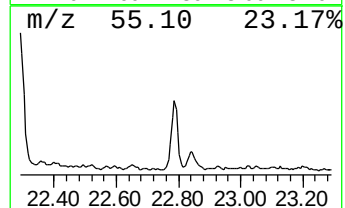
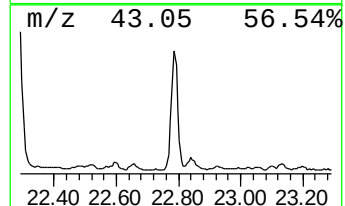
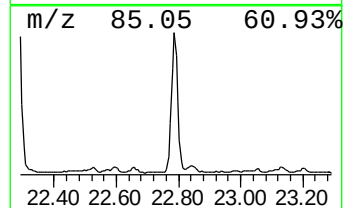
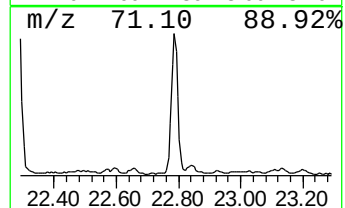
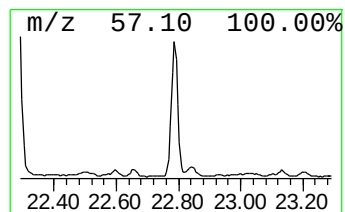
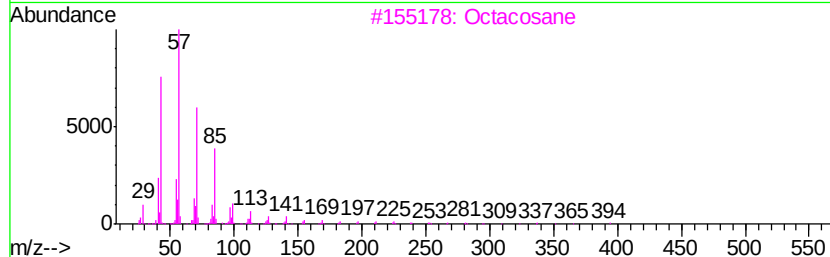
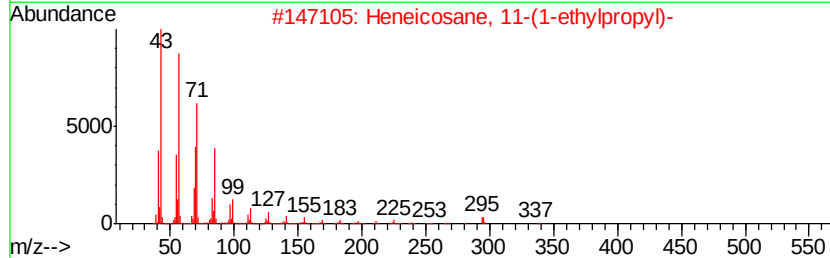
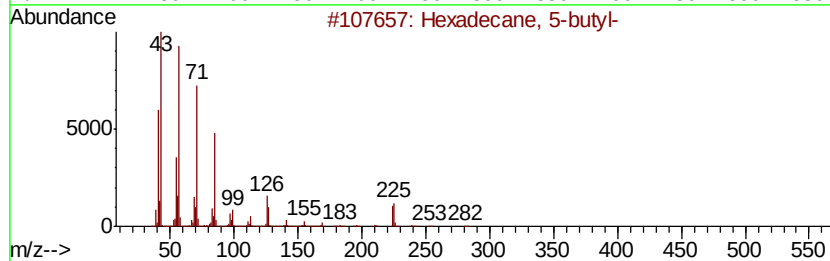
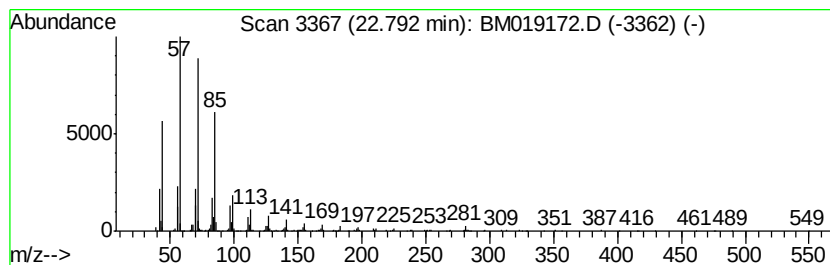
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Hexadecane, 5-butyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
22.79	4.65 ng	702345	Perylene-d12	23.50	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 5-butyl-	282	C20H42	006912-07-8	93
2	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
3	Octacosane	394	C28H58	000630-02-4	90
4	Heptacosane	380	C27H56	000593-49-7	87
5	Hexadecane	226	C16H34	000544-76-3	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031419\
Data File : BM019172.D
Acq On : 14 Mar 2019 16:52
Operator : JU/SJ
Sample : K1866-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MR-MH-14-COMP

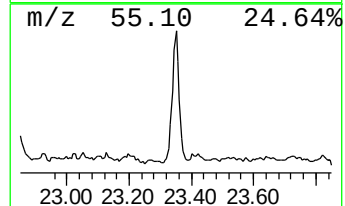
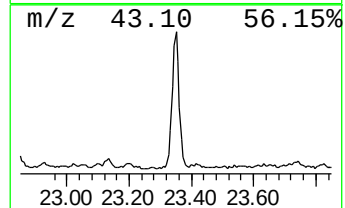
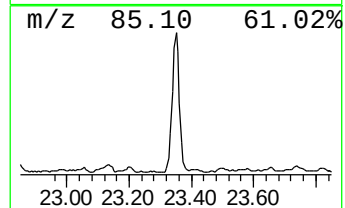
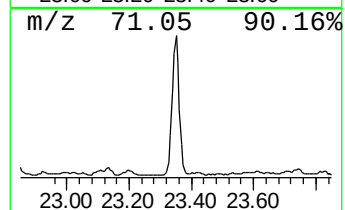
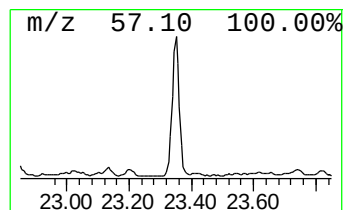
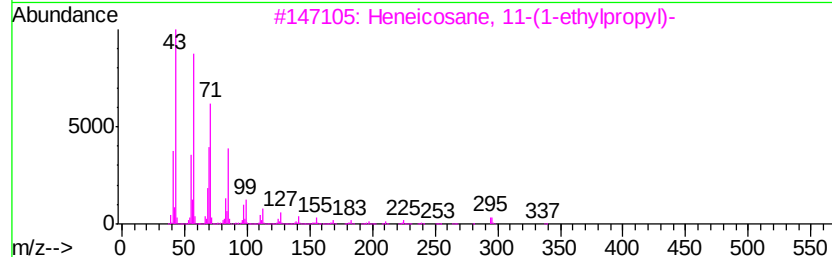
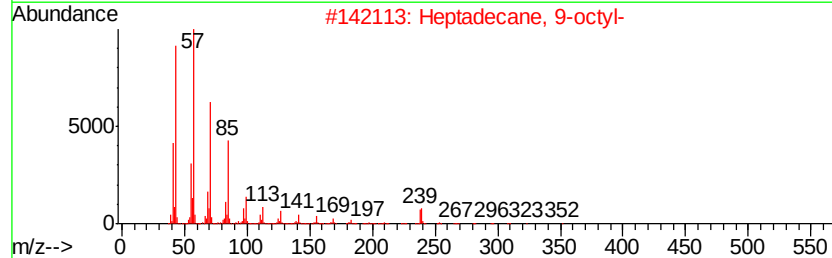
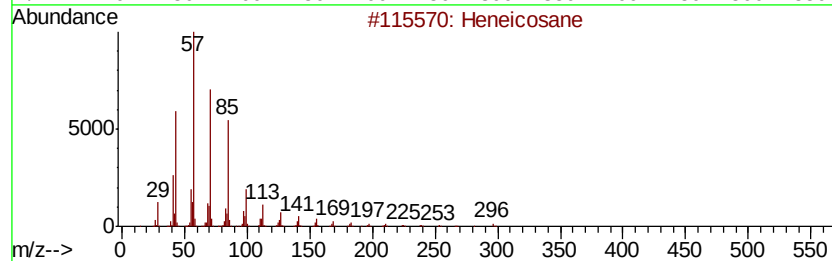
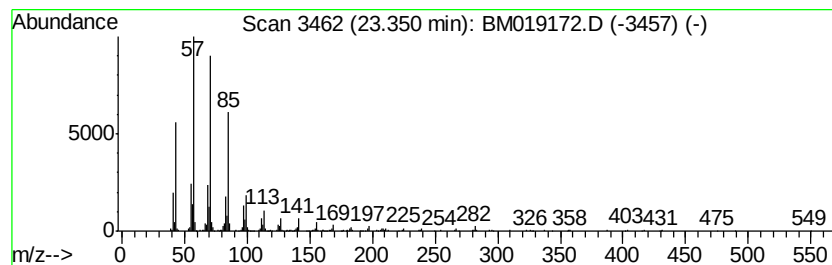
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heptadecane, 9-octyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.35	4.47 ng	674851	Perylene-d12	23.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
4		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
5		Eicosane	282	C20H42	000112-95-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031419\
Data File : BM019172.D
Acq On : 14 Mar 2019 16:52
Operator : JU/SJ
Sample : K1866-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

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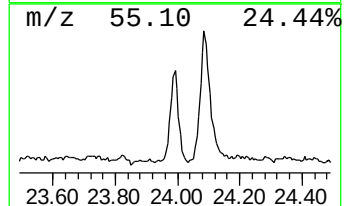
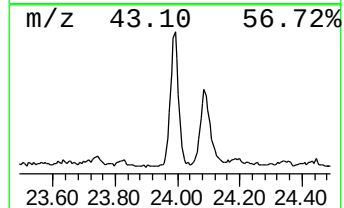
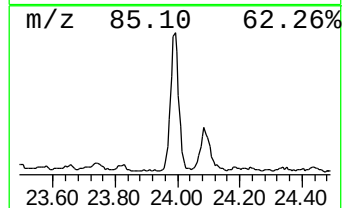
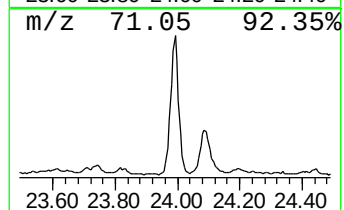
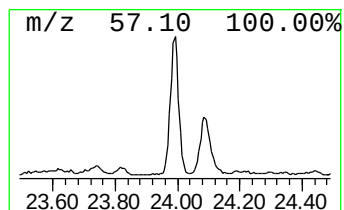
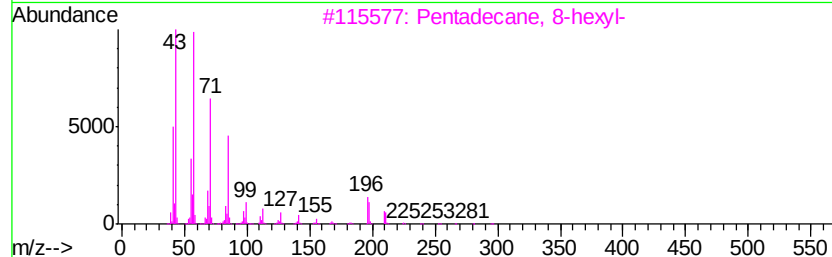
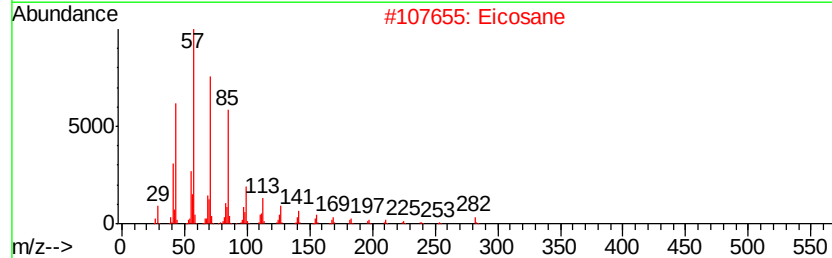
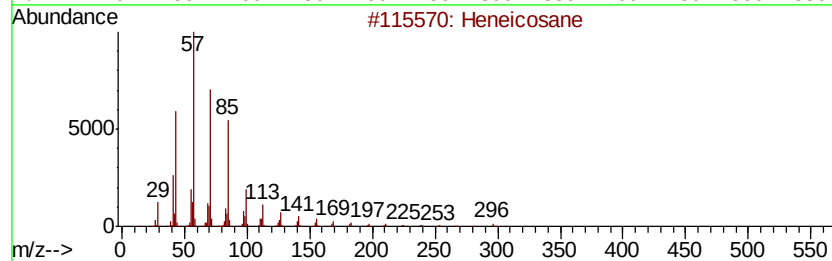
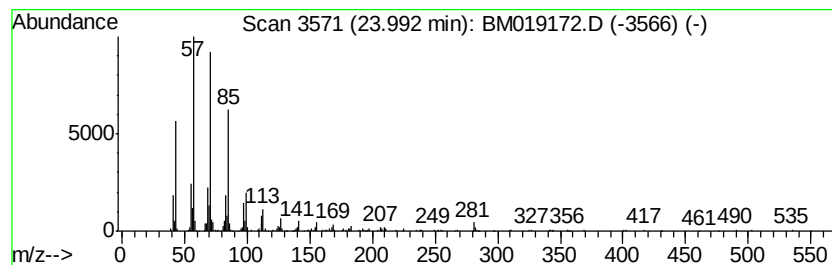
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Eicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.99	3.64 ng	549362	Perylene-d12	23.50

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	90
2			Eicosane	282	C20H42	000112-95-8	89
3			Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	87
4			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	86
5			Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031419\
Data File : BM019172.D
Acq On : 14 Mar 2019 16:52
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Misc :
ALS Vial : 12 Sample Multiplier: 1

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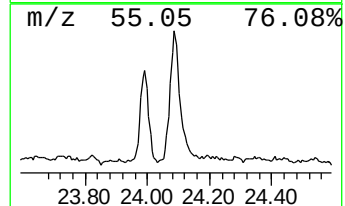
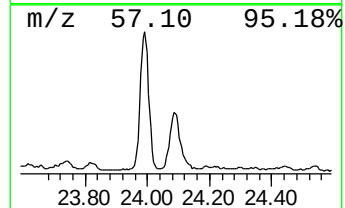
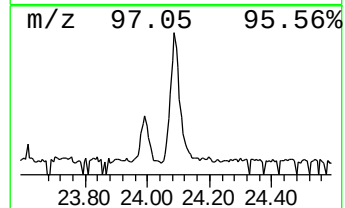
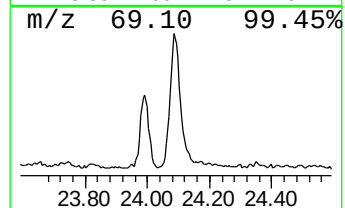
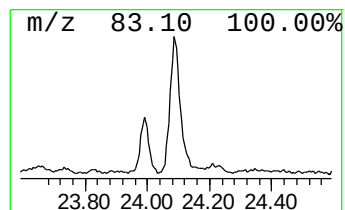
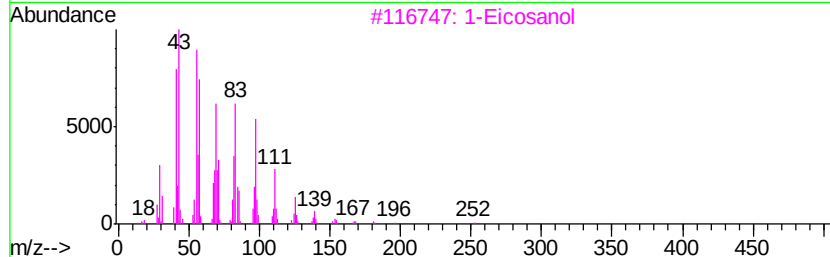
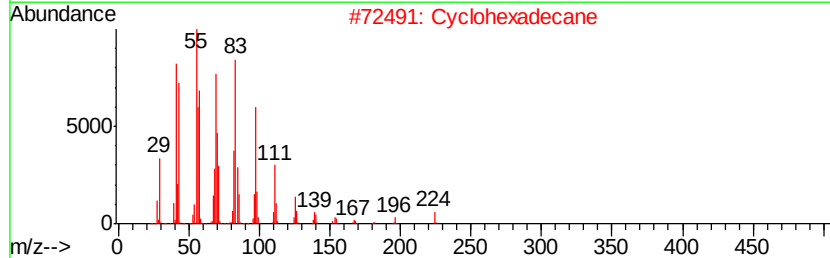
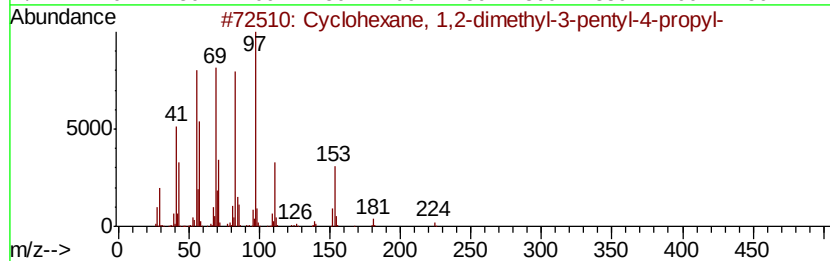
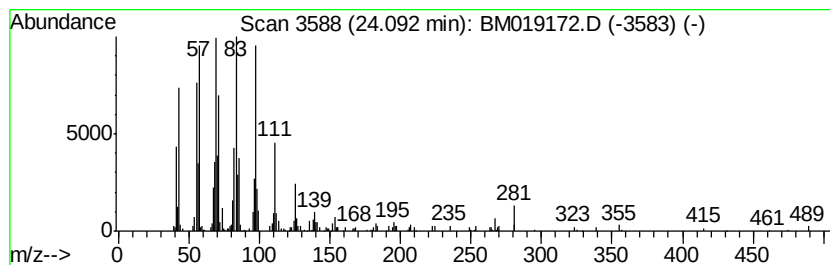
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Cyclohexane, 1,2-dimethyl-3... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.09	3.52 ng	531255	Perylene-d12	23.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,2-dimethyl-3-pent...	224	C16H32	062376-17-4	64
2		Cyclohexadecane	224	C16H32	000295-65-8	60
3		1-Eicosanol	298	C20H42O	000629-96-9	58
4		13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	58
5		1-Docosene	308	C22H44	001599-67-3	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM031419\
Data File : BM019172.D
Acq On : 14 Mar 2019 16:52
Operator : JU/SJ
Sample : K1866-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MR-MH-14-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM031119.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
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n-Hexadecanoic acid	17.96	8.4	ng	1335920	4	17.06	3180560	20.0
Octadecanoic acid	19.24	2.5	ng	476062	5	21.26	3743990	20.0
Ethanol, 2-(tetra...	20.96	11.4	ng	2132450	5	21.26	3743990	20.0
Heneicosane	21.40	3.7	ng	684950	5	21.26	3743990	20.0
Hexadecane, 5-butyl-	21.83	4.9	ng	920896	5	21.26	3743990	20.0
Nonadecane	22.29	7.5	ng	1404000	5	21.26	3743990	20.0
Hexadecane, 5-butyl-	22.79	4.7	ng	702345	6	23.50	3018960	20.0
Heptadecane, 9-oc...	23.35	4.5	ng	674851	6	23.50	3018960	20.0
Eicosane	23.99	3.6	ng	549362	6	23.50	3018960	20.0
Cyclohexane, 1,2-...	24.09	3.5	ng	531255	6	23.50	3018960	20.0