

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022619\
 Data File : BM018937.D
 Acq On : 26 Feb 2019 19:48
 Operator : JU/SJ
 Sample : K1610-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WV-D

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-BM021119.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	5.287	368	374	390	rBV	6562657	9570520	84.60%	9.493%
2	6.875	636	644	663	rBV	6212815	10074612	89.06%	9.993%
3	7.228	697	704	724	rVB	6660605	10490670	92.73%	10.406%
4	7.692	776	783	791	rBV	1242796	1946715	17.21%	1.931%
5	8.010	829	837	852	rBV	4730784	7525180	66.52%	7.465%
6	8.863	974	982	998	rBV	3609541	6012087	53.15%	5.964%
7	10.481	1250	1257	1270	rBV	1442226	2398349	21.20%	2.379%
8	12.957	1671	1678	1694	rBV	7194171	10381736	91.77%	10.298%
9	13.804	1812	1822	1829	rBV	328218	509251	4.50%	0.505%
10	14.345	1901	1914	1921	rBV2	1830076	2778305	24.56%	2.756%
11	15.839	2162	2168	2188	rBV	5582730	7956942	70.34%	7.893%
12	17.098	2375	2382	2387	rBV2	1996710	2862363	25.30%	2.839%
13	17.986	2527	2533	2543	rBV	1052846	1532404	13.55%	1.520%
14	19.156	2728	2732	2738	rVB	273845	394277	3.49%	0.391%
15	19.268	2747	2751	2762	rBV2	356268	558830	4.94%	0.554%
16	19.527	2791	2795	2803	rVB	187484	285577	2.52%	0.283%
17	19.733	2824	2830	2835	rBV	9198163	11312557	100.00%	11.221%
18	20.027	2877	2880	2885	rVB2	105270	123412	1.09%	0.122%
19	20.527	2961	2965	2969	rBV	125490	152105	1.34%	0.151%
20	20.992	3039	3044	3053	rBV	1161130	1632198	14.43%	1.619%
21	21.198	3075	3079	3083	rBV	569685	632056	5.59%	0.627%
22	21.292	3089	3095	3099	rBV	2870907	3659867	32.35%	3.630%
23	21.427	3115	3118	3124	rVB	282585	292290	2.58%	0.290%
24	21.856	3188	3191	3195	rBV	379096	493361	4.36%	0.489%
25	22.321	3266	3270	3277	rVB	510341	646715	5.72%	0.642%
26	22.827	3352	3356	3361	rBV	731823	993358	8.78%	0.985%
27	23.391	3448	3452	3458	rBV	426605	634528	5.61%	0.629%
28	23.539	3471	3477	3490	rVB2	1978410	3831474	33.87%	3.801%
29	24.038	3558	3562	3570	rVB	586969	1130847	10.00%	1.122%

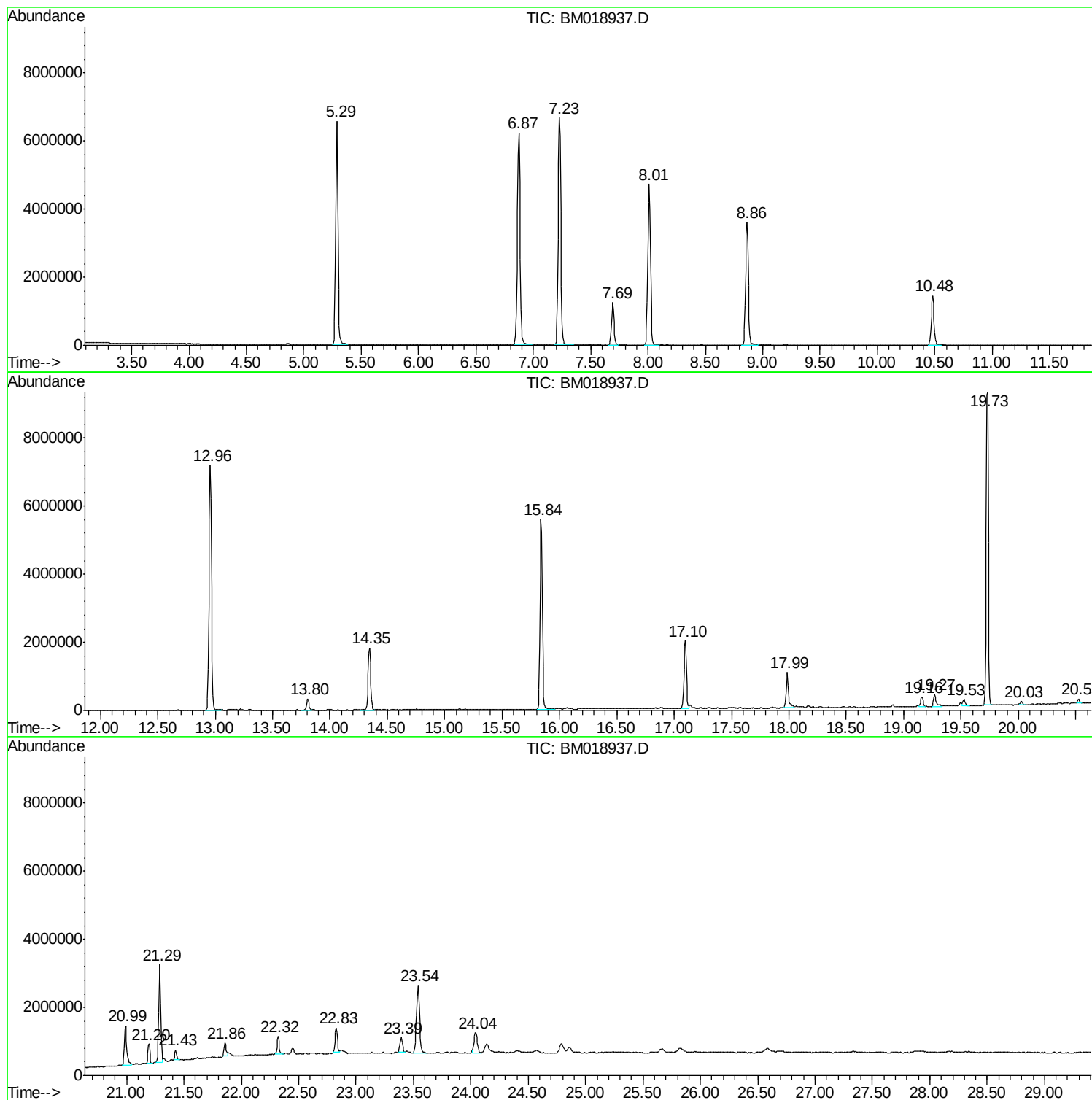
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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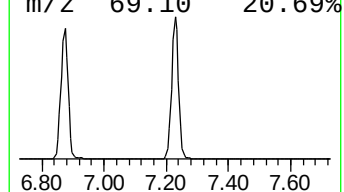
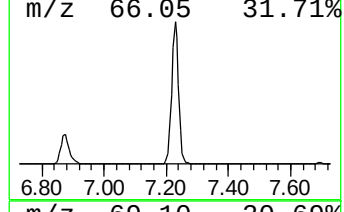
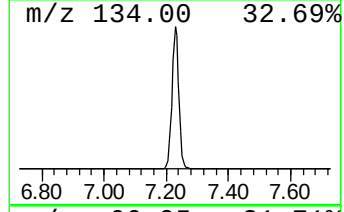
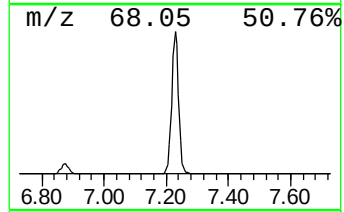
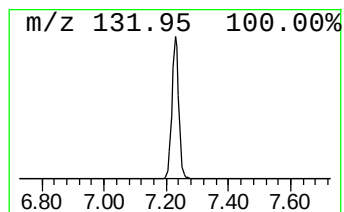
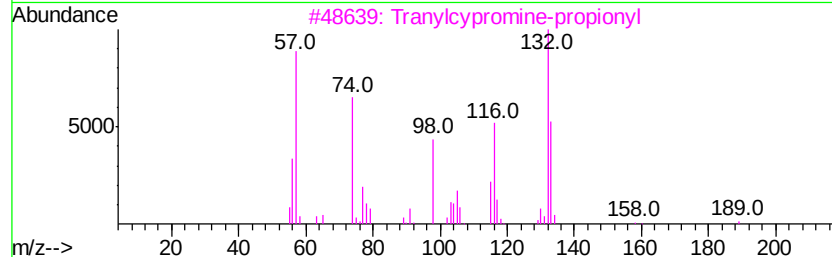
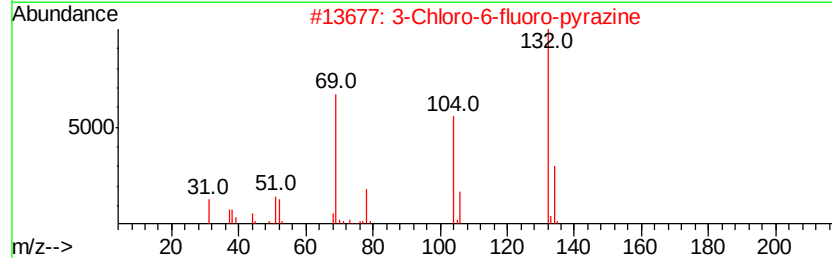
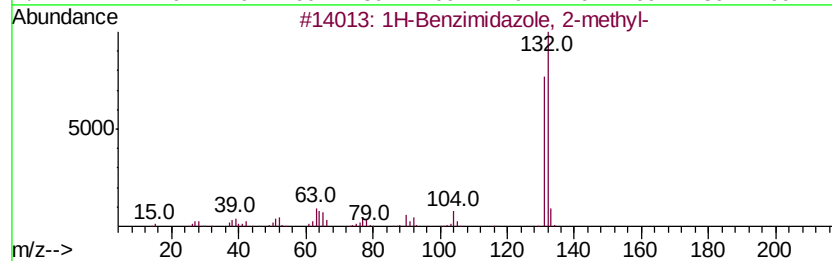
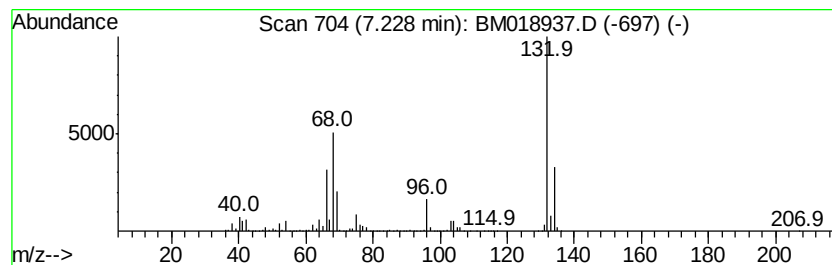
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown7.23 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.23	107.78 ng	10490700	1,4-Dichlorobenzene-d4	7.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5		2-Cyclohexen-1-one	96	C6H8O	000930-68-7	11



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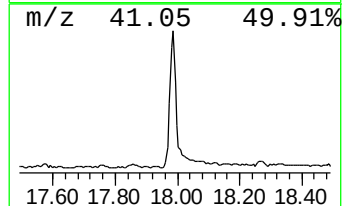
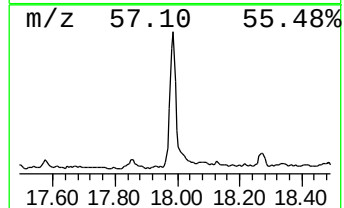
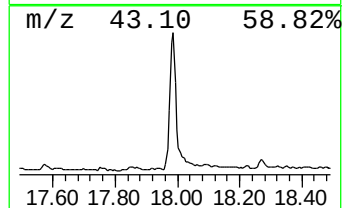
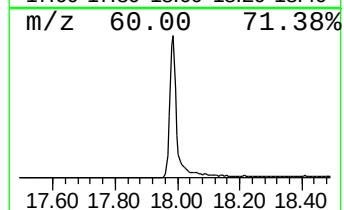
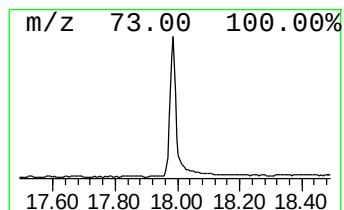
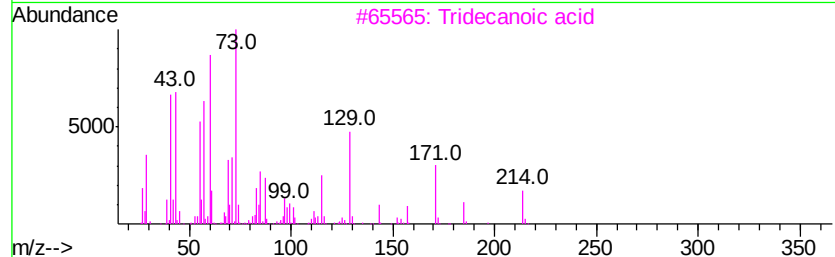
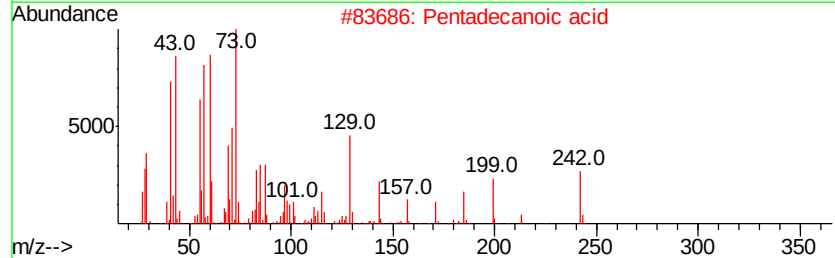
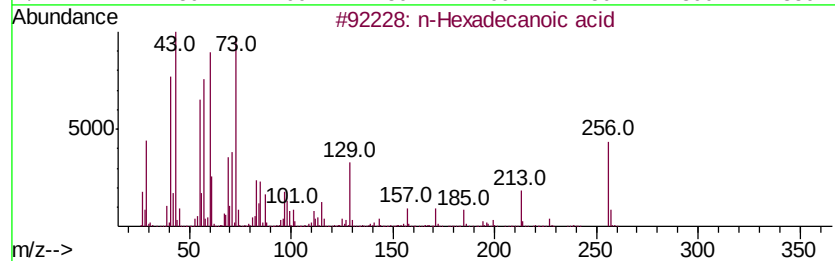
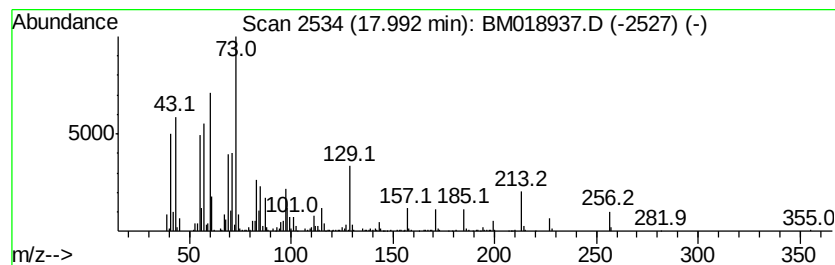
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 Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	10.71 ng	1532400	Phenanthrene-d10	17.10

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3		Tridecanoic acid	214	C13H26O2	000638-53-9	64
4		Dodecane	170	C12H26	000112-40-3	25
5		Tridecane	184	C13H28	000629-50-5	25



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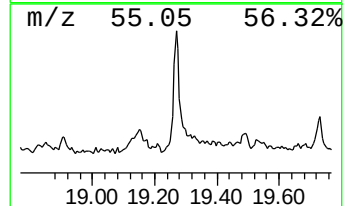
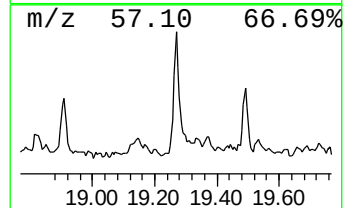
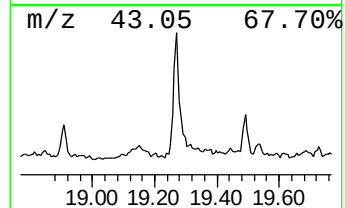
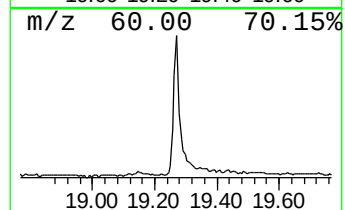
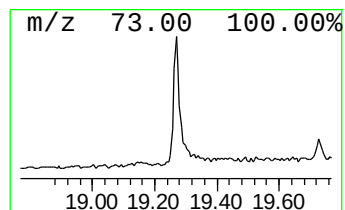
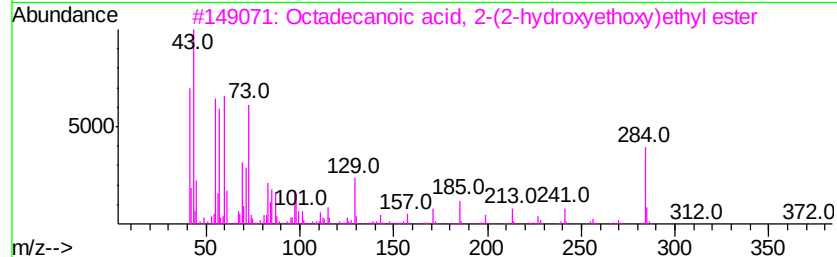
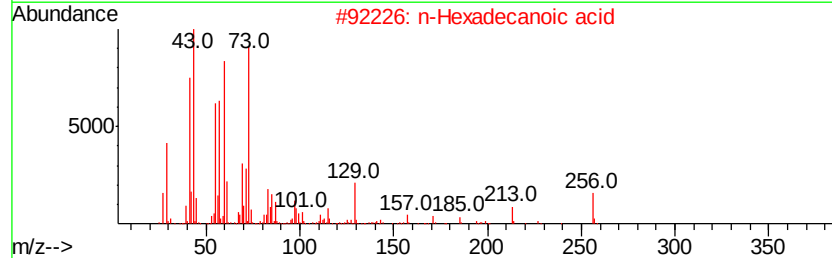
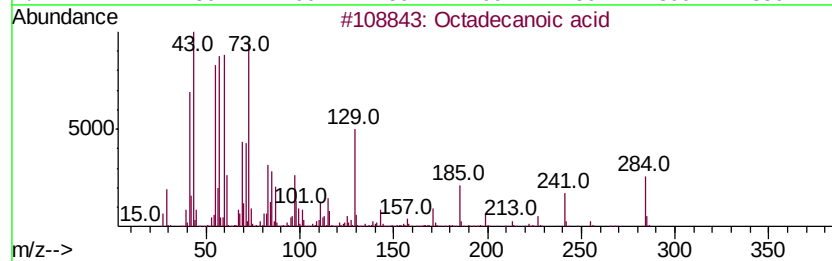
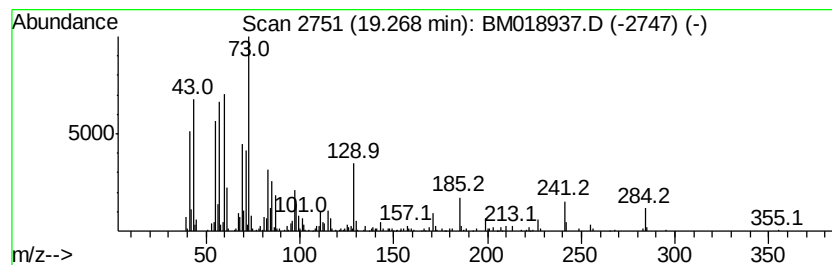
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 Peak Number 4 Octadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.27	3.05 ng	558830	Chrysene-d12	21.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
3		Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	87
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	83
5		n-Decanoic acid	172	C10H20O2	000334-48-5	38



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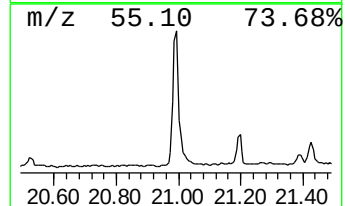
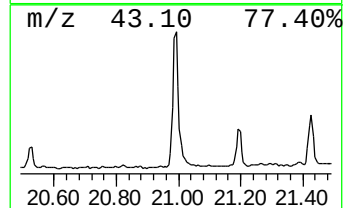
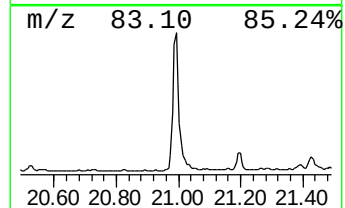
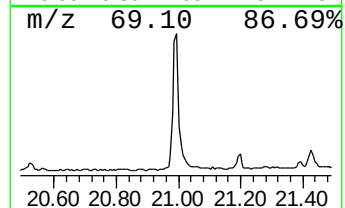
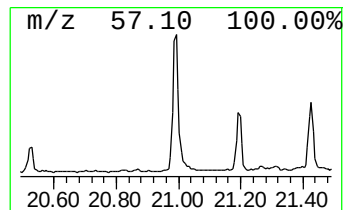
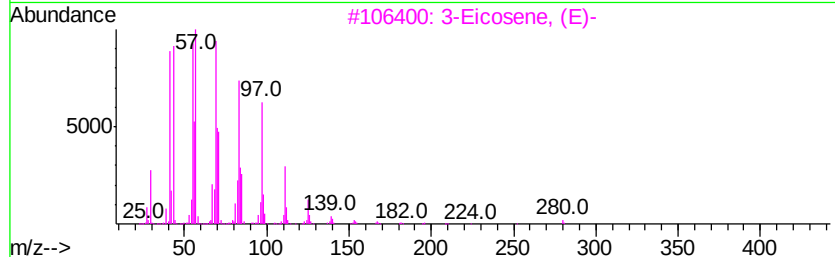
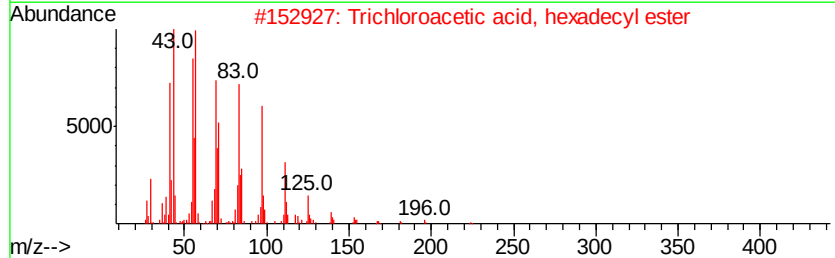
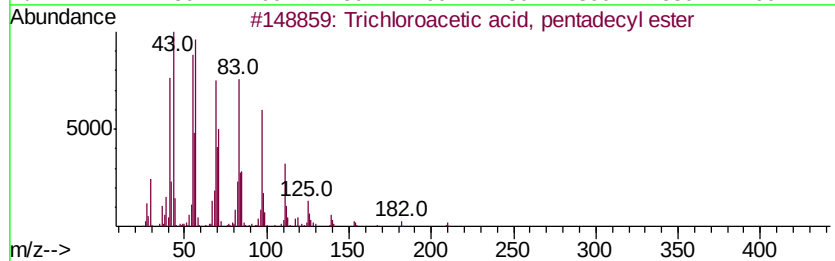
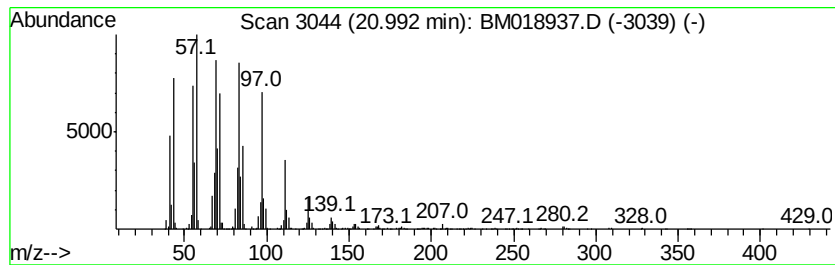
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Peak Number 5 Trichloroacetic acid, penta... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.99	8.92 ng	1632200	Chrysene-d12	21.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
2		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
3		3-Eicosene, (E)-	280	C20H40	074685-33-9	87
4		Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	83
5		9-Octadecene, (E)-	252	C18H36	007206-25-9	83



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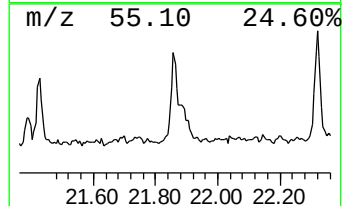
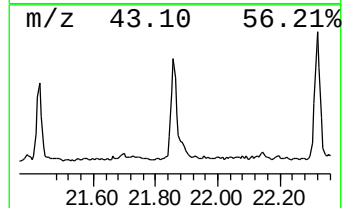
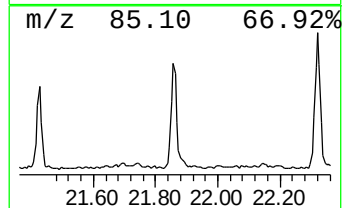
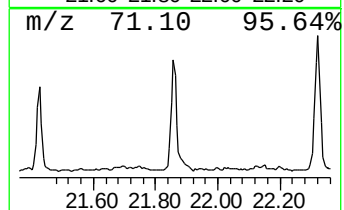
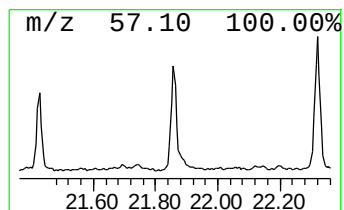
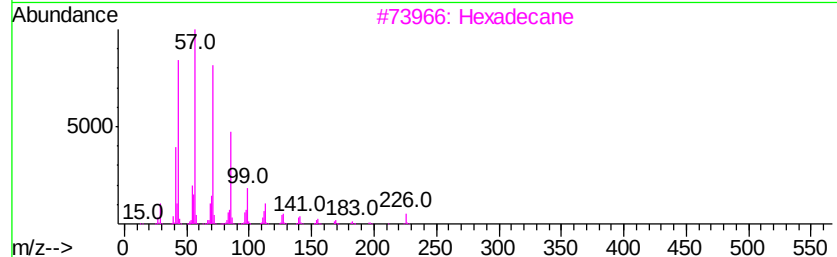
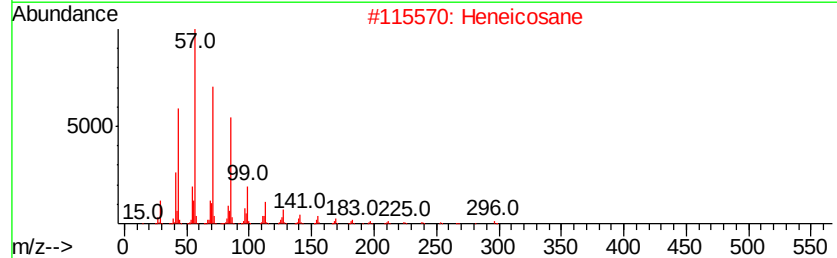
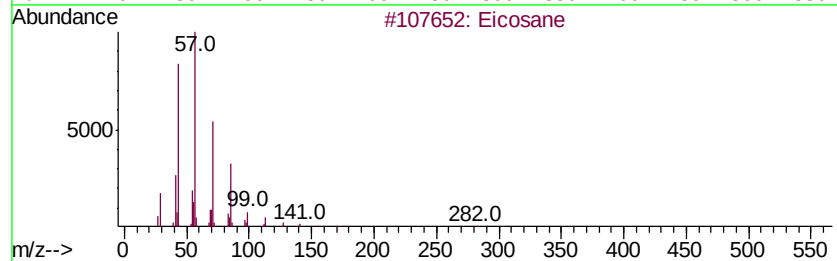
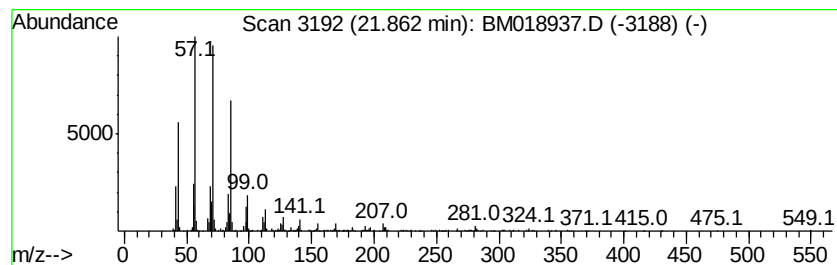
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 6 Eicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.86	2.70 ng	493361	Chrysene-d12	21.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	93
2		Heneicosane	296	C21H44	000629-94-7	91
3		Hexadecane	226	C16H34	000544-76-3	90
4		Tetracosane	338	C24H50	000646-31-1	90
5		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90



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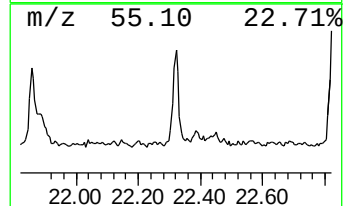
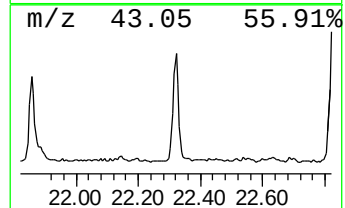
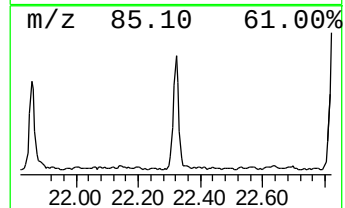
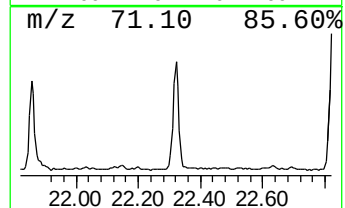
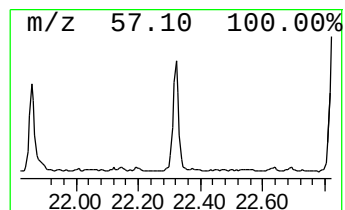
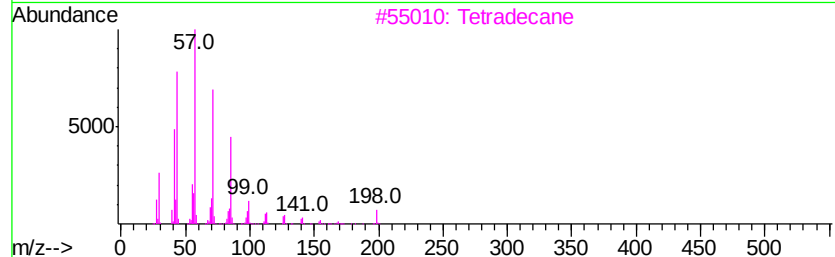
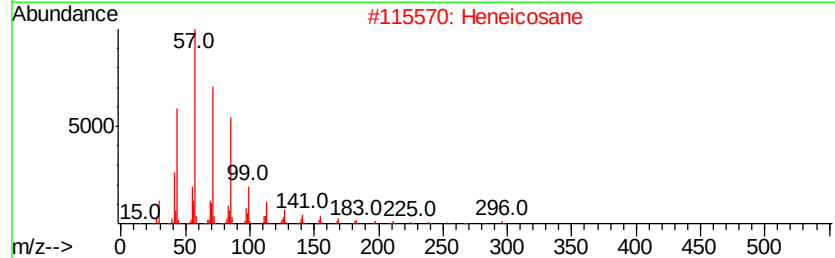
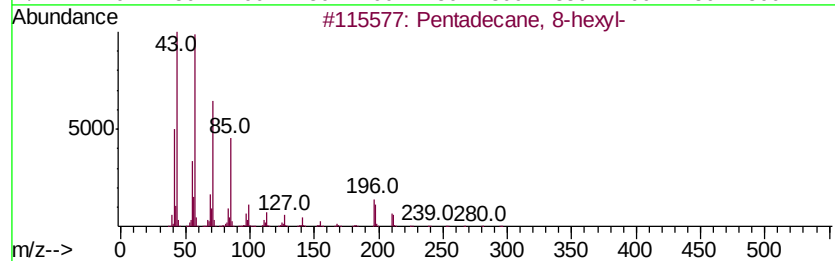
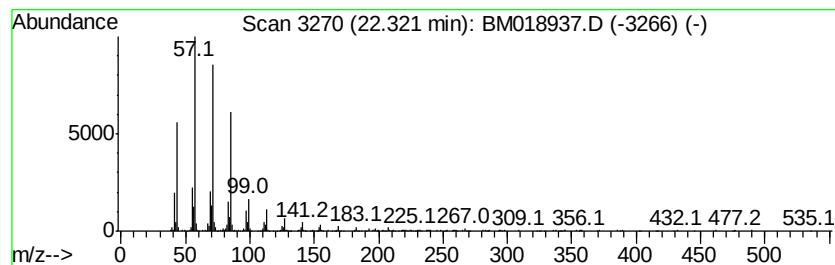
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Pentadecane, 8-hexyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.32	3.53 ng	646715	Chrysene-d12	21.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
2		Heneicosane	296	C21H44	000629-94-7	91
3		Tetradecane	198	C14H30	000629-59-4	87
4		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87
5		Octadecane	254	C18H38	000593-45-3	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022619\
Data File : BM018937.D
Acq On : 26 Feb 2019 19:48
Operator : JU/SJ
Sample : K1610-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

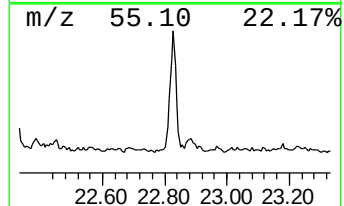
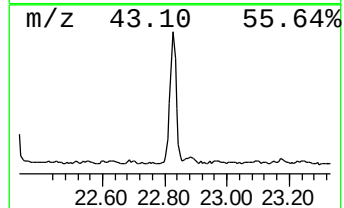
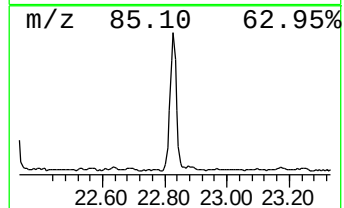
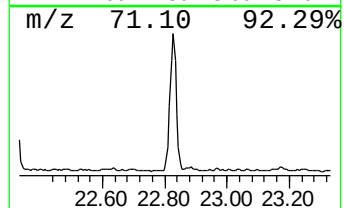
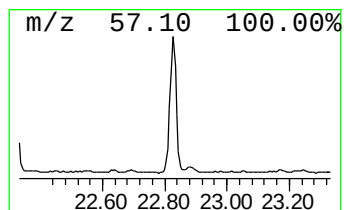
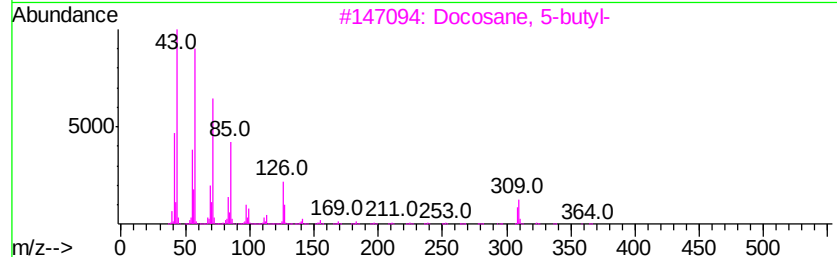
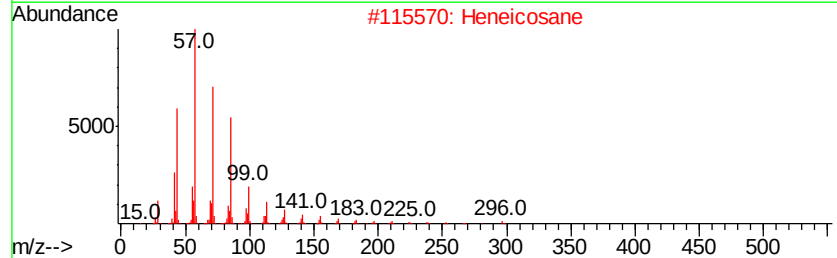
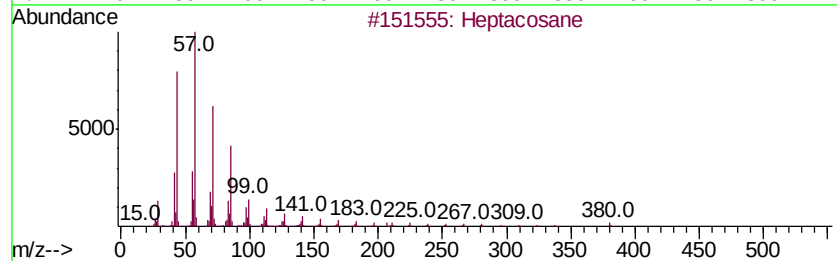
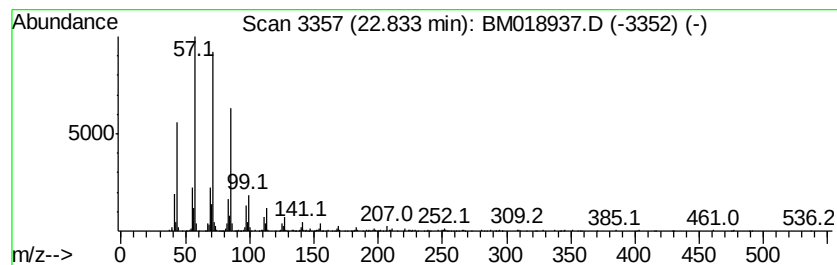
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heptacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.83	5.19 ng	993358	Perylene-d12	23.54
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heptacosane	380 C27H56	000593-49-7	91
2	Heneicosane	296 C21H44	000629-94-7	91
3	Docosane, 5-butyl-	366 C26H54	055282-16-1	90
4	Octadecane, 1-iodo-	380 C18H37I	000629-93-6	86
5	Octadecane	254 C18H38	000593-45-3	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022619\
 Data File : BM018937.D
 Acq On : 26 Feb 2019 19:48
 Operator : JU/SJ
 Sample : K1610-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

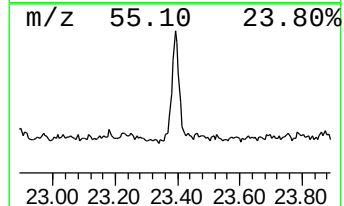
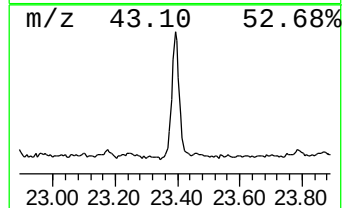
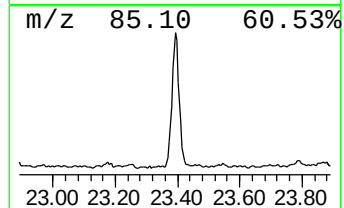
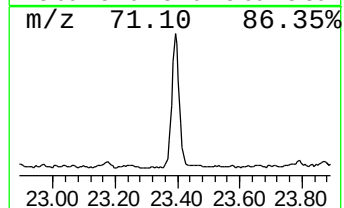
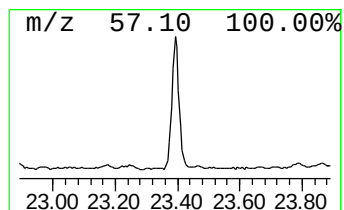
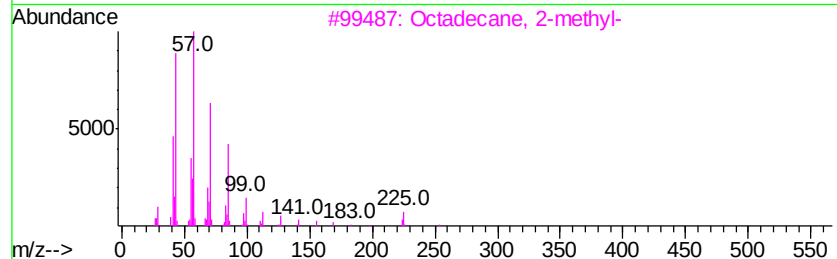
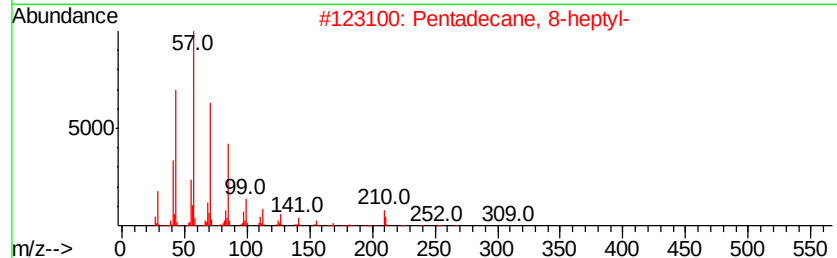
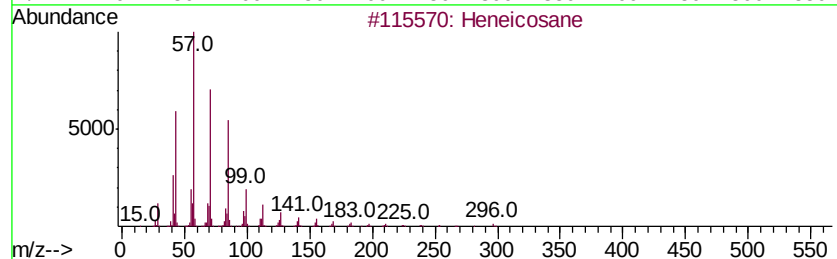
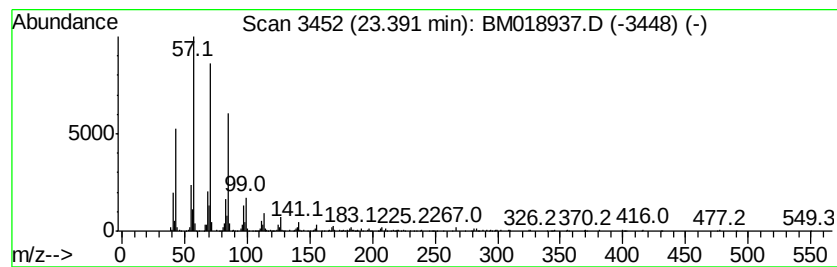
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 ClientSampleId :
 WV-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 9 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.39	3.31 ng	634528	Perylene-d12	23.54
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	Octadecane, 2-methyl-	268 C19H40	001560-88-9	90
4	Dodecane, 1-iodo-	296 C12H25I	004292-19-7	86
5	Nonadecane	268 C19H40	000629-92-5	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022619\
Data File : BM018937.D
Acq On : 26 Feb 2019 19:48
Operator : JU/SJ
Sample : K1610-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WV-D

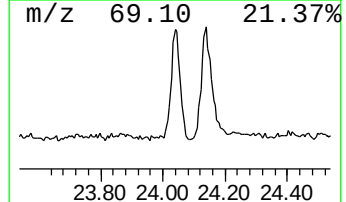
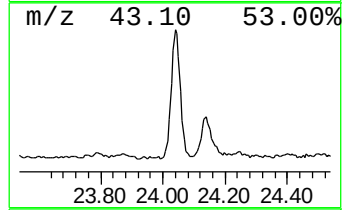
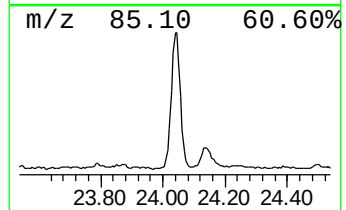
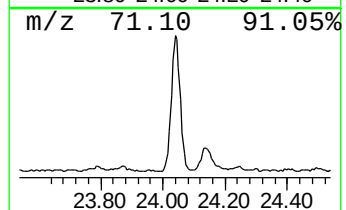
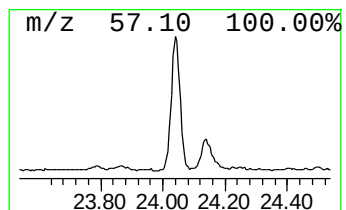
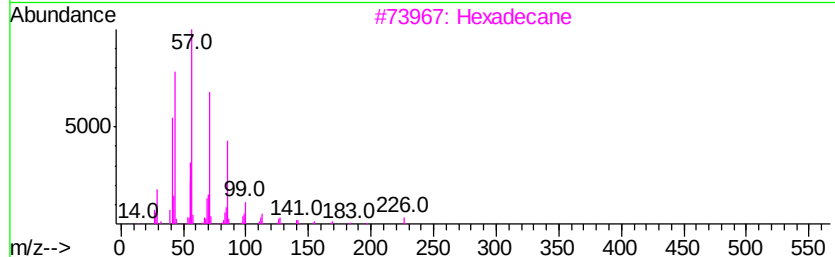
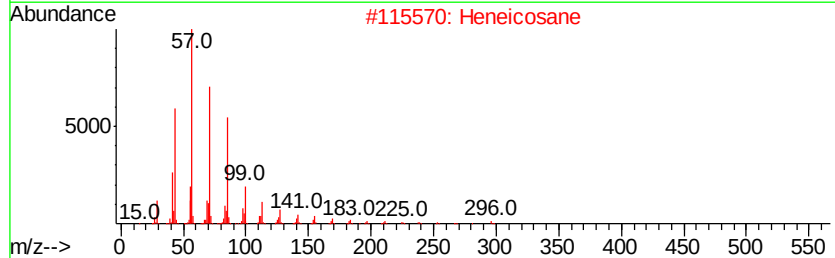
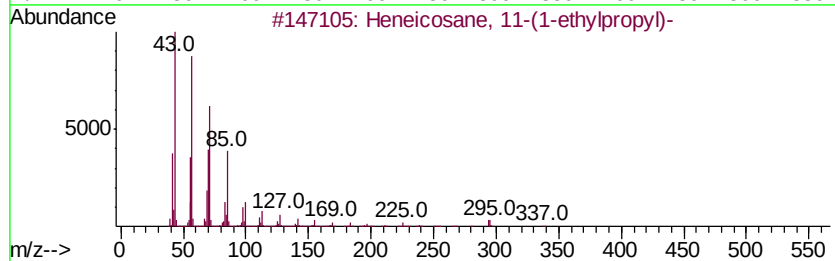
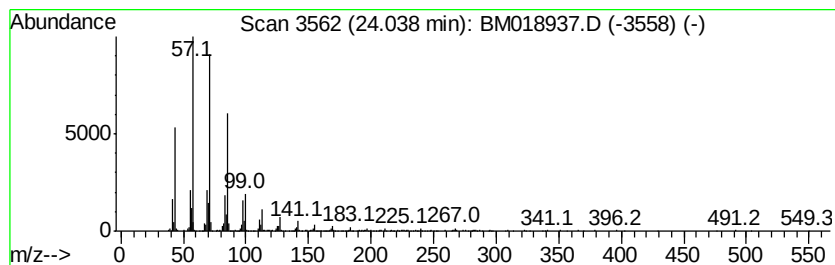
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heneicosane, 11-(1-ethylpro... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.04	5.90 ng	1130850	Perylene-d12	23.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Hexadecane	226	C16H34	000544-76-3	90
4		Docosane, 9-butyl-	366	C26H54	055282-14-9	90
5		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM022619\
 Data File : BM018937.D
 Acq On : 26 Feb 2019 19:48
 Operator : JU/SJ
 Sample : K1610-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WV-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.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
unknown7.23	7.23	107.8	ng	10490700	1	7.69	1946720	20.0
n-Hexadecanoic acid	17.99	10.7	ng	1532400	4	17.10	2862360	20.0
Octadecanoic acid	19.27	3.0	ng	558830	5	21.29	3659870	20.0
Trichloroacetic a...	20.99	8.9	ng	1632200	5	21.29	3659870	20.0
Eicosane	21.86	2.7	ng	493361	5	21.29	3659870	20.0
Pentadecane, 8-he...	22.32	3.5	ng	646715	5	21.29	3659870	20.0
Heptacosane	22.83	5.2	ng	993358	6	23.54	3831470	20.0
Heneicosane	23.39	3.3	ng	634528	6	23.54	3831470	20.0
Heneicosane, 11-(...	24.04	5.9	ng	1130850	6	23.54	3831470	20.0