

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM031919\
 Data File : BM019256.D
 Acq On : 20 Mar 2019 06:30
 Operator : JU/SJ
 Sample : K1948-07
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 INV-025-SW01-031319

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	5.234	376	382	395	rBV	3333567	4937862	42.11%	7.320%
2	6.816	644	651	671	rBV	3549793	5843397	49.83%	8.663%
3	7.169	704	711	726	rBV	3717123	5740017	48.95%	8.510%
4	7.634	782	790	798	rBV	591309	930896	7.94%	1.380%
5	7.951	836	844	853	rBV	2328275	3717033	31.70%	5.510%
6	8.804	978	989	1002	rBV	1941216	3258640	27.79%	4.831%
7	10.422	1256	1264	1284	rBV	743865	1348189	11.50%	1.999%
8	12.904	1679	1686	1700	rBV	4925210	7259793	61.91%	10.763%
9	13.133	1721	1725	1734	rVB3	86662	132426	1.13%	0.196%
10	13.757	1825	1831	1839	rBV	326972	518003	4.42%	0.768%
11	14.292	1914	1922	1928	rBV2	1320740	2053777	17.52%	3.045%
12	15.792	2167	2177	2195	rBV	5103370	7130054	60.81%	10.570%
13	17.045	2384	2390	2406	rBV2	1735628	2579271	22.00%	3.824%
14	17.939	2536	2542	2552	rBV	517948	849347	7.24%	1.259%
15	18.762	2675	2682	2687	rBV	266291	381253	3.25%	0.565%
16	19.227	2756	2761	2770	rBV2	143417	251808	2.15%	0.373%
17	19.686	2833	2839	2849	rBV	10033010	11725785	100.00%	17.383%
18	20.950	3049	3054	3066	rBV	1136837	1617357	13.79%	2.398%
19	21.250	3099	3105	3116	rBV	2010073	2923295	24.93%	4.334%
20	21.839	3202	3205	3214	rVB3	200414	340408	2.90%	0.505%
21	22.268	3275	3278	3284	rVB	133167	169242	1.44%	0.251%
22	22.768	3360	3363	3367	rVB	167934	210297	1.79%	0.312%
23	22.827	3369	3373	3381	rVB4	166939	301710	2.57%	0.447%
24	23.327	3455	3458	3465	rVB2	129550	185976	1.59%	0.276%
25	23.474	3477	3483	3495	rVB	1183430	2336557	19.93%	3.464%
26	23.962	3563	3566	3575	rVB3	141954	275019	2.35%	0.408%
27	24.062	3580	3583	3597	rVB3	193296	436526	3.72%	0.647%

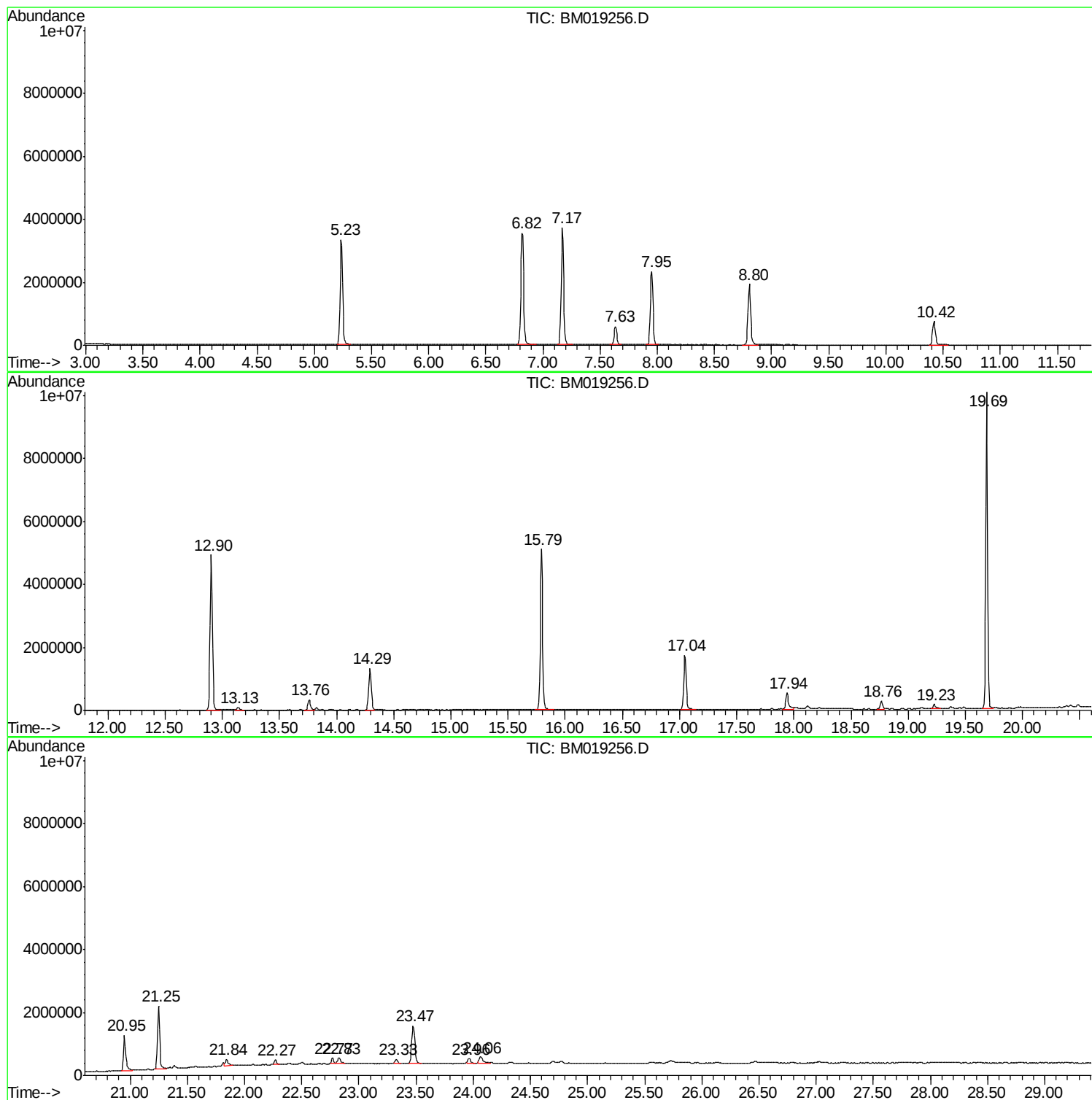
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM031119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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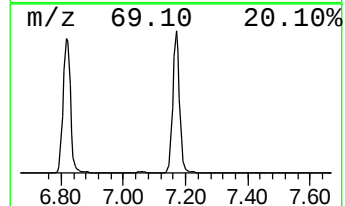
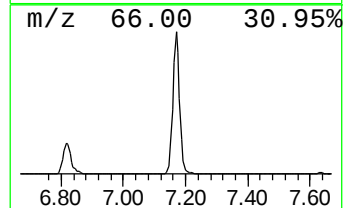
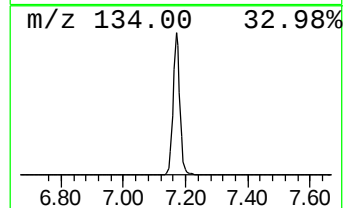
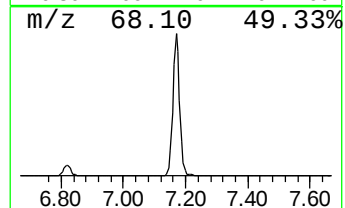
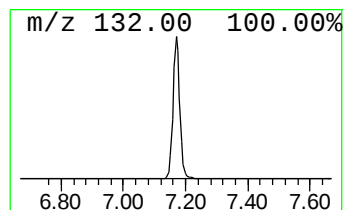
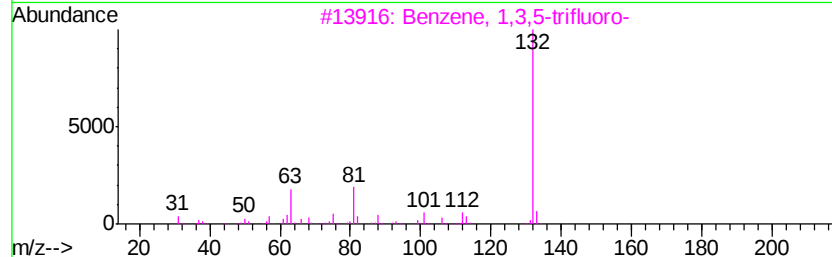
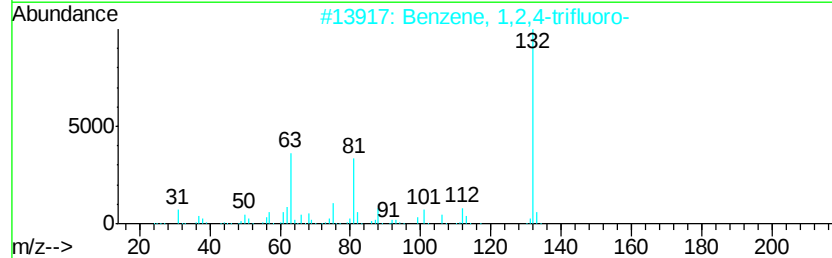
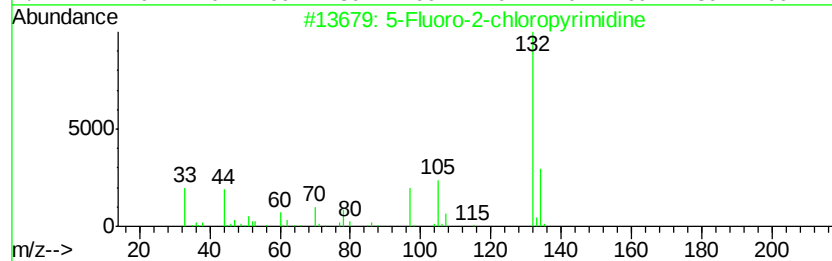
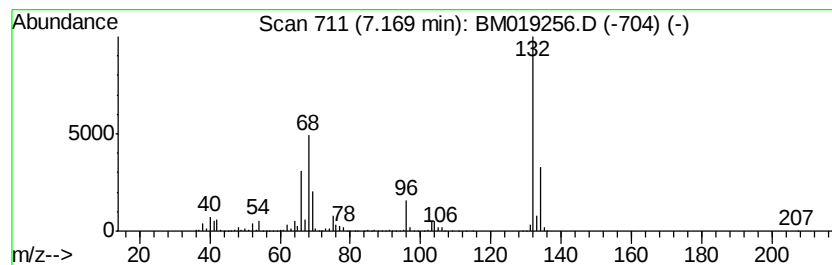
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown7.17 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.17	123.32 ng	5740020	1,4-Dichlorobenzene-d4	7.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
2		Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9
3		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
4		Xenon	132	Xe	007440-63-3	9
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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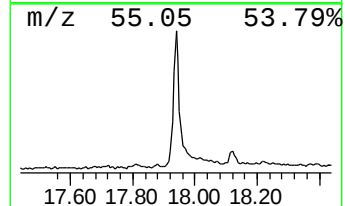
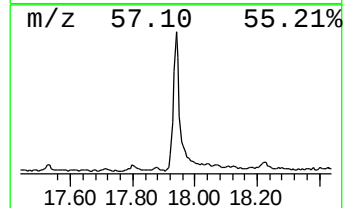
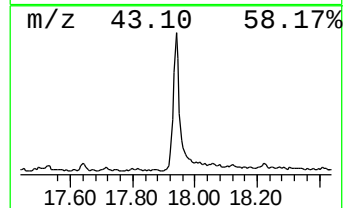
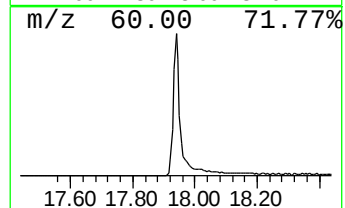
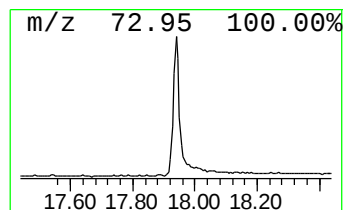
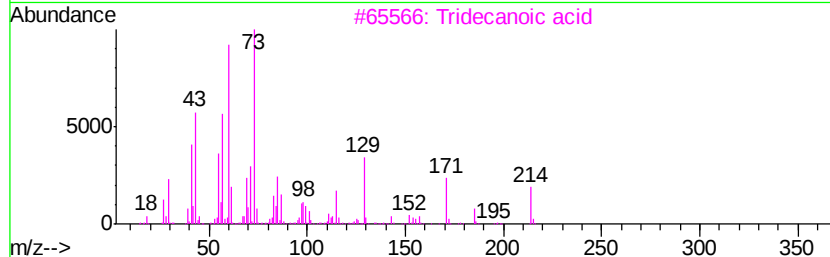
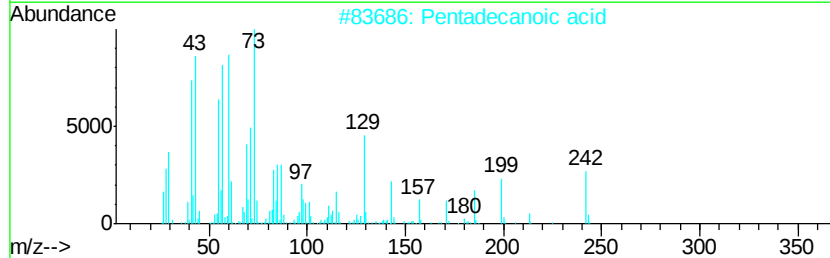
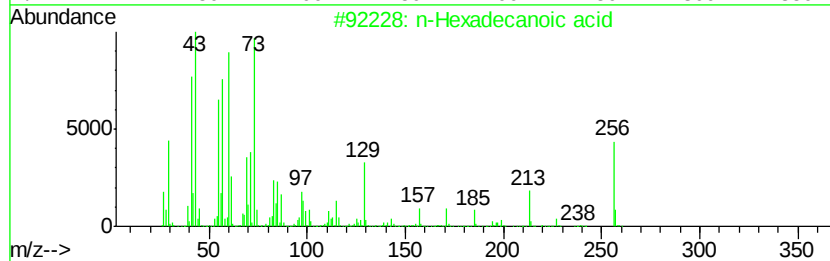
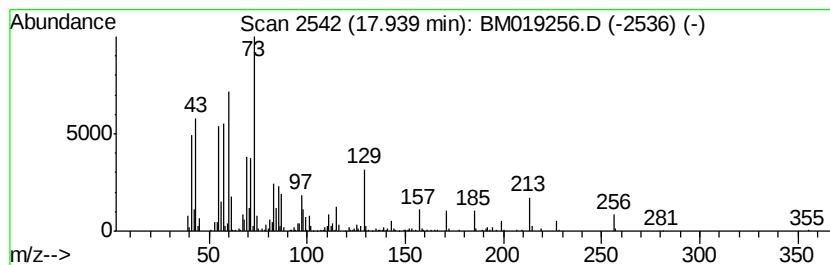
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.94	6.59 ng	849347	Phenanthrene-d10	17.04	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
3	Tridecanoic acid	214	C13H26O2	000638-53-9	64
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	n-Decanoic acid	172	C10H20O2	000334-48-5	43



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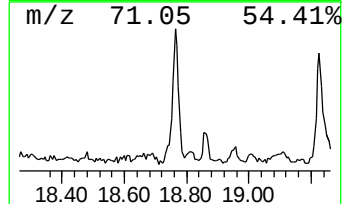
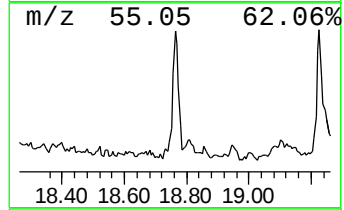
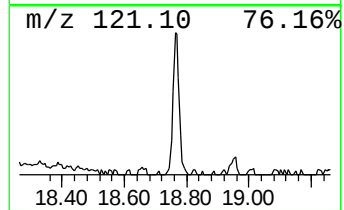
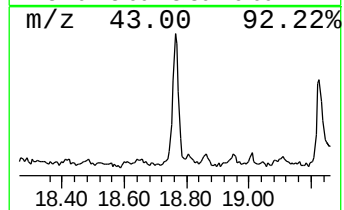
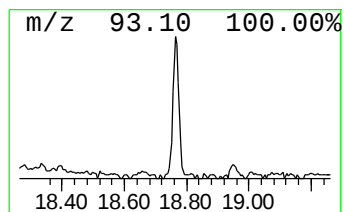
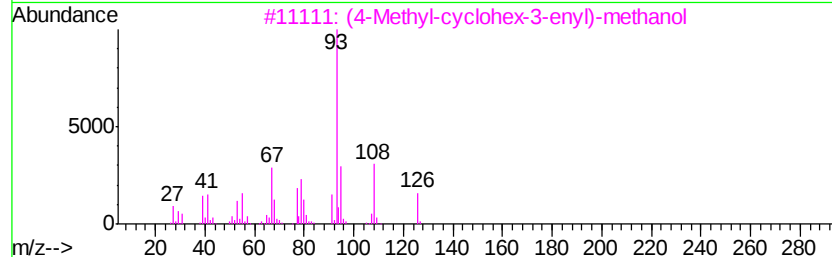
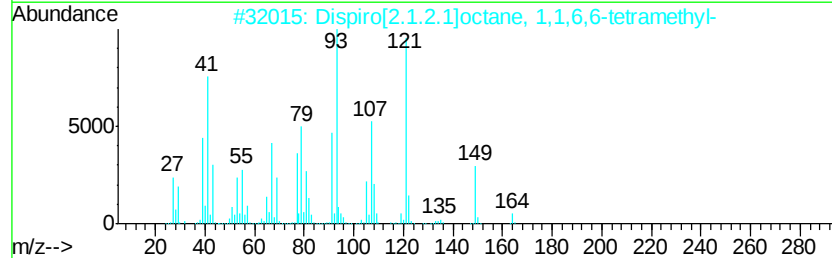
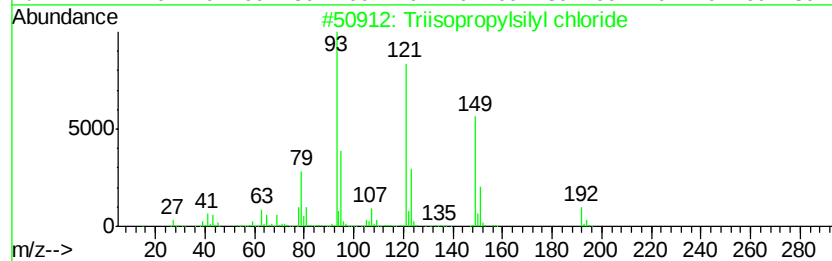
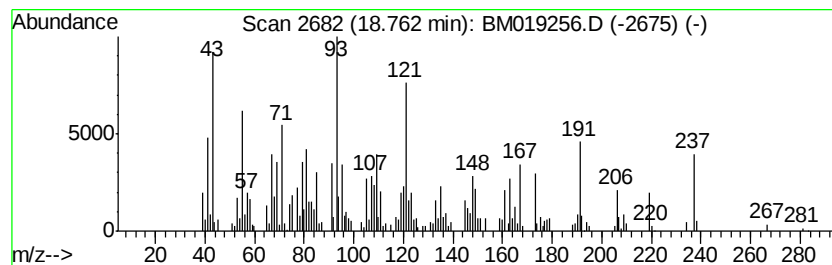
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Peak Number 4 unknown18.76 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.76	2.96 ng	381253	Phenanthrene-d10	17.04	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triisopropylsilyl chloride	192	C9H21ClSi	013154-24-0	30
2	Dispiro[2.1.2.1]octane, 1,1,6,6-...	164	C12H20	1000150-39-2	27
3	(4-Methyl-cyclohex-3-enyl)-methanol	126	C8H14O	089690-46-0	25
4	3-Amino-1-pyridin-3-yl-pyrrolidi...	191	C9H9N3O2	1000285-96-4	22
5	1H-3a,7-Methanoazulene, octahydr...	206	C15H26	013567-54-9	15



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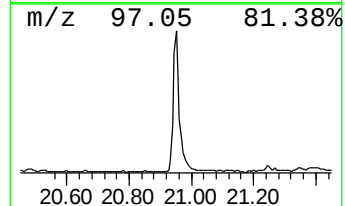
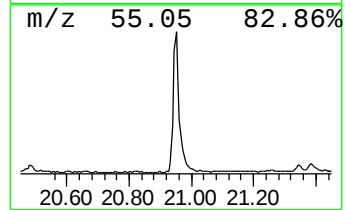
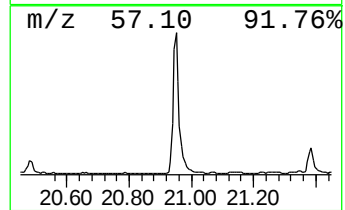
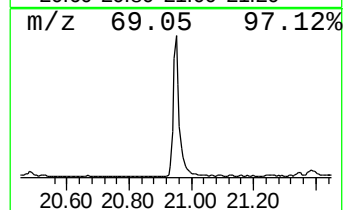
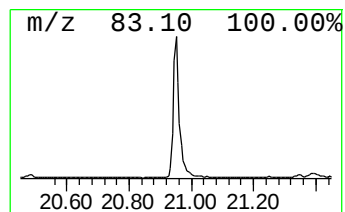
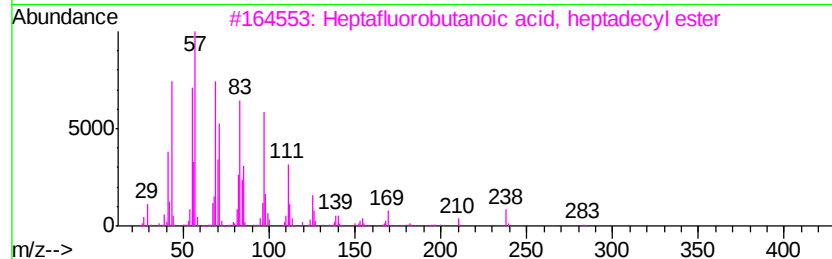
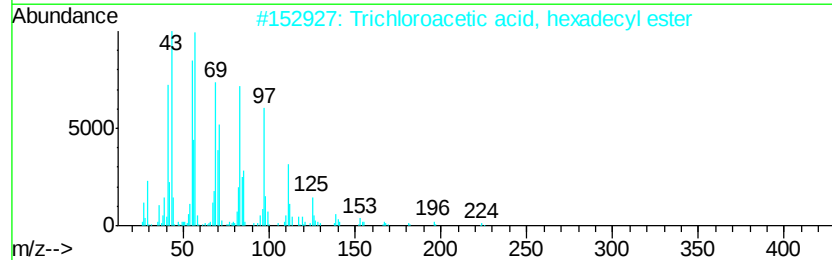
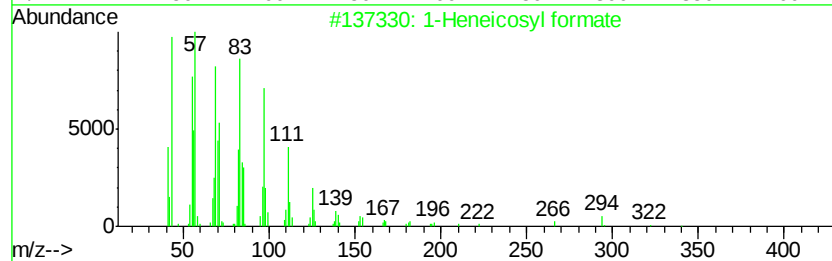
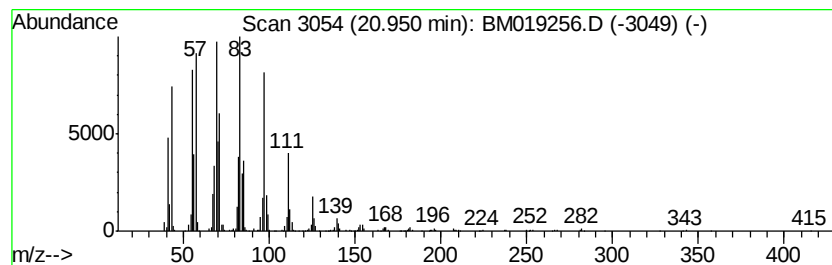
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Peak Number 5 1-Heneicosyl formate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.95	11.07 ng	1617360	Chrysene-d12	21.25

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
2		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
3		Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	91
4		Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	91
5		3-Eicosene, (E)-	280	C20H40	074685-33-9	91



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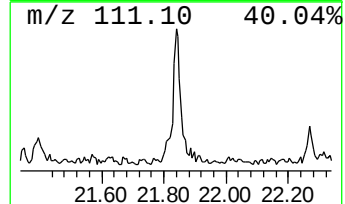
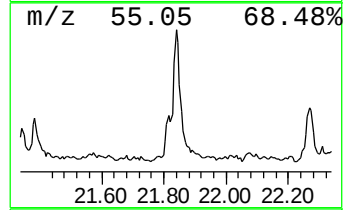
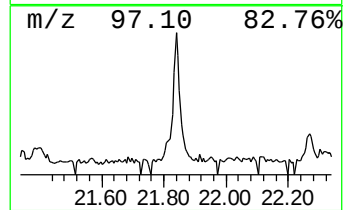
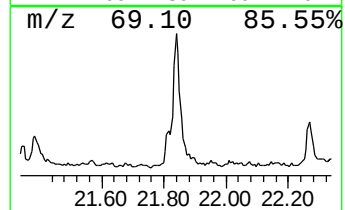
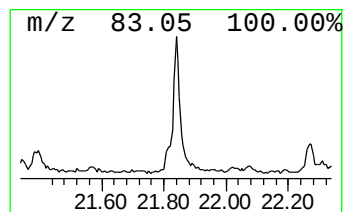
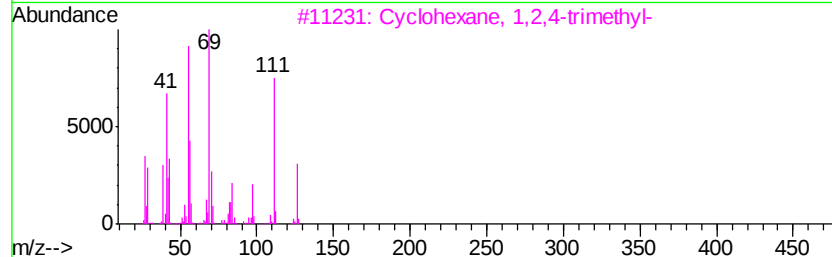
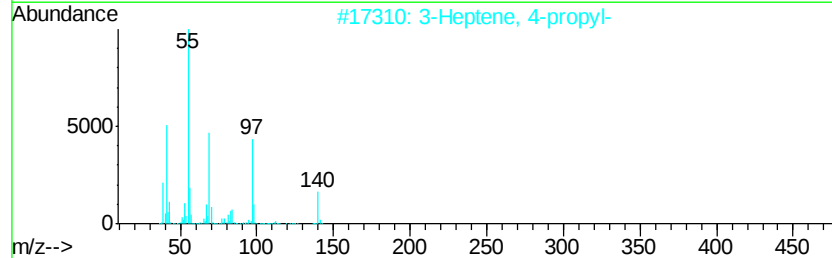
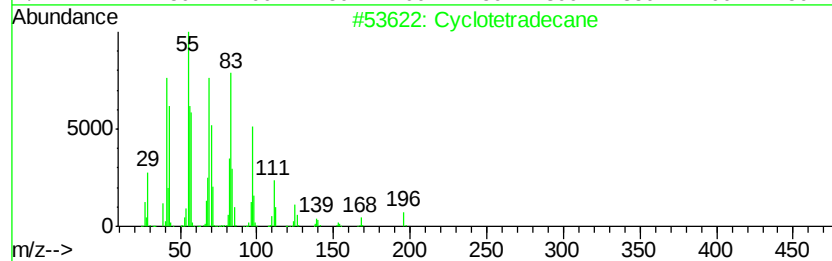
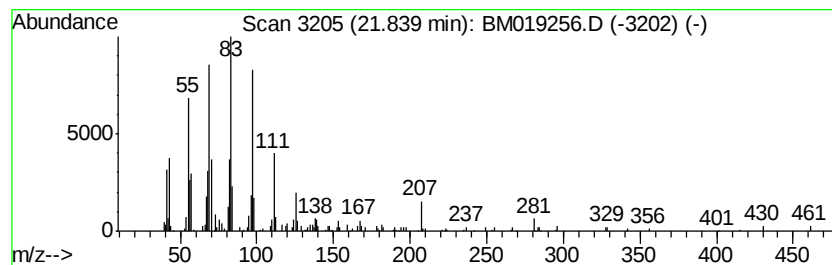
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Peak Number 6 Cyclotetradecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.84	2.33 ng	340408	Chrysene-d12	21.25

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclotetradecane	196	C14H28	000295-17-0	80
2		3-Heptene, 4-propyl-	140	C10H20	004485-13-6	38
3		Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	38
4		Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	30
5		Thieno[2,3-d]-1,3-thiaselenol-2-...	238	C5H2S3Se	081803-09-0	25



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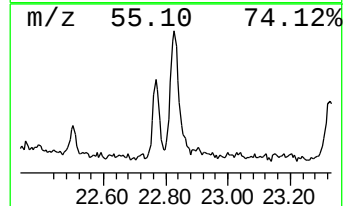
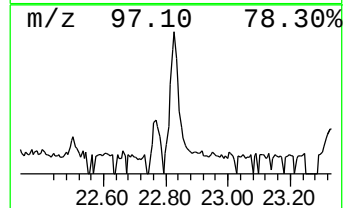
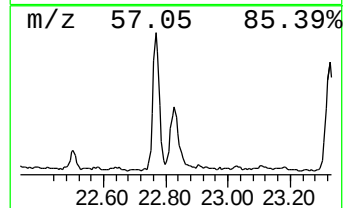
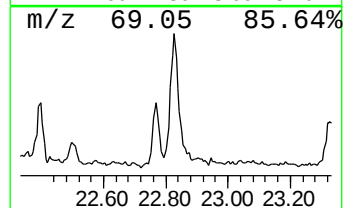
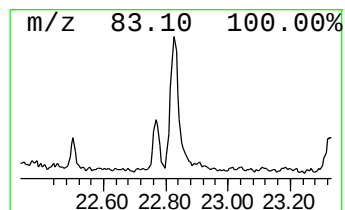
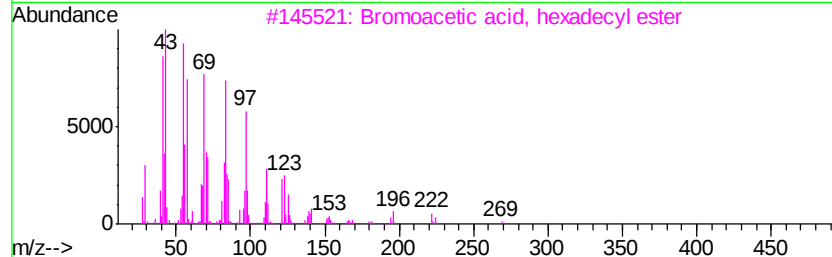
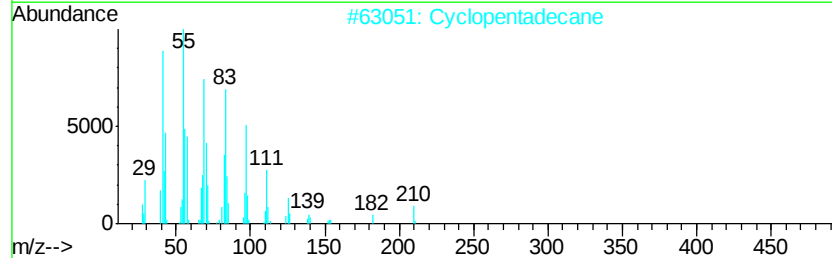
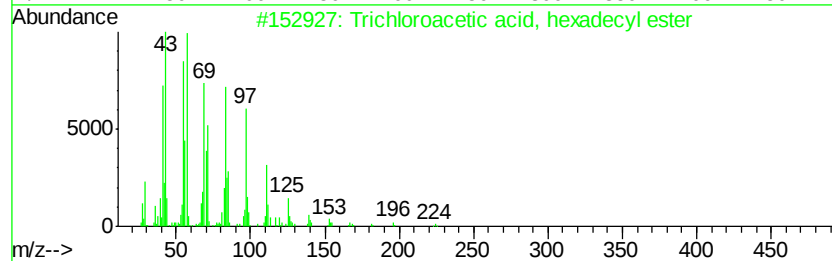
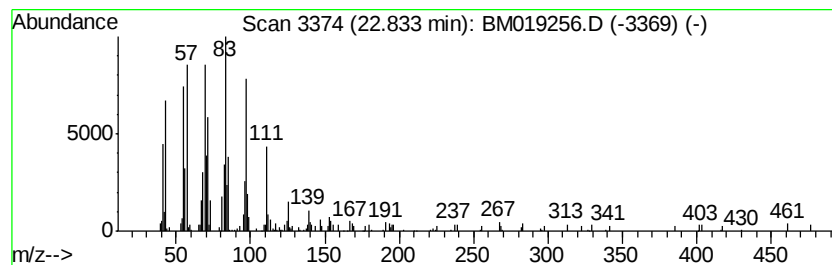
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM031119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Bromoacetic acid, hexadecyl... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.83	2.58 ng	301710	Perylene-d12	23.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	90
2		Cyclopentadecane	210	C15H30	000295-48-7	87
3		Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	87
4		Cyclotetracosane	336	C24H48	000297-03-0	76
5		1-Tricosene	322	C23H46	018835-32-0	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM031919\
Data File : BM019256.D
Acq On : 20 Mar 2019 06:30
Operator : JU/SJ
Sample : K1948-07
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
INV-025-SW01-031319

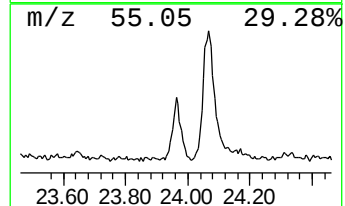
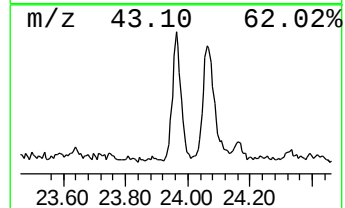
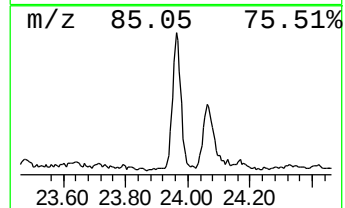
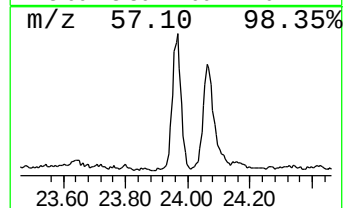
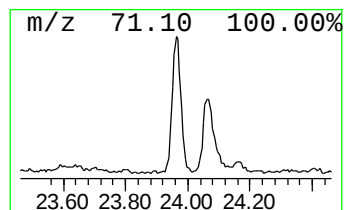
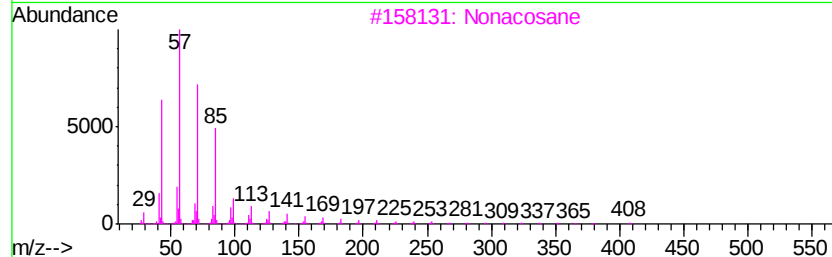
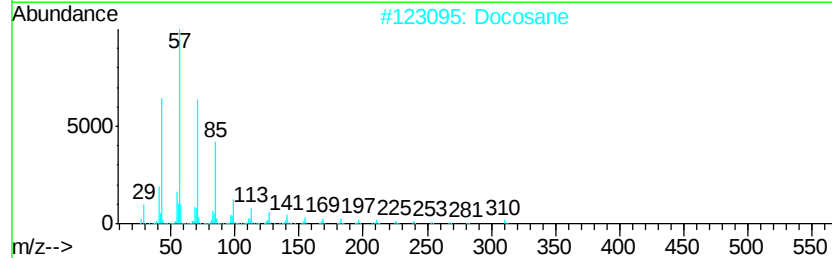
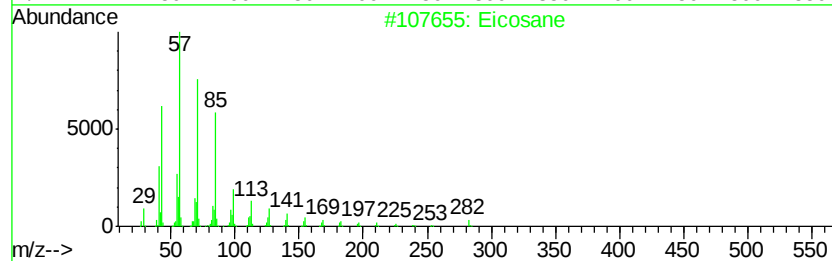
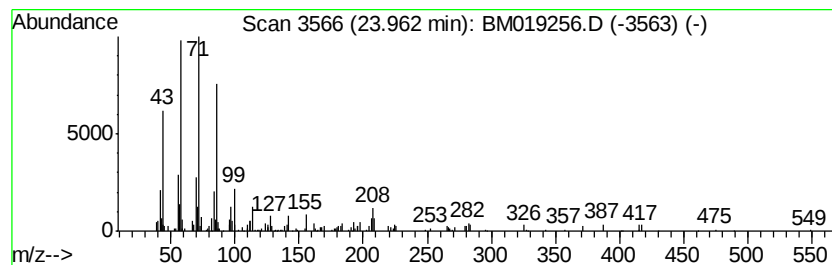
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM031119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Eicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.96	2.35 ng	275019	Perylene-d12	23.47

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	86
2	Docosane		310	C22H46	000629-97-0	83
3	Nonacosane		408	C29H60	000630-03-5	83
4	Heptacosane		380	C27H56	000593-49-7	80
5	Tetratetracontane		619	C44H90	007098-22-8	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM031919\
Data File : BM019256.D
Acq On : 20 Mar 2019 06:30
Operator : JU/SJ
Sample : K1948-07
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
INV-025-SW01-031319

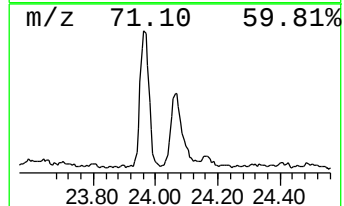
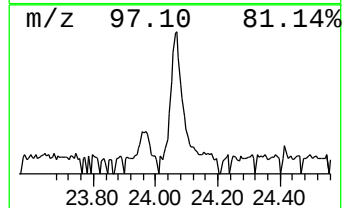
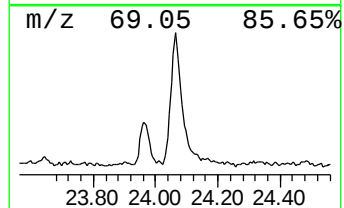
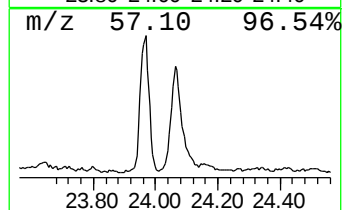
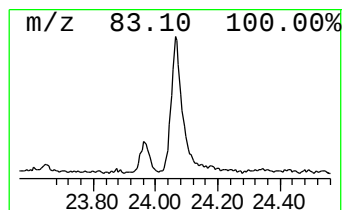
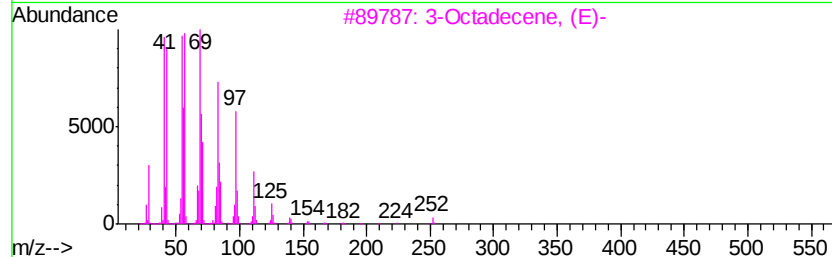
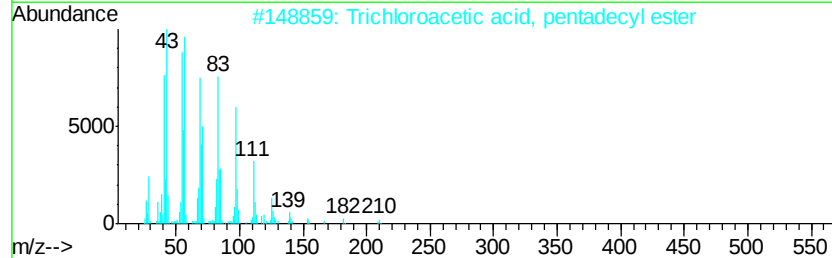
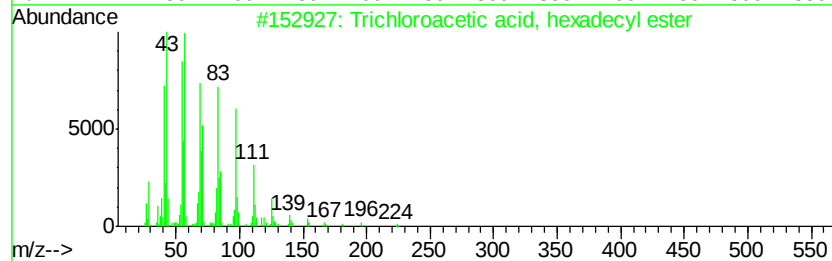
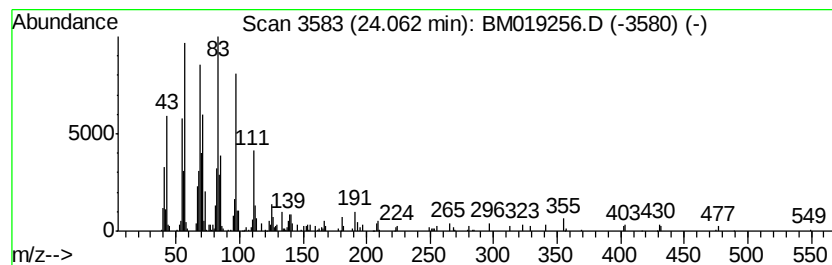
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM031119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Trichloroacetic acid, hexad... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.06	3.74 ng	436526	Perylene-d12	23.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
2		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
3		3-Octadecene, (E)-	252	C18H36	007206-19-1	89
4		5-Eicosene, (E)-	280	C20H40	074685-30-6	87
5		Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM031919\
Data File : BM019256.D
Acq On : 20 Mar 2019 06:30
Operator : JU/SJ
Sample : K1948-07
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
INV-025-SW01-031319

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
unknown7.17	7.17	123.3	ng	5740020	1	7.63	930896	20.0
n-Hexadecanoic acid	17.94	6.6	ng	849347	4	17.04	2579270	20.0
unknown18.76	18.76	3.0	ng	381253	4	17.04	2579270	20.0
1-Heneicosyl formate	20.95	11.1	ng	1617360	5	21.25	2923300	20.0
Cyclotetradecane	21.84	2.3	ng	340408	5	21.25	2923300	20.0
Bromoacetic acid,...	22.83	2.6	ng	301710	6	23.47	2336560	20.0
Eicosane	23.96	2.4	ng	275019	6	23.47	2336560	20.0
Trichloroacetic a...	24.06	3.7	ng	436526	6	23.47	2336560	20.0