

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031819\
 Data File : BM019221.D
 Acq On : 18 Mar 2019 18:28
 Operator : JU/SJ
 Sample : K1935-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-18(14-15)

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	5.252	378	385	404	rBV	4312387	6302501	67.59%	7.650%
2	6.834	646	654	671	rBV	4645413	7597239	81.48%	9.222%
3	7.187	706	714	734	rBV	4796313	7491712	80.35%	9.093%
4	7.645	786	792	799	rBV	775527	1240786	13.31%	1.506%
5	7.963	839	846	863	rBV	3078873	4849343	52.01%	5.886%
6	8.816	984	991	1011	rBV	2535135	4447237	47.70%	5.398%
7	10.434	1258	1266	1277	rBV	1095745	1891957	20.29%	2.296%
8	12.916	1681	1688	1709	rBV	6098425	8934791	95.82%	10.845%
9	13.769	1828	1833	1847	rVB	490013	764348	8.20%	0.928%
10	14.304	1917	1924	1942	rBV2	1713859	2759040	29.59%	3.349%
11	15.804	2172	2179	2198	rBV	6001202	8693358	93.23%	10.552%
12	17.057	2385	2392	2402	rBV2	2112514	3105574	33.31%	3.770%
13	17.951	2538	2544	2555	rBV	402411	680163	7.29%	0.826%
14	19.233	2758	2762	2775	rBV	121851	244599	2.62%	0.297%
15	19.639	2827	2831	2835	rBV	216858	234056	2.51%	0.284%
16	19.698	2835	2841	2856	rVV	7765741	9324210	100.00%	11.318%
17	19.992	2884	2891	2898	rBV4	73127	165787	1.78%	0.201%
18	20.674	3003	3007	3011	rBV	842239	920155	9.87%	1.117%
19	20.962	3051	3056	3066	rBV	1539514	2257827	24.21%	2.741%
20	21.256	3101	3106	3116	rBV	1983057	2712417	29.09%	3.292%
21	21.574	3157	3160	3165	rBV	658645	762823	8.18%	0.926%
22	21.827	3199	3203	3204	rBV	176029	217993	2.34%	0.265%
23	21.856	3204	3208	3216	rVB	1628388	2701321	28.97%	3.279%
24	22.280	3278	3280	3284	rVB2	141572	171451	1.84%	0.208%
25	22.327	3285	3288	3297	rVB3	168190	264771	2.84%	0.321%
26	22.786	3362	3366	3370	rBV	252264	338118	3.63%	0.410%
27	22.844	3371	3376	3385	rVB	586001	1014125	10.88%	1.231%
28	23.491	3480	3486	3498	rVB	1234586	2298406	24.65%	2.790%

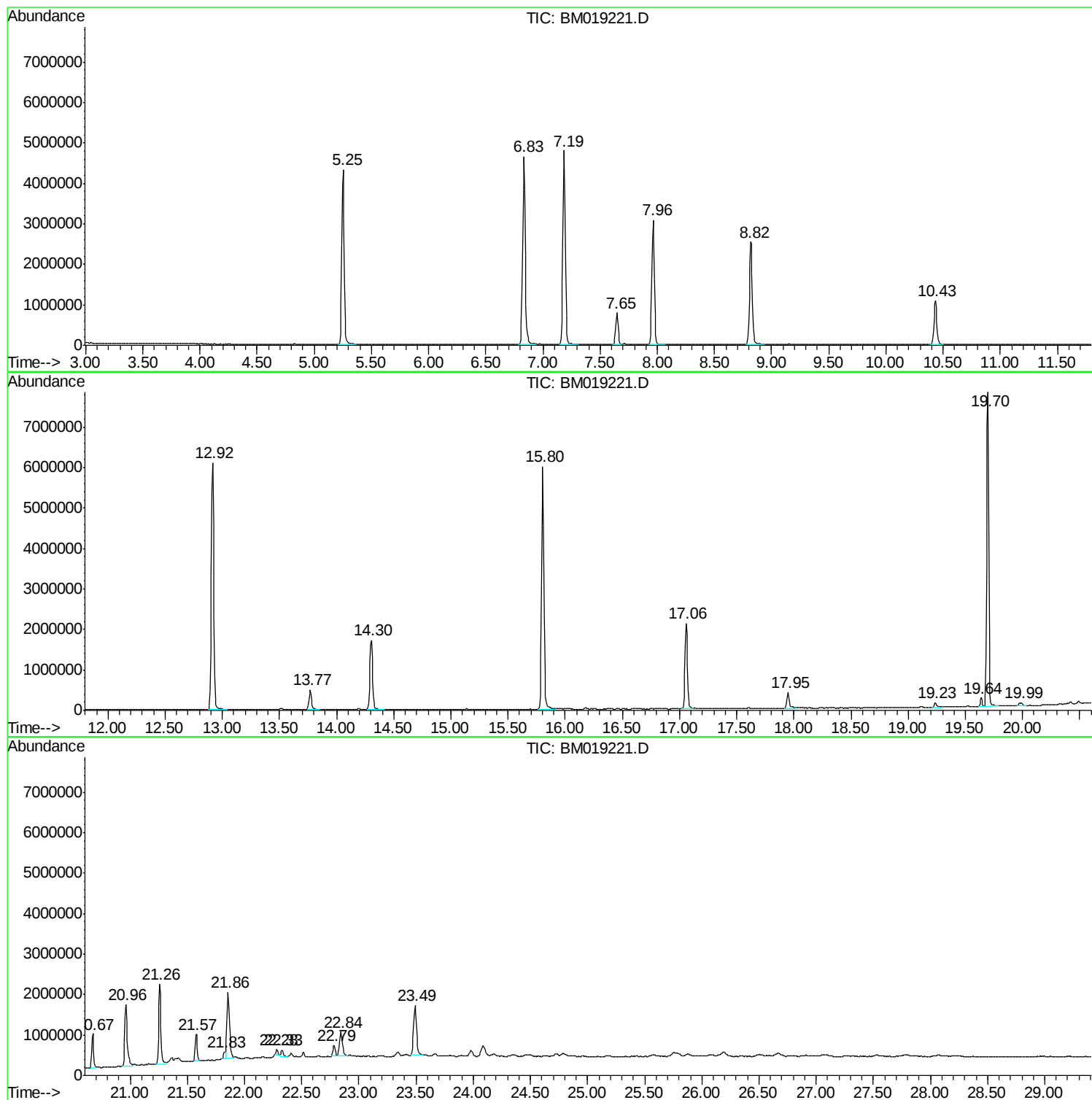
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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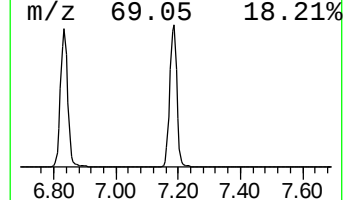
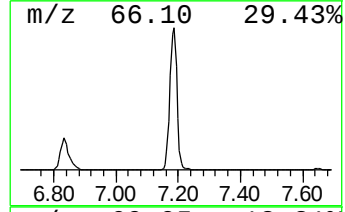
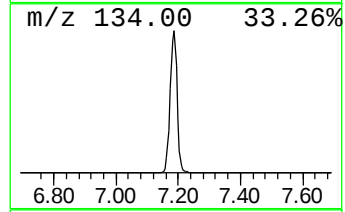
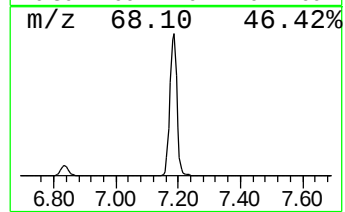
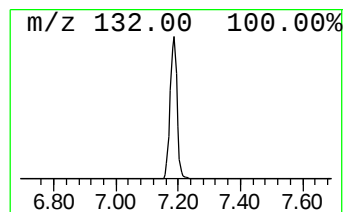
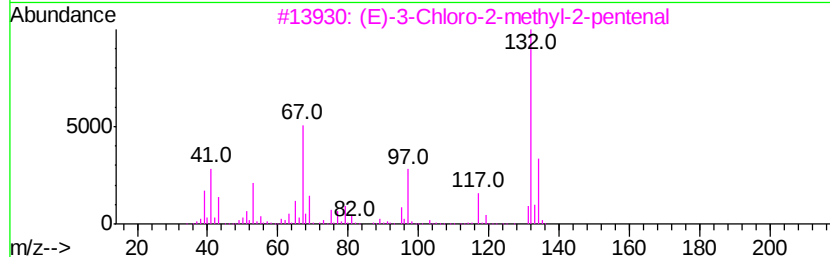
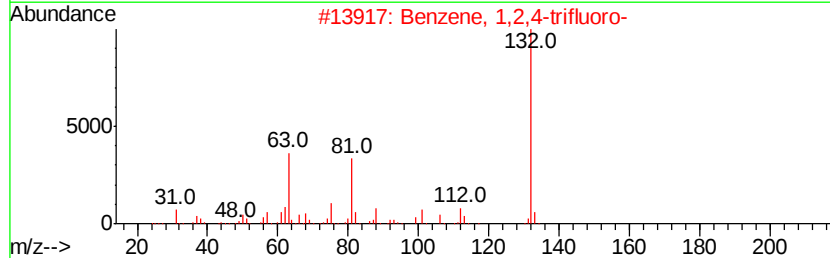
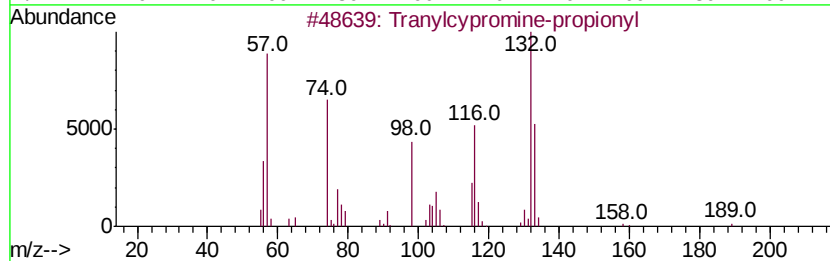
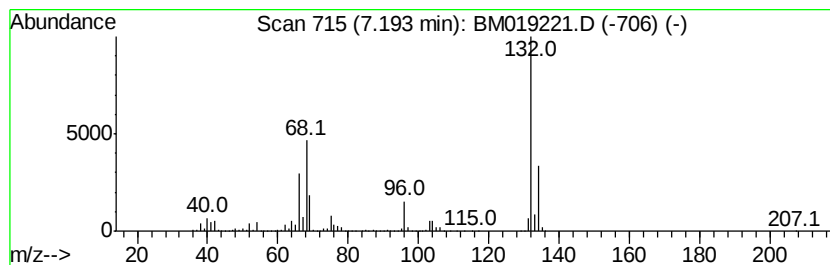
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 1 unknown7.19 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.19	120.76 ng	7491710	1,4-Dichlorobenzene-d4	7.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tranlylcvpromine-propionyl	189	C12H15NO	1000123-86-3	12
2		Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9
3		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9



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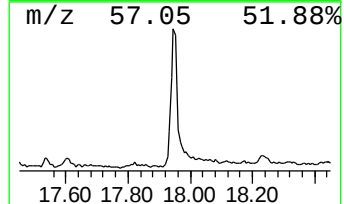
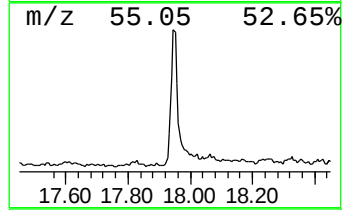
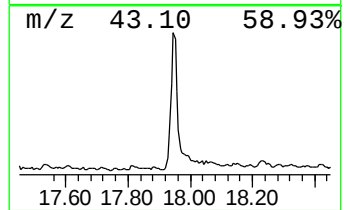
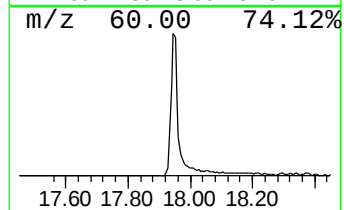
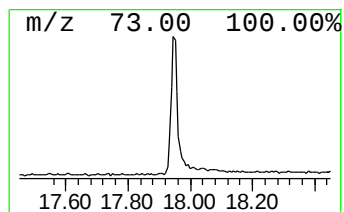
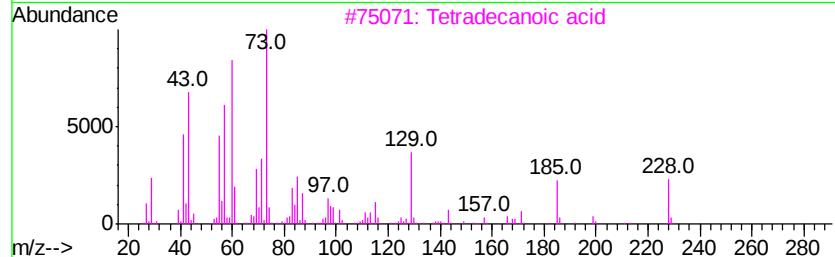
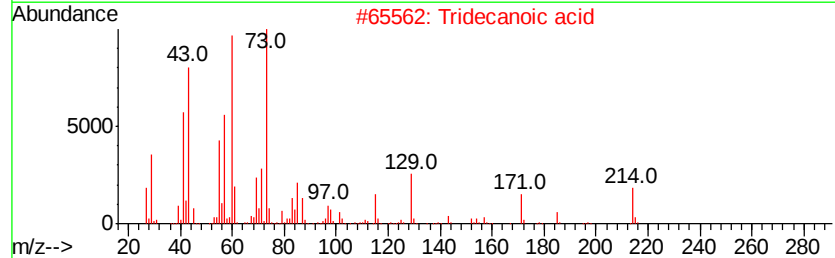
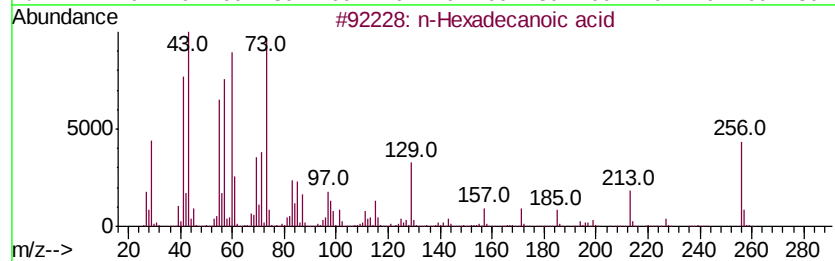
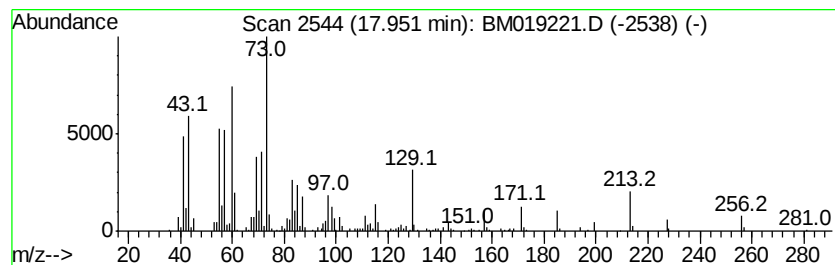
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.95	4.38 ng	680163	Phenanthrene-d10		17.06	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Tridecanoic acid	214	C13H26O2	000638-53-9	93
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	50
5		Hexadecane	226	C16H34	000544-76-3	11



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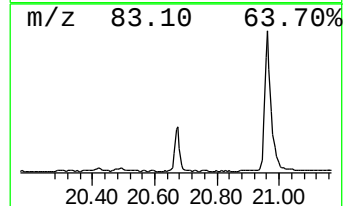
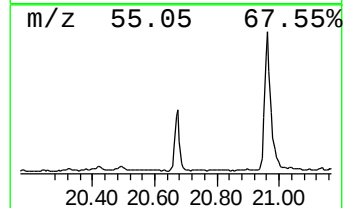
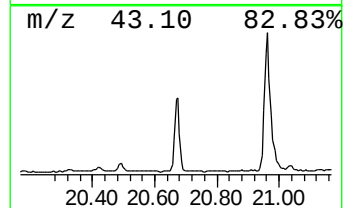
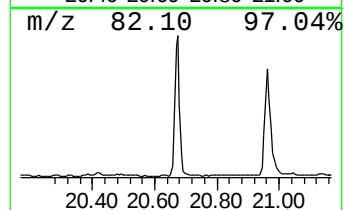
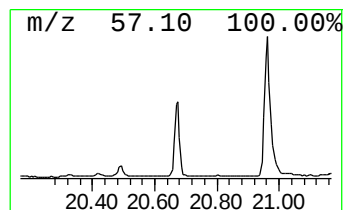
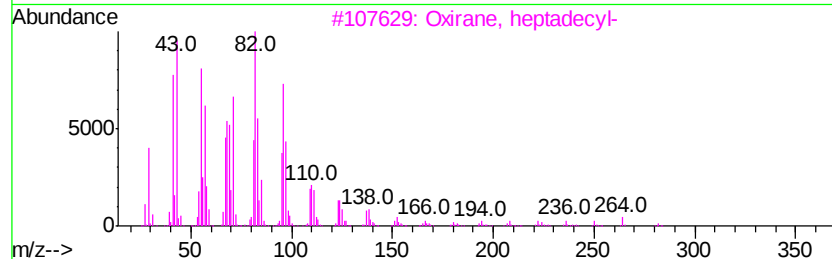
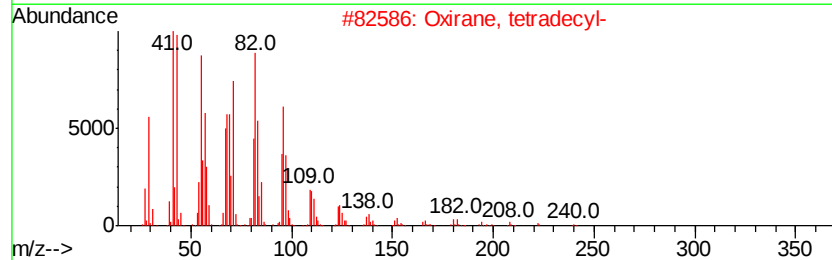
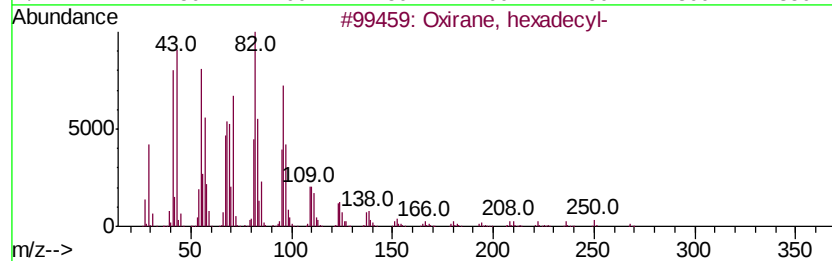
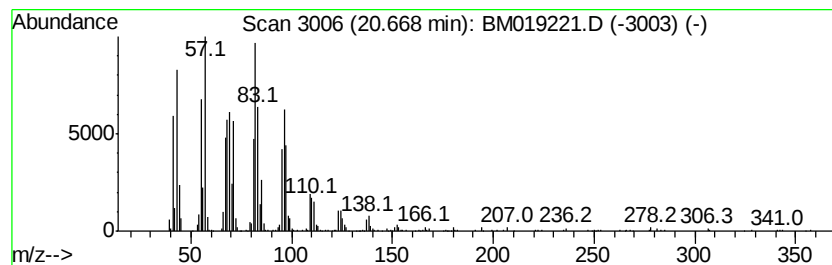
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Peak Number 4 Oxirane, hexadecyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.67	6.78 ng	920155	Chrysene-d12	21.26

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxirane, hexadecyl-	268	C18H36O	007390-81-0	94
2			Oxirane, tetradecyl-	240	C16H32O	007320-37-8	91
3			Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
4			Octadecanal	268	C18H36O	000638-66-4	91
5			Tetradecanal	212	C14H28O	000124-25-4	91



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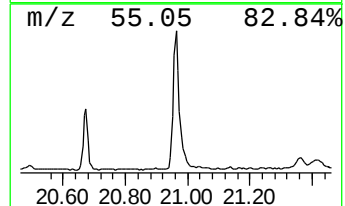
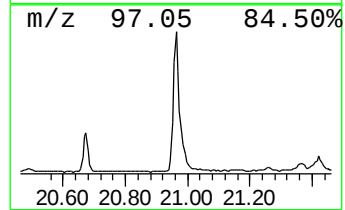
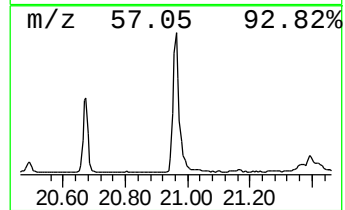
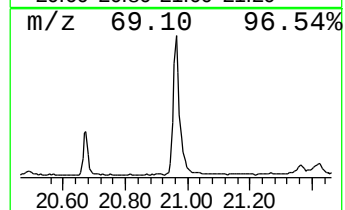
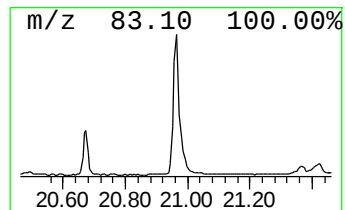
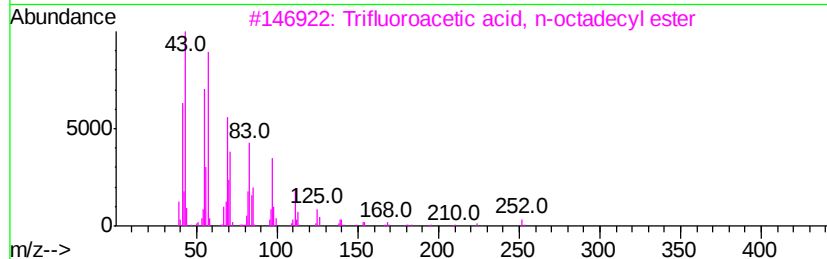
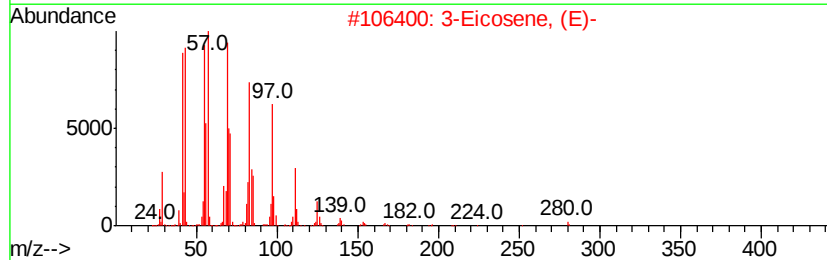
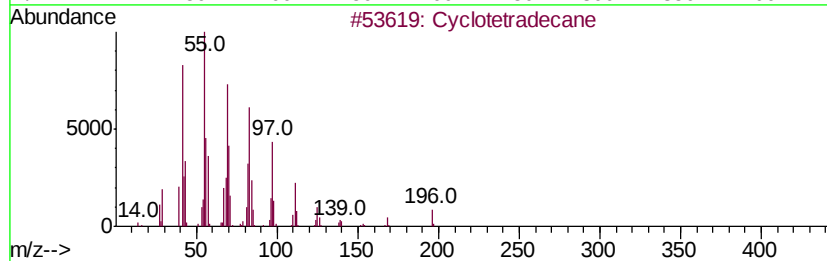
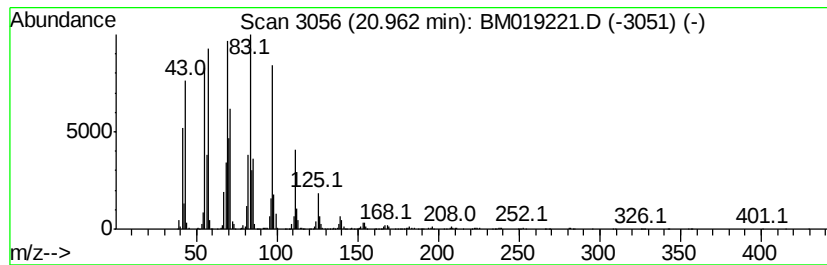
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Peak Number 5 Cyclotetradecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.96	16.65 ng	2257830	Chrysene-d12	21.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotetradecane	196	C14H28	000295-17-0	94
2		3-Eicosene, (E)-	280	C20H40	074685-33-9	91
3		Trifluoroacetic acid, n-octadecyl...	366	C20H37F3O2	079392-43-1	91
4		Trifluoroacetic acid, n-heptadecyl...	324	C17H31F3O2	1000216-79-2	91
5		1-Hexadecanol	242	C16H34O	036653-82-4	90



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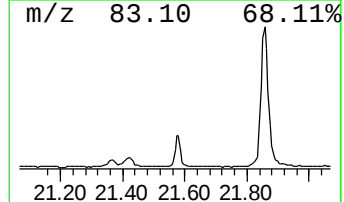
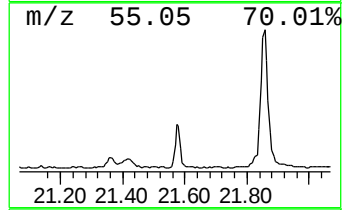
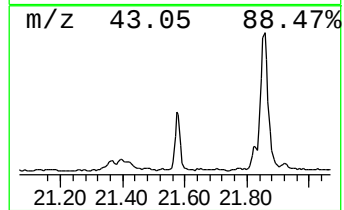
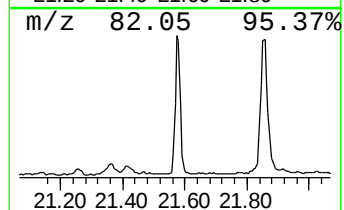
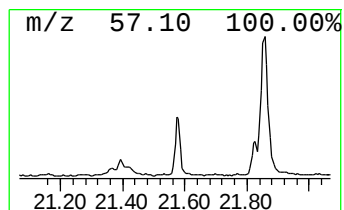
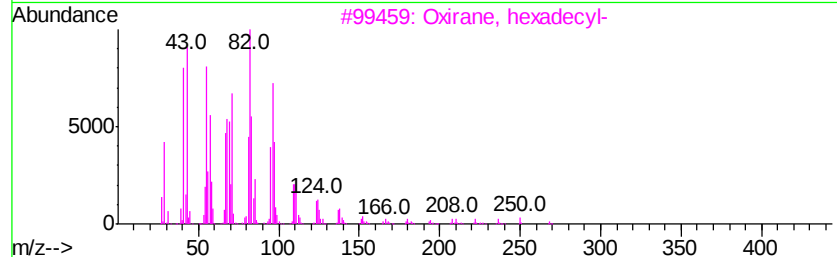
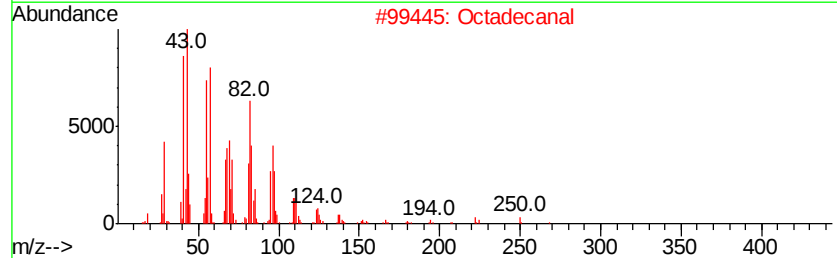
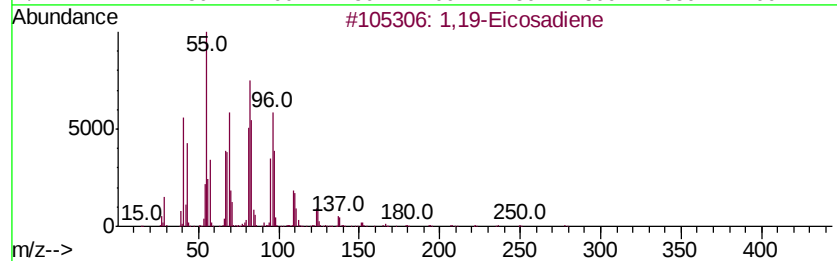
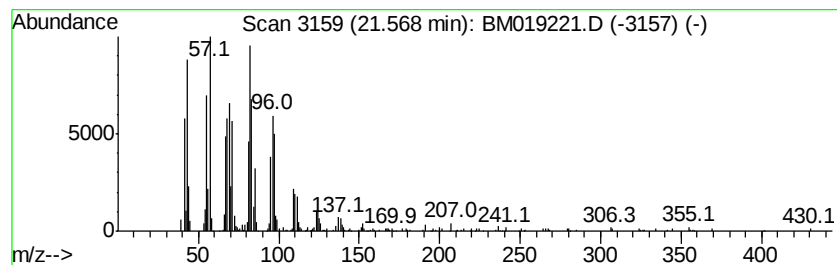
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Peak Number 6 1,19-Eicosadiene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.
21.57	5.62 ng	762823	Chrysene-d12		21.26
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,19-Eicosadiene	278	C20H38	014811-95-1	94
2	Octadecanal	268	C18H36O	000638-66-4	94
3	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	94
4	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	93
5	16-Heptadecenal	252	C17H32O	1000144-57-9	91



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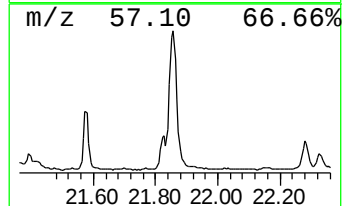
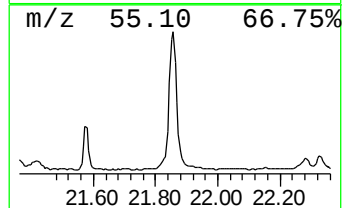
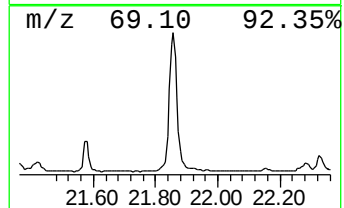
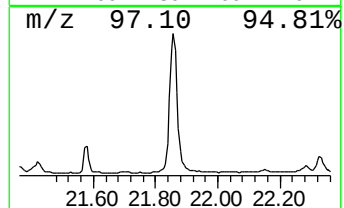
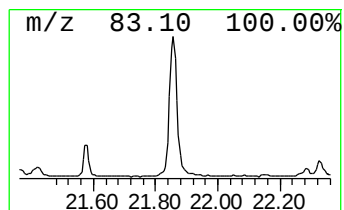
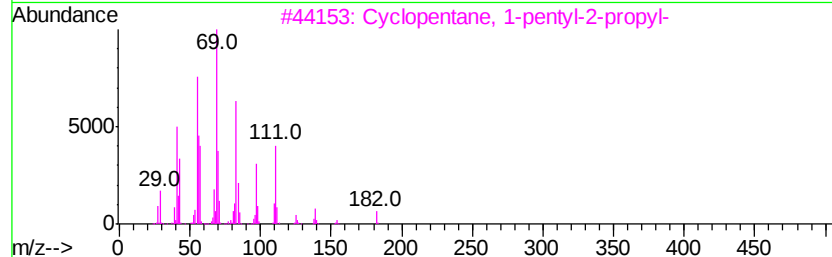
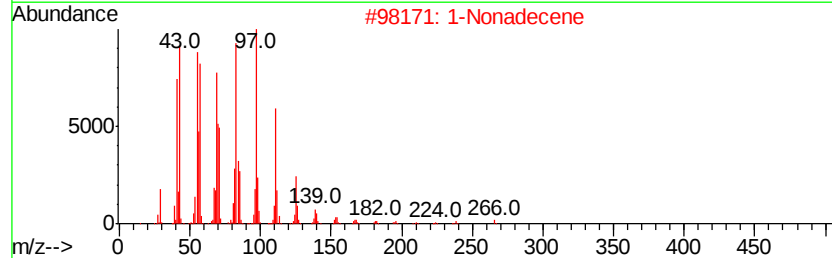
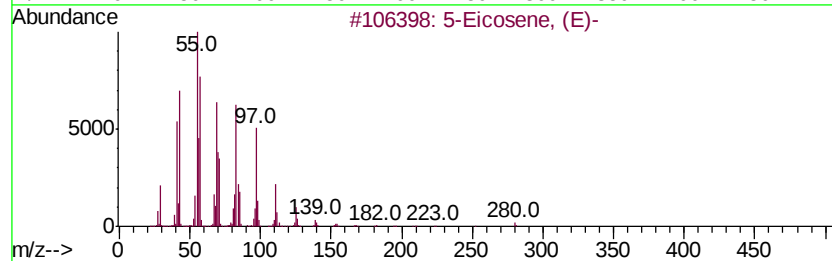
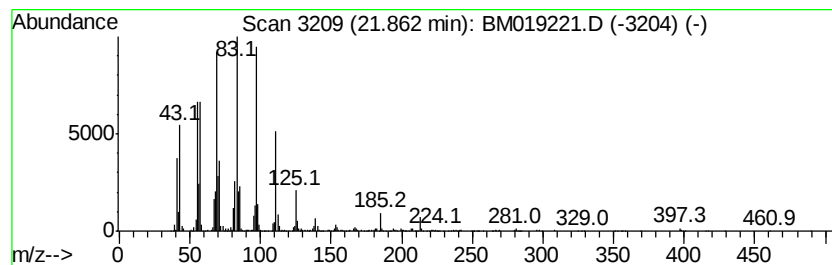
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 5-Eicosene, (E)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.86	19.92 ng	2701320	Chrysene-d12	21.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Eicosene, (E)-	280	C20H40	074685-30-6	62
2		1-Nonadecene	266	C19H38	018435-45-5	58
3		Cyclopentane, 1-pentyl-2-propyl-	182	C13H26	062199-51-3	55
4		13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	49
5		1-Heneicosyl formate	340	C22H44O2	077899-03-7	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031819\
Data File : BM019221.D
Acq On : 18 Mar 2019 18:28
Operator : JU/SJ
Sample : K1935-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-18(14-15)

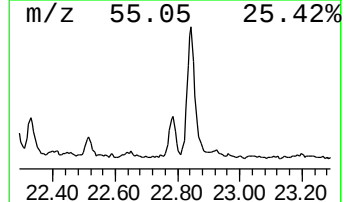
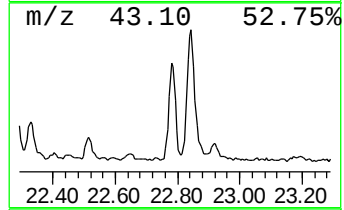
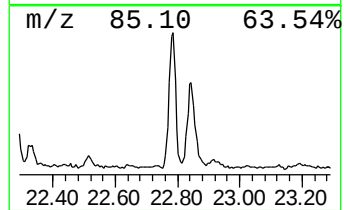
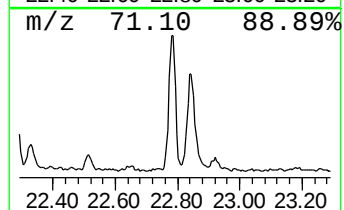
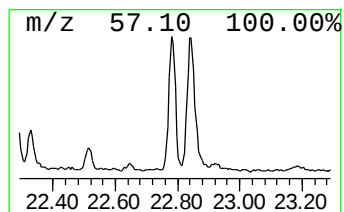
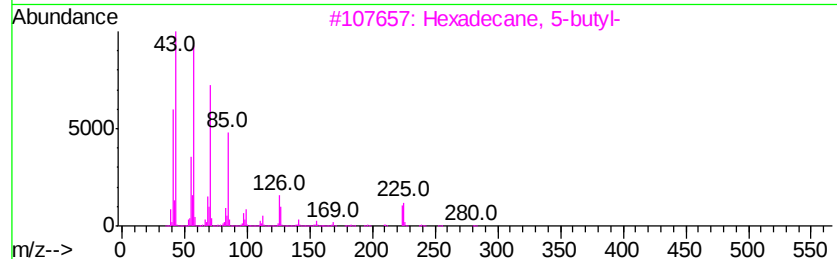
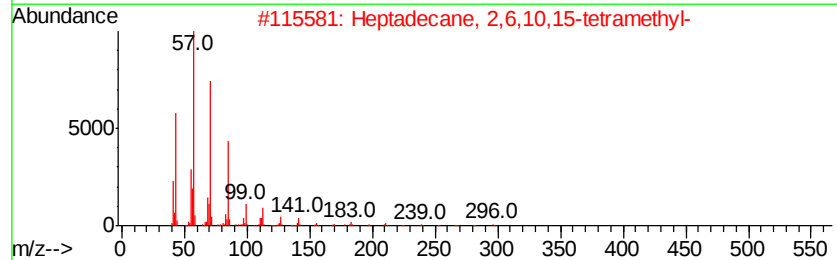
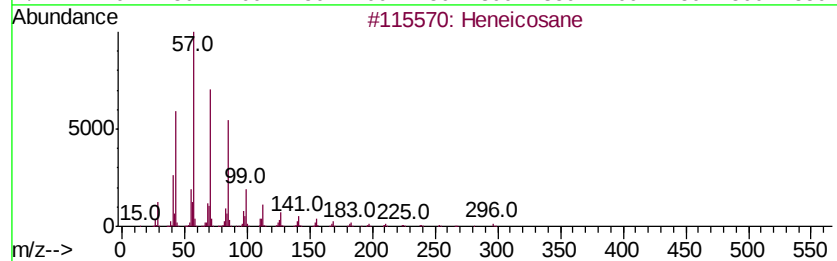
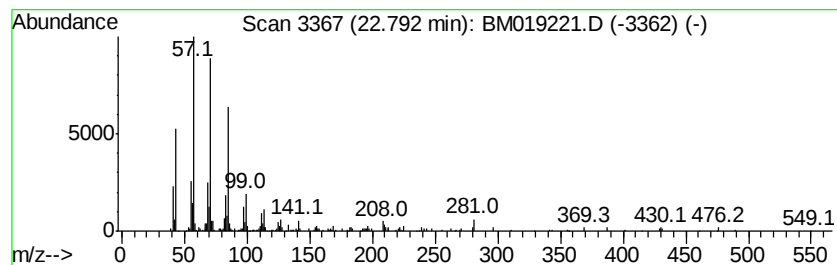
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.79	2.94 ng	338118	Perylene-d12	23.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	97
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
3		Hexadecane, 5-butyl-	282	C20H42	006912-07-8	91
4		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90
5		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031819\
Data File : BM019221.D
Acq On : 18 Mar 2019 18:28
Operator : JU/SJ
Sample : K1935-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

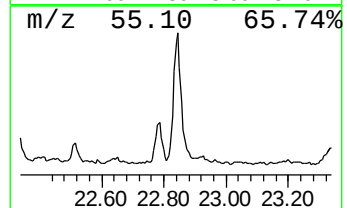
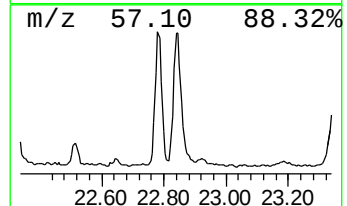
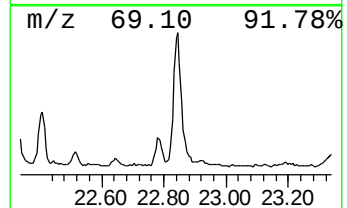
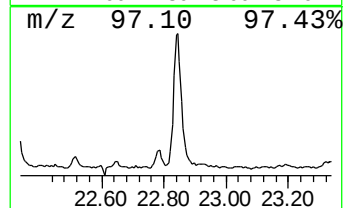
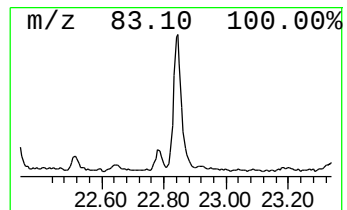
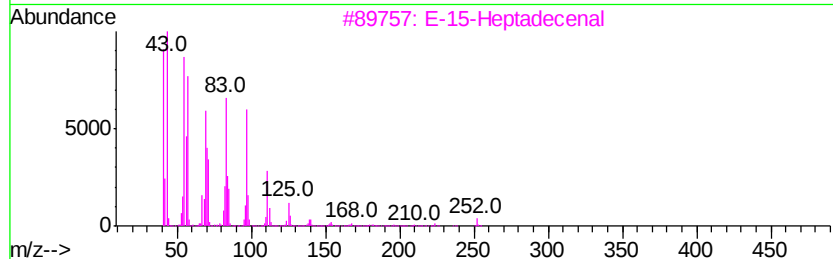
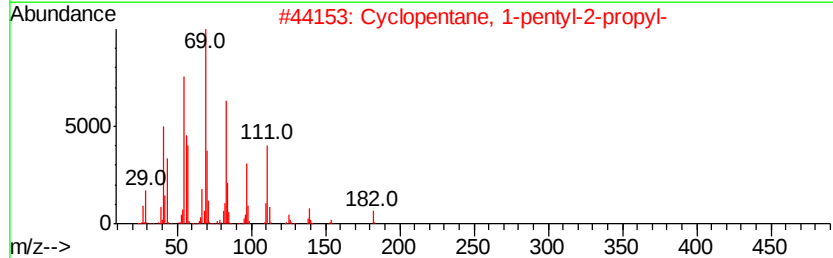
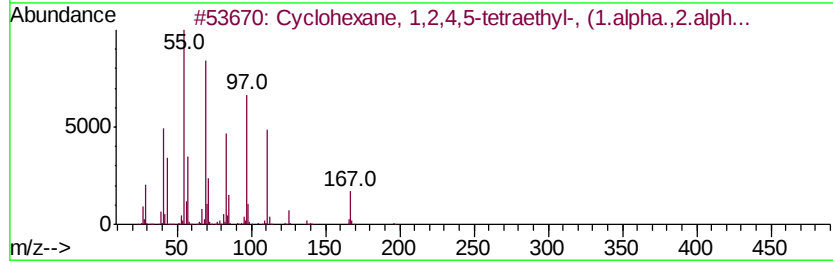
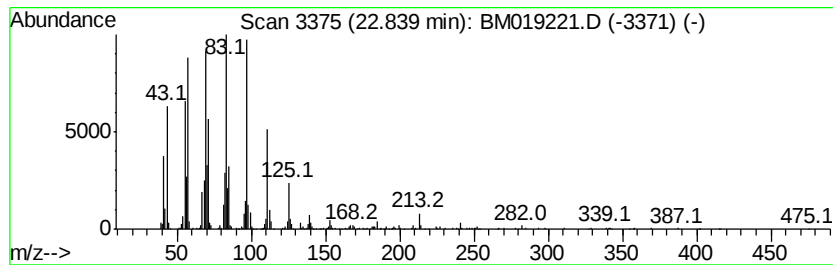
Instrument :
BNA_M
ClientSampleId :
SB-18(14-15)

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 Cyclohexane, 1,2,4,5-tetrae... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.		
22.84	8.82 ng	1014130	Perylene-d12	23.49		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, 1,2,4,5-tetraethyl-...	196	C14H28	061142-24-3	64
2		Cyclopentane, 1-pentyl-2-propyl-	182	C13H26	062199-51-3	55
3		E-15-Heptadecenal	252	C17H32O	1000130-97-9	52
4		Cyclohexane, 2,4-diisopropyl-1,1...	196	C14H28	1000149-60-5	49
5		1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM031819\
Data File : BM019221.D
Acq On : 18 Mar 2019 18:28
Operator : JU/SJ
Sample : K1935-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-18(14-15)

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
unknown7.19	7.19	120.8	ng	7491710	1	7.65	1240790	20.0
n-Hexadecanoic acid	17.95	4.4	ng	680163	4	17.06	3105570	20.0
Oxirane, hexadecyl-	20.67	6.8	ng	920155	5	21.26	2712420	20.0
Cyclotetradecane	20.96	16.6	ng	2257830	5	21.26	2712420	20.0
1,19-Eicosadiene	21.57	5.6	ng	762823	5	21.26	2712420	20.0
5-Eicosene, (E)-	21.86	19.9	ng	2701320	5	21.26	2712420	20.0
Heneicosane	22.79	2.9	ng	338118	6	23.49	2298410	20.0
Cyclohexane, 1,2,...	22.84	8.8	ng	1014130	6	23.49	2298410	20.0