

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082119\
 Data File : BM022227.D
 Acq On : 21 Aug 2019 13:53
 Operator : HP/JU
 Sample : K4408-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SP-1

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON Filtering: 5
 Sampling : 1 Min Area: 3 % of largest Peak
 Start Thrs: 0.2 Max Peaks: 100
 Stop Thrs : 0 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-BM082019.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	5.181	367	373	384	rBV	645527	913237	36.39%	7.219%
2	6.757	635	641	655	rBV	645249	1060945	42.27%	8.387%
3	7.104	693	700	712	rBV	709948	1089172	43.40%	8.610%
4	7.563	773	778	787	rBB	147503	221660	8.83%	1.752%
5	7.875	825	831	841	rBB	476449	746386	29.74%	5.900%
6	8.733	971	977	1000	rBV	360517	644329	25.67%	5.093%
7	10.339	1244	1250	1267	rBB	155820	284963	11.35%	2.253%
8	12.833	1667	1674	1690	rBV	937177	1391156	55.43%	10.997%
9	13.698	1816	1821	1834	rBB	80113	126453	5.04%	1.000%
10	14.221	1904	1910	1920	rBB	265593	405583	16.16%	3.206%
11	15.733	2161	2167	2184	rBB	1053645	1497118	59.65%	11.834%
12	16.986	2374	2380	2390	rBV	334440	469783	18.72%	3.714%
13	17.880	2527	2532	2543	rBV	85175	121833	4.85%	0.963%
14	19.168	2747	2751	2763	rBV	38215	61132	2.44%	0.483%
15	19.627	2824	2829	2834	rBV	2268313	2509739	100.00%	19.839%
16	20.897	3041	3045	3055	rBV2	77363	132628	5.28%	1.048%
17	21.197	3091	3096	3101	rBV	355939	481041	19.17%	3.803%
18	22.215	3266	3269	3274	rVB4	53992	67230	2.68%	0.531%
19	23.391	3463	3469	3477	rBV	230798	426207	16.98%	3.369%

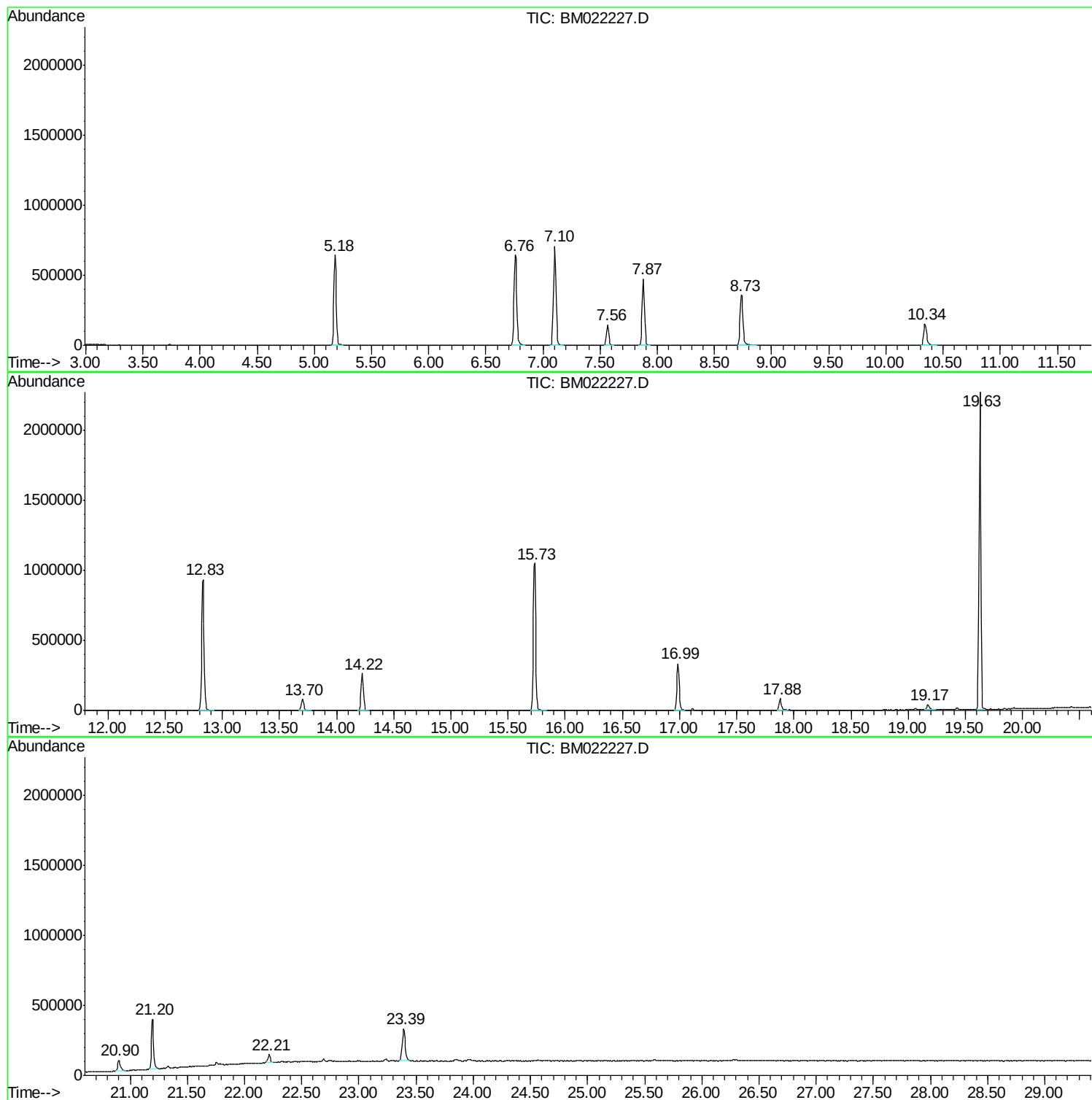
Sum of corrected areas: 12650595

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082019.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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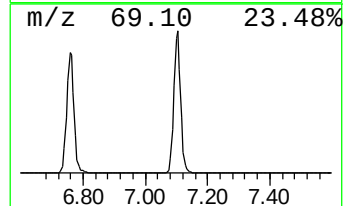
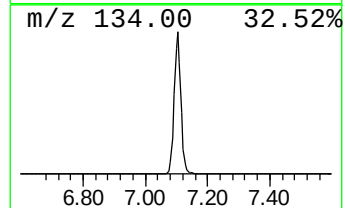
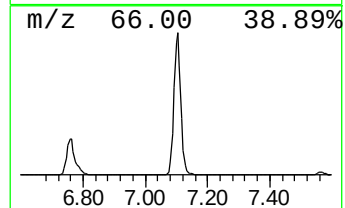
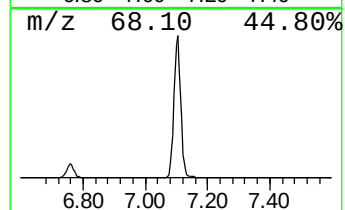
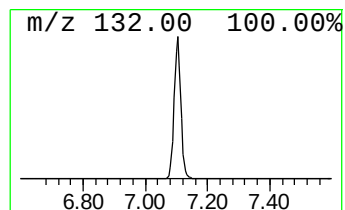
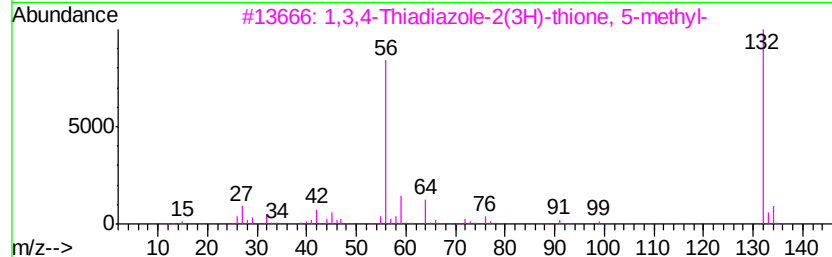
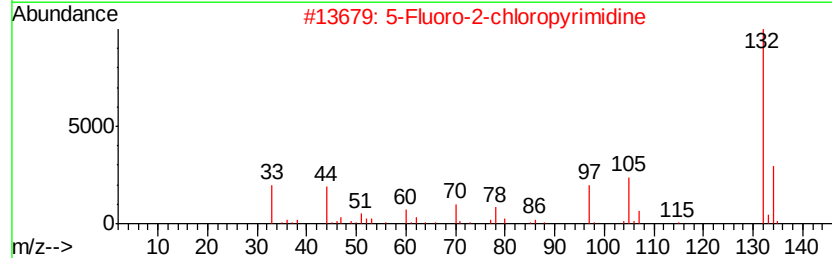
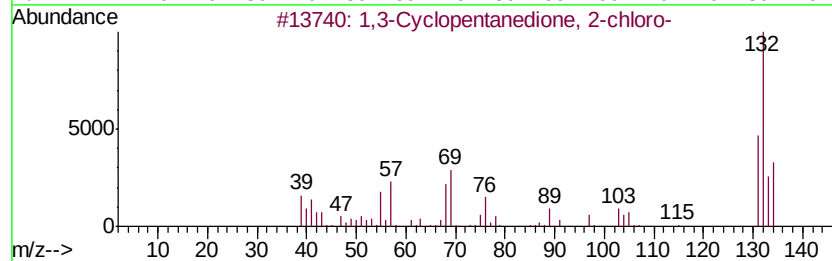
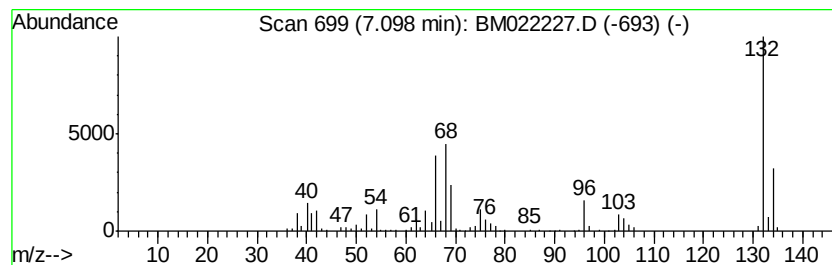
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082019.M
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 1 unknown7.10 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.10	98.27 ng	1089170	1,4-Dichlorobenzene-d4	7.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	35
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	27
3		1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	27
4		3H-1,2-Dithiol-3-one, 5-methyl-	132	C4H4OS2	003620-08-4	27
5		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	27



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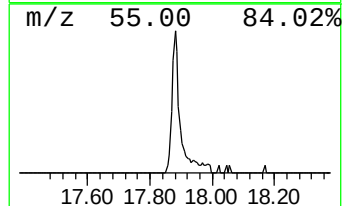
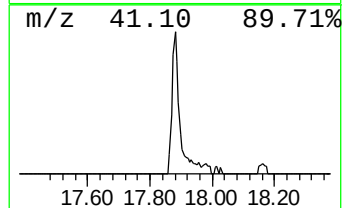
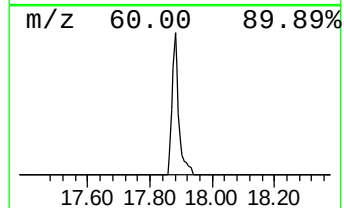
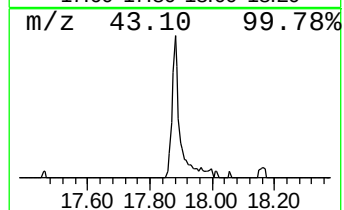
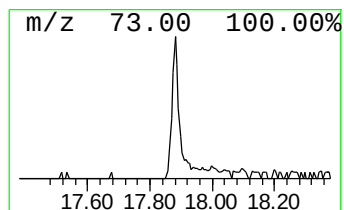
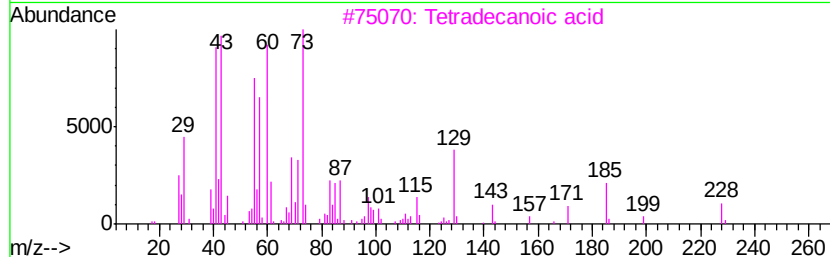
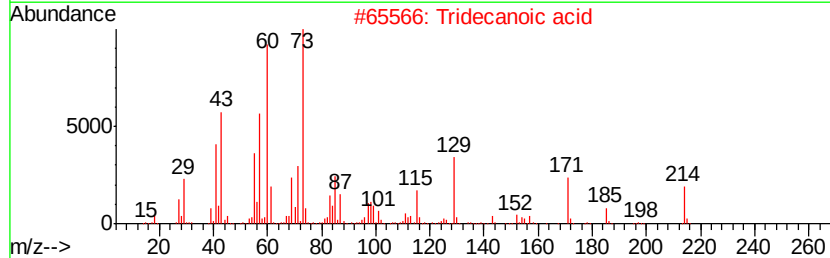
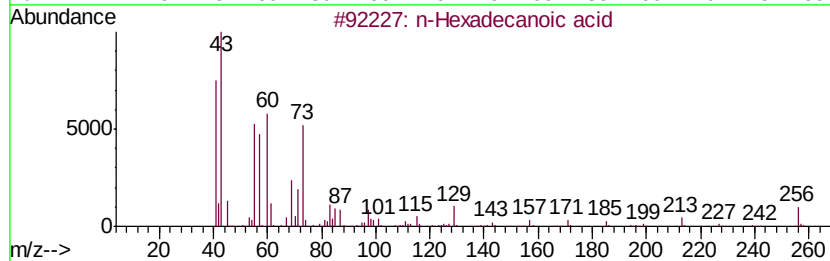
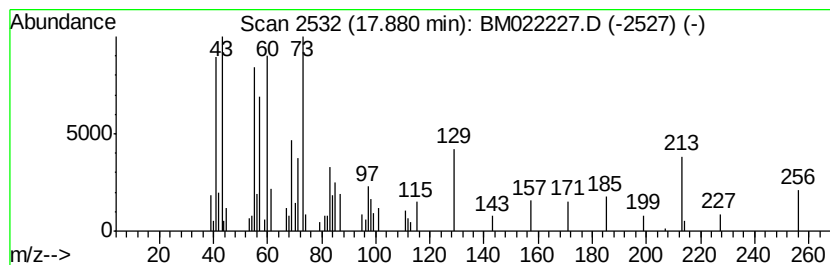
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.88	5.19 ng	121833	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
2		Tridecanoic acid	214	C13H26O2	000638-53-9	70
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	58
4		Dodecanoic acid	200	C12H24O2	000143-07-7	50
5		n-Decanoic acid	172	C10H20O2	000334-48-5	47



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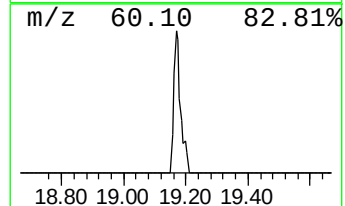
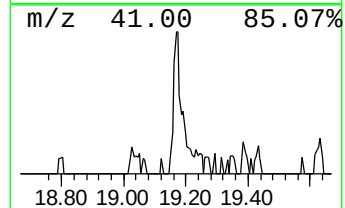
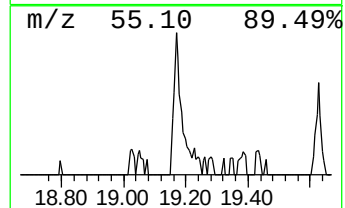
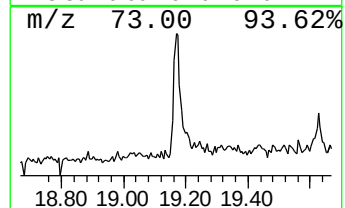
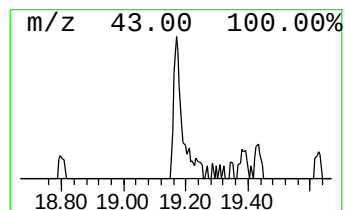
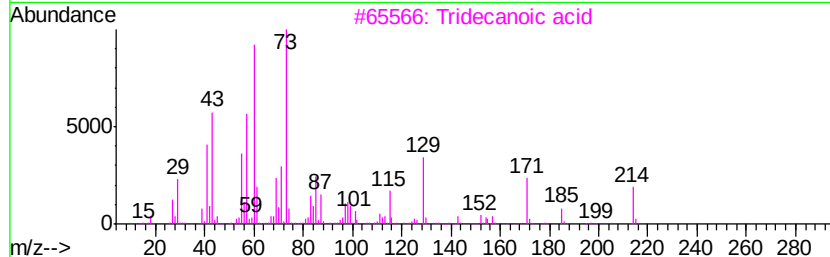
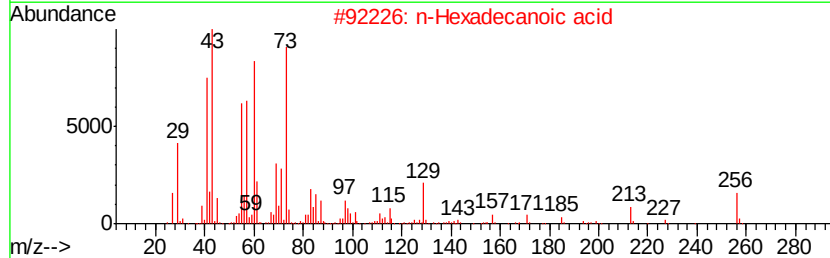
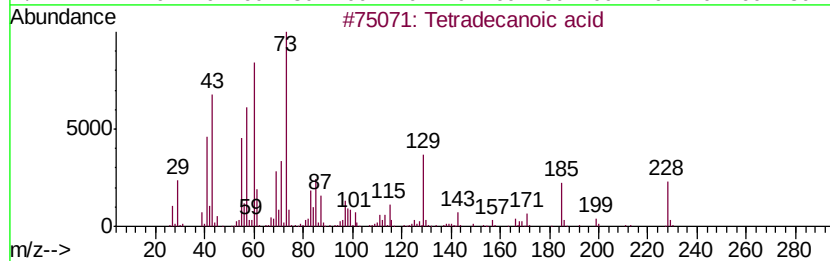
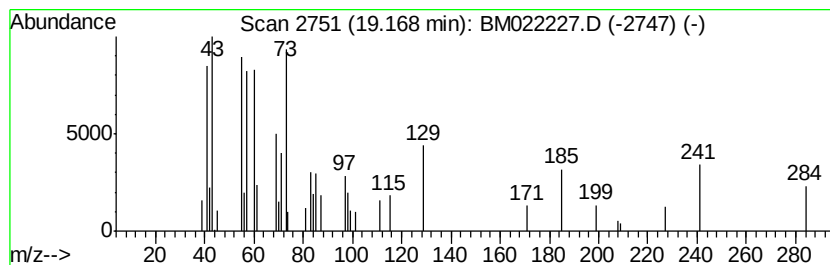
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Peak Number 4 Tetradecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.17	2.54 ng	61132	Chrysene-d12	21.20

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecanoic acid	228	C14H28O2	000544-63-8	64
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	50
3		Tridecanoic acid	214	C13H26O2	000638-53-9	50
4		Undecanoic acid	186	C11H22O2	000112-37-8	50
5		n-Decanoic acid	172	C10H20O2	000334-48-5	47



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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SP-1

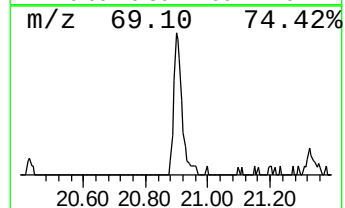
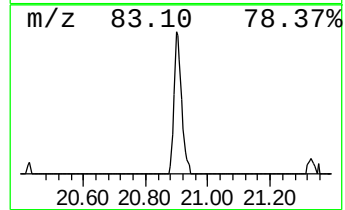
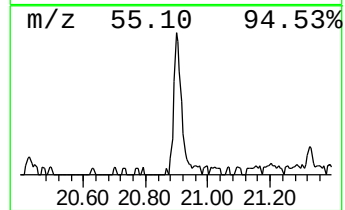
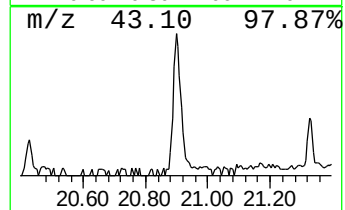
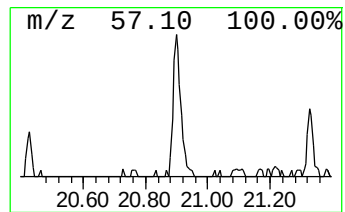
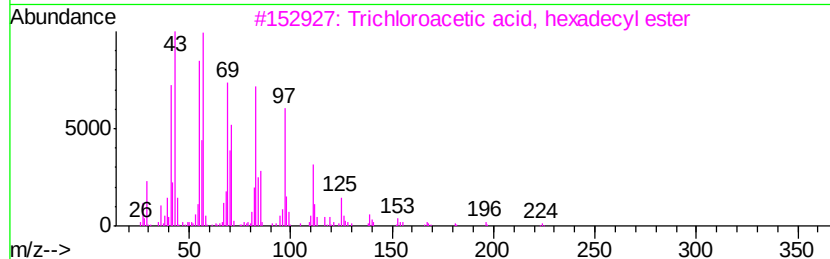
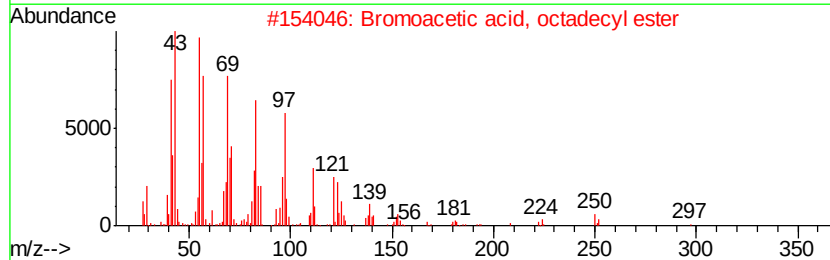
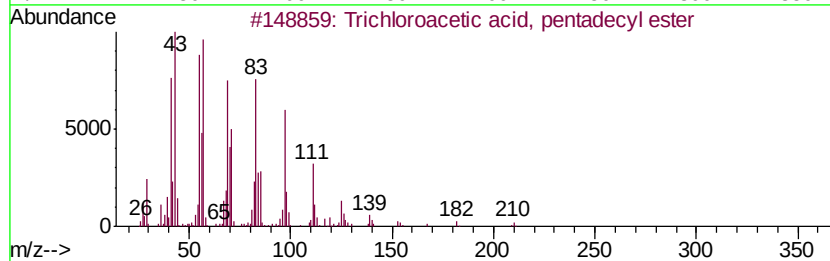
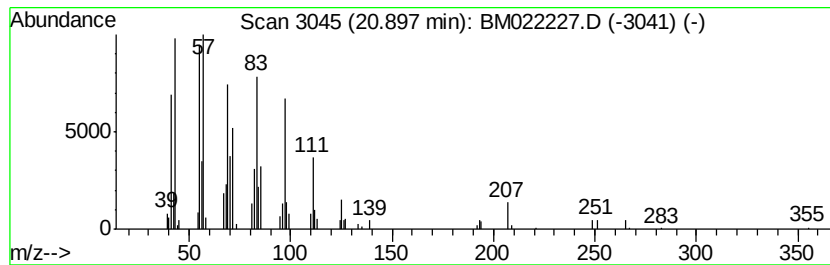
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Peak Number 5 Trichloroacetic acid, penta... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	5.51 ng	132628	Chrysene-d12	21.20

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
2		Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
3		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
4		Trifluoroacetic acid, n-octadecyl...	366	C20H37F3O2	079392-43-1	91
5		1-Heptadecanol	256	C17H36O	001454-85-9	87



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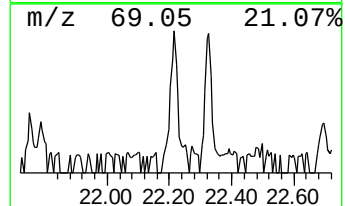
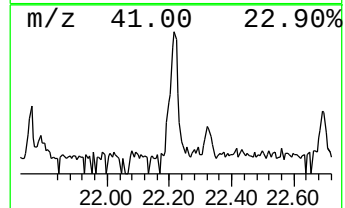
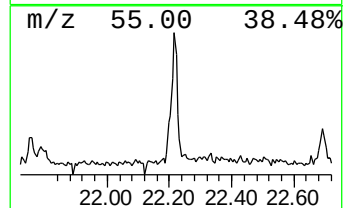
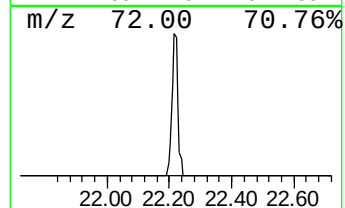
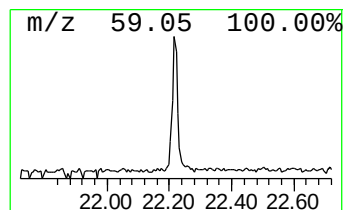
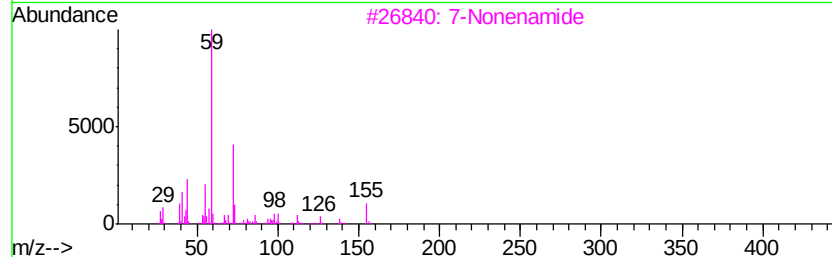
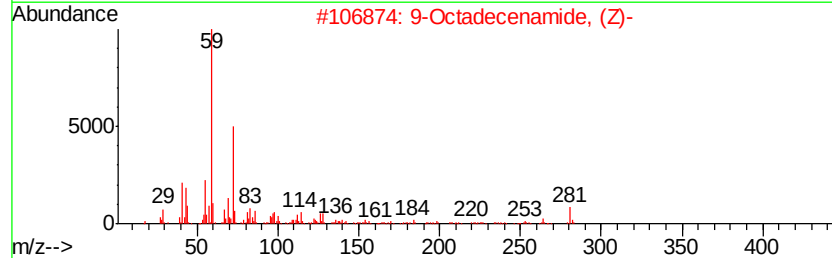
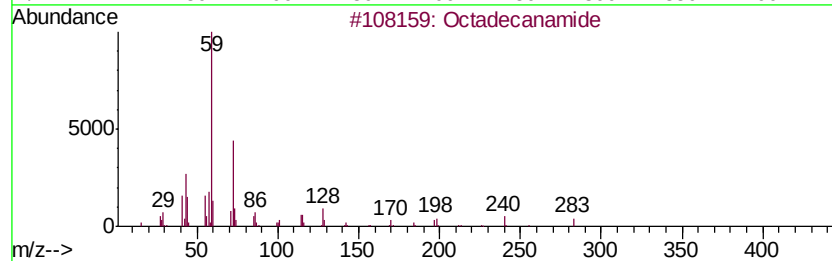
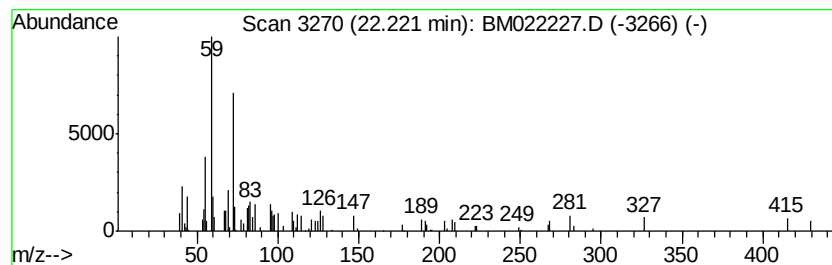
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Peak Number 6 Octadecanamide Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.22	2.80 ng	67230	Chrysene-d12	21.20

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanamide		283	C18H37NO	000124-26-5	64
2	9-Octadecenamide, (Z)-		281	C18H35NO	000301-02-0	64
3	7-Nonenamide		155	C9H17NO	090949-53-4	53
4	Tetradecanamide		227	C14H29NO	000638-58-4	50
5	Dodecanamide		199	C12H25NO	001120-16-7	50



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TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown7.10	7.10	98.3	ng	1089170	1	7.56	221660	20.0
n-Hexadecanoic acid	17.88	5.2	ng	121833	4	16.99	469783	20.0
Tetradecanoic acid	19.17	2.5	ng	61132	5	21.20	481041	20.0
Trichloroacetic a...	20.90	5.5	ng	132628	5	21.20	481041	20.0
Octadecanamide	22.22	2.8	ng	67230	5	21.20	481041	20.0