

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082418\
 Data File : BM016595.D
 Acq On : 24 Aug 2018 19:15
 Operator : SJ/JU
 Sample : J4627-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 VB-N29937

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-BM082118.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	5.552	380	385	401	rBV	638834	1165189	6.45%	1.930%
2	7.187	658	663	680	rBV	374165	768208	4.25%	1.272%
3	7.534	716	722	736	rBV	1706554	2804134	15.51%	4.644%
4	8.004	792	802	817	rBV	467659	858674	4.75%	1.422%
5	8.322	849	856	867	rBV	2046471	3296243	18.24%	5.459%
6	9.192	997	1004	1019	rBV	1156014	2071115	11.46%	3.430%
7	10.810	1273	1279	1289	rBV	547409	989799	5.48%	1.639%
8	13.263	1689	1696	1708	rBV	5524335	7485732	41.42%	12.397%
9	14.110	1835	1840	1850	rVB	493434	725887	4.02%	1.202%
10	14.645	1924	1931	1943	rBV2	1005529	1618879	8.96%	2.681%
11	16.139	2179	2185	2197	rBV	5768365	8125761	44.96%	13.457%
12	17.392	2392	2398	2407	rVB	1705362	2525841	13.98%	4.183%
13	18.251	2539	2544	2556	rBV	825317	1160296	6.42%	1.922%
14	19.509	2755	2758	2766	rBV2	419177	590762	3.27%	0.978%
15	19.980	2833	2838	2843	rBV	16924541	18073915	100.00%	29.932%
16	20.745	2964	2968	2972	rBV5	241055	299040	1.65%	0.495%
17	21.215	3043	3048	3055	rVB4	399282	649041	3.59%	1.075%
18	21.533	3098	3102	3109	rVB	2762830	3459528	19.14%	5.729%
19	22.062	3190	3192	3197	rBV5	172186	208104	1.15%	0.345%
20	23.815	3485	3490	3500	rVB	1782418	3506993	19.40%	5.808%

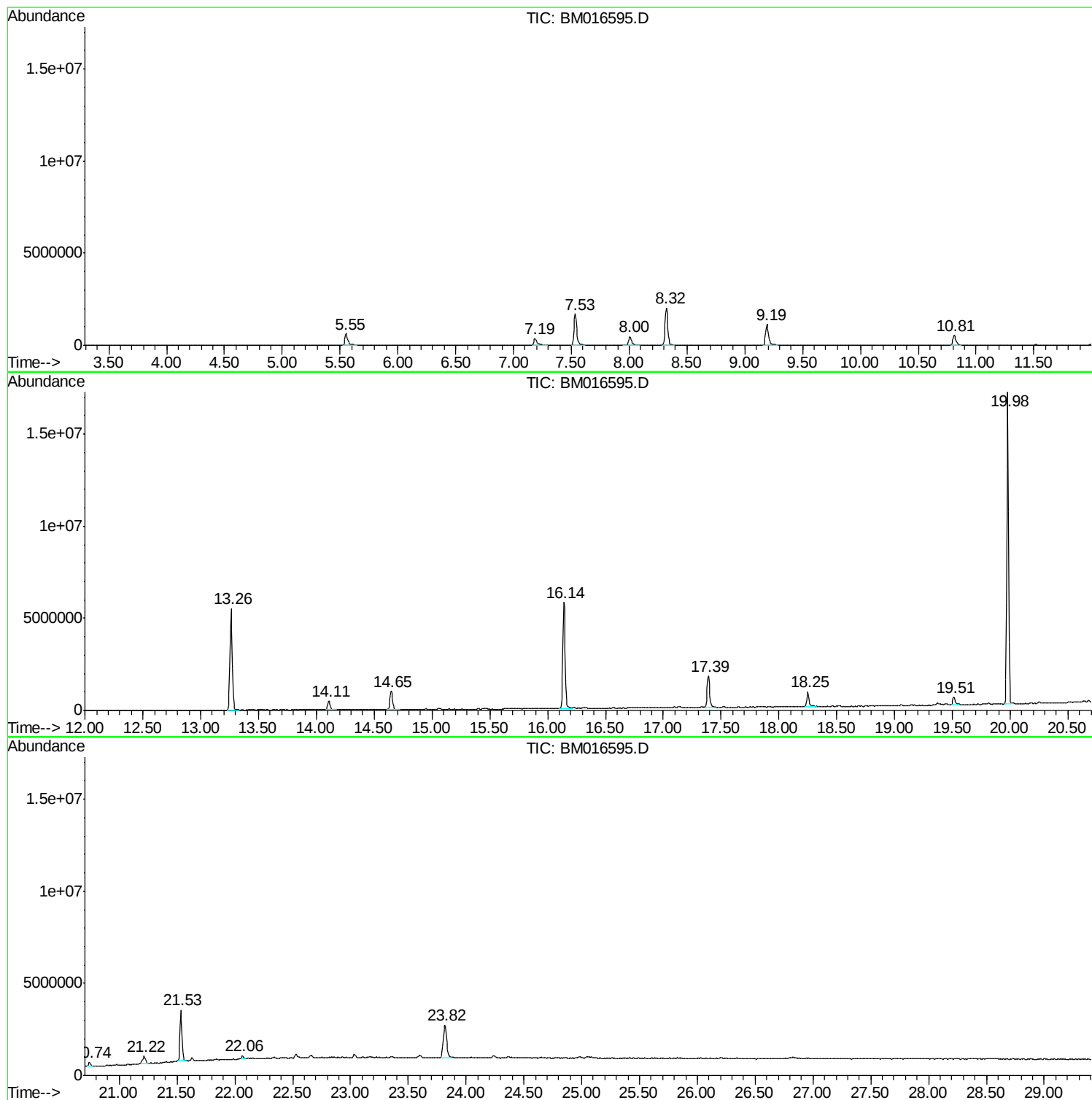
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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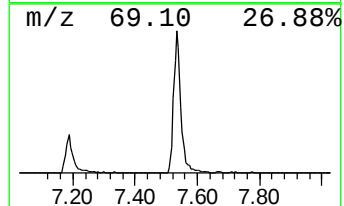
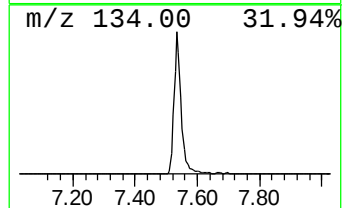
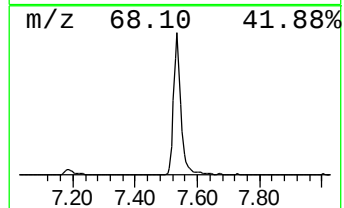
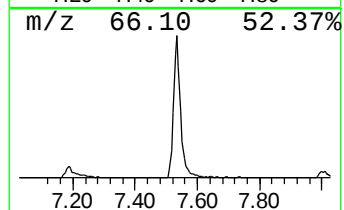
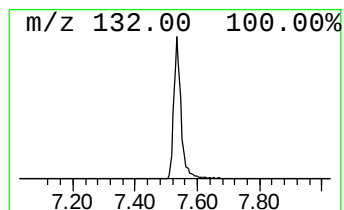
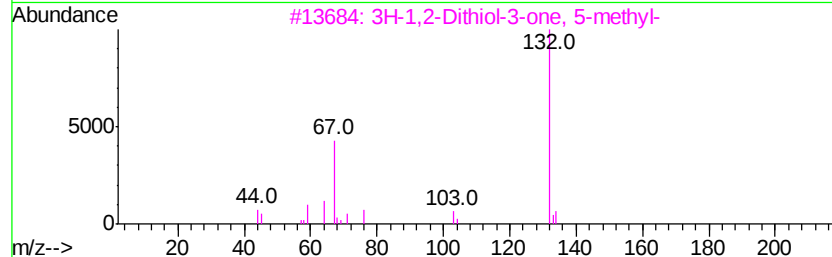
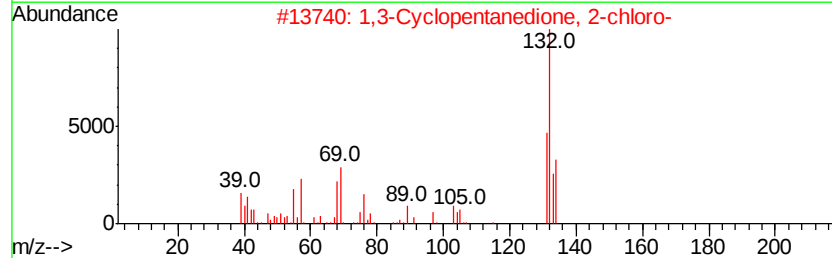
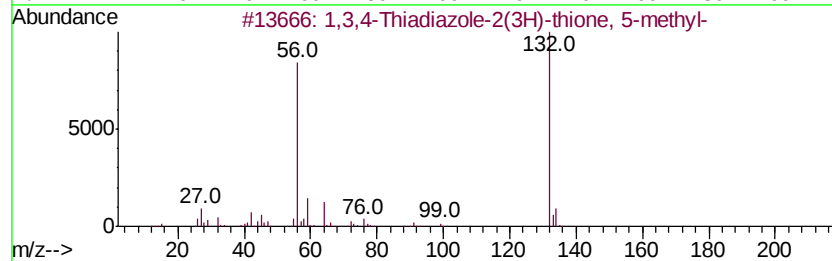
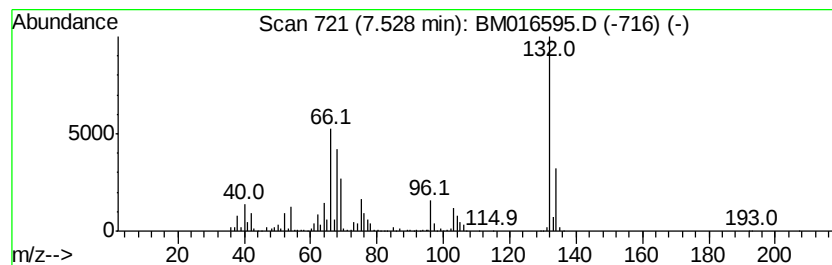
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown7.53 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.53	65.31 ng	2804130	1,4-Dichlorobenzene-d4	8.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	14
2		1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	10
3		3H-1,2-Dithiol-3-one, 5-methyl-	132	C4H4OS2	003620-08-4	10
4		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	10
5		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9



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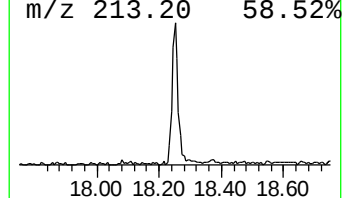
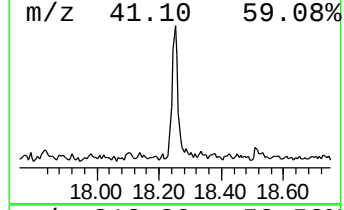
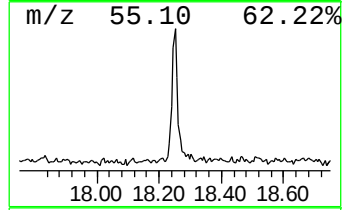
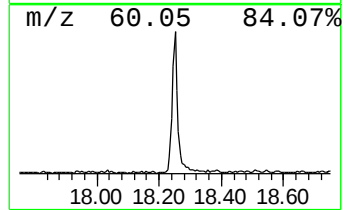
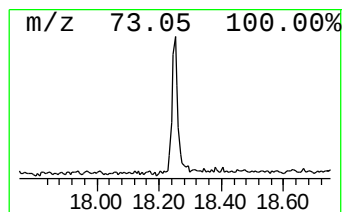
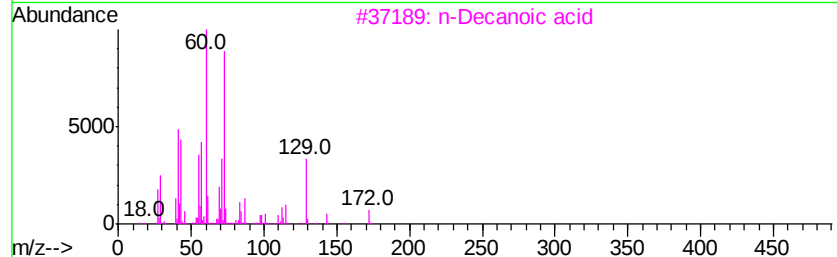
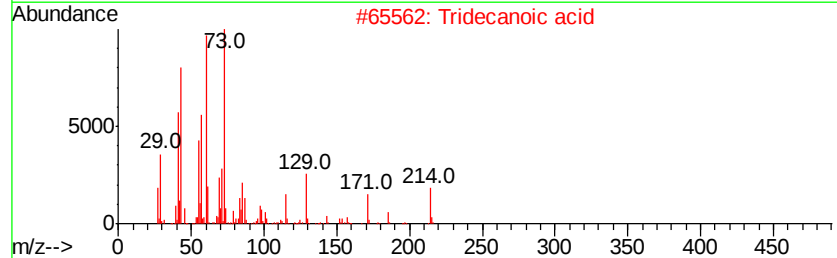
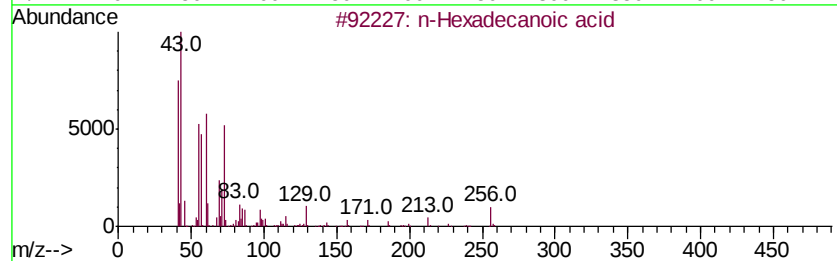
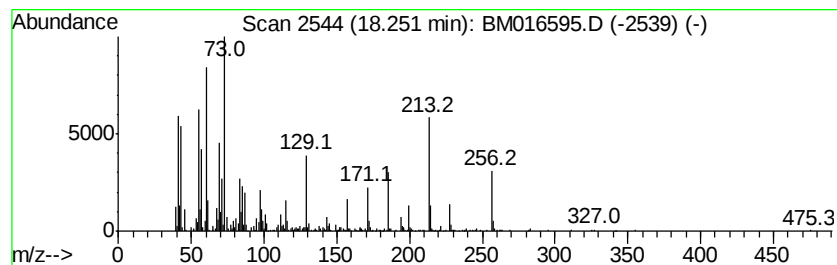
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.25	9.19 ng	1160300	Phenanthrene-d10	17.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Tridecanoic acid	214	C13H26O2	000638-53-9	92
3		n-Decanoic acid	172	C10H20O2	000334-48-5	62
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	52
5		Undecanoic acid	186	C11H22O2	000112-37-8	45



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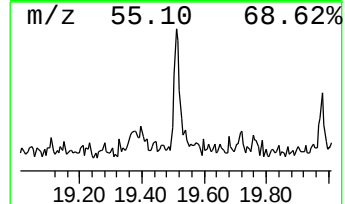
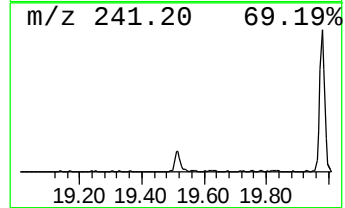
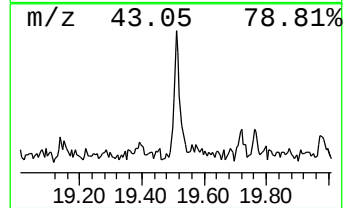
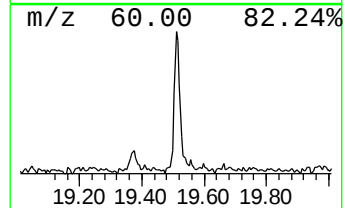
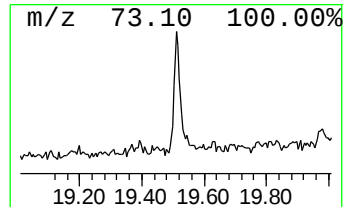
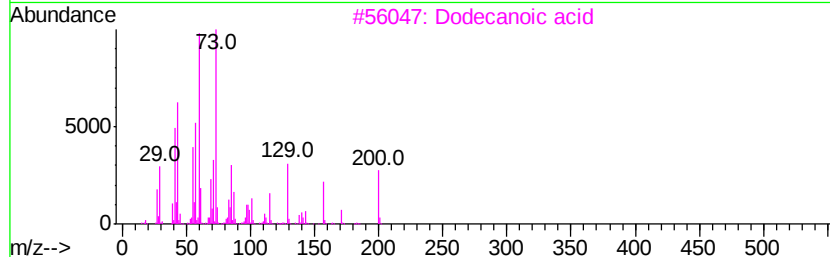
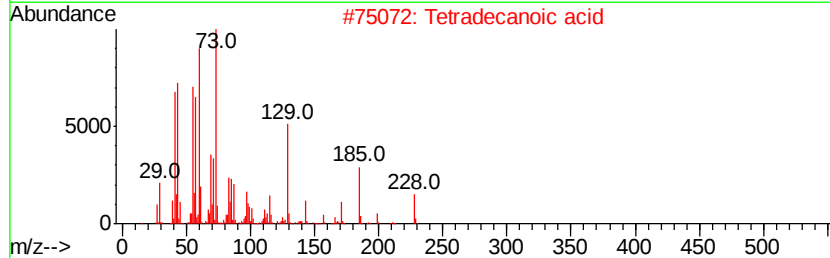
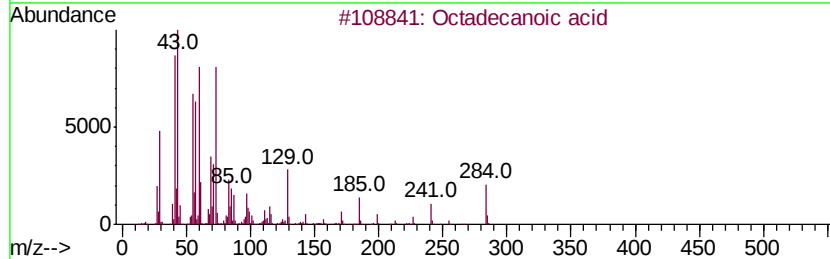
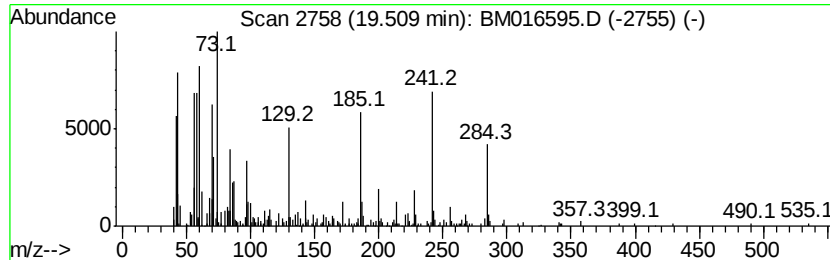
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Peak Number 4 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.51	3.42 ng	590762	Chrysene-d12	21.53

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	74
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	46
3		Dodecanoic acid	200	C12H24O2	000143-07-7	41
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	38
5		Tridecanoic acid	214	C13H26O2	000638-53-9	27



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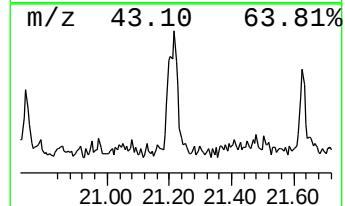
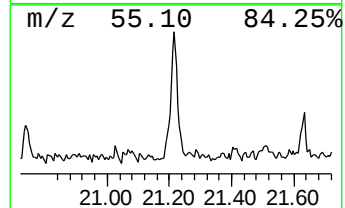
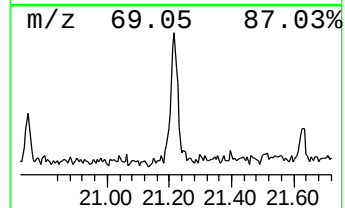
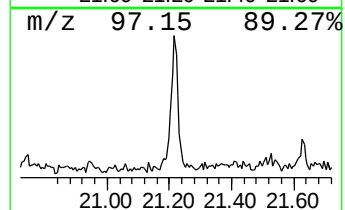
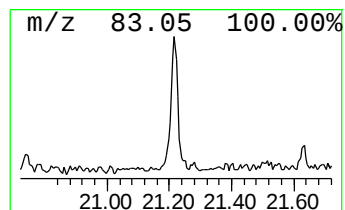
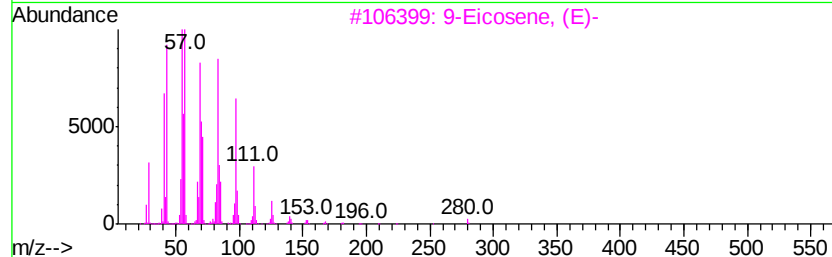
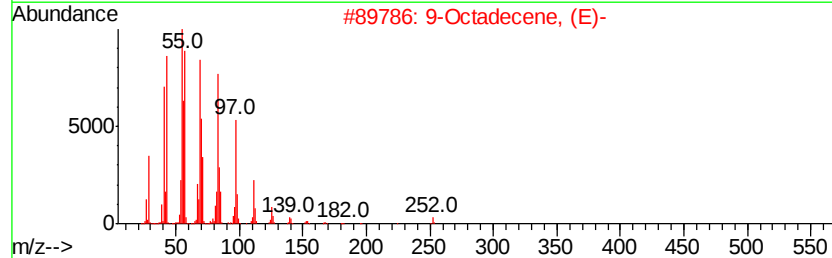
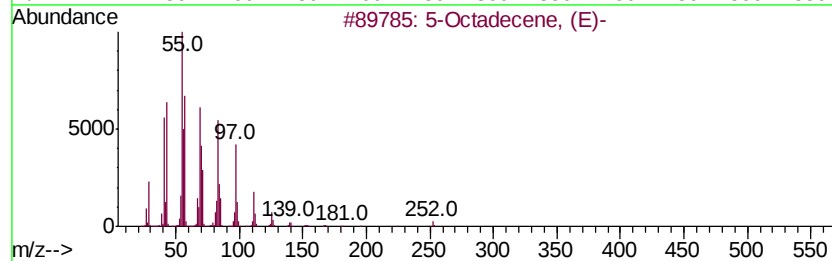
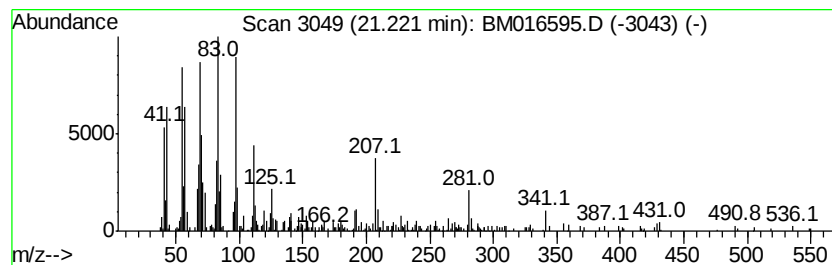
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Peak Number 5 5-Octadecene, (E)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.22	3.75 ng	649041	Chrysene-d12	21.53

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		5-Octadecene, (E)-	252	C18H36	007206-21-5	90
2		9-Octadecene, (E)-	252	C18H36	007206-25-9	86
3		9-Eicosene, (E)-	280	C20H40	074685-29-3	86
4		E-15-Heptadecenal	252	C17H32O	1000130-97-9	83
5		13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	83



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown7.53	7.53	65.3	ng	2804130	1	8.00	858674	20.0
n-Hexadecanoic acid	18.25	9.2	ng	1160300	4	17.39	2525840	20.0
Octadecanoic acid	19.51	3.4	ng	590762	5	21.53	3459530	20.0
5-Octadecene, (E)-	21.22	3.8	ng	649041	5	21.53	3459530	20.0