

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM072618\
 Data File : BM016085.D
 Acq On : 26 Jul 2018 23:01
 Operator : SJ/JU
 Sample : J4160-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 072418-TIPC-F-D-B

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-BM072318.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	5.722	408	414	430	rBV	450688	707210	11.82%	3.009%
2	7.363	687	693	709	rBV	305728	510566	8.53%	2.172%
3	7.728	749	755	769	rBV	971403	1541575	25.76%	6.559%
4	8.204	829	836	847	rBB	276521	451007	7.54%	1.919%
5	8.528	884	891	902	rBV	1381711	2185987	36.52%	9.301%
6	9.392	1031	1038	1050	rBV	1071258	1758632	29.38%	7.483%
7	11.022	1309	1315	1329	rBB	316216	548923	9.17%	2.336%
8	13.457	1722	1729	1740	rVB	2894405	3910385	65.34%	16.639%
9	14.280	1864	1869	1878	rBV	222272	298922	4.99%	1.272%
10	14.833	1953	1963	1972	rVB2	471434	745054	12.45%	3.170%
11	16.098	2173	2178	2185	rBV	114228	136519	2.28%	0.581%
12	16.316	2209	2215	2228	rBV	1679360	2235691	37.35%	9.513%
13	17.563	2421	2427	2435	rBV	620291	876305	14.64%	3.729%
14	18.404	2566	2570	2580	rBV	75288	104166	1.74%	0.443%
15	20.139	2859	2865	2870	rBV	5194571	5985032	100.00%	25.466%
16	21.680	3122	3127	3132	rBV	689984	872611	14.58%	3.713%
17	24.044	3523	3529	3538	rVB	319432	633132	10.58%	2.694%

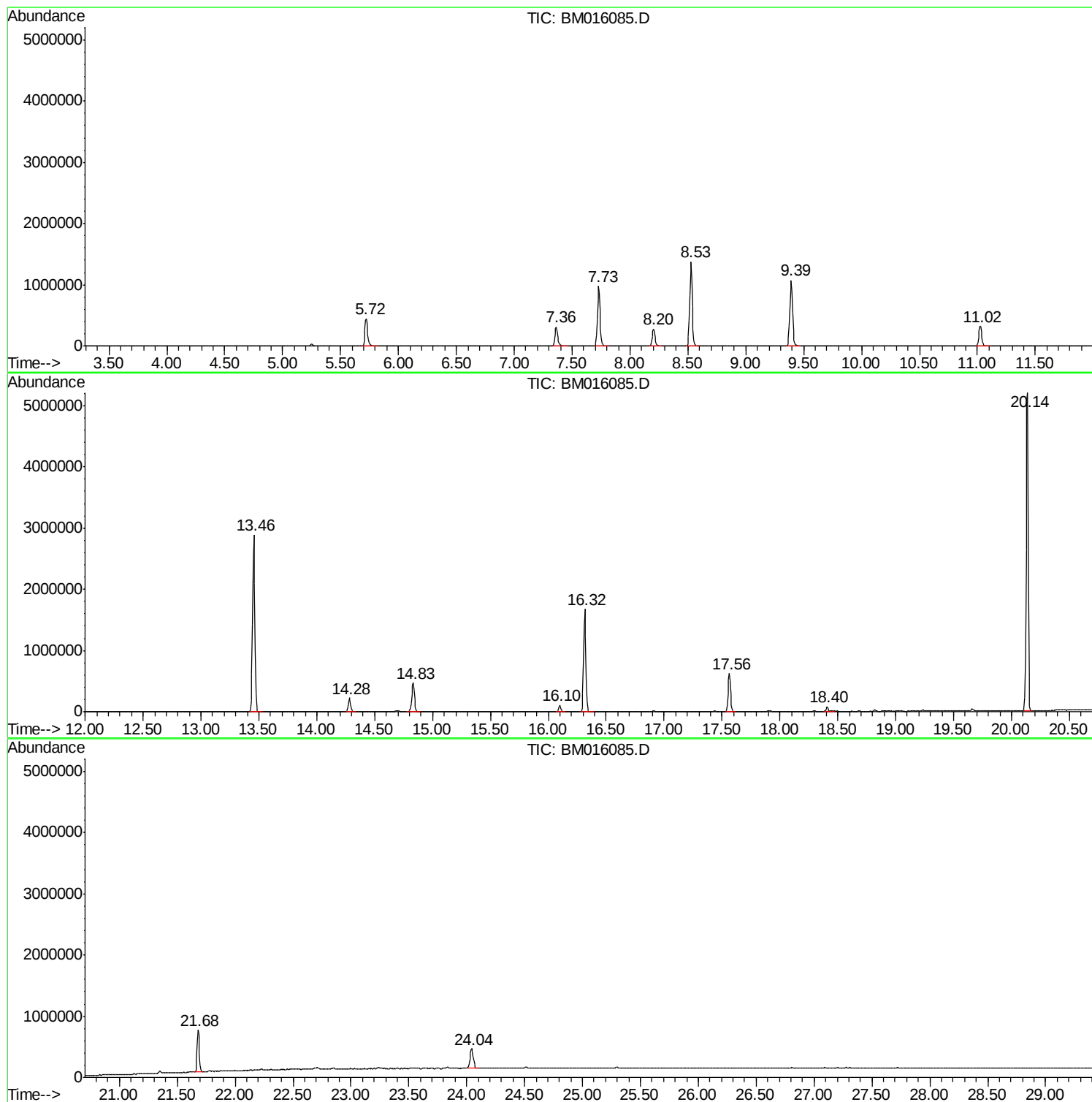
Sum of corrected areas: 23501717

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM072318.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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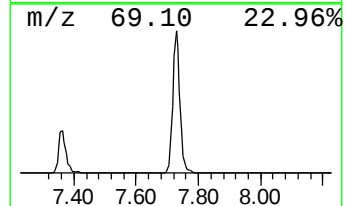
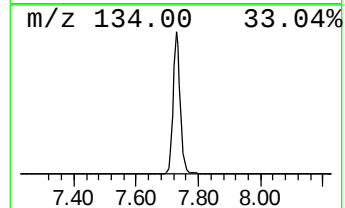
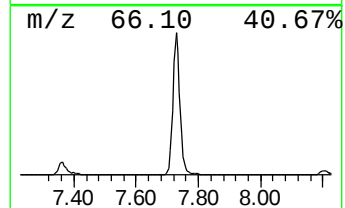
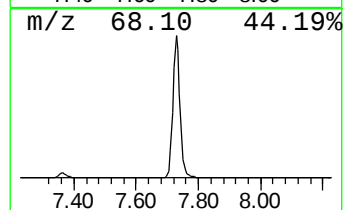
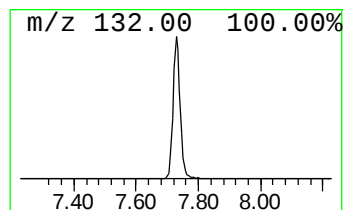
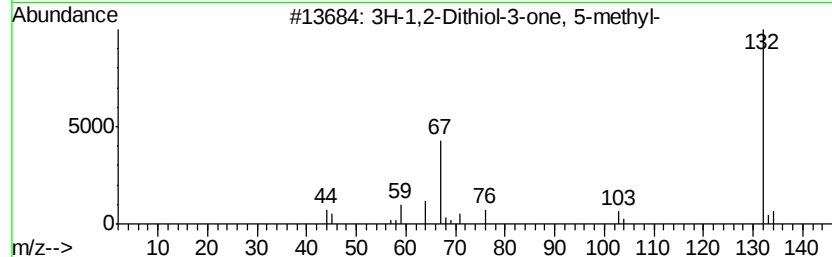
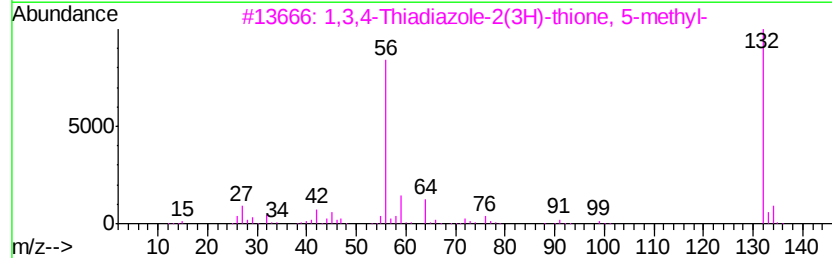
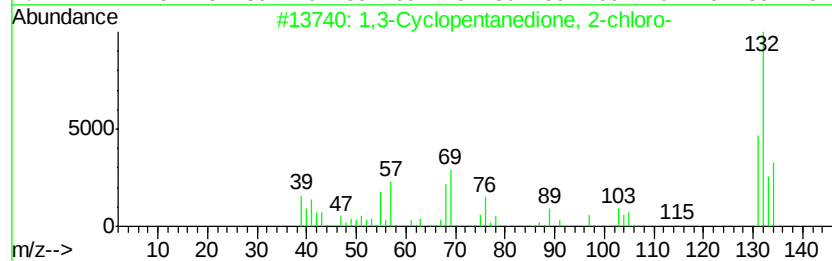
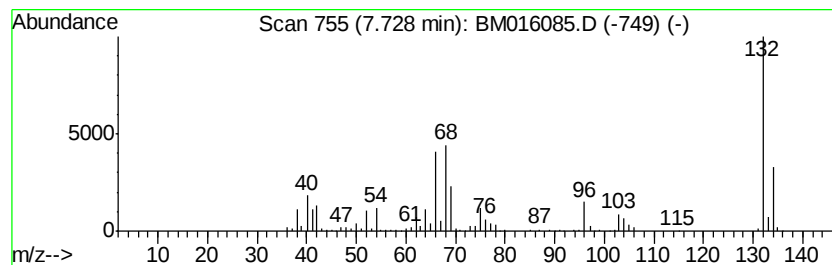
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM072318.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown7.73 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.73	68.36 ng	1541580	1,4-Dichlorobenzene-d4	8.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	16
2		1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	14
3		3H-1,2-Dithiol-3-one, 5-methyl-	132	C4H4OS2	003620-08-4	14
4		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	14



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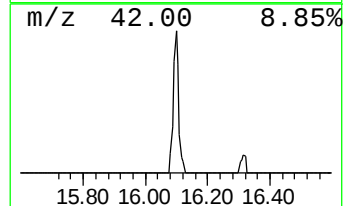
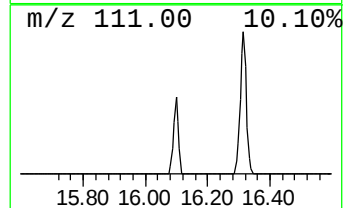
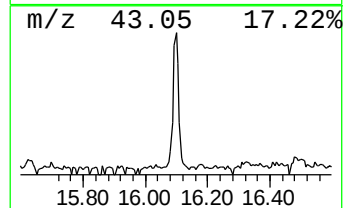
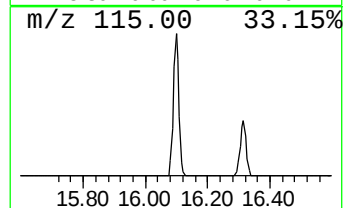
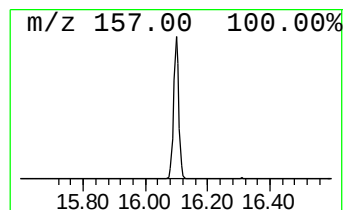
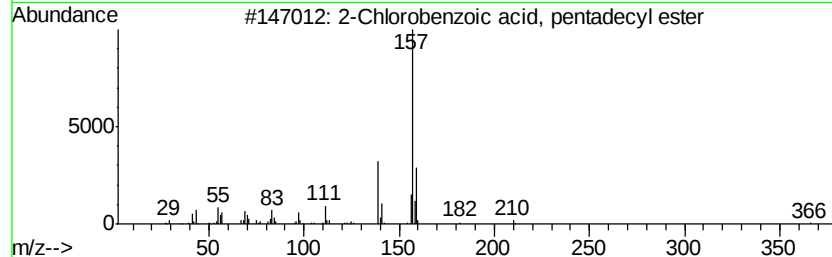
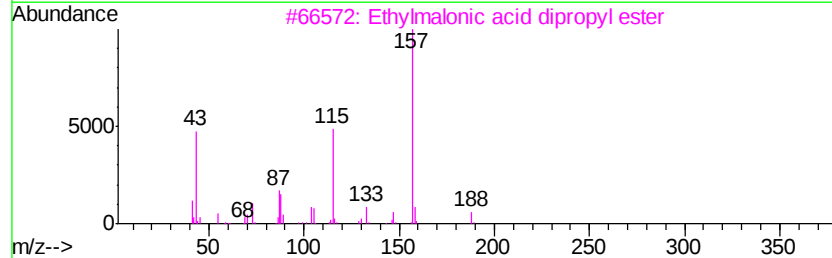
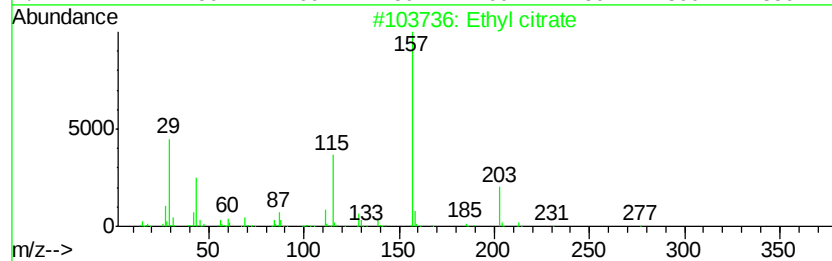
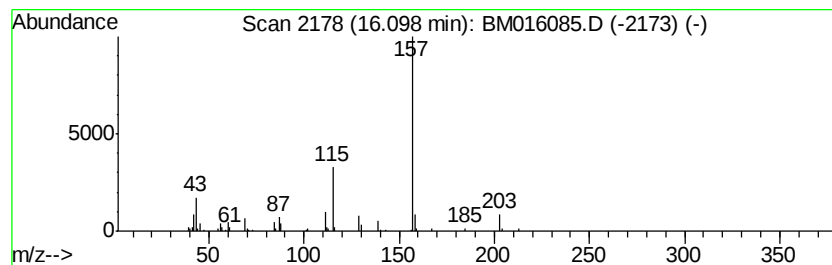
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Peak Number 3 Ethyl citrate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.10	3.66 ng	136519	Acenaphthene-d10	14.83
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Ethyl citrate	276 C12H20O7	000077-93-0 90
2		Ethylmalonic acid dipropyl ester	216 C11H20O4	001113-91-3 64
3		2-Chlorobenzoic acid, pentadecyl...	366 C22H35ClO2	1000292-43-0 40
4		2-Chlorobenzoic acid, tridecyl e...	338 C20H31ClO2	1000292-42-8 40
5		Hexanedioic acid, 3-ethyl-, bis(...	286 C16H30O4	057983-54-7 39



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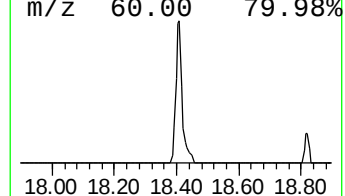
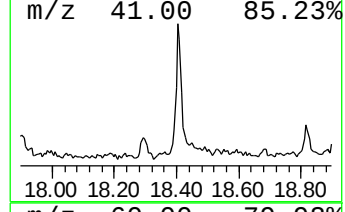
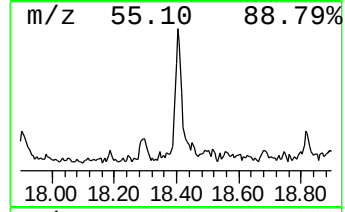
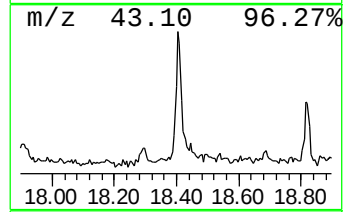
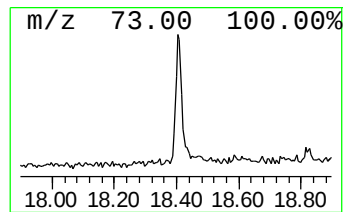
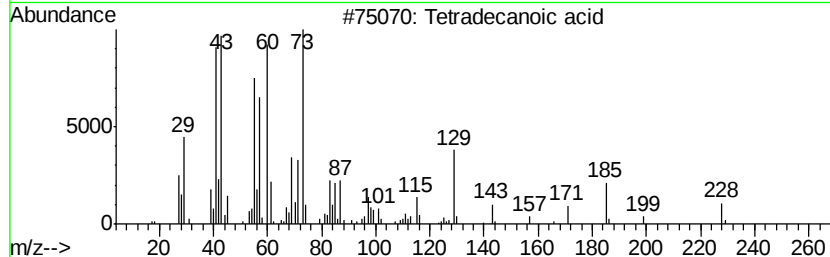
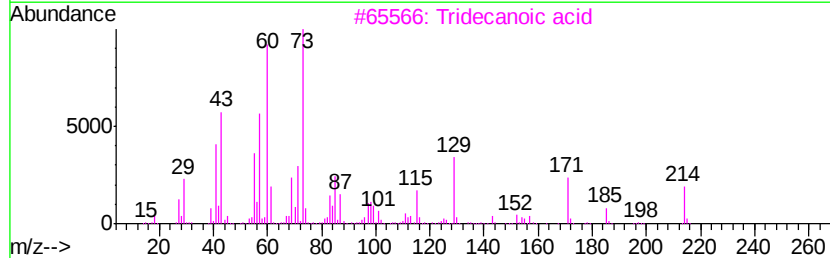
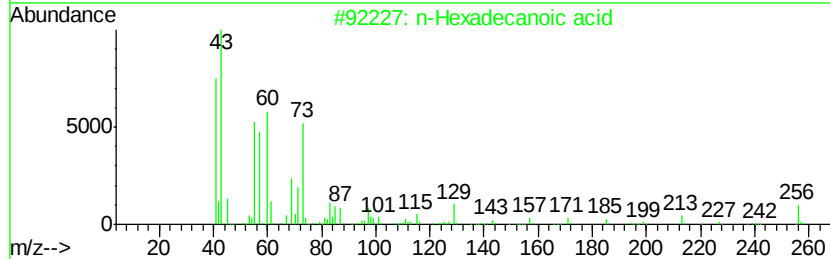
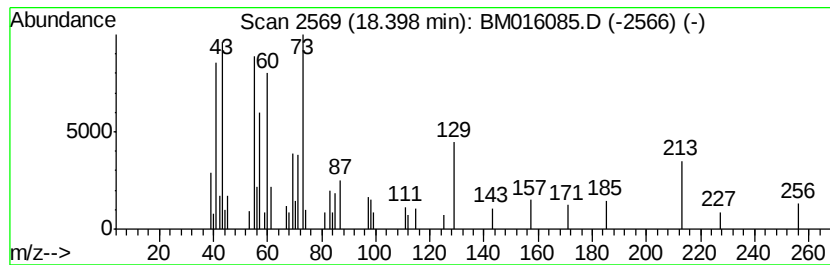
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.40	2.38 ng	104166	Phenanthrene-d10	17.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
2		Tridecanoic acid	214	C13H26O2	000638-53-9	53
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	53
4		n-Decanoic acid	172	C10H20O2	000334-48-5	49
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	47



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TIC Top Hit name	RT	EstConc	Units	Response	---Internal Standard---			
					#	RT	Resp	Conc
unknown7.73	7.73	68.4	ng	1541580	1	8.20	451007	20.0
Ethyl citrate	16.10	3.7	ng	136519	3	14.83	745054	20.0
n-Hexadecanoic acid	18.40	2.4	ng	104166	4	17.56	876305	20.0