

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071118\
 Data File : BM015916.D
 Acq On : 12 Jul 2018 15:49
 Operator : SJ/JU
 Sample : J3931-03
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 070918-DBRI-E-D-S

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-BM070518.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	5.793	421	426	442	rBV	432050	701444	12.04%	3.120%
2	7.440	700	706	724	rBV	281601	506652	8.70%	2.254%
3	7.810	762	769	783	rBV	905065	1510509	25.93%	6.720%
4	8.287	844	850	857	rBV	282233	470028	8.07%	2.091%
5	8.610	898	905	918	rBV	1180729	1936008	33.24%	8.612%
6	9.475	1045	1052	1065	rBV	1054133	1760481	30.22%	7.832%
7	11.116	1323	1331	1341	rBV	338929	584077	10.03%	2.598%
8	13.533	1735	1742	1754	rBV	2381790	3395487	58.29%	15.105%
9	13.769	1776	1782	1787	rBV2	42355	61920	1.06%	0.275%
10	14.357	1876	1882	1893	rBV	185871	271049	4.65%	1.206%
11	14.910	1965	1976	1988	rBV2	464111	732868	12.58%	3.260%
12	16.169	2185	2190	2194	rBV	97112	118698	2.04%	0.528%
13	16.386	2221	2227	2243	rBV	1379005	1901651	32.65%	8.460%
14	17.633	2433	2439	2450	rBV	575288	841906	14.45%	3.745%
15	18.468	2577	2581	2591	rBV	63814	89874	1.54%	0.400%
16	20.198	2869	2875	2880	rBV	5102051	5825060	100.00%	25.913%
17	21.745	3133	3138	3147	rBV	682702	917494	15.75%	4.081%
18	24.139	3539	3545	3555	rVB	431576	854184	14.66%	3.800%

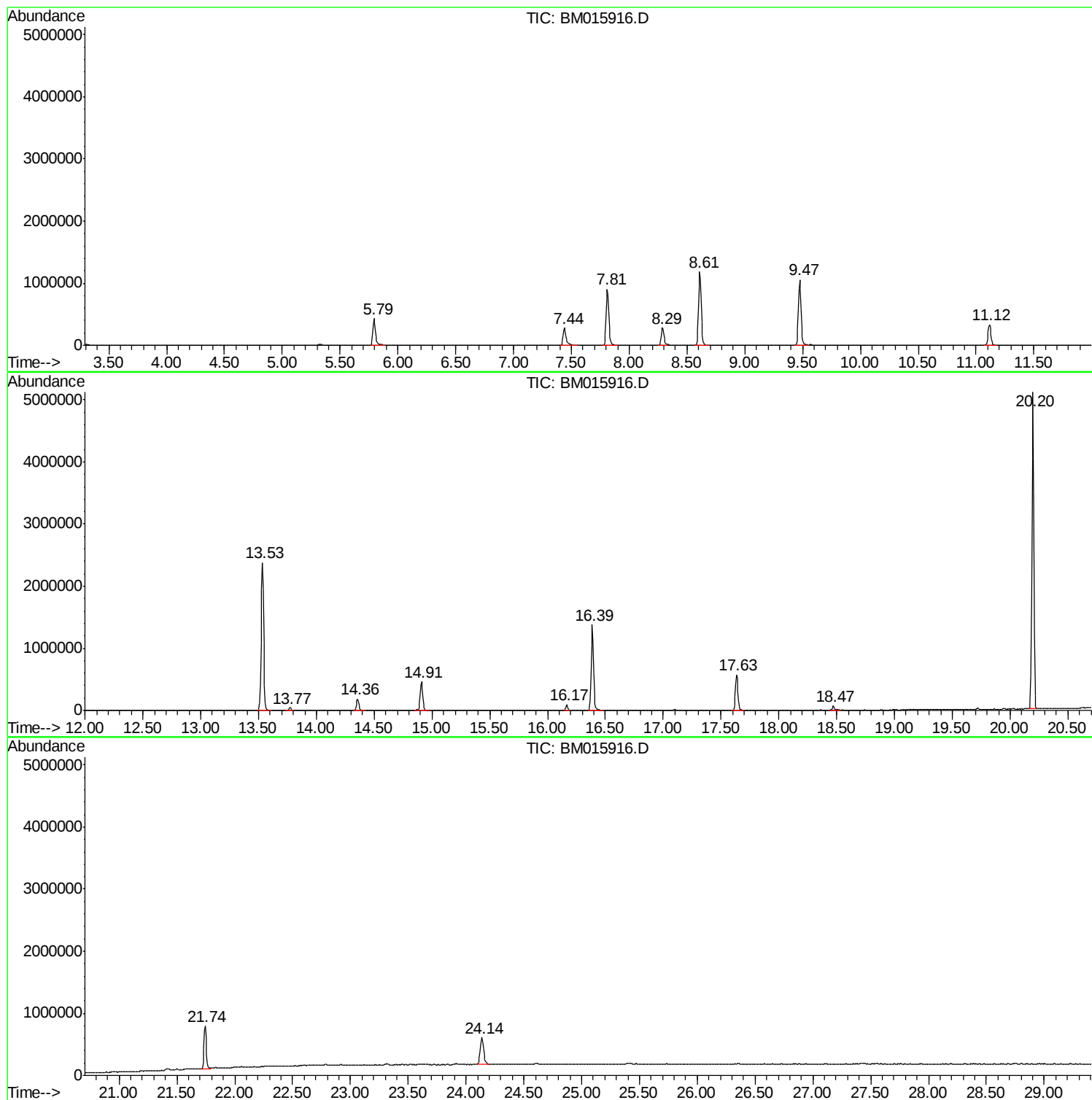
Sum of corrected areas: 22479390

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070518.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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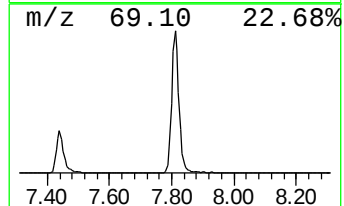
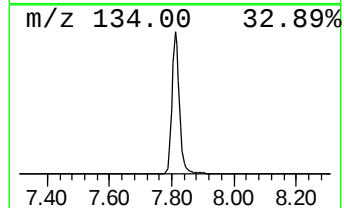
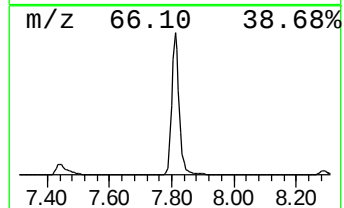
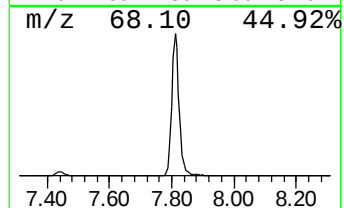
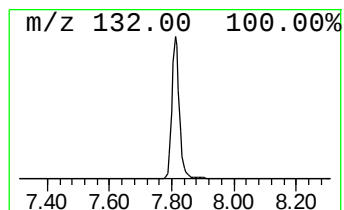
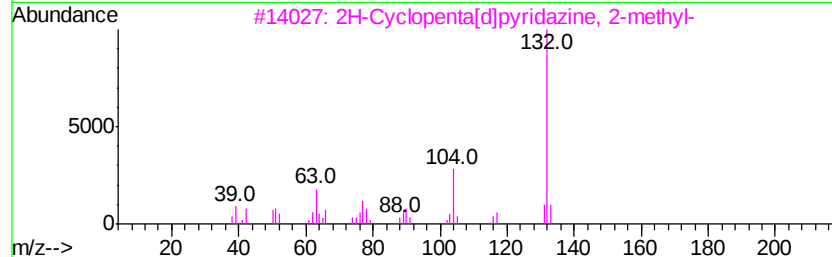
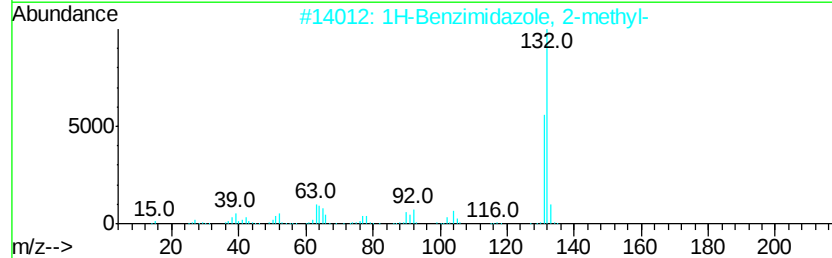
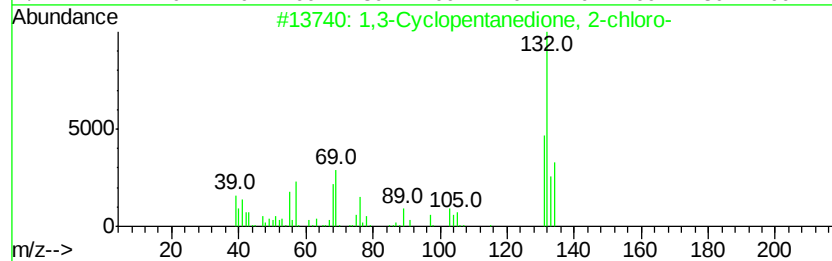
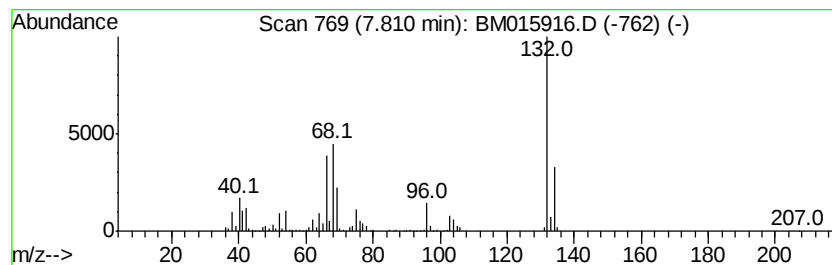
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070518.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown7.81 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.81	64.27 ng	1510510	1,4-Dichlorobenzene-d4	8.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	22
2		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	14
3		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	14
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	14
5		3H-1,2-Dithiol-3-one, 5-methyl-	132	C4H4OS2	003620-08-4	14



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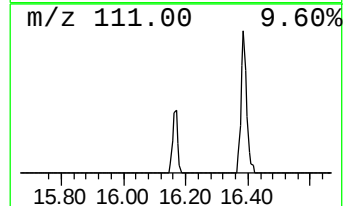
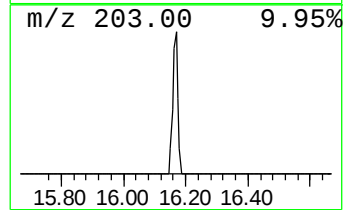
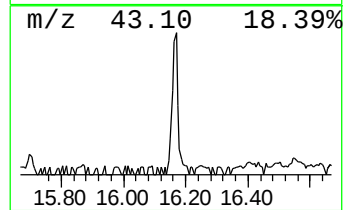
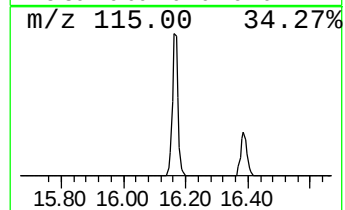
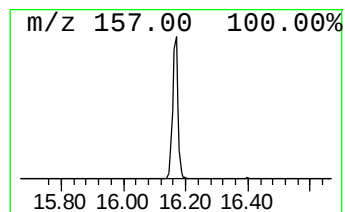
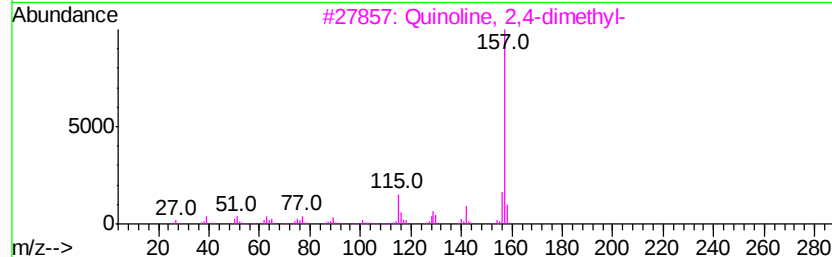
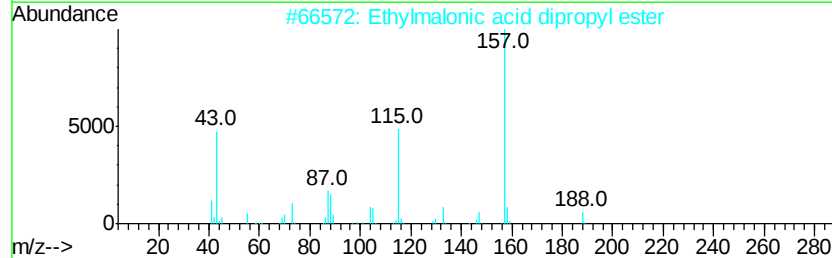
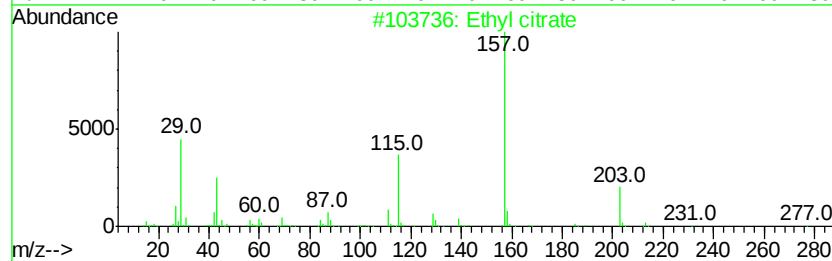
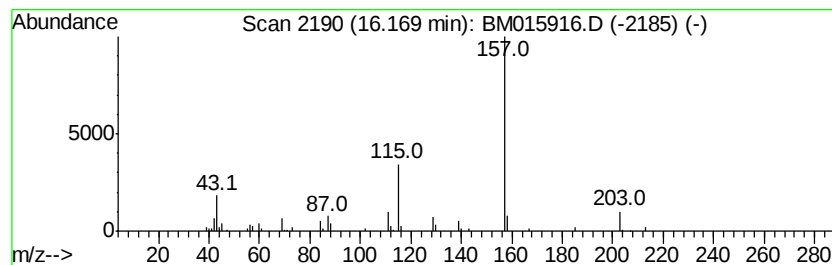
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Peak Number 3 Ethyl citrate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.17	3.24 ng	118698	Acenaphthene-d10	14.91
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Ethyl citrate	276 C12H20O7	000077-93-0 86
2		Ethylmalonic acid dipropyl ester	216 C11H20O4	001113-91-3 50
3		Quinoline, 2,4-dimethyl-	157 C11H11N	001198-37-4 36
4		Pyrимidine, 2-methylthio-4-hydro...	157 C5H7N3OS	001074-41-5 28
5		6-Chloronicotinic acid	157 C6H4ClNO2	005326-23-8 9



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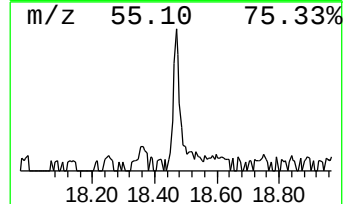
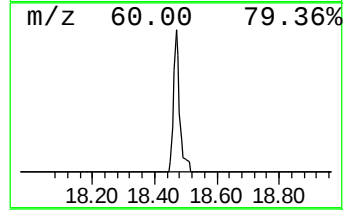
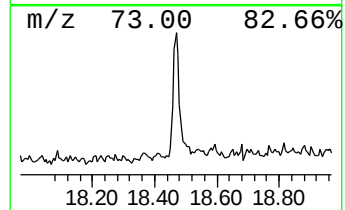
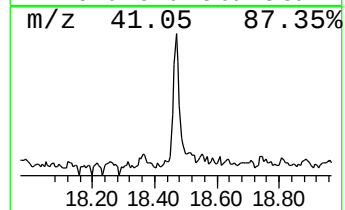
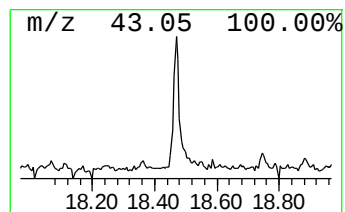
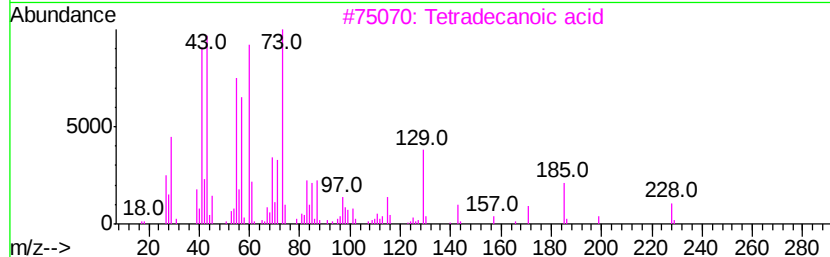
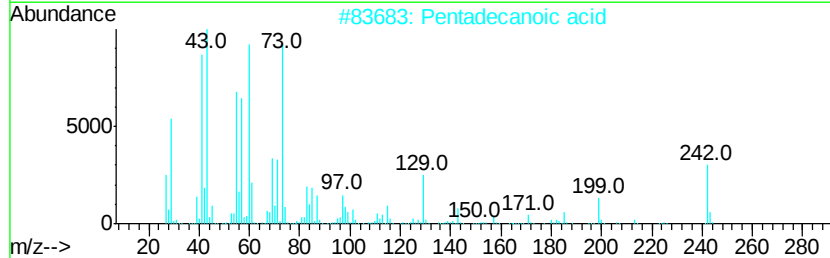
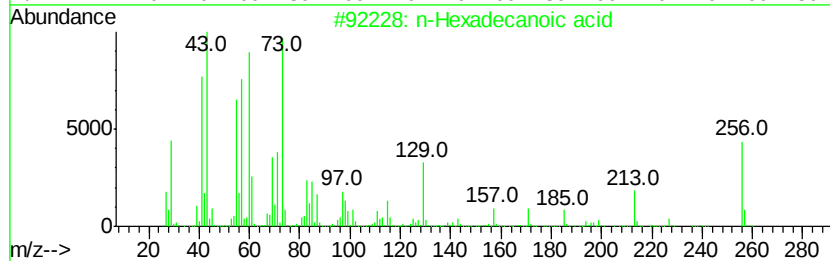
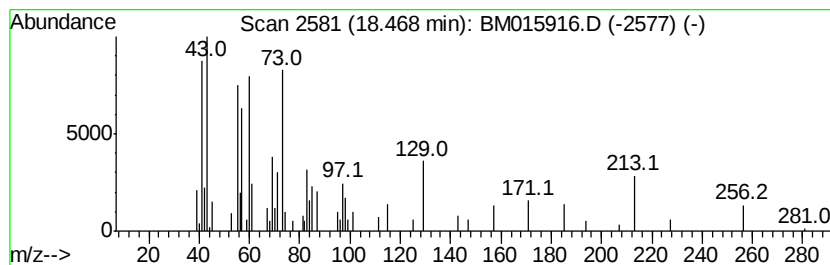
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.47	2.14 ng	89874	Phenanthrene-d10	17.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	59
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	59
4		Dodecanoic acid	200	C12H24O2	000143-07-7	53
5		Lactose	342	C12H22O11	000063-42-3	47



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown7.81	7.81	64.3	ng	1510510	1	8.29	470028	20.0
Ethyl citrate	16.17	3.2	ng	118698	3	14.91	732868	20.0
n-Hexadecanoic acid	18.47	2.1	ng	89874	4	17.63	841906	20.0