

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071218\
 Data File : BM015929.D
 Acq On : 12 Jul 2018 23:47
 Operator : SJ/JU
 Sample : J3951-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 071018-DBRI-E-D-M

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-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	618179	990276	15.58%	3.676%
2	7.440	700	706	724	rBV	421514	749457	11.79%	2.782%
3	7.810	762	769	782	rBV	1204534	1963043	30.88%	7.288%
4	8.287	844	850	857	rBV	353896	573786	9.03%	2.130%
5	8.610	898	905	920	rVB	1567622	2527523	39.76%	9.383%
6	9.475	1045	1052	1064	rBV	1309352	2215955	34.86%	8.226%
7	11.116	1323	1331	1339	rBV	414688	722677	11.37%	2.683%
8	13.533	1735	1742	1760	rBV	3016330	4243729	66.76%	15.754%
9	14.357	1877	1882	1888	rBV	81227	115868	1.82%	0.430%
10	14.910	1964	1976	1987	rBV2	557554	894120	14.07%	3.319%
11	16.163	2184	2189	2196	rBV	197478	234397	3.69%	0.870%
12	16.386	2221	2227	2242	rBV	1579031	2202933	34.66%	8.178%
13	17.633	2433	2439	2447	rBV	688209	971961	15.29%	3.608%
14	18.468	2576	2581	2586	rBV2	89001	120199	1.89%	0.446%
15	20.198	2869	2875	2884	rBV	5395583	6356363	100.00%	23.597%
16	21.745	3133	3138	3145	rBV	794563	1051027	16.54%	3.902%
17	24.133	3538	3544	3553	rVB	502387	1003741	15.79%	3.726%

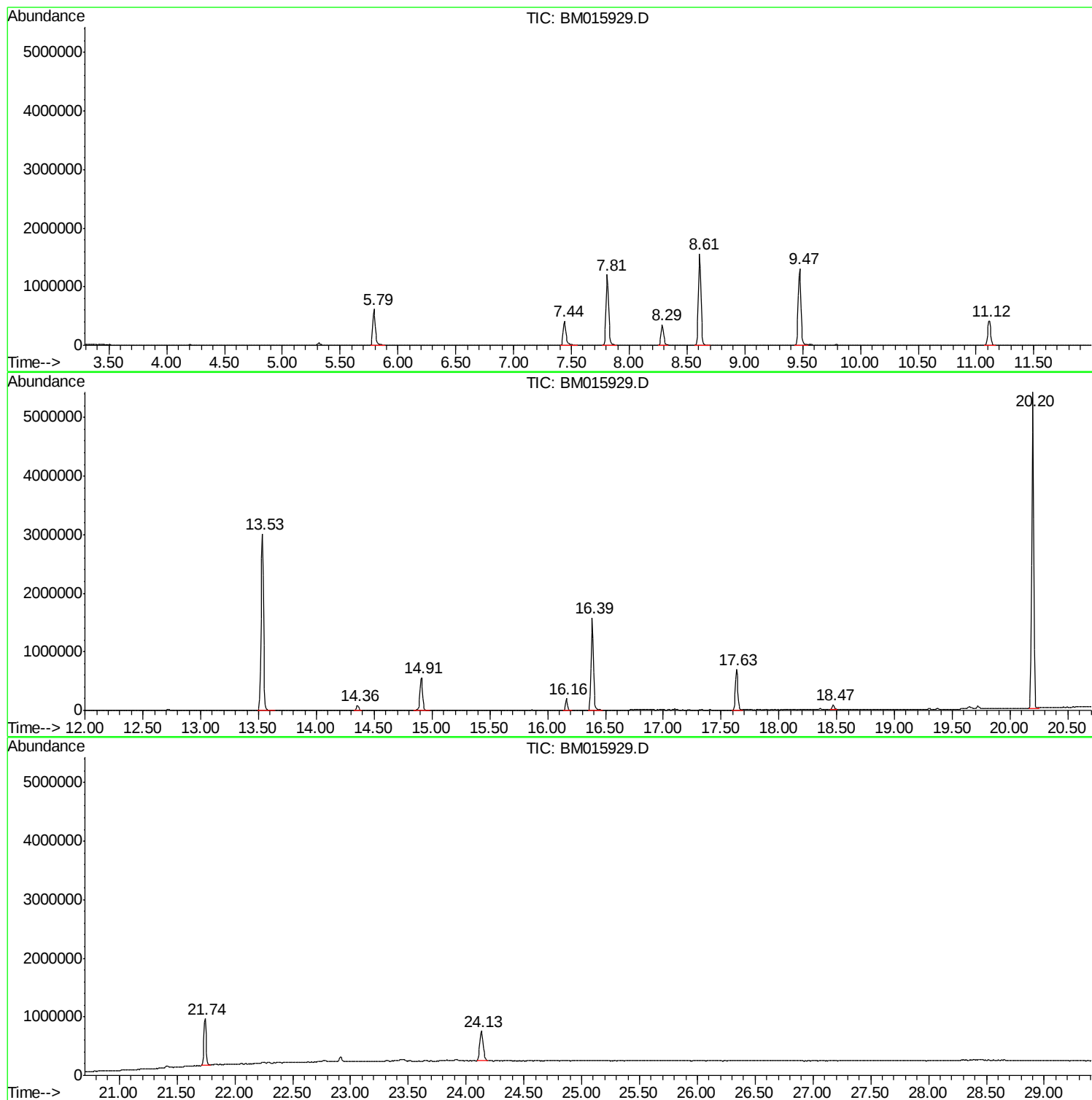
Sum of corrected areas: 26937055

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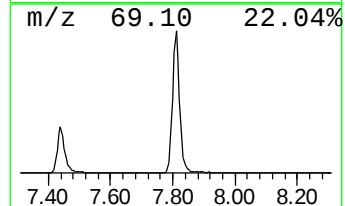
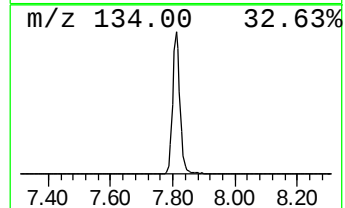
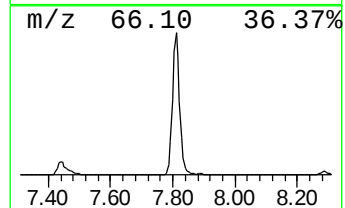
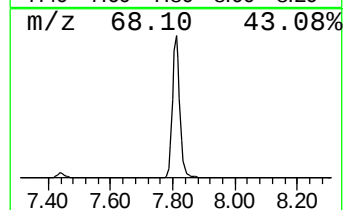
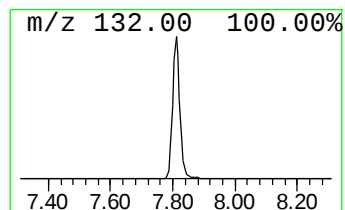
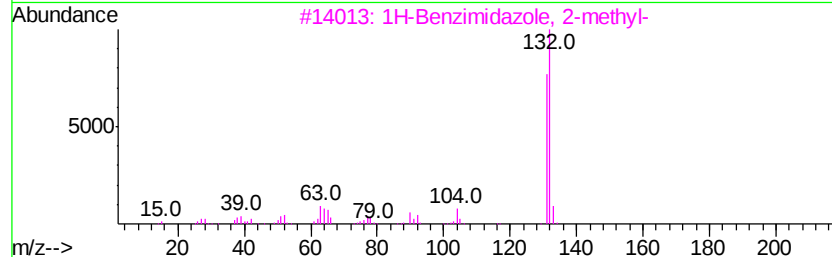
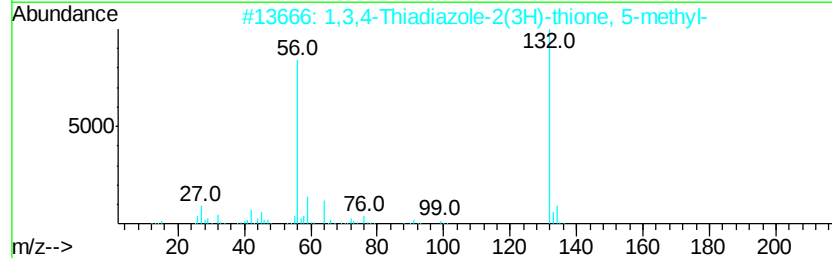
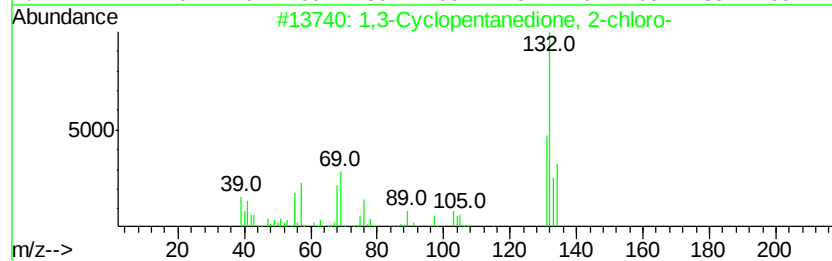
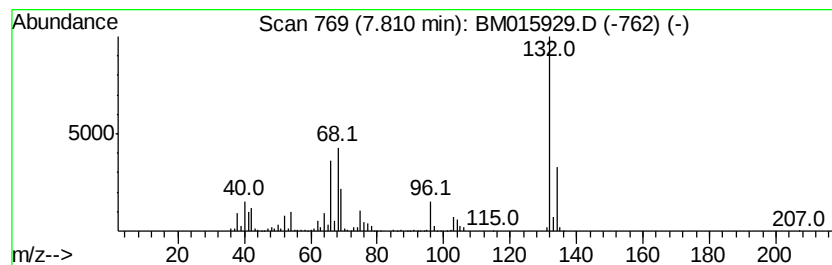
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070518.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown7.81 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.81	68.42 ng	1963040	1,4-Dichlorobenzene-d4	8.29

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	35
2			1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	27
3			1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	27
4			5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	27
5			2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	22



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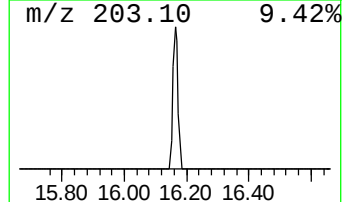
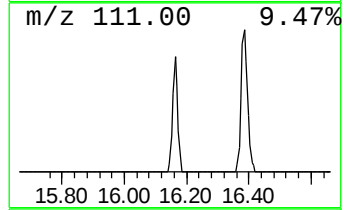
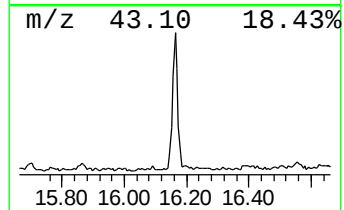
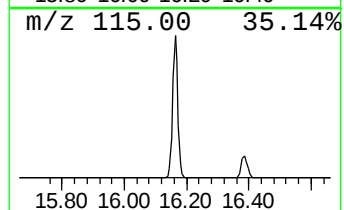
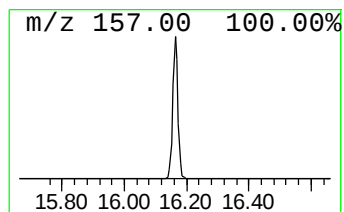
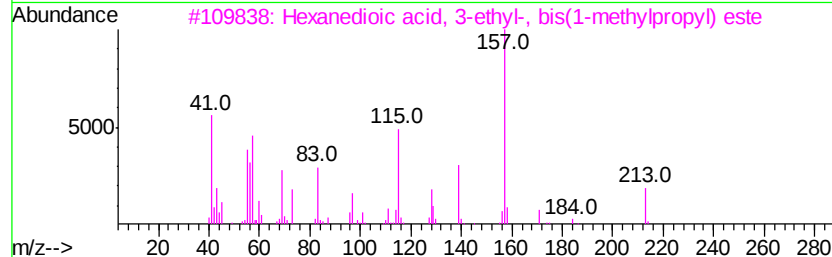
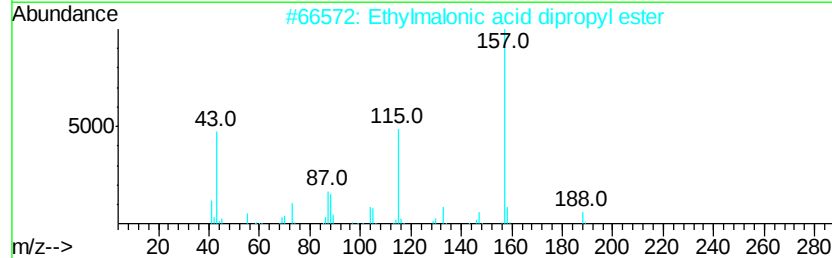
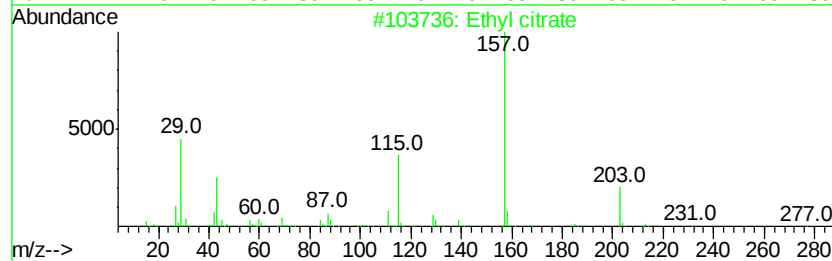
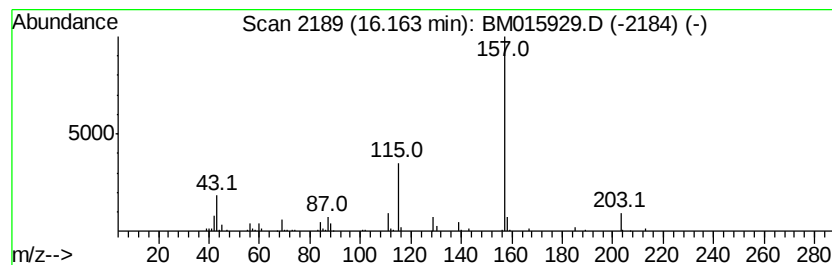
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Peak Number 3 Ethyl citrate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.16	5.24 ng	234397	Acenaphthene-d10	14.91	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl citrate	276	C12H20O7	000077-93-0	87
2	Ethylmalonic acid dipropyl ester	216	C11H20O4	001113-91-3	59
3	Hexanedioic acid, 3-ethyl-, bis(...	286	C16H30O4	057983-54-7	39
4	1-Amino-2-methylnaphthalene	157	C11H11N	002246-44-8	38
5	Pyrimidine, 2-methylthio-4-hydro...	157	C5H7N3OS	001074-41-5	33



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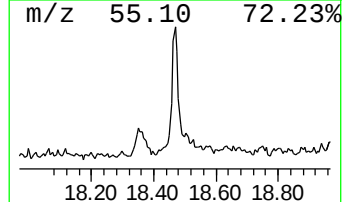
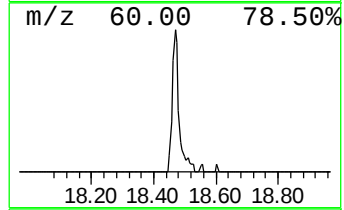
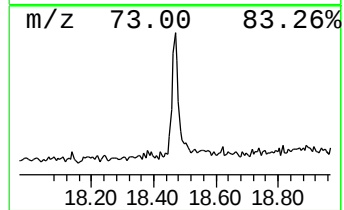
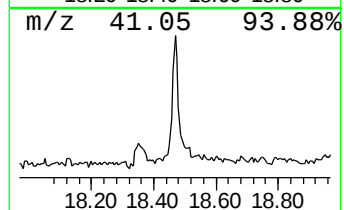
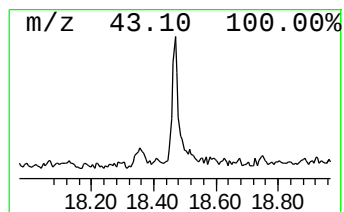
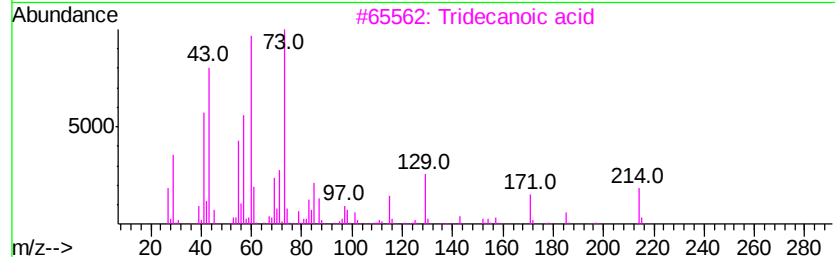
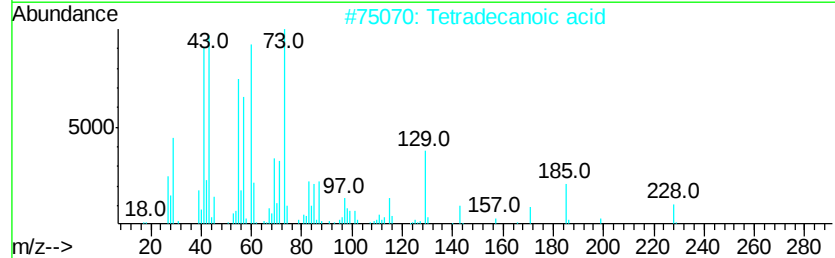
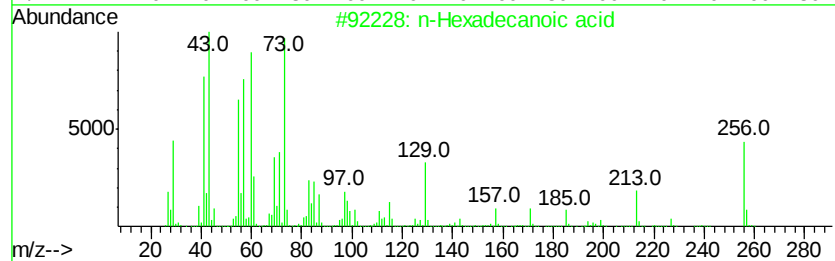
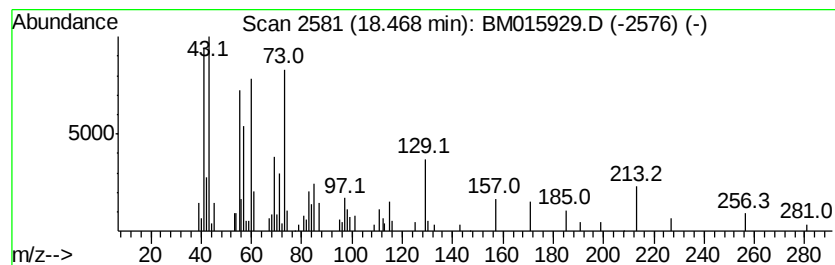
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.47	2.47 ng	120199	Phenanthrene-d10	17.63

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	74
3		Tridecanoic acid	214	C13H26O2	000638-53-9	72
4		1-Phenazinecarboxylic acid, 6-[1...	506	C31H42N2O4	120464-92-8	72
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	59



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TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown7.81	7.81	68.4	ng	1963040	1	8.29	573786	20.0
Ethyl citrate	16.16	5.2	ng	234397	3	14.91	894120	20.0
n-Hexadecanoic acid	18.47	2.5	ng	120199	4	17.63	971961	20.0