

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052317\
 Data File : BM010162.D
 Acq On : 24 May 2017 03:47
 Operator : SJ/MA
 Sample : I3222-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EX-11

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:\HPCHEM1\BNA_M\METHODS\8270-BM051917.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	5.075	333	338	349	rBV	173395	256528	3.72%	0.672%
2	5.534	410	416	427	rBV	2034651	2857082	41.48%	7.485%
3	7.140	682	689	704	rBV	1798141	2851017	41.39%	7.469%
4	7.492	742	749	761	rBV	1954236	3025799	43.93%	7.927%
5	7.951	821	827	836	rBV	497634	780173	11.33%	2.044%
6	8.275	874	882	889	rBV	1489223	2370777	34.42%	6.211%
7	9.139	1022	1029	1038	rBV	1012375	1658052	24.07%	4.344%
8	10.763	1297	1305	1312	rBV	553178	946543	13.74%	2.480%
9	13.210	1714	1721	1731	rVB	2560576	3862766	56.08%	10.120%
10	14.045	1858	1863	1870	rBV	228603	314234	4.56%	0.823%
11	14.586	1948	1955	1965	rVB2	844482	1296482	18.82%	3.396%
12	16.074	2202	2208	2223	rBV	2351327	3306440	48.01%	8.662%
13	17.333	2415	2422	2427	rBV	1188341	1711606	24.85%	4.484%
14	18.180	2561	2566	2575	rBV2	181422	259148	3.76%	0.679%
15	19.380	2765	2770	2774	rVB	70925	100548	1.46%	0.263%
16	19.451	2778	2782	2787	rBV3	84495	116794	1.70%	0.306%
17	19.933	2858	2864	2870	rBV	5751547	6887516	100.00%	18.044%
18	21.492	3124	3129	3133	rBV	2068617	2682640	38.95%	7.028%
19	23.850	3524	3530	3537	rBV2	1479780	2887124	41.92%	7.564%

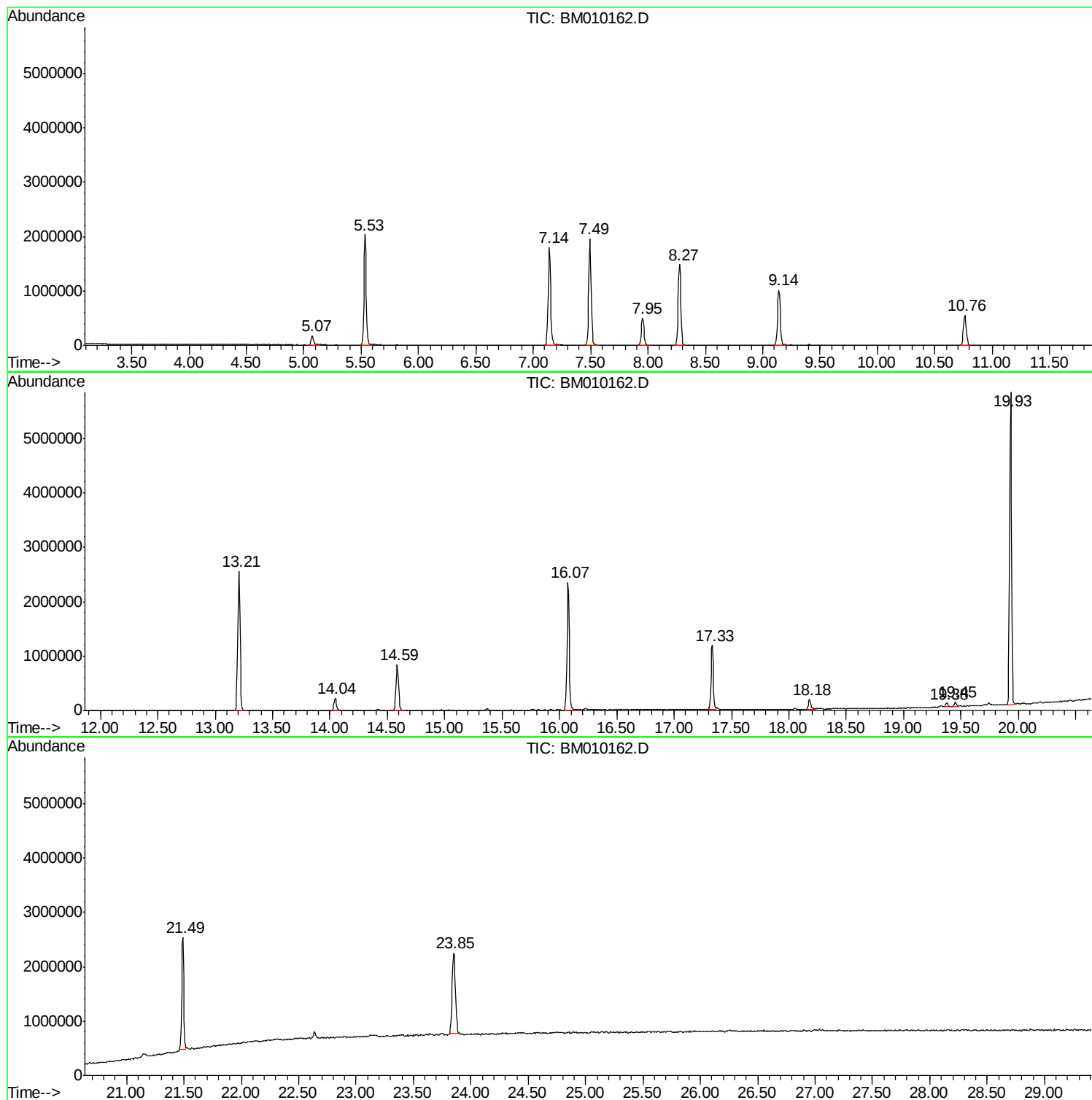
Sum of corrected areas: 38171269

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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM051917.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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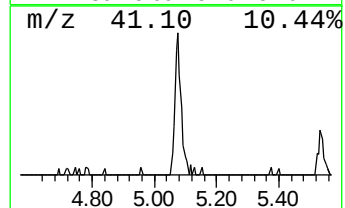
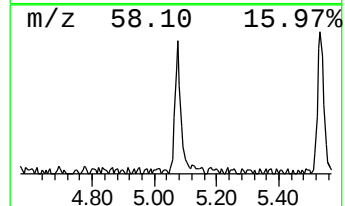
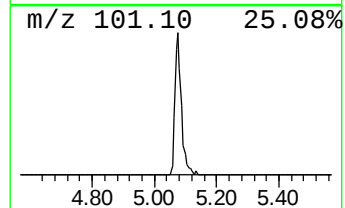
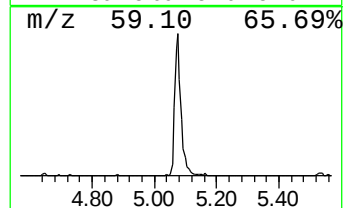
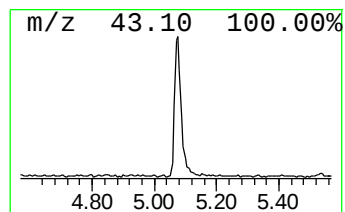
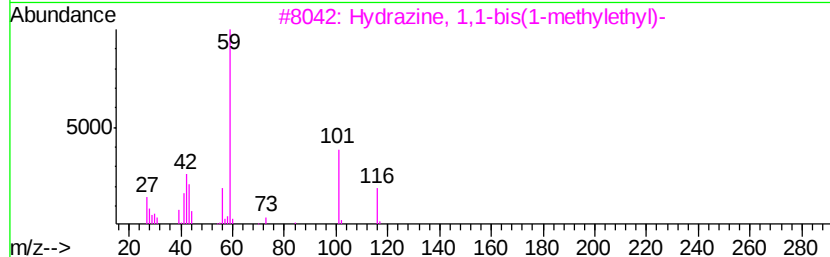
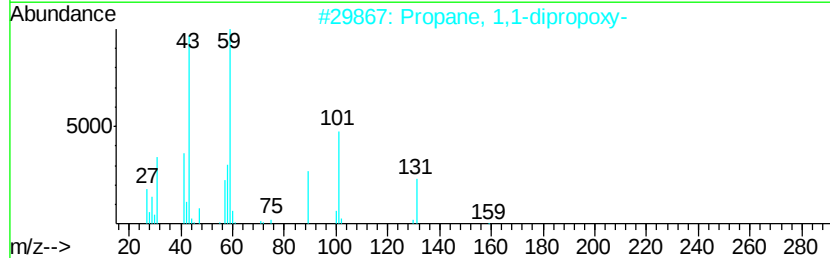
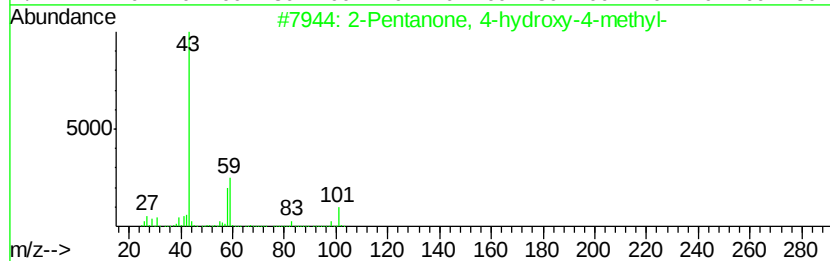
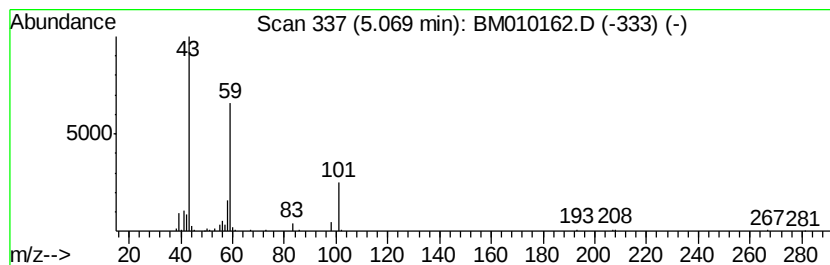
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TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.07	6.58 ng	256528	1,4-Dichlorobenzene-d4	7.95

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2			Propane, 1,1-dipropoxy-	160	C9H20O2	004744-11-0	39
3			Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	38
4			(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	38
5			Dimethadione	129	C5H7NO3	000695-53-4	28



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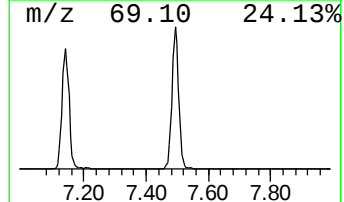
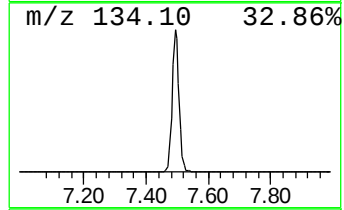
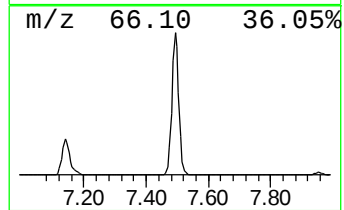
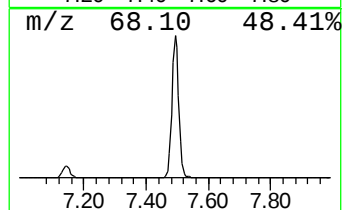
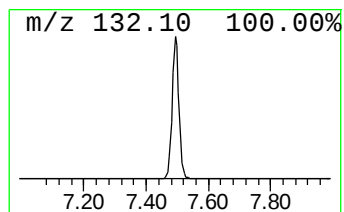
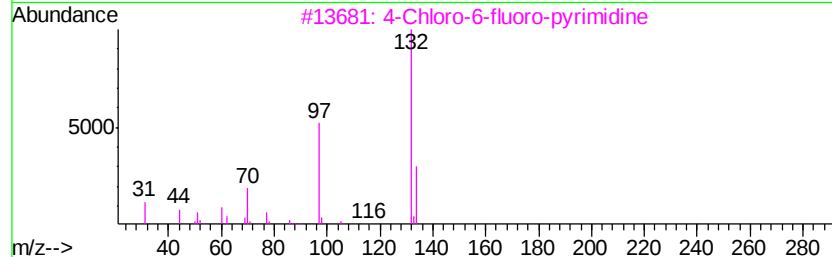
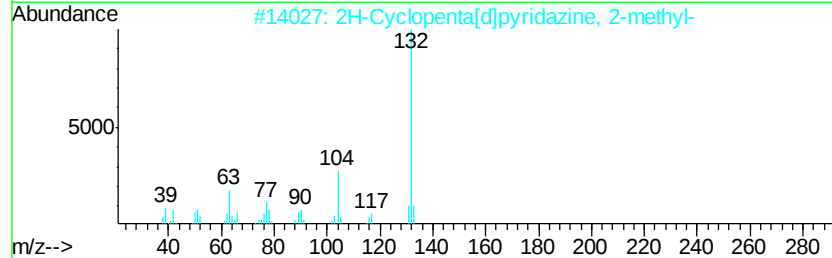
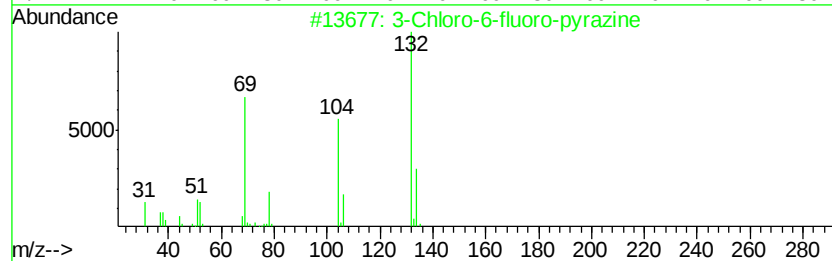
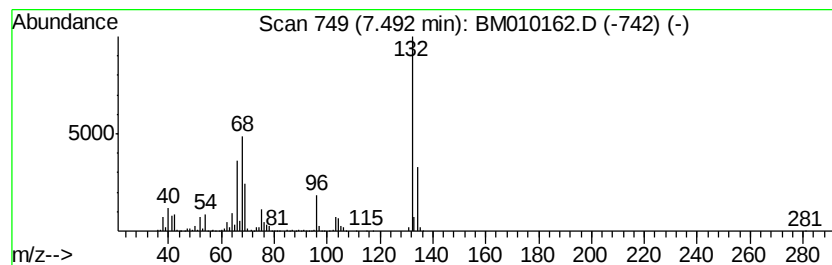
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Peak Number 2 unknown7.49 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.49	77.57 ng	3025800	1,4-Dichlorobenzene-d4	7.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	27
3		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
4		1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	25
5		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22



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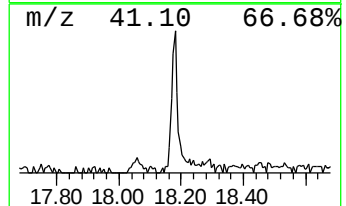
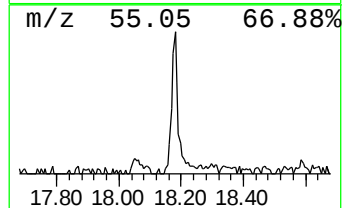
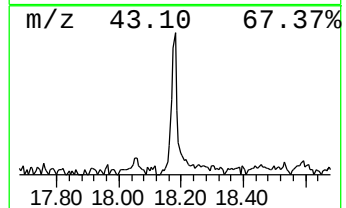
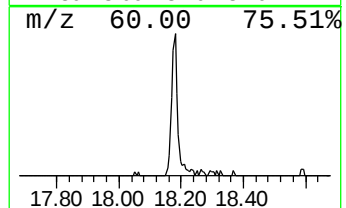
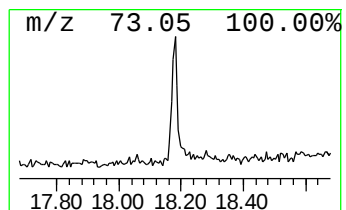
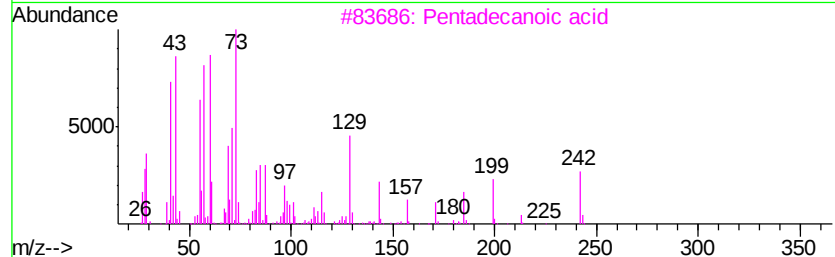
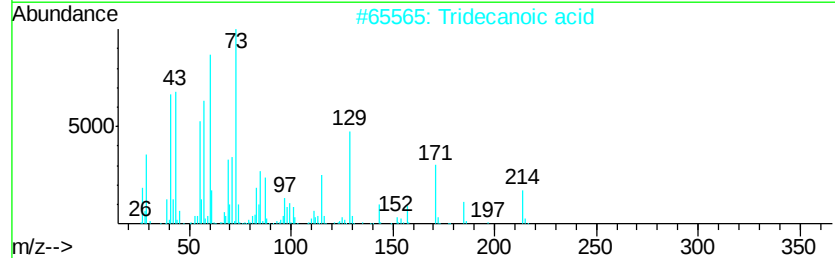
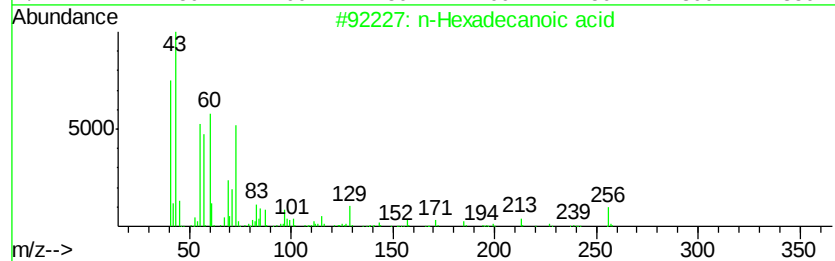
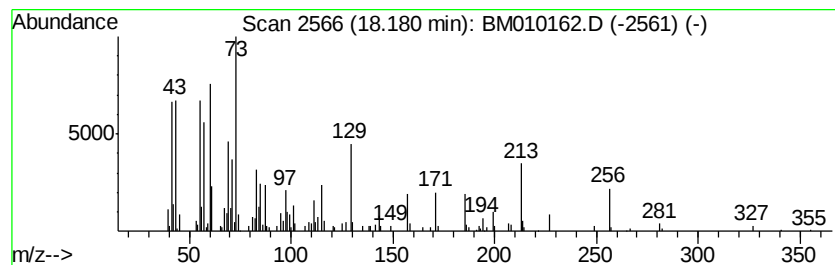
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.18	3.03 ng	259148	Phenanthrene-d10	17.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2		Tridecanoic acid	214	C13H26O2	000638-53-9	94
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	58
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	52
5		Undecanoic acid	186	C11H22O2	000112-37-8	47



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.07	6.6	ng	256528	1	7.95	780173	20.0
unknown7.49	7.49	77.6	ng	3025800	1	7.95	780173	20.0
n-Hexadecanoic acid	18.18	3.0	ng	259148	4	17.33	1711610	20.0