

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052317\
 Data File : BM010164.D
 Acq On : 24 May 2017 04:59
 Operator : SJ/MA
 Sample : I3222-09
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EX-19

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:\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	350	rBV	212446	309688	3.36%	0.662%
2	5.534	410	416	425	rBV	2416560	3471410	37.68%	7.417%
3	7.140	682	689	703	rBV	2212259	3537746	38.40%	7.558%
4	7.492	742	749	761	rBV	2426326	3738997	40.58%	7.988%
5	7.951	821	827	837	rBV	522955	843902	9.16%	1.803%
6	8.275	874	882	891	rVB	1820547	2935188	31.86%	6.271%
7	9.139	1022	1029	1038	rBV	1270763	2068103	22.45%	4.418%
8	10.763	1296	1305	1312	rBV	593224	1012650	10.99%	2.163%
9	13.210	1714	1721	1733	rBV	3536871	5106561	55.43%	10.910%
10	14.045	1857	1863	1871	rBV	356848	478225	5.19%	1.022%
11	14.586	1948	1955	1962	rVB2	933186	1387567	15.06%	2.964%
12	16.074	2202	2208	2217	rBV	3109223	4258437	46.22%	9.098%
13	17.333	2415	2422	2429	rBV	1286085	1838717	19.96%	3.928%
14	18.180	2558	2566	2575	rBV2	242459	378970	4.11%	0.810%
15	19.451	2778	2782	2791	rBV4	90487	143726	1.56%	0.307%
16	19.933	2858	2864	2873	rBV	7330819	9212776	100.00%	19.683%
17	21.150	3068	3071	3079	rVB8	119340	216973	2.36%	0.464%
18	21.492	3124	3129	3134	rBV	2123113	2762291	29.98%	5.902%
19	23.850	3524	3530	3539	rVB2	1577877	3104427	33.70%	6.632%

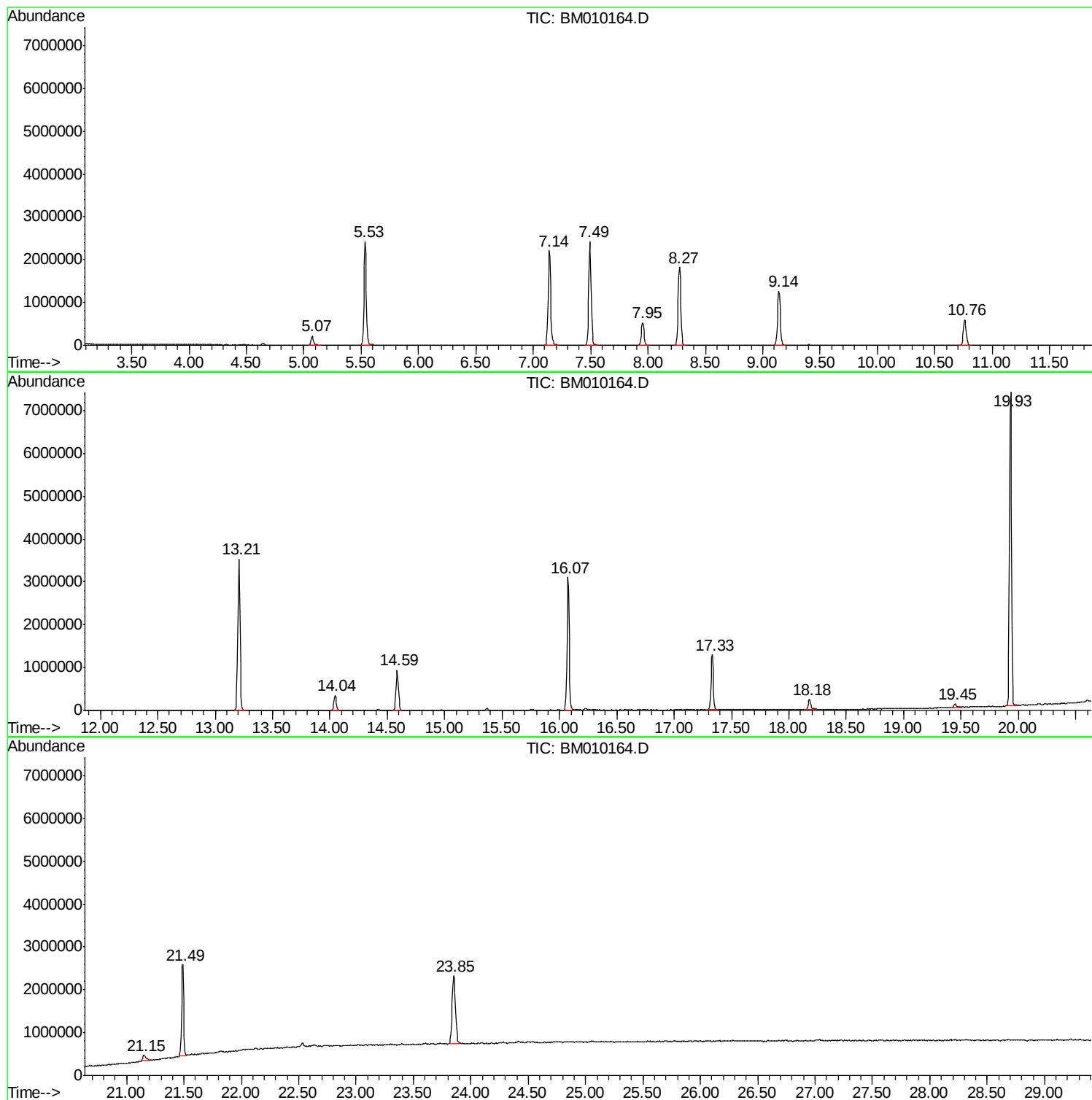
Sum of corrected areas: 46806354

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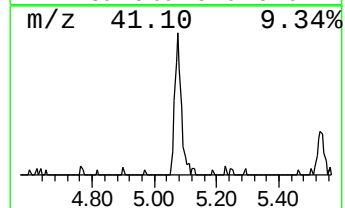
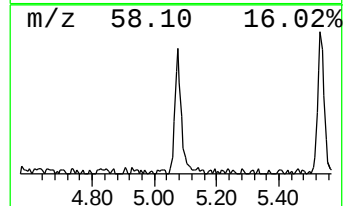
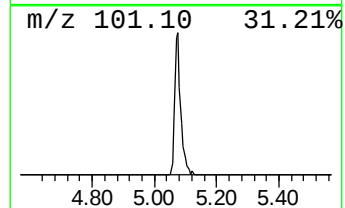
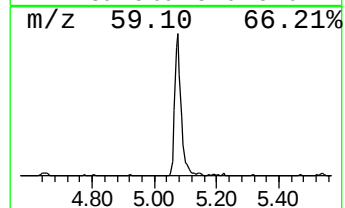
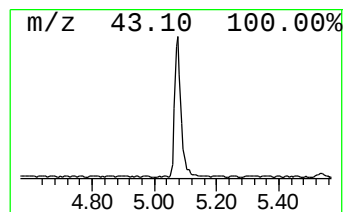
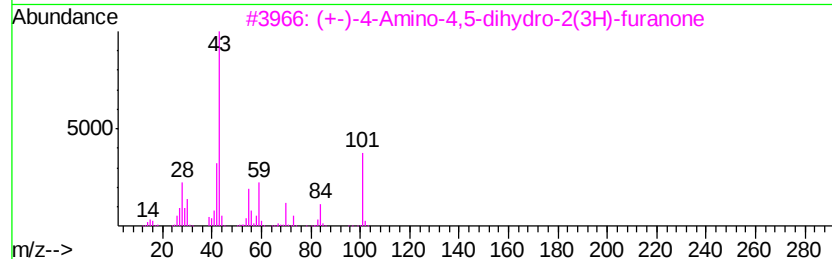
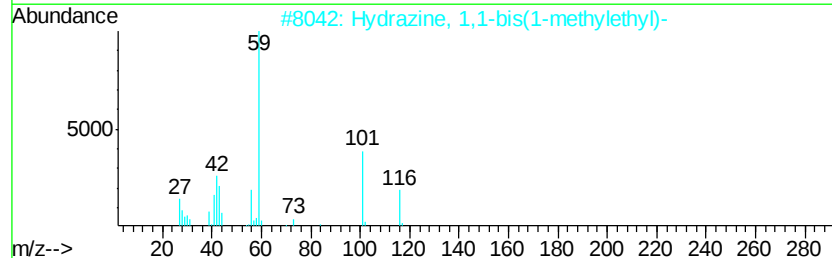
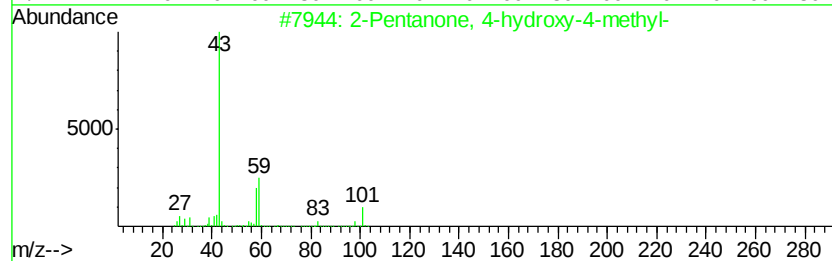
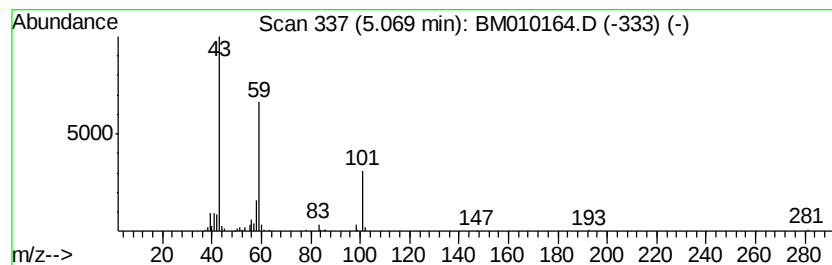
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.07	7.34 ng	309688	1,4-Dichlorobenzene-d4	7.96

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2		000123-42-2	59
2	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2		000921-14-2	50
3	(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2		016504-58-8	43
4	Propane, 1,1-dipropoxy-	160	C9H20O2		004744-11-0	36
5	Dimethadione	129	C5H7NO3		000695-53-4	33



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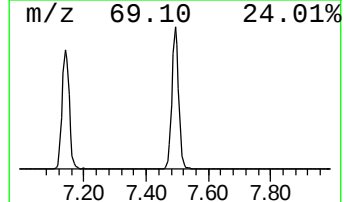
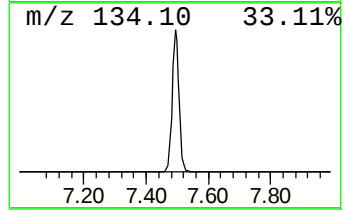
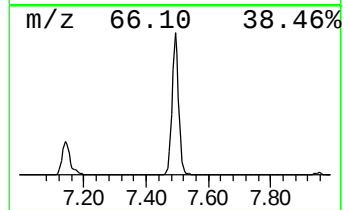
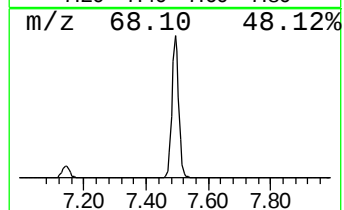
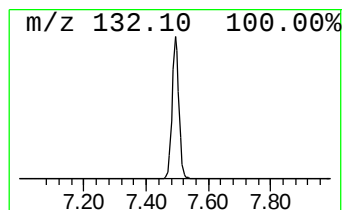
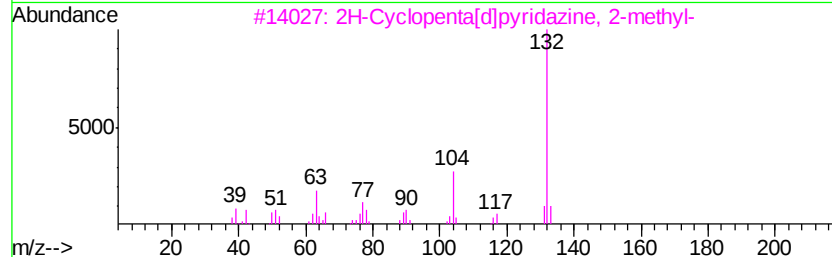
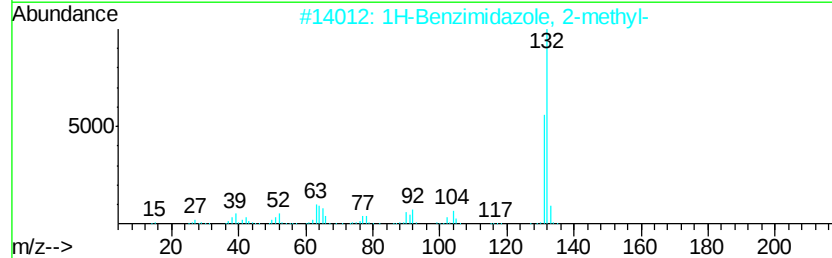
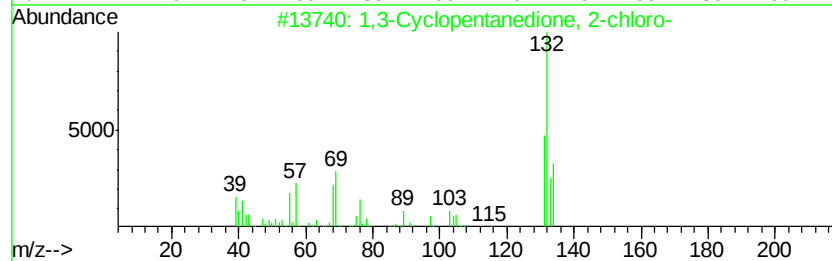
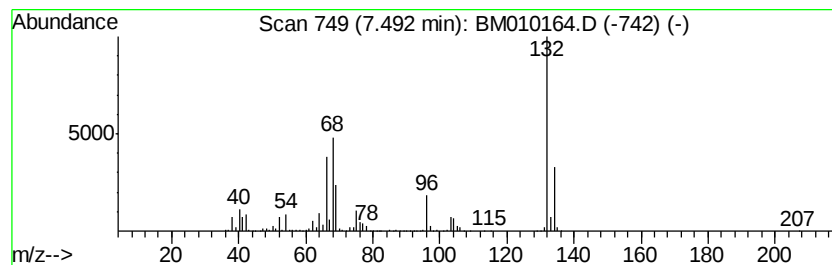
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Peak Number 2 unknown7.49 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.49	88.61 ng	3739000	1,4-Dichlorobenzene-d4	7.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	25
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		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	10
5		Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	10



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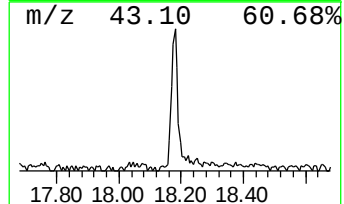
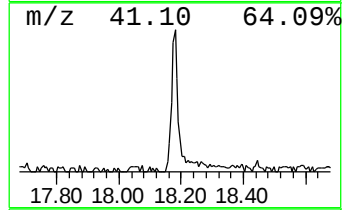
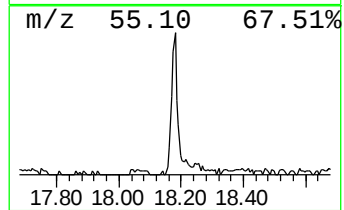
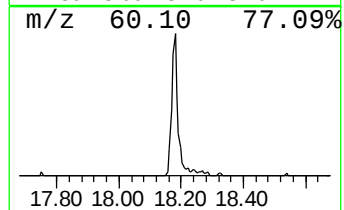
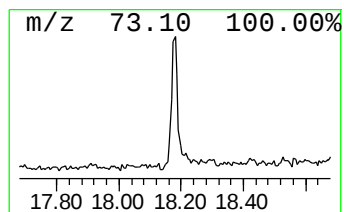
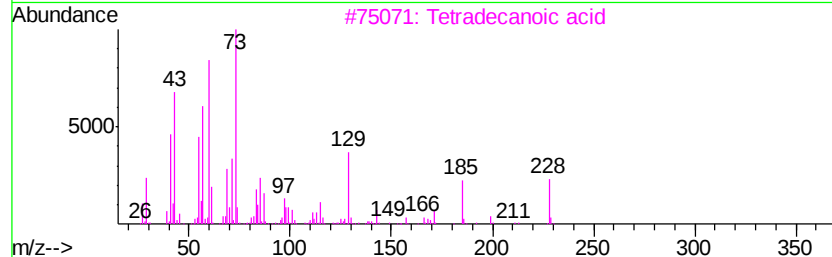
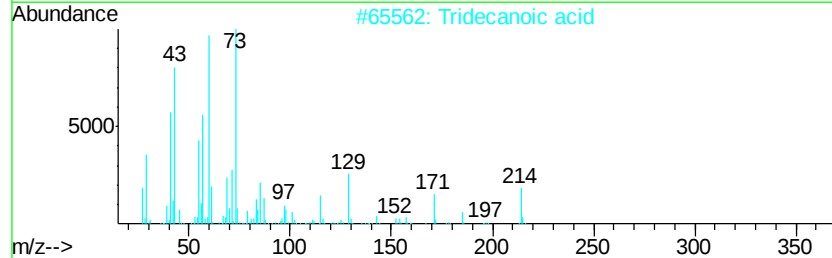
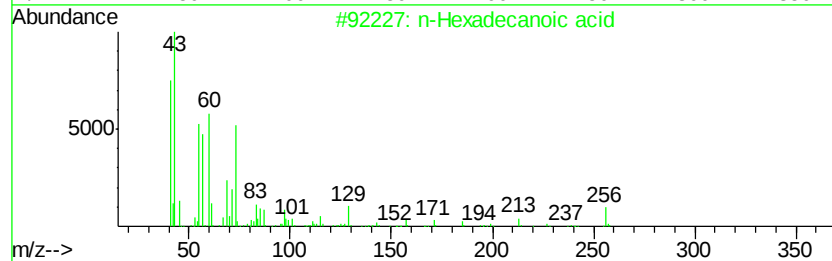
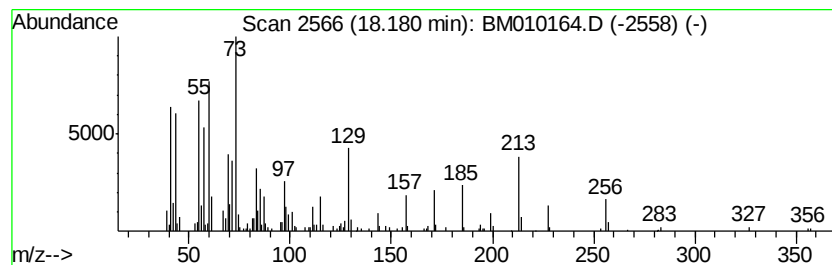
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.18	4.12 ng	378970	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	95
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	58
4		n-Decanoic acid	172	C10H20O2	000334-48-5	50
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	50



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.07	7.3	ng	309688	1	7.96	843902	20.0
unknown7.49	7.49	88.6	ng	3739000	1	7.96	843902	20.0
n-Hexadecanoic acid	18.18	4.1	ng	378970	4	17.33	1838720	20.0