

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052317\
 Data File : BM010145.D
 Acq On : 23 May 2017 17:05
 Operator : SJ/MA
 Sample : I3222-15
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EX-23

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	334	338	350	rBV	245803	356830	3.67%	0.728%
2	5.540	410	417	426	rBV	2737524	3967613	40.80%	8.090%
3	7.145	682	690	704	rBV	2560506	4014990	41.29%	8.186%
4	7.498	743	750	759	rBV	2802383	4264832	43.86%	8.696%
5	7.957	821	828	836	rBV	506438	813539	8.37%	1.659%
6	8.281	874	883	891	rBV	2016798	3342755	34.38%	6.816%
7	9.145	1021	1030	1039	rBV	1425081	2368498	24.36%	4.829%
8	10.763	1298	1305	1313	rBV	565286	963111	9.90%	1.964%
9	13.210	1714	1721	1731	rBV	3908334	5544353	57.02%	11.305%
10	14.051	1858	1864	1873	rVB	276071	383300	3.94%	0.782%
11	14.592	1949	1956	1965	rVB2	830929	1289707	13.26%	2.630%
12	16.080	2201	2209	2219	rBV	3463689	4621184	47.52%	9.422%
13	17.333	2416	2422	2431	rVB	1224418	1671400	17.19%	3.408%
14	18.180	2561	2566	2574	rBV2	150875	214357	2.20%	0.437%
15	19.933	2859	2864	2872	rBV	7948131	9724151	100.00%	19.827%
16	21.492	3124	3129	3134	rBV	2181620	2599504	26.73%	5.300%
17	23.856	3525	3531	3542	rVB	1472441	2905303	29.88%	5.924%

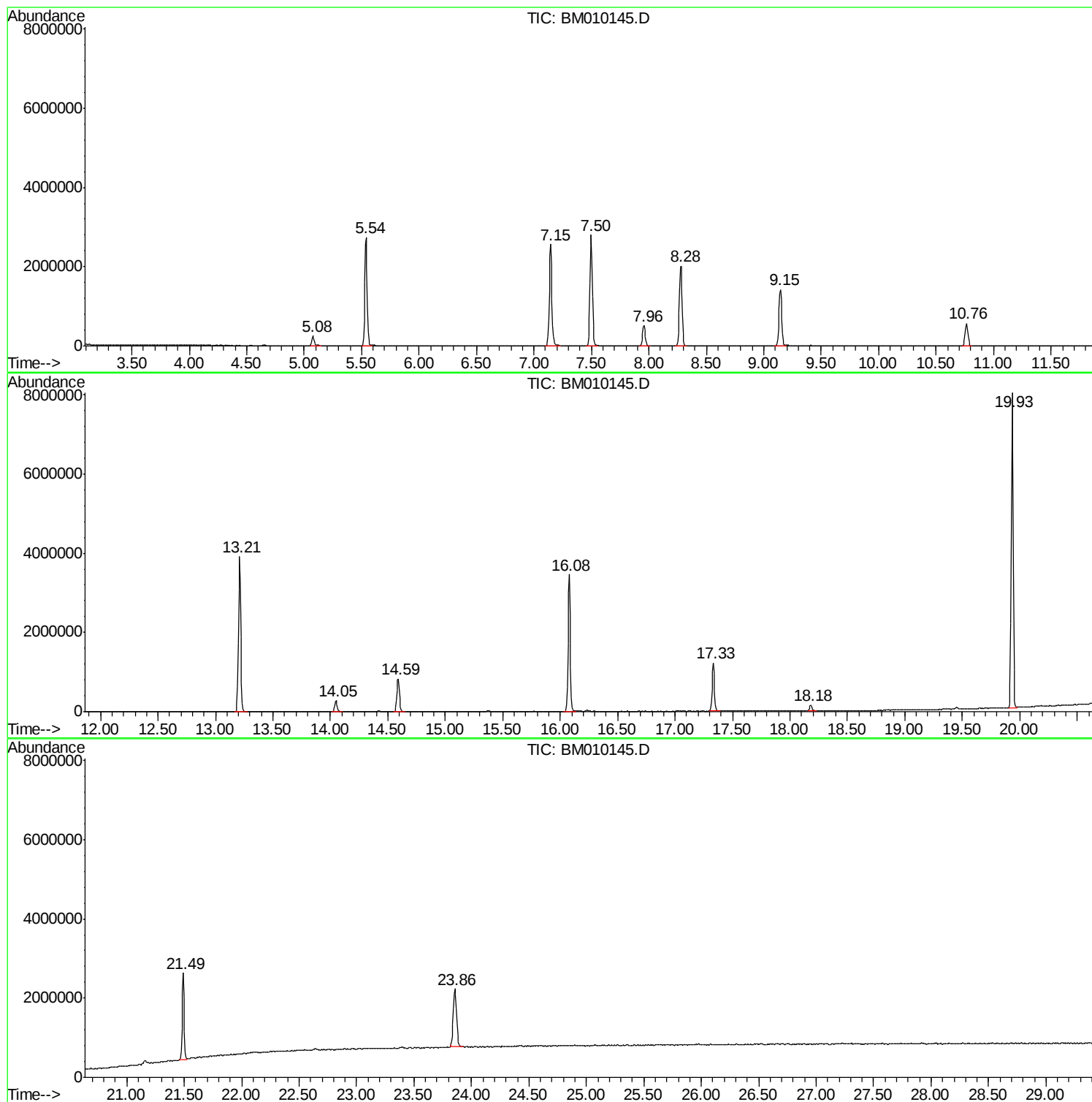
Sum of corrected areas: 49045427

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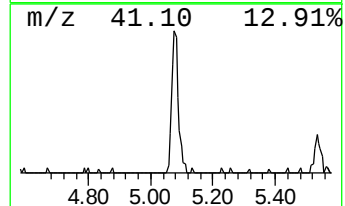
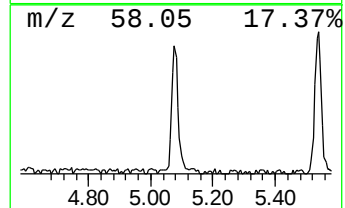
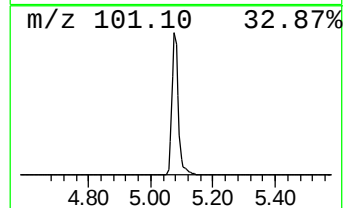
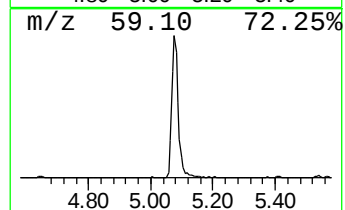
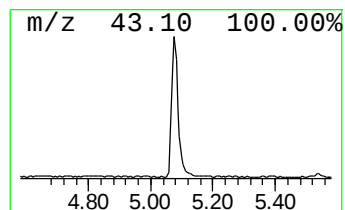
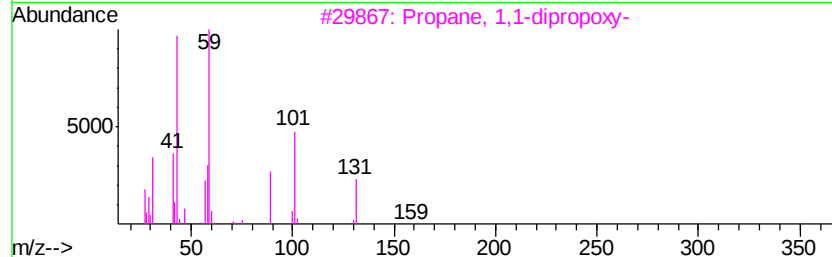
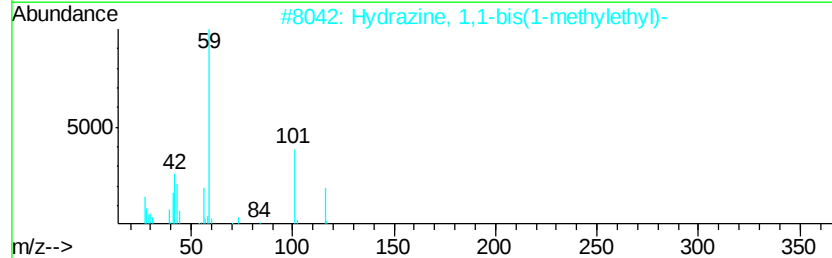
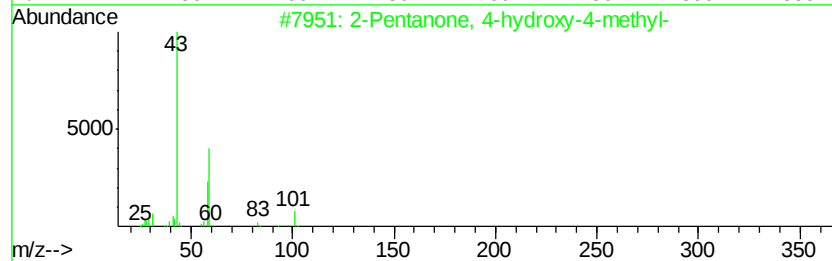
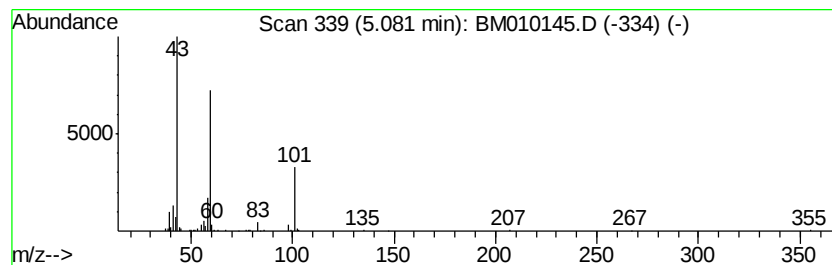
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.08	8.77 ng	356830	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	72
2			Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	47
3			Propane, 1,1-dipropoxy-	160	C9H20O2	004744-11-0	36
4			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
5			Dimethadione	129	C5H7NO3	000695-53-4	33



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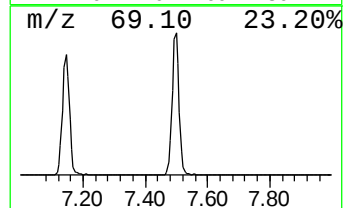
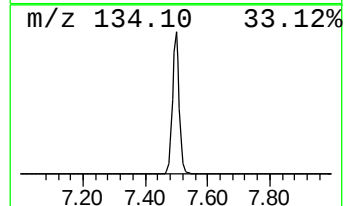
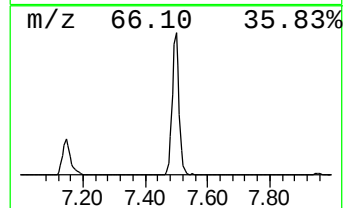
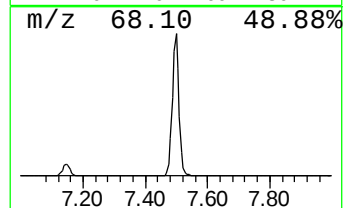
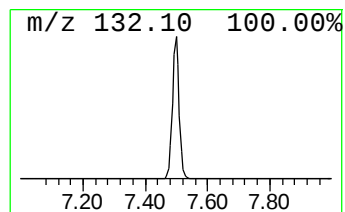
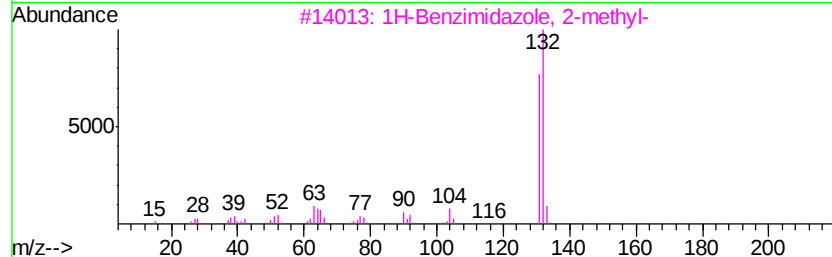
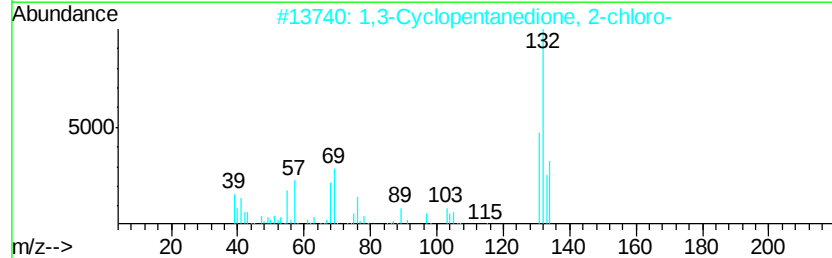
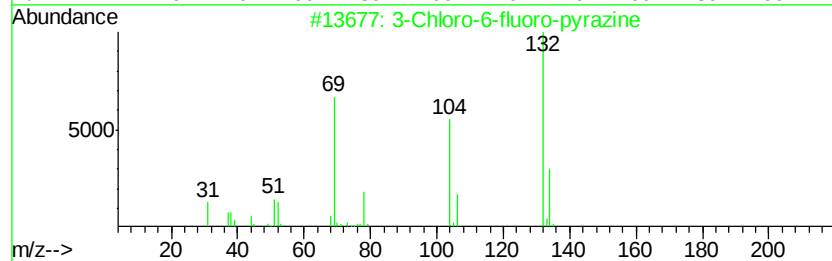
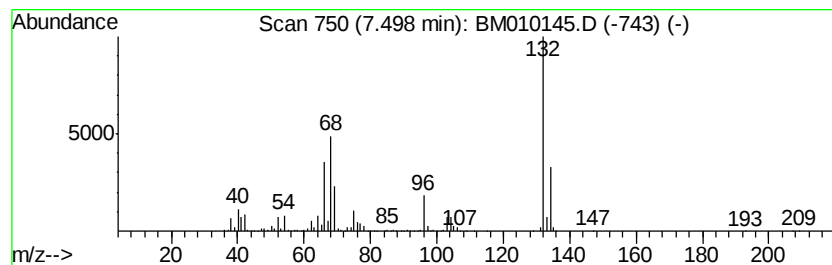
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Peak Number 2 unknown7.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.50	104.85 ng	4264830	1,4-Dichlorobenzene-d4	7.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	25
3		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	12



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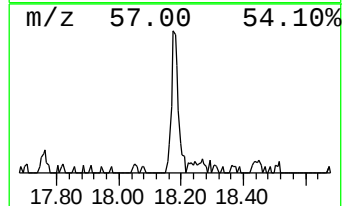
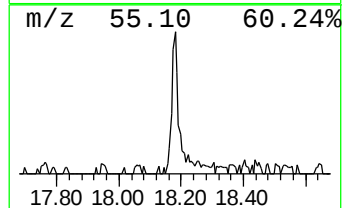
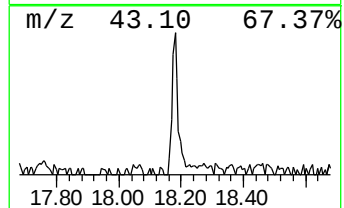
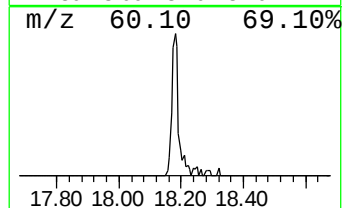
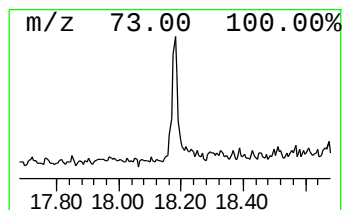
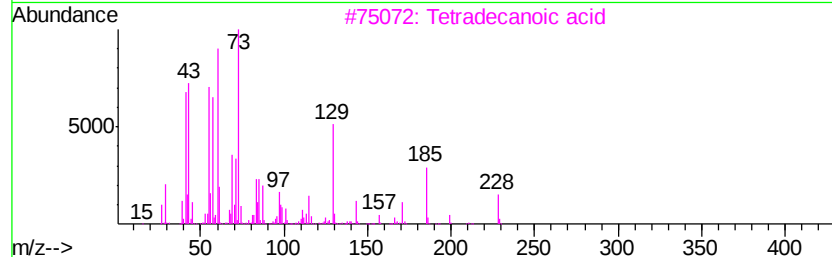
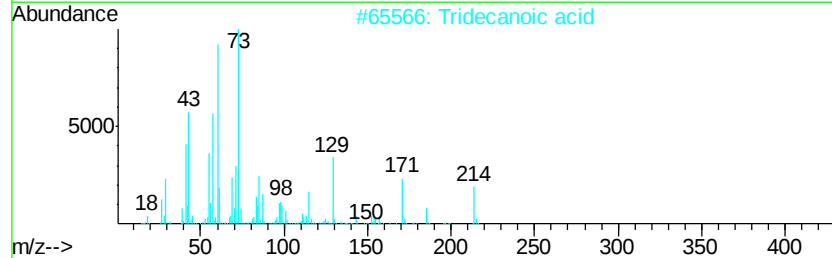
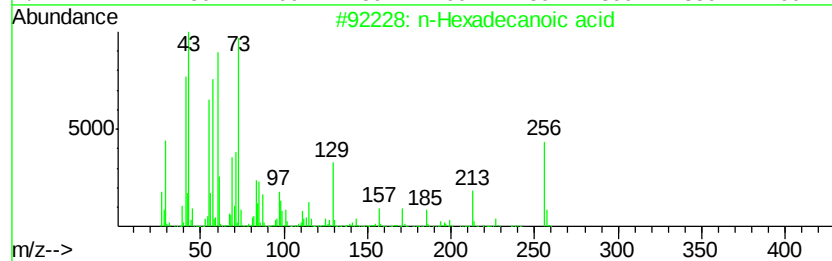
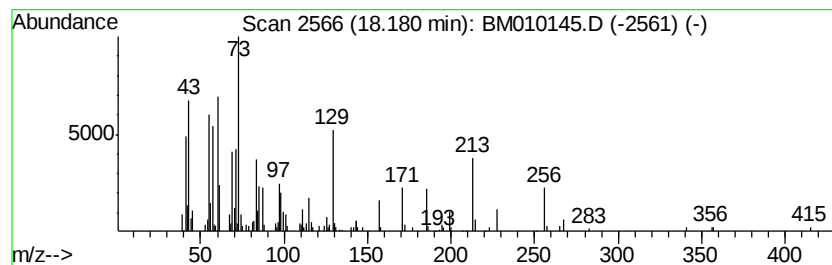
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.18	2.57 ng	214357	Phenanthrene-d10	17.33

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92
2		Tridecanoic acid	214	C13H26O2	000638-53-9	53
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	49
4		n-Decanoic acid	172	C10H20O2	000334-48-5	42
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	38



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.08	8.8	ng	356830	1	7.96	813539	20.0
unknown7.50	7.50	104.8	ng	4264830	1	7.96	813539	20.0
n-Hexadecanoic acid	18.18	2.6	ng	214357	4	17.33	1671400	20.0