

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052217\
 Data File : BM010124.D
 Acq On : 23 May 2017 04:11
 Operator : SJ/MA
 Sample : I3222-11
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EX-21

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	5.081	335	339	346	rBV	243150	341063	3.28%	0.655%
2	5.540	411	417	426	rBV	2740880	3929852	37.83%	7.543%
3	7.151	684	691	706	rBV	2378147	3943550	37.96%	7.570%
4	7.504	743	751	763	rBV	2617038	4182157	40.25%	8.028%
5	7.963	822	829	837	rBV	560640	926994	8.92%	1.779%
6	8.281	875	883	892	rBV	2081210	3382446	32.56%	6.493%
7	9.145	1022	1030	1040	rBV	1400238	2330887	22.44%	4.474%
8	10.769	1299	1306	1313	rBV	687668	1116012	10.74%	2.142%
9	13.216	1715	1722	1731	rBV	4130649	5866676	56.47%	11.261%
10	14.051	1859	1864	1871	rBV	405874	553864	5.33%	1.063%
11	14.592	1949	1956	1964	rVB2	1009778	1529574	14.72%	2.936%
12	16.080	2203	2209	2220	rBV	3306270	4630360	44.57%	8.888%
13	17.339	2416	2423	2434	rBV2	1394528	2017615	19.42%	3.873%
14	18.186	2561	2567	2577	rBV	238239	402308	3.87%	0.772%
15	19.451	2778	2782	2789	rBV3	110580	175613	1.69%	0.337%
16	19.939	2859	2865	2874	rBV	8808272	10389401	100.00%	19.942%
17	21.492	3125	3129	3134	rBV	2347219	2990209	28.78%	5.740%
18	23.862	3526	3532	3543	rVB	1718997	3388958	32.62%	6.505%

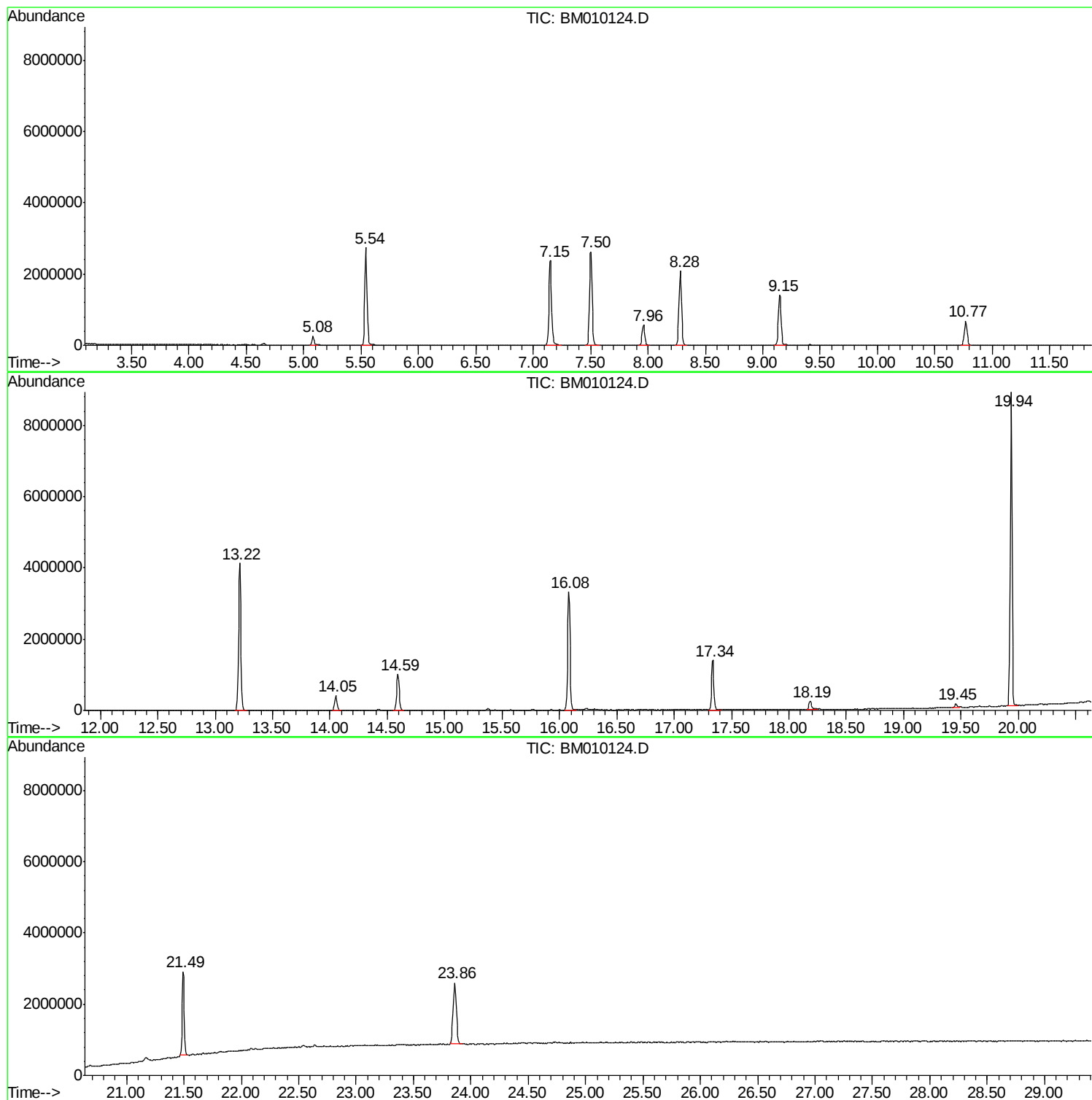
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ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051917.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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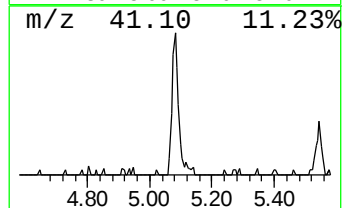
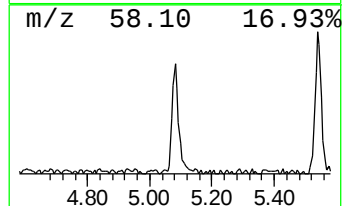
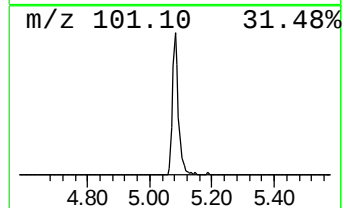
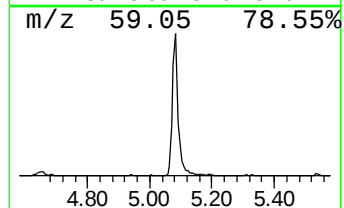
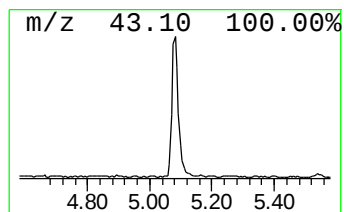
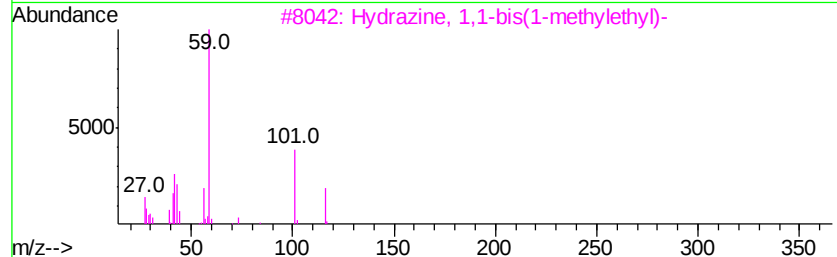
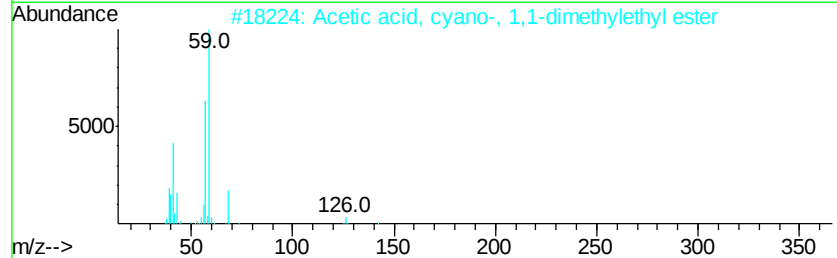
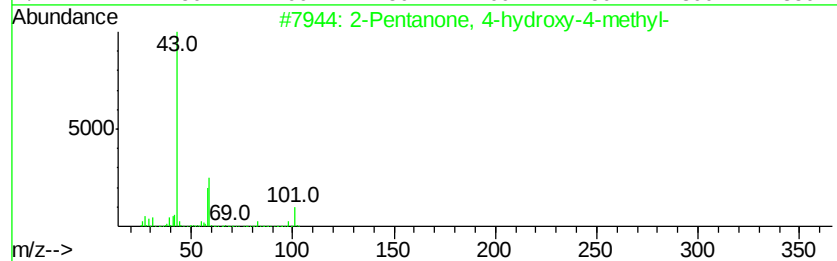
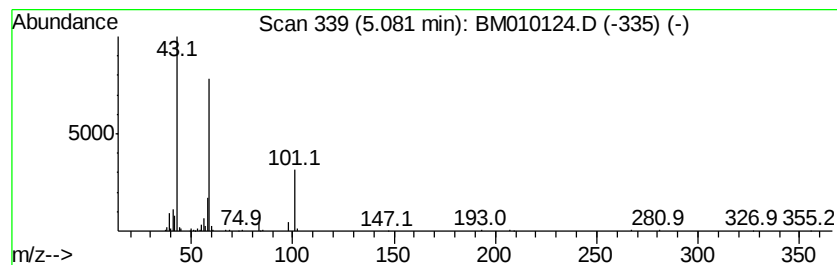
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.08	7.36 ng	341063	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	50
2			Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	43
3			Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	36
4			Dimethadione	129	C5H7NO3	000695-53-4	36
5			Acetic acid, 10,11-dihydroxy-3,7...	298	C17H30O4	1000194-28-5	33



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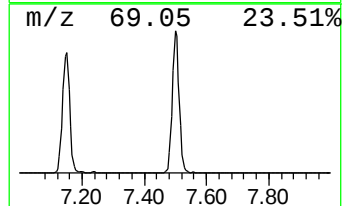
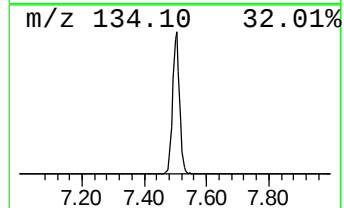
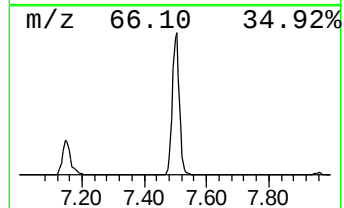
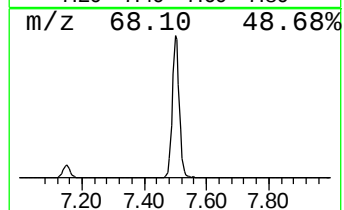
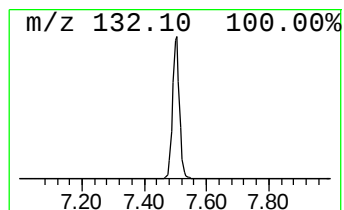
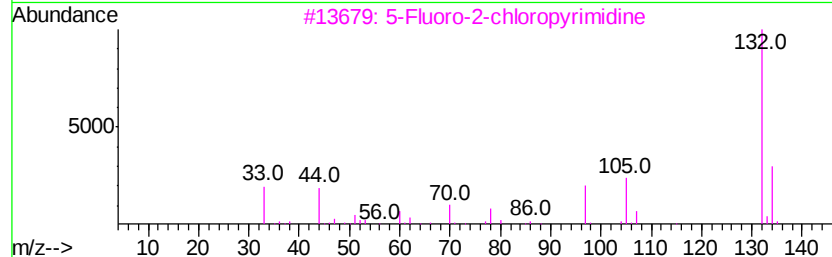
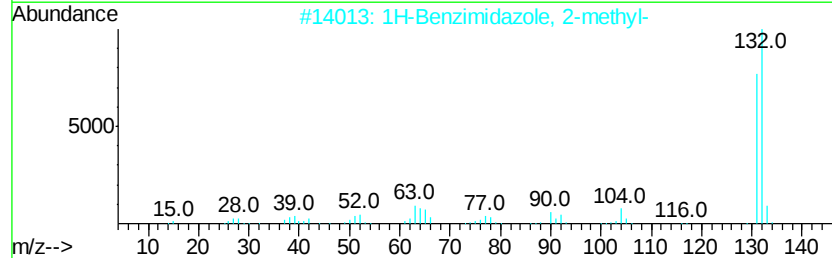
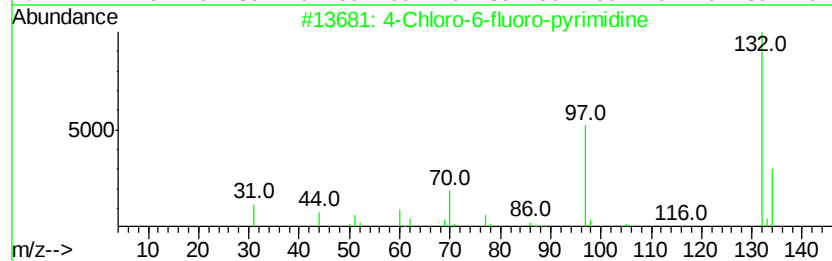
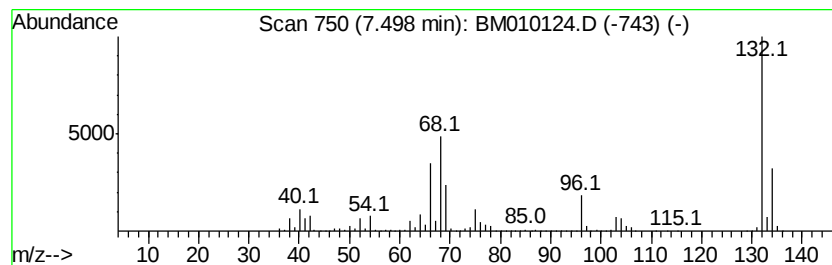
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Peak Number 2 unknown7.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.50	90.23 ng	4182160	1,4-Dichlorobenzene-d4	7.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
4		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
5		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	10



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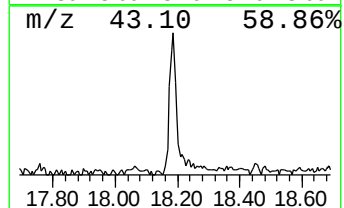
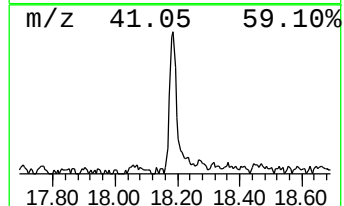
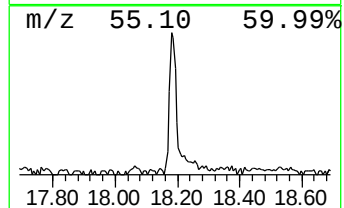
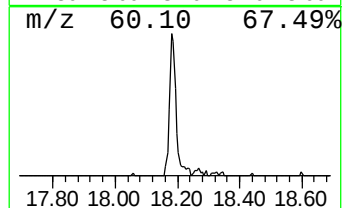
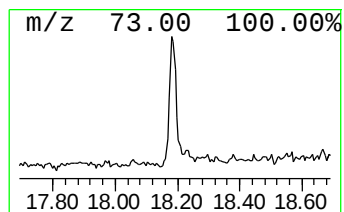
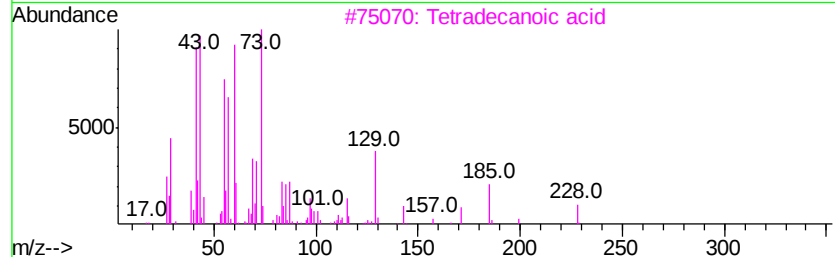
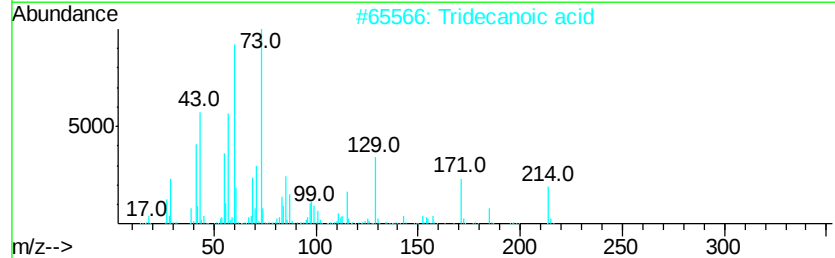
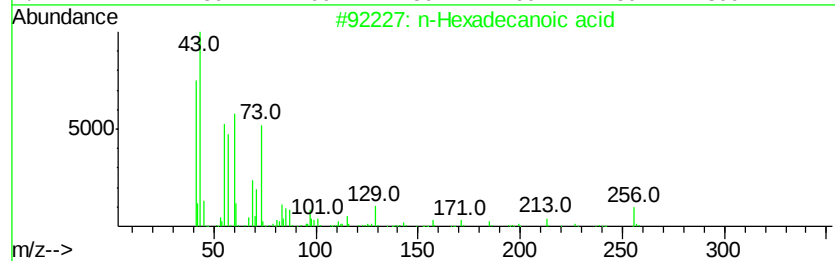
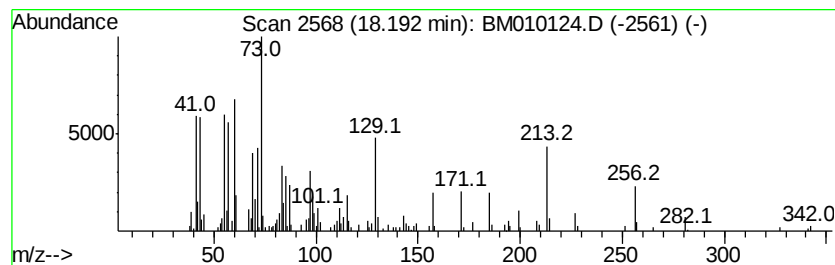
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.19	3.99 ng	402308	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	64
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	50
5		Dodecanoic acid	200	C12H24O2	000143-07-7	47



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TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.08	7.4	ng	341063	1	7.96	926994	20.0
unknown7.50	7.50	90.2	ng	4182160	1	7.96	926994	20.0
n-Hexadecanoic acid	18.19	4.0	ng	402308	4	17.33	2017620	20.0