

Data Path : Z:\HPCHEM1\BNA M\DATA\BM071717\
 Data File : BM010873.D
 Acq On : 18 Jul 2017 14:20
 Operator : SJ/JU
 Sample : I4217-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CLEANSAND-2

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-BM071217.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	4.640	293	298	306	rBV	392446	529269	3.28%	0.536%
2	5.081	367	373	386	rBV	6410869	8700681	53.86%	8.808%
3	6.640	630	638	647	rBV	6025380	9398521	58.18%	9.515%
4	6.987	689	697	707	rBV	6304128	9490833	58.75%	9.608%
5	7.439	768	774	782	rVB	1007110	1542871	9.55%	1.562%
6	7.757	820	828	836	rBV	4629467	7175378	44.42%	7.264%
7	8.592	962	970	981	rBV	3782966	6114611	37.85%	6.190%
8	10.198	1234	1243	1250	rBV	1213131	1986589	12.30%	2.011%
9	12.704	1661	1669	1677	rBV	9338181	13389465	82.89%	13.555%
10	13.563	1808	1815	1822	rBV	447336	624248	3.86%	0.632%
11	14.092	1898	1905	1913	rBV2	1769189	2586765	16.01%	2.619%
12	15.592	2153	2160	2172	rBV	8126533	11287494	69.87%	11.427%
13	16.845	2367	2373	2380	rBV	2142585	2983395	18.47%	3.020%
14	17.768	2525	2530	2539	rBV3	489044	696821	4.31%	0.705%
15	19.068	2745	2751	2759	rBV3	210107	309344	1.91%	0.313%
16	19.509	2819	2826	2831	rBV	12928648	16153963	100.00%	16.353%
17	21.062	3085	3090	3095	rBV	2409951	2903190	17.97%	2.939%
18	23.191	3445	3452	3460	rBV	1536031	2906850	17.99%	2.943%

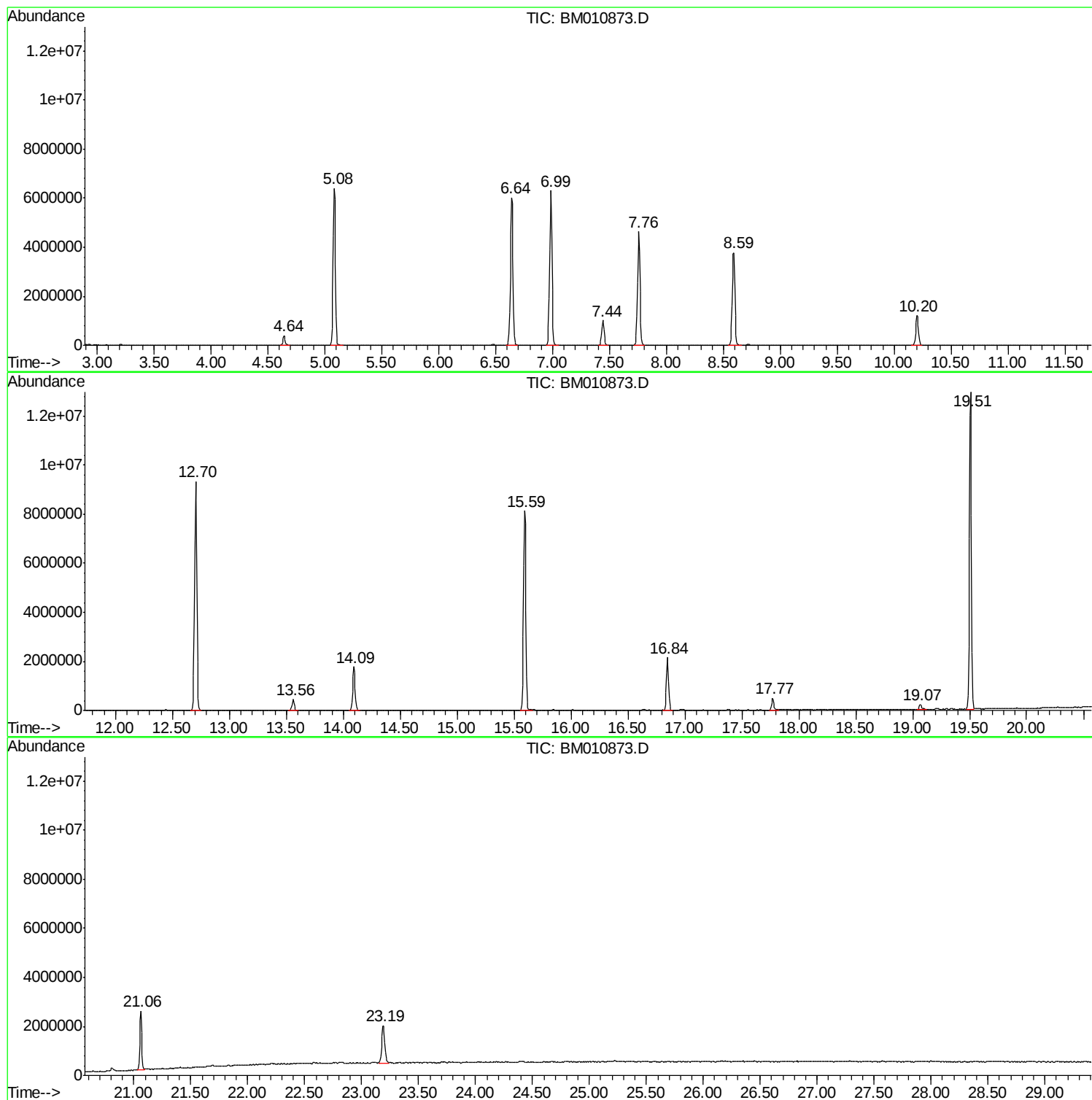
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM071217.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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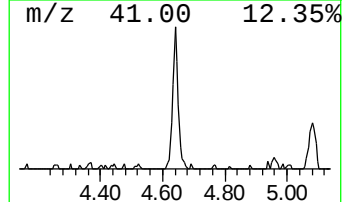
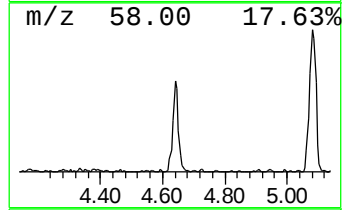
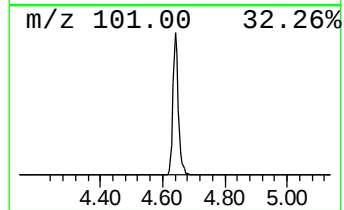
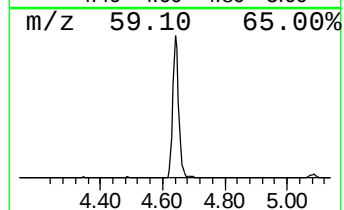
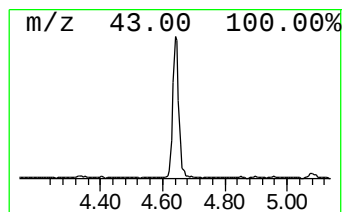
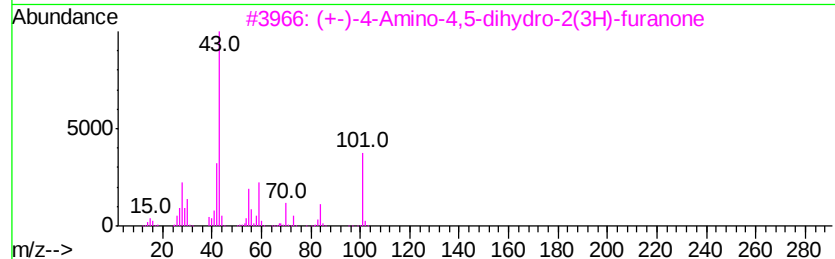
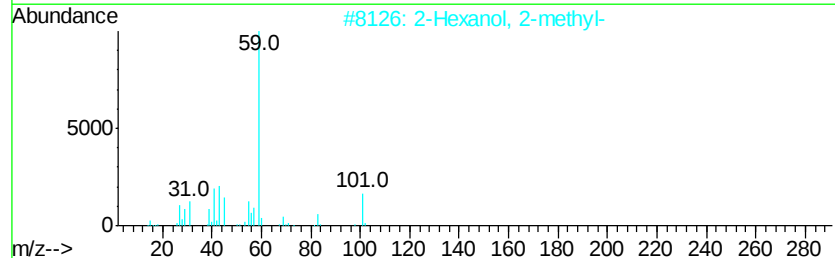
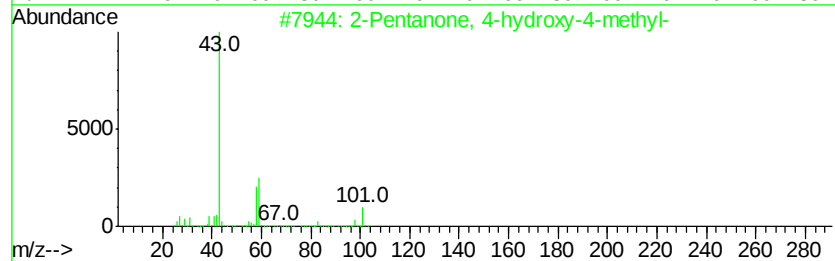
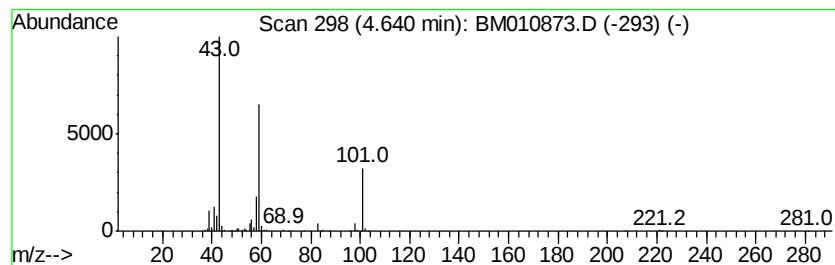
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.64	6.86 ng	529269	1,4-Dichlorobenzene-d4	7.44

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	40
3			(+)-4-Amino-4,5-dihydro-2(3H)-furanone	101	C4H7NO2	016504-58-8	25
4			Acetic acid, cyano-, 1,1-dimethyl-	141	C7H11NO2	001116-98-9	12
5			Butanamide, 3,3-dimethyl-	115	C6H13NO	000926-04-5	12



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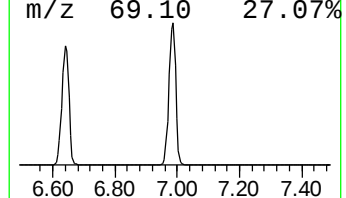
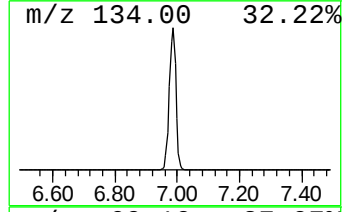
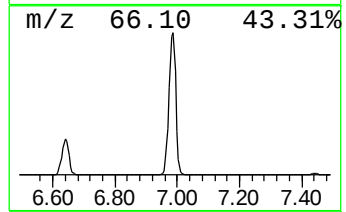
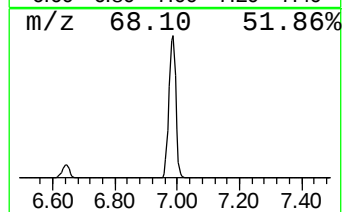
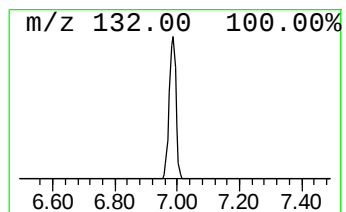
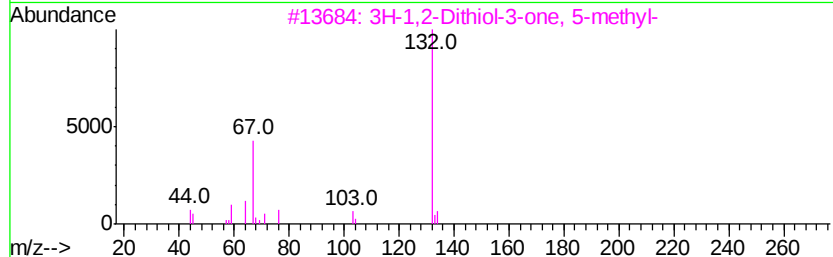
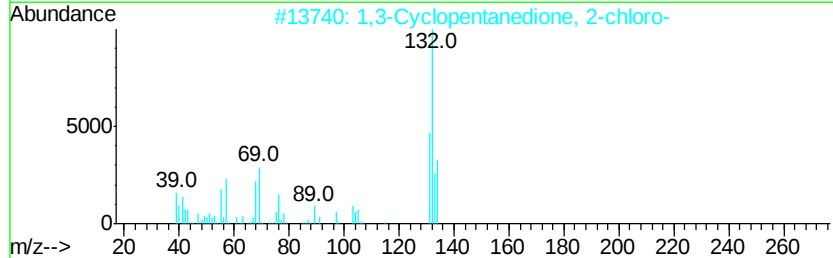
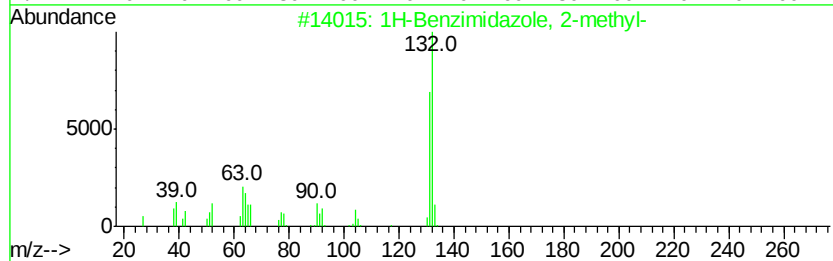
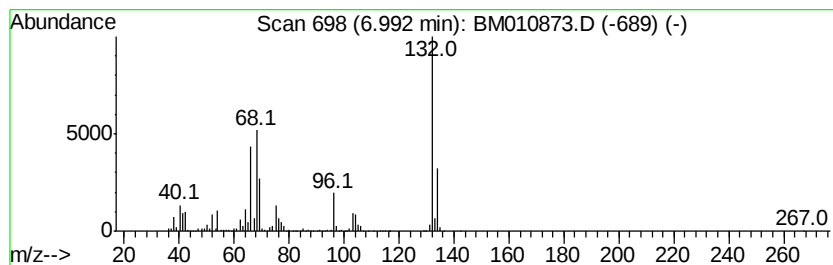
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Peak Number 2 unknown6.99 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.99	123.03 ng	9490830	1,4-Dichlorobenzene-d4	7.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	18
2		1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	16
3		3H-1,2-Dithiol-3-one, 5-methyl-	132	C4H4OS2	003620-08-4	14
4		(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
5		Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9



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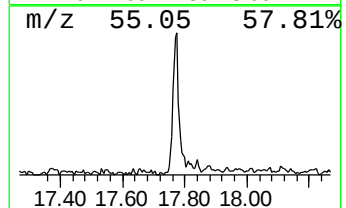
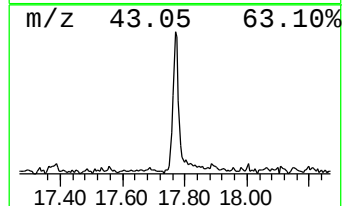
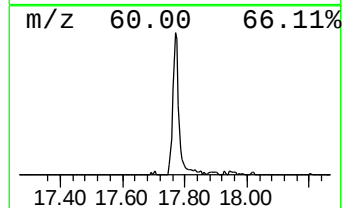
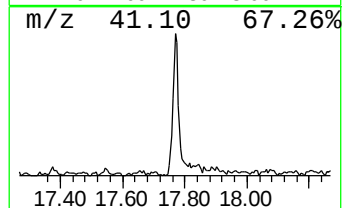
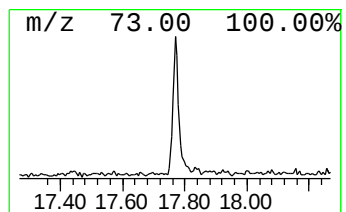
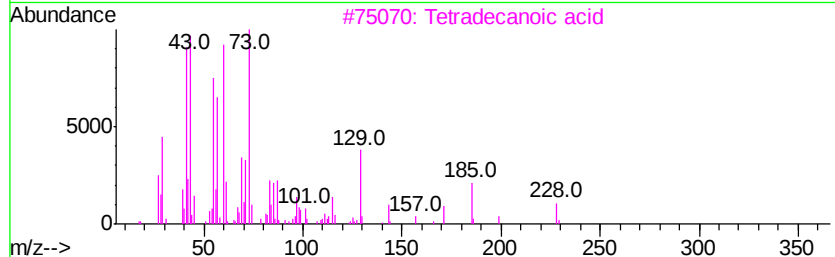
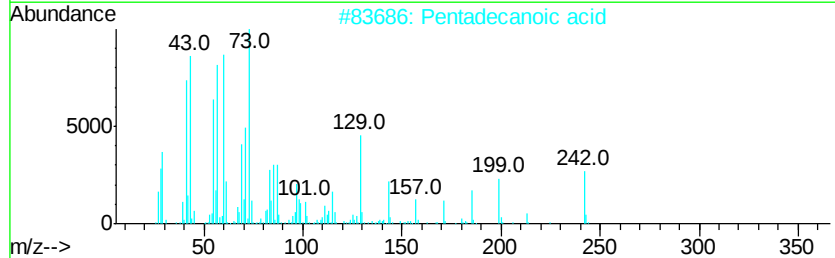
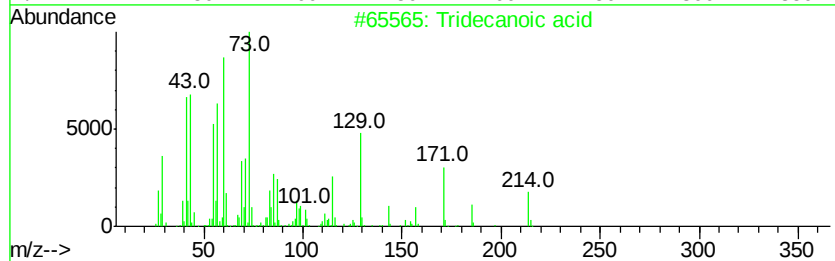
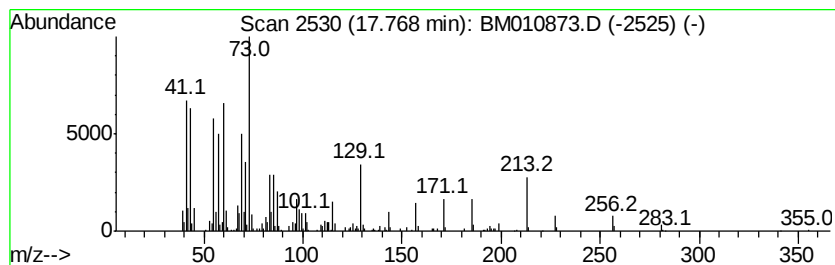
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Peak Number 4 Tridecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.77	4.67 ng	696821	Phenanthrene-d10	16.84

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecanoic acid	214	C13H26O2	000638-53-9	91
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	80
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	50
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	49
5		Undecanoic acid	186	C11H22O2	000112-37-8	43



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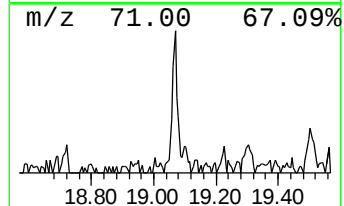
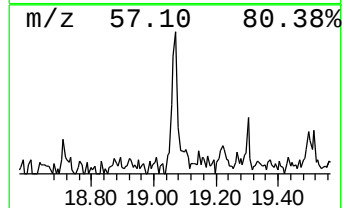
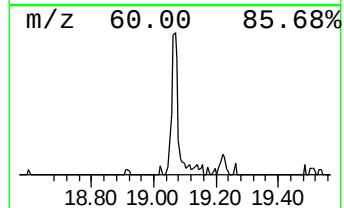
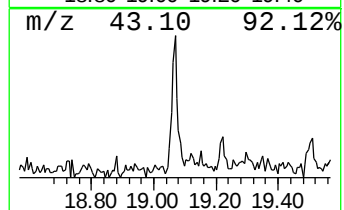
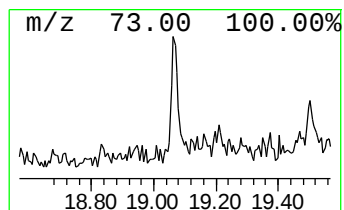
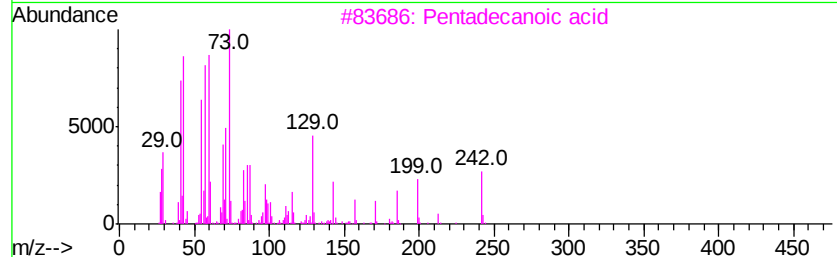
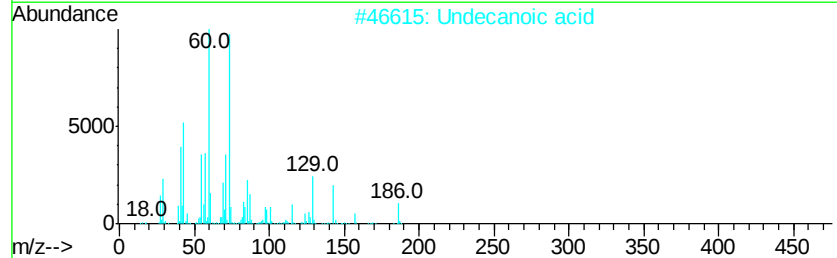
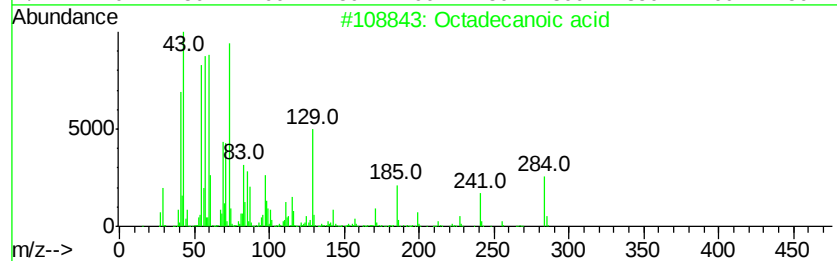
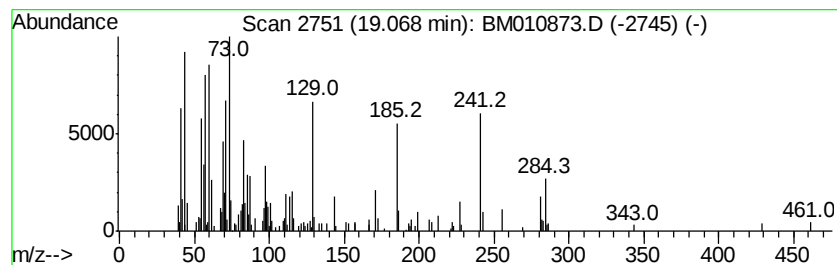
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Peak Number 5 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.07	2.13 ng	309344	Chrysene-d12	21.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	91
2		Undecanoic acid	186	C11H22O2	000112-37-8	46
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	43
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	43
5		Ethanone, 1-(4,5-dihydro-2-thiaz...	129	C5H7NOS	029926-41-8	35



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.64	6.9	ng	529269	1	7.44	1542870	20.0
unknown6.99	6.99	123.0	ng	9490830	1	7.44	1542870	20.0
Tridecanoic acid	17.77	4.7	ng	696821	4	16.84	2983400	20.0
Octadecanoic acid	19.07	2.1	ng	309344	5	21.06	2903190	20.0