

Data Path : Z:\HPCHEM1\BNA M\DATA\BM071717\
 Data File : BM010850.D
 Acq On : 18 Jul 2017 00:33
 Operator : SJ/JU
 Sample : I4203-10
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 NB-SB01B

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	292	298	309	rVB	588760	793060	5.09%	0.976%
2	5.081	366	373	382	rBV	4345277	5792681	37.20%	7.132%
3	6.634	629	637	647	rBV	4103765	6547605	42.04%	8.061%
4	6.981	689	696	706	rBV	4254039	6352800	40.79%	7.821%
5	7.440	768	774	783	rVB	943032	1466179	9.41%	1.805%
6	7.757	821	828	836	rBV	3203764	4951221	31.79%	6.096%
7	8.587	962	969	978	rBV	2636404	4212219	27.05%	5.186%
8	10.204	1236	1244	1251	rBV	1146687	1888348	12.13%	2.325%
9	12.704	1662	1669	1678	rBV	6663069	9578271	61.51%	11.792%
10	13.563	1809	1815	1824	rVB	535299	750115	4.82%	0.923%
11	14.092	1899	1905	1915	rVB2	1740308	2603358	16.72%	3.205%
12	15.592	2154	2160	2173	rBV	6317304	8514229	54.67%	10.482%
13	16.845	2367	2373	2383	rVB	2352357	3329206	21.38%	4.099%
14	17.768	2526	2530	2539	rBV	406526	546622	3.51%	0.673%
15	18.945	2727	2730	2737	rVB3	232995	286914	1.84%	0.353%
16	19.068	2746	2751	2762	rBV2	374863	497739	3.20%	0.613%
17	19.510	2820	2826	2832	rBV	12842221	15572871	100.00%	19.172%
18	20.804	3043	3046	3051	rBV4	225840	279225	1.79%	0.344%
19	21.062	3085	3090	3097	rBV	3352537	3956012	25.40%	4.870%
20	23.192	3446	3452	3461	rVB2	1865981	3307934	21.24%	4.072%

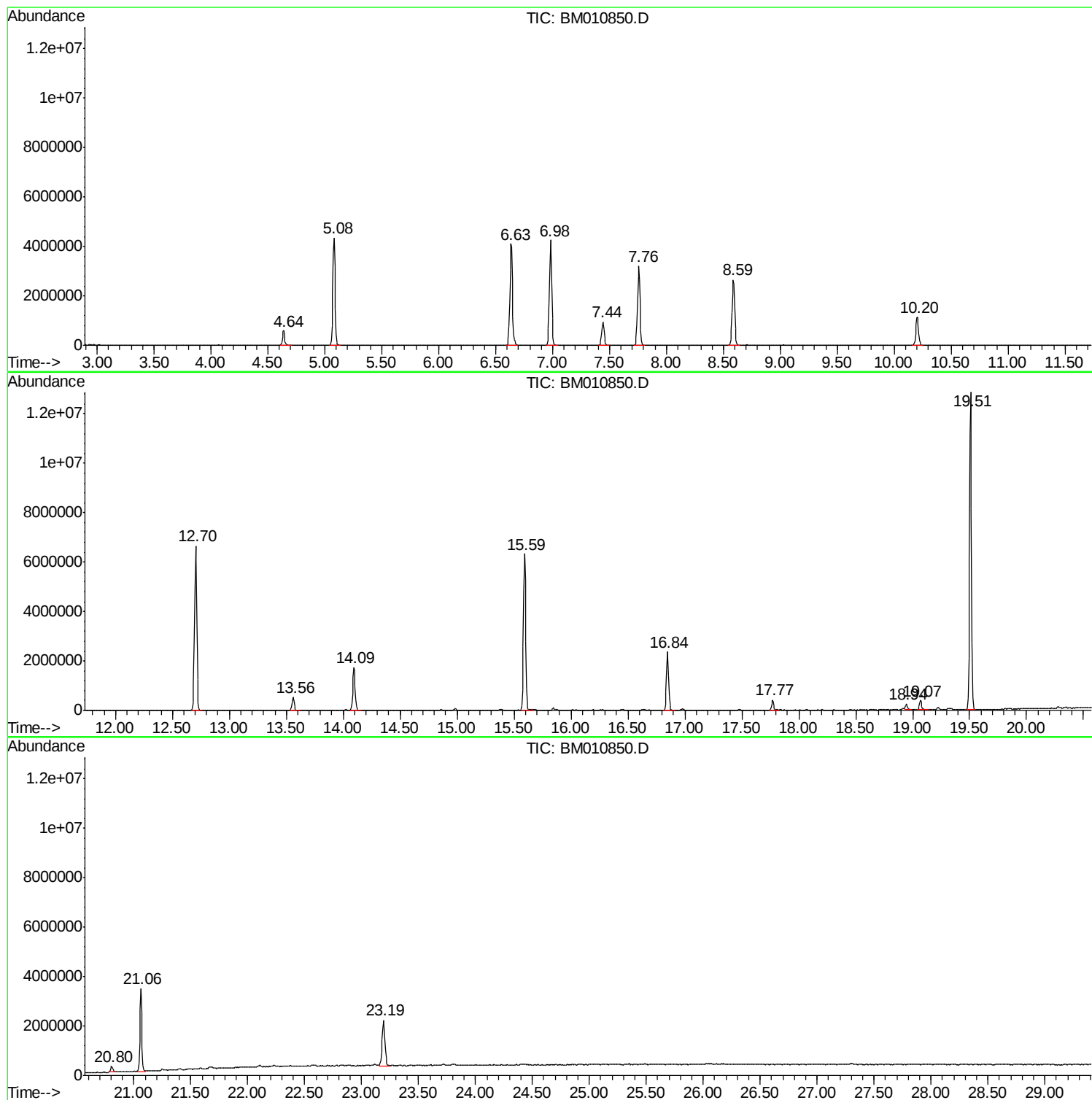
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM071217.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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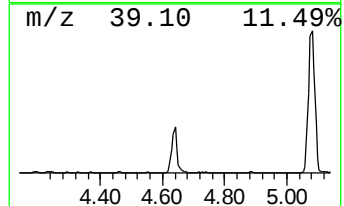
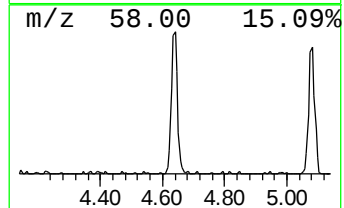
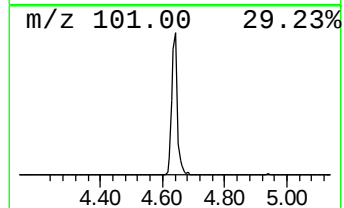
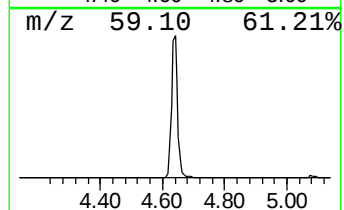
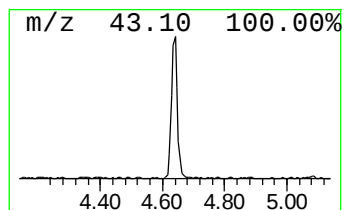
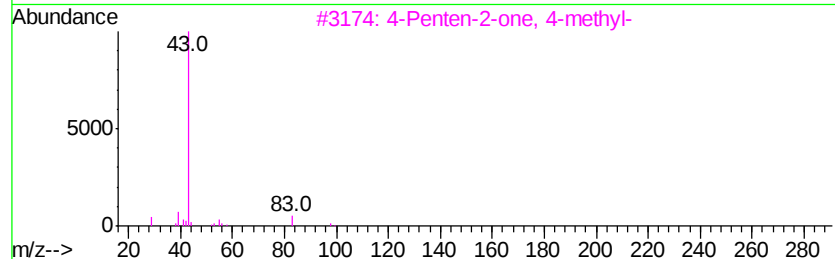
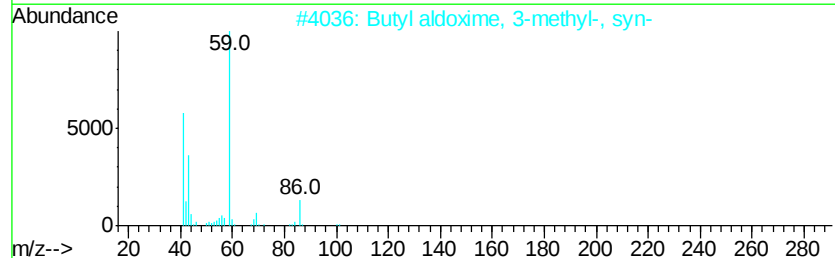
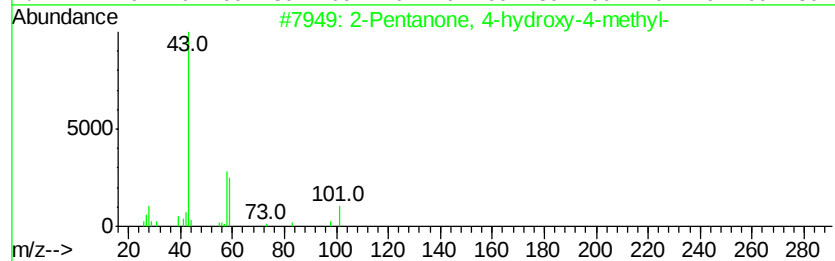
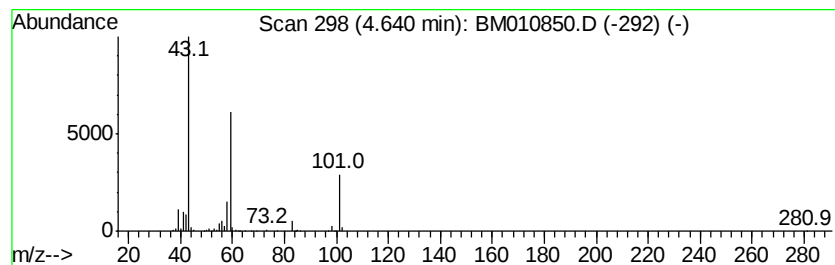
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.64	10.82 ng	793060	1,4-Dichlorobenzene-d4	7.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
2		Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	25
3		4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	10
4		5-Hexen-2-one	98	C6H10O	000109-49-9	9
5		Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9



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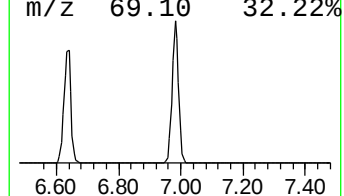
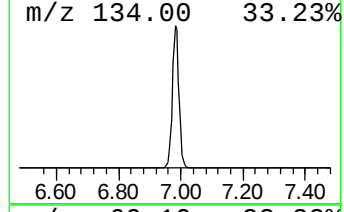
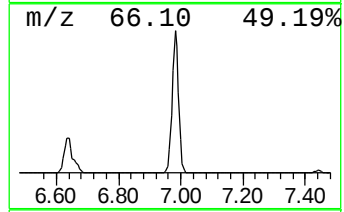
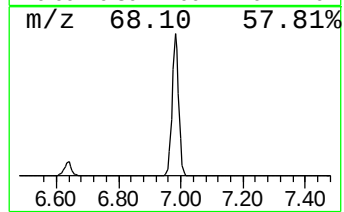
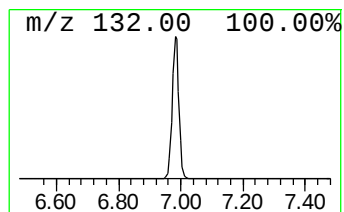
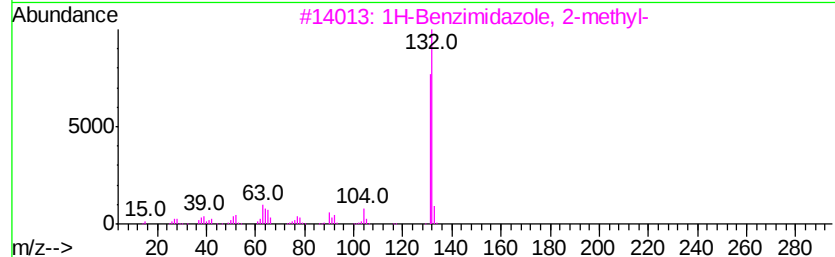
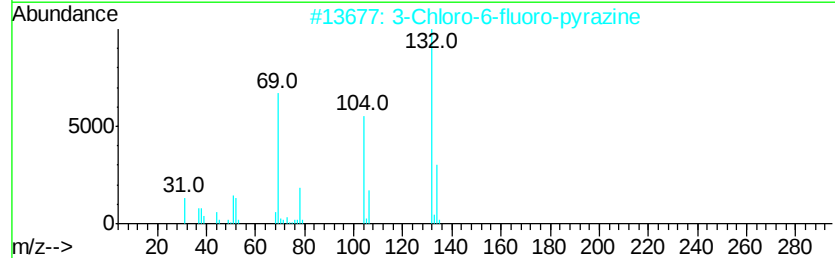
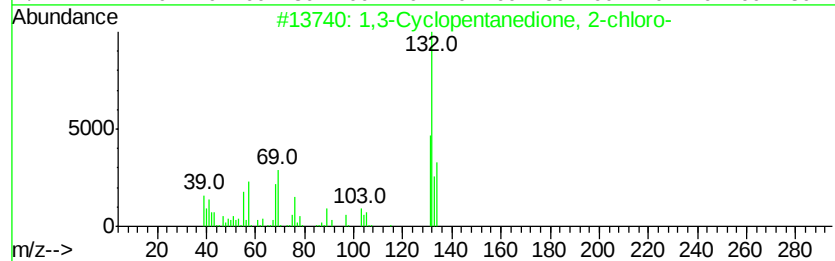
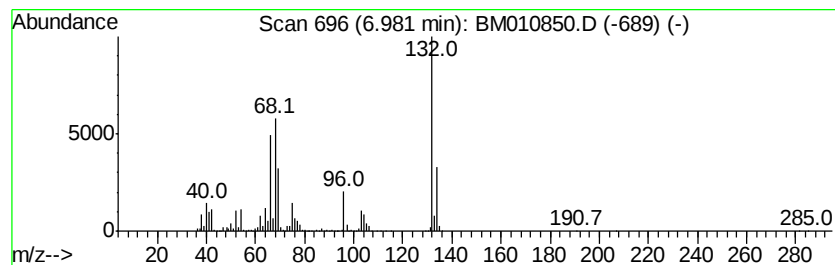
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Peak Number 2 unknown6.98 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.98	86.66 ng	6352800	1,4-Dichlorobenzene-d4	7.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	16
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
3		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	14
4		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
5		3H-1,2-Dithiol-3-one, 5-methyl-	132	C4H4OS2	003620-08-4	14



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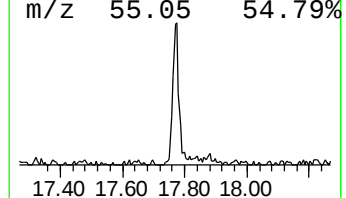
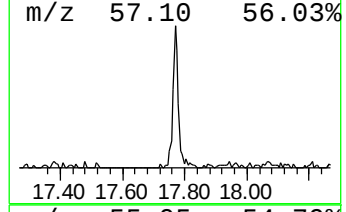
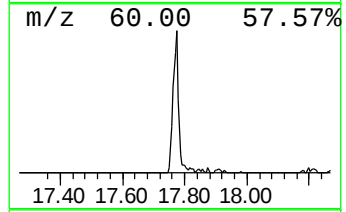
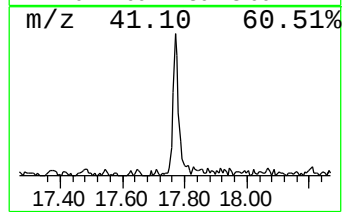
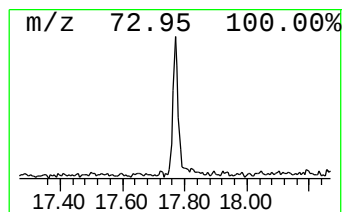
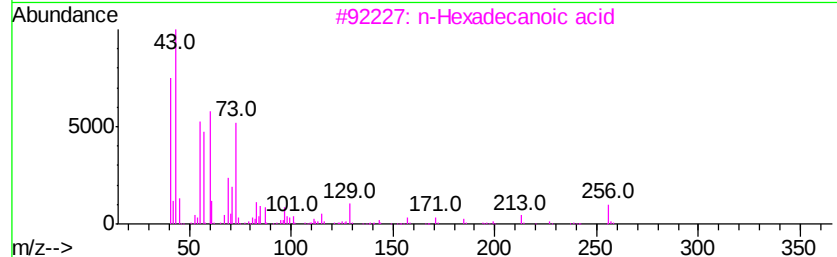
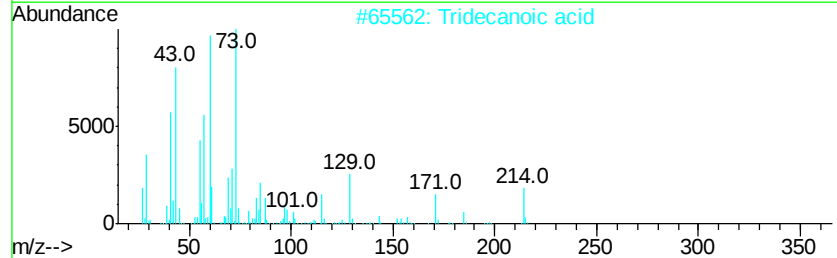
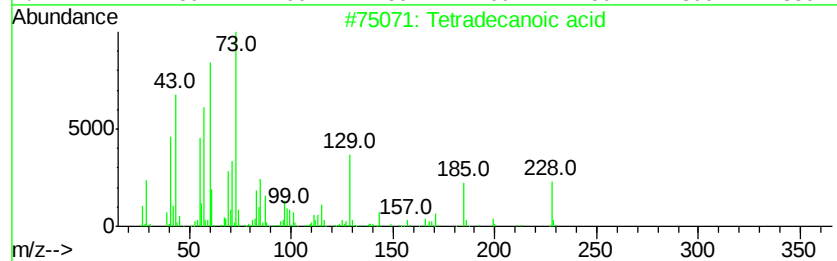
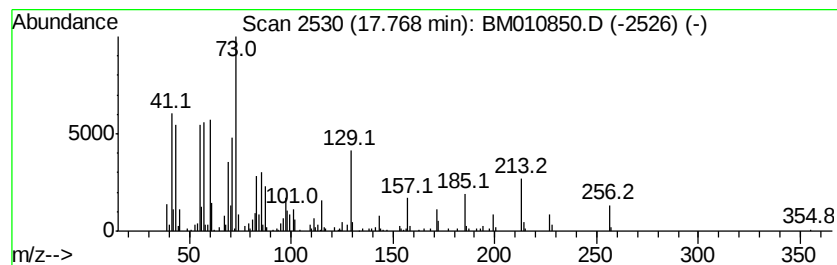
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Peak Number 4 Tetradecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.77	3.28 ng	546622	Phenanthrene-d10	16.84

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecanoic acid	228	C14H28O2	000544-63-8	95
2		Tridecanoic acid	214	C13H26O2	000638-53-9	86
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	64
5		n-Decanoic acid	172	C10H20O2	000334-48-5	43



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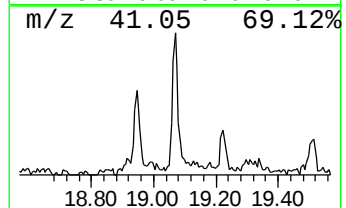
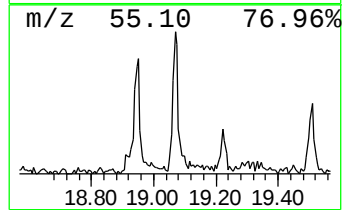
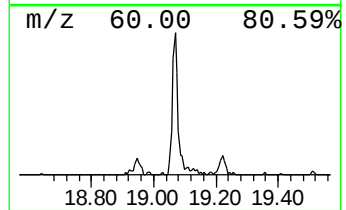
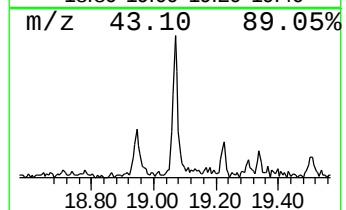
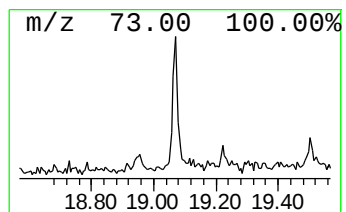
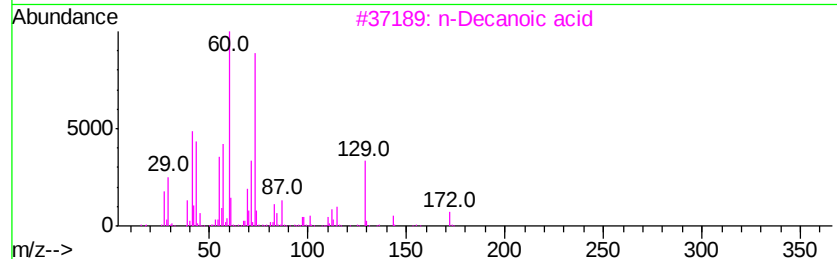
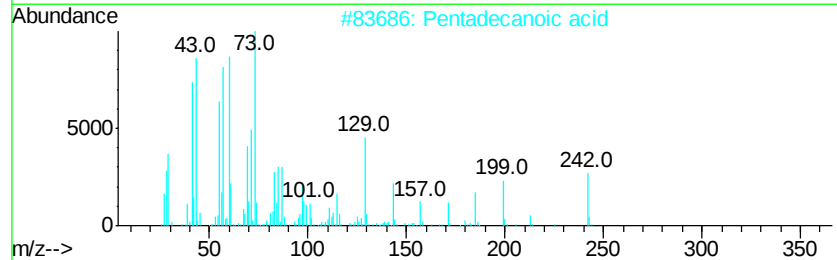
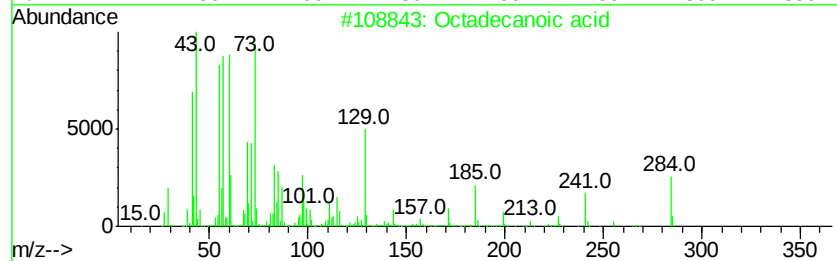
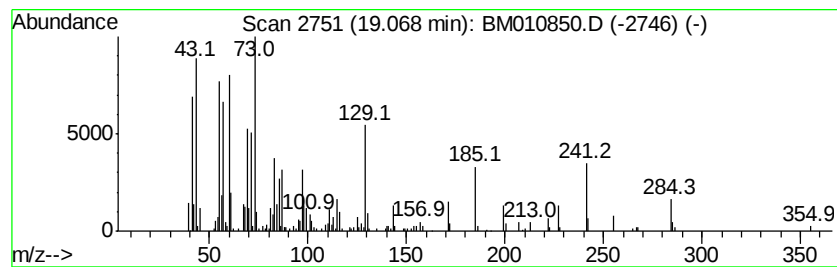
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Peak Number 5 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.
19.07	2.52 ng	497739	Chrysene-d12		21.06
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	96
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
3	n-Decanoic acid	172	C10H20O2	000334-48-5	64
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	53
5	Undecanoic acid	186	C11H22O2	000112-37-8	50



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.64	10.8	ng	793060	1	7.44	1466180	20.0
unknown6.98	6.98	86.7	ng	6352800	1	7.44	1466180	20.0
Tetradecanoic acid	17.77	3.3	ng	546622	4	16.84	3329210	20.0
Octadecanoic acid	19.07	2.5	ng	497739	5	21.06	3956010	20.0