

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072717\
 Data File : BM011017.D
 Acq On : 27 Jul 2017 19:00
 Operator : SJ/JU
 Sample : I4432-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-1

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-BM072617.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	4.587	301	306	314	rVB	474040	638673	5.48%	0.976%
2	5.028	375	381	391	rBV	2550338	3362730	28.86%	5.139%
3	6.587	638	646	658	rBV	1823557	2848943	24.45%	4.353%
4	6.928	697	704	716	rVB	4199993	6262827	53.76%	9.570%
5	7.387	775	782	791	rVB	928807	1409671	12.10%	2.154%
6	7.704	827	836	845	rBV	3660854	5613040	48.18%	8.577%
7	8.534	968	977	985	rBV	3163598	5000659	42.92%	7.641%
8	10.145	1244	1251	1260	rBV	1034660	1709444	14.67%	2.612%
9	12.657	1670	1678	1687	rBV	6994291	9916955	85.12%	15.154%
10	13.516	1817	1824	1831	rBV	255188	362497	3.11%	0.554%
11	14.045	1907	1914	1924	rBV2	1393768	2092897	17.96%	3.198%
12	15.545	2163	2169	2180	rBV	5626003	7641384	65.59%	11.677%
13	16.804	2376	2383	2392	rBV	1651573	2297513	19.72%	3.511%
14	17.727	2535	2540	2546	rBV2	235991	333566	2.86%	0.510%
15	19.027	2756	2761	2768	rBV2	279908	408212	3.50%	0.624%
16	19.468	2829	2836	2842	rBV	9758357	11650154	100.00%	17.802%
17	21.021	3095	3100	3105	rBV	1804029	2100718	18.03%	3.210%
18	23.133	3454	3459	3467	rVB	996361	1791955	15.38%	2.738%

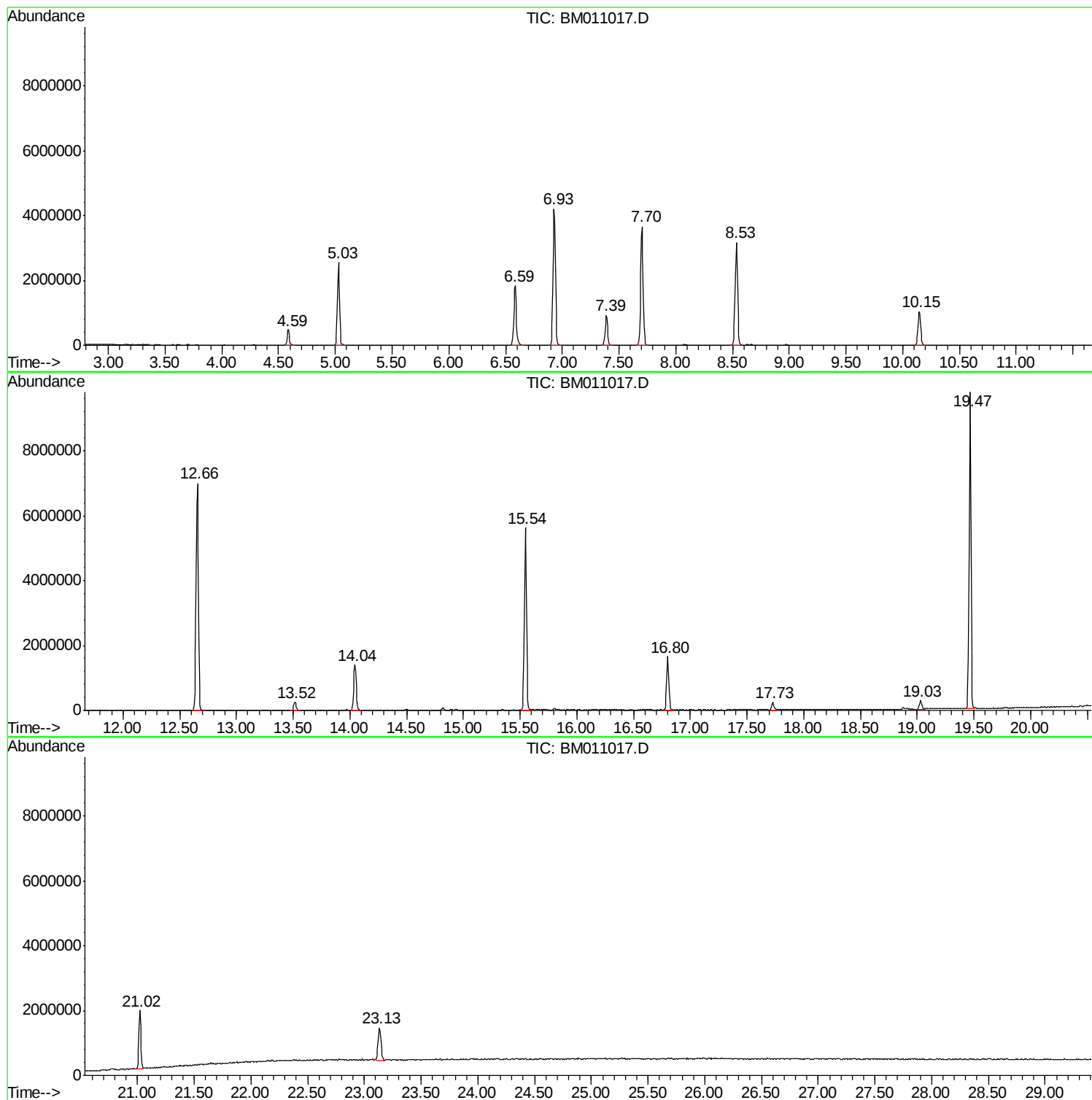
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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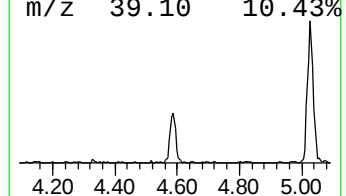
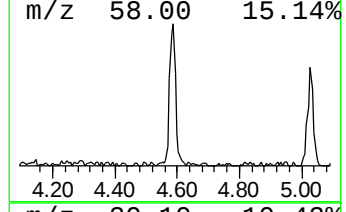
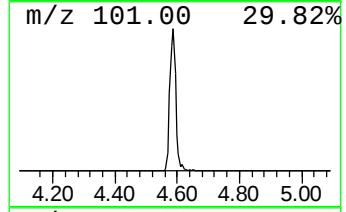
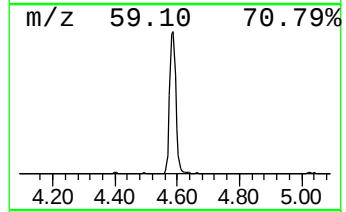
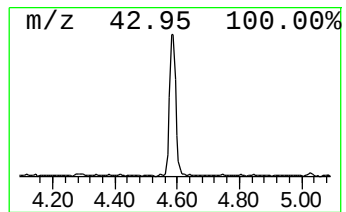
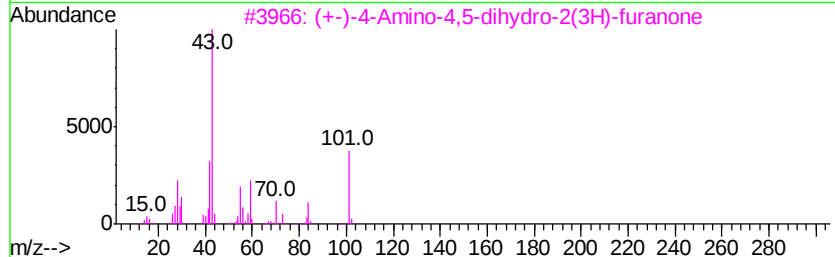
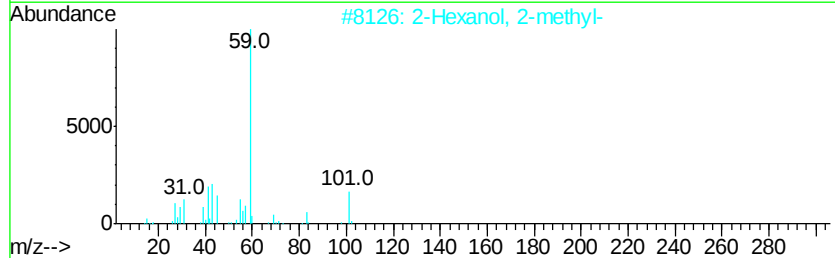
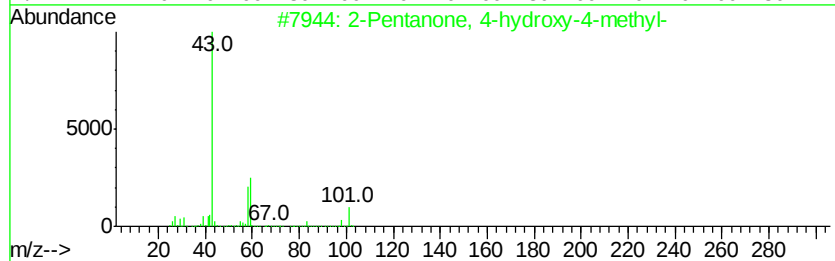
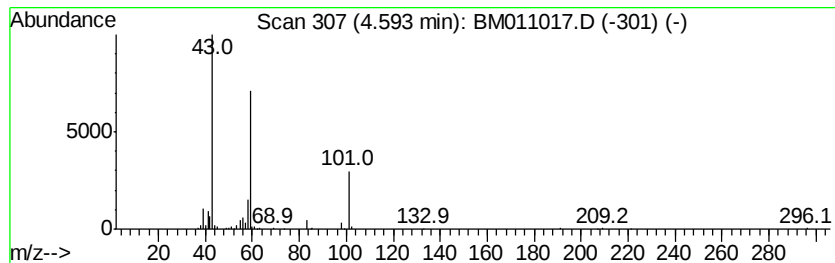
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.59	9.06 ng	638673	1,4-Dichlorobenzene-d4	7.39

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	42
3			(+)-4-Amino-4,5-dihydro-2(3H)-furanone	101	C4H7NO2	016504-58-8	23
4			Acetic acid, 10,11-dihydroxy-3,7...	298	C17H30O4	1000194-28-5	23
5			Propanoic acid, 3-nitro-, methyl...	133	C4H7NO4	020497-95-4	17



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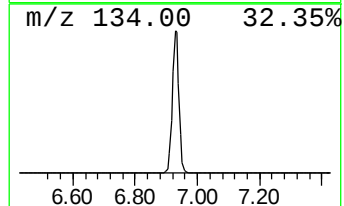
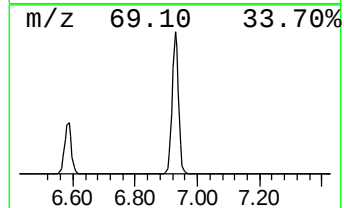
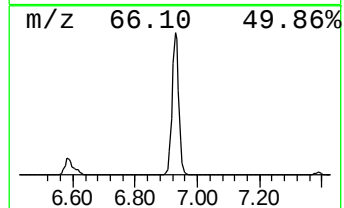
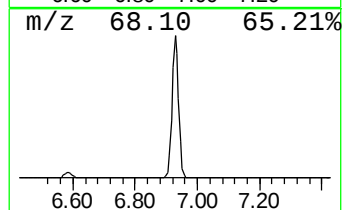
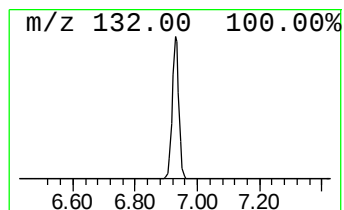
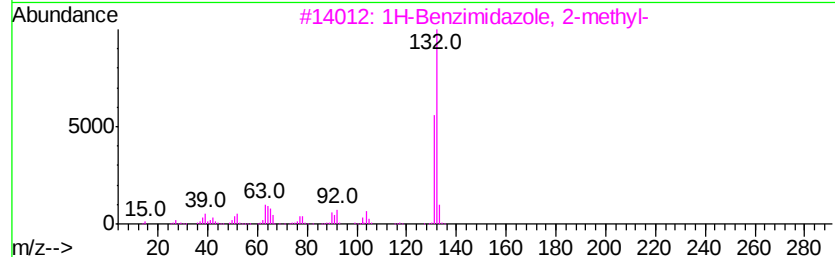
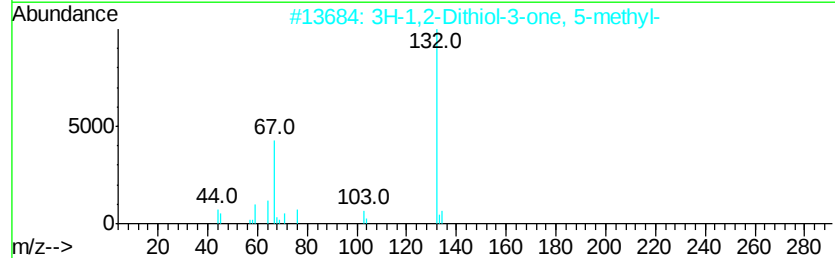
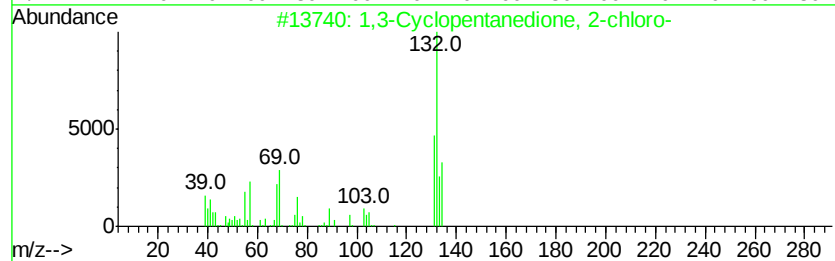
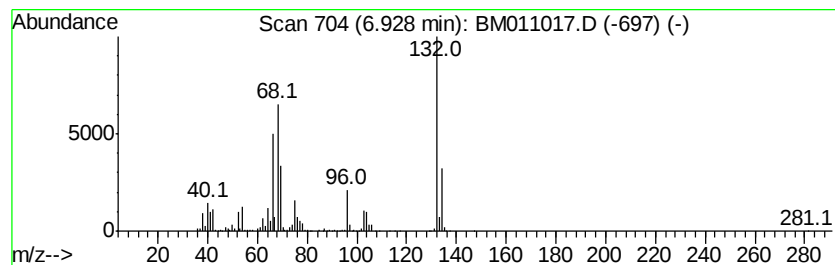
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Peak Number 2 unknown6.93 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.93	88.86 ng	6262830	1,4-Dichlorobenzene-d4	7.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	25
2		3H-1,2-Dithiol-3-one, 5-methyl-	132	C4H4OS2	003620-08-4	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		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14



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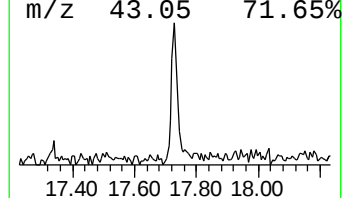
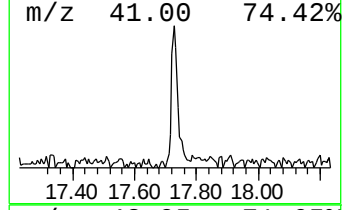
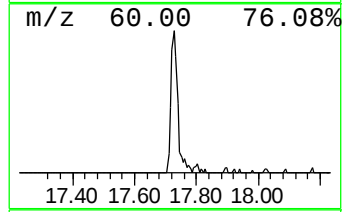
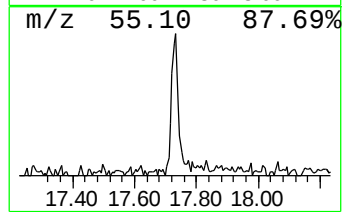
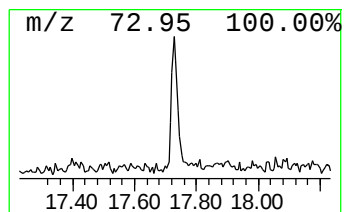
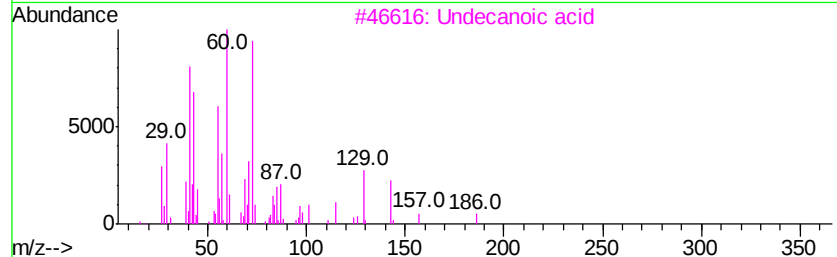
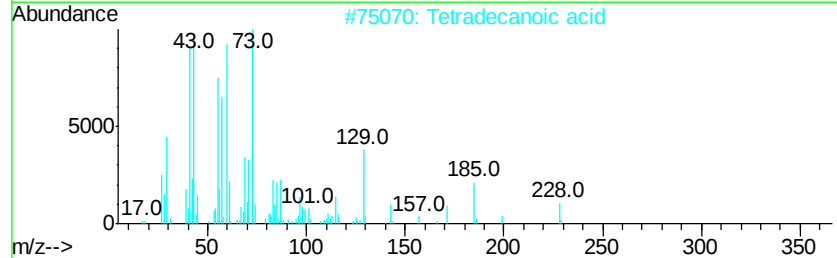
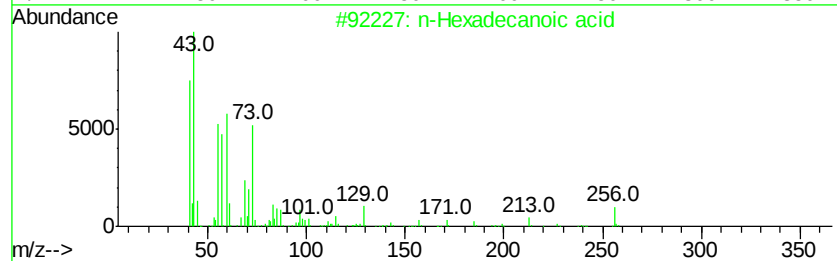
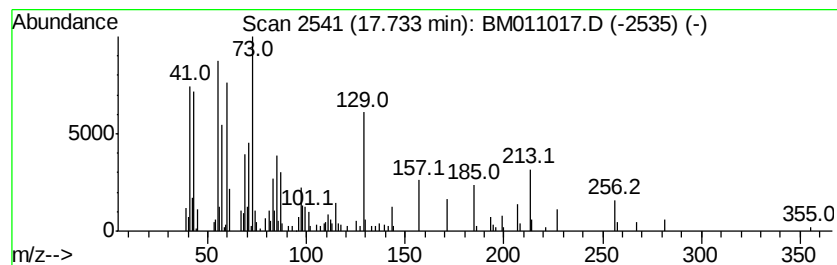
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.73	2.90 ng	333566	Phenanthrene-d10	16.80

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	68
3		Undecanoic acid	186	C11H22O2	000112-37-8	47
4		Dodecanoic acid	200	C12H24O2	000143-07-7	43
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	40



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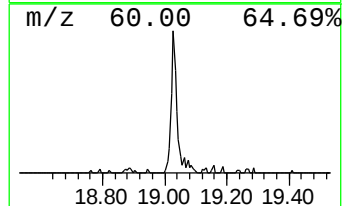
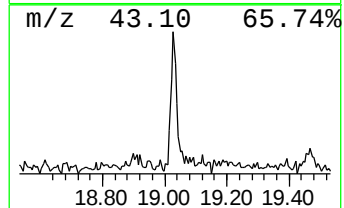
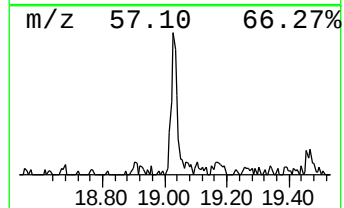
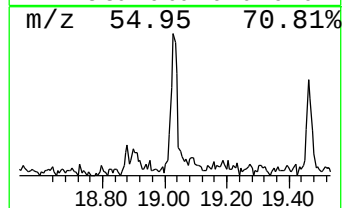
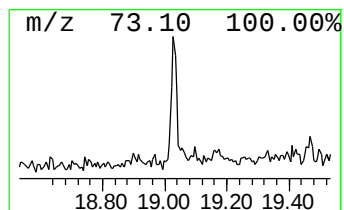
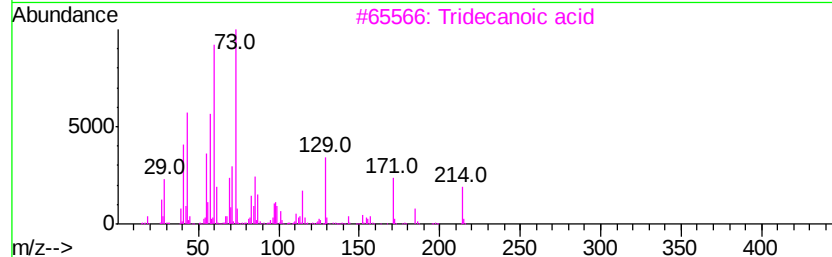
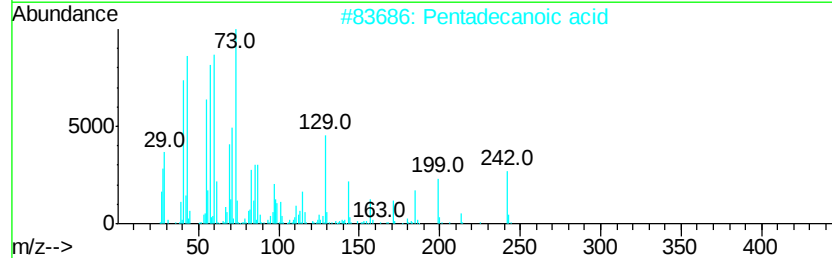
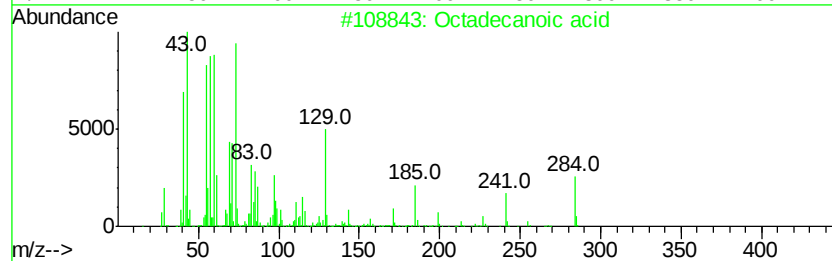
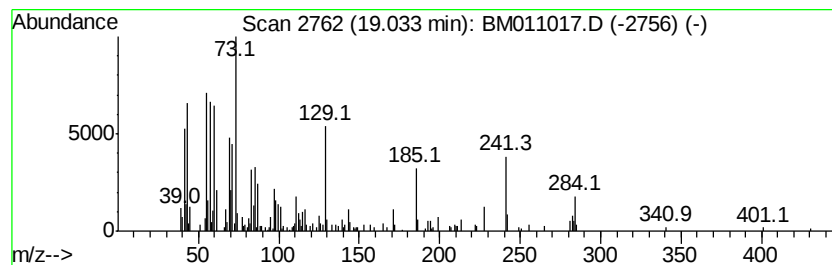
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Peak Number 5 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.03	3.89 ng	408212	Chrysene-d12	21.02

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	97
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	89
3		Tridecanoic acid	214	C13H26O2	000638-53-9	83
4		n-Decanoic acid	172	C10H20O2	000334-48-5	64
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	50



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.59	9.1	ng	638673	1	7.39	1409670	20.0
unknown6.93	6.93	88.9	ng	6262830	1	7.39	1409670	20.0
n-Hexadecanoic acid	17.73	2.9	ng	333566	4	16.80	2297510	20.0
Octadecanoic acid	19.03	3.9	ng	408212	5	21.02	2100720	20.0