

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072717\
 Data File : BM011006.D
 Acq On : 27 Jul 2017 12:24
 Operator : SJ/JU
 Sample : I4419-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 FK-BPM-01-A7-A8-B7-B8

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 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	224149	300746	1.71%	0.380%
2	5.028	374	381	393	rBV	3695418	4981995	28.25%	6.300%
3	6.587	637	646	656	rBV	3939438	6074592	34.45%	7.682%
4	6.928	696	704	714	rBV	3736839	5589672	31.70%	7.068%
5	7.387	775	782	789	rBV	740324	1113081	6.31%	1.408%
6	7.704	828	836	844	rBV	2589959	4093842	23.21%	5.177%
7	8.534	969	977	986	rBV	2452151	3848499	21.82%	4.867%
8	10.145	1244	1251	1259	rBV	899115	1449402	8.22%	1.833%
9	12.657	1671	1678	1686	rBV	6557743	9161979	51.95%	11.586%
10	13.516	1815	1824	1831	rBV	644994	911652	5.17%	1.153%
11	14.045	1906	1914	1926	rBV2	1325916	2022087	11.47%	2.557%
12	15.551	2163	2170	2178	rBV	6793643	9339189	52.96%	11.810%
13	16.804	2377	2383	2392	rVB	2030214	2724764	15.45%	3.446%
14	17.733	2536	2541	2560	rBV	741720	1065491	6.04%	1.347%
15	19.033	2757	2762	2772	rBV	891502	1143790	6.49%	1.446%
16	19.468	2830	2836	2842	rBV	14890973	17635097	100.00%	22.300%
17	21.021	3095	3100	3107	rBV	3225617	3903113	22.13%	4.936%
18	21.550	3187	3190	3194	rVB4	207001	220207	1.25%	0.278%
19	23.133	3453	3459	3466	rBV2	1991435	3501599	19.86%	4.428%

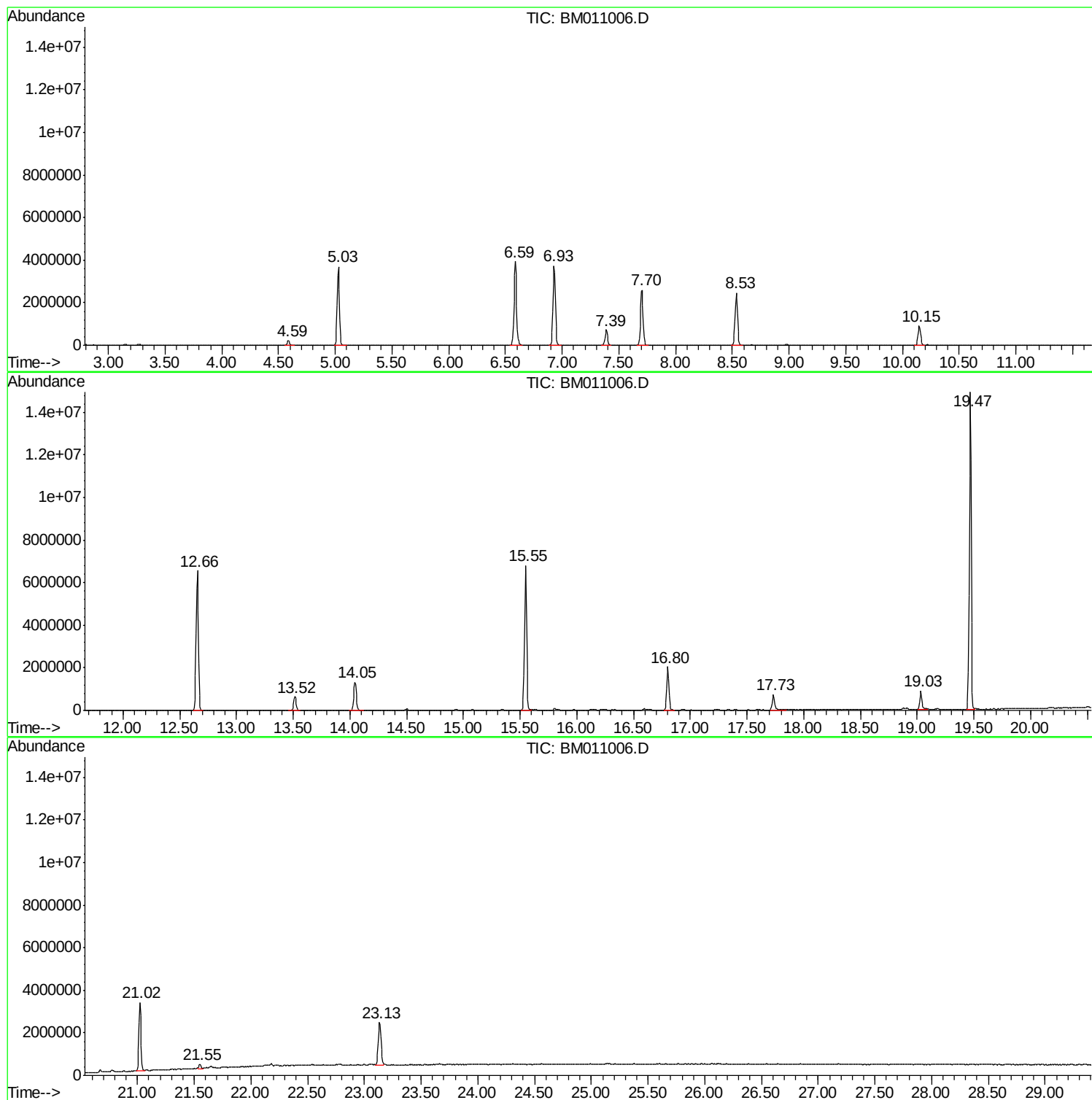
Sum of corrected areas: 79080797

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



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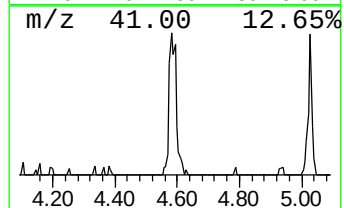
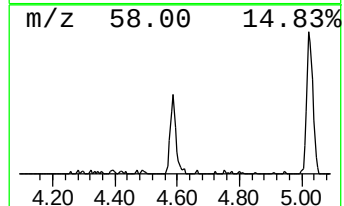
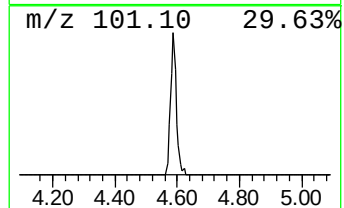
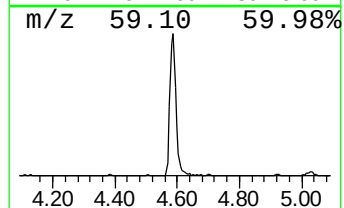
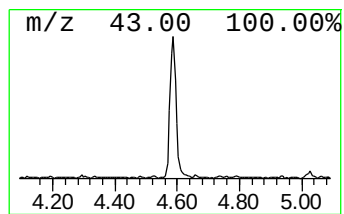
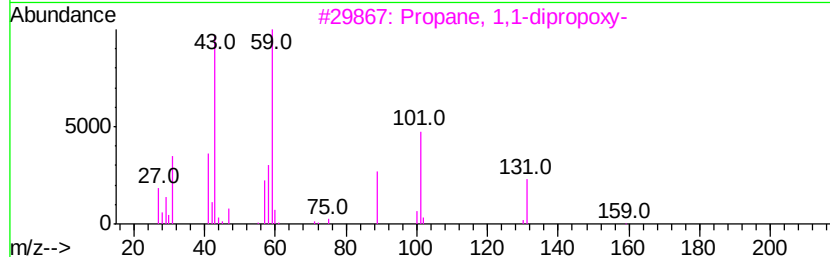
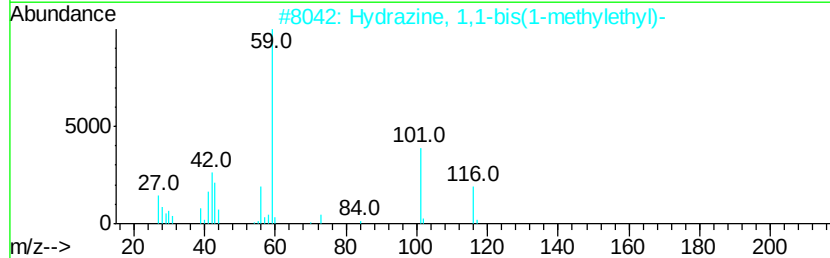
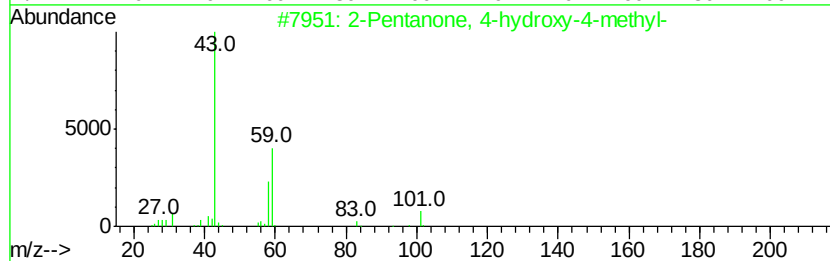
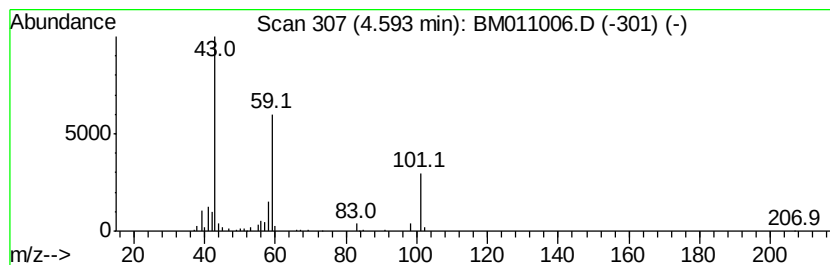
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
4.59	5.40 ng	300746	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	50
2	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	38
3	Propane, 1,1-dipropoxy-	160	C9H20O2	004744-11-0	36
4	4-Ethyl-3-octanol	158	C10H22O	019781-26-1	23
5	Acetic acid, 10,11-dihydroxy-3,7...	298	C17H30O4	1000194-28-5	23



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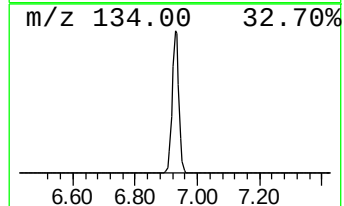
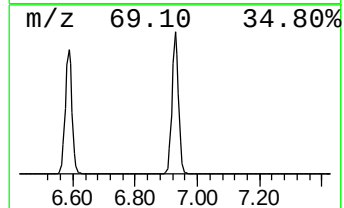
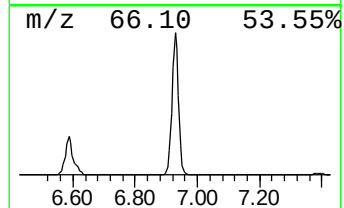
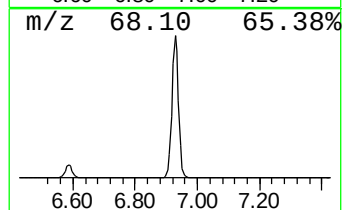
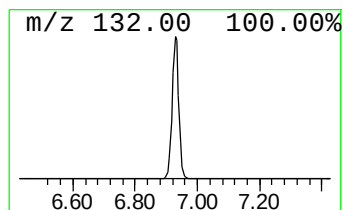
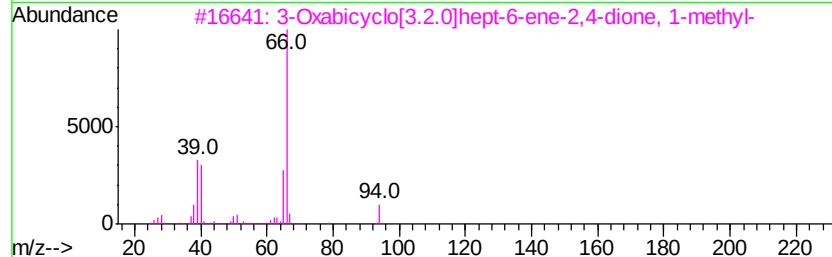
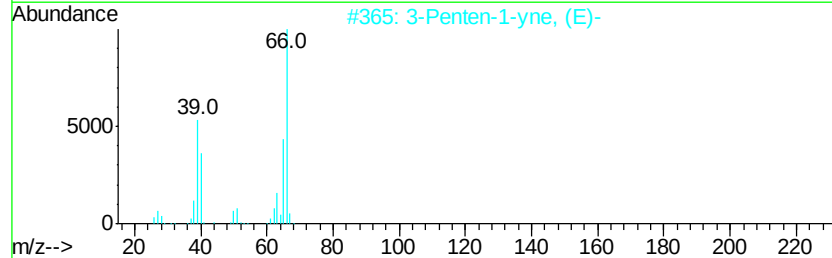
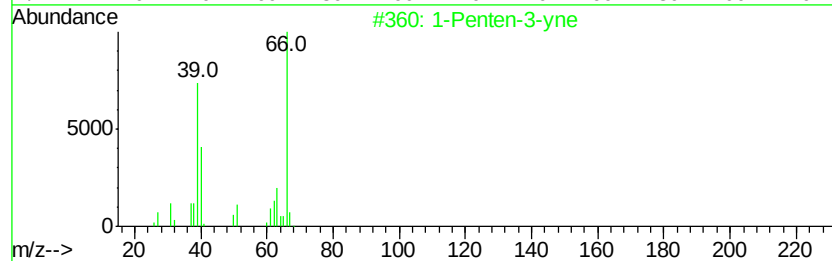
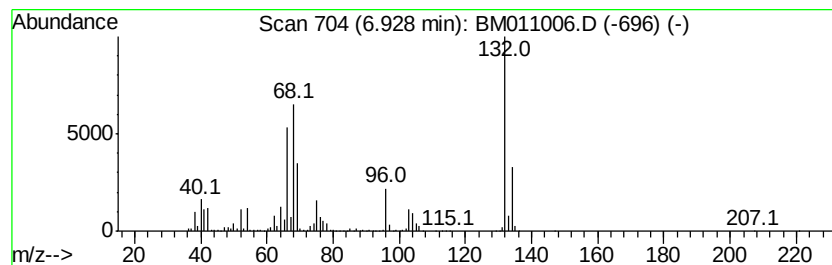
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Peak Number 2 unknown6.93 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.93	100.44 ng	5589670	1,4-Dichlorobenzene-d4	7.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Penten-3-yne	66	C5H6	000646-05-9	38
2		3-Penten-1-yne, (E)-	66	C5H6	002004-69-5	35
3		3-Oxabicyclo[3.2.0]hept-6-ene-2,...	138	C7H6O3	064197-88-2	25
4		3-Hexenedinitrile	106	C6H6N2	001119-85-3	25
5		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	18



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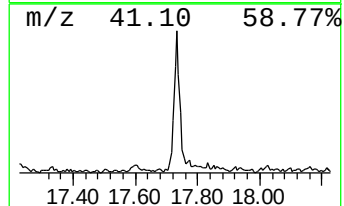
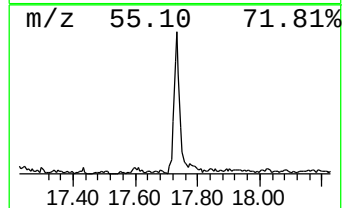
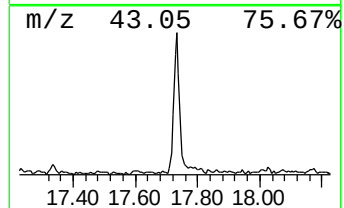
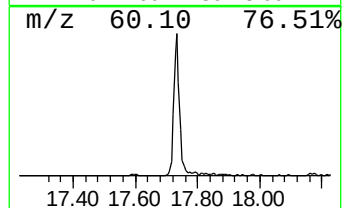
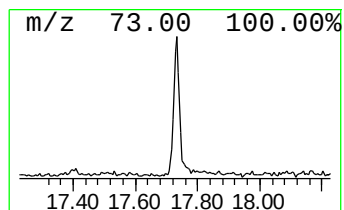
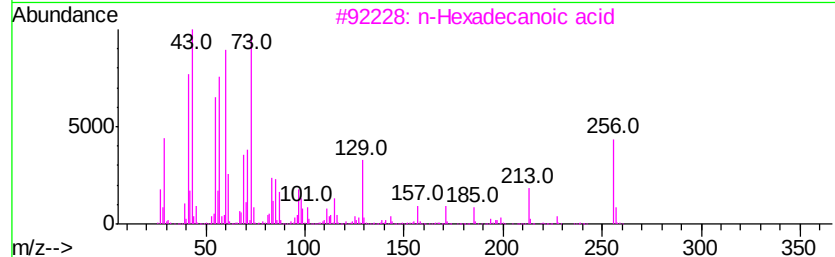
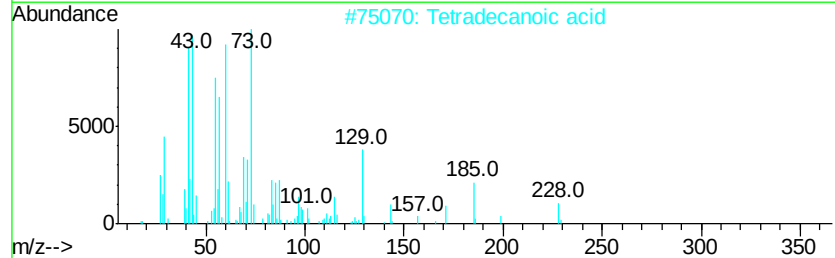
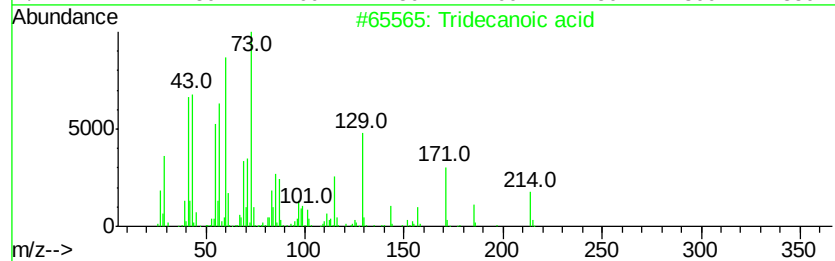
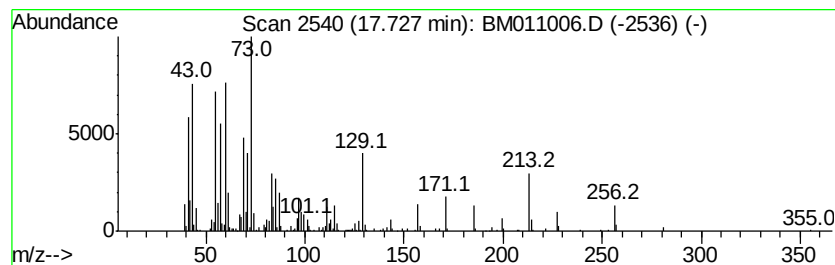
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Peak Number 4 Tridecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.73	7.82 ng	1065490	Phenanthrene-d10	16.80

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecanoic acid	214	C13H26O2	000638-53-9	95
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
4		n-Decanoic acid	172	C10H20O2	000334-48-5	76
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	74



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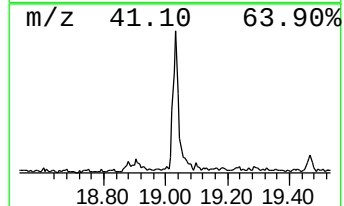
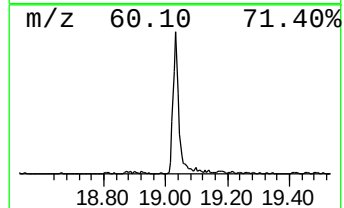
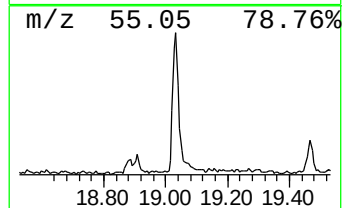
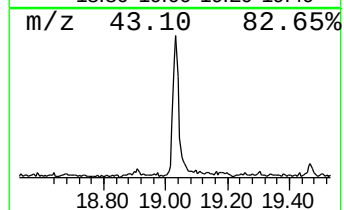
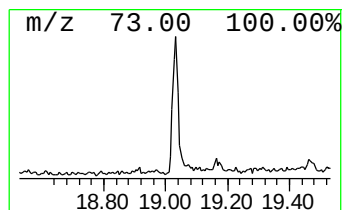
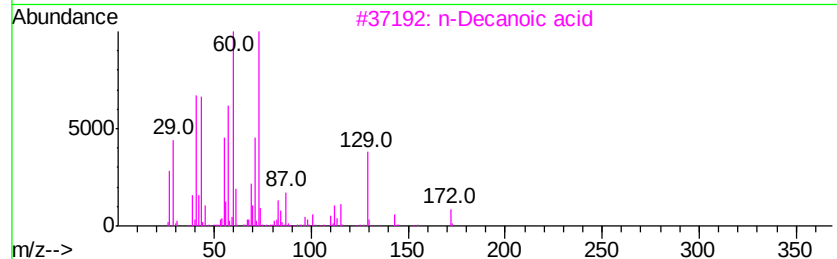
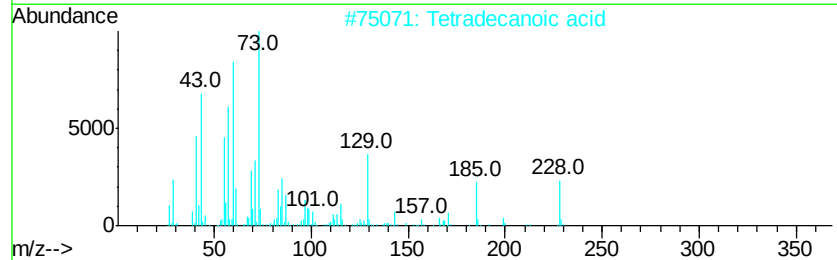
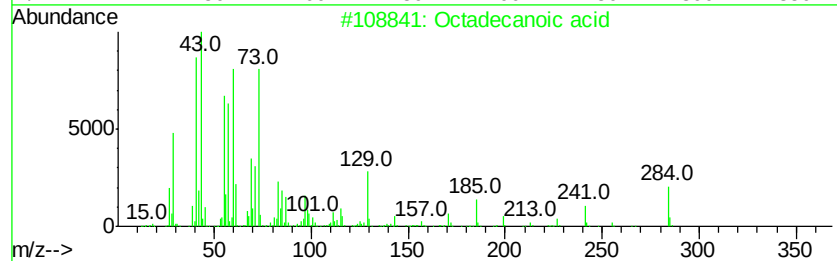
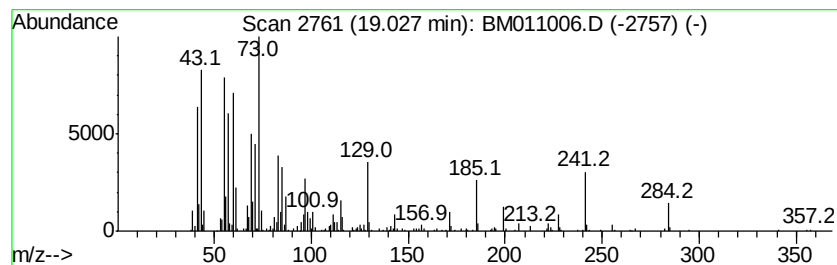
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Peak Number 5 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.03	5.86 ng	1143790	Chrysene-d12	21.02

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	93
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	83
3		n-Decanoic acid	172	C10H20O2	000334-48-5	70
4		Undecanoic acid	186	C11H22O2	000112-37-8	64
5		Tridecanoic acid	214	C13H26O2	000638-53-9	64



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.59	5.4	ng	300746	1	7.39	1113080	20.0
unknown6.93	6.93	100.4	ng	5589670	1	7.39	1113080	20.0
Tridecanoic acid	17.73	7.8	ng	1065490	4	16.80	2724760	20.0
Octadecanoic acid	19.03	5.9	ng	1143790	5	21.02	3903110	20.0