

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081418\
 Data File : BM016363.D
 Acq On : 14 Aug 2018 20:15
 Operator : SJ/JU
 Sample : J4431-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GMW-5

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:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM072318.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	5.175	314	321	330	rBV	48126	74236	2.92%	0.589%
2	5.646	396	401	416	rBV	377309	601468	23.63%	4.773%
3	7.287	675	680	690	rBV	204657	345796	13.58%	2.744%
4	7.645	734	741	756	rBV	865024	1341431	52.69%	10.644%
5	8.116	815	821	829	rBB	161557	257817	10.13%	2.046%
6	8.434	869	875	887	rBB	803614	1288538	50.61%	10.224%
7	9.304	1016	1023	1037	rBV	589825	957980	37.63%	7.601%
8	10.928	1293	1299	1309	rBV	169844	278480	10.94%	2.210%
9	13.369	1708	1714	1728	rBV	1313875	1830836	71.91%	14.527%
10	14.204	1852	1856	1863	rBB	40093	52809	2.07%	0.419%
11	14.751	1944	1949	1957	rVB2	196754	291088	11.43%	2.310%
12	16.239	2196	2202	2212	rBV	1045095	1422358	55.87%	11.286%
13	17.486	2409	2414	2420	rBV2	224024	311274	12.23%	2.470%
14	18.339	2554	2559	2566	rBV	58911	81450	3.20%	0.646%
15	19.598	2769	2773	2778	rBV2	38543	53534	2.10%	0.425%
16	20.068	2848	2853	2858	rBV	2269910	2545866	100.00%	20.201%
17	21.292	3058	3061	3068	rVB5	26650	36137	1.42%	0.287%
18	21.621	3112	3117	3122	rVB	328293	407862	16.02%	3.236%
19	23.950	3507	3513	3521	rVB	216778	423594	16.64%	3.361%

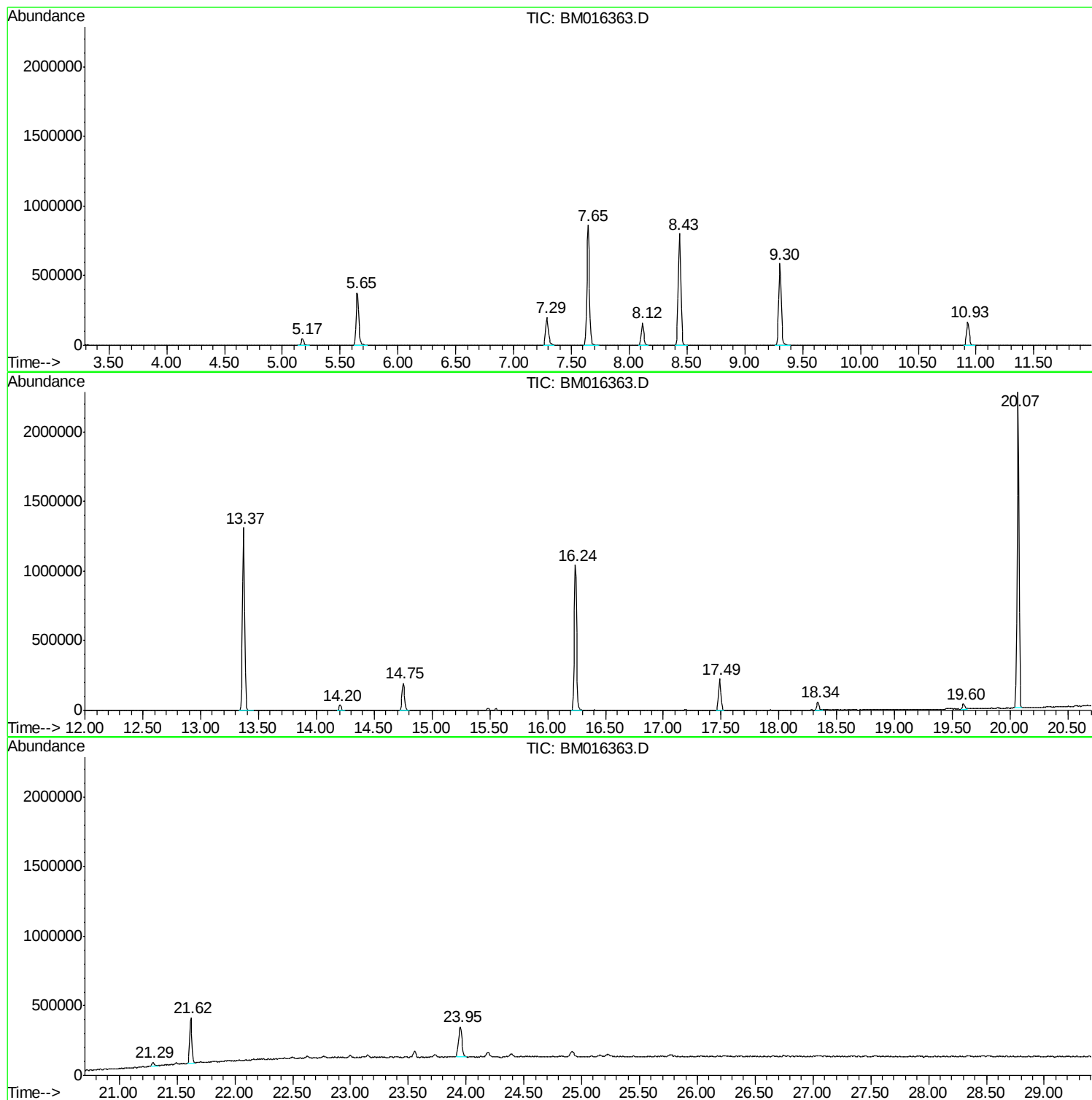
Sum of corrected areas: 12602554

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



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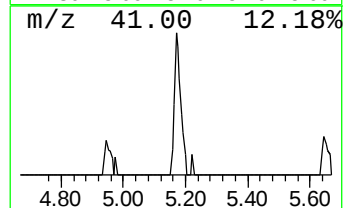
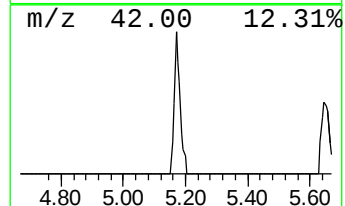
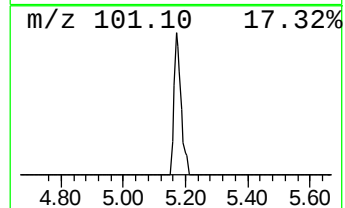
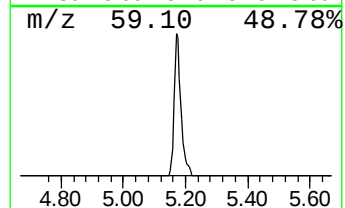
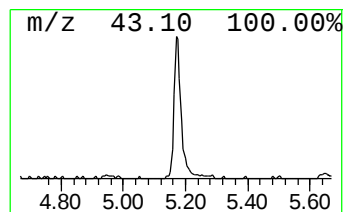
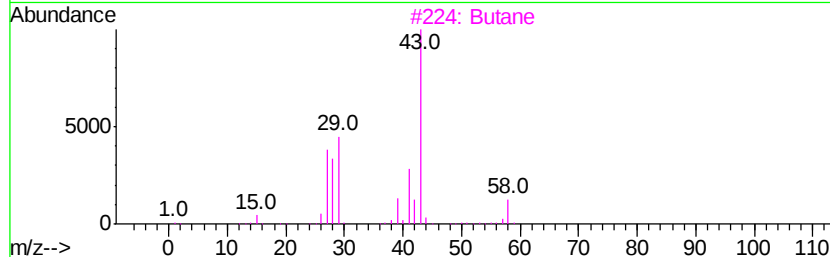
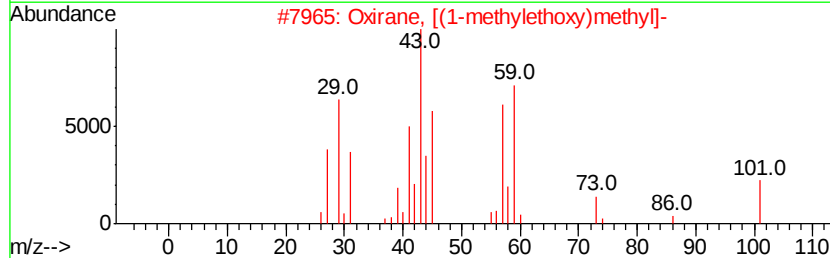
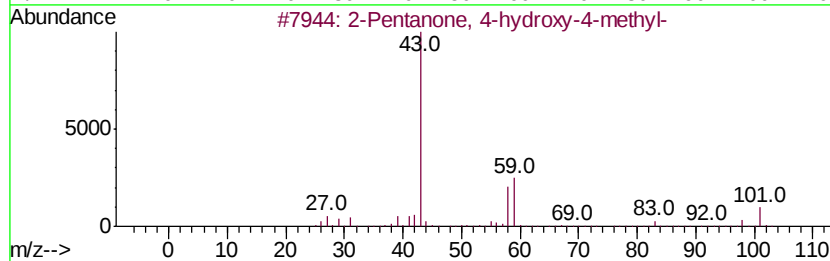
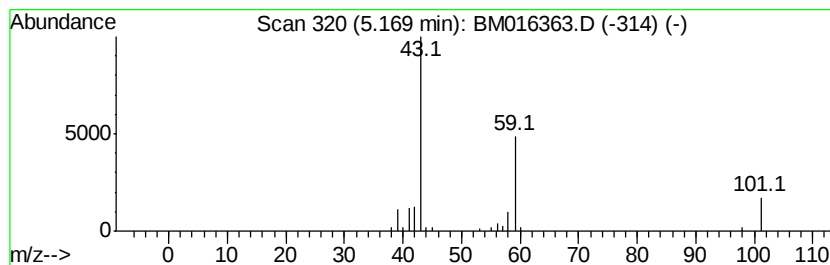
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.17	5.76 ng	74236	1,4-Dichlorobenzene-d4	8.12

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2			Oxirane, [(1-methylethoxy)methyl]-	116	C6H12O2	004016-14-2	39
3			Butane	58	C4H10	000106-97-8	22
4			Propylamine	59	C3H9N	000107-10-8	9
5			4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	9



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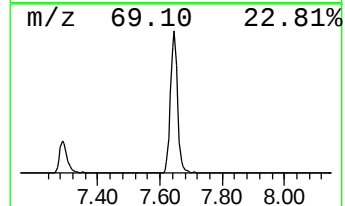
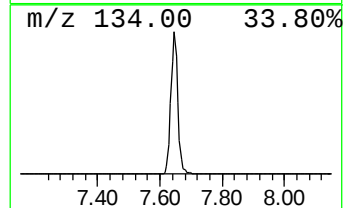
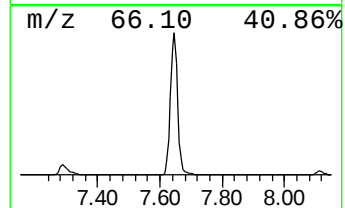
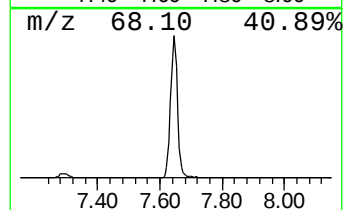
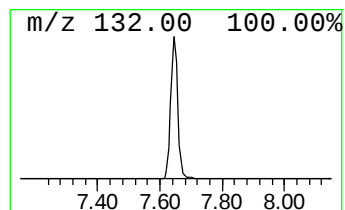
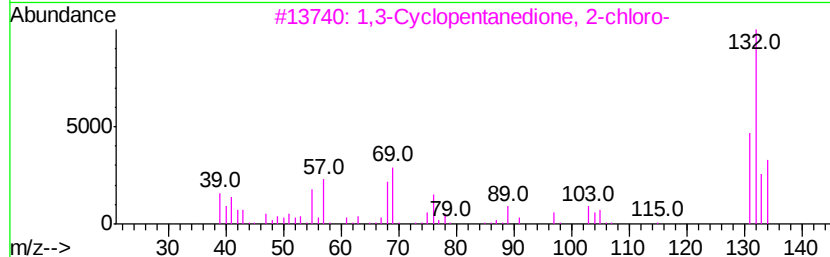
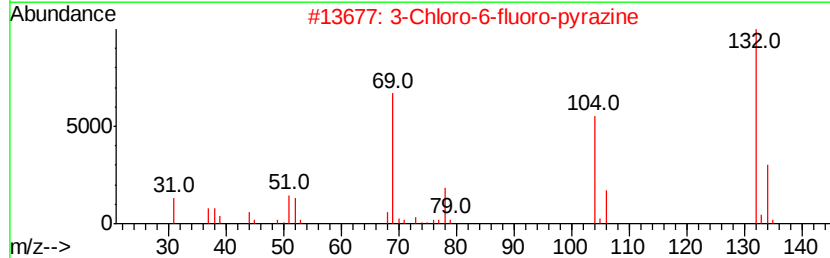
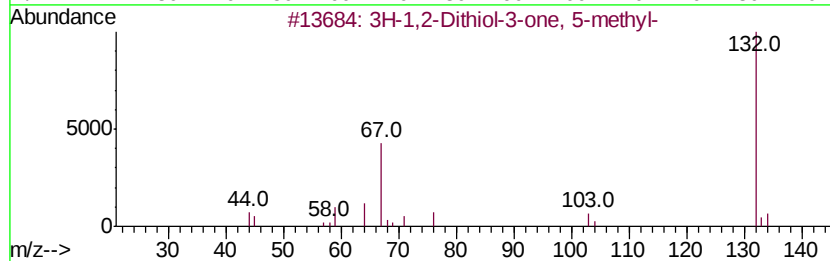
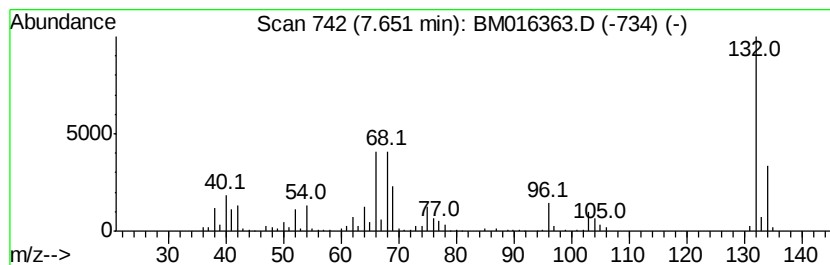
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Peak Number 2 unknown7.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.65	104.06 ng	1341430	1,4-Dichlorobenzene-d4	8.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3H-1,2-Dithiol-3-one, 5-methyl-	132	C4H4OS2	003620-08-4	14
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
3		1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	12
4		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
5		Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	10



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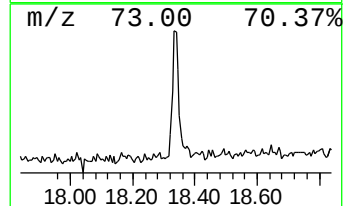
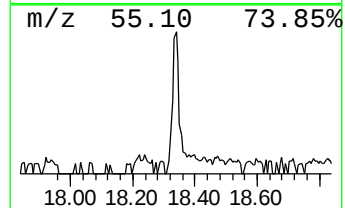
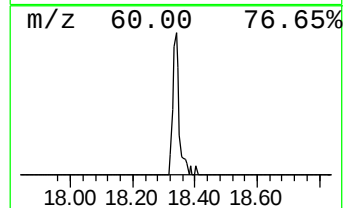
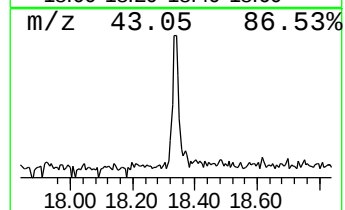
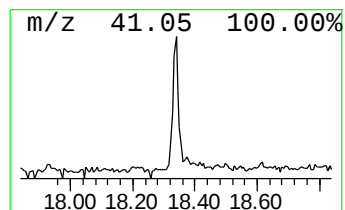
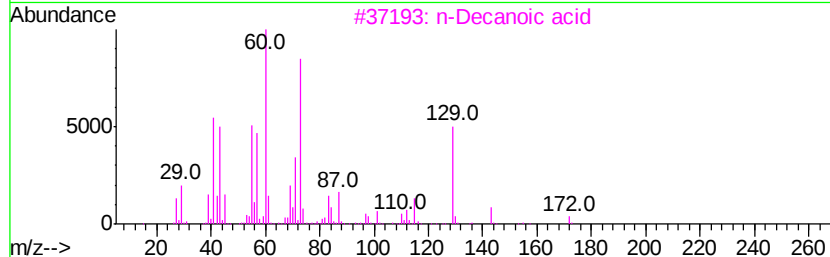
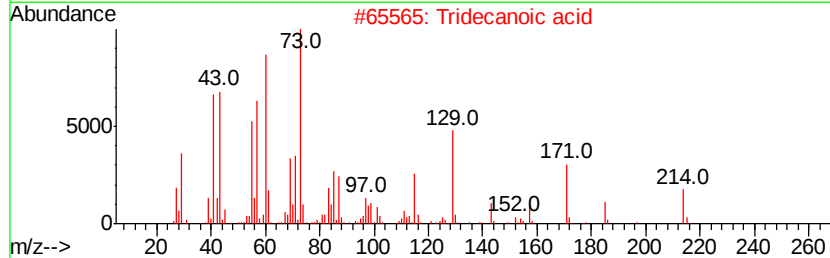
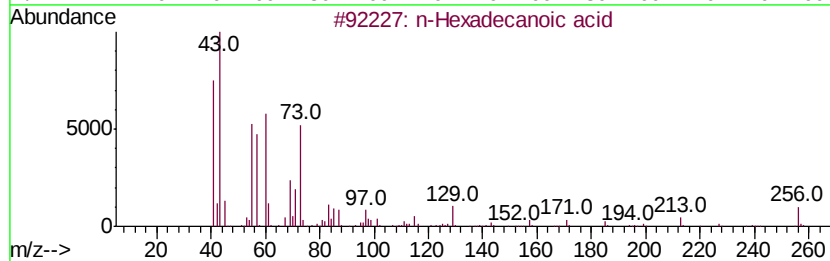
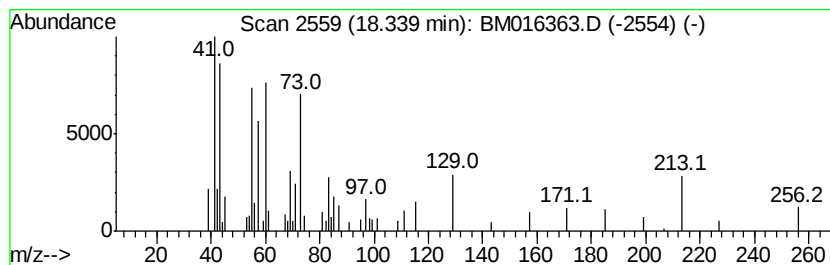
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	5.23 ng	81450	Phenanthrene-d10	17.49

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
2		Tridecanoic acid	214	C13H26O2	000638-53-9	50
3		n-Decanoic acid	172	C10H20O2	000334-48-5	49
4		11-Bromoundecanoic acid	264	C11H21BrO2	002834-05-1	47
5		Undecanoic acid	186	C11H22O2	000112-37-8	43



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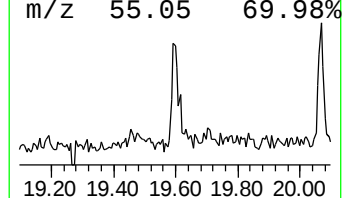
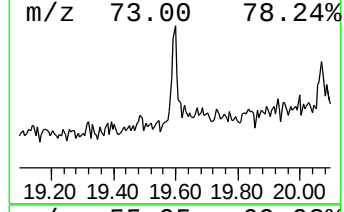
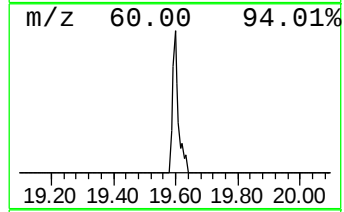
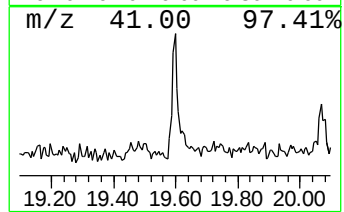
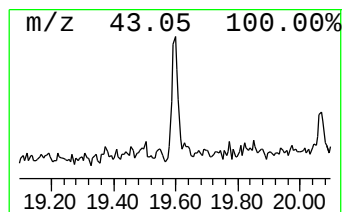
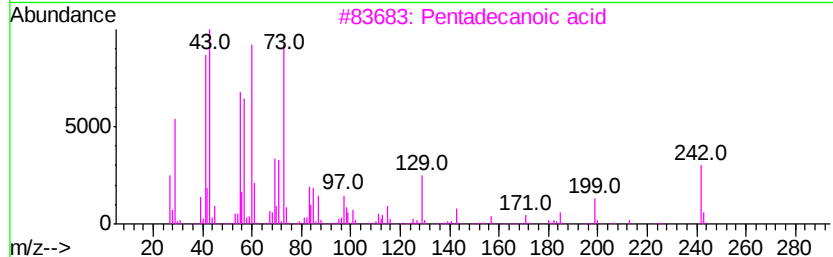
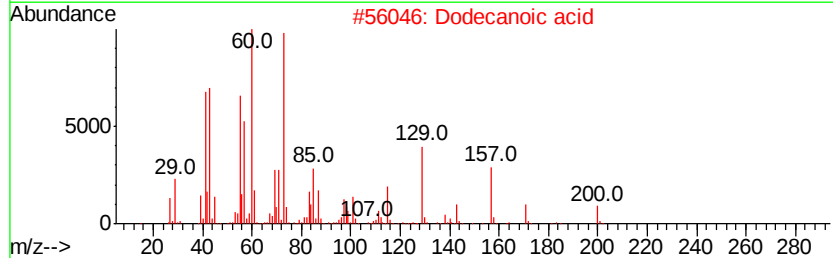
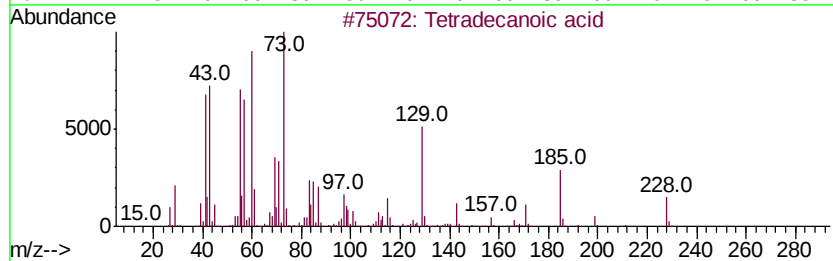
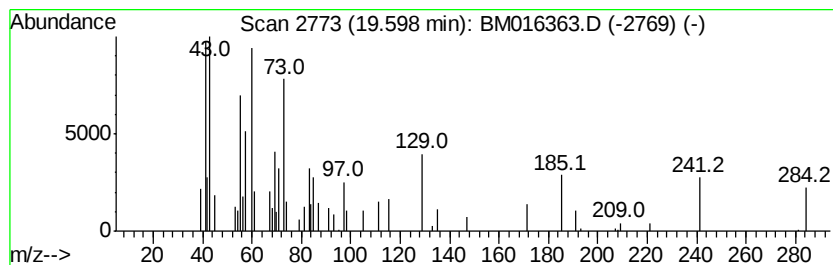
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Peak Number 5 Tetradecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.60	2.63 ng	53534	Chrysene-d12	21.62

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecanoic acid	228	C14H28O2	000544-63-8	64
2		Dodecanoic acid	200	C12H24O2	000143-07-7	58
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	47
4		Tridecanoic acid	214	C13H26O2	000638-53-9	47
5		n-Decanoic acid	172	C10H20O2	000334-48-5	47



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.17	5.8	ng	74236	1	8.12	257817	20.0
unknown7.65	7.65	104.1	ng	1341430	1	8.12	257817	20.0
n-Hexadecanoic acid	18.34	5.2	ng	81450	4	17.49	311274	20.0
Tetradecanoic acid	19.60	2.6	ng	53534	5	21.62	407862	20.0