

Data Path : V:\HPCHEM1\BNA G\DATA\BG070916\
 Data File : BG022959.D
 Acq On : 9 Jul 2016 10:05
 Operator : UM/SJ
 Sample : H3927-05
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S22-EB-2016-1

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_G\METHODS\8270-BG070816.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	5.223	401	406	416	rVB2	76257	114669	1.00%	0.233%
2	5.699	480	487	497	rVB	930913	1528533	13.39%	3.104%
3	7.303	753	760	773	rBV	673255	1144795	10.03%	2.325%
4	7.679	817	824	835	rBV	1854929	3298854	28.91%	6.700%
5	8.149	895	904	914	rVB	375339	668041	5.85%	1.357%
6	8.478	953	960	968	rBV	1721455	2972301	26.05%	6.037%
7	9.325	1095	1104	1115	rVB	1682782	2990878	26.21%	6.074%
8	10.981	1379	1386	1400	rVB	581815	1063101	9.32%	2.159%
9	13.420	1792	1801	1808	rBV	4582541	7527959	65.97%	15.289%
10	14.795	2027	2035	2043	rBV2	1029188	1751920	15.35%	3.558%
11	15.523	2153	2159	2164	rBV2	139372	212143	1.86%	0.431%
12	16.293	2282	2290	2299	rBV	4529945	7109471	62.30%	14.439%
13	17.556	2498	2505	2513	rBV2	1430289	2159198	18.92%	4.385%
14	18.426	2647	2653	2660	rBV2	121586	191410	1.68%	0.389%
15	19.689	2864	2868	2874	rBV3	151132	234344	2.05%	0.476%
16	20.159	2942	2948	2953	rBV	8206751	11411744	100.00%	23.177%
17	21.845	3229	3235	3243	rVB	1467366	2464623	21.60%	5.006%
18	25.200	3796	3806	3819	rVB2	771875	2394086	20.98%	4.862%

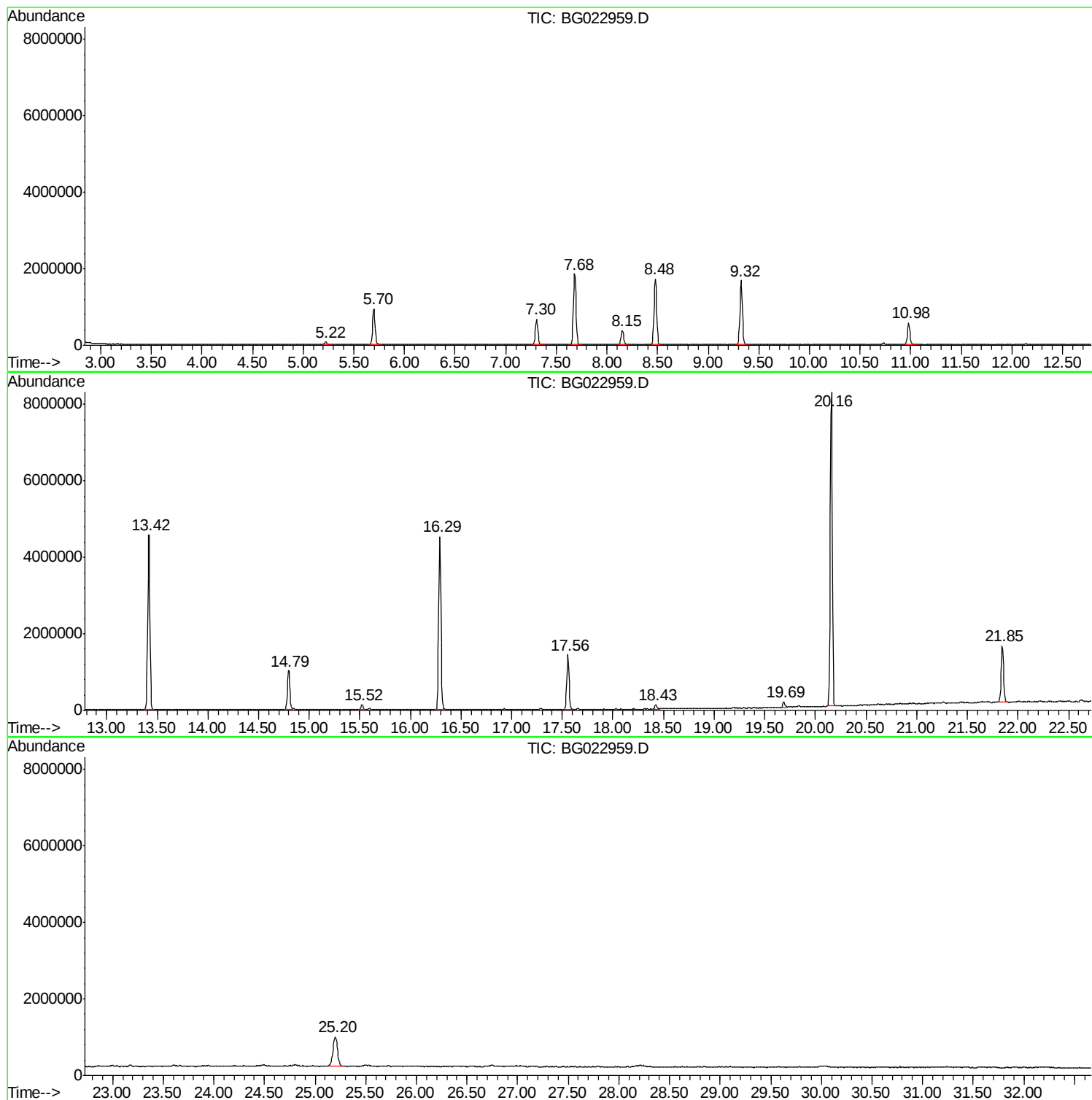
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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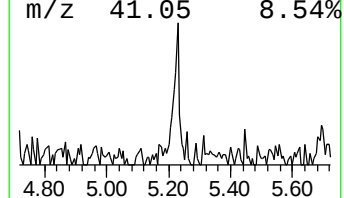
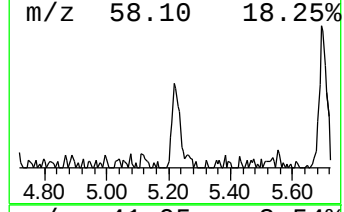
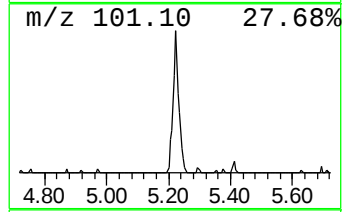
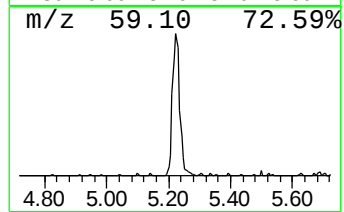
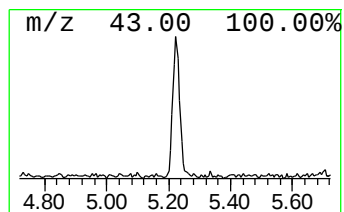
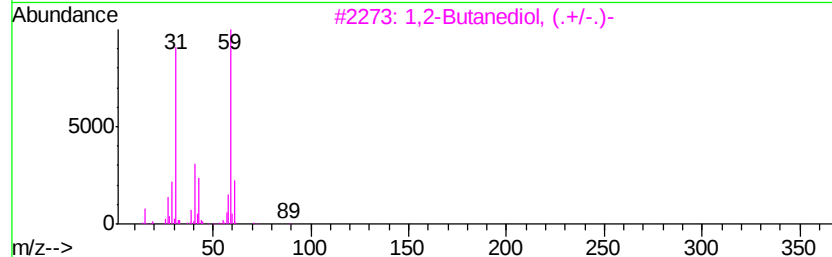
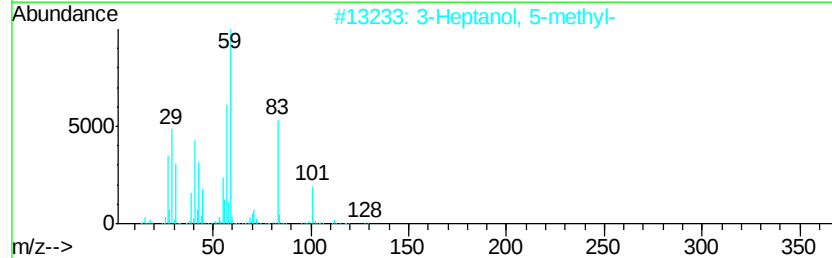
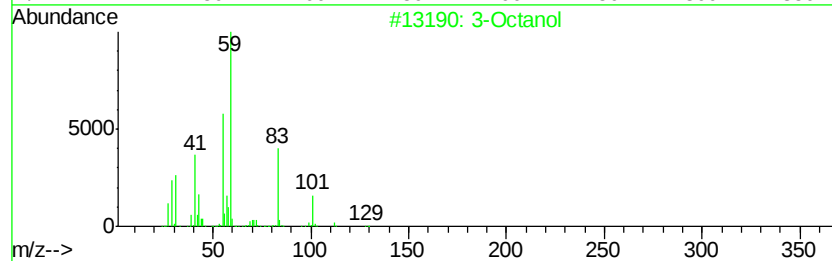
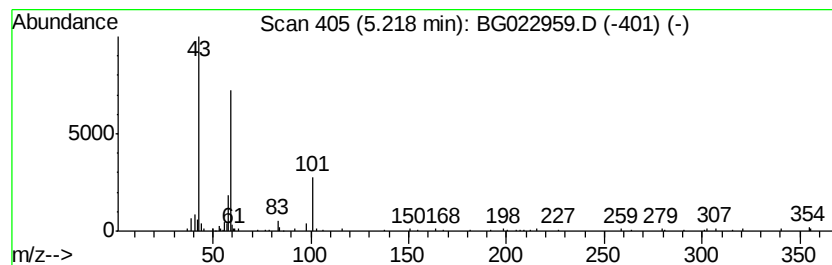
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown5.22 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.22	3.43 ng	114669	1,4-Dichlorobenzene-d4	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octanol		130	C8H18O	000589-98-0	36
2	3-Heptanol, 5-methyl-		130	C8H18O	018720-65-5	33
3	1,2-Butanediol, (.+/-.)-		90	C4H10O2	026171-83-5	28
4	3-Heptadecanol		256	C17H36O	084534-30-5	28
5	2-Hexanol, 2-methyl-		116	C7H16O	000625-23-0	28



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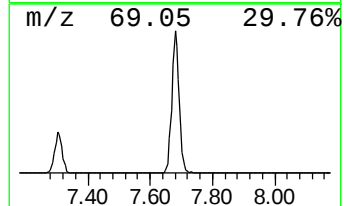
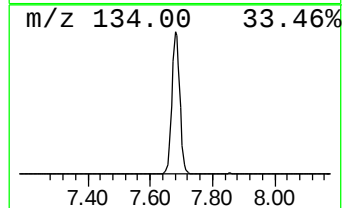
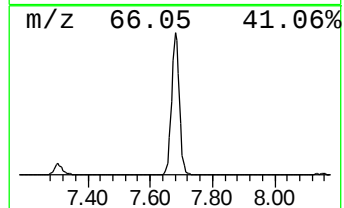
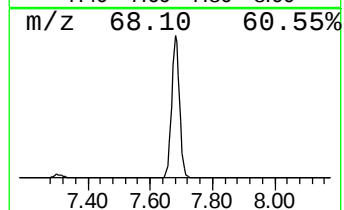
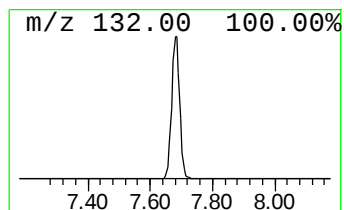
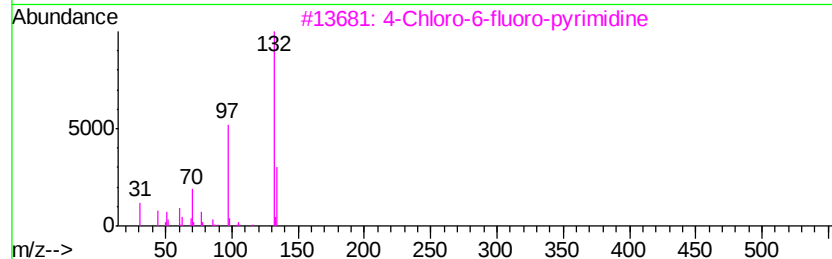
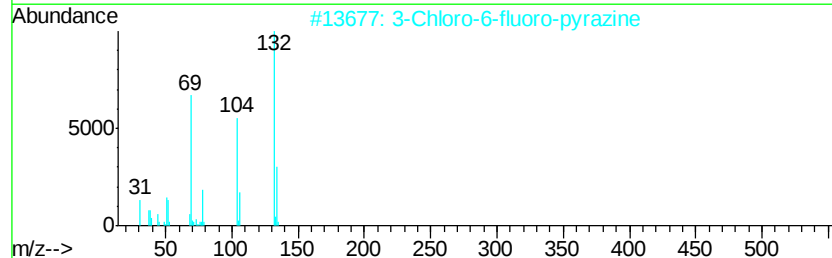
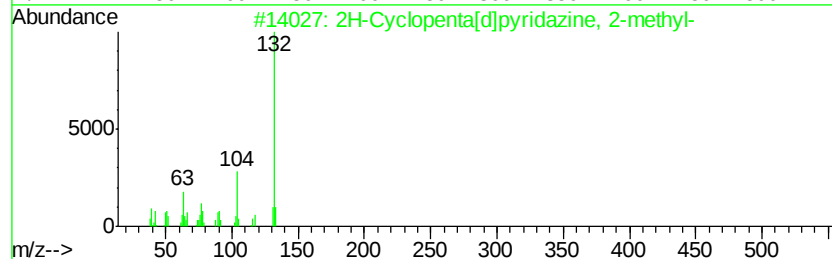
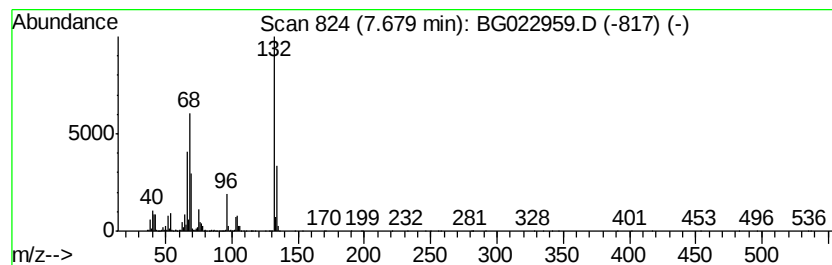
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Peak Number 2 unknown7.68 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	98.76 ng	3298850	1,4-Dichlorobenzene-d4	8.15

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	14	
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14	
3	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14	
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10	
5	Xenon	132	Xe	007440-63-3	9	



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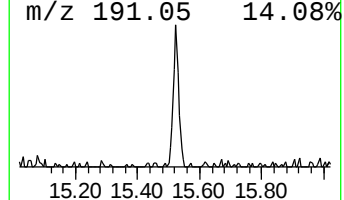
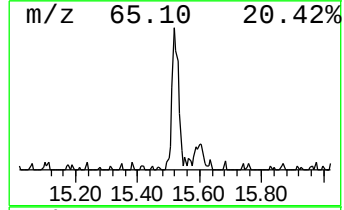
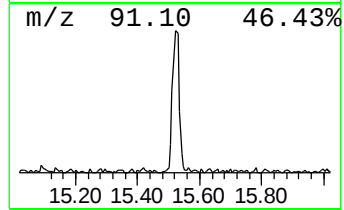
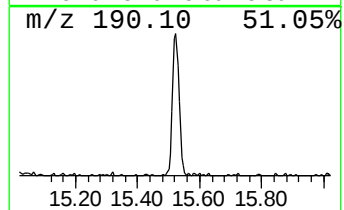
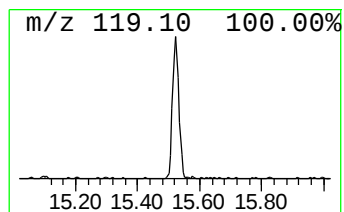
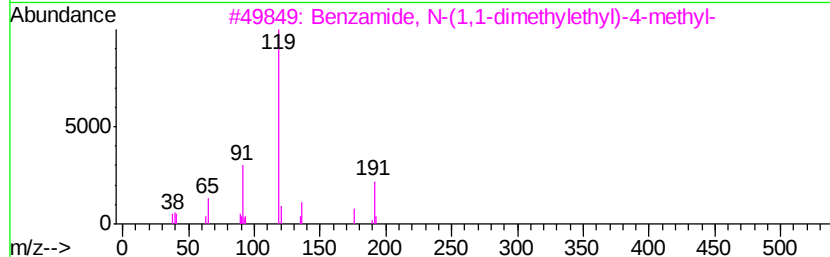
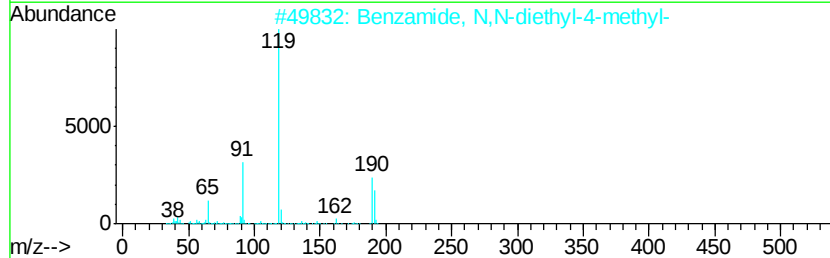
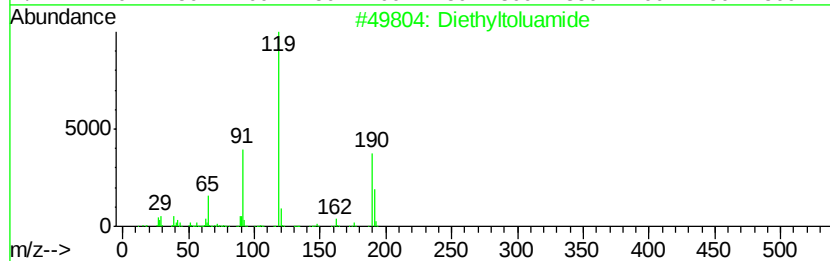
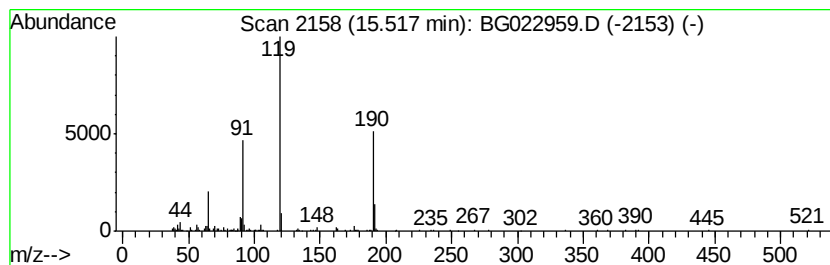
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Peak Number 4 Diethyltoluamide Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.52	2.42 ng	212143	Acenaphthene-d10	14.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Diethyltoluamide	191	C12H17NO	000134-62-3	89
2		Benzamide, N,N-diethyl-4-methyl-	191	C12H17NO	002728-05-4	76
3		Benzamide, N-(1,1-dimethylethyl)-4-methyl-	191	C12H17NO	042498-32-8	50
4		Benzamide, 3-methyl-N-(4,5-diphenyl)-	370	C23H18N2OS	294876-81-6	47
5		Benzoic acid, 4-(2-methylbenzoyl)-	345	C22H19NO3	304665-47-2	47



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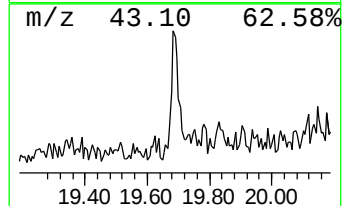
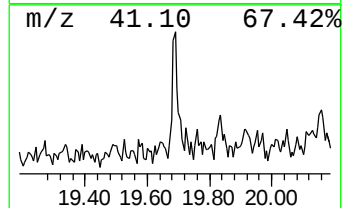
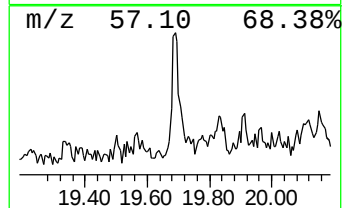
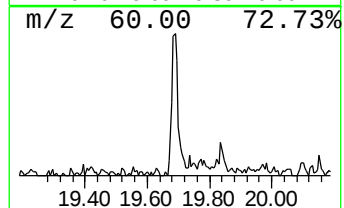
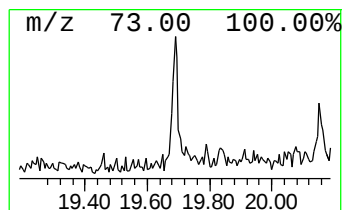
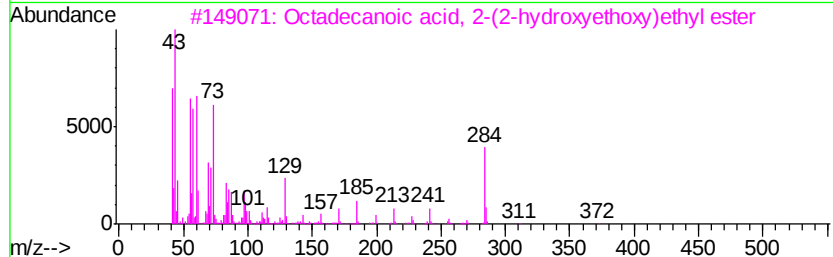
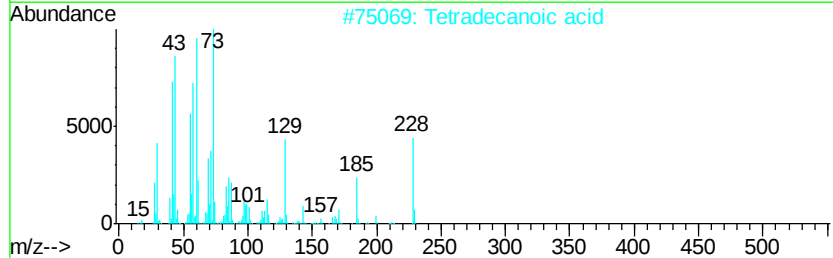
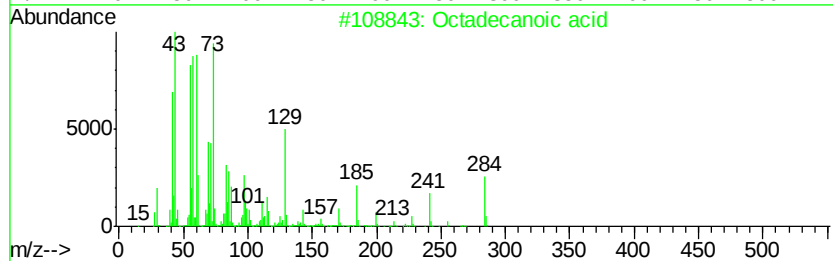
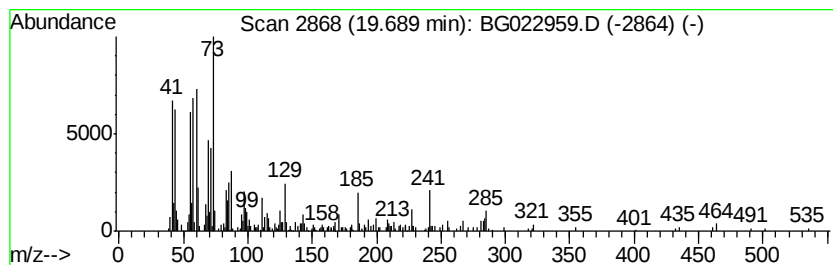
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Peak Number 5 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.69	2.17 ng	234344	Phenanthrene-d10	17.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	83
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	70
3		Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	58
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	49
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	49



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown5.22	5.22	3.4	ng	114669	1	8.15	668041	20.0
unknown7.68	7.68	98.8	ng	3298850	1	8.15	668041	20.0
Diethyltoluamide	15.52	2.4	ng	212143	3	14.79	1751920	20.0
Octadecanoic acid	19.69	2.2	ng	234344	4	17.56	2159200	20.0