

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072621\
 Data File : BM031173.D
 Acq On : 26 Jul 2021 21:28
 Operator : CG/JU
 Sample : M3062-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JLX88

Manual Integrations
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Quant Time: Jul 27 06:22:36 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 22 01:52:16 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.632	152	1063	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.397	136	4263	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.258	164	3002	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.006	188	6440	0.400	ng/ul	0.00
17) Chrysene-d12	21.188	240	6139	0.400	ng/ul	-0.01
23) Perylene-d12	23.360	264	6364	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.213	96	2749	2.462	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.993	152	1172	0.157	ng/ul	0.00
18) Fluoranthene-d10	19.031	212	2965	0.158	ng/ul	-0.01
Target Compounds						
					Qvalue	
11) Acenaphthene	14.319	153	232	0.021	ng/ul#	89
15) Phenanthrene	17.048	178	1177	0.058	ng/ul#	88
19) Fluoranthene	19.066	202	1982	0.080	ng/ul#	90
20) Pyrene	19.428	202	2085m	0.083	ng/ul	
21) Benzo(a)anthracene	21.173	228	817	0.033	ng/ul#	80
22) Chrysene	21.227	228	997	0.038	ng/ul#	90
24) Benzo(b)fluoranthene	22.713	252	1530m	0.051	ng/ul	
26) Benzo(a)pyrene	23.266	252	916	0.035	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.517	276	713	0.021	ng/ul#	58

(#) = qualifier out of range (m) = manual integration (+) = signals summed

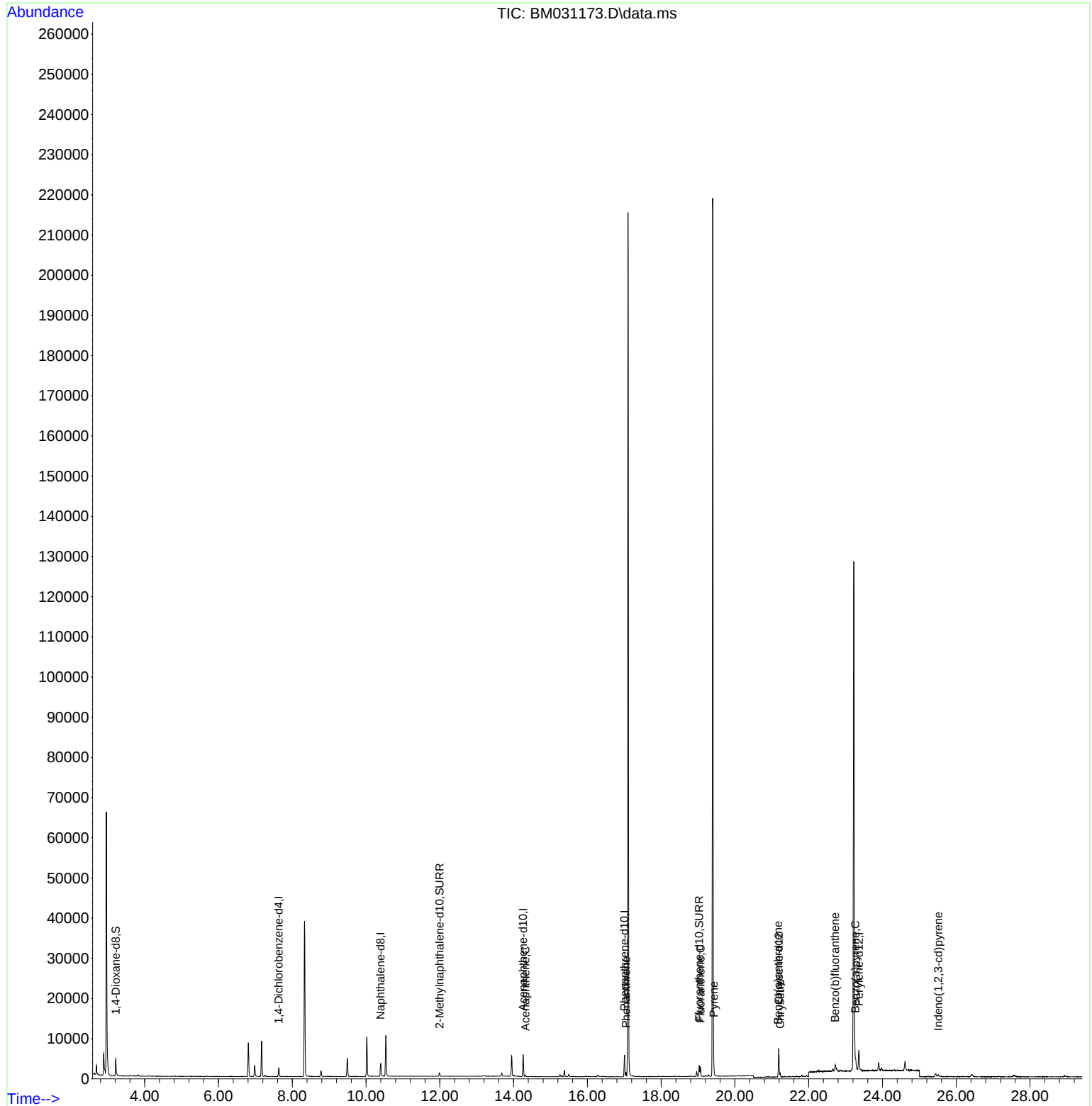
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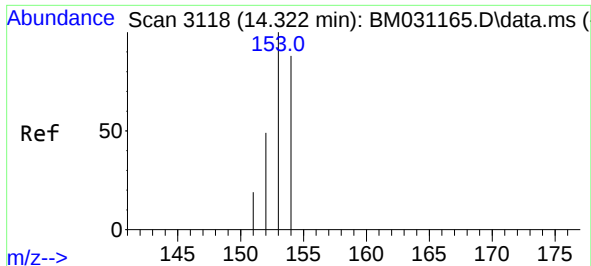
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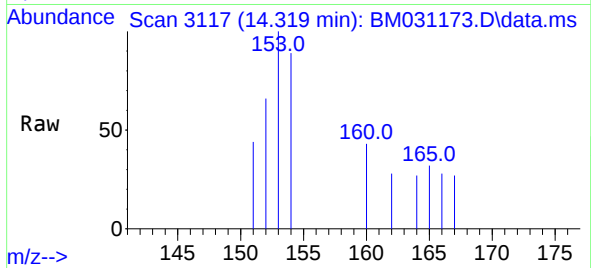
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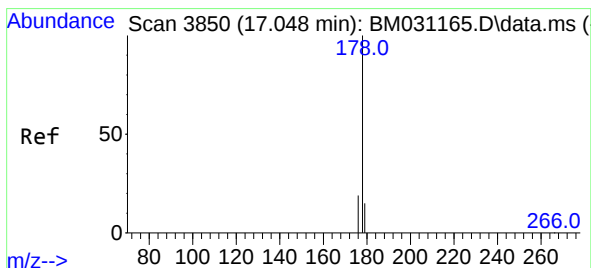
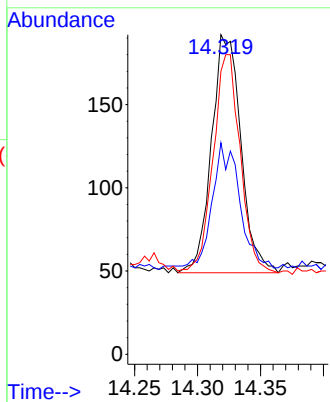
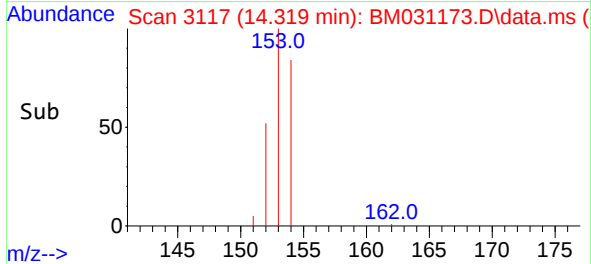




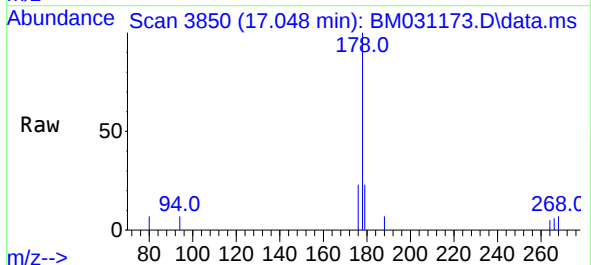
#11
Acenaphthene
Concen: 0.021 ng/u1
RT: 14.319 min Scan# 3117
Delta R.T. -0.011 min
Lab File: BM031173.D
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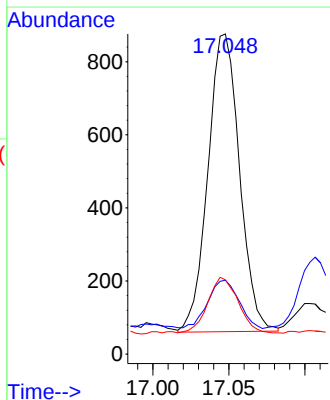
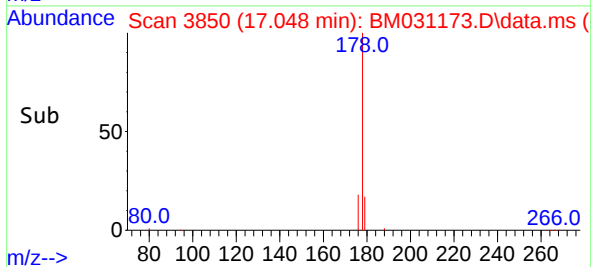
Tgt Ion:153 Resp: 232
Ion Ratio Lower Upper
153 100
152 66.1 39.4 59.2#
154 88.5 68.2 102.4



#15
Phenanthrene
Concen: 0.058 ng/u1
RT: 17.048 min Scan# 3850
Delta R.T. -0.007 min
Lab File: BM031173.D
Acq: 26 Jul 2021 21:28



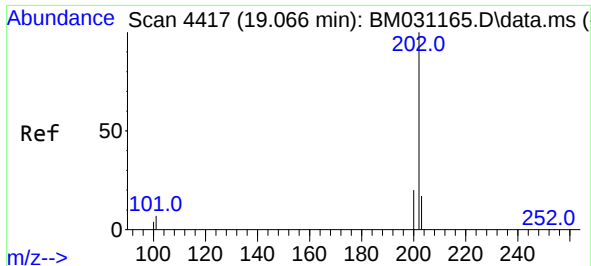
Tgt Ion:178 Resp: 1177
Ion Ratio Lower Upper
178 100
179 23.1 13.3 19.9#
176 23.2 15.4 23.2#



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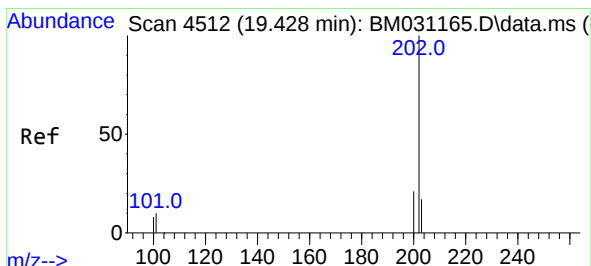
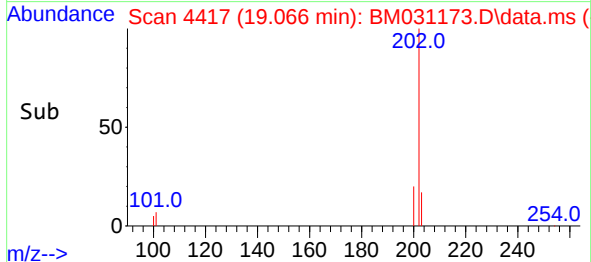
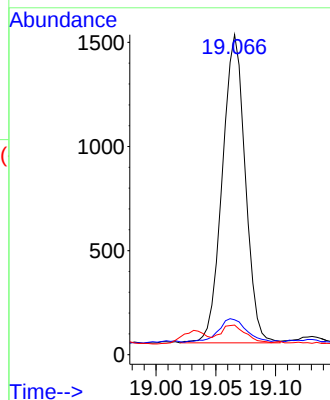
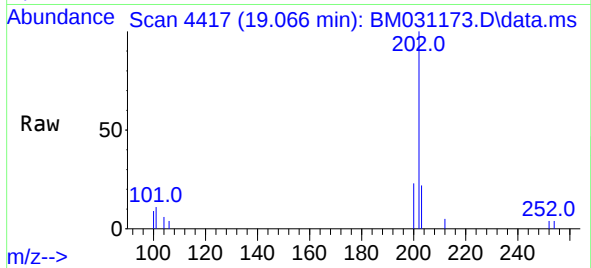
#19
Fluoranthene
Concen: 0.080 ng/ul
RT: 19.066 min Scan# 4417
Delta R.T. -0.008 min
Lab File: BM031173.D
Acq: 26 Jul 2021 21:28

Tgt Ion:	202	Resp:	1982
Ion Ratio	Lower	Upper	
202	100		
101	10.9	6.0	9.0#
100	9.2	4.8	7.2#

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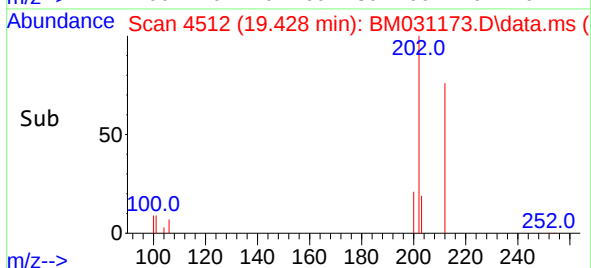
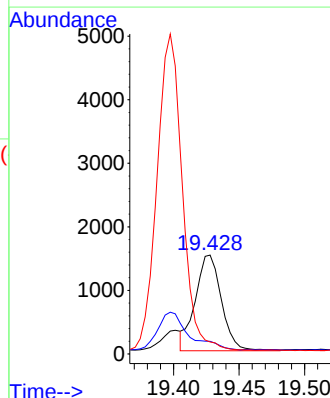
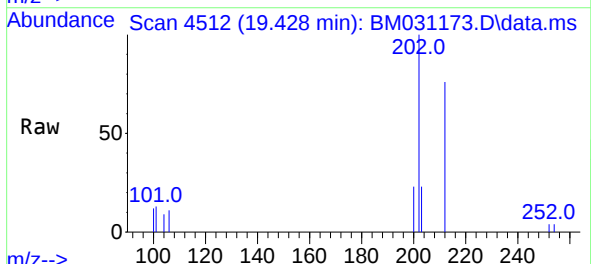
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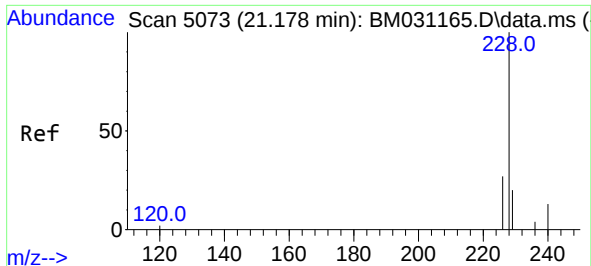
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#20
Pyrene
Concen: 0.083 ng/ul m
RT: 19.428 min Scan# 4512
Delta R.T. -0.008 min
Lab File: BM031173.D
Acq: 26 Jul 2021 21:28

Tgt Ion:	202	Resp:	2085
Ion Ratio	Lower	Upper	
202	100		
101	12.7	7.4	11.0#
100	12.2	6.0	9.0#





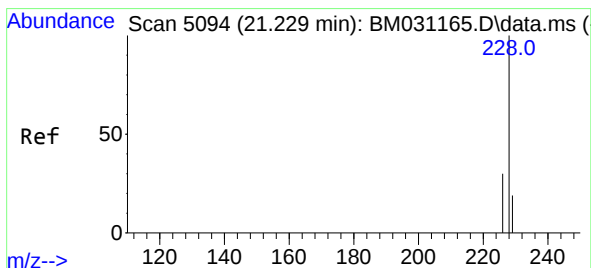
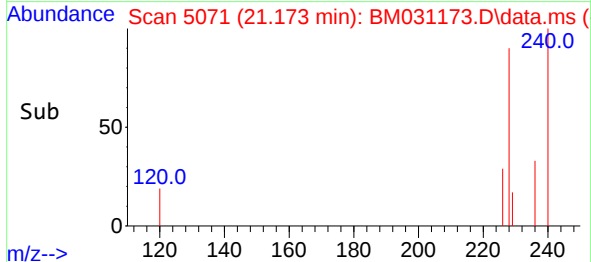
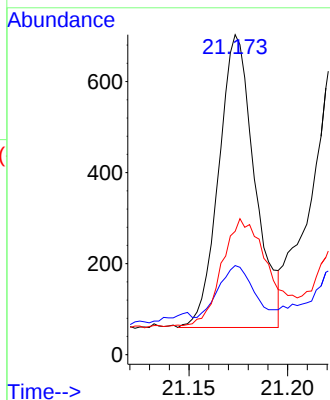
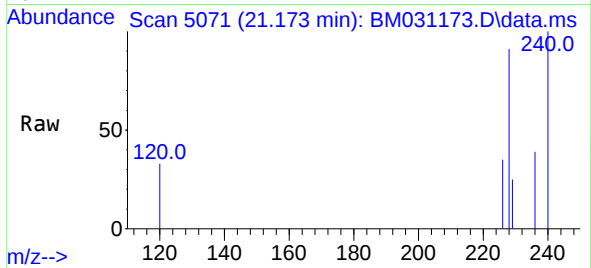
#21
Benzo(a)anthracene
Concen: 0.033 ng/u1
RT: 21.173 min Scan# 5071
Delta R.T. -0.010 min
Lab File: BM031173.D
Acq: 26 Jul 2021 21:28

Tgt Ion:228 Resp: 817
Ion Ratio Lower Upper
228 100
229 27.9 16.0 24.0#
226 38.5 21.4 32.2#

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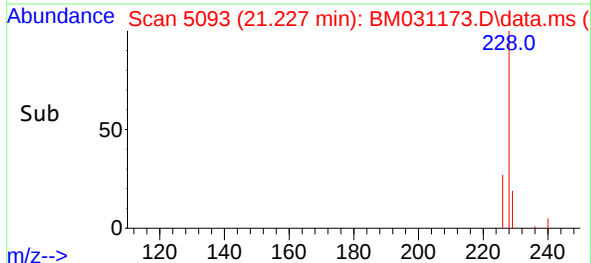
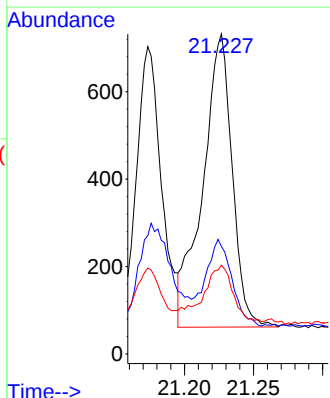
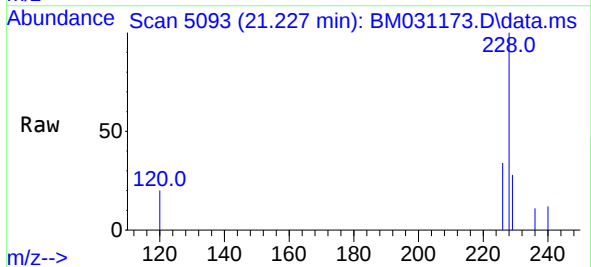
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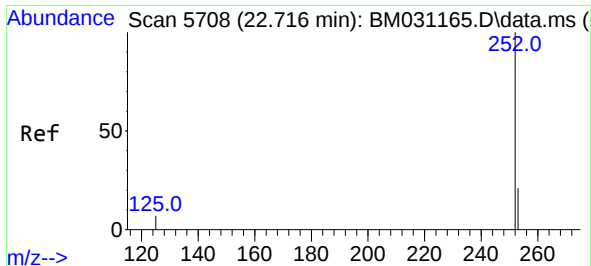
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#22
Chrysene
Concen: 0.038 ng/u1
RT: 21.227 min Scan# 5093
Delta R.T. -0.007 min
Lab File: BM031173.D
Acq: 26 Jul 2021 21:28

Tgt Ion:228 Resp: 997
Ion Ratio Lower Upper
228 100
226 33.6 24.5 36.7
229 27.7 15.8 23.8#





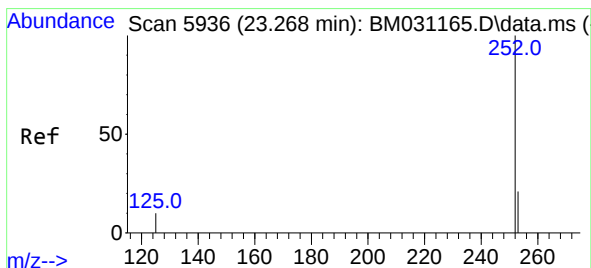
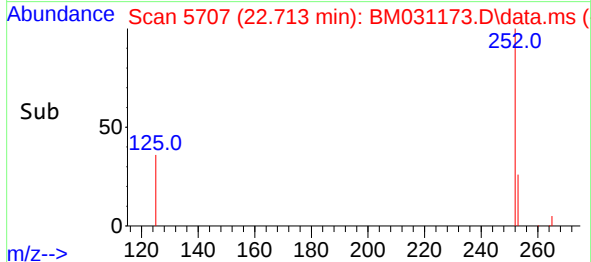
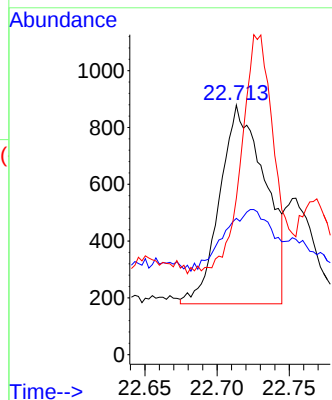
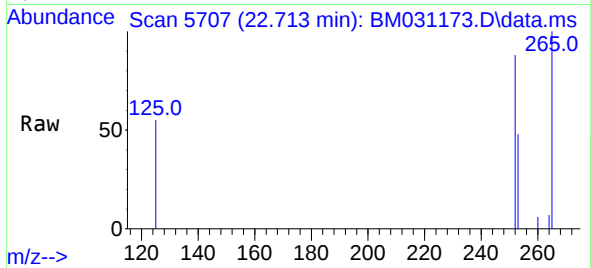
#24
Benzo(b)fluoranthene
Concen: 0.051 ng/ul m
RT: 22.713 min Scan# 5707
Delta R.T. -0.012 min
Lab File: BM031173.D
Acq: 26 Jul 2021 21:28

Tgt Ion:252 Resp: 1530
Ion Ratio Lower Upper
252 100
253 54.6 0.0 52.8#
125 62.7 0.0 20.2#

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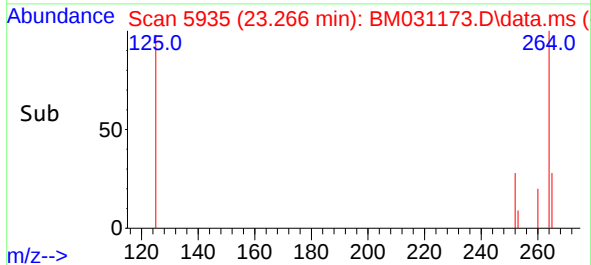
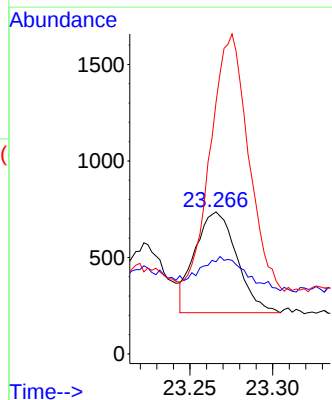
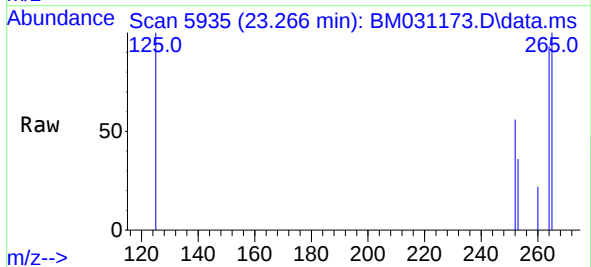
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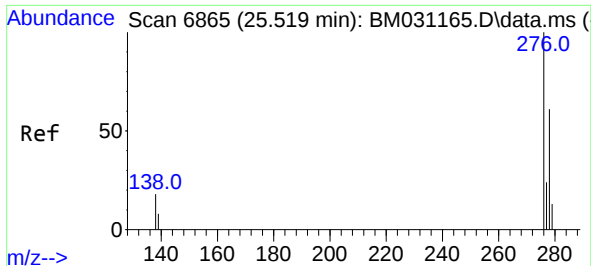
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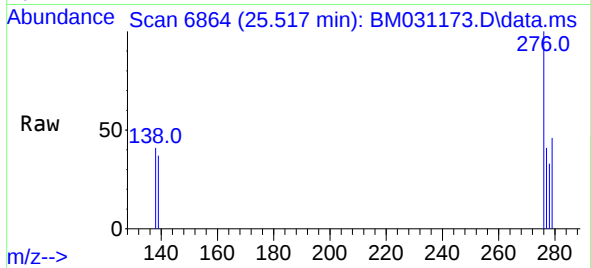
#26
Benzo(a)pyrene
Concen: 0.035 ng/ul
RT: 23.266 min Scan# 5935
Delta R.T. -0.015 min
Lab File: BM031173.D
Acq: 26 Jul 2021 21:28

Tgt Ion:252 Resp: 916
Ion Ratio Lower Upper
252 100
253 64.8 23.1 34.7#
125 177.3 10.7 16.1#

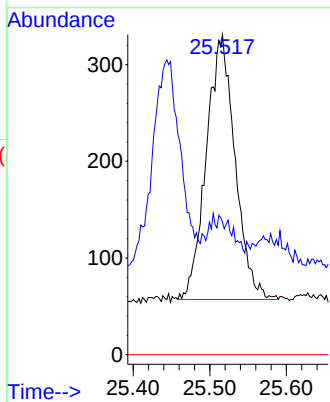
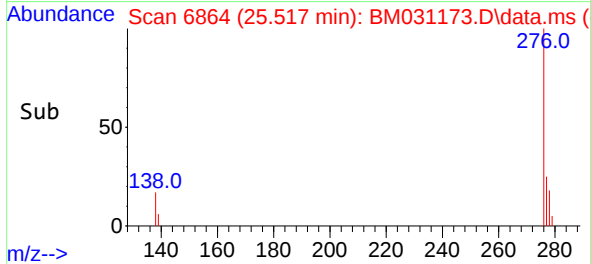




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.021 ng/ul
 RT: 25.517 min Scan# 6864
 Delta R.T. -0.017 min
 Lab File: BM031173.D
 Acq: 26 Jul 2021 21:28



Tgt Ion: 276 Resp: 713
 Ion Ratio Lower Upper
 276 100
 138 0.0 15.4 23.0#
 227 0.0 0.0 0.0



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