

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080521\
 Data File : BM031551.D
 Acq On : 07 Aug 2021 14:48
 Operator : CG/JU
 Sample : M3124-02DL 5X
 Misc :
 ALS Vial : 77 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0085DL

Manual Integrations
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Quant Time: Aug 08 04:01:54 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 06 18:39:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.583	152	1527	0.400	ng/ul	0.00
4) Naphthalene-d8	10.347	136	5592	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.216	164	3075	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.968	188	5748	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.161	240	4679	0.400	ng/ul	# 0.00
23) Perylene-d12	23.319	264	4655	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.192	96	823	0.485	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.944	152	249	0.026	ng/ul	0.00
18) Fluoranthene-d10	18.997	212	501	0.032	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.397	128	1122	0.067	ng/ul#	88
7) 2-Methylnaphthalene	12.016	142	1032	0.091	ng/ul	98
8) 1-Methylnaphthalene	12.241	142	595	0.053	ng/ul	97
10) Acenaphthylene	13.941	152	992	0.076	ng/ul#	88
11) Acenaphthene	14.280	153	238	0.022	ng/ul#	89
12) Fluorene	15.274	166	494	0.039	ng/ul#	92
15) Phenanthrene	17.006	178	9885	0.542	ng/ul	99
16) Anthracene	17.100	178	1936	0.113	ng/ul#	93
19) Fluoranthene	19.027	202	24041	1.203	ng/ul#	96
20) Pyrene	19.393	202	14208	0.701	ng/ul	96
21) Benzo(a)anthracene	21.147	228	9783	0.518	ng/ul	95
22) Chrysene	21.197	228	11590	0.593	ng/ul	97
24) Benzo(b)fluoranthene	22.679	252	15746m	0.751	ng/ul	
25) Benzo(k)fluoranthene	22.716	252	5759m	0.266	ng/ul	
26) Benzo(a)pyrene	23.224	252	4494	0.245	ng/ul#	78
27) Indeno(1,2,3-cd)pyrene	25.451	276	4719	0.199	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.461	278	1758	0.092	ng/ul#	58

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

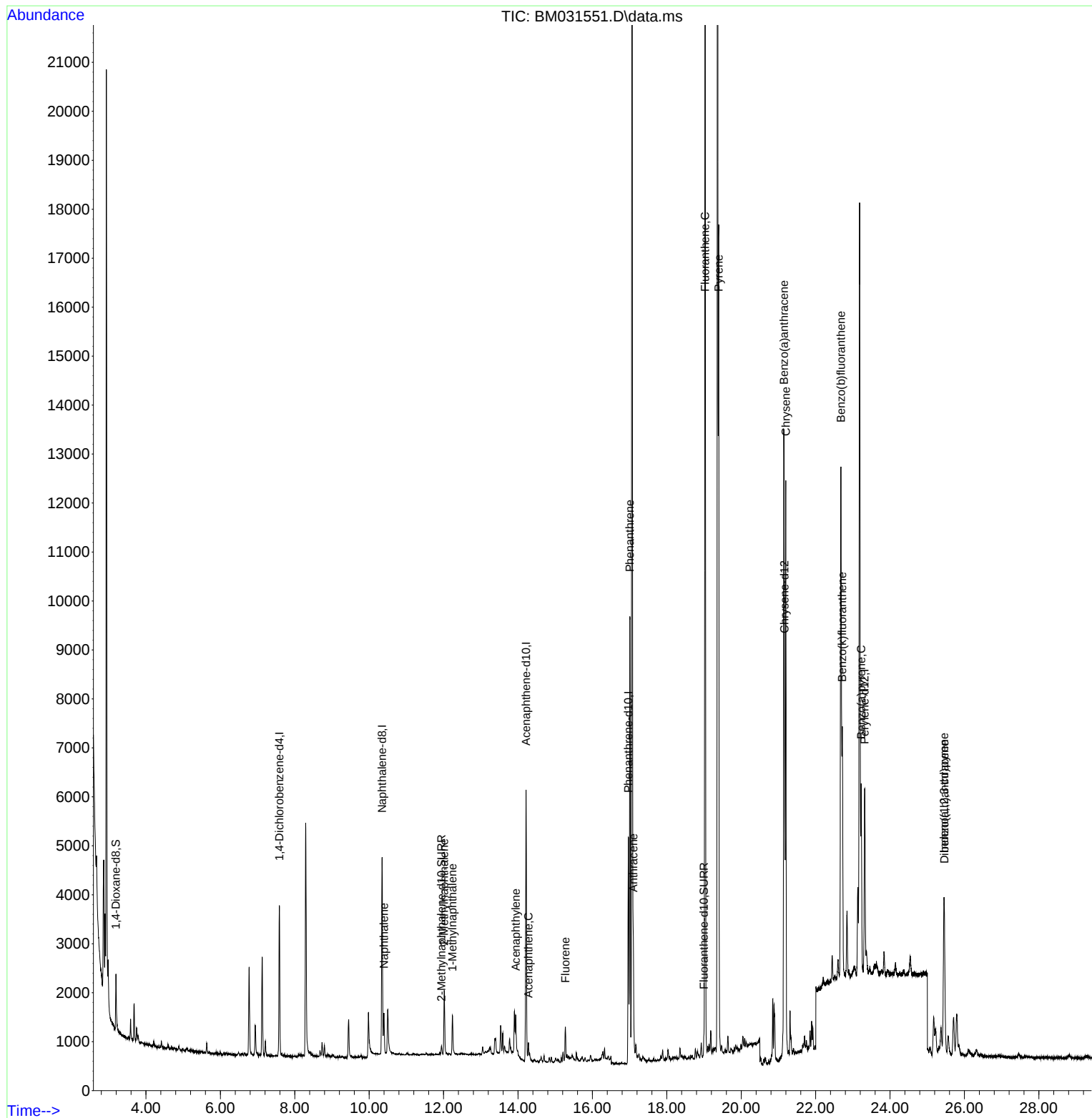
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080521\
Data File : BM031551.D
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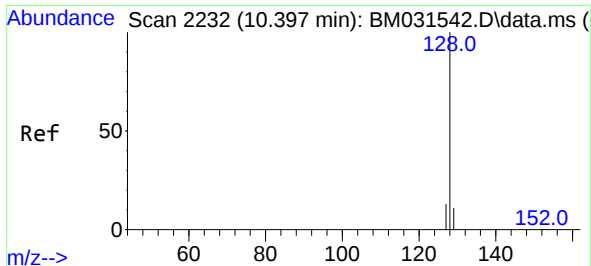
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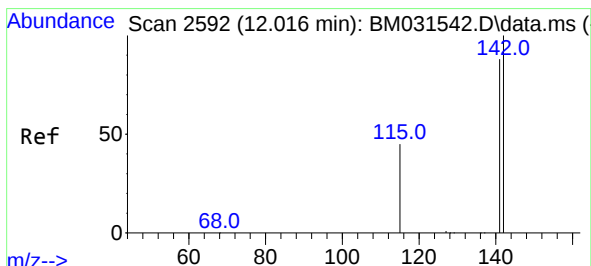
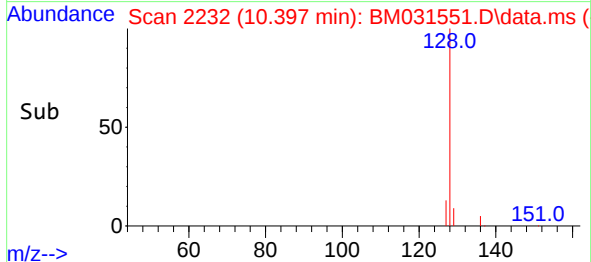
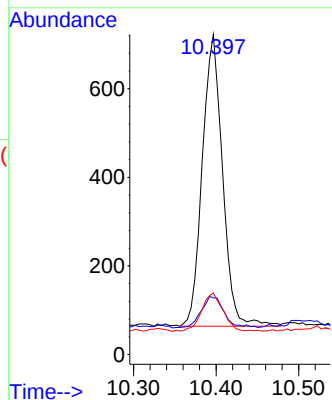
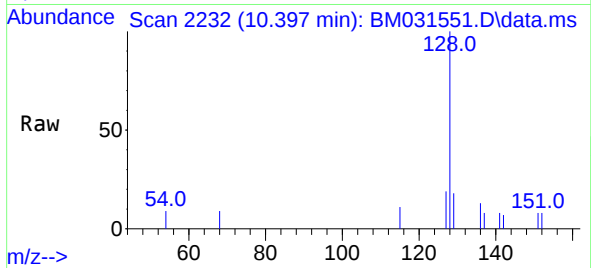
#5
Naphthalene
Concen: 0.067 ng/ul
RT: 10.397 min Scan# 2232
Delta R.T. 0.001 min
Lab File: BM031551.D
Acq: 07 Aug 2021 14:48

Tgt Ion:	128	Resp:	1122
Ion	Ratio	Lower	Upper
128	100		
129	17.7	10.0	15.0#
127	19.3	11.6	17.4#

Instrument :
BNA_M
ClientSampled :
C0085DL

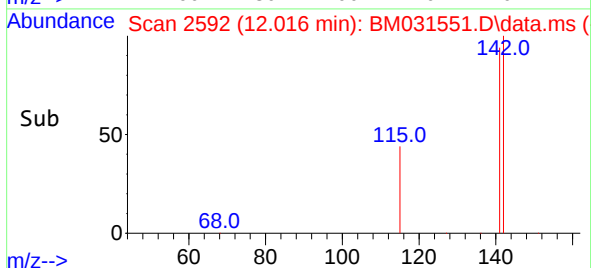
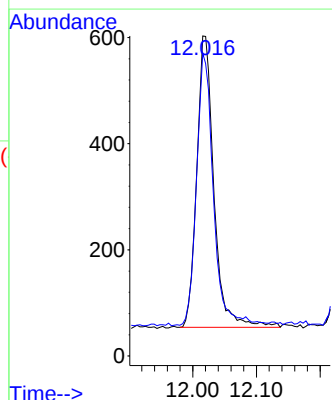
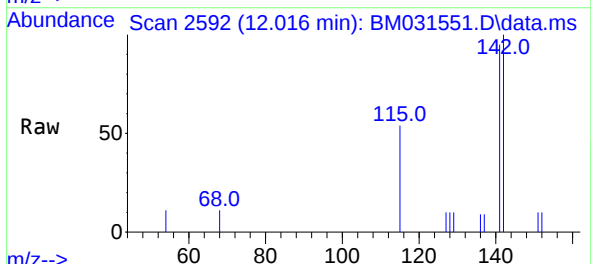
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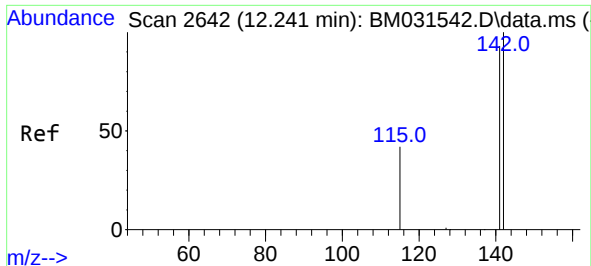
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#7
2-Methylnaphthalene
Concen: 0.091 ng/ul
RT: 12.016 min Scan# 2592
Delta R.T. -0.004 min
Lab File: BM031551.D
Acq: 07 Aug 2021 14:48

Tgt Ion:	142	Resp:	1032
Ion	Ratio	Lower	Upper
142	100		
141	91.1	71.4	107.0





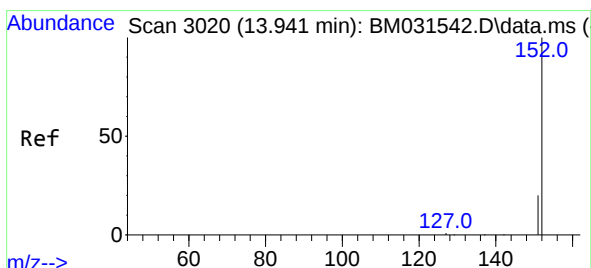
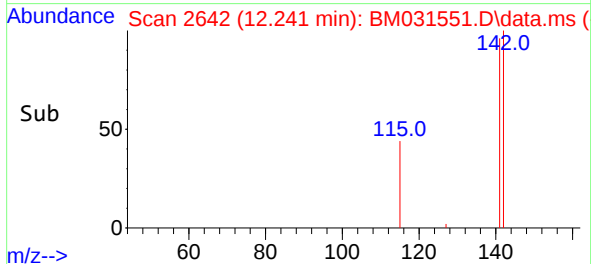
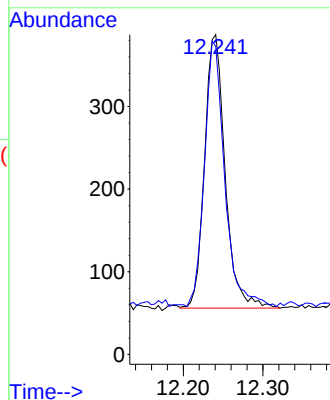
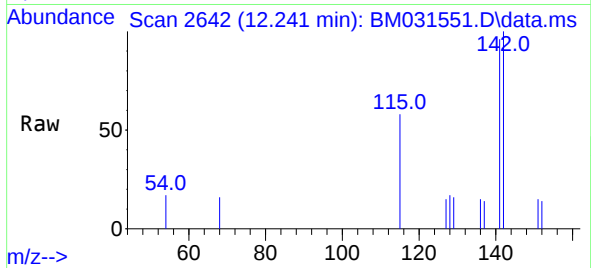
#8
1-Methylnaphthalene
Concen: 0.053 ng/ul
RT: 12.241 min Scan# 2642
Delta R.T. 0.001 min
Lab File: BM031551.D
Acq: 07 Aug 2021 14:48

Tgt Ion:142 Resp: 595
Ion Ratio Lower Upper
142 100
141 95.1 74.1 111.1

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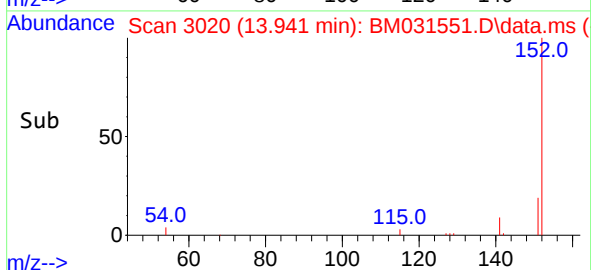
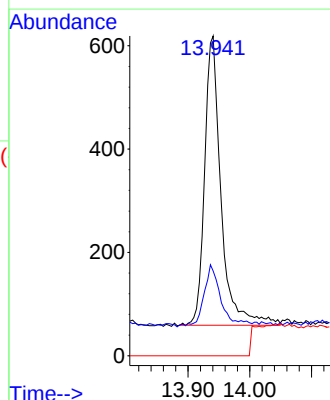
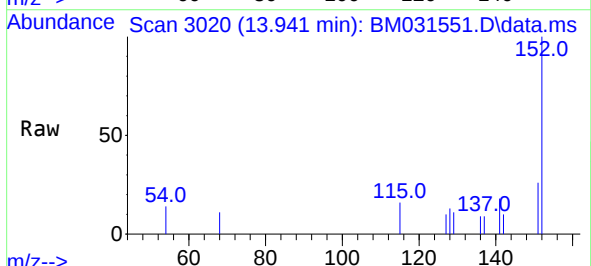
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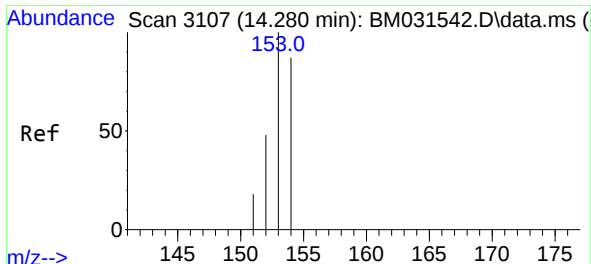
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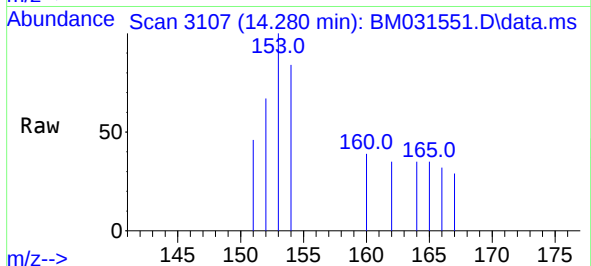
#10
Acenaphthylene
Concen: 0.076 ng/ul
RT: 13.941 min Scan# 3020
Delta R.T. 0.001 min
Lab File: BM031551.D
Acq: 07 Aug 2021 14:48

Tgt Ion:152 Resp: 992
Ion Ratio Lower Upper
152 100
151 26.5 16.9 25.3#
153 0.0 0.0 0.0

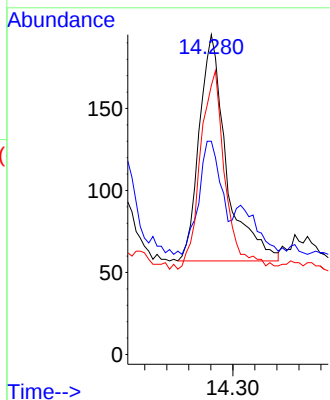
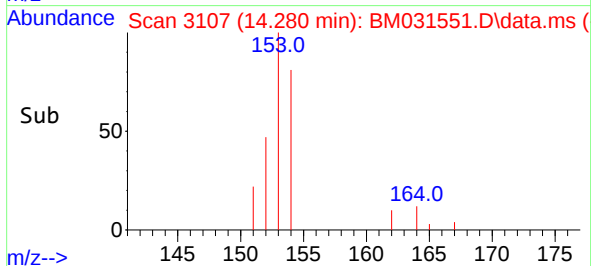




#11
Acenaphthene
Concen: 0.022 ng/u1
RT: 14.280 min Scan# 3107
Delta R.T. -0.004 min
Lab File: BM031551.D
Acq: 07 Aug 2021 14:48



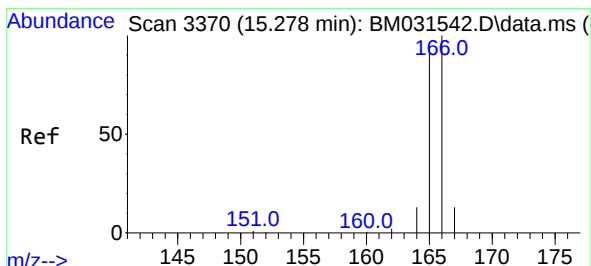
Tgt Ion:153 Resp: 238
Ion Ratio Lower Upper
153 100
152 66.7 40.7 61.1#
154 84.1 70.2 105.2



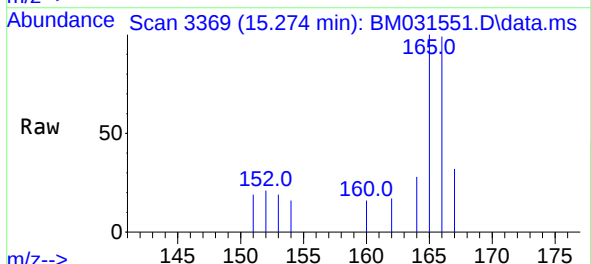
Instrument :
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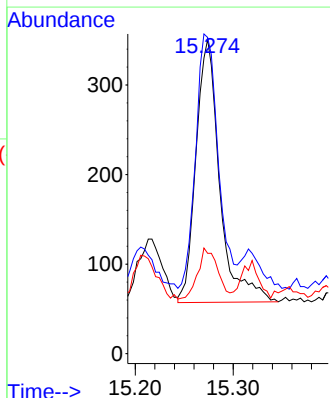
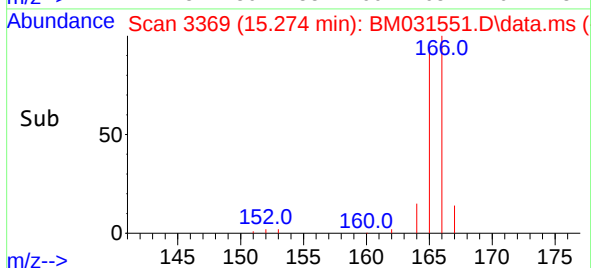
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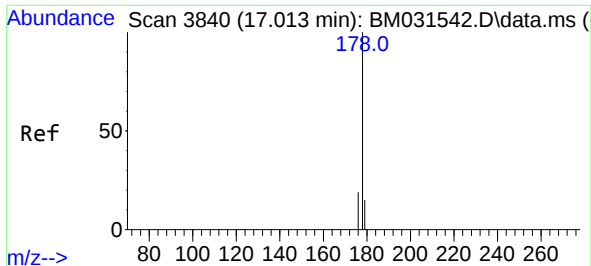


#12
Fluorene
Concen: 0.039 ng/u1
RT: 15.274 min Scan# 3369
Delta R.T. 0.000 min
Lab File: BM031551.D
Acq: 07 Aug 2021 14:48

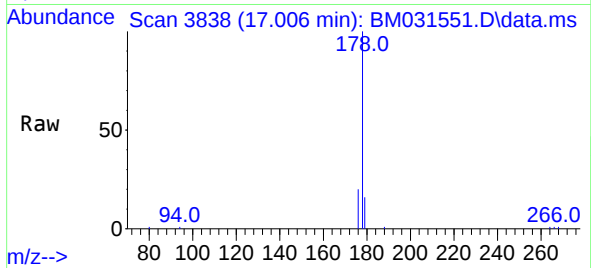


Tgt Ion:166 Resp: 494
Ion Ratio Lower Upper
166 100
165 100.6 78.0 117.0
167 31.9 12.0 18.0#



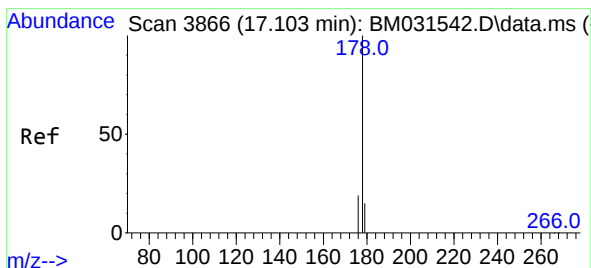
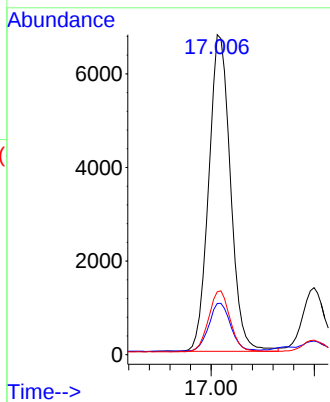
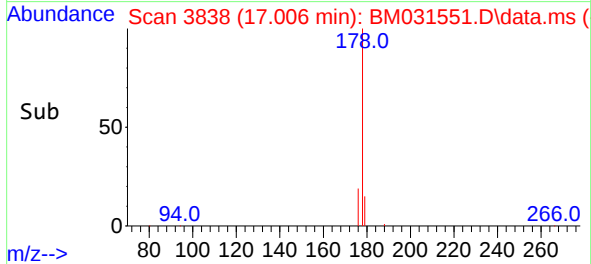


#15
Phenanthrene
Concen: 0.542 ng/ul
RT: 17.006 min Scan# 3838
Delta R.T. -0.007 min
Lab File: BM031551.D
Acq: 07 Aug 2021 14:48

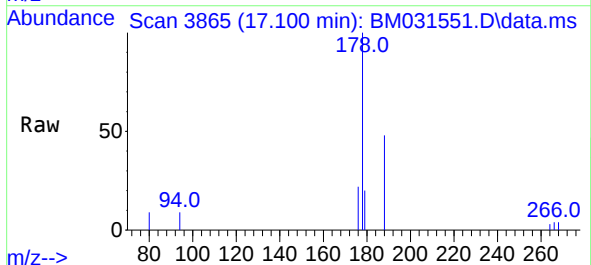


Tgt Ion:178 Resp: 9885

Ion	Ratio	Lower	Upper
178	100		
179	16.0	13.3	19.9
176	19.6	16.2	24.4

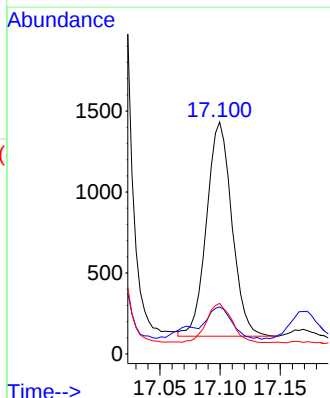
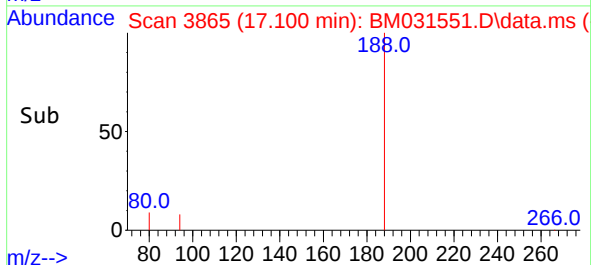


#16
Anthracene
Concen: 0.113 ng/ul
RT: 17.100 min Scan# 3865
Delta R.T. -0.003 min
Lab File: BM031551.D
Acq: 07 Aug 2021 14:48



Tgt Ion:178 Resp: 1936

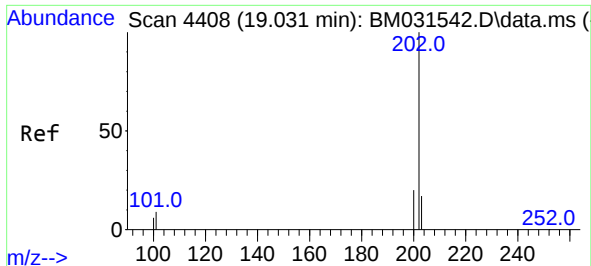
Ion	Ratio	Lower	Upper
178	100		
179	20.3	13.0	19.6#
176	21.8	15.6	23.4



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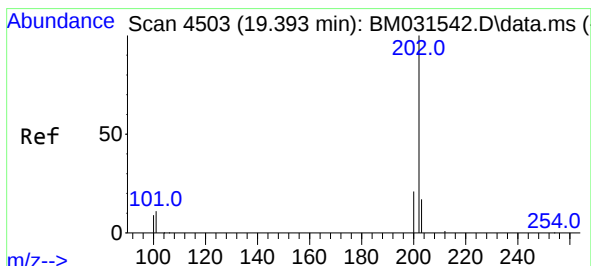
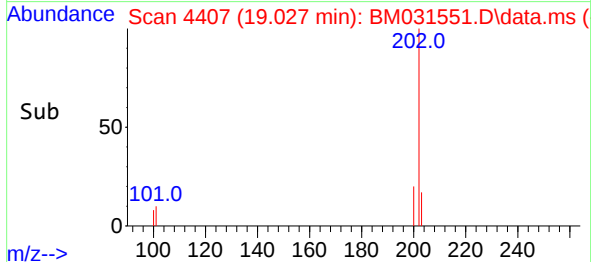
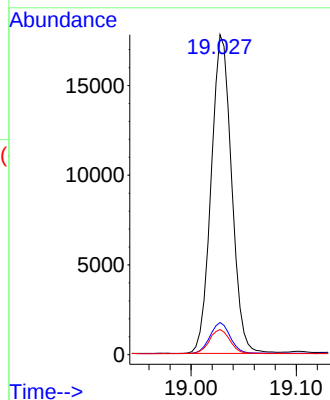
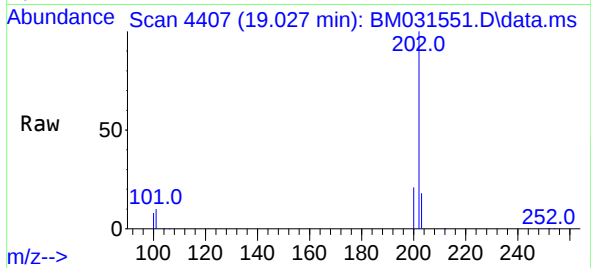
#19
Fluoranthene
Concen: 1.203 ng/ul
RT: 19.027 min Scan# 4407
Delta R.T. -0.004 min
Lab File: BM031551.D
Acq: 07 Aug 2021 14:48

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.0	6.6	10.0#
100	7.9	5.4	8.0

Instrument :
BNA_M
ClientSampleId :
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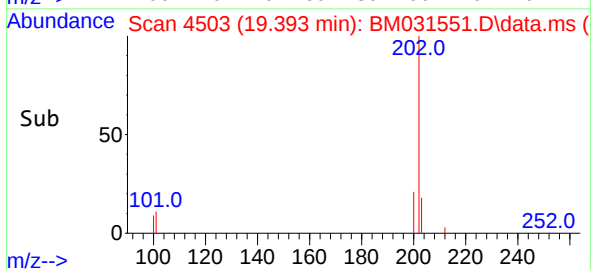
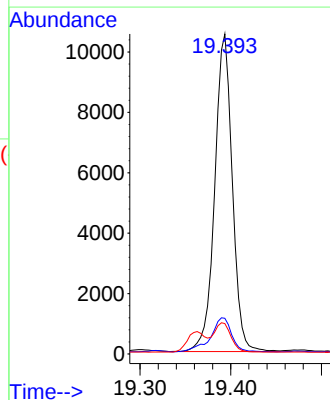
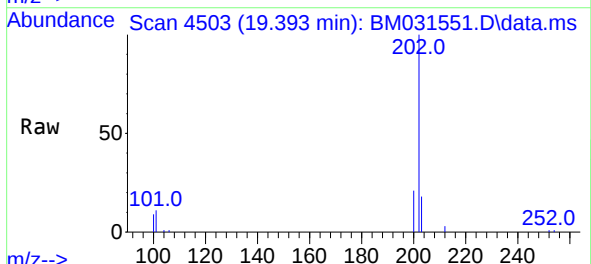
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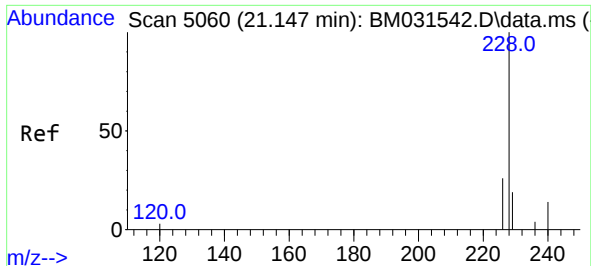
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#20
Pyrene
Concen: 0.701 ng/ul
RT: 19.393 min Scan# 4503
Delta R.T. -0.004 min
Lab File: BM031551.D
Acq: 07 Aug 2021 14:48

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.1	7.8	11.6
100	9.5	6.6	10.0





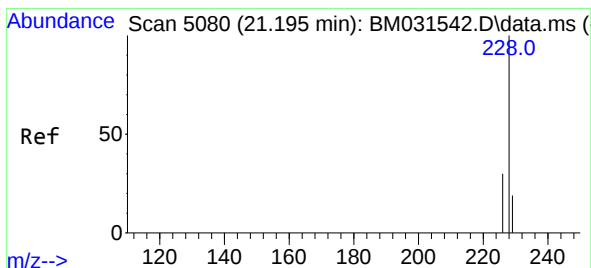
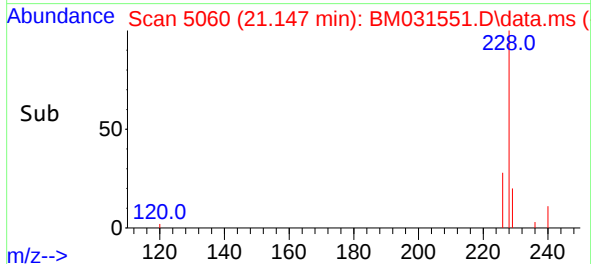
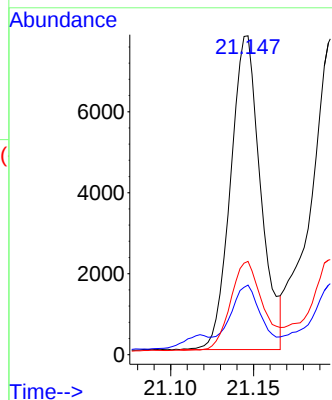
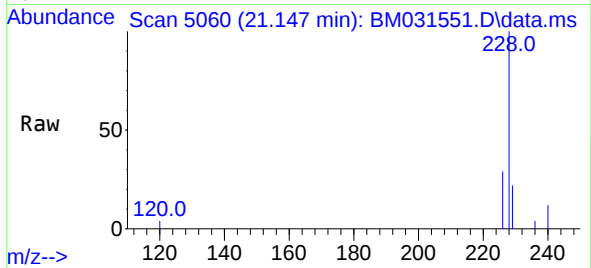
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Benzo(a)anthracene
Concen: 0.518 ng/ul
RT: 21.147 min Scan# 5060
Delta R.T. -0.005 min
Lab File: BM031551.D
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Tgt Ion:	228	Resp:	9783
Ion Ratio	Lower	Upper	
228	100		
229	21.9	15.6	23.4
226	29.3	21.7	32.5

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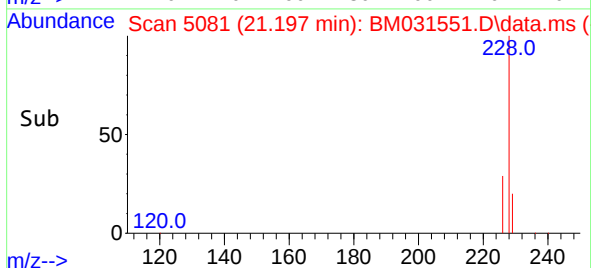
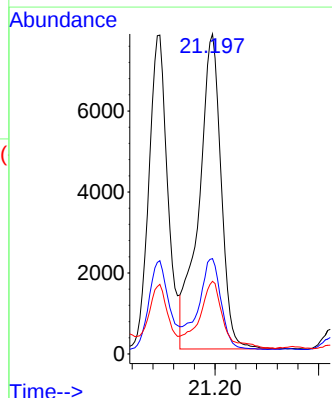
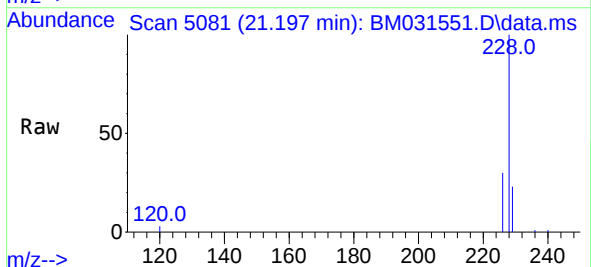
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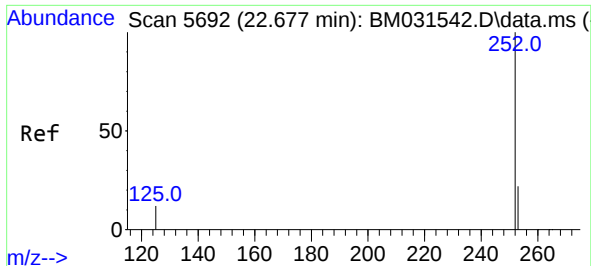
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#22
Chrysene
Concen: 0.593 ng/ul
RT: 21.197 min Scan# 5081
Delta R.T. -0.002 min
Lab File: BM031551.D
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Tgt Ion:	228	Resp:	11590
Ion Ratio	Lower	Upper	
228	100		
226	29.8	24.7	37.1
229	22.7	16.2	24.2





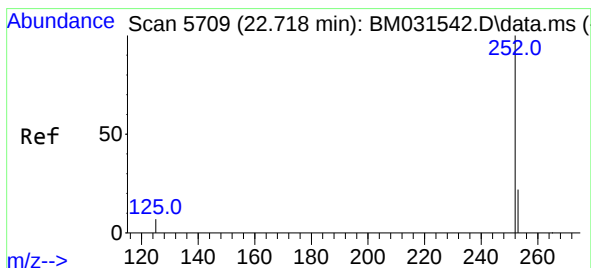
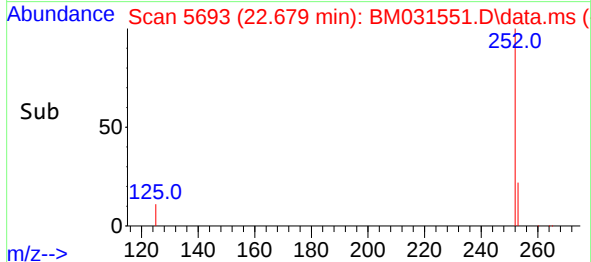
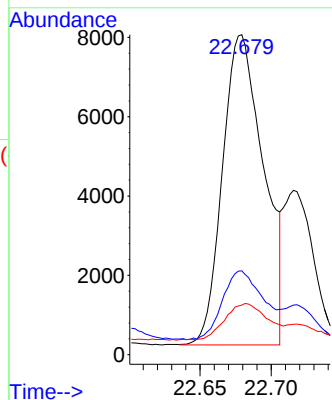
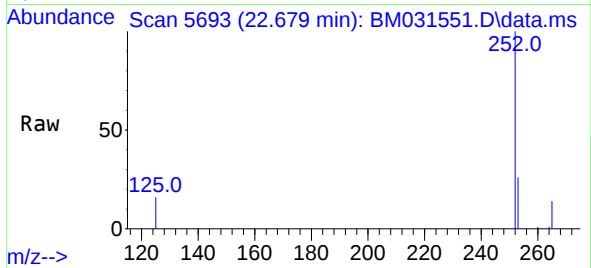
#24
Benzo(b)fluoranthene
Concen: 0.751 ng/ul m
RT: 22.679 min Scan# 5693
Delta R.T. -0.002 min
Lab File: BM031551.D
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Tgt Ion:252	Resp:	15746
Ion Ratio	Lower	Upper
252	100	
253	26.2	0.0 53.0
125	15.5	0.0 22.8

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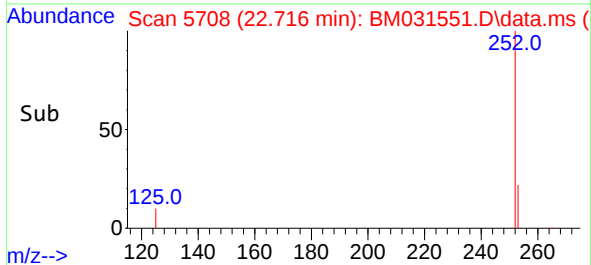
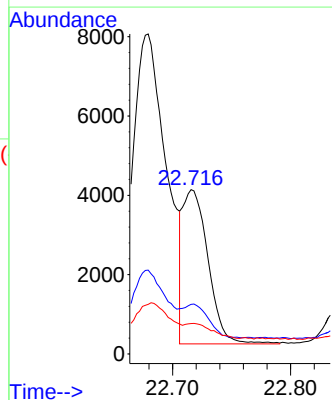
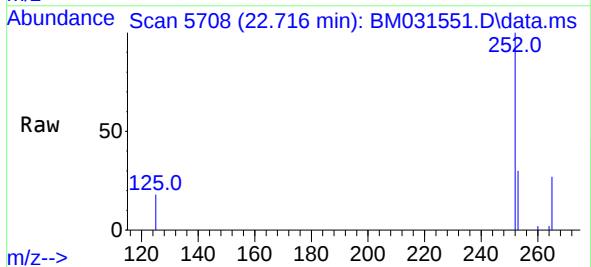
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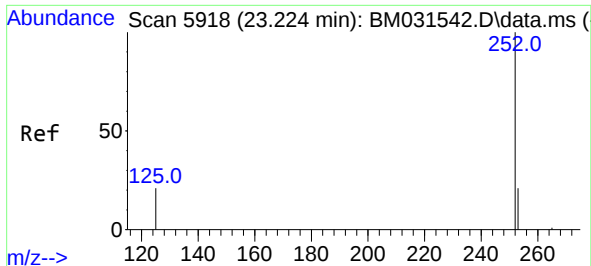
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#25
Benzo(k)fluoranthene
Concen: 0.266 ng/ul m
RT: 22.716 min Scan# 5708
Delta R.T. -0.007 min
Lab File: BM031551.D
Acq: 07 Aug 2021 14:48

Tgt Ion:252	Resp:	5759
Ion Ratio	Lower	Upper
252	100	
253	30.2	21.3 31.9
125	18.5	8.8 13.2#





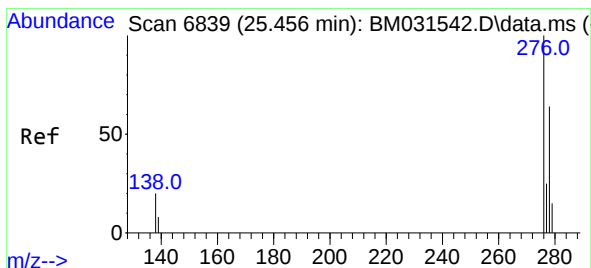
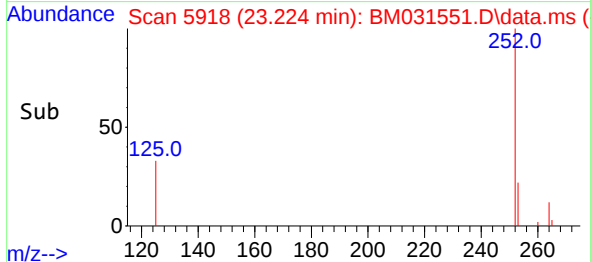
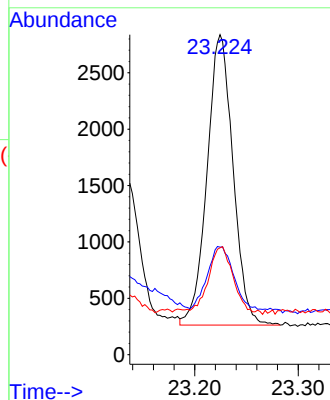
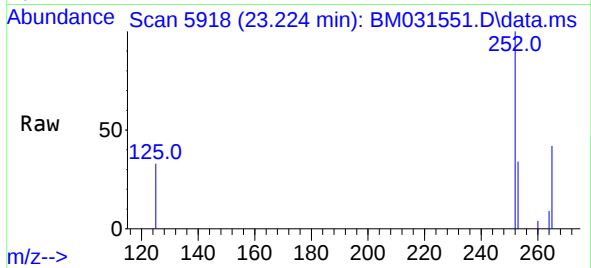
#26
Benzo(a)pyrene
Concen: 0.245 ng/ul
RT: 23.224 min Scan# 5918
Delta R.T. -0.007 min
Lab File: BM031551.D
Acq: 07 Aug 2021 14:48

Tgt Ion:	252	Resp:	4494
Ion Ratio	Lower	Upper	
252	100		
253	33.6	22.4	33.6
125	33.4	13.0	19.4#

Instrument :
BNA_M
ClientSampled :
C0085DL

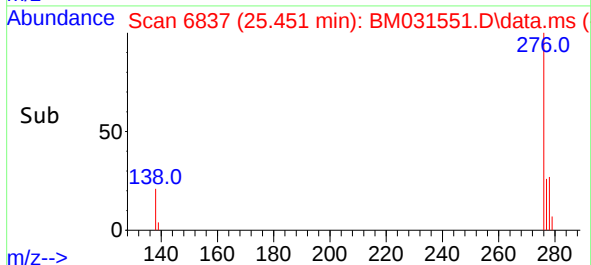
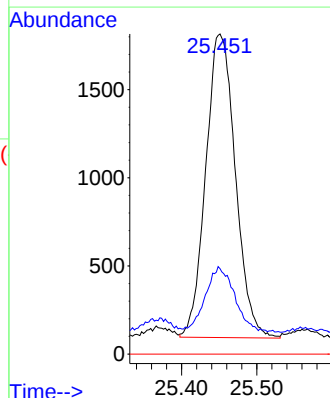
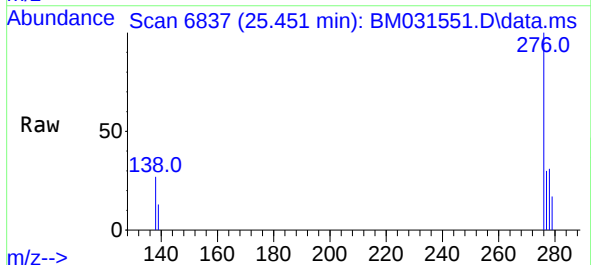
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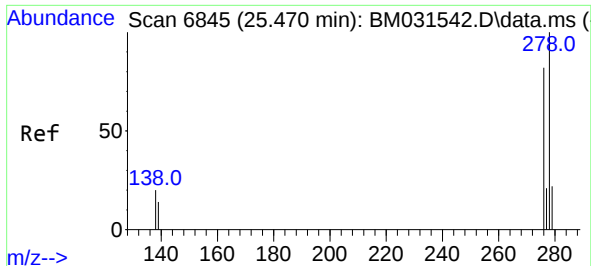
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#27
Indeno(1,2,3-cd)pyrene
Concen: 0.199 ng/ul
RT: 25.451 min Scan# 6837
Delta R.T. -0.012 min
Lab File: BM031551.D
Acq: 07 Aug 2021 14:48

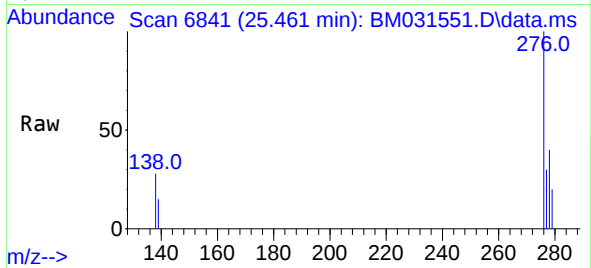
Tgt Ion:	276	Resp:	4719
Ion Ratio	Lower	Upper	
276	100		
138	21.4	15.8	23.8
227	0.0	0.0	0.0





#28
 Dibenzo(a,h)anthracene
 Concen: 0.092 ng/ul
 RT: 25.461 min Scan# 6841
 Delta R.T. -0.014 min
 Lab File: BM031551.D
 Acq: 07 Aug 2021 14:48

Instrument :
 BNA_M
 ClientSampleId :
 C0085DL



Tgt Ion: 278 Resp: 1758
 Ion Ratio Lower Upper
 278 100
 139 36.7 13.3 19.9#
 279 49.0 22.8 34.2#

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