

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080521\
 Data File : BM031553.D
 Acq On : 07 Aug 2021 16:02
 Operator : CG/JU
 Sample : M3124-16DL 5X
 Misc :
 ALS Vial : 79 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0097DL

Manual Integrations
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Quant Time: Aug 08 04:02:09 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	7.587	152	1441	0.400	ng/ul	0.00
4) Naphthalene-d8	10.346	136	5216	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.216	164	2838	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.967	188	5369	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.161	240	4455	0.400	ng/ul	# 0.00
23) Perylene-d12	23.319	264	4519	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.192	96	522	0.326	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.943	152	179	0.020	ng/ul	0.00
18) Fluoranthene-d10	18.997	212	352	0.024	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.396	128	2958	0.190	ng/ul	97
7) 2-Methylnaphthalene	12.019	142	2242	0.211	ng/ul	99
8) 1-Methylnaphthalene	12.240	142	1519	0.145	ng/ul	99
10) Acenaphthylene	13.940	152	4683	0.387	ng/ul	99
11) Acenaphthene	14.280	153	1853	0.182	ng/ul	98
12) Fluorene	15.274	166	4392	0.375	ng/ul	99
15) Phenanthrene	17.006	178	50215	2.945	ng/ul	98
16) Anthracene	17.099	178	12496	0.783	ng/ul	99
19) Fluoranthene	19.027	202	79366	4.172	ng/ul	97
20) Pyrene	19.393	202	61836	3.205	ng/ul	98
21) Benzo(a)anthracene	21.144	228	33508	1.863	ng/ul	98
22) Chrysene	21.195	228	30755	1.652	ng/ul	97
24) Benzo(b)fluoranthene	22.679	252	39916m	1.960	ng/ul	
25) Benzo(k)fluoranthene	22.713	252	14477m	0.688	ng/ul	
26) Benzo(a)pyrene	23.222	252	26968	1.512	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.451	276	17421	0.756	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.458	278	4582	0.247	ng/ul#	82
29) Benzo(g,h,i)perylene	26.098	276	8216	0.418	ng/ul#	95

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

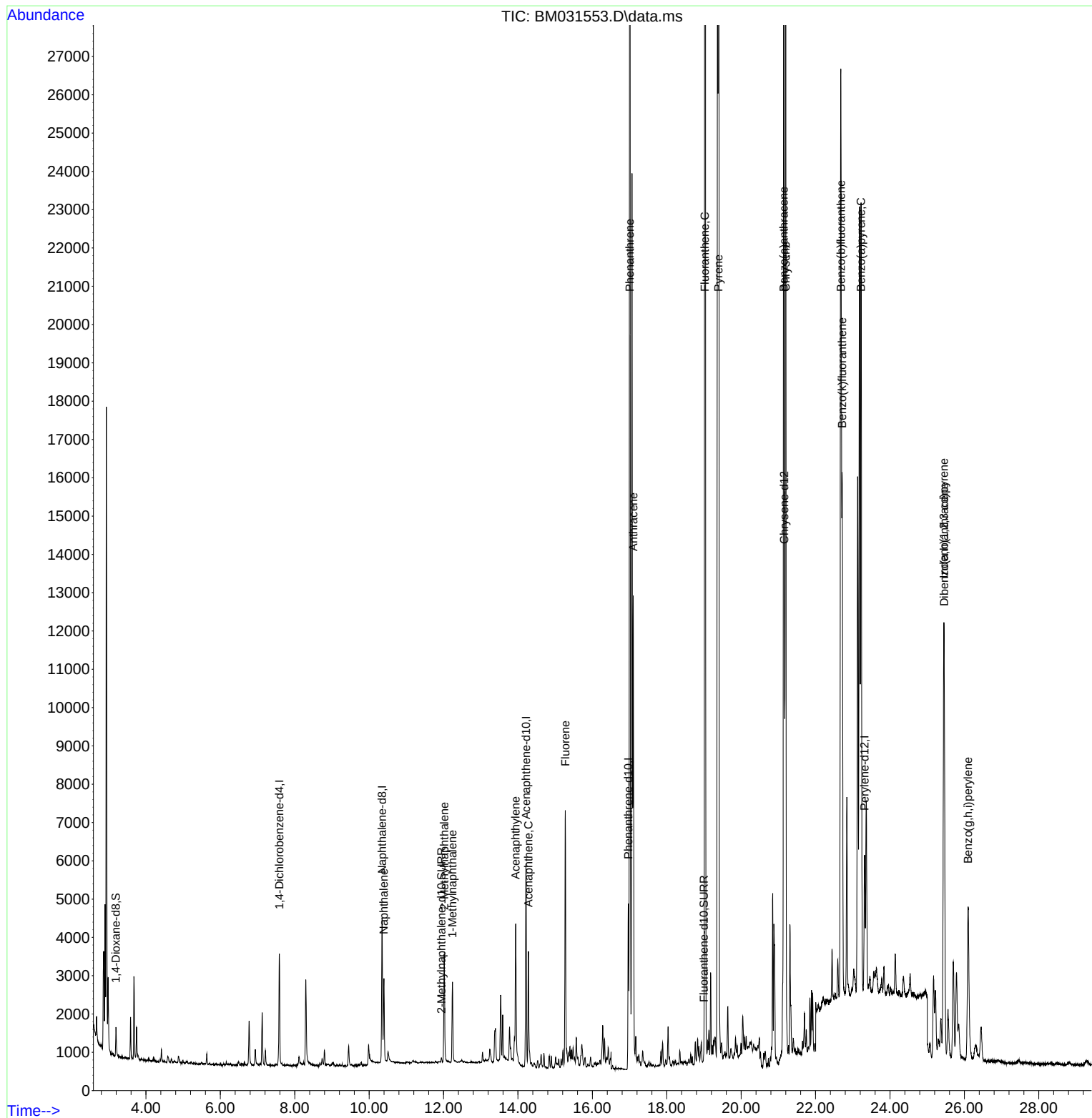
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080521\
Data File : BM031553.D
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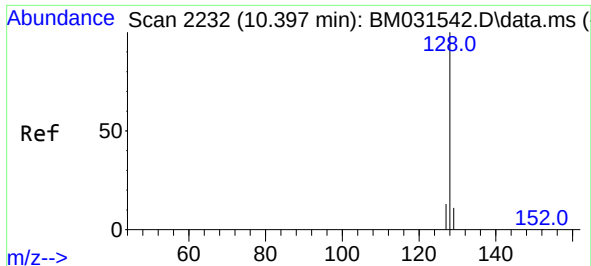
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 06 18:39:21 2021
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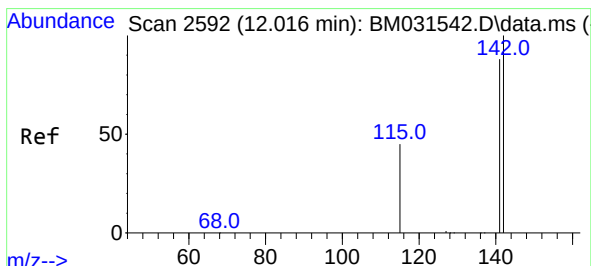
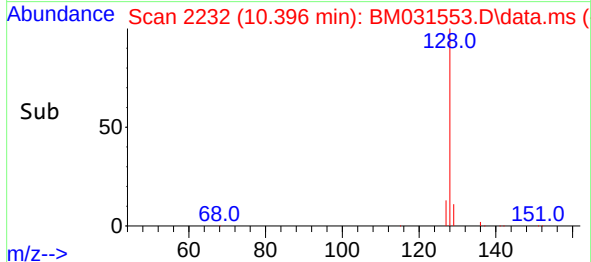
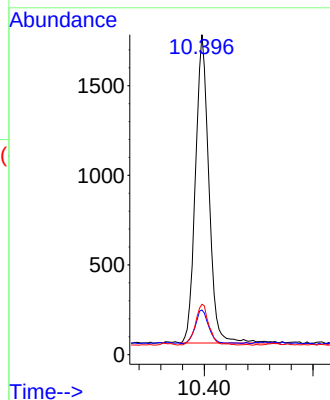
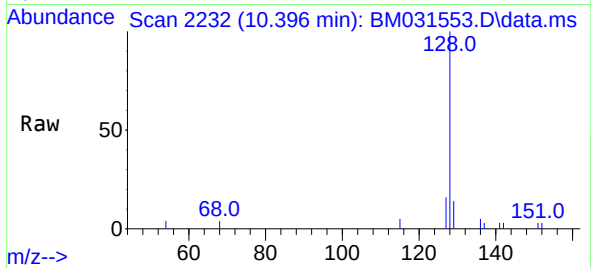
#5
Naphthalene
Concen: 0.190 ng/ul
RT: 10.396 min Scan# 2232
Delta R.T. -0.000 min
Lab File: BM031553.D
Acq: 07 Aug 2021 16:02

Tgt Ion:	128	Resp:	2958
Ion Ratio	Lower	Upper	
128	100		
129	13.9	10.0	15.0
127	15.7	11.6	17.4

Instrument :
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ClientSampled :
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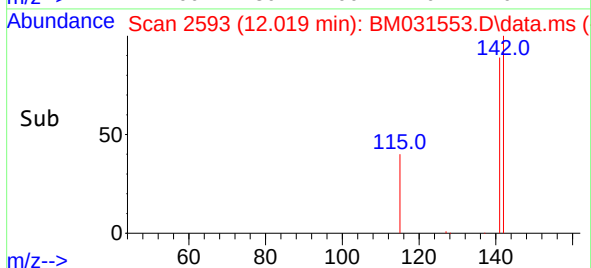
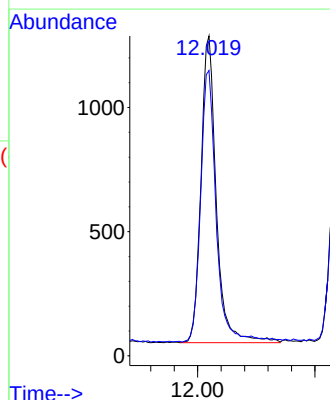
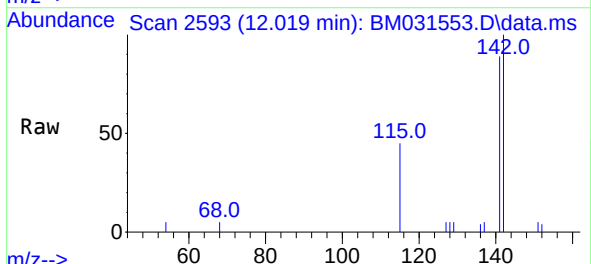
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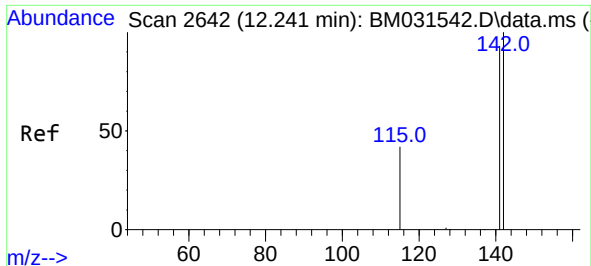
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#7
2-Methylnaphthalene
Concen: 0.211 ng/ul
RT: 12.019 min Scan# 2593
Delta R.T. -0.000 min
Lab File: BM031553.D
Acq: 07 Aug 2021 16:02

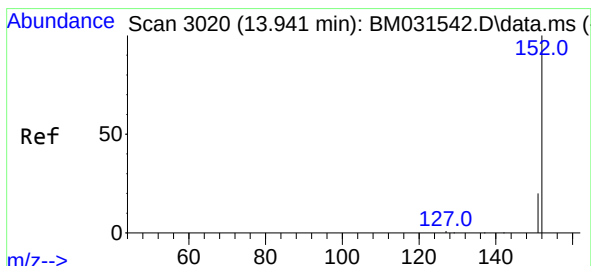
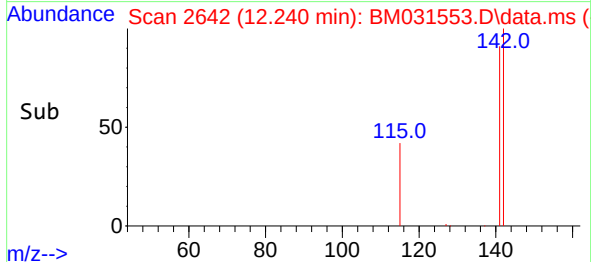
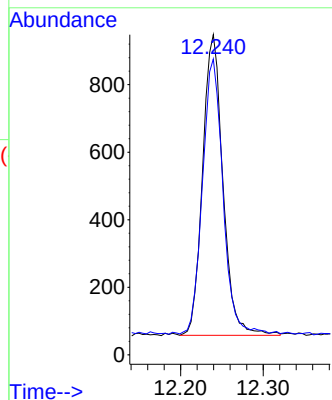
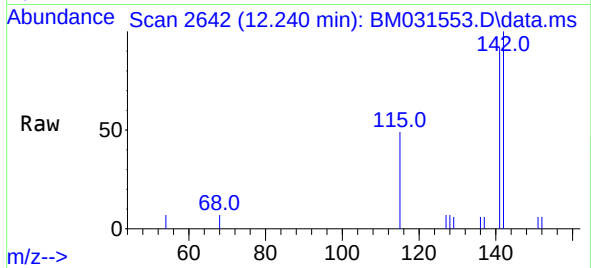
Tgt Ion:	142	Resp:	2242
Ion Ratio	Lower	Upper	
142	100		
141	90.5	71.4	107.0





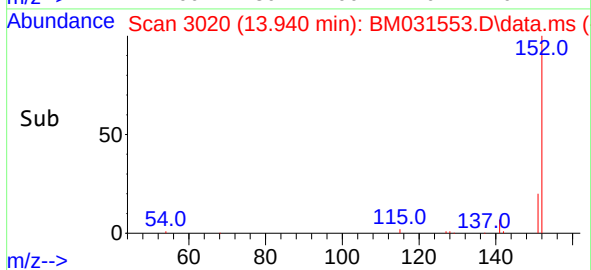
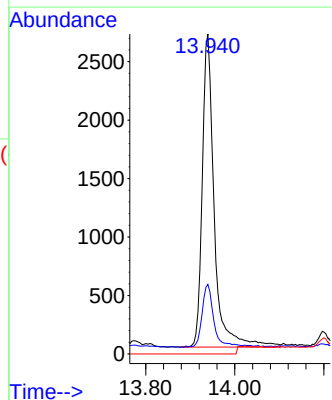
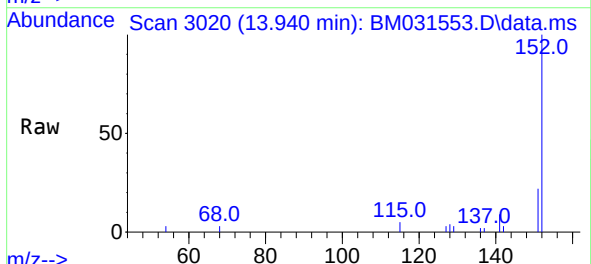
#8
1-Methylnaphthalene
Concen: 0.145 ng/ul
RT: 12.240 min Scan# 2642
Delta R.T. -0.000 min
Lab File: BM031553.D
Acq: 07 Aug 2021 16:02

Tgt Ion:142 Resp: 1519
Ion Ratio Lower Upper
142 100
141 91.4 74.1 111.1



#10
Acenaphthylene
Concen: 0.387 ng/ul
RT: 13.940 min Scan# 3020
Delta R.T. -0.000 min
Lab File: BM031553.D
Acq: 07 Aug 2021 16:02

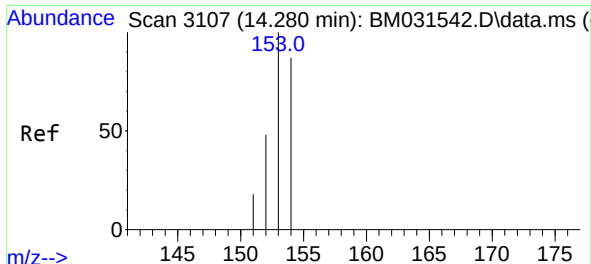
Tgt Ion:152 Resp: 4683
Ion Ratio Lower Upper
152 100
151 21.7 16.9 25.3
153 0.0 0.0 0.0



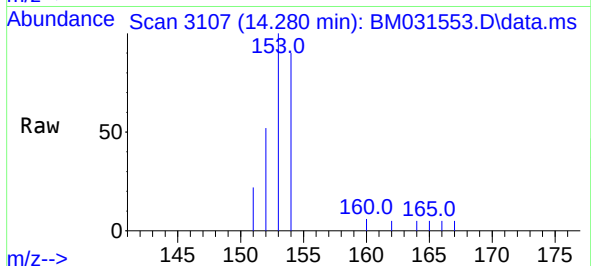
Instrument :
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ClientSampled :
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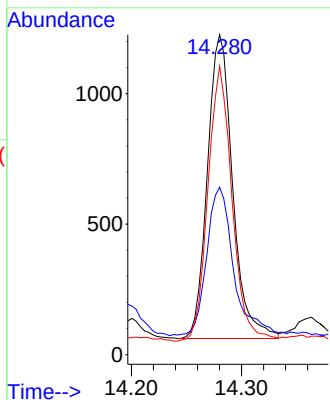
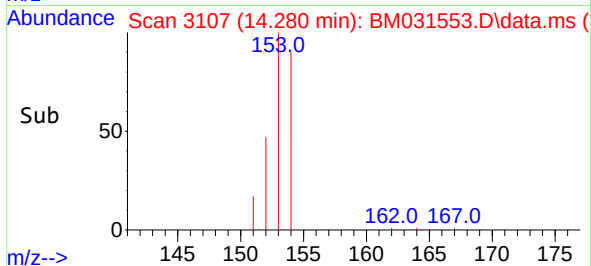
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#11
Acenaphthene
Concen: 0.182 ng/ul
RT: 14.280 min Scan# 3107
Delta R.T. -0.004 min
Lab File: BM031553.D
Acq: 07 Aug 2021 16:02



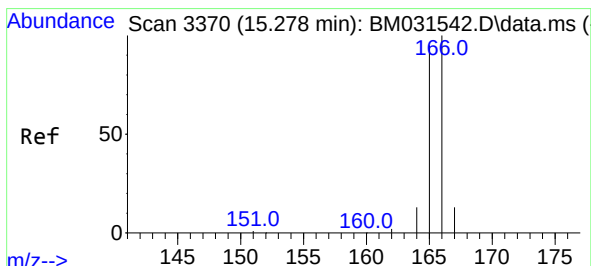
Tgt Ion:153 Resp: 1853
Ion Ratio Lower Upper
153 100
152 52.4 40.7 61.1
154 90.1 70.2 105.2



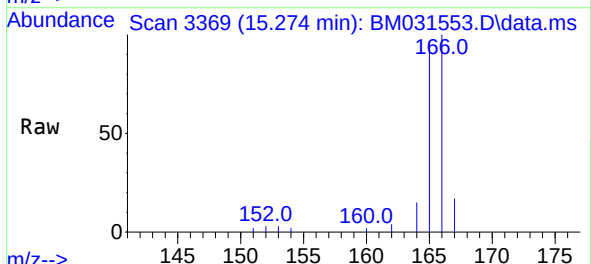
Instrument :
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ClientSampleId :
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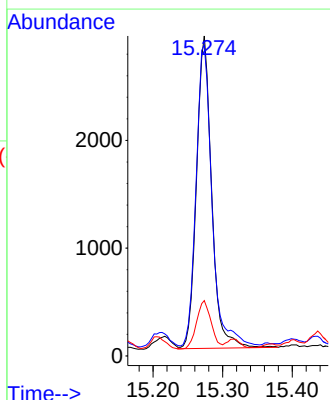
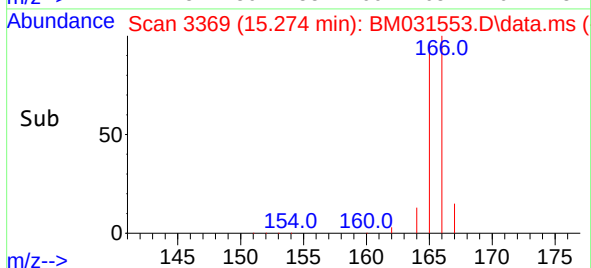
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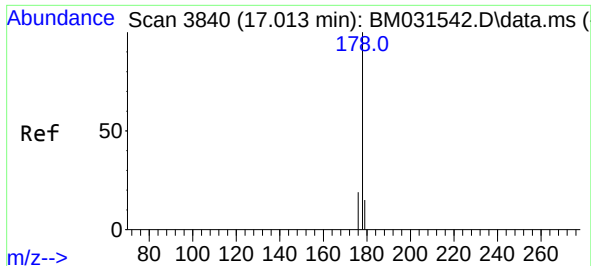


#12
Fluorene
Concen: 0.375 ng/ul
RT: 15.274 min Scan# 3369
Delta R.T. -0.000 min
Lab File: BM031553.D
Acq: 07 Aug 2021 16:02

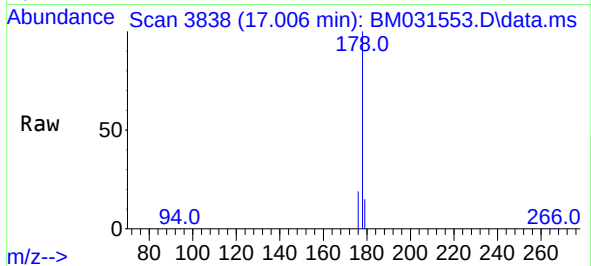


Tgt Ion:166 Resp: 4392
Ion Ratio Lower Upper
166 100
165 97.1 78.0 117.0
167 17.3 12.0 18.0

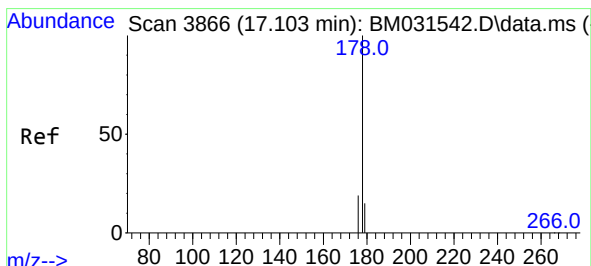
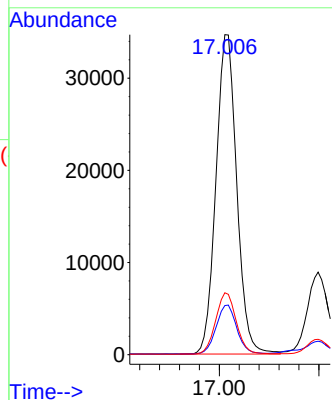
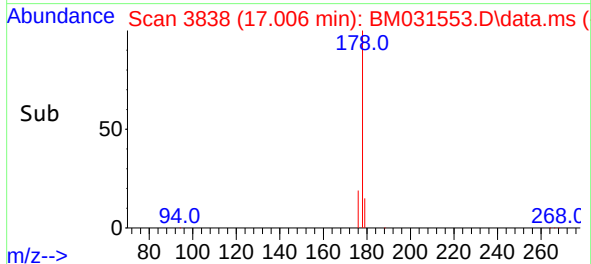




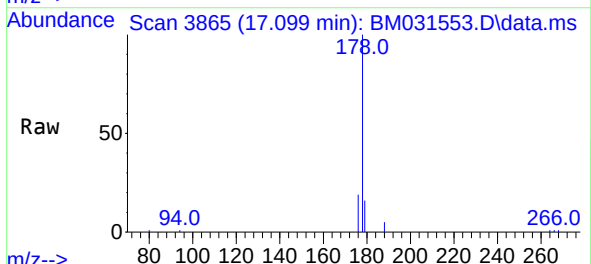
#15
Phenanthrene
Concen: 2.945 ng/u1
RT: 17.006 min Scan# 3838
Delta R.T. -0.007 min
Lab File: BM031553.D
Acq: 07 Aug 2021 16:02



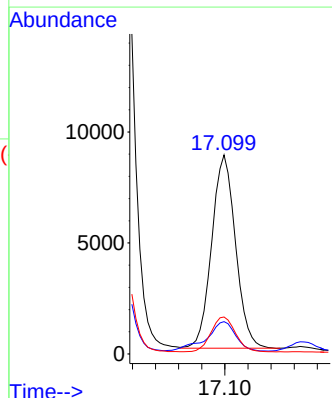
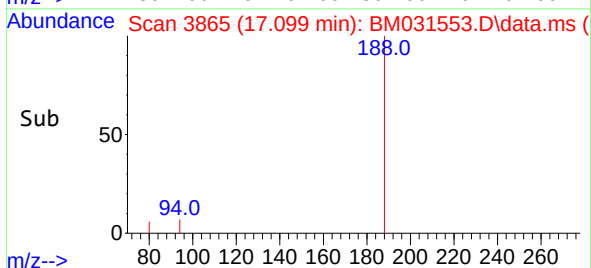
Tgt Ion:178 Resp: 50215
Ion Ratio Lower Upper
178 100
179 15.4 13.3 19.9
176 19.3 16.2 24.4



#16
Anthracene
Concen: 0.783 ng/u1
RT: 17.099 min Scan# 3865
Delta R.T. -0.004 min
Lab File: BM031553.D
Acq: 07 Aug 2021 16:02



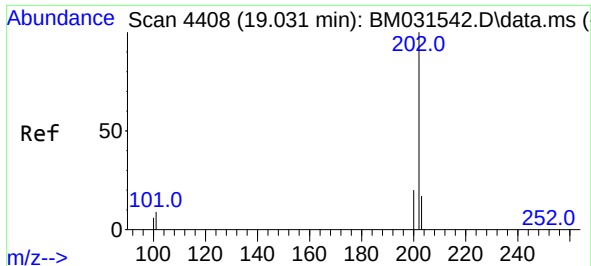
Tgt Ion:178 Resp: 12496
Ion Ratio Lower Upper
178 100
179 16.2 13.0 19.6
176 18.5 15.6 23.4



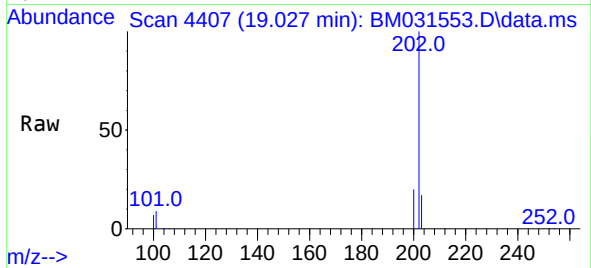
Instrument :
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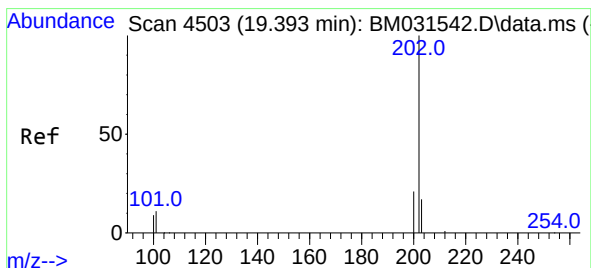
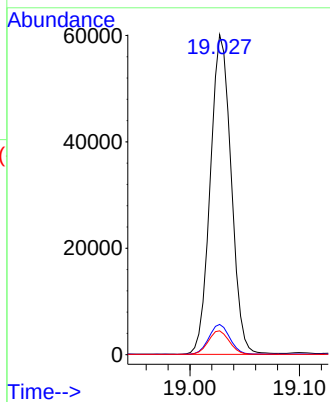
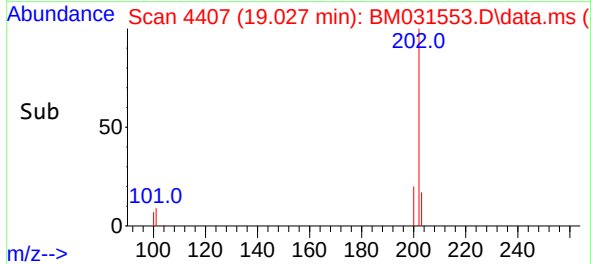
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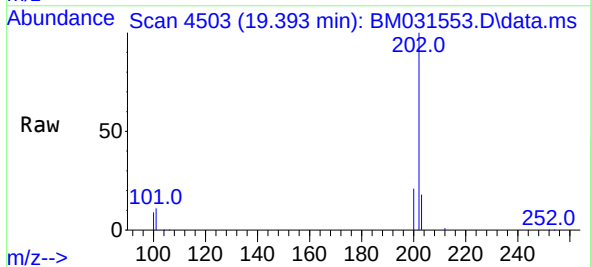
#19
Fluoranthene
Concen: 4.172 ng/u1
RT: 19.027 min Scan# 4407
Delta R.T. -0.004 min
Lab File: BM031553.D
Acq: 07 Aug 2021 16:02



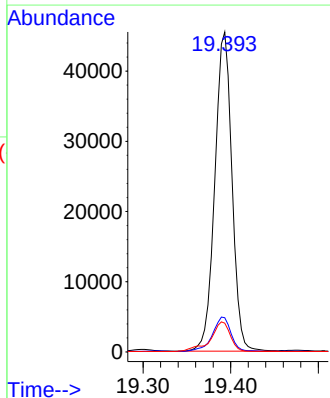
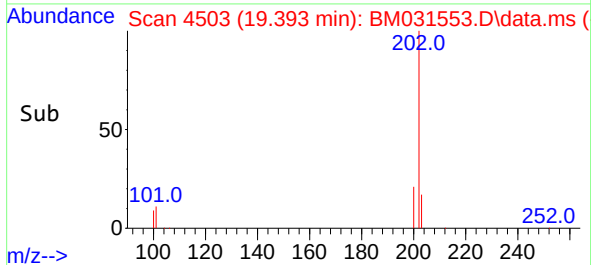
Tgt Ion:202 Resp: 79366
Ion Ratio Lower Upper
202 100
101 9.5 6.6 10.0
100 7.4 5.4 8.0



#20
Pyrene
Concen: 3.205 ng/u1
RT: 19.393 min Scan# 4503
Delta R.T. -0.004 min
Lab File: BM031553.D
Acq: 07 Aug 2021 16:02



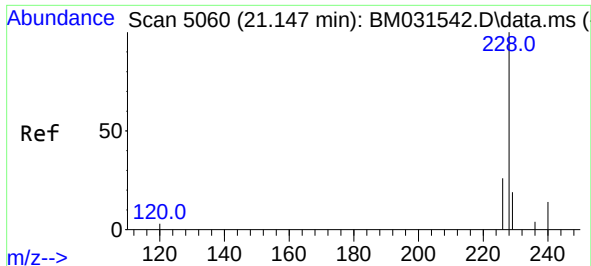
Tgt Ion:202 Resp: 61836
Ion Ratio Lower Upper
202 100
101 10.7 7.8 11.6
100 9.0 6.6 10.0



Instrument :
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ClientSampleId :
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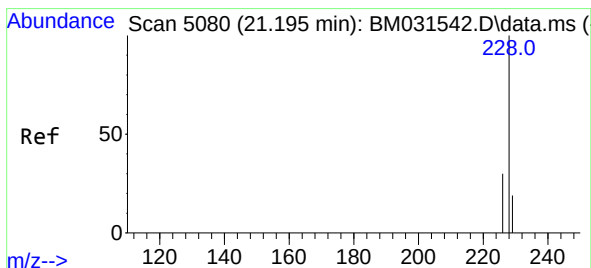
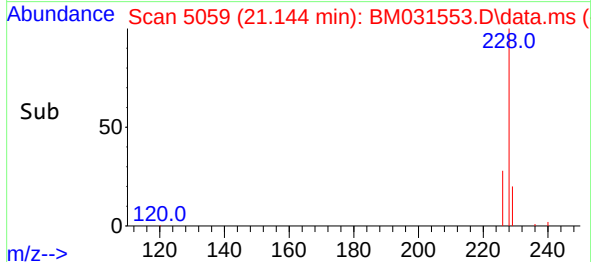
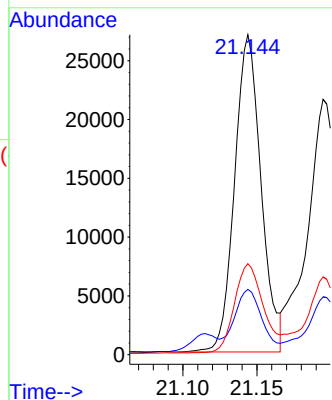
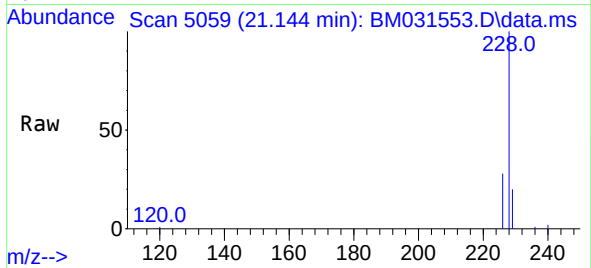
#21
Benzo(a)anthracene
Concen: 1.863 ng/ul
RT: 21.144 min Scan# 5059
Delta R.T. -0.007 min
Lab File: BM031553.D
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Tgt Ion:	228	Resp:	33508
Ion Ratio	Lower	Upper	
228	100		
229	20.4	15.6	23.4
226	28.5	21.7	32.5

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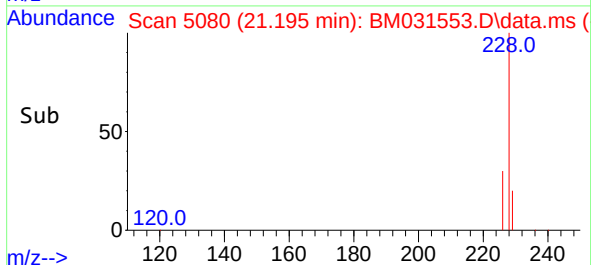
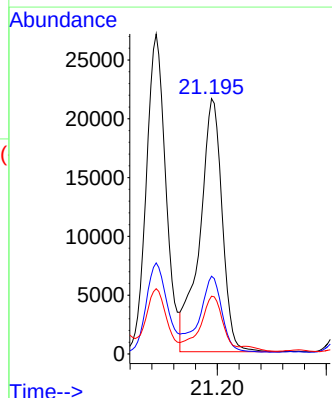
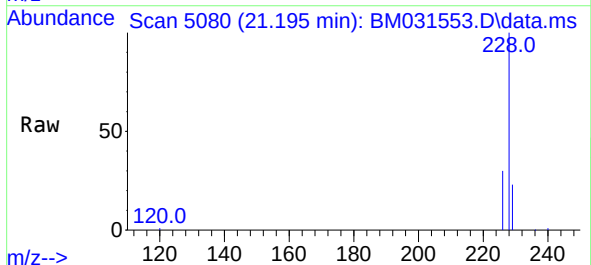
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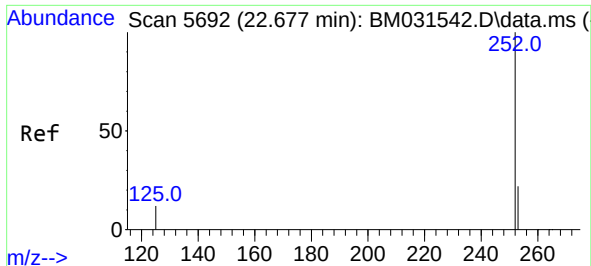
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#22
Chrysene
Concen: 1.652 ng/ul
RT: 21.195 min Scan# 5080
Delta R.T. -0.005 min
Lab File: BM031553.D
Acq: 07 Aug 2021 16:02

Tgt Ion:	228	Resp:	30755
Ion Ratio	Lower	Upper	
228	100		
226	30.4	24.7	37.1
229	22.6	16.2	24.2





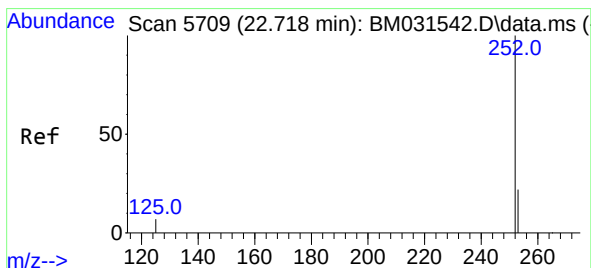
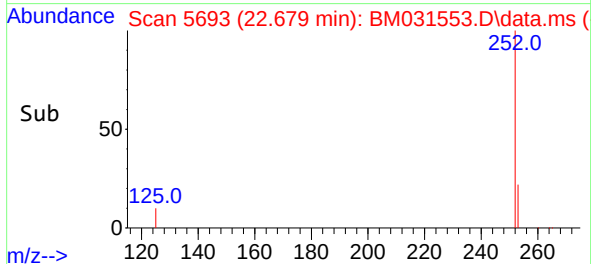
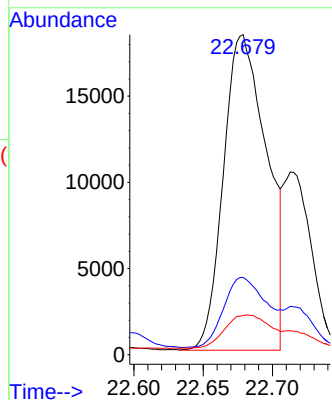
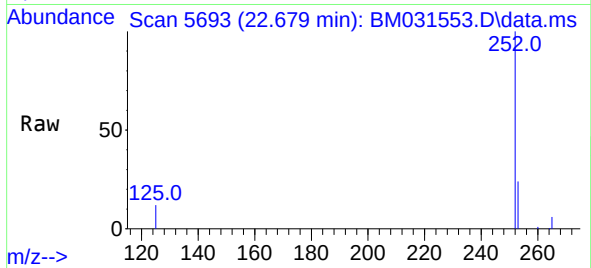
#24
Benzo(b)fluoranthene
Concen: 1.960 ng/ul m
RT: 22.679 min Scan# 5693
Delta R.T. -0.003 min
Lab File: BM031553.D
Acq: 07 Aug 2021 16:02

Tgt Ion:252	Resp:	39916
Ion Ratio	Lower	Upper
252	100	
253	24.1	0.0 53.0
125	12.3	0.0 22.8

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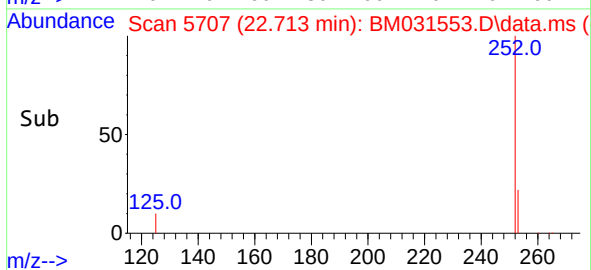
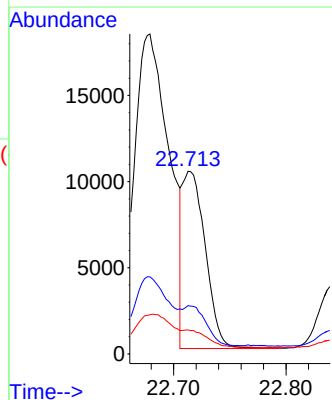
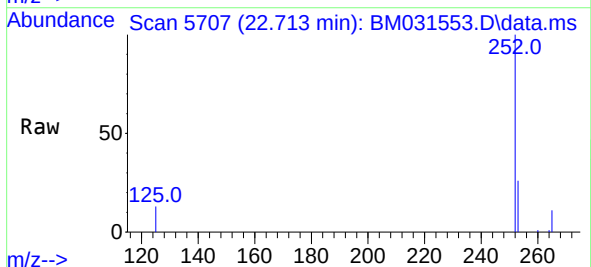
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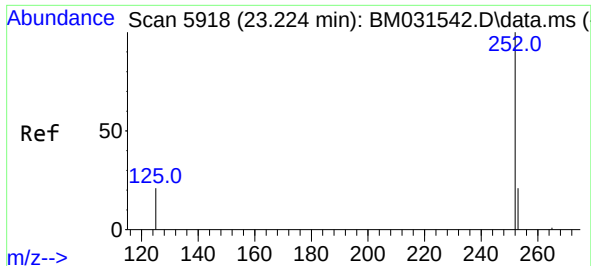
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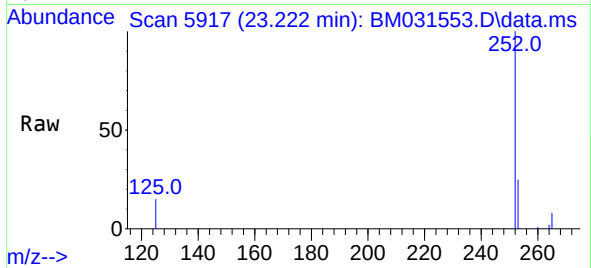
#25
Benzo(k)fluoranthene
Concen: 0.688 ng/ul m
RT: 22.713 min Scan# 5707
Delta R.T. -0.010 min
Lab File: BM031553.D
Acq: 07 Aug 2021 16:02

Tgt Ion:252	Resp:	14477
Ion Ratio	Lower	Upper
252	100	
253	26.4	21.3 31.9
125	13.1	8.8 13.2

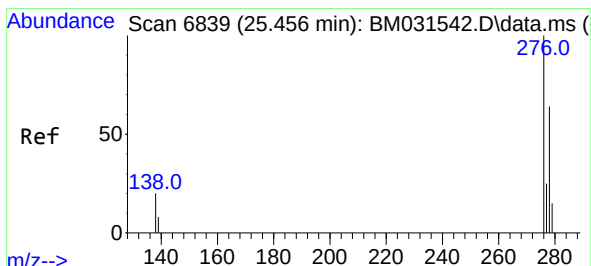
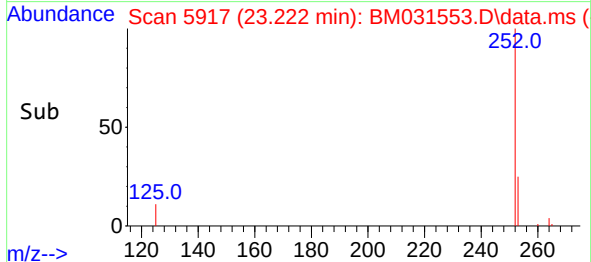
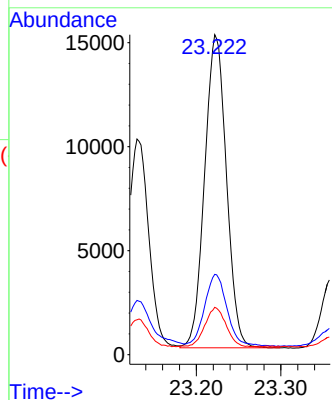




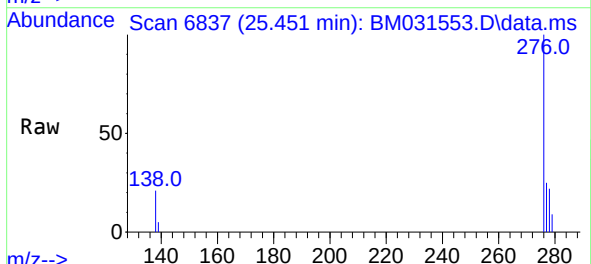
#26
Benzo(a)pyrene
Concen: 1.512 ng/ul
RT: 23.222 min Scan# 5917
Delta R.T. -0.010 min
Lab File: BM031553.D
Acq: 07 Aug 2021 16:02



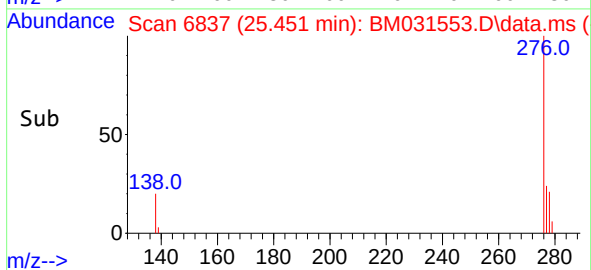
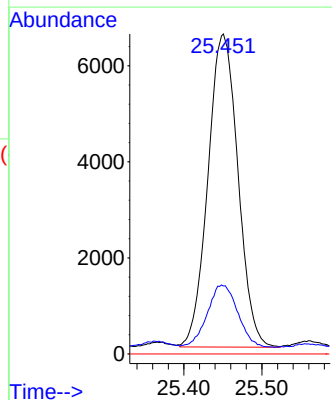
Tgt Ion:	252	Resp:	26968
Ion Ratio	Lower	Upper	
252	100		
253	25.1	22.4	33.6
125	14.8	13.0	19.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.756 ng/ul
RT: 25.451 min Scan# 6837
Delta R.T. -0.012 min
Lab File: BM031553.D
Acq: 07 Aug 2021 16:02



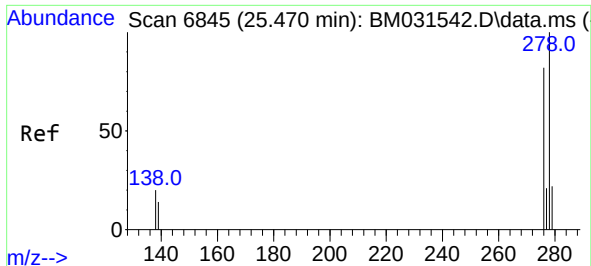
Tgt Ion:	276	Resp:	17421
Ion Ratio	Lower	Upper	
276	100		
138	20.3	15.8	23.8
227	0.0	0.0	0.0



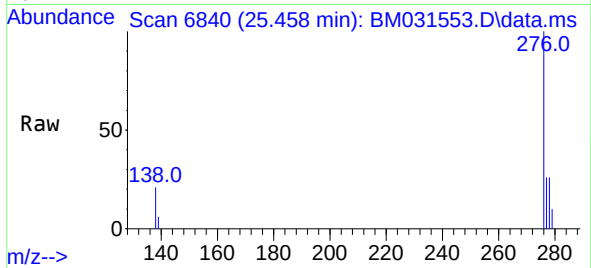
Instrument :
BNA_M
ClientSampled :
C0097DL

Manual Integrations
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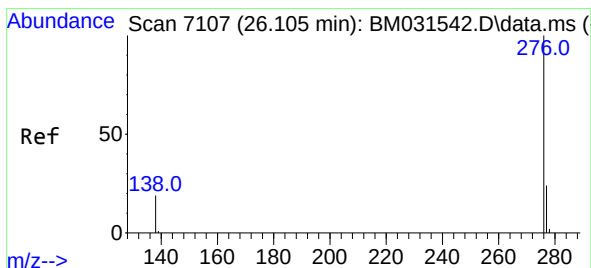
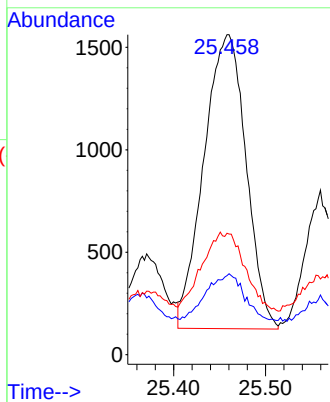
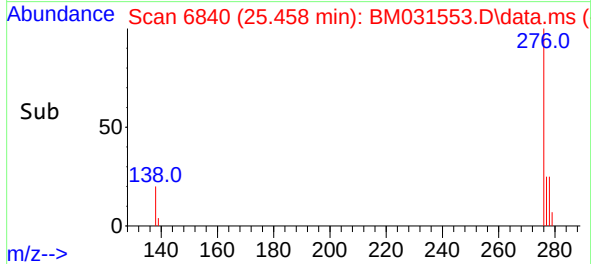
mohammad
8/9/2021 12:13:58 PM



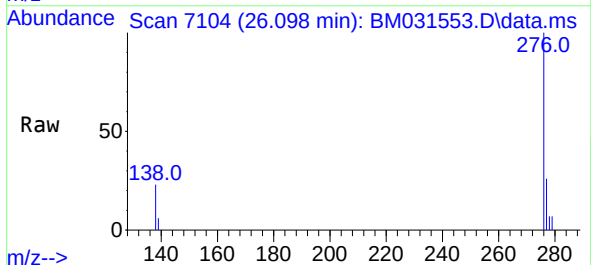
#28
Dibenzo(a,h)anthracene
Concen: 0.247 ng/ul
RT: 25.458 min Scan# 6840
Delta R.T. -0.017 min
Lab File: BM031553.D
Acq: 07 Aug 2021 16:02



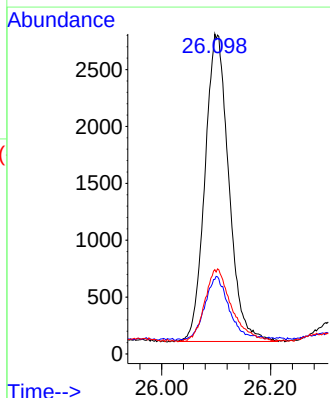
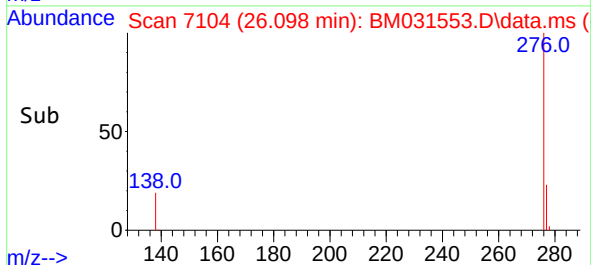
Tgt Ion:278 Resp: 4582
Ion Ratio Lower Upper
278 100
139 24.7 13.3 19.9#
279 38.0 22.8 34.2#



#29
Benzo(g,h,i)perylene
Concen: 0.418 ng/ul
RT: 26.098 min Scan# 7104
Delta R.T. -0.017 min
Lab File: BM031553.D
Acq: 07 Aug 2021 16:02



Tgt Ion:276 Resp: 8216
Ion Ratio Lower Upper
276 100
138 23.3 15.4 23.2#
277 26.3 19.9 29.9



Instrument :
BNA_M
ClientSampled :
C0097DL

Manual Integrations
APPROVED

mohammad
8/9/2021 12:13:58 PM