

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080521\
 Data File : BM031579.D
 Acq On : 08 Aug 2021 09:17
 Operator : CG/JU
 Sample : M3163-12
 Misc :
 ALS Vial : 105 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGEZ0

Manual Integrations
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Quant Time: Aug 09 04:13:46 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	1339	0.400	ng/ul	0.00
4) Naphthalene-d8	10.338	136	4996	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.212	164	2838	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.964	188	5312	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.159	240	4169	0.400	ng/ul	# 0.00
23) Perylene-d12	23.312	264	4241	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.185	96	4599	3.093	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.935	152	1922	0.228	ng/ul	0.00
18) Fluoranthene-d10	18.997	212	3623	0.260	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.932	152	248	0.021	ng/ul#	44
15) Phenanthrene	17.002	178	1081	0.064	ng/ul#	87
19) Fluoranthene	19.024	202	2252	0.127	ng/ul#	88
20) Pyrene	19.386	202	2160m	0.120	ng/ul	
21) Benzo(a)anthracene	21.144	228	1071	0.064	ng/ul#	79
22) Chrysene	21.195	228	1079	0.062	ng/ul#	89
24) Benzo(b)fluoranthene	22.674	252	1405m	0.074	ng/ul	
25) Benzo(k)fluoranthene	22.711	252	552m	0.028	ng/ul	
26) Benzo(a)pyrene	23.220	252	879	0.053	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.451	276	628	0.029	ng/ul#	76

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

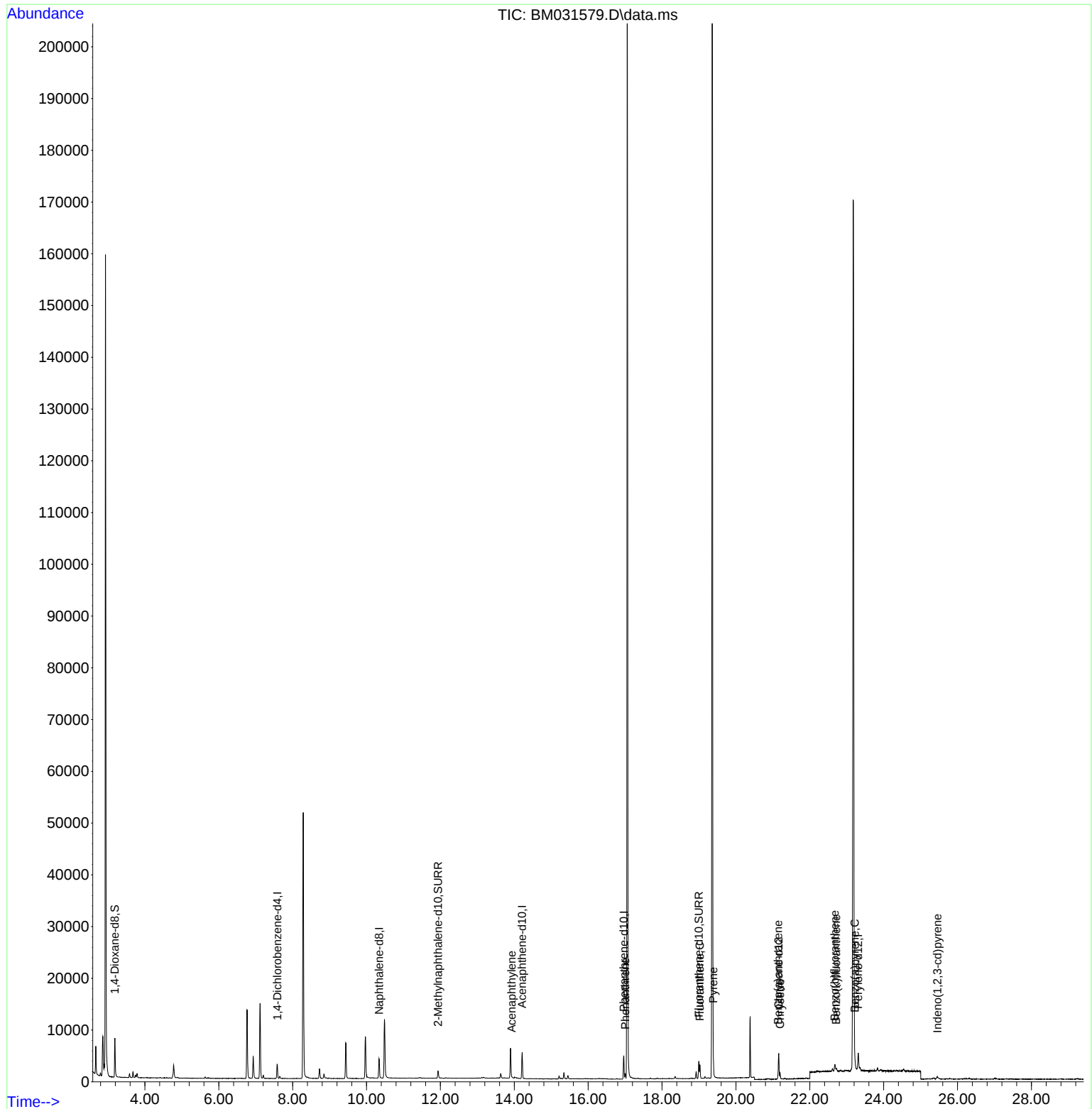
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080521\
Data File : BM031579.D
Acq On : 08 Aug 2021 09:17
Operator : CG/JU
Sample : M3163-12
Misc :
ALS Vial : 105 Sample Multiplier: 1

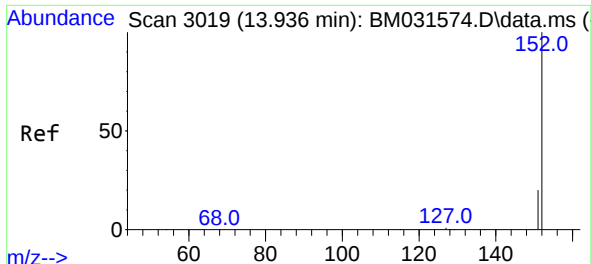
Instrument :
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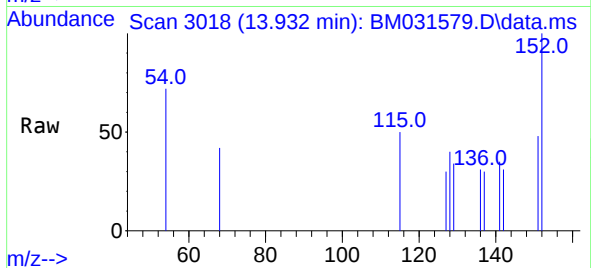
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Quant Time: Aug 09 04:13:46 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 06 18:39:21 2021
Response via : Initial Calibration

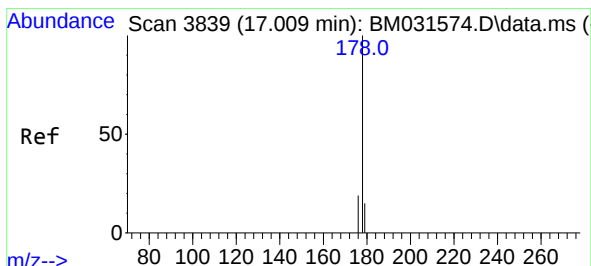
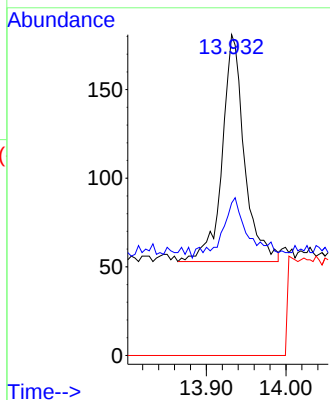
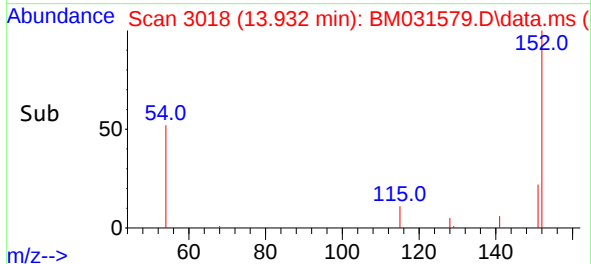




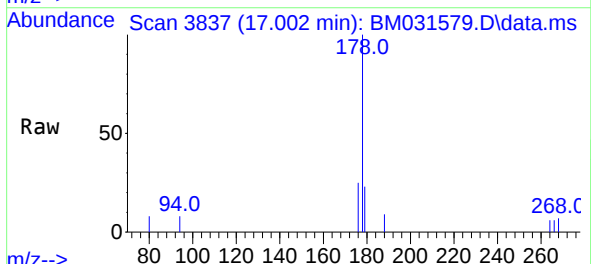
#10
Acenaphthylene
Concen: 0.021 ng/ul
RT: 13.932 min Scan# 3018
Delta R.T. -0.008 min
Lab File: BM031579.D
Acq: 08 Aug 2021 09:17



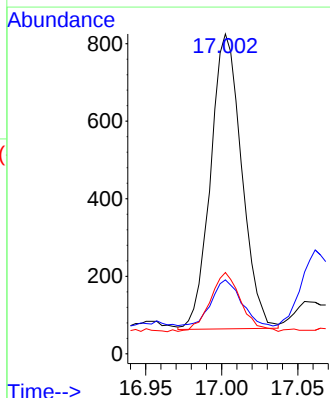
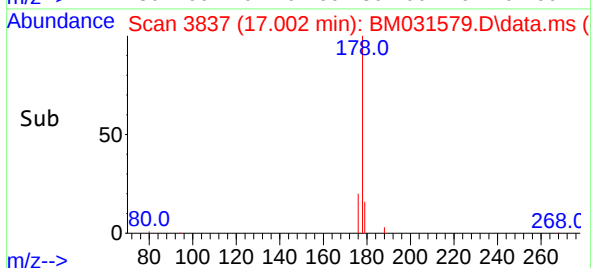
Tgt Ion:152 Resp: 248
Ion Ratio Lower Upper
152 100
151 47.5 16.9 25.3#
153 0.0 0.0 0.0



#15
Phenanthrene
Concen: 0.064 ng/ul
RT: 17.002 min Scan# 3837
Delta R.T. -0.010 min
Lab File: BM031579.D
Acq: 08 Aug 2021 09:17



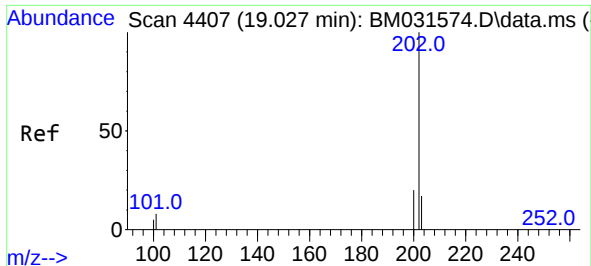
Tgt Ion:178 Resp: 1081
Ion Ratio Lower Upper
178 100
179 23.2 13.3 19.9#
176 25.5 16.2 24.4#



Instrument :
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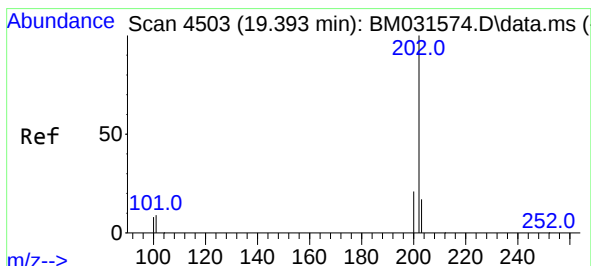
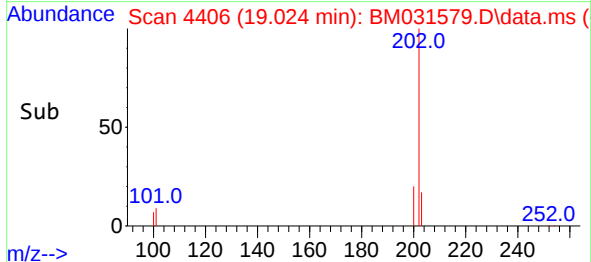
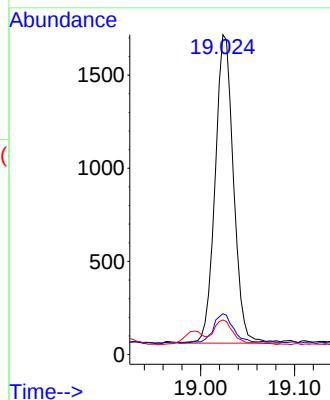
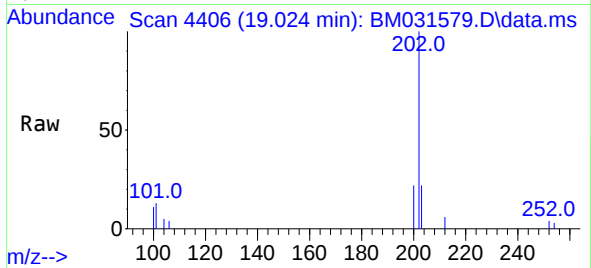
#19
Fluoranthene
Concen: 0.127 ng/ul
RT: 19.024 min Scan# 4406
Delta R.T. -0.008 min
Lab File: BM031579.D
Acq: 08 Aug 2021 09:17

Tgt Ion:	202	Resp:	2252
Ion Ratio	Lower	Upper	
202	100		
101	12.8	6.6	10.0#
100	10.8	5.4	8.0#

Instrument :
BNA_M
ClientSampled :
BGEZ0

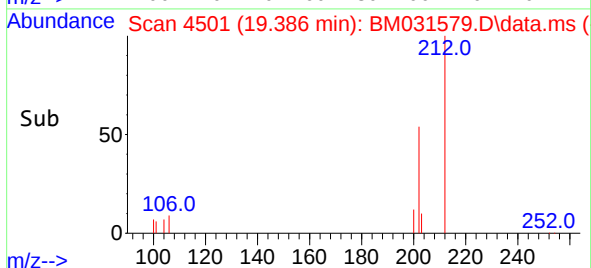
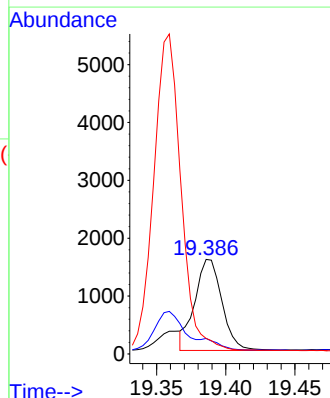
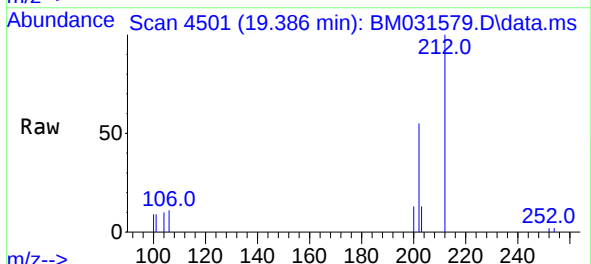
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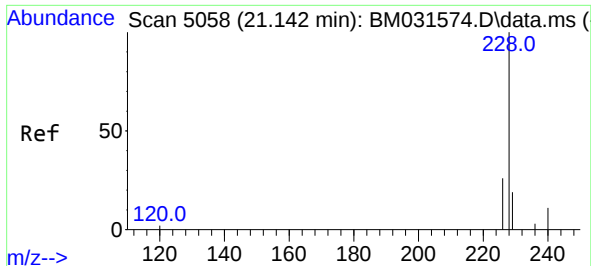
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#20
Pyrene
Concen: 0.120 ng/ul m
RT: 19.386 min Scan# 4501
Delta R.T. -0.011 min
Lab File: BM031579.D
Acq: 08 Aug 2021 09:17

Tgt Ion:	202	Resp:	2160
Ion Ratio	Lower	Upper	
202	100		
101	16.3	7.8	11.6#
100	16.4	6.6	10.0#





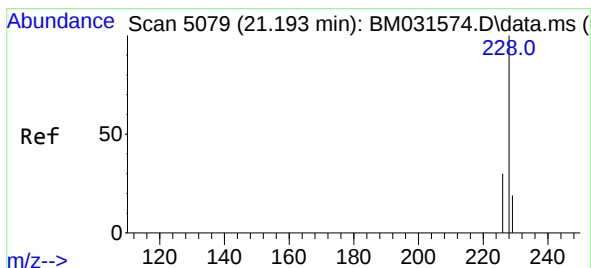
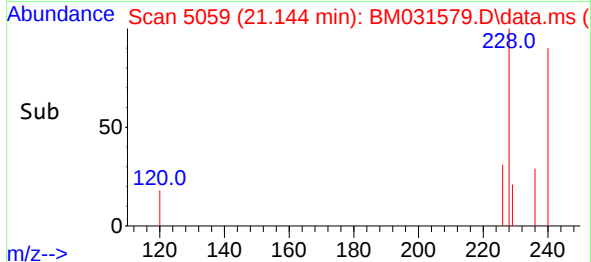
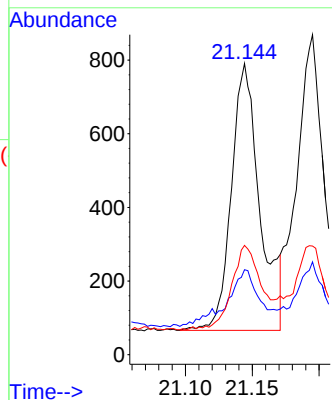
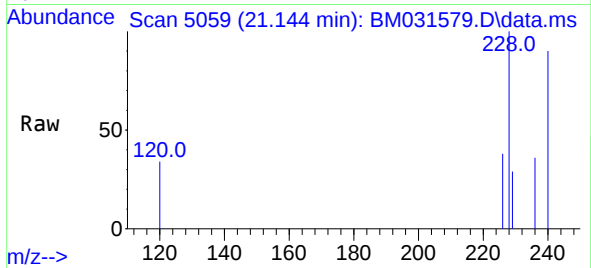
#21
Benzo(a)anthracene
Concen: 0.064 ng/ul
RT: 21.144 min Scan# 5059
Delta R.T. -0.007 min
Lab File: BM031579.D
Acq: 08 Aug 2021 09:17

Tgt Ion:	228	Resp:	1071
Ion Ratio	Lower	Upper	
228	100		
229	29.2	15.6	23.4#
226	37.5	21.7	32.5#

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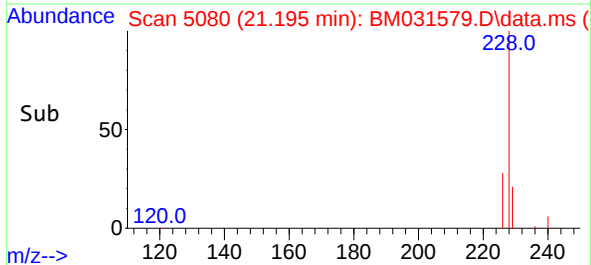
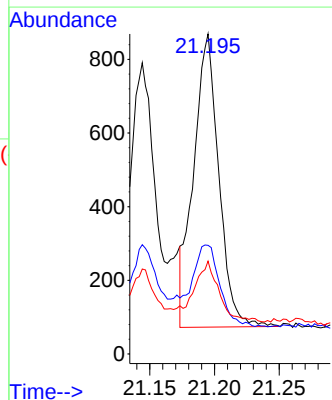
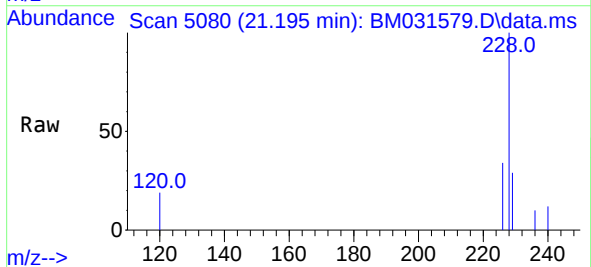
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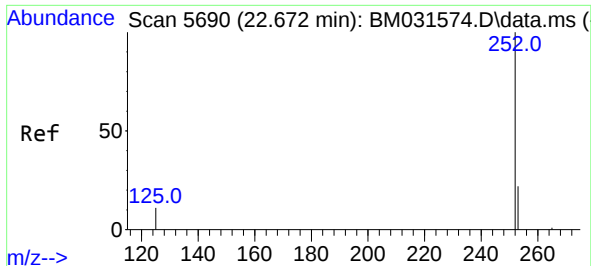
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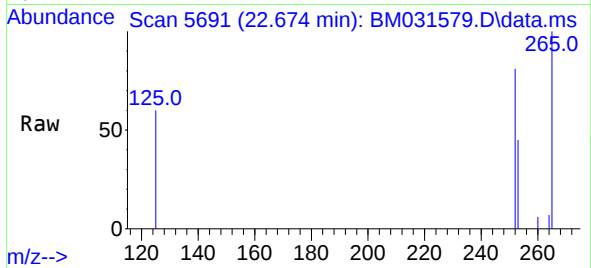
#22
Chrysene
Concen: 0.062 ng/ul
RT: 21.195 min Scan# 5080
Delta R.T. -0.005 min
Lab File: BM031579.D
Acq: 08 Aug 2021 09:17

Tgt Ion:	228	Resp:	1079
Ion Ratio	Lower	Upper	
228	100		
226	33.9	24.7	37.1
229	29.0	16.2	24.2#

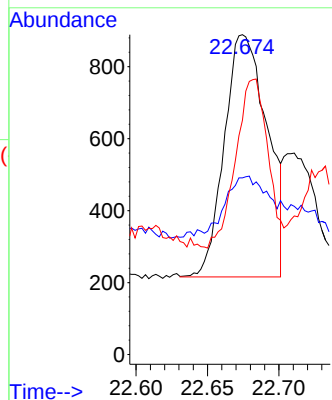




#24
Benzo(b)fluoranthene
Concen: 0.074 ng/ul m
RT: 22.674 min Scan# 5691
Delta R.T. -0.007 min
Lab File: BM031579.D
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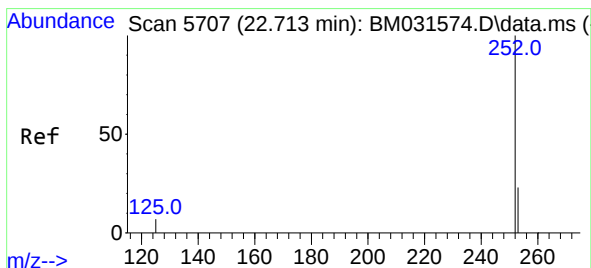
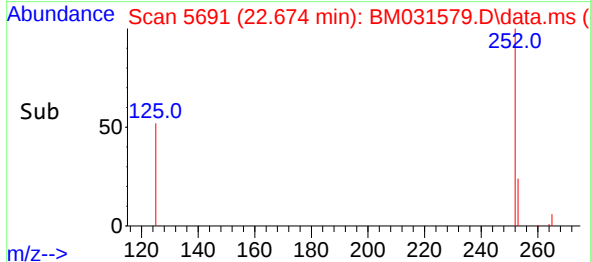
Tgt Ion:252 Resp: 1405
Ion Ratio Lower Upper
252 100
253 55.2 0.0 53.0#
125 73.2 0.0 22.8#



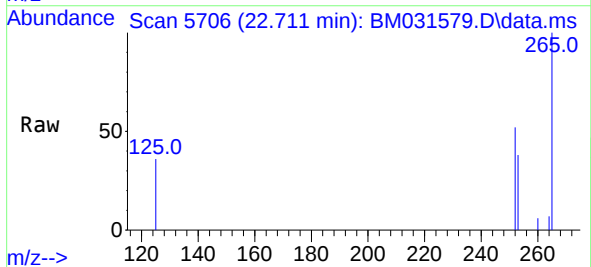
Instrument :
BNA_M
ClientSampled :
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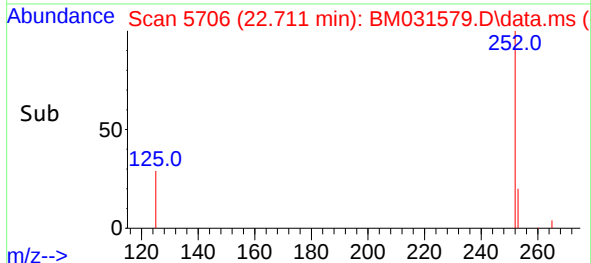
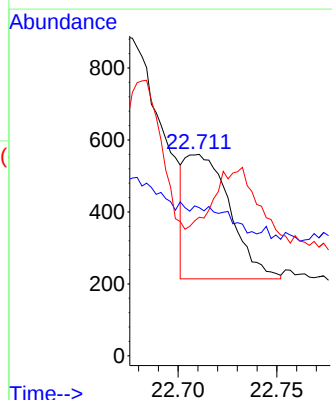
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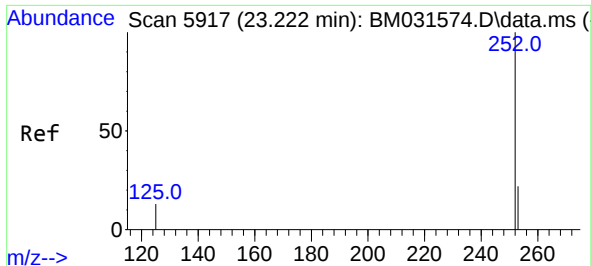


#25
Benzo(k)fluoranthene
Concen: 0.028 ng/ul m
RT: 22.711 min Scan# 5706
Delta R.T. -0.012 min
Lab File: BM031579.D
Acq: 08 Aug 2021 09:17



Tgt Ion:252 Resp: 552
Ion Ratio Lower Upper
252 100
253 73.6 21.3 31.9#
125 68.8 8.8 13.2#





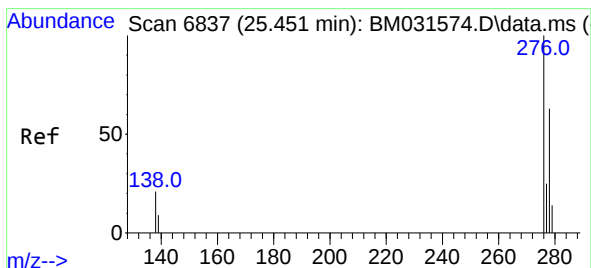
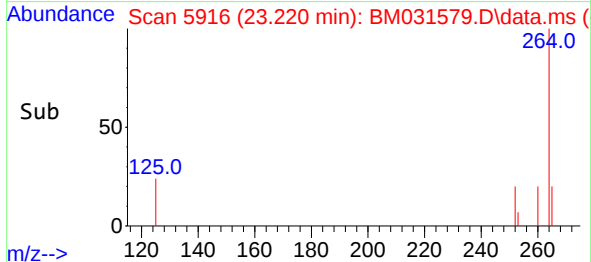
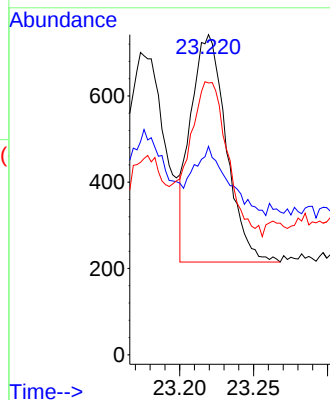
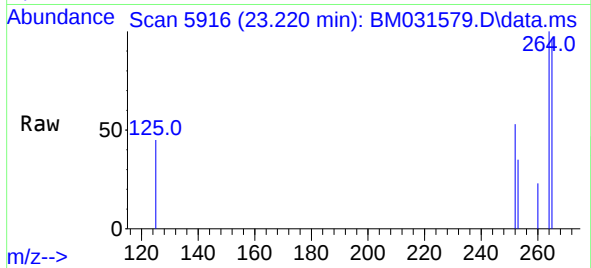
#26
Benzo(a)pyrene
Concen: 0.053 ng/ul
RT: 23.220 min Scan# 5916
Delta R.T. -0.012 min
Lab File: BM031579.D
Acq: 08 Aug 2021 09:17

Tgt Ion:	252	Resp:	879
Ion Ratio	Lower	Upper	
252	100		
253	65.1	22.4	33.6#
125	84.9	13.0	19.4#

Instrument :
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ClientSampleId :
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#27
Indeno(1,2,3-cd)pyrene
Concen: 0.029 ng/ul
RT: 25.451 min Scan# 6837
Delta R.T. -0.012 min
Lab File: BM031579.D
Acq: 08 Aug 2021 09:17

Tgt Ion:	276	Resp:	628
Ion Ratio	Lower	Upper	
276	100		
138	30.6	15.8	23.8#
227	0.0	0.0	0.0

