

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072921\
 Data File : BM031352.D
 Acq On : 01 Aug 2021 16:47
 Operator : CG/JU
 Sample : M3107-14
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGD06

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Quant Time: Aug 02 01:17:44 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 Jul 30 14:16:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.604	152	1522	0.400	ng/ul	0.00
4) Naphthalene-d8	10.364	136	5686	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.235	164	3391	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.981	188	6338	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.171	240	4809	0.400	ng/ul	0.00
23) Perylene-d12	23.333	264	4955	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.196	96	5754	3.404	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.961	152	1930	0.201	ng/ul	0.00
18) Fluoranthene-d10	19.012	212	3784	0.236	ng/ul	0.00
Target Compounds						
						Qvalue
10) Acenaphthylene	13.953	152	473	0.033	ng/ul#	70
15) Phenanthrene	17.023	178	1117	0.056	ng/ul#	90
16) Anthracene	17.113	178	479	0.025	ng/ul#	72
19) Fluoranthene	19.042	202	3126	0.152	ng/ul#	92
20) Pyrene	19.405	202	2862m	0.137	ng/ul	
21) Benzo(a)anthracene	21.159	228	1686	0.087	ng/ul#	89
22) Chrysene	21.209	228	1812	0.090	ng/ul#	92
24) Benzo(b)fluoranthene	22.696	252	2886m	0.129	ng/ul	
25) Benzo(k)fluoranthene	22.727	252	1112m	0.048	ng/ul	
26) Benzo(a)pyrene	23.239	252	1472	0.075	ng/ul#	37
27) Indeno(1,2,3-cd)pyrene	25.475	276	1086	0.043	ng/ul#	98

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

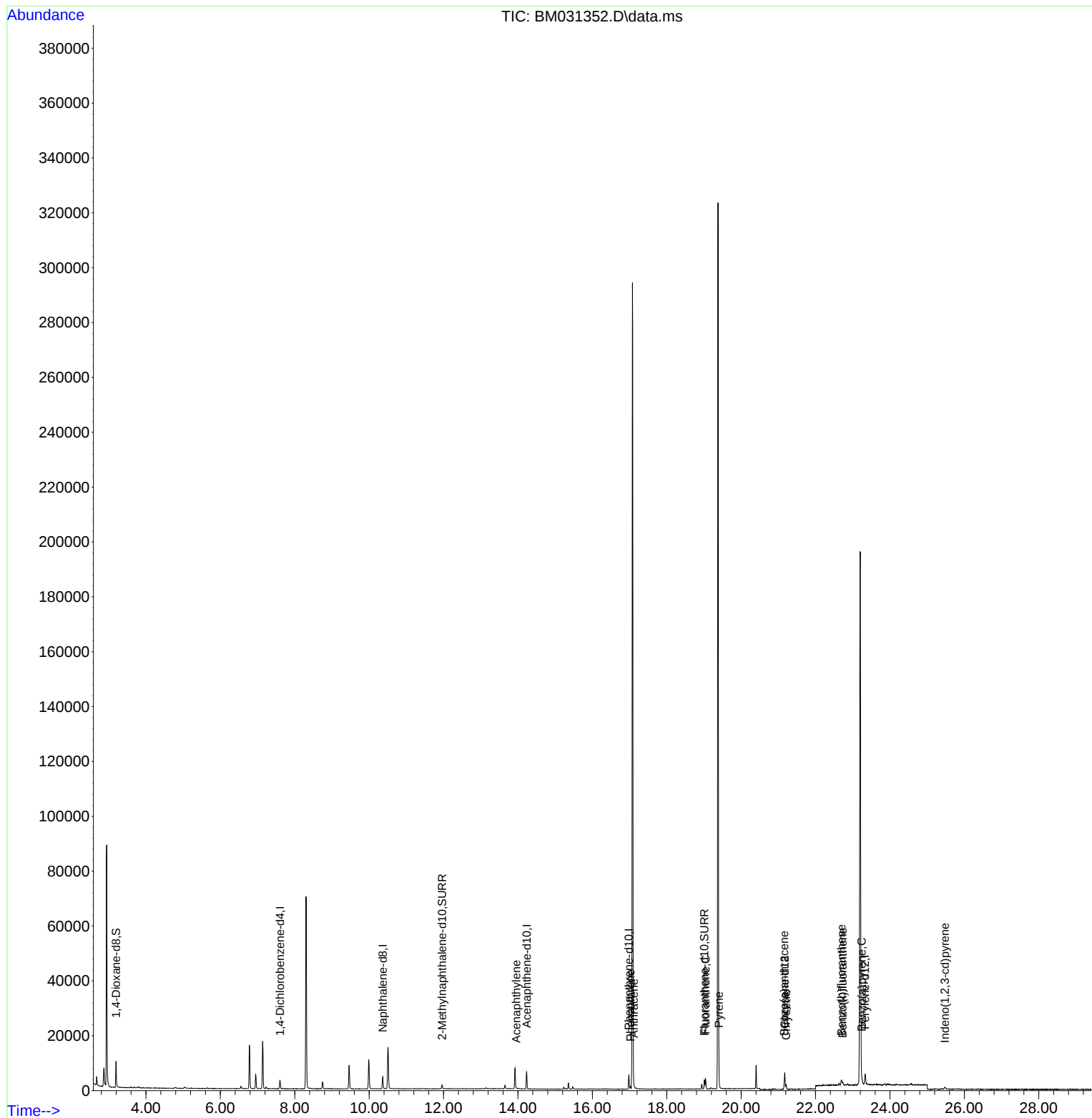
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072921\
Data File : BM031352.D
Acq On : 01 Aug 2021 16:47
Operator : CG/JU
Sample : M3107-14
Misc :
ALS Vial : 48 Sample Multiplier: 1

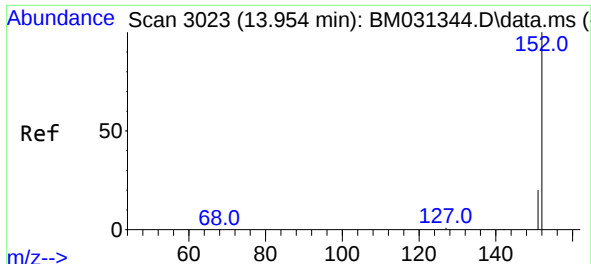
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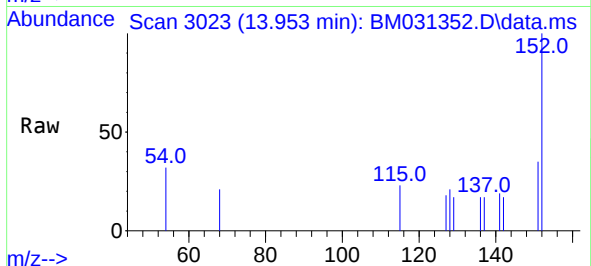
Quant Time: Aug 02 01:17:44 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 30 14:16:52 2021
Response via : Initial Calibration





#10
Acenaphthylene
Concen: 0.033 ng/u1
RT: 13.953 min Scan# 3023
Delta R.T. -0.009 min
Lab File: BM031352.D
Acq: 01 Aug 2021 16:47

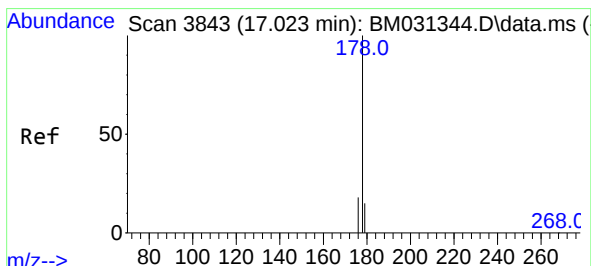
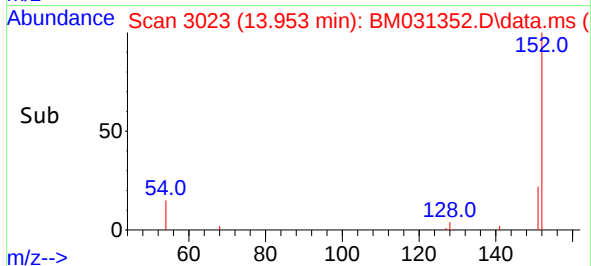
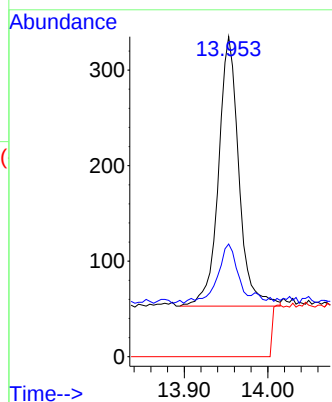
Instrument :
BNA_M
ClientSampled :
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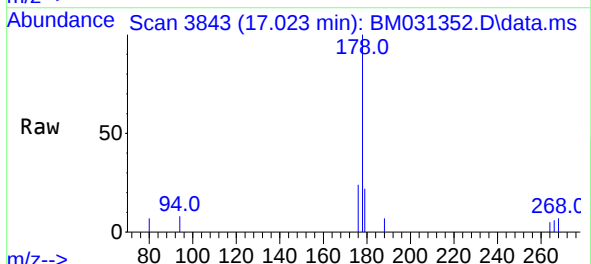
Tgt Ion:152 Resp: 473
Ion Ratio Lower Upper
152 100
151 35.2 16.9 25.3#
153 0.0 0.0 0.0

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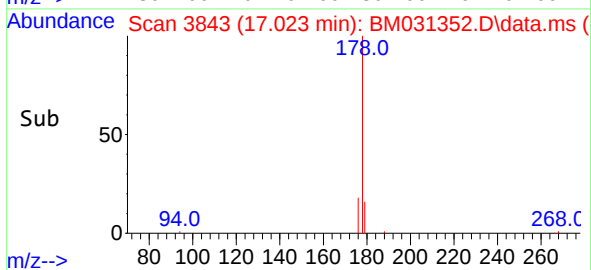
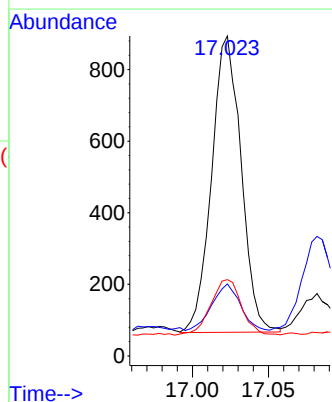
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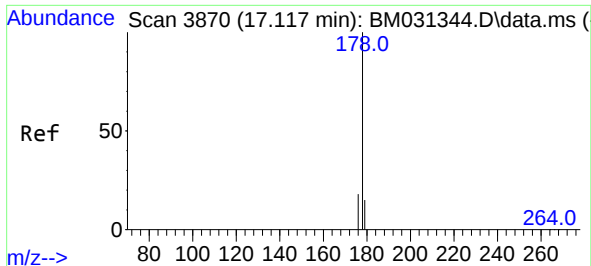


#15
Phenanthrene
Concen: 0.056 ng/u1
RT: 17.023 min Scan# 3843
Delta R.T. -0.007 min
Lab File: BM031352.D
Acq: 01 Aug 2021 16:47



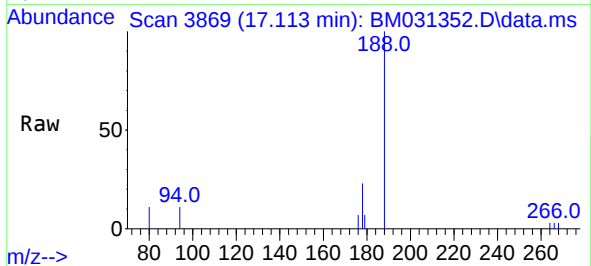
Tgt Ion:178 Resp: 1117
Ion Ratio Lower Upper
178 100
179 22.5 13.3 19.9#
176 23.8 16.2 24.4





#16
 Anthracene
 Concen: 0.025 ng/ul
 RT: 17.113 min Scan# 3869
 Delta R.T. -0.007 min
 Lab File: BM031352.D
 Acq: 01 Aug 2021 16:47

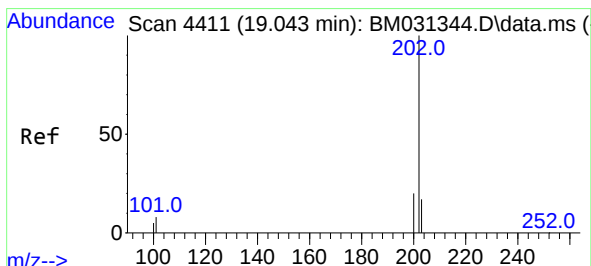
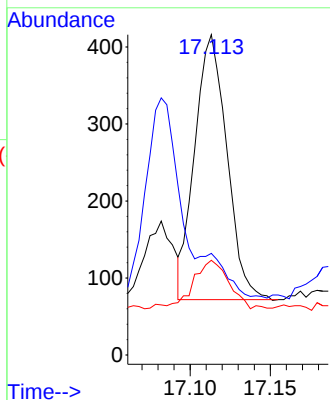
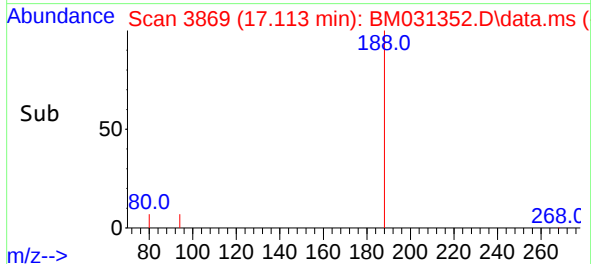
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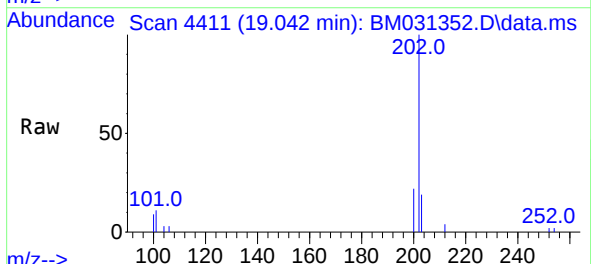
Tgt Ion:178 Resp: 479
 Ion Ratio Lower Upper
 178 100
 179 31.7 13.0 19.6#
 176 29.6 15.6 23.4#

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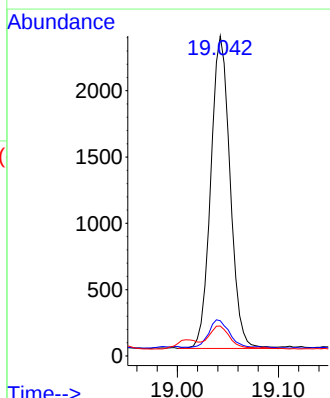
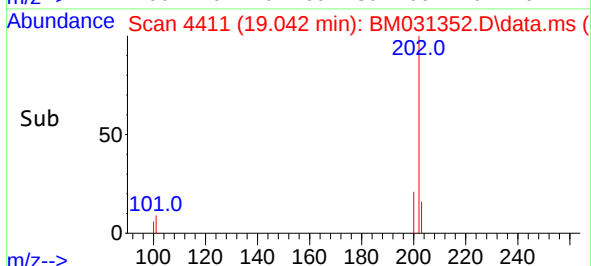
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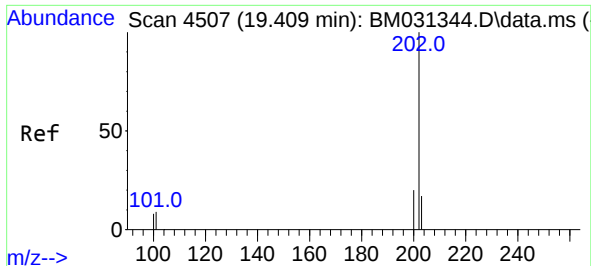


#19
 Fluoranthene
 Concen: 0.152 ng/ul
 RT: 19.042 min Scan# 4411
 Delta R.T. -0.008 min
 Lab File: BM031352.D
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Tgt Ion:202 Resp: 3126
 Ion Ratio Lower Upper
 202 100
 101 11.0 6.6 10.0#
 100 9.4 5.4 8.0#





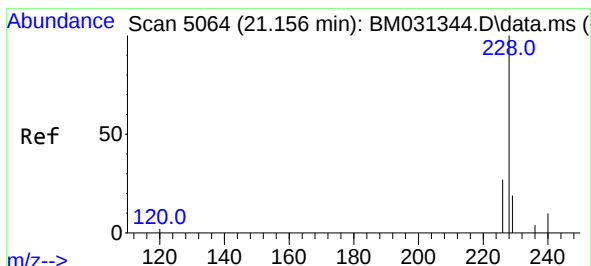
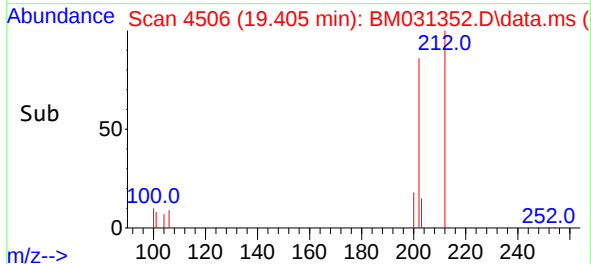
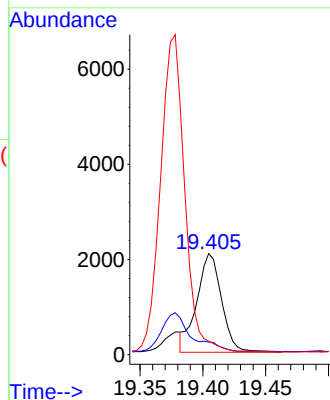
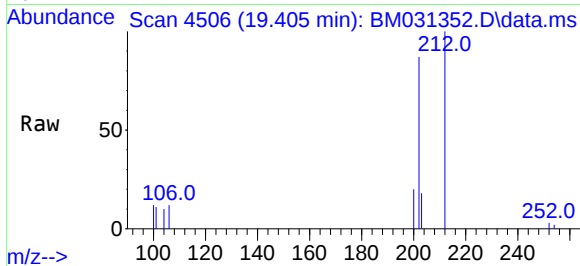
#20
Pyrene
Concen: 0.137 ng/ul m
RT: 19.405 min Scan# 4506
Delta R.T. -0.008 min
Lab File: BM031352.D
Acq: 01 Aug 2021 16:47

Tgt Ion:	202	Resp:	2862
Ion	Ratio	Lower	Upper
202	100		
101	12.6	7.8	11.6#
100	13.5	6.6	10.0#

Instrument :
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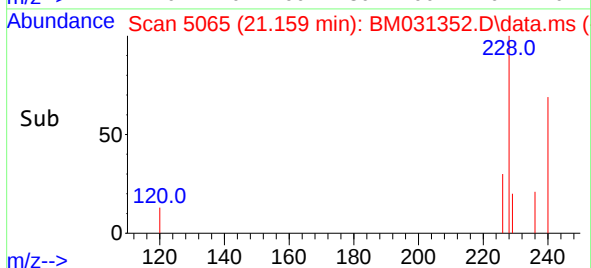
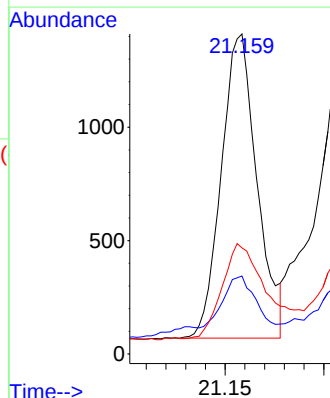
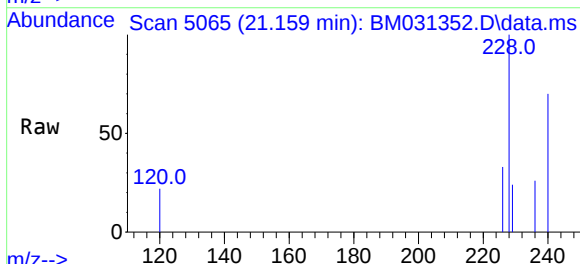
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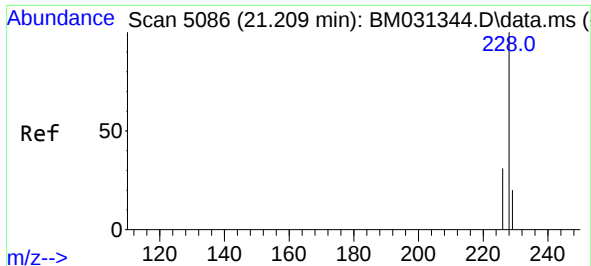
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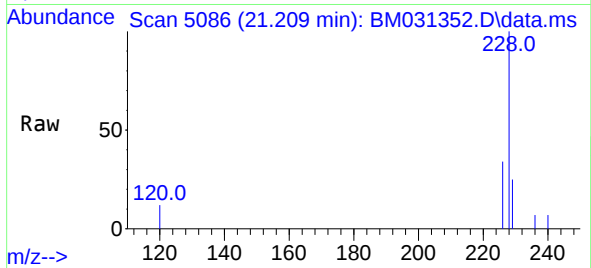
#21
Benzo(a)anthracene
Concen: 0.087 ng/ul
RT: 21.159 min Scan# 5065
Delta R.T. -0.002 min
Lab File: BM031352.D
Acq: 01 Aug 2021 16:47

Tgt Ion:	228	Resp:	1686
Ion	Ratio	Lower	Upper
228	100		
229	24.4	15.6	23.4#
226	33.2	21.7	32.5#

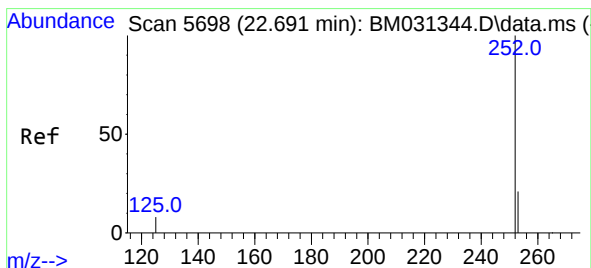
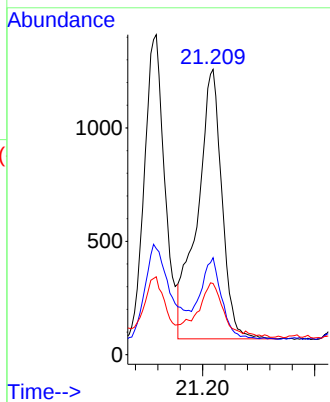
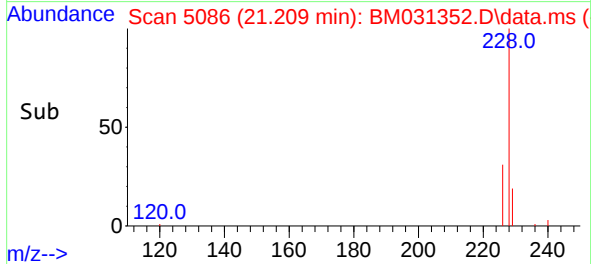




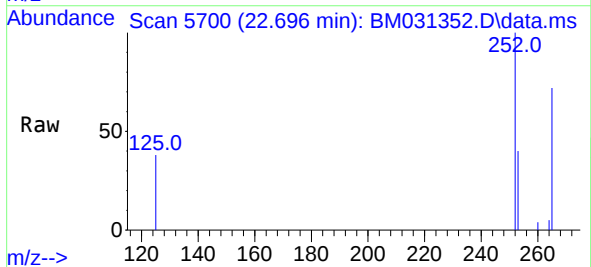
#22
Chrysene
Concen: 0.090 ng/ul
RT: 21.209 min Scan# 5086
Delta R.T. -0.005 min
Lab File: BM031352.D
Acq: 01 Aug 2021 16:47



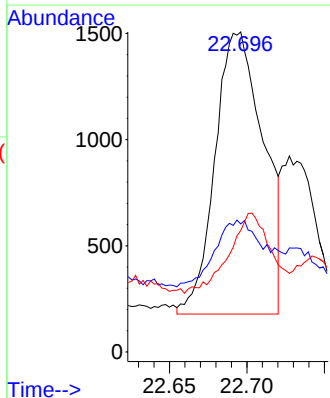
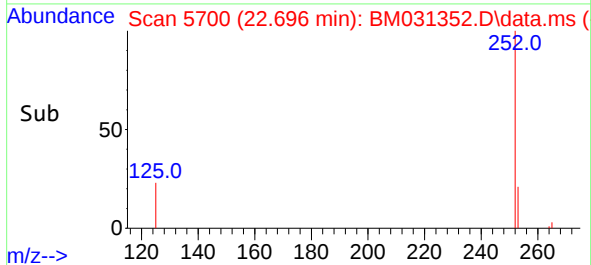
Tgt Ion:228 Resp: 1812
Ion Ratio Lower Upper
228 100
226 34.0 24.7 37.1
229 25.0 16.2 24.2#



#24
Benzo(b)fluoranthene
Concen: 0.129 ng/ul m
RT: 22.696 min Scan# 5700
Delta R.T. -0.002 min
Lab File: BM031352.D
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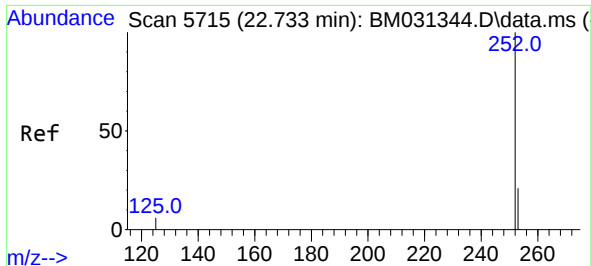
Tgt Ion:252 Resp: 2886
Ion Ratio Lower Upper
252 100
253 40.0 0.0 53.0
125 38.0 0.0 22.8#



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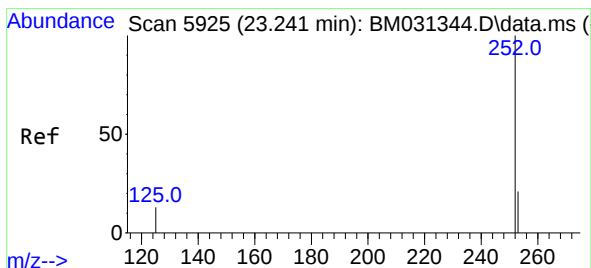
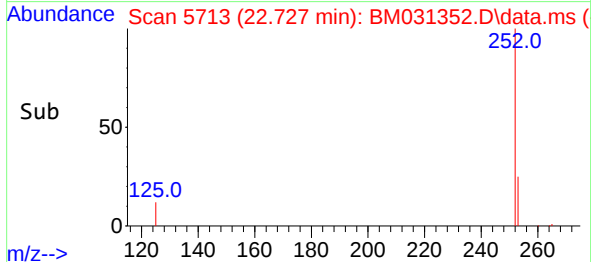
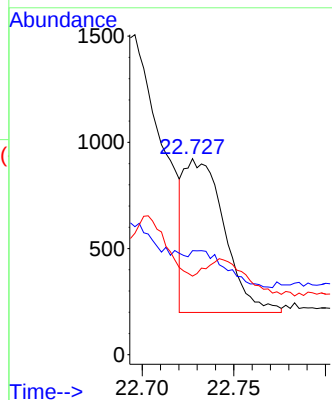
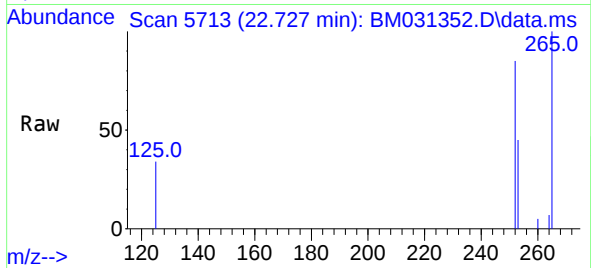
#25
Benzo(k)fluoranthene
Concen: 0.048 ng/ul m
RT: 22.727 min Scan# 5713
Delta R.T. -0.012 min
Lab File: BM031352.D
Acq: 01 Aug 2021 16:47

Tgt Ion:	252	Resp:	1112
Ion Ratio	Lower	Upper	
252	100		
253	53.1	21.3	31.9#
125	40.1	8.8	13.2#

Instrument :
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ClientSampled :
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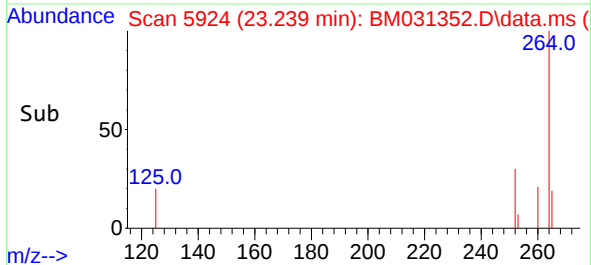
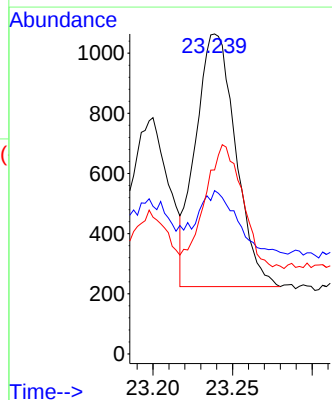
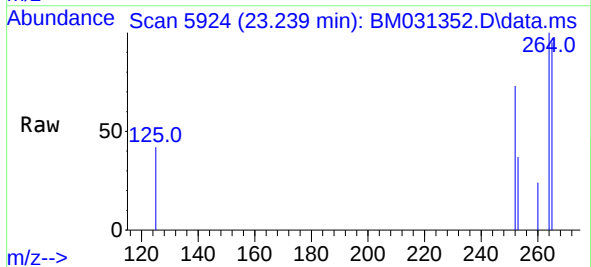
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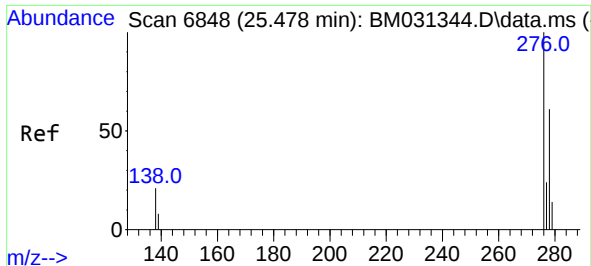
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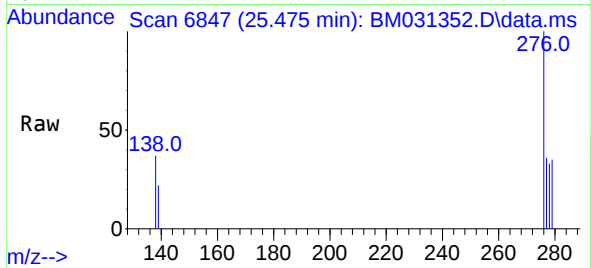
#26
Benzo(a)pyrene
Concen: 0.075 ng/ul
RT: 23.239 min Scan# 5924
Delta R.T. -0.010 min
Lab File: BM031352.D
Acq: 01 Aug 2021 16:47

Tgt Ion:	252	Resp:	1472
Ion Ratio	Lower	Upper	
252	100		
253	51.0	22.4	33.6#
125	57.5	13.0	19.4#

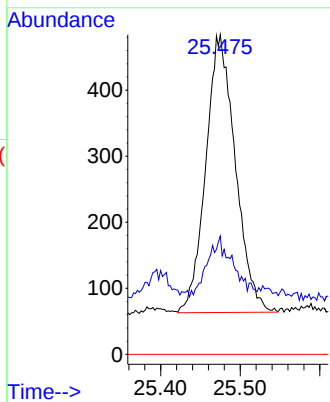
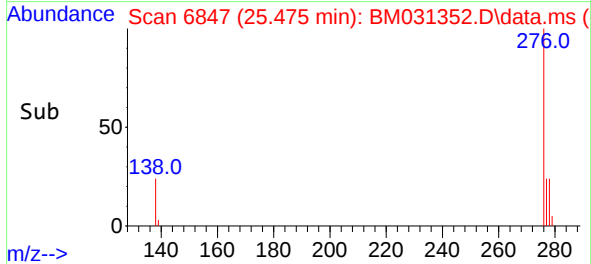




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.043 ng/ul
 RT: 25.475 min Scan# 6847
 Delta R.T. -0.014 min
 Lab File: BM031352.D
 Acq: 01 Aug 2021 16:47



Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.0	15.8	23.8
227	0.0	0.0	0.0



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