

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072621\
 Data File : BM031163.D
 Acq On : 26 Jul 2021 15:11
 Operator : CG/JU
 Sample : M2973-08DL 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGEC3DL

Manual Integrations
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Quant Time: Jul 26 16:04:40 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 : Mon Jul 26 16:04:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.635	152	1746	0.400	ng/ul	0.00
4) Naphthalene-d8	10.396	136	7043	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.261	164	4684	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.005	188	10156	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.193	240	9671	0.400	ng/ul	0.00
23) Perylene-d12	23.365	264	8194m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.213	96	2031	1.107	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.992	152	832	0.067	ng/ul	0.00
18) Fluoranthene-d10	19.034	212	2475	0.084	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.445	128	522	0.025	ng/ul#	72
10) Acenaphthylene	13.980	152	972	0.051	ng/ul	92
15) Phenanthrene	17.047	178	6865	0.213	ng/ul	100
16) Anthracene	17.137	178	3362	0.111	ng/ul	98
19) Fluoranthene	19.065	202	30689	0.788	ng/ul#	95
20) Pyrene	19.427	202	13773	0.347	ng/ul#	94
21) Benzo(a)anthracene	21.179	228	19940	0.516	ng/ul	96
22) Chrysene	21.227	228	15775	0.377	ng/ul	98
24) Benzo(b)fluoranthene	22.721	252	19236m	0.499	ng/ul	
25) Benzo(k)fluoranthene	22.757	252	7954m	0.203	ng/ul	
26) Benzo(a)pyrene	23.271	252	3695	0.111	ng/ul#	74
27) Indeno(1,2,3-cd)pyrene	25.519	276	3023	0.069	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.529	278	1983	0.057	ng/ul#	70

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

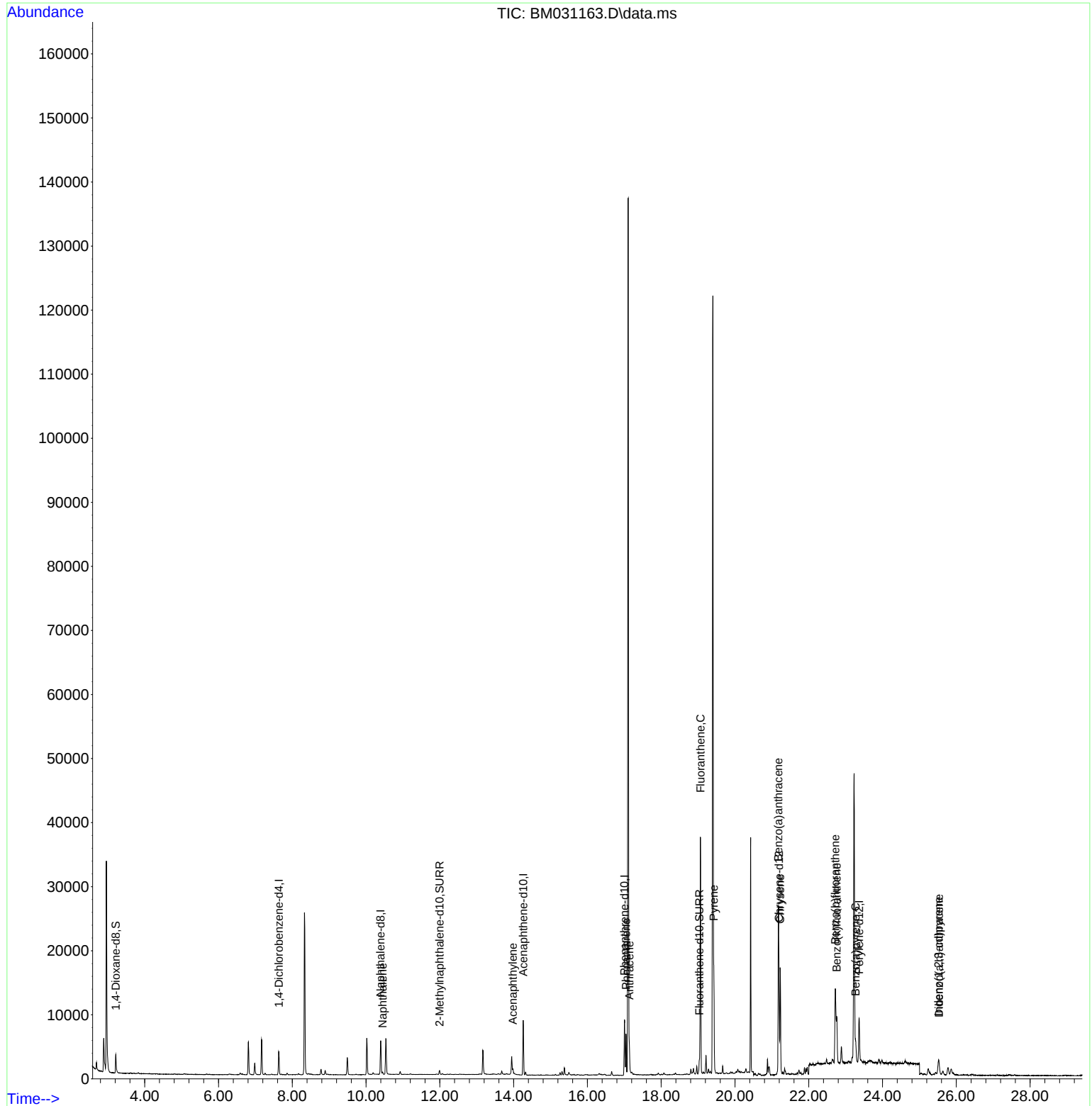
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Data File : BM031163.D
Acq On : 26 Jul 2021 15:11
Operator : CG/JU
Sample : M2973-08DL 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

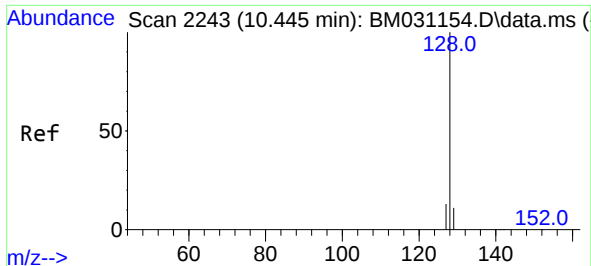
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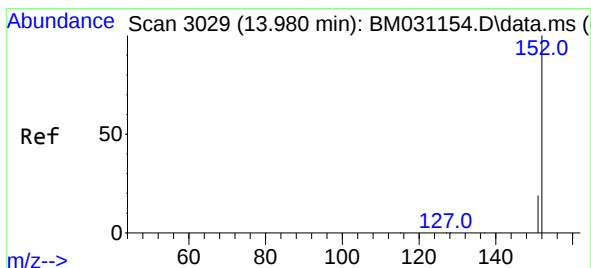
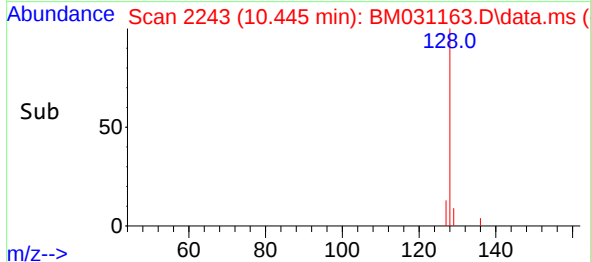
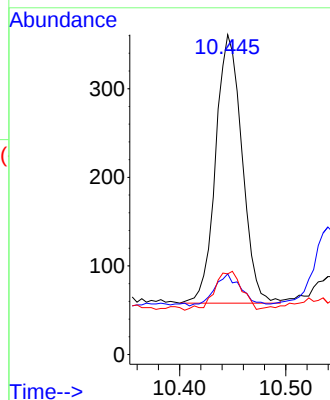
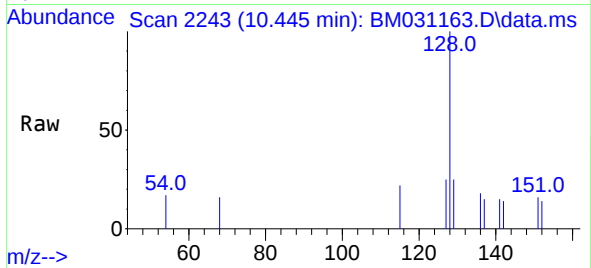
#5
Naphthalene
Concen: 0.025 ng/ul
RT: 10.445 min Scan# 2243
Delta R.T. 0.000 min
Lab File: BM031163.D
Acq: 26 Jul 2021 15:11

Tgt Ion:	128	Resp:	522
Ion	Ratio	Lower	Upper
128	100		
129	25.2	10.2	15.4#
127	25.2	11.8	17.8#

Instrument :
BNA_M
ClientSampled :
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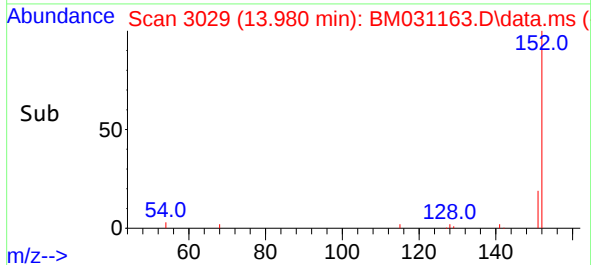
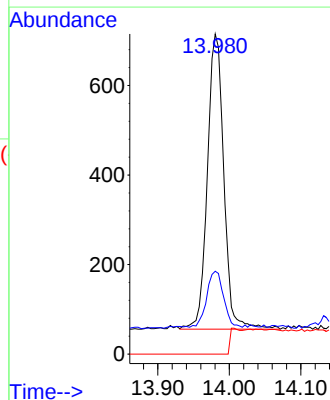
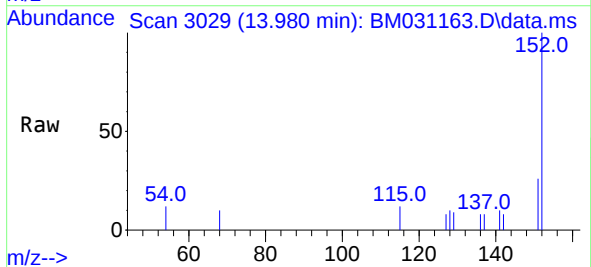
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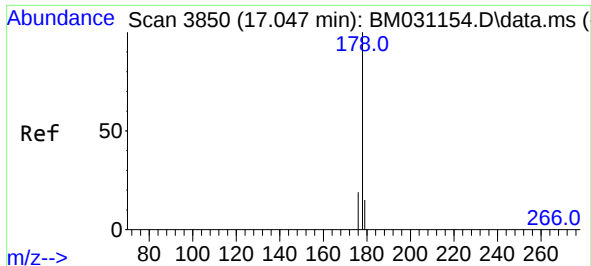
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#10
Acenaphthylene
Concen: 0.051 ng/ul
RT: 13.980 min Scan# 3029
Delta R.T. 0.000 min
Lab File: BM031163.D
Acq: 26 Jul 2021 15:11

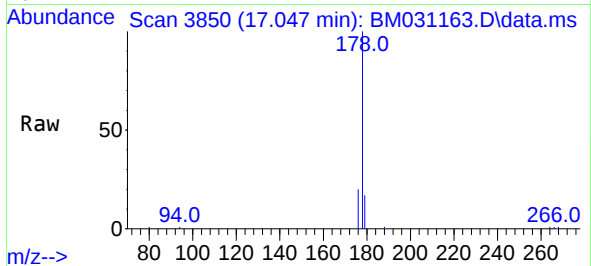
Tgt Ion:	152	Resp:	972
Ion	Ratio	Lower	Upper
152	100		
151	25.9	17.5	26.3
153	0.0	0.0	0.0





#15
Phenanthrene
Concen: 0.213 ng/ul
RT: 17.047 min Scan# 3850
Delta R.T. -0.001 min
Lab File: BM031163.D
Acq: 26 Jul 2021 15:11

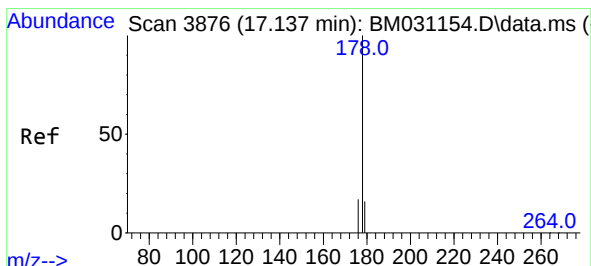
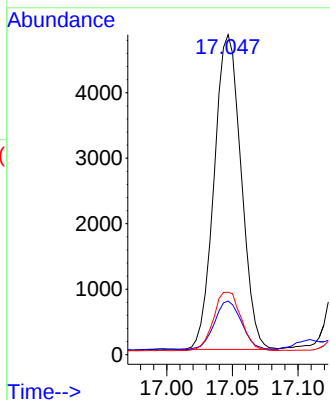
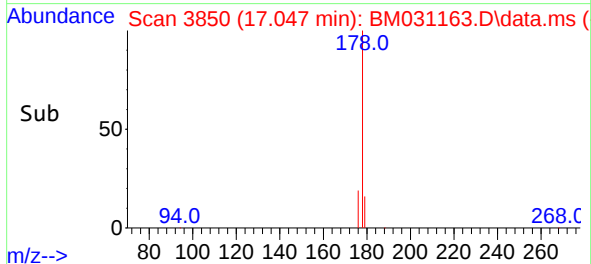
Instrument :
BNA_M
ClientSampled :
BGEC3DL



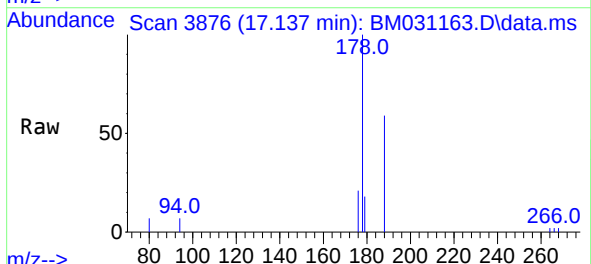
Tgt Ion:178 Resp: 6865
Ion Ratio Lower Upper
178 100
179 16.7 13.3 19.9
176 19.5 15.4 23.2

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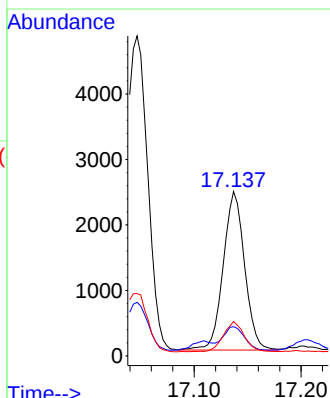
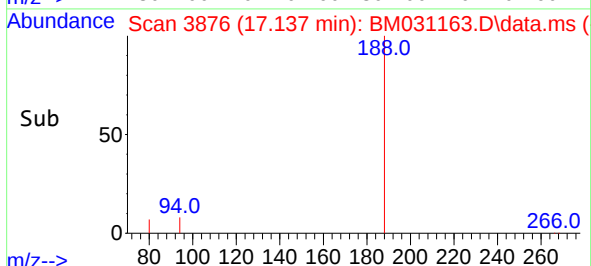
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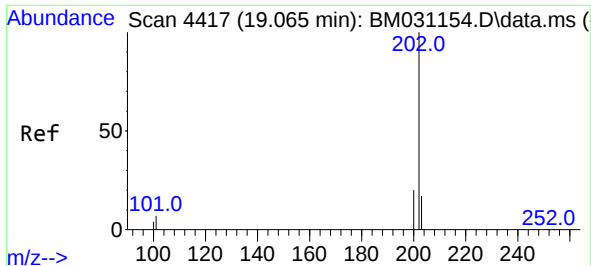


#16
Anthracene
Concen: 0.111 ng/ul
RT: 17.137 min Scan# 3876
Delta R.T. -0.001 min
Lab File: BM031163.D
Acq: 26 Jul 2021 15:11



Tgt Ion:178 Resp: 3362
Ion Ratio Lower Upper
178 100
179 17.8 13.8 20.8
176 20.9 15.7 23.5





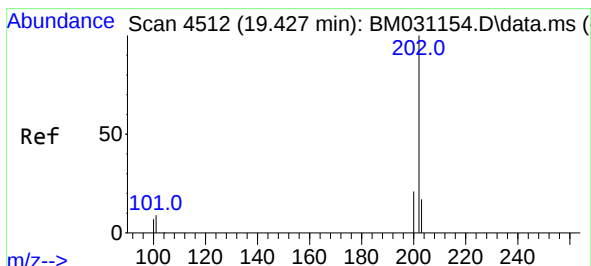
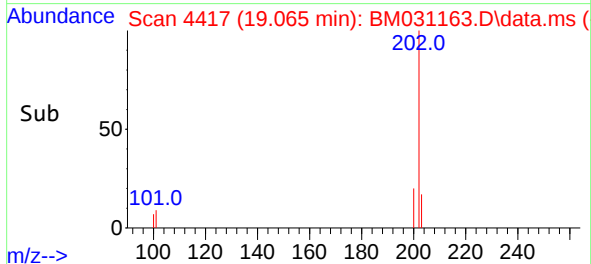
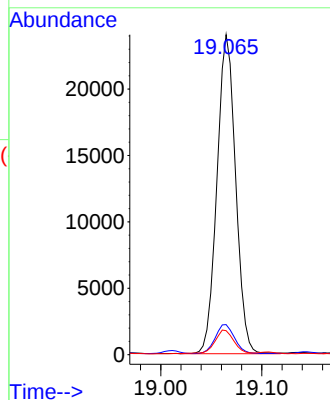
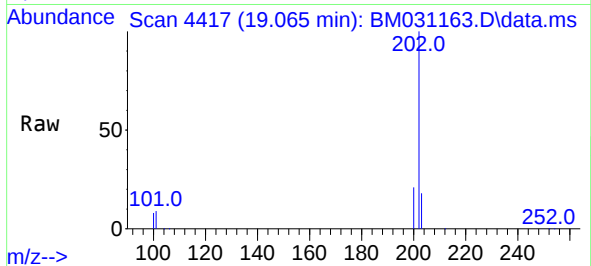
#19
Fluoranthene
Concen: 0.788 ng/u1
RT: 19.065 min Scan# 4417
Delta R.T. -0.001 min
Lab File: BM031163.D
Acq: 26 Jul 2021 15:11

Tgt Ion:	202	Resp:	30689
Ion Ratio	Lower	Upper	
202	100		
101	9.4	6.0	9.0#
100	7.5	4.8	7.2#

Instrument :
BNA_M
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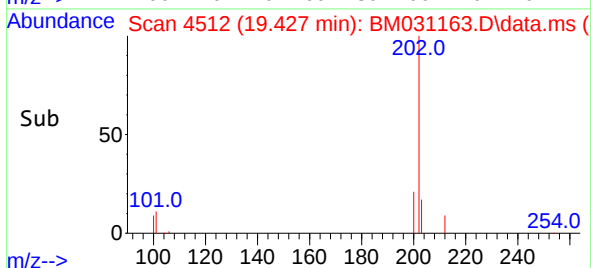
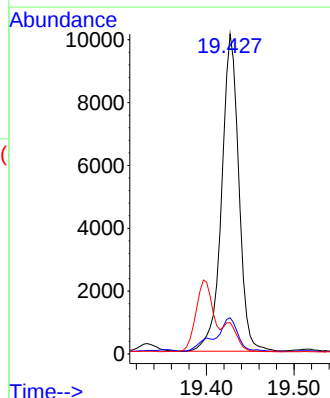
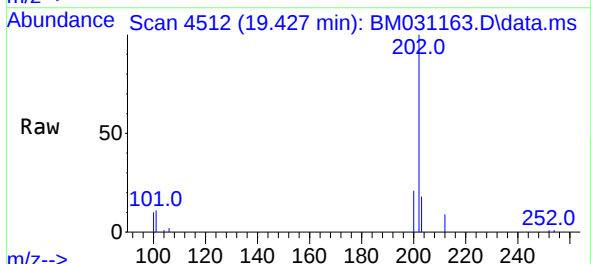
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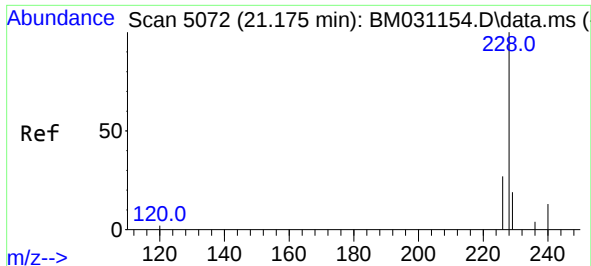
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#20
Pyrene
Concen: 0.347 ng/u1
RT: 19.427 min Scan# 4512
Delta R.T. -0.001 min
Lab File: BM031163.D
Acq: 26 Jul 2021 15:11

Tgt Ion:	202	Resp:	13773
Ion Ratio	Lower	Upper	
202	100		
101	11.3	7.4	11.0#
100	9.8	6.0	9.0#





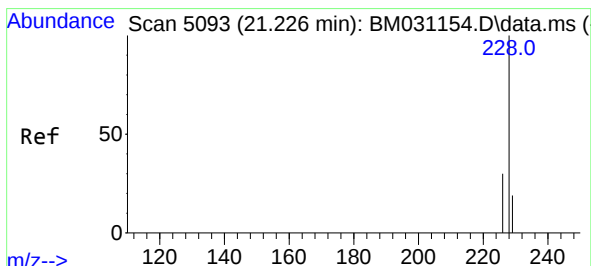
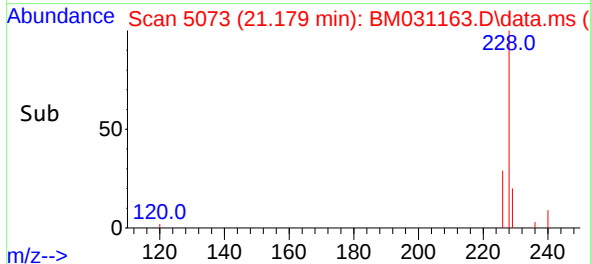
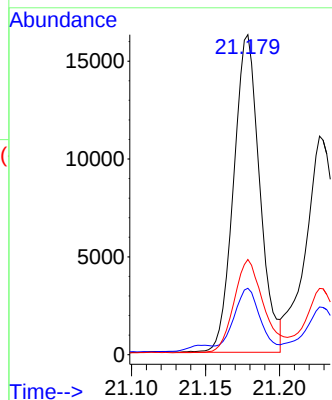
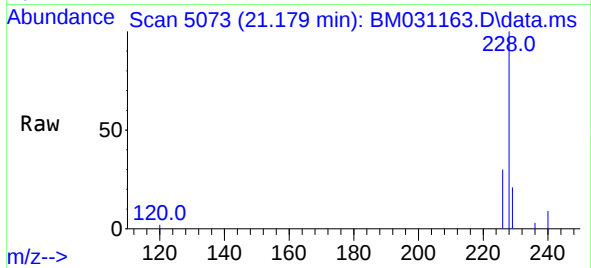
#21
Benzo(a)anthracene
Concen: 0.516 ng/ul
RT: 21.179 min Scan# 5073
Delta R.T. 0.003 min
Lab File: BM031163.D
Acq: 26 Jul 2021 15:11

Tgt Ion:	228	Resp:	19940
Ion Ratio	Lower	Upper	
228	100		
229	20.7	16.0	24.0
226	29.7	21.4	32.2

Instrument :
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ClientSampled :
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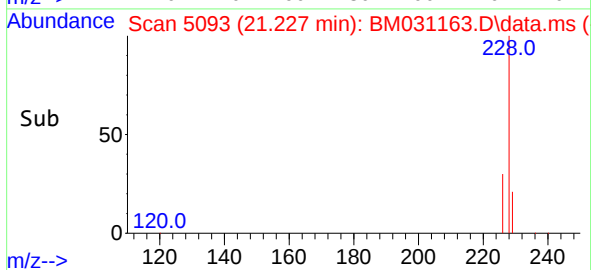
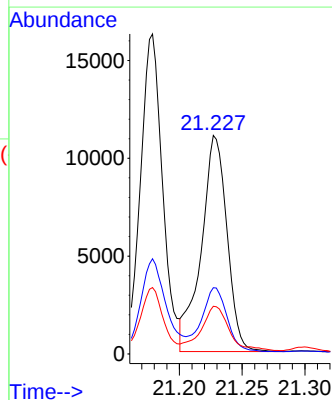
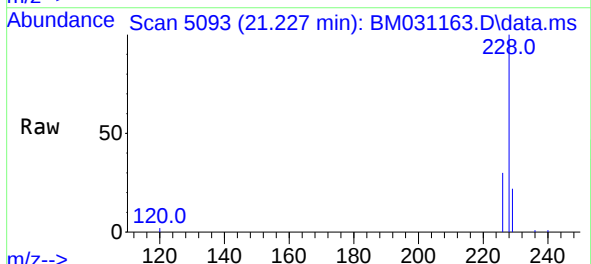
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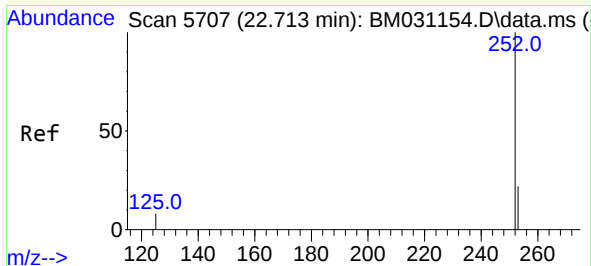
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#22
Chrysene
Concen: 0.377 ng/ul
RT: 21.227 min Scan# 5093
Delta R.T. 0.001 min
Lab File: BM031163.D
Acq: 26 Jul 2021 15:11

Tgt Ion:	228	Resp:	15775
Ion Ratio	Lower	Upper	
228	100		
226	30.3	24.5	36.7
229	21.8	15.8	23.8





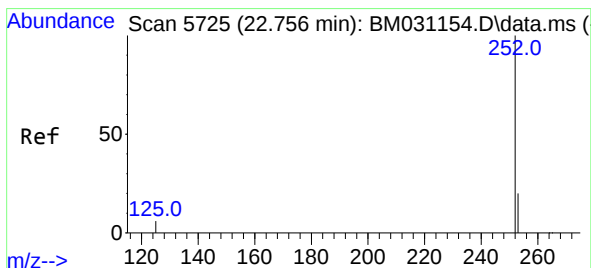
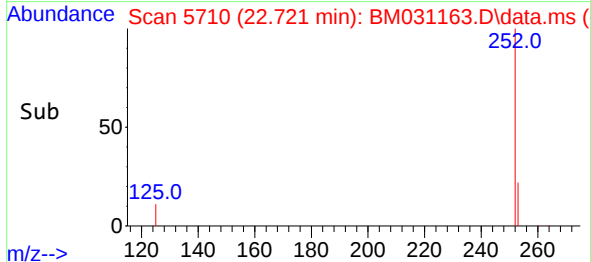
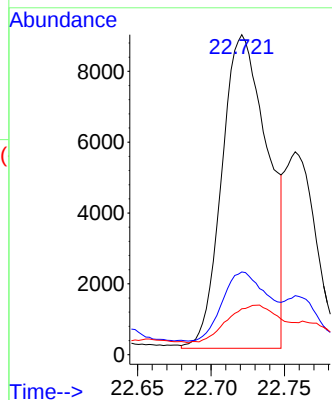
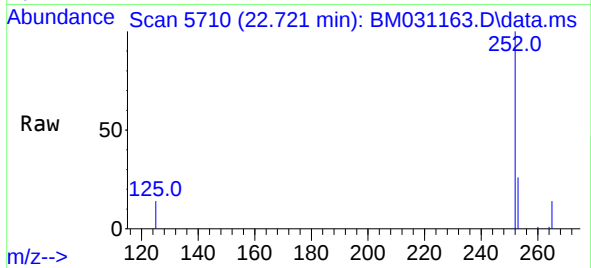
#24
Benzo(b)fluoranthene
Concen: 0.499 ng/ul m
RT: 22.721 min Scan# 5710
Delta R.T. 0.008 min
Lab File: BM031163.D
Acq: 26 Jul 2021 15:11

Tgt Ion:252 Resp: 19236
Ion Ratio Lower Upper
252 100
253 25.9 0.0 52.8
125 14.3 0.0 20.2

Instrument :
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ClientSampled :
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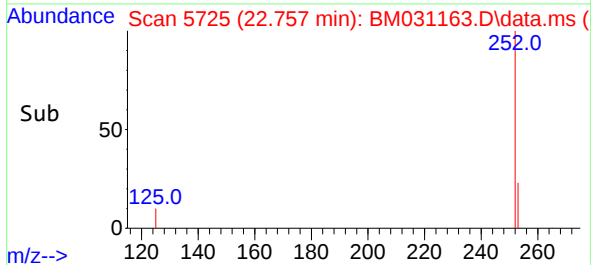
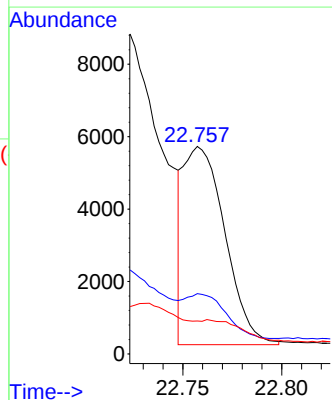
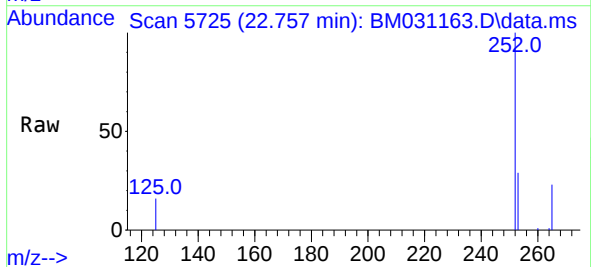
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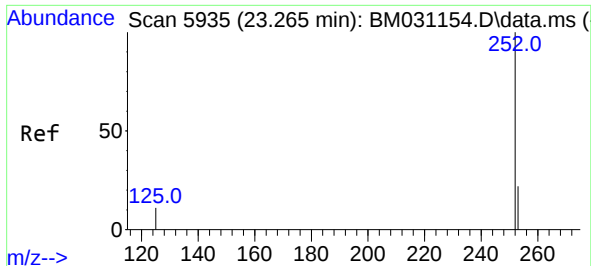
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#25
Benzo(k)fluoranthene
Concen: 0.203 ng/ul m
RT: 22.757 min Scan# 5725
Delta R.T. 0.001 min
Lab File: BM031163.D
Acq: 26 Jul 2021 15:11

Tgt Ion:252 Resp: 7954
Ion Ratio Lower Upper
252 100
253 29.1 21.6 32.4
125 15.9 8.6 13.0#





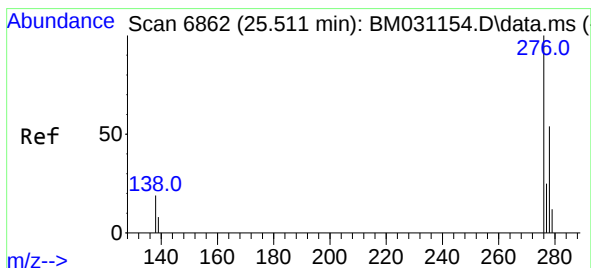
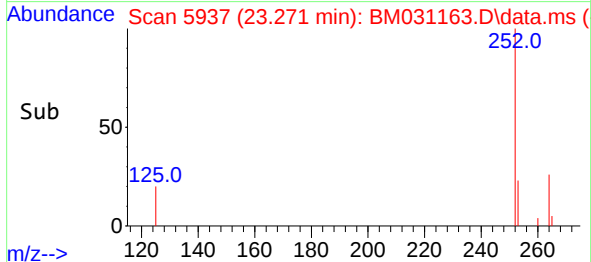
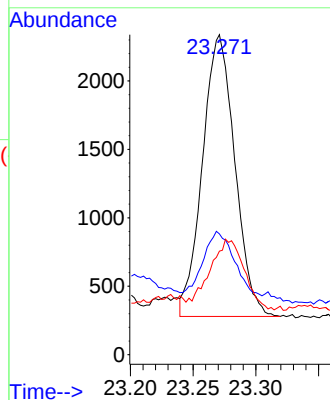
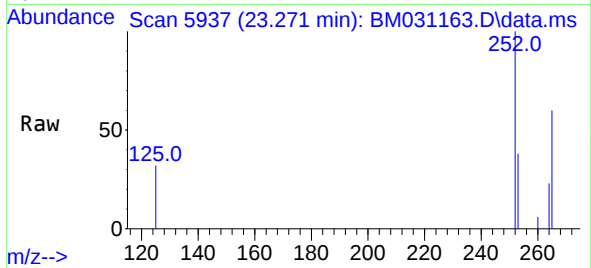
#26
Benzo(a)pyrene
Concen: 0.111 ng/ul
RT: 23.271 min Scan# 5937
Delta R.T. 0.006 min
Lab File: BM031163.D
Acq: 26 Jul 2021 15:11

Tgt Ion:	252	Resp:	3695
Ion Ratio	Lower	Upper	
252	100		
253	37.8	23.1	34.7#
125	32.3	10.7	16.1#

Instrument :
BNA_M
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BGEC3DL

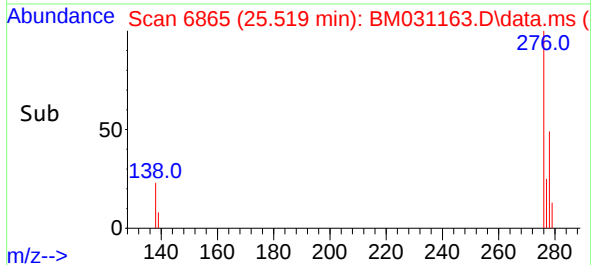
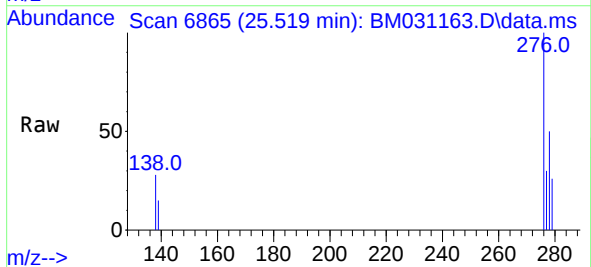
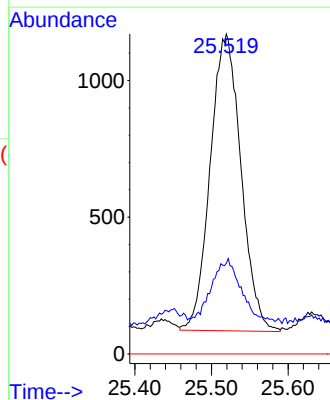
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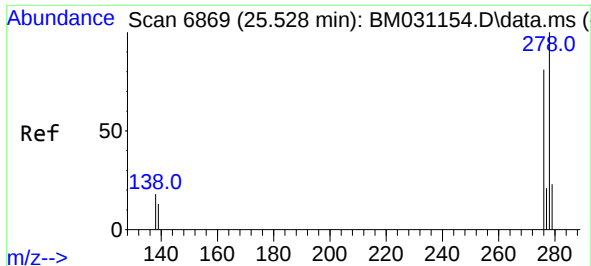
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#27
Indeno(1,2,3-cd)pyrene
Concen: 0.069 ng/ul
RT: 25.519 min Scan# 6865
Delta R.T. 0.008 min
Lab File: BM031163.D
Acq: 26 Jul 2021 15:11

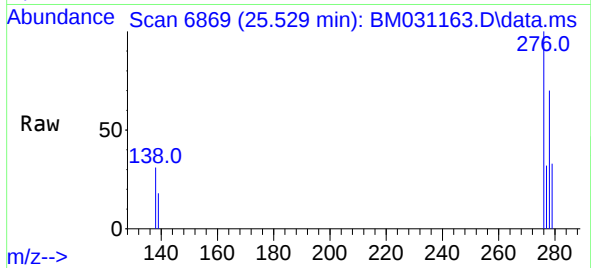
Tgt Ion:	276	Resp:	3023
Ion Ratio	Lower	Upper	
276	100		
138	22.9	15.4	23.0
227	0.0	0.0	0.0





#28
 Dibenzo(a,h)anthracene
 Concen: 0.057 ng/ul
 RT: 25.529 min Scan# 6869
 Delta R.T. 0.001 min
 Lab File: BM031163.D
 Acq: 26 Jul 2021 15:11

Instrument :
 BNA_M
 ClientSampleID :
 BGEC3DL



Tgt Ion:278 Resp: 1983
 Ion Ratio Lower Upper
 278 100
 139 25.3 12.6 18.8#
 279 46.4 22.6 34.0#

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