

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080521\
 Data File : BM031491.D
 Acq On : 05 Aug 2021 20:45
 Operator : CG/JU
 Sample : M3162-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGES4

Manual Integrations
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Quant Time: Aug 06 01:40:07 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 : Thu Aug 05 11:03:39 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.590	152	1187	0.400	ng/ul	0.00
4) Naphthalene-d8	10.352	136	4637	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.220	164	3073	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.968	188	5638	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.164	240	4275	0.400	ng/ul	0.00
23) Perylene-d12	23.319	264	4445	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.186	96	8631	6.547	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.944	152	3627	0.464	ng/ul	0.00
18) Fluoranthene-d10	19.001	212	7139	0.500	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	17.009	178	1284	0.072	ng/ul#	92
19) Fluoranthene	19.031	202	4071	0.223	ng/ul#	95
20) Pyrene	19.397	202	3610m	0.195	ng/ul	
21) Benzo(a)anthracene	21.147	228	1617	0.094	ng/ul	91
22) Chrysene	21.200	228	2288m	0.128	ng/ul	
24) Benzo(b)fluoranthene	22.679	252	3432m	0.171	ng/ul	
25) Benzo(k)fluoranthene	22.718	252	1017m	0.049	ng/ul	
26) Benzo(a)pyrene	23.224	252	2024	0.115	ng/ul#	59
27) Indeno(1,2,3-cd)pyrene	25.456	276	1573	0.069	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.463	278	389	0.021	ng/ul#	1
29) Benzo(g,h,i)perylene	26.105	276	1624	0.084	ng/ul#	83

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

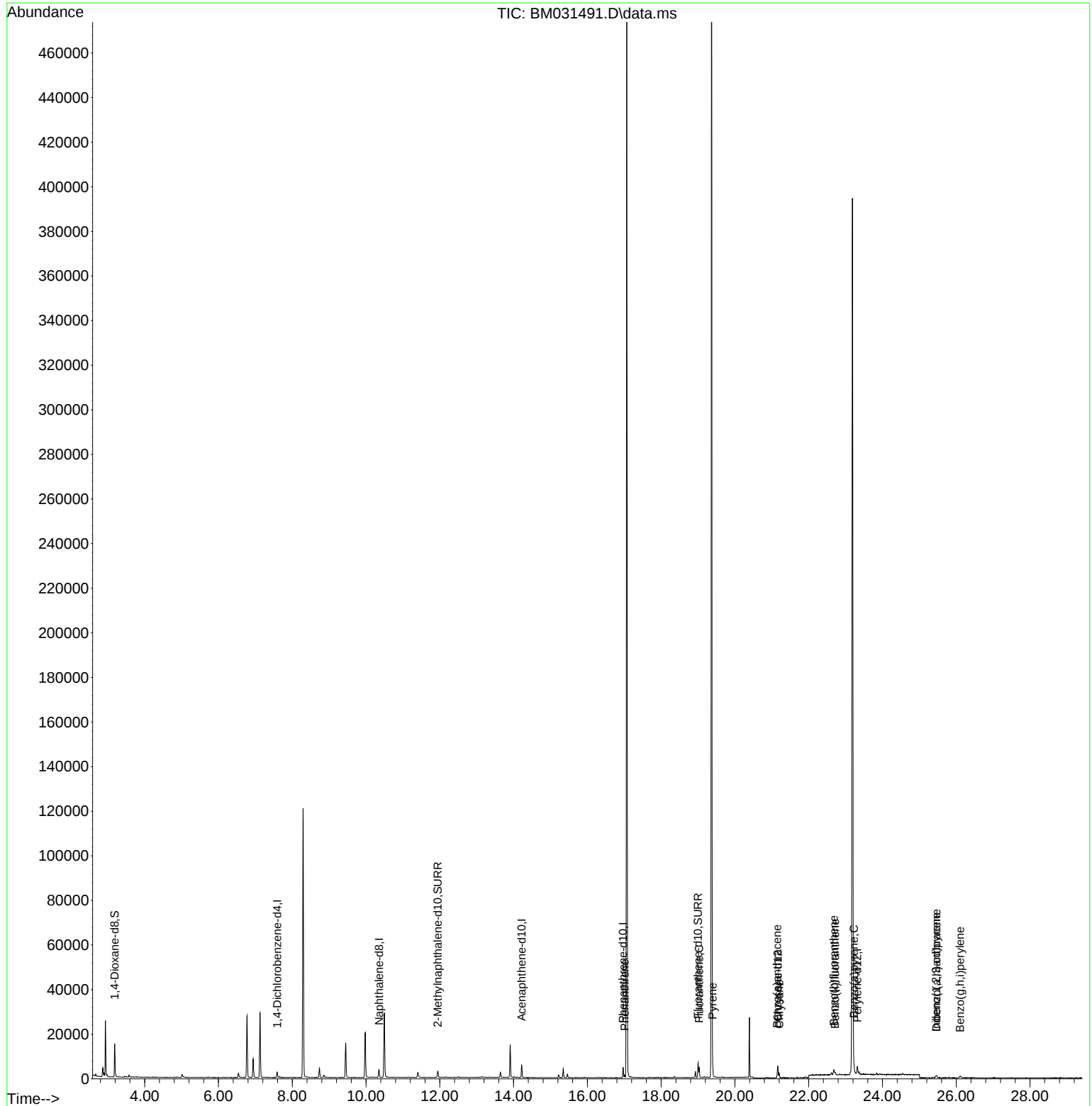
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Data File : BM031491.D
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ALS Vial : 15 Sample Multiplier: 1

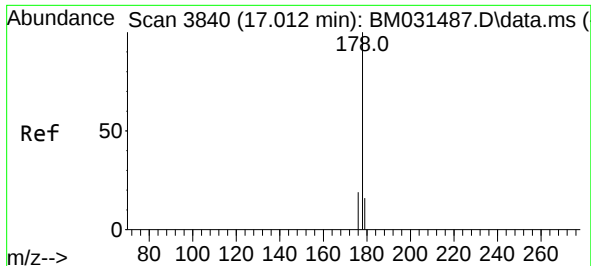
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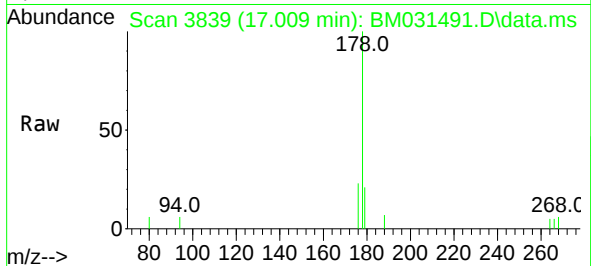
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Quant Time: Aug 06 01:40:07 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 05 11:03:39 2021
Response via : Initial Calibration

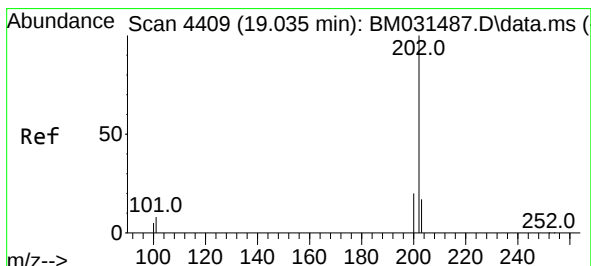
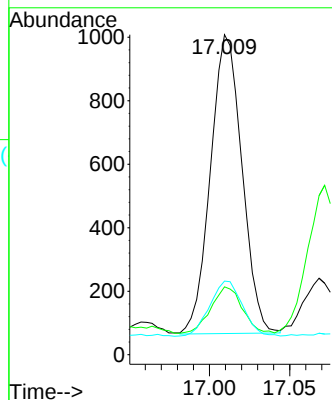
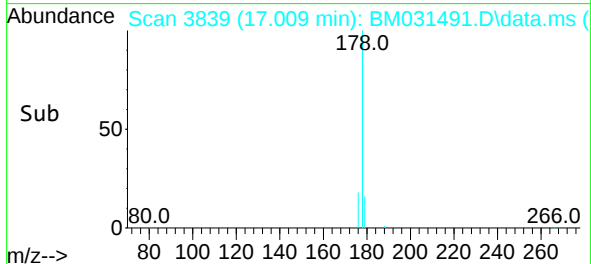




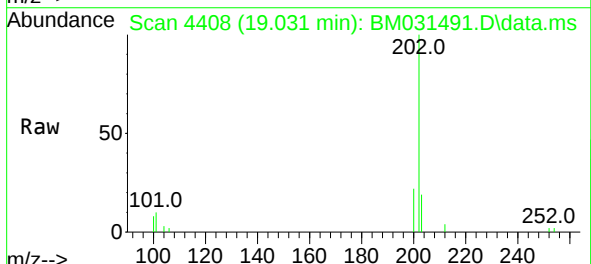
#15
Phenanthrene
Concen: 0.072 ng/ul
RT: 17.009 min Scan# 3839
Delta R.T. -0.003 min
Lab File: BM031491.D
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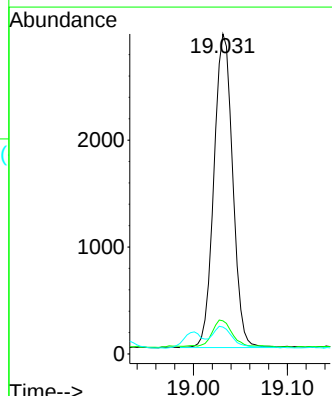
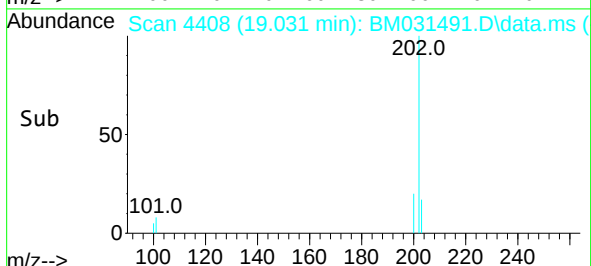
Tgt Ion:178 Resp: 1284
Ion Ratio Lower Upper
178 100
179 21.2 13.3 19.9#
176 23.0 16.2 24.4



#19
Fluoranthene
Concen: 0.223 ng/ul
RT: 19.031 min Scan# 4408
Delta R.T. -0.004 min
Lab File: BM031491.D
Acq: 05 Aug 2021 20:45



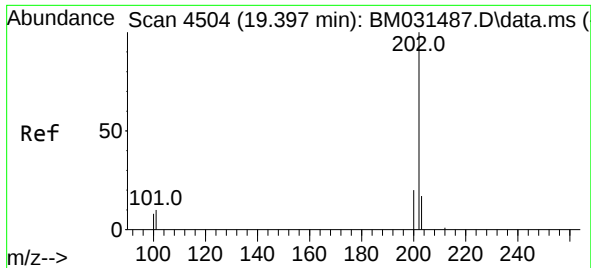
Tgt Ion:202 Resp: 4071
Ion Ratio Lower Upper
202 100
101 10.4 6.6 10.0#
100 8.4 5.4 8.0#



Instrument :
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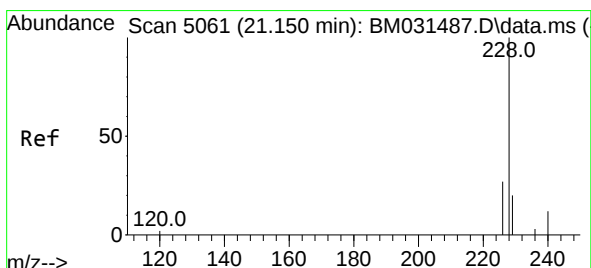
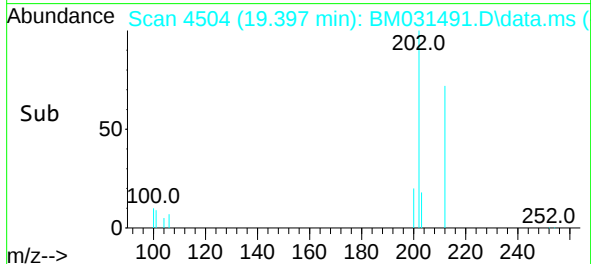
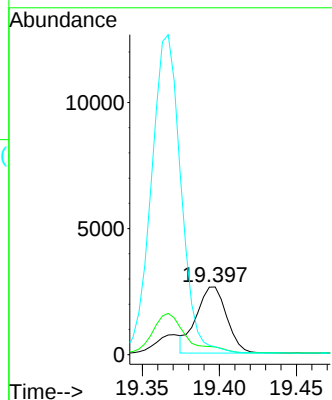
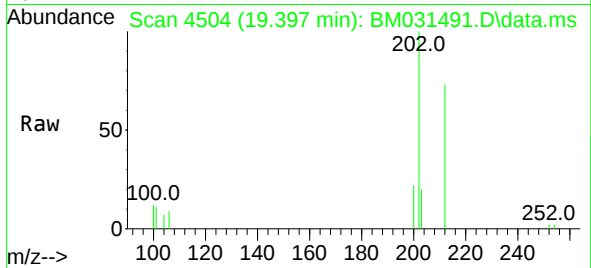
#20
Pyrene
Concen: 0.195 ng/ul m
RT: 19.397 min Scan# 4504
Delta R.T. -0.000 min
Lab File: BM031491.D
Acq: 05 Aug 2021 20:45

Tgt Ion:202 Resp: 3610
Ion Ratio Lower Upper
202 100
101 11.4 7.8 11.6
100 11.7 6.6 10.0#

Instrument :
BNA_M
ClientSampled :
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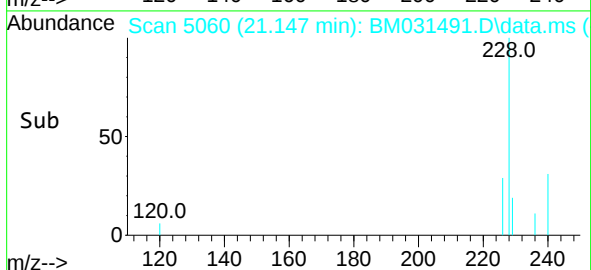
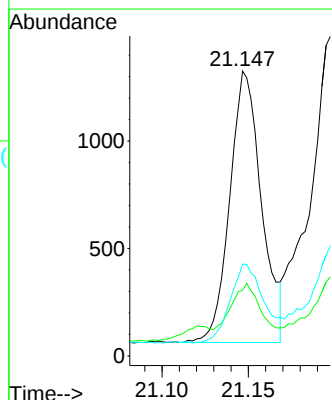
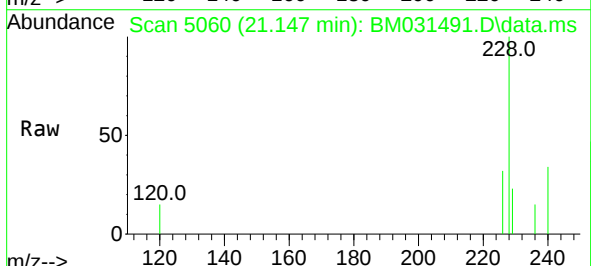
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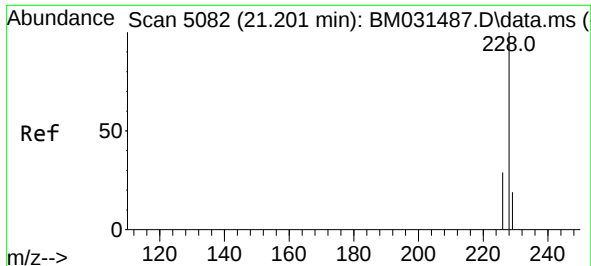
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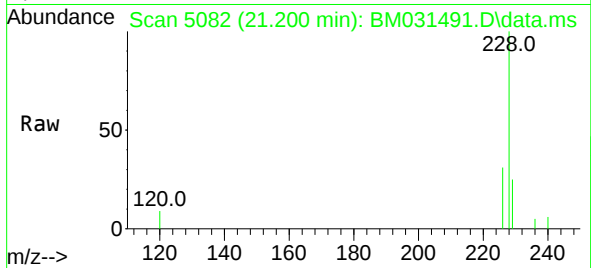
#21
Benzo(a)anthracene
Concen: 0.094 ng/ul
RT: 21.147 min Scan# 5060
Delta R.T. -0.002 min
Lab File: BM031491.D
Acq: 05 Aug 2021 20:45

Tgt Ion:228 Resp: 1617
Ion Ratio Lower Upper
228 100
229 23.1 15.6 23.4
226 32.2 21.7 32.5

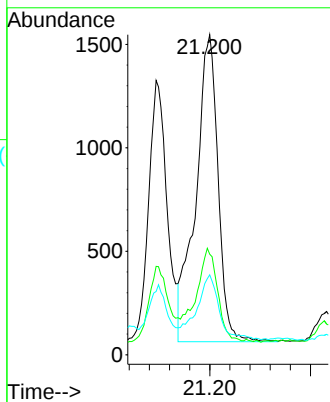
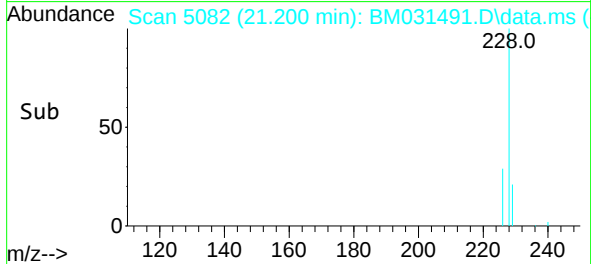




#22
Chrysene
Concen: 0.128 ng/ul m
RT: 21.200 min Scan# 5082
Delta R.T. -0.000 min
Lab File: BM031491.D
Acq: 05 Aug 2021 20:45



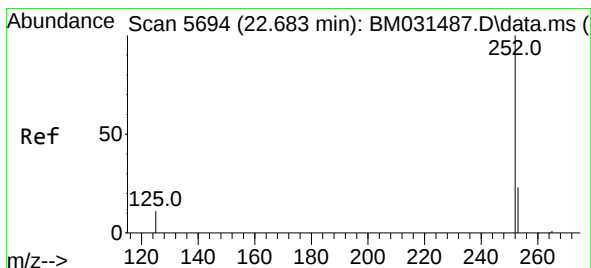
Tgt Ion:228 Resp: 2288
Ion Ratio Lower Upper
228 100
226 31.4 24.7 37.1
229 25.0 16.2 24.2#



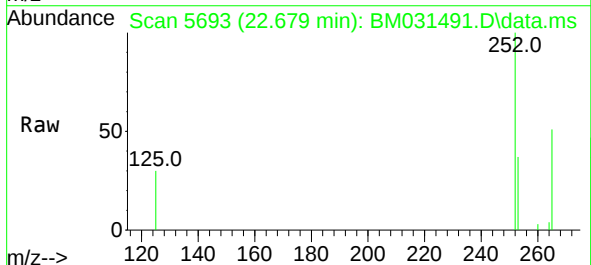
Instrument :
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ClientSampled :
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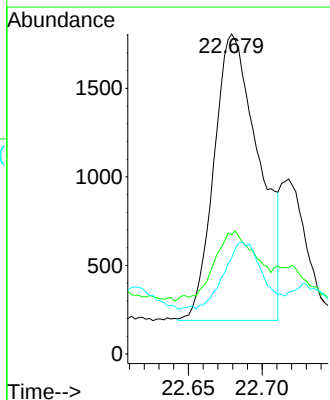
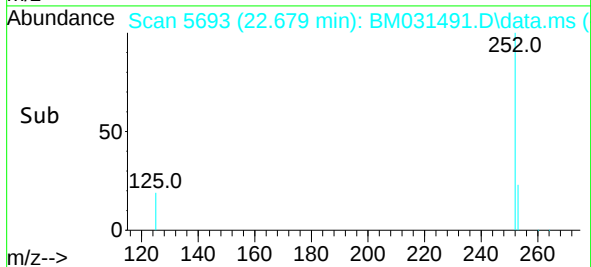
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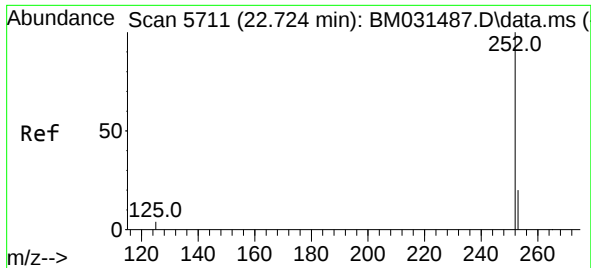


#24
Benzo(b)fluoranthene
Concen: 0.171 ng/ul m
RT: 22.679 min Scan# 5693
Delta R.T. -0.000 min
Lab File: BM031491.D
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Tgt Ion:252 Resp: 3432
Ion Ratio Lower Upper
252 100
253 37.3 0.0 53.0
125 30.0 0.0 22.8#





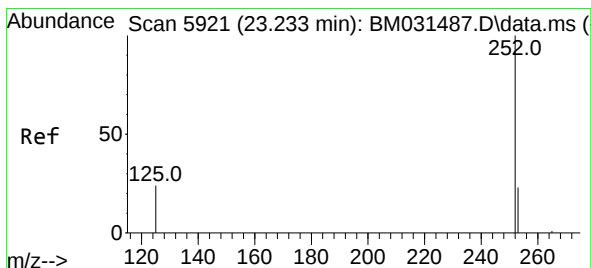
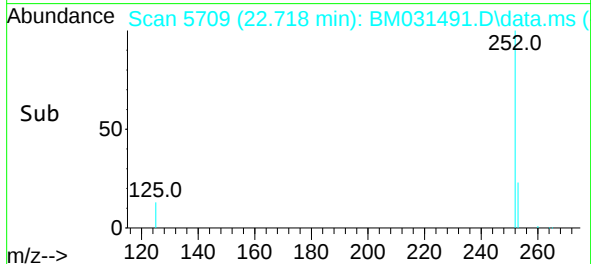
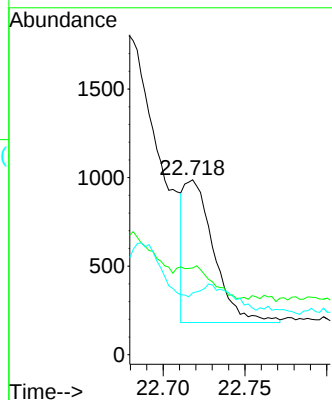
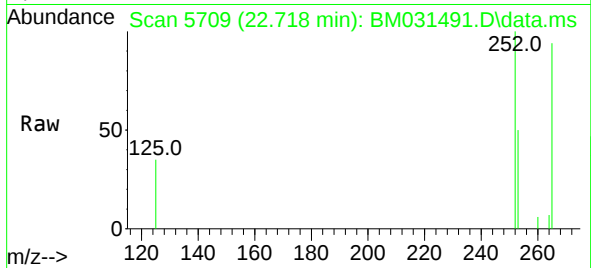
#25
Benzo(k)fluoranthene
Concen: 0.049 ng/ul m
RT: 22.718 min Scan# 5709
Delta R.T. -0.005 min
Lab File: BM031491.D
Acq: 05 Aug 2021 20:45

Tgt Ion:252 Resp: 1017
Ion Ratio Lower Upper
252 100
253 49.6 21.3 31.9#
125 35.3 8.8 13.2#

Instrument :
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BGES4

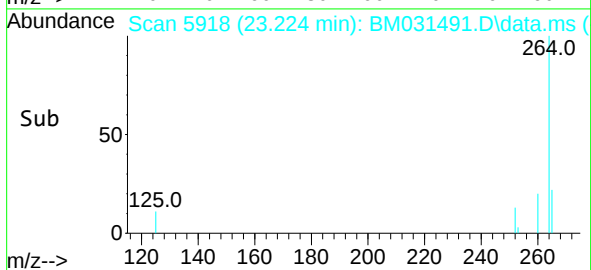
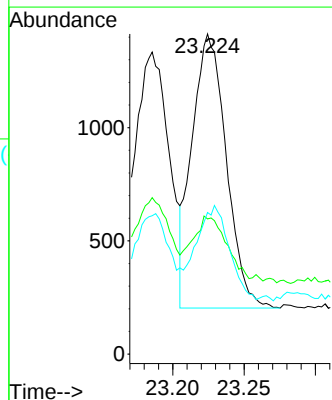
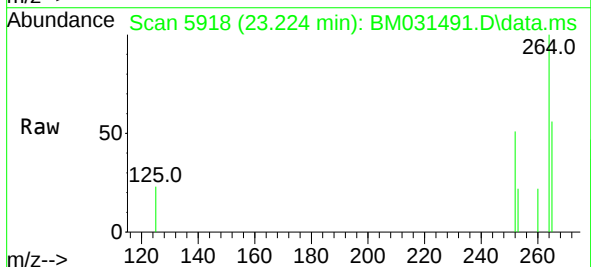
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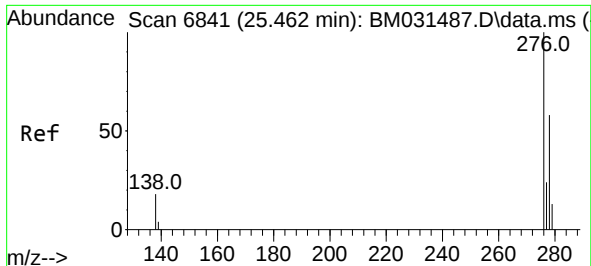
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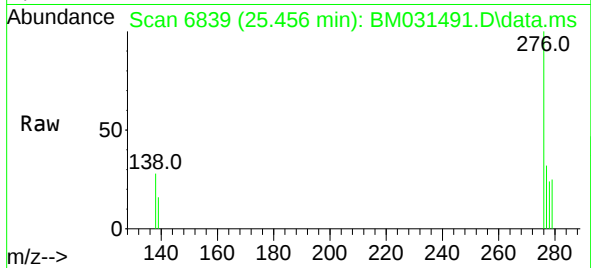
#26
Benzo(a)pyrene
Concen: 0.115 ng/ul
RT: 23.224 min Scan# 5918
Delta R.T. -0.005 min
Lab File: BM031491.D
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Tgt Ion:252 Resp: 2024
Ion Ratio Lower Upper
252 100
253 42.2 22.4 33.6#
125 44.2 13.0 19.4#

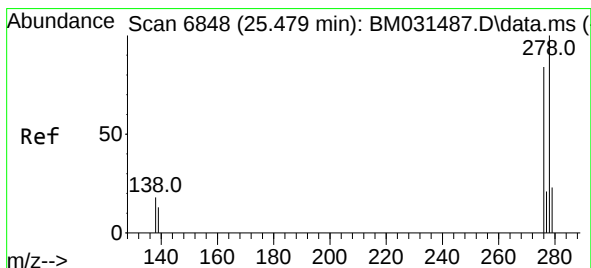
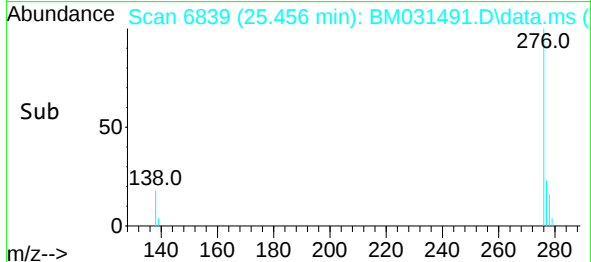
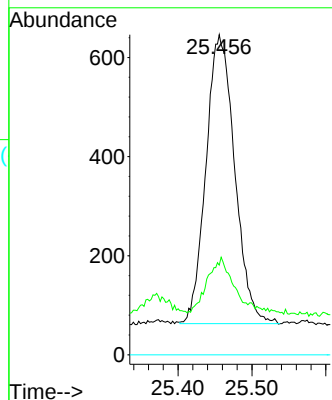




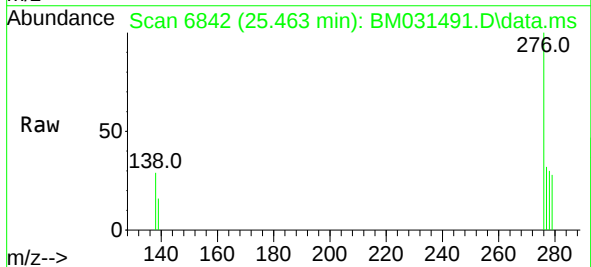
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.069 ng/ul
RT: 25.456 min Scan# 6839
Delta R.T. -0.005 min
Lab File: BM031491.D
Acq: 05 Aug 2021 20:45



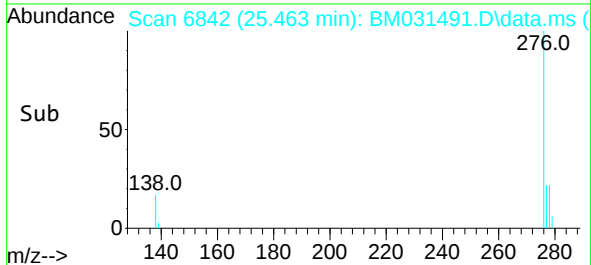
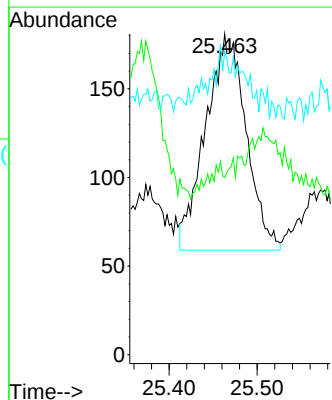
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Ion Ratio Lower Upper
276 100
138 19.3 15.8 23.8
227 0.0 0.0 0.0



#28
Dibenzo(a,h)anthracene
Concen: 0.021 ng/ul
RT: 25.463 min Scan# 6842
Delta R.T. -0.010 min
Lab File: BM031491.D
Acq: 05 Aug 2021 20:45



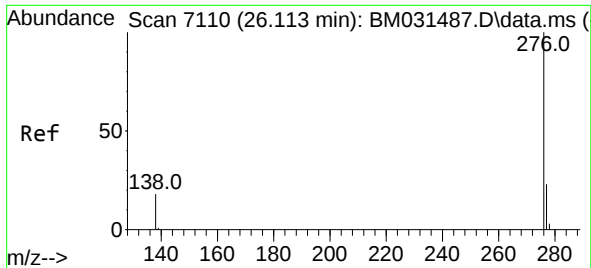
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Ion Ratio Lower Upper
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139 55.2 13.3 19.9#
279 94.5 22.8 34.2#



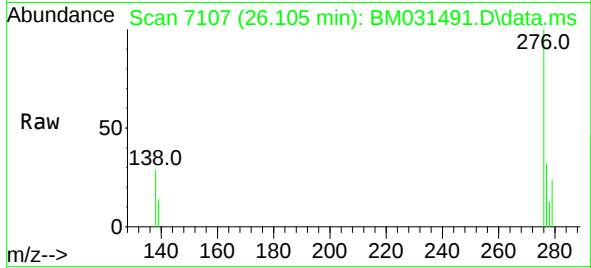
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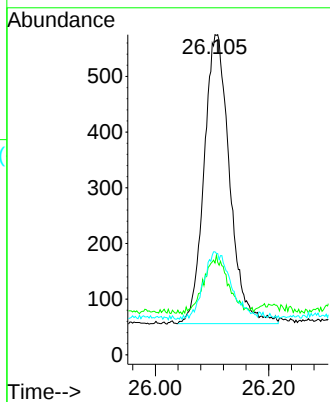
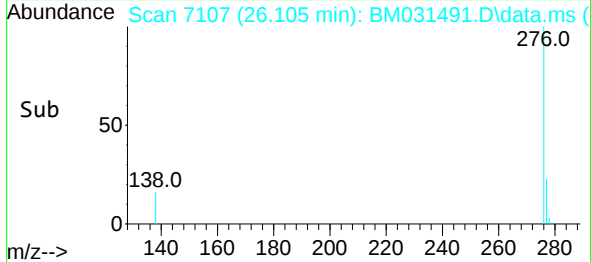
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#29
Benzo(g,h,i)perylene
Concen: 0.084 ng/ul
RT: 26.105 min Scan# 7107
Delta R.T. -0.005 min
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Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.7	15.4	23.2#
277	32.2	19.9	29.9#



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