

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072921\
 Data File : BM031299.D
 Acq On : 31 Jul 2021 06:32
 Operator : CG/JU
 Sample : M3106-08
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGD04

Manual Integrations
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Quant Time: Jul 31 07:39:56 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 : Sat Jul 31 06:03:25 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.607	152	1340	0.400	ng/ul	0.00
4) Naphthalene-d8	10.370	136	4942	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.239	164	2903	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.985	188	5733	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.173	240	4620	0.400	ng/ul	# 0.00
23) Perylene-d12	23.336	264	4727	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	2215	1.488	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.966	152	1215	0.146	ng/ul	0.00
18) Fluoranthene-d10	19.016	212	2576	0.167	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.414	128	311	0.021	ng/ul#	54
10) Acenaphthylene	13.959	152	310	0.025	ng/ul#	58
15) Phenanthrene	17.027	178	4424	0.243	ng/ul	98
16) Anthracene	17.117	178	1314	0.077	ng/ul#	89
19) Fluoranthene	19.046	202	16417	0.832	ng/ul	98
20) Pyrene	19.409	202	13897	0.695	ng/ul	97
21) Benzo(a)anthracene	21.156	228	8142	0.436	ng/ul	95
22) Chrysene	21.209	228	8541	0.443	ng/ul	98
24) Benzo(b)fluoranthene	22.694	252	11389m	0.535	ng/ul	
25) Benzo(k)fluoranthene	22.730	252	4138m	0.188	ng/ul	
26) Benzo(a)pyrene	23.241	252	6669	0.358	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	25.477	276	5096	0.211	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.482	278	1392	0.072	ng/ul#	54
29) Benzo(g,h,i)perylene	26.127	276	556	0.027	ng/ul#	47

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

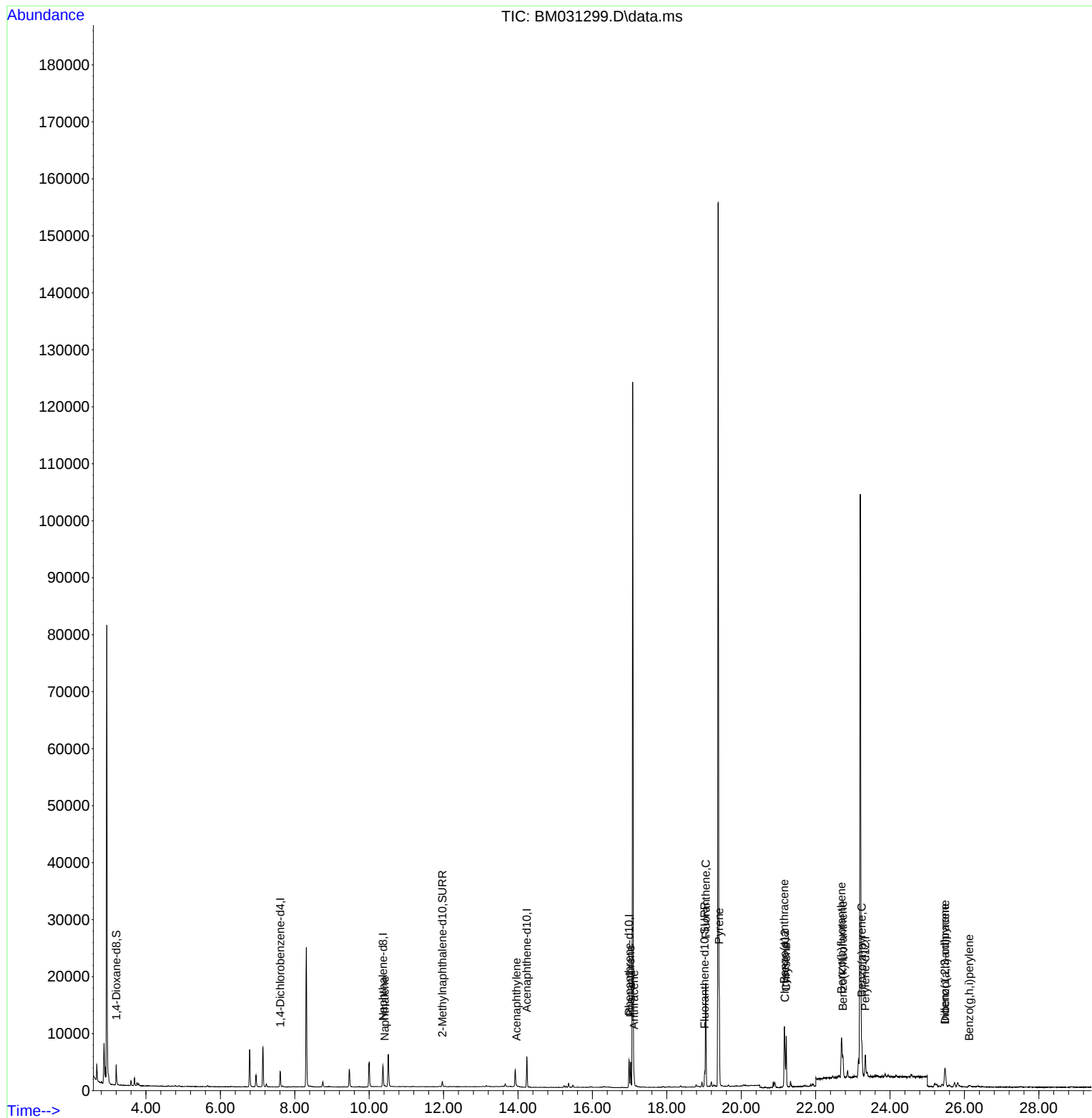
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072921\
Data File : BM031299.D
Acq On : 31 Jul 2021 06:32
Operator : CG/JU
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ALS Vial : 64 Sample Multiplier: 1

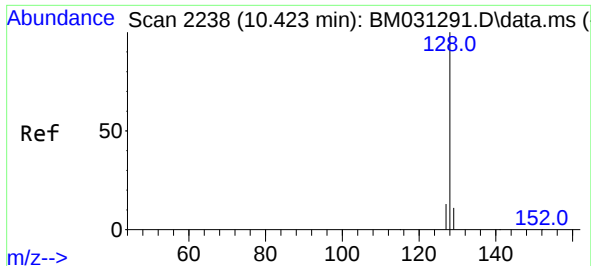
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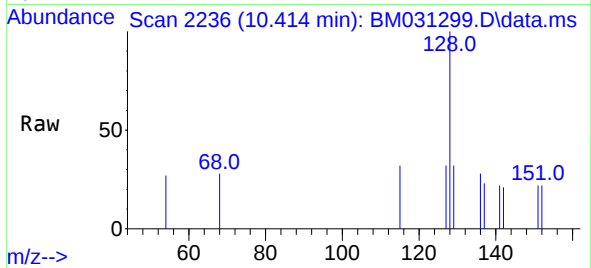
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Quant Time: Jul 31 07:39:56 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
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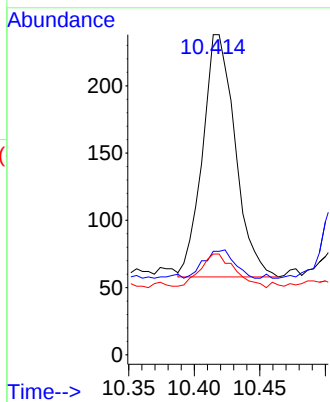
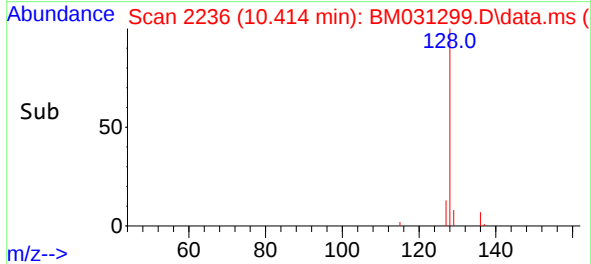


#5
Naphthalene
Concen: 0.021 ng/ul
RT: 10.414 min Scan# 2236
Delta R.T. -0.008 min
Lab File: BM031299.D
Acq: 31 Jul 2021 06:32



Tgt Ion:128 Resp: 311

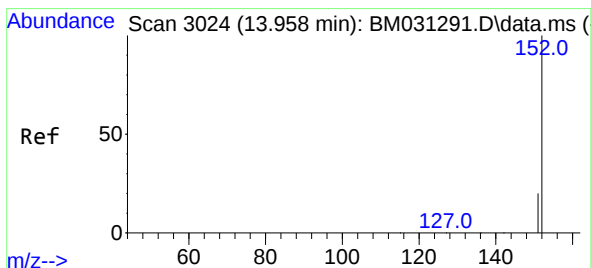
Ion	Ratio	Lower	Upper
128	100		
129	32.4	10.0	15.0#
127	31.5	11.6	17.4#



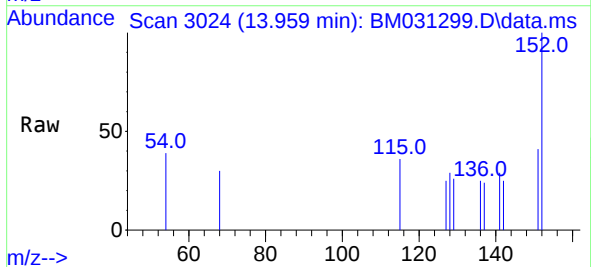
Instrument :
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ClientSampled :
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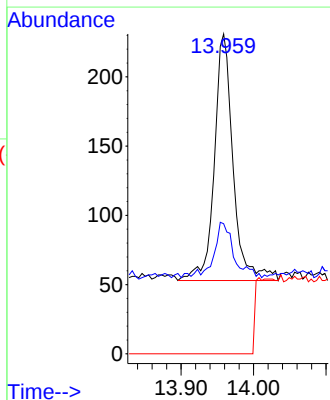
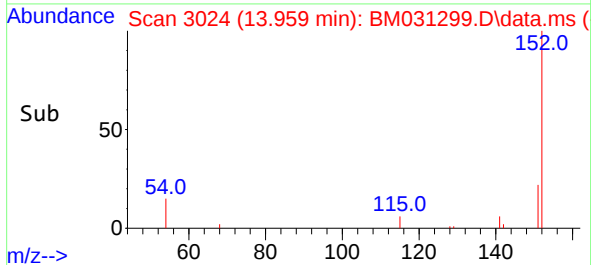


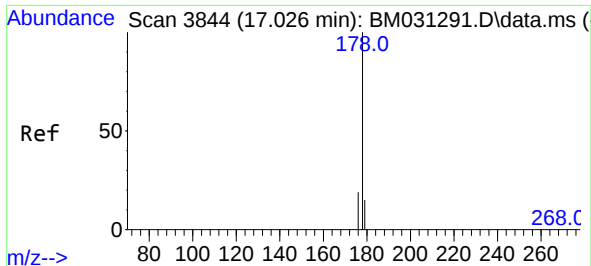
#10
Acenaphthylene
Concen: 0.025 ng/ul
RT: 13.959 min Scan# 3024
Delta R.T. -0.004 min
Lab File: BM031299.D
Acq: 31 Jul 2021 06:32



Tgt Ion:152 Resp: 310

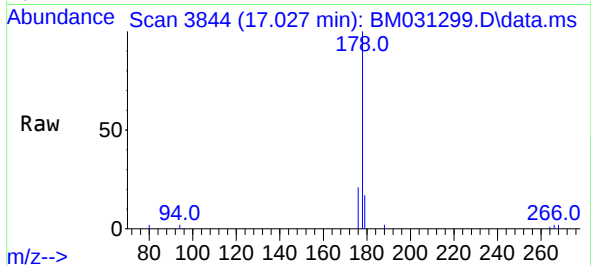
Ion	Ratio	Lower	Upper
152	100		
151	40.7	16.9	25.3#
153	0.0	0.0	0.0





#15
Phenanthrene
Concen: 0.243 ng/ul
RT: 17.027 min Scan# 3844
Delta R.T. -0.003 min
Lab File: BM031299.D
Acq: 31 Jul 2021 06:32

Instrument :
BNA_M
ClientSampled :
BGD04

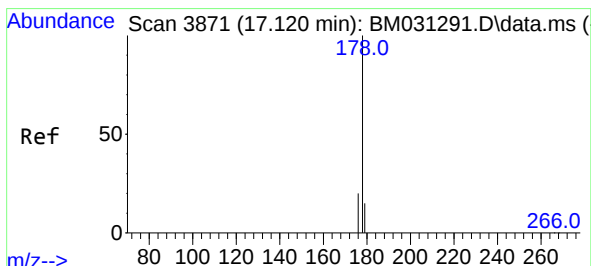
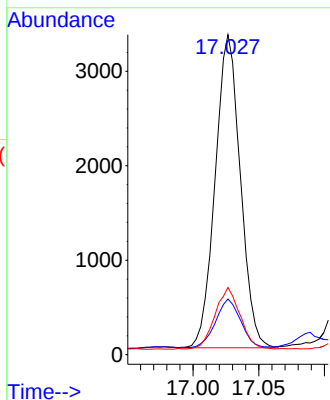


Tgt Ion:178 Resp: 4424

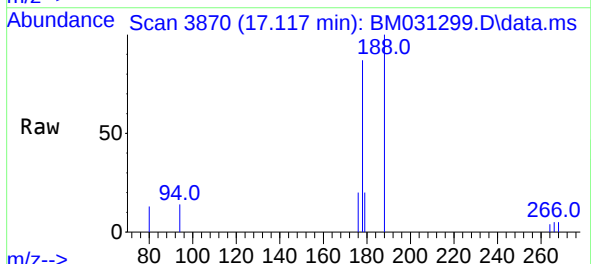
Ion	Ratio	Lower	Upper
178	100		
179	17.4	13.3	19.9
176	21.0	16.2	24.4

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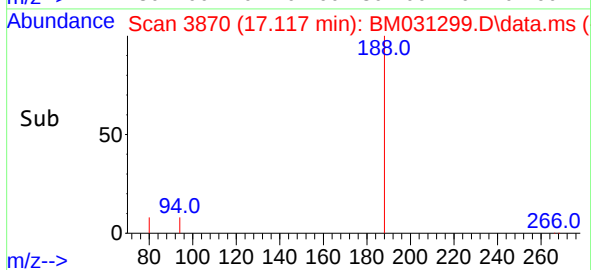
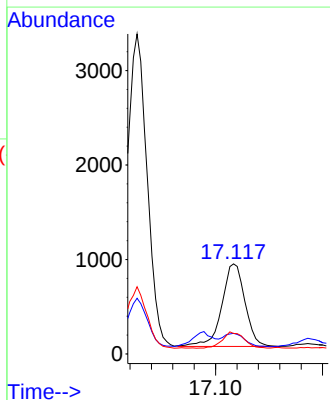


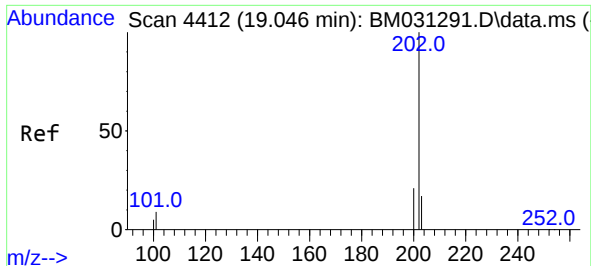
#16
Anthracene
Concen: 0.077 ng/ul
RT: 17.117 min Scan# 3870
Delta R.T. -0.003 min
Lab File: BM031299.D
Acq: 31 Jul 2021 06:32



Tgt Ion:178 Resp: 1314

Ion	Ratio	Lower	Upper
178	100		
179	22.9	13.0	19.6#
176	22.6	15.6	23.4





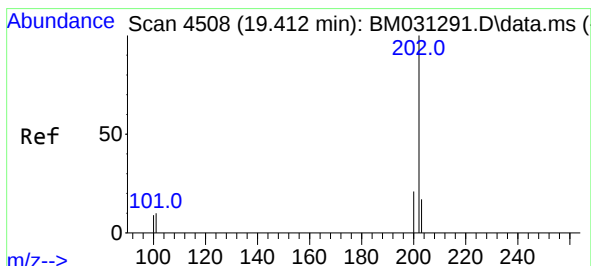
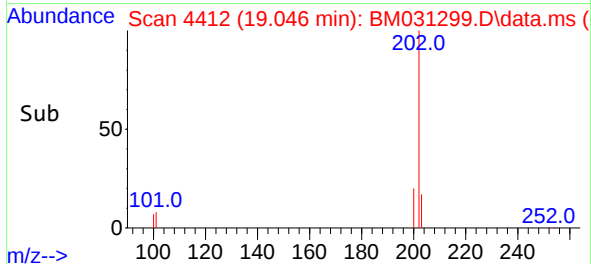
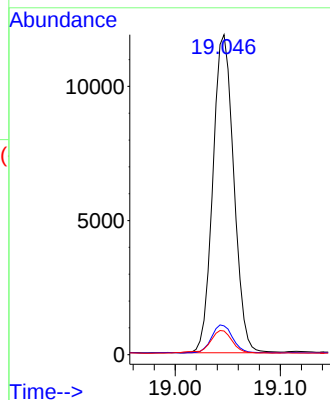
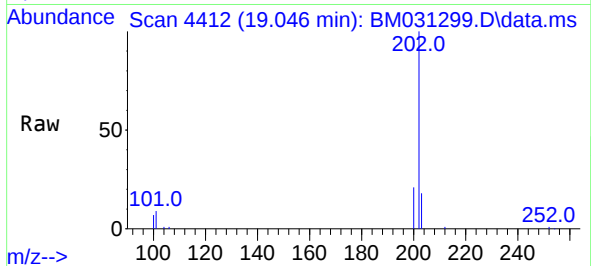
#19
Fluoranthene
Concen: 0.832 ng/u1
RT: 19.046 min Scan# 4412
Delta R.T. -0.004 min
Lab File: BM031299.D
Acq: 31 Jul 2021 06:32

Tgt Ion:	202	Resp:	16417
Ion Ratio	Lower	Upper	
202	100		
101	9.0	6.6	10.0
100	7.4	5.4	8.0

Instrument :
BNA_M
ClientSampleId :
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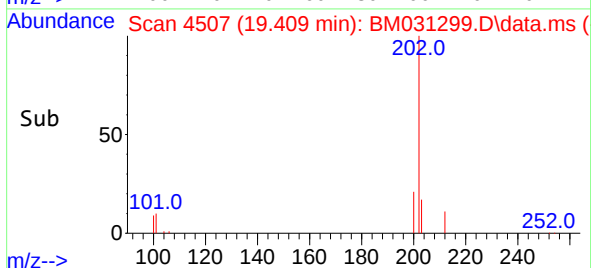
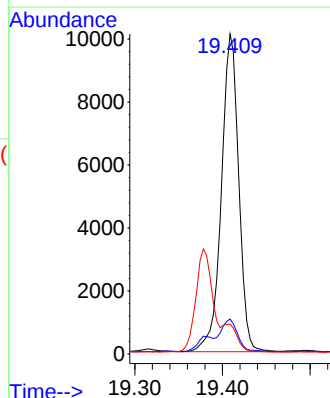
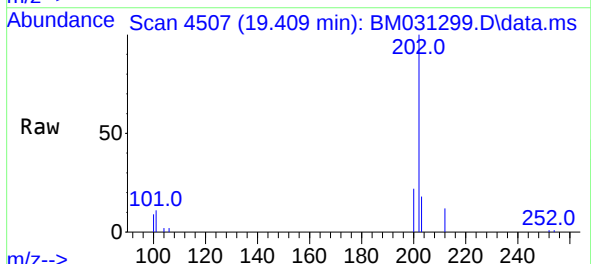
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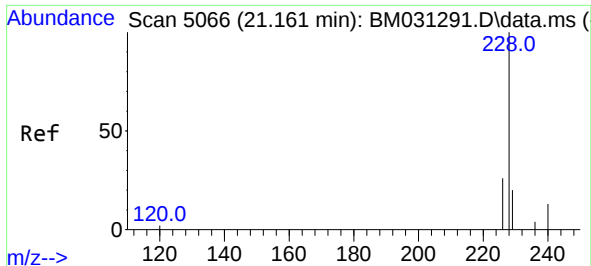
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#20
Pyrene
Concen: 0.695 ng/u1
RT: 19.409 min Scan# 4507
Delta R.T. -0.004 min
Lab File: BM031299.D
Acq: 31 Jul 2021 06:32

Tgt Ion:	202	Resp:	13897
Ion Ratio	Lower	Upper	
202	100		
101	10.9	7.8	11.6
100	9.3	6.6	10.0





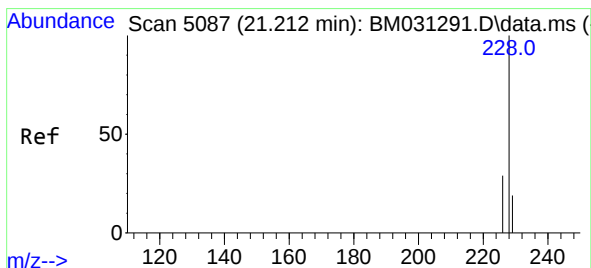
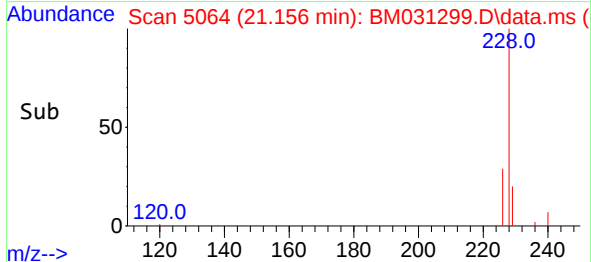
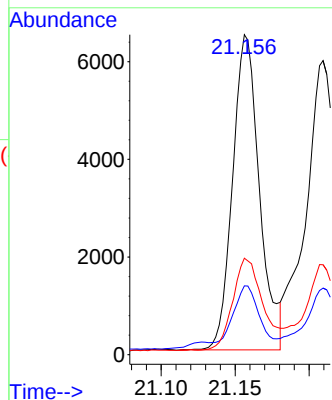
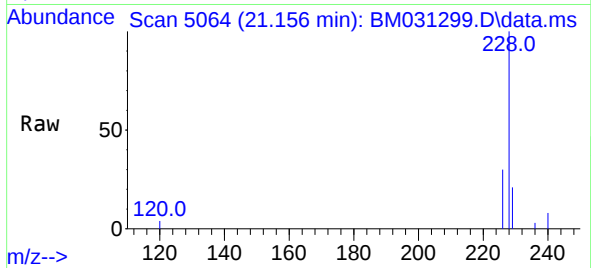
#21
Benzo(a)anthracene
Concen: 0.436 ng/ul
RT: 21.156 min Scan# 5064
Delta R.T. -0.005 min
Lab File: BM031299.D
Acq: 31 Jul 2021 06:32

Tgt Ion:228	Resp:	8142
Ion Ratio	Lower	Upper
228	100	
229	21.5	15.6 23.4
226	30.1	21.7 32.5

Instrument :
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ClientSampleId :
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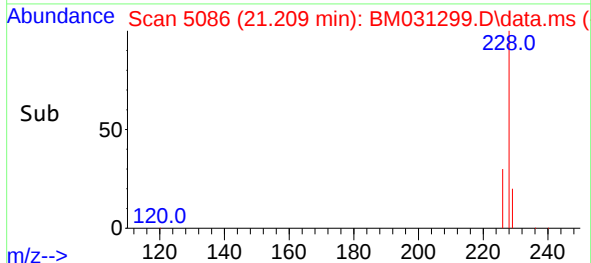
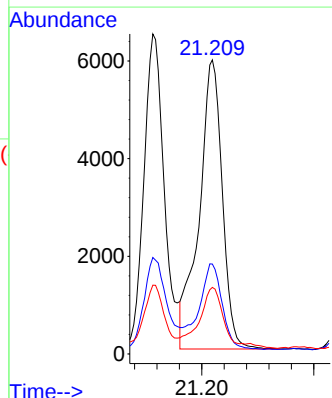
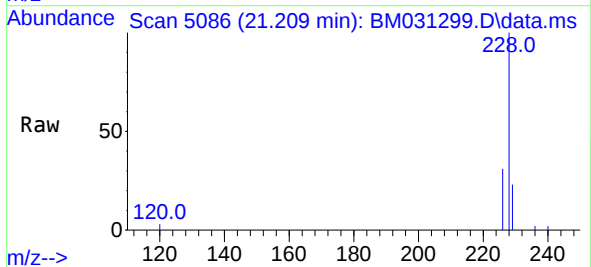
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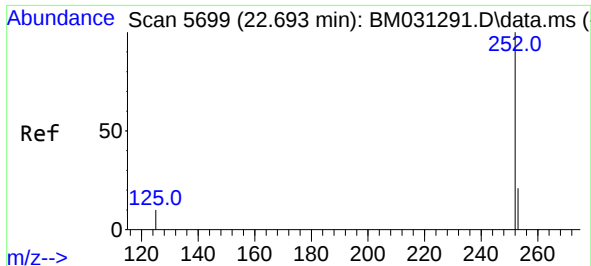
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#22
Chrysene
Concen: 0.443 ng/ul
RT: 21.209 min Scan# 5086
Delta R.T. -0.005 min
Lab File: BM031299.D
Acq: 31 Jul 2021 06:32

Tgt Ion:228	Resp:	8541
Ion Ratio	Lower	Upper
228	100	
226	30.6	24.7 37.1
229	22.6	16.2 24.2





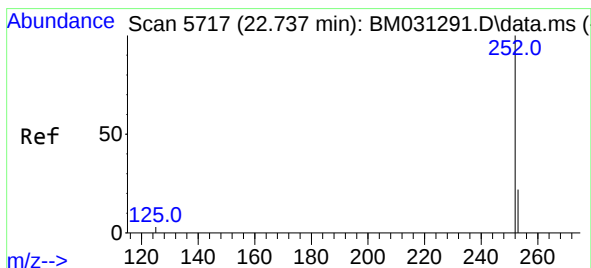
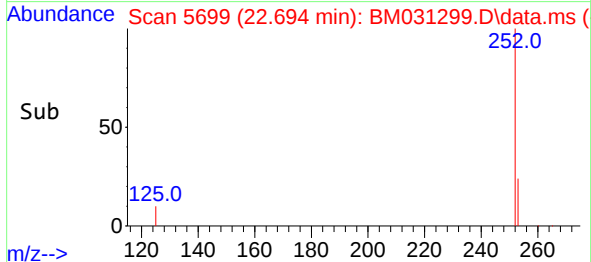
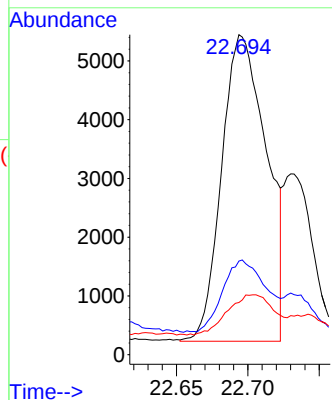
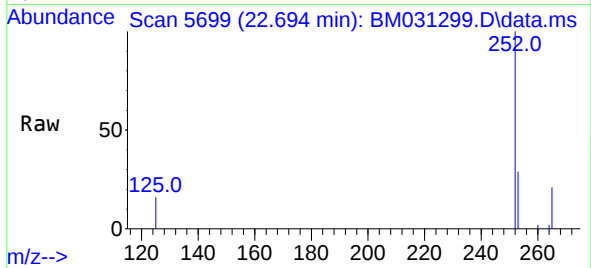
#24
Benzo(b)fluoranthene
Concen: 0.535 ng/ul m
RT: 22.694 min Scan# 5699
Delta R.T. -0.005 min
Lab File: BM031299.D
Acq: 31 Jul 2021 06:32

Tgt Ion:	252	Resp:	11389
Ion Ratio	Lower	Upper	
252	100		
253	29.2	0.0	53.0
125	16.3	0.0	22.8

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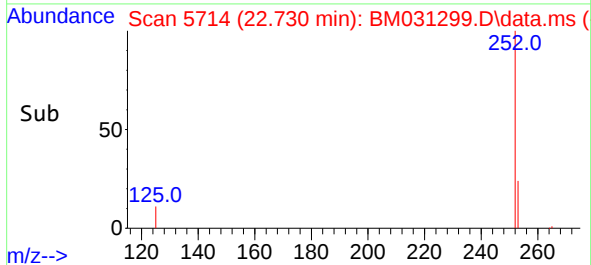
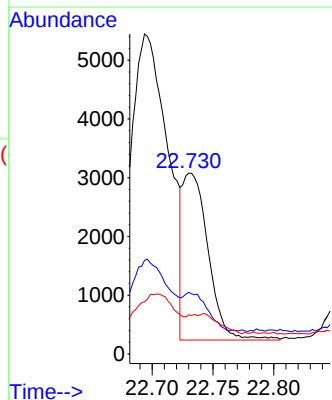
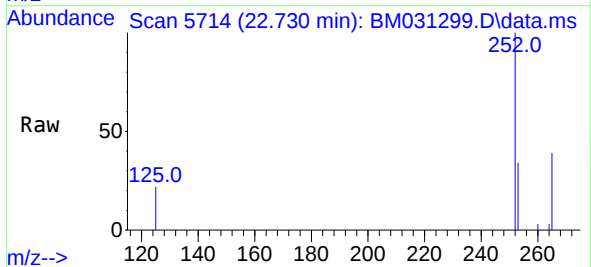
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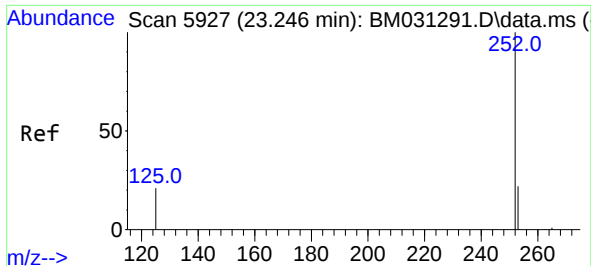
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#25
Benzo(k)fluoranthene
Concen: 0.188 ng/ul m
RT: 22.730 min Scan# 5714
Delta R.T. -0.009 min
Lab File: BM031299.D
Acq: 31 Jul 2021 06:32

Tgt Ion:	252	Resp:	4138
Ion Ratio	Lower	Upper	
252	100		
253	34.1	21.3	31.9#
125	21.6	8.8	13.2#





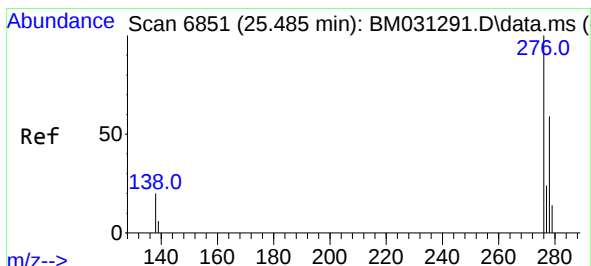
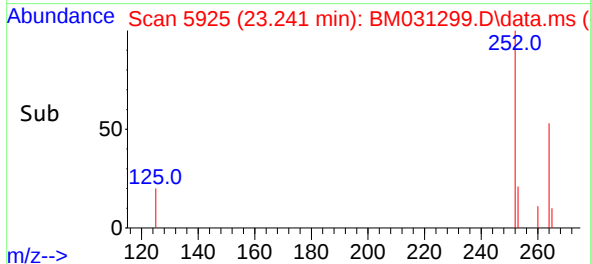
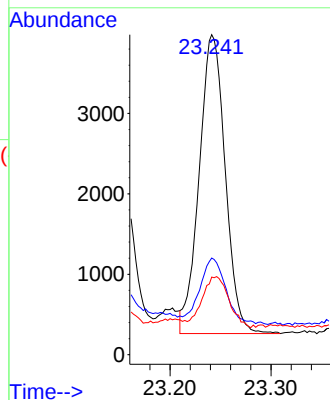
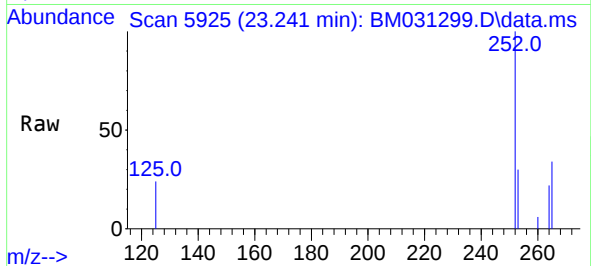
#26
Benzo(a)pyrene
Concen: 0.358 ng/ul
RT: 23.241 min Scan# 5925
Delta R.T. -0.007 min
Lab File: BM031299.D
Acq: 31 Jul 2021 06:32

Tgt Ion:	252	Resp:	6669
Ion Ratio	Lower	Upper	
252	100		
253	30.2	22.4	33.6
125	24.3	13.0	19.4#

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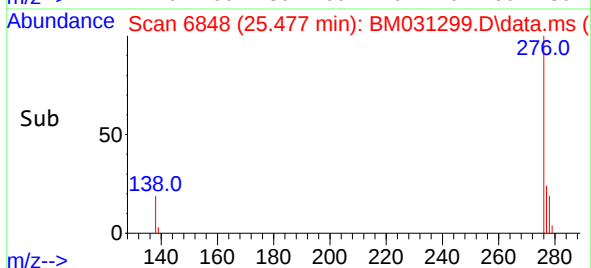
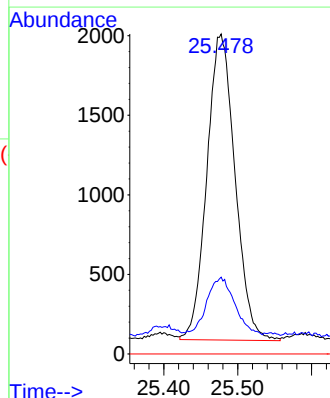
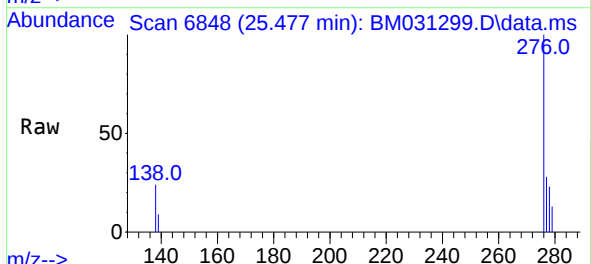
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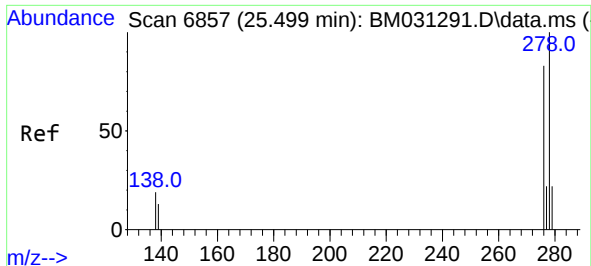
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#27
Indeno(1,2,3-cd)pyrene
Concen: 0.211 ng/ul
RT: 25.477 min Scan# 6848
Delta R.T. -0.012 min
Lab File: BM031299.D
Acq: 31 Jul 2021 06:32

Tgt Ion:	276	Resp:	5096
Ion Ratio	Lower	Upper	
276	100		
138	19.4	15.8	23.8
227	0.0	0.0	0.0





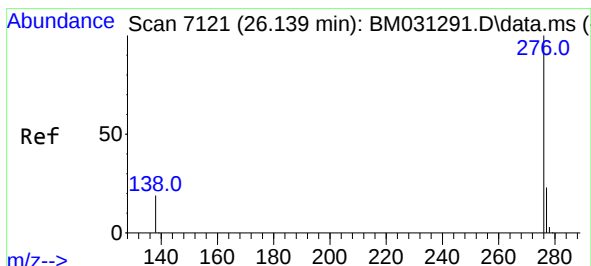
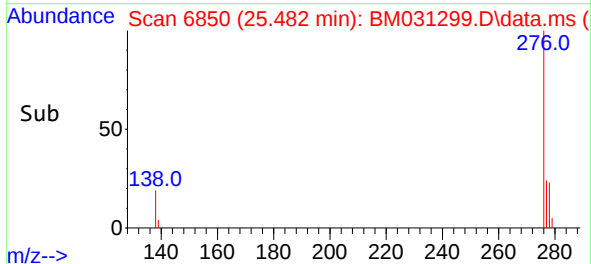
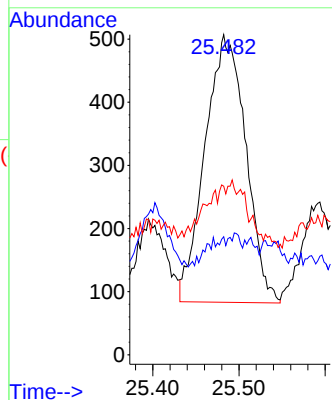
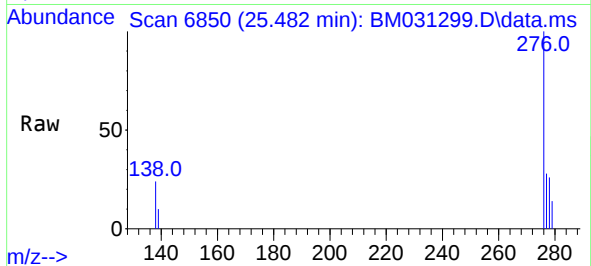
#28
Dibenzo(a,h)anthracene
Concen: 0.072 ng/ul
RT: 25.482 min Scan# 6850
Delta R.T. -0.022 min
Lab File: BM031299.D
Acq: 31 Jul 2021 06:32

Tgt Ion:278 Resp: 1392
Ion Ratio Lower Upper
278 100
139 36.9 13.3 19.9#
279 52.7 22.8 34.2#

Instrument :
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#29
Benzo(g,h,i)perylene
Concen: 0.027 ng/ul
RT: 26.127 min Scan# 7116
Delta R.T. -0.017 min
Lab File: BM031299.D
Acq: 31 Jul 2021 06:32

Tgt Ion:276 Resp: 556
Ion Ratio Lower Upper
276 100
138 49.1 15.4 23.2#
277 46.5 19.9 29.9#

