

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092721\
 Data File : BM032263.D
 Acq On : 29 Sep 2021 05:28
 Operator : CG/JU
 Sample : M3755-10
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AP0

Manual Integrations
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Quant Time: Sep 29 06:13:50 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM092721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 27 13:37:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.657	152	6797	0.400	ng/ul	0.00
4) Naphthalene-d8	10.447	136	20602	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.300	164	9567	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.026	188	17035	0.400	ng/ul	0.00
17) Chrysene-d12	21.186	240	13332	0.400	ng/ul	0.00
23) Perylene-d12	23.349	264	13089	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.986	96	25596	3.503	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.035	152	5181	0.189	ng/ul	-0.01
18) Fluoranthene-d10	19.046	212	9036	0.250	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.496	128	8070	0.132	ng/ul	97
7) 2-Methylnaphthalene	12.111	142	3361	0.086	ng/ul	100
8) 1-Methylnaphthalene	12.332	142	2587	0.068	ng/ul	98
10) Acenaphthylene	14.016	152	1971	0.051	ng/ul#	85
11) Acenaphthene	14.361	153	1646	0.047	ng/ul	96
12) Fluorene	15.343	166	1722	0.043	ng/ul#	95
15) Phenanthrene	17.068	178	23452	0.423	ng/ul	100
16) Anthracene	17.154	178	5169	0.113	ng/ul	94
19) Fluoranthene	19.076	202	48566	0.873	ng/ul	100
20) Pyrene	19.435	202	46107	0.826	ng/ul	99
21) Benzo(a)anthracene	21.171	228	21336	0.453	ng/ul	99
22) Chrysene	21.220	228	24816	0.450	ng/ul	98
24) Benzo(b)fluoranthene	22.704	252	34148m	0.503	ng/ul	
25) Benzo(k)fluoranthene	22.740	252	14022m	0.214	ng/ul	
26) Benzo(a)pyrene	23.252	252	24629	0.483	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.488	276	16924	0.259	ng/ul#	86
28) Dibenzo(a,h)anthracene	25.485	278	4188	0.079	ng/ul#	73
29) Benzo(g,h,i)perylene	26.145	276	13734	0.222	ng/ul	96

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

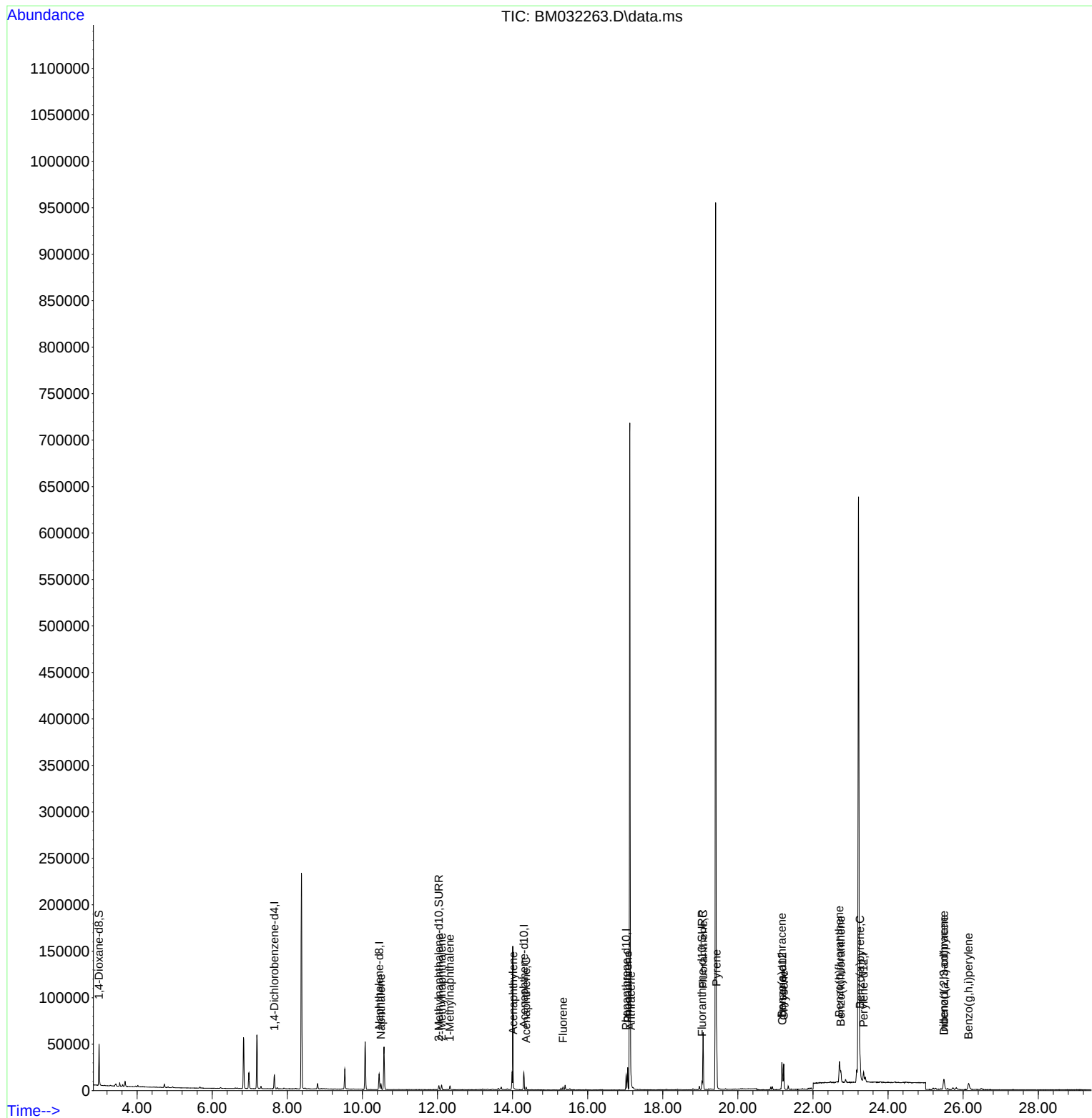
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Data File : BM032263.D
Acq On : 29 Sep 2021 05:28
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ALS Vial : 68 Sample Multiplier: 1

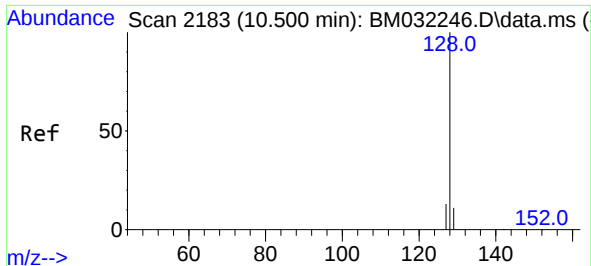
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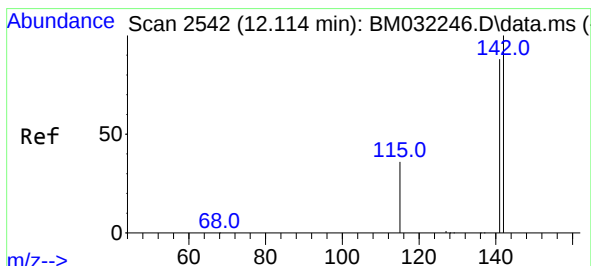
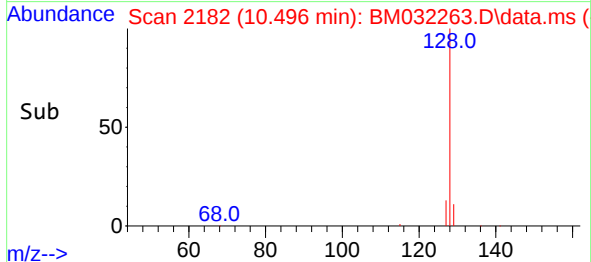
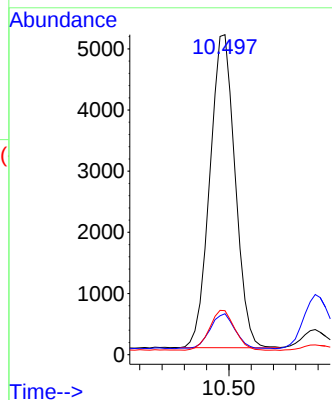
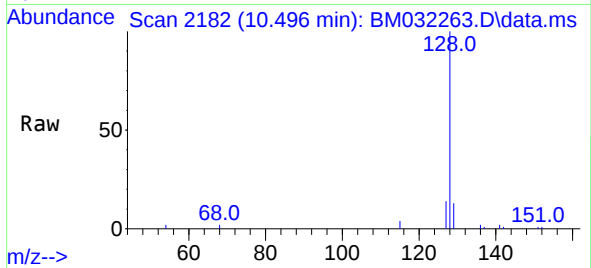
#5
Naphthalene
Concen: 0.132 ng/ul
RT: 10.496 min Scan# 2182
Delta R.T. -0.009 min
Lab File: BM032263.D
Acq: 29 Sep 2021 05:28

Tgt Ion:	128	Resp:	8070
Ion Ratio	Lower	Upper	
128	100		
129	12.8	9.0	13.4
127	13.8	10.5	15.7

Instrument :
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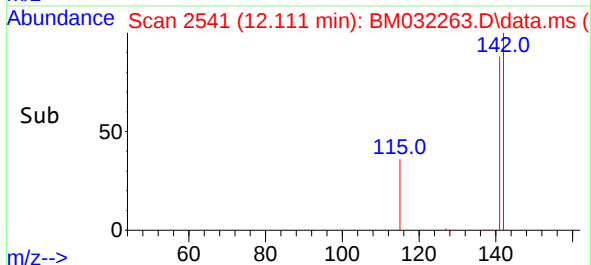
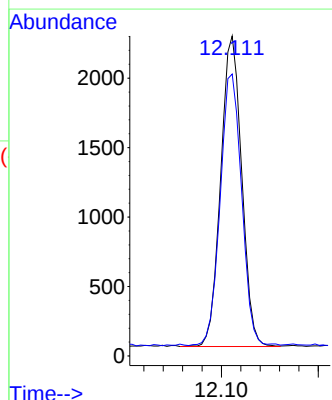
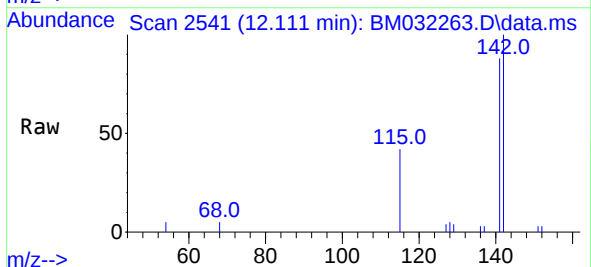
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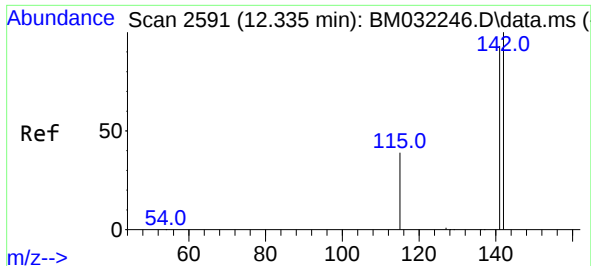
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#7
2-Methylnaphthalene
Concen: 0.086 ng/ul
RT: 12.111 min Scan# 2541
Delta R.T. -0.009 min
Lab File: BM032263.D
Acq: 29 Sep 2021 05:28

Tgt Ion:	142	Resp:	3361
Ion Ratio	Lower	Upper	
142	100		
141	89.2	71.2	106.8





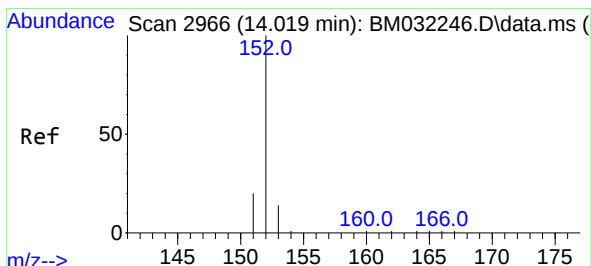
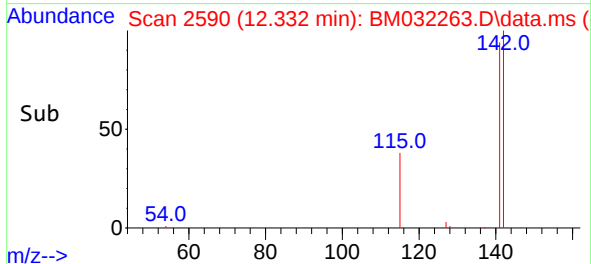
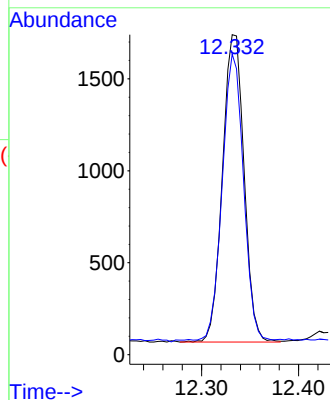
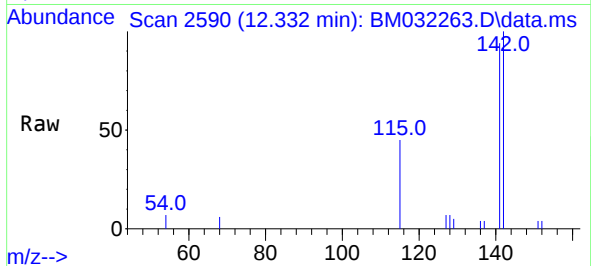
#8
1-Methylnaphthalene
Concen: 0.068 ng/ul
RT: 12.332 min Scan# 2590
Delta R.T. -0.009 min
Lab File: BM032263.D
Acq: 29 Sep 2021 05:28

Tgt Ion:142 Resp: 2587
Ion Ratio Lower Upper
142 100
141 94.2 73.8 110.6

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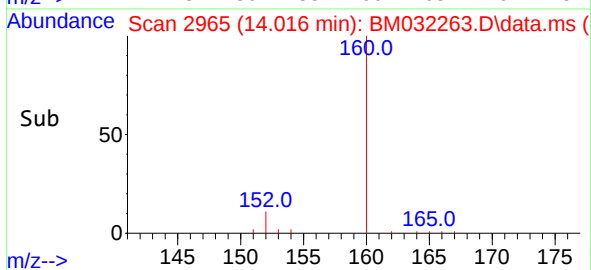
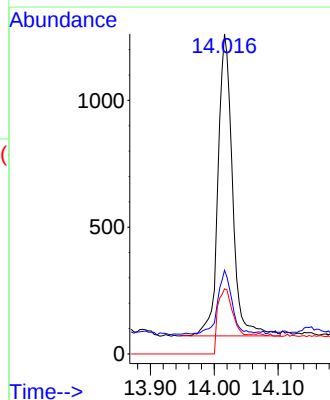
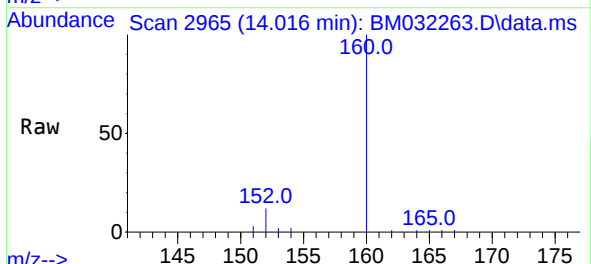
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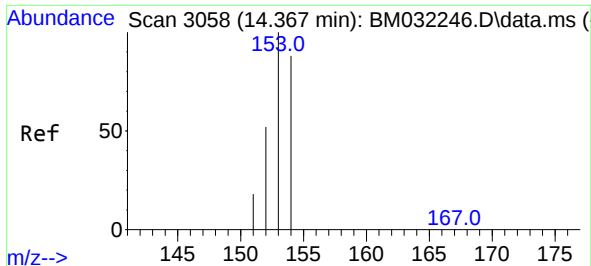
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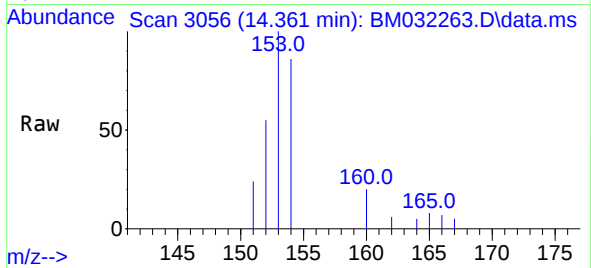
#10
Acenaphthylene
Concen: 0.051 ng/ul
RT: 14.016 min Scan# 2965
Delta R.T. -0.008 min
Lab File: BM032263.D
Acq: 29 Sep 2021 05:28

Tgt Ion:152 Resp: 1971
Ion Ratio Lower Upper
152 100
151 26.1 16.0 24.0#
153 20.4 10.7 16.1#

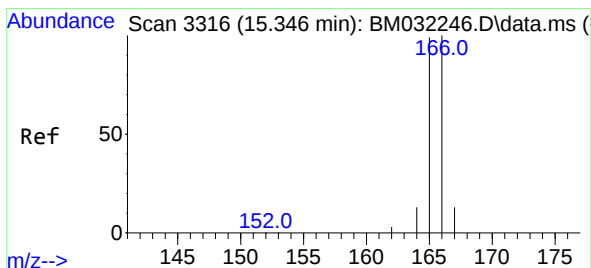
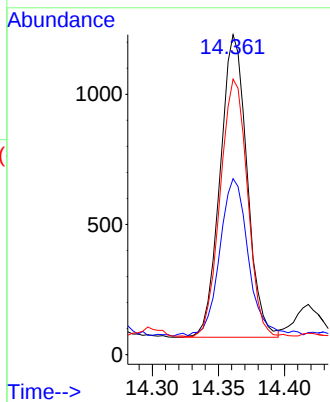
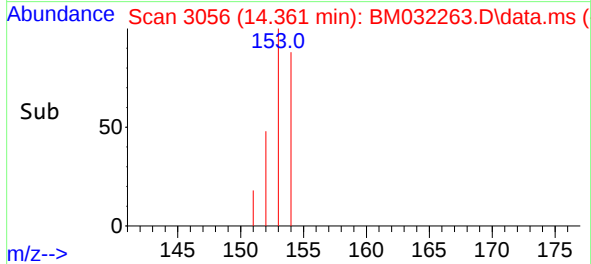




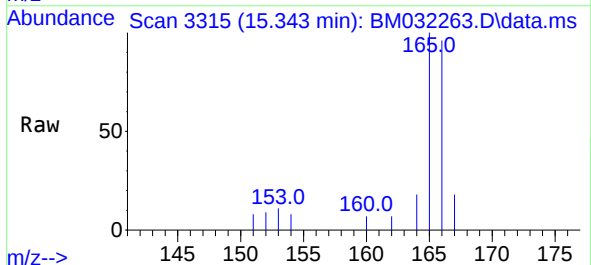
#11
Acenaphthene
Concen: 0.047 ng/u1
RT: 14.361 min Scan# 3056
Delta R.T. -0.008 min
Lab File: BM032263.D
Acq: 29 Sep 2021 05:28



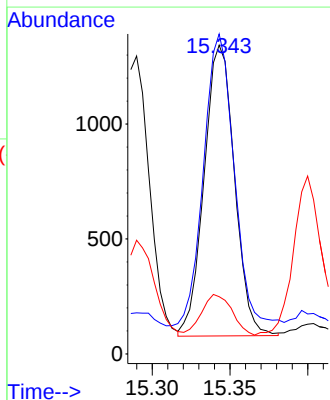
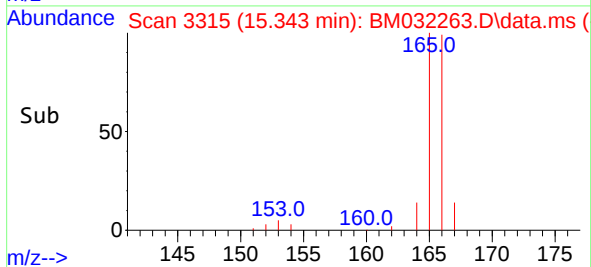
Tgt Ion:153 Resp: 1646
Ion Ratio Lower Upper
153 100
152 55.0 41.6 62.4
154 86.1 71.2 106.8



#12
Fluorene
Concen: 0.043 ng/u1
RT: 15.343 min Scan# 3315
Delta R.T. -0.008 min
Lab File: BM032263.D
Acq: 29 Sep 2021 05:28



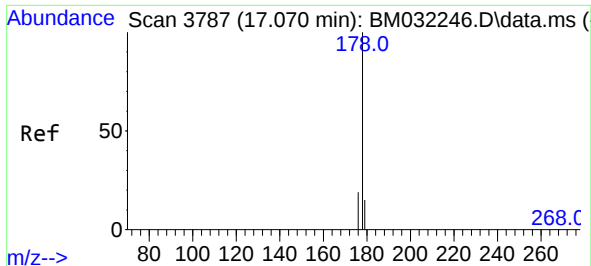
Tgt Ion:166 Resp: 1722
Ion Ratio Lower Upper
166 100
165 103.6 79.4 119.2
167 18.5 10.8 16.2#



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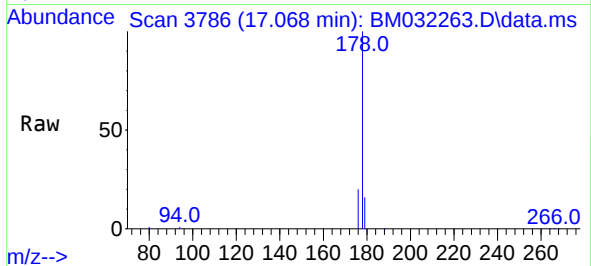
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#15
Phenanthrene
Concen: 0.423 ng/ul
RT: 17.068 min Scan# 3786
Delta R.T. -0.007 min
Lab File: BM032263.D
Acq: 29 Sep 2021 05:28

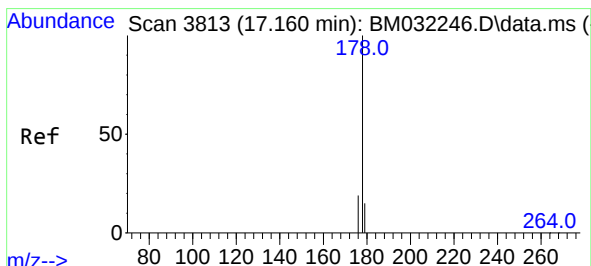
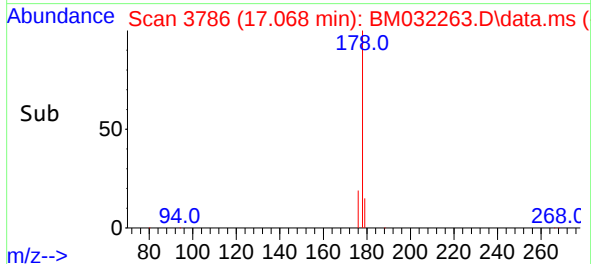
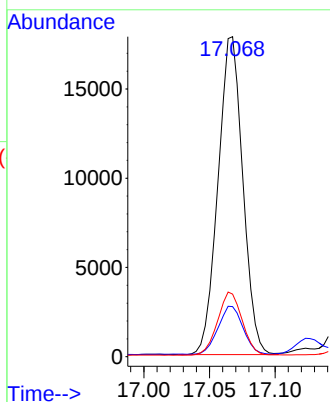
Instrument :
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ClientSampled :
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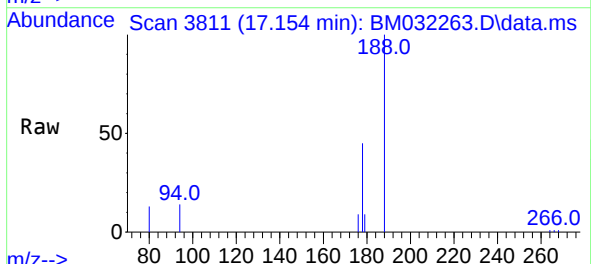
Tgt Ion:	178	Resp:	23452
Ion Ratio	Lower	Upper	
178	100		
179	15.6	12.6	18.8
176	19.6	15.8	23.6

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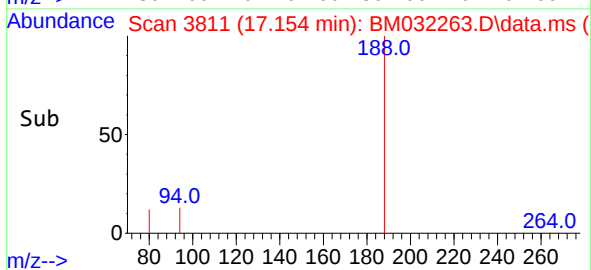
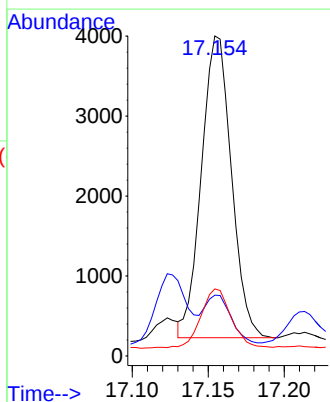
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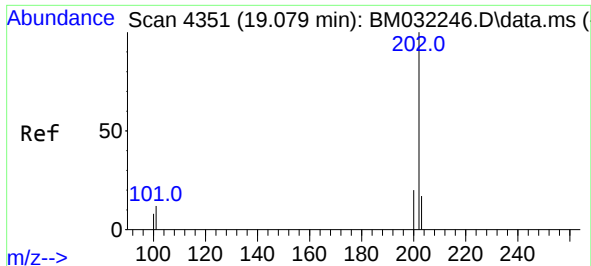


#16
Anthracene
Concen: 0.113 ng/ul
RT: 17.154 min Scan# 3811
Delta R.T. -0.010 min
Lab File: BM032263.D
Acq: 29 Sep 2021 05:28



Tgt Ion:	178	Resp:	5169
Ion Ratio	Lower	Upper	
178	100		
179	19.0	12.7	19.1
176	20.9	15.3	22.9





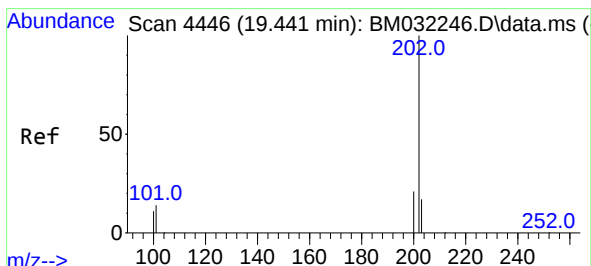
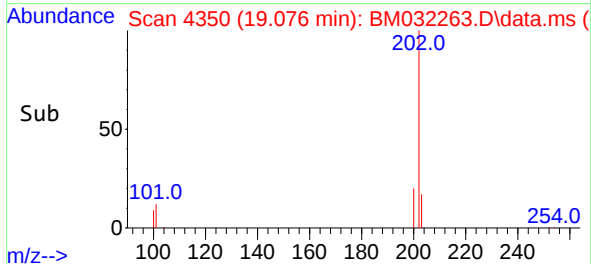
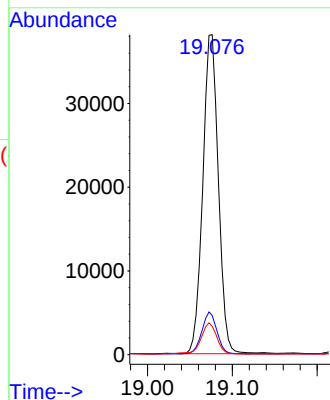
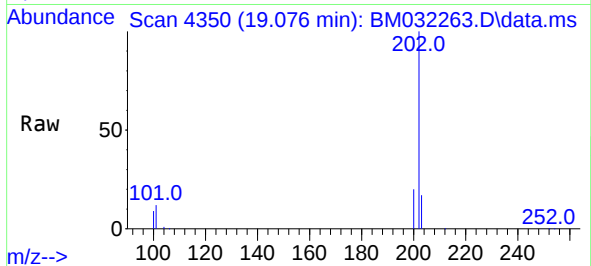
#19
Fluoranthene
Concen: 0.873 ng/u1
RT: 19.076 min Scan# 4350
Delta R.T. -0.008 min
Lab File: BM032263.D
Acq: 29 Sep 2021 05:28

Tgt Ion:	202	Resp:	48566
Ion Ratio	Lower	Upper	
202	100		
101	12.3	9.8	14.8
100	8.9	7.2	10.8

Instrument :
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ClientSampleId :
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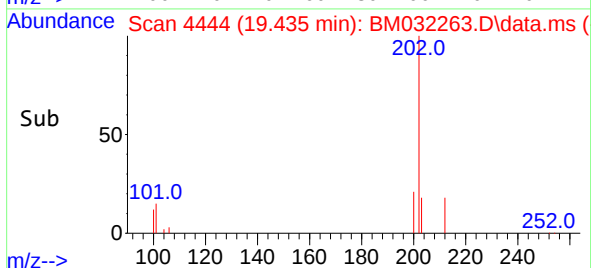
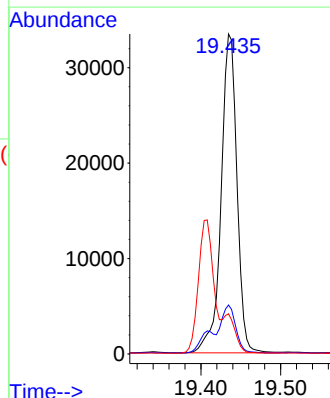
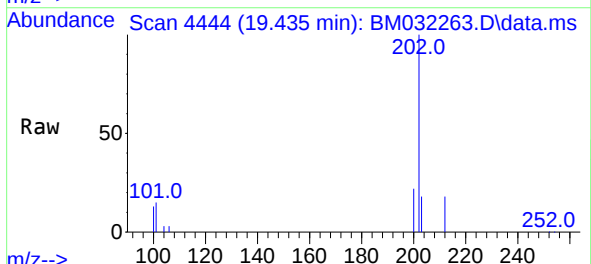
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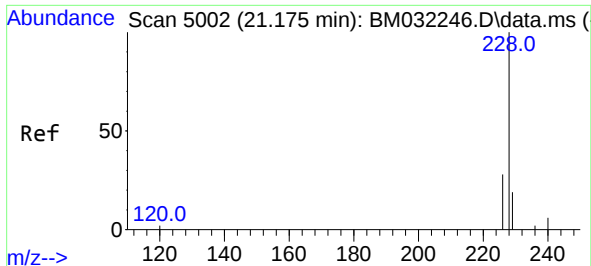
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#20
Pyrene
Concen: 0.826 ng/u1
RT: 19.435 min Scan# 4444
Delta R.T. -0.008 min
Lab File: BM032263.D
Acq: 29 Sep 2021 05:28

Tgt Ion:	202	Resp:	46107
Ion Ratio	Lower	Upper	
202	100		
101	15.3	12.1	18.1
100	12.5	9.8	14.6





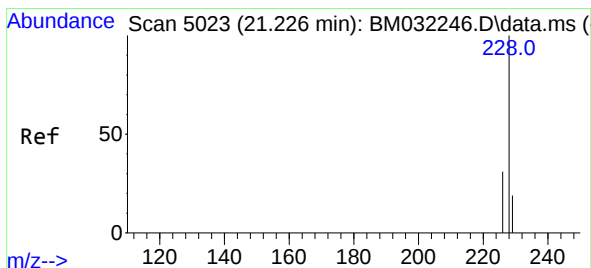
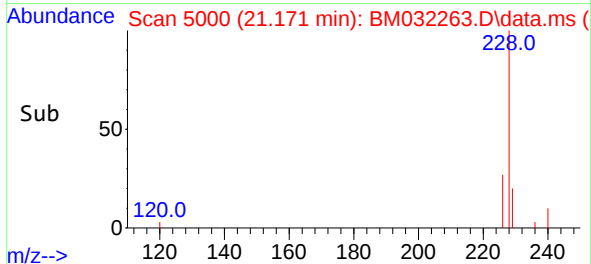
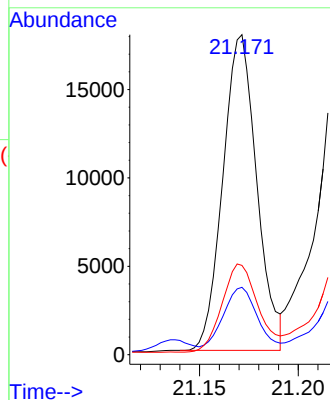
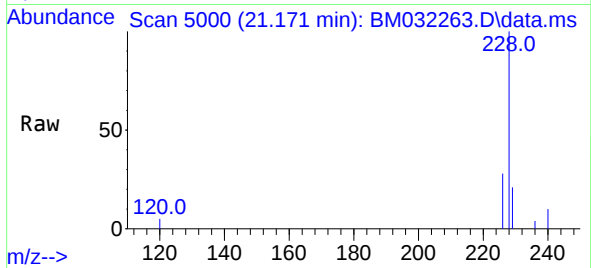
#21
Benzo(a)anthracene
Concen: 0.453 ng/u1
RT: 21.171 min Scan# 5000
Delta R.T. -0.007 min
Lab File: BM032263.D
Acq: 29 Sep 2021 05:28

Tgt Ion:228	Resp:	21336
Ion Ratio	Lower	Upper
228	100	
229	21.1	16.0 24.0
226	27.9	22.3 33.5

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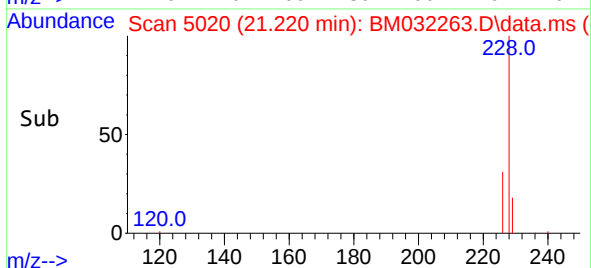
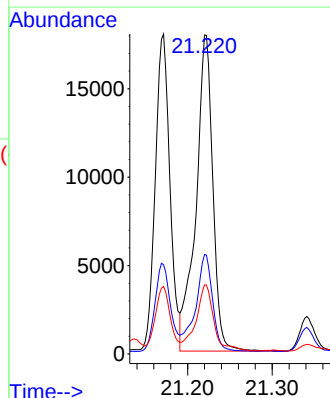
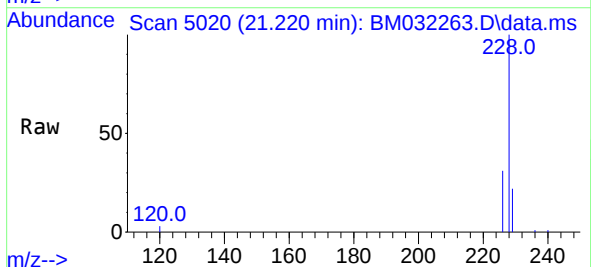
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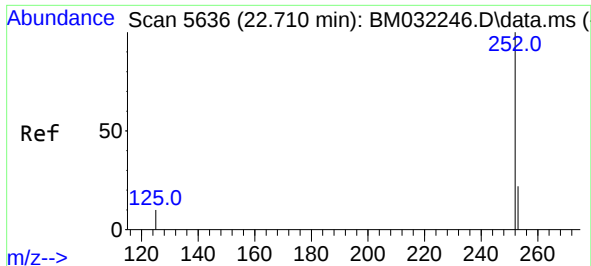
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#22
Chrysene
Concen: 0.450 ng/u1
RT: 21.220 min Scan# 5020
Delta R.T. -0.010 min
Lab File: BM032263.D
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Tgt Ion:228	Resp:	24816
Ion Ratio	Lower	Upper
228	100	
226	31.2	24.6 37.0
229	21.7	15.6 23.4





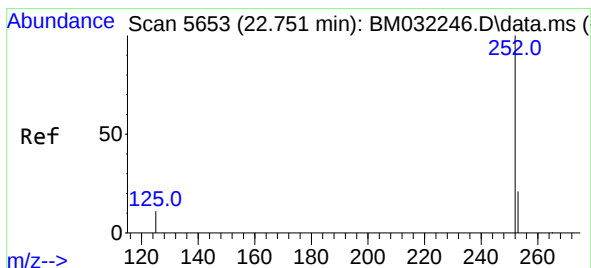
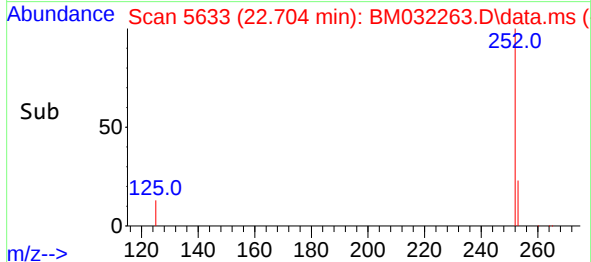
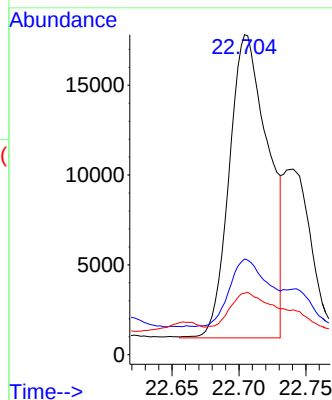
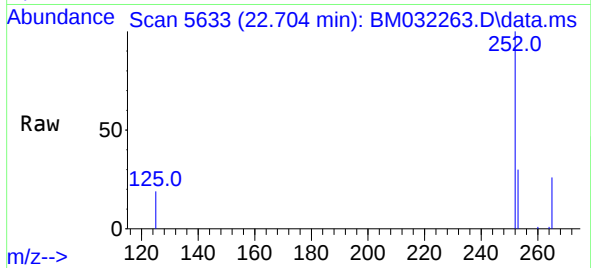
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Benzo(b)fluoranthene
Concen: 0.503 ng/ul m
RT: 22.704 min Scan# 5633
Delta R.T. -0.010 min
Lab File: BM032263.D
Acq: 29 Sep 2021 05:28

Tgt Ion:252	Resp:	34148
Ion Ratio	Lower	Upper
252	100	
253	29.9	0.0 58.0
125	19.2	0.0 31.4

Instrument :
BNA_M
ClientSampled :
C0AP0

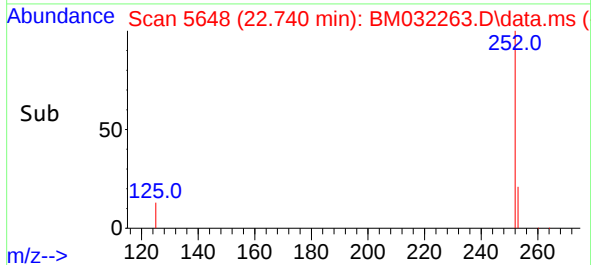
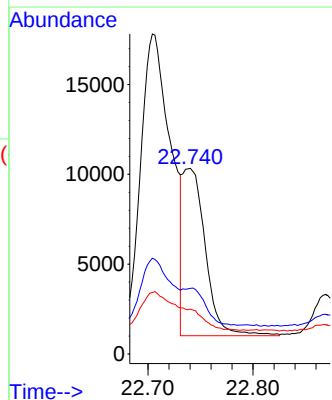
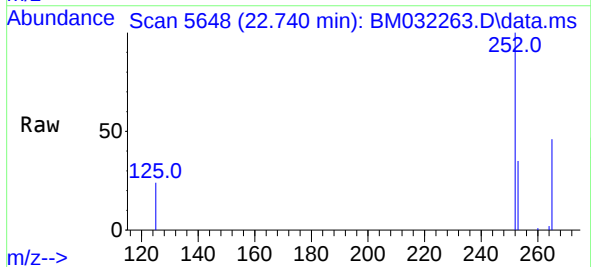
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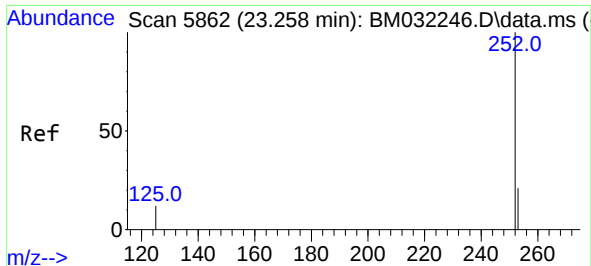
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#25
Benzo(k)fluoranthene
Concen: 0.214 ng/ul m
RT: 22.740 min Scan# 5648
Delta R.T. -0.015 min
Lab File: BM032263.D
Acq: 29 Sep 2021 05:28

Tgt Ion:252	Resp:	14022
Ion Ratio	Lower	Upper
252	100	
253	35.4	22.9 34.3#
125	24.2	12.9 19.3#





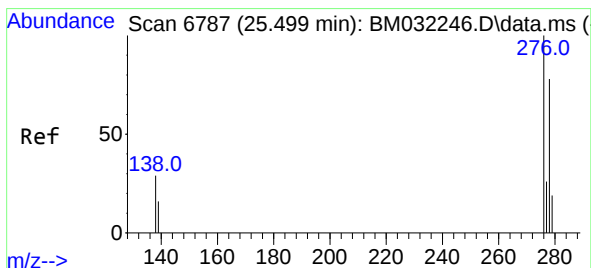
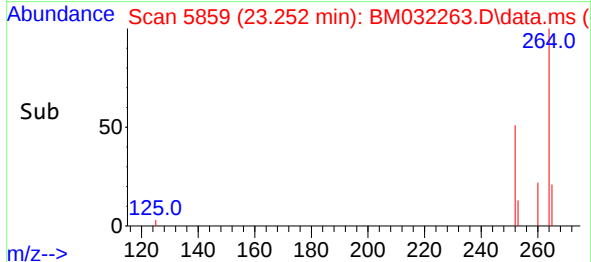
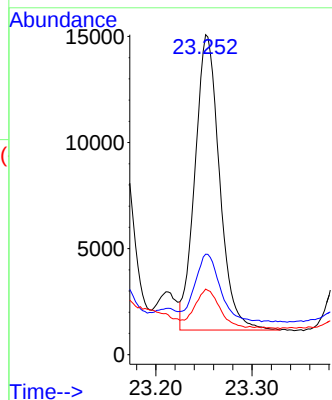
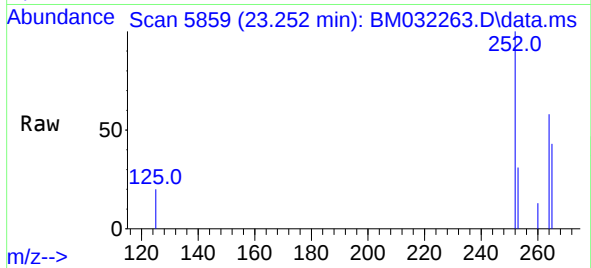
#26
Benzo(a)pyrene
Concen: 0.483 ng/ul
RT: 23.252 min Scan# 5859
Delta R.T. -0.012 min
Lab File: BM032263.D
Acq: 29 Sep 2021 05:28

Tgt Ion:	252	Resp:	24629
Ion Ratio	Lower	Upper	
252	100		
253	31.4	25.8	38.8
125	20.5	15.4	23.2

Instrument :
BNA_M
ClientSampled :
C0AP0

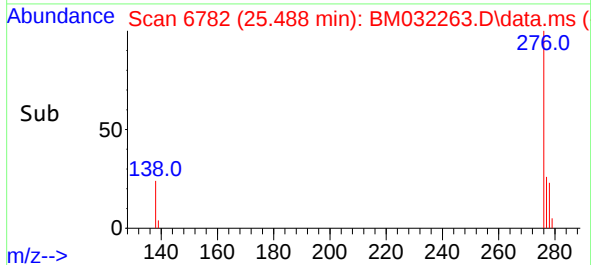
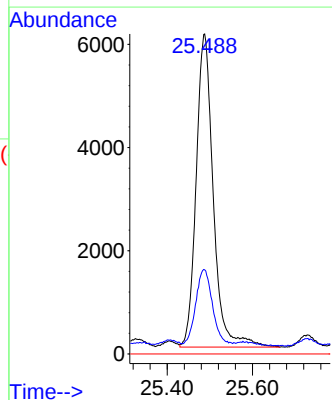
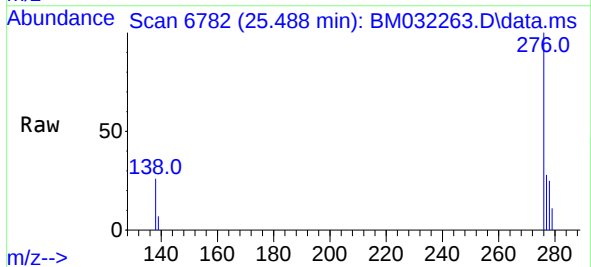
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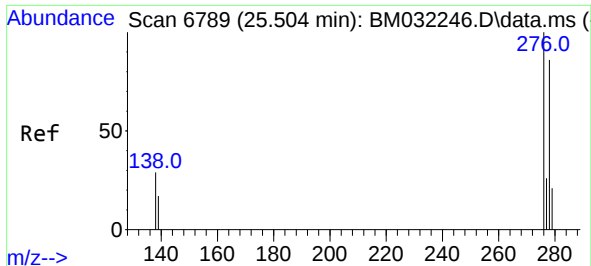
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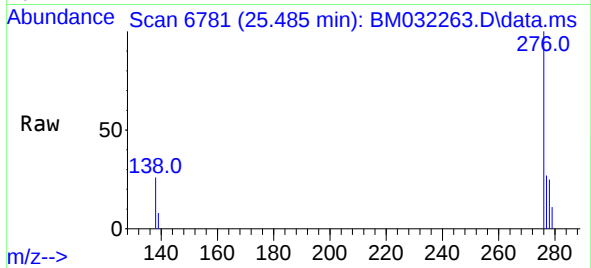
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.259 ng/ul
RT: 25.488 min Scan# 6782
Delta R.T. -0.017 min
Lab File: BM032263.D
Acq: 29 Sep 2021 05:28

Tgt Ion:	276	Resp:	16924
Ion Ratio	Lower	Upper	
276	100		
138	22.6	24.3	36.5#
227	0.0	0.0	0.0

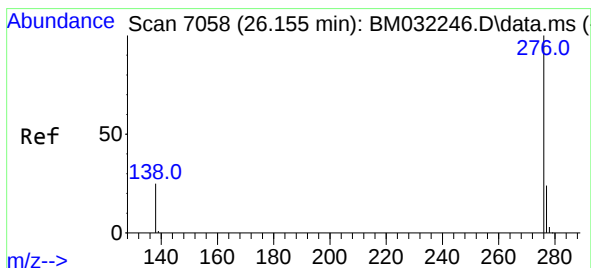
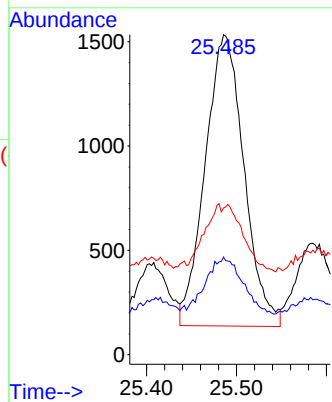
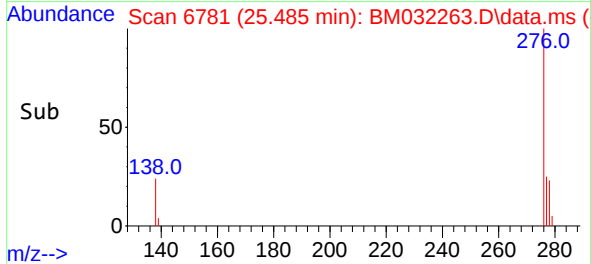




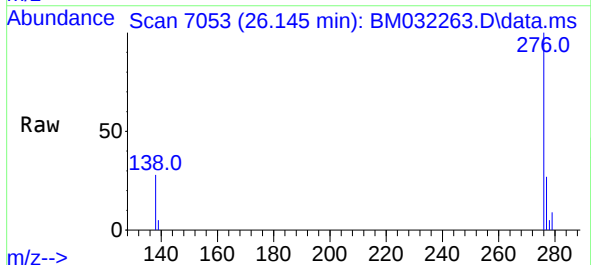
#28
Dibenzo(a,h)anthracene
Concen: 0.079 ng/ul
RT: 25.485 min Scan# 6781
Delta R.T. -0.024 min
Lab File: BM032263.D
Acq: 29 Sep 2021 05:28



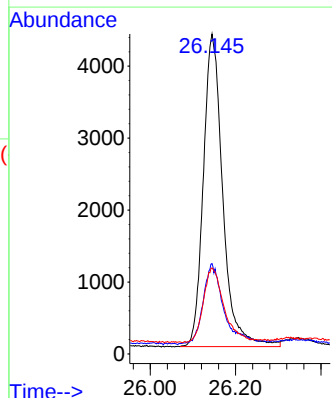
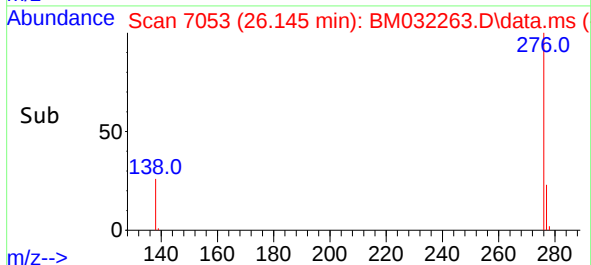
Tgt Ion: 278 Resp: 4188
Ion Ratio Lower Upper
278 100
139 30.5 16.6 24.8#
279 45.8 23.0 34.6#



#29
Benzo(g,h,i)perylene
Concen: 0.222 ng/ul
RT: 26.145 min Scan# 7053
Delta R.T. -0.019 min
Lab File: BM032263.D
Acq: 29 Sep 2021 05:28



Tgt Ion: 276 Resp: 13734
Ion Ratio Lower Upper
276 100
138 28.2 21.0 31.4
277 26.9 19.8 29.8



Instrument :
BNA_M
ClientSampleId :
C0AP0

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