

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072821\
 Data File : BM031211.D
 Acq On : 28 Jul 2021 14:49
 Operator : CG/JU
 Sample : M3082-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0003

Manual Integrations
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Quant Time: Jul 28 15:20:08 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 : Wed Jul 28 13:27:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.615	152	1453	0.400	ng/ul	0.00
4) Naphthalene-d8	10.379	136	5690	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.243	164	4498	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.992	188	8944	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.186	240	7196	0.400	ng/ul	# 0.00
23) Perylene-d12	23.355	264	7080	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	2555	1.583	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.971	152	1264	0.132	ng/ul	0.00
18) Fluoranthene-d10	19.024	212	3974	0.165	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.428	128	41774	2.465	ng/ul	97
7) 2-Methylnaphthalene	12.047	142	37964	3.279	ng/ul	100
8) 1-Methylnaphthalene	12.268	142	34247	2.993	ng/ul	100
10) Acenaphthylene	13.963	152	37101	1.937	ng/ul	99
11) Acenaphthene	14.307	153	15870	0.984	ng/ul	98
12) Fluorene	15.297	166	58885	3.174	ng/ul#	94
15) Phenanthrene	17.034	178	269243	9.480	ng/ul	98
16) Anthracene	17.124	178	76856	2.890	ng/ul	98
19) Fluoranthene	19.054	202	243437	7.922	ng/ul#	96
20) Pyrene	19.420	202	193324	6.203	ng/ul	97
21) Benzo(a)anthracene	21.169	228	89374	3.076	ng/ul#	80
22) Chrysene	21.219	228	132511	4.408	ng/ul#	89
24) Benzo(b)fluoranthene	22.708	252	100723m	3.158	ng/ul	
25) Benzo(k)fluoranthene	22.747	252	33630m	1.020	ng/ul	
26) Benzo(a)pyrene	23.261	252	54344	1.945	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.497	276	39183	1.085	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.504	278	13029	0.448	ng/ul#	56
29) Benzo(g,h,i)perylene	26.151	276	6250	0.203	ng/ul#	70

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

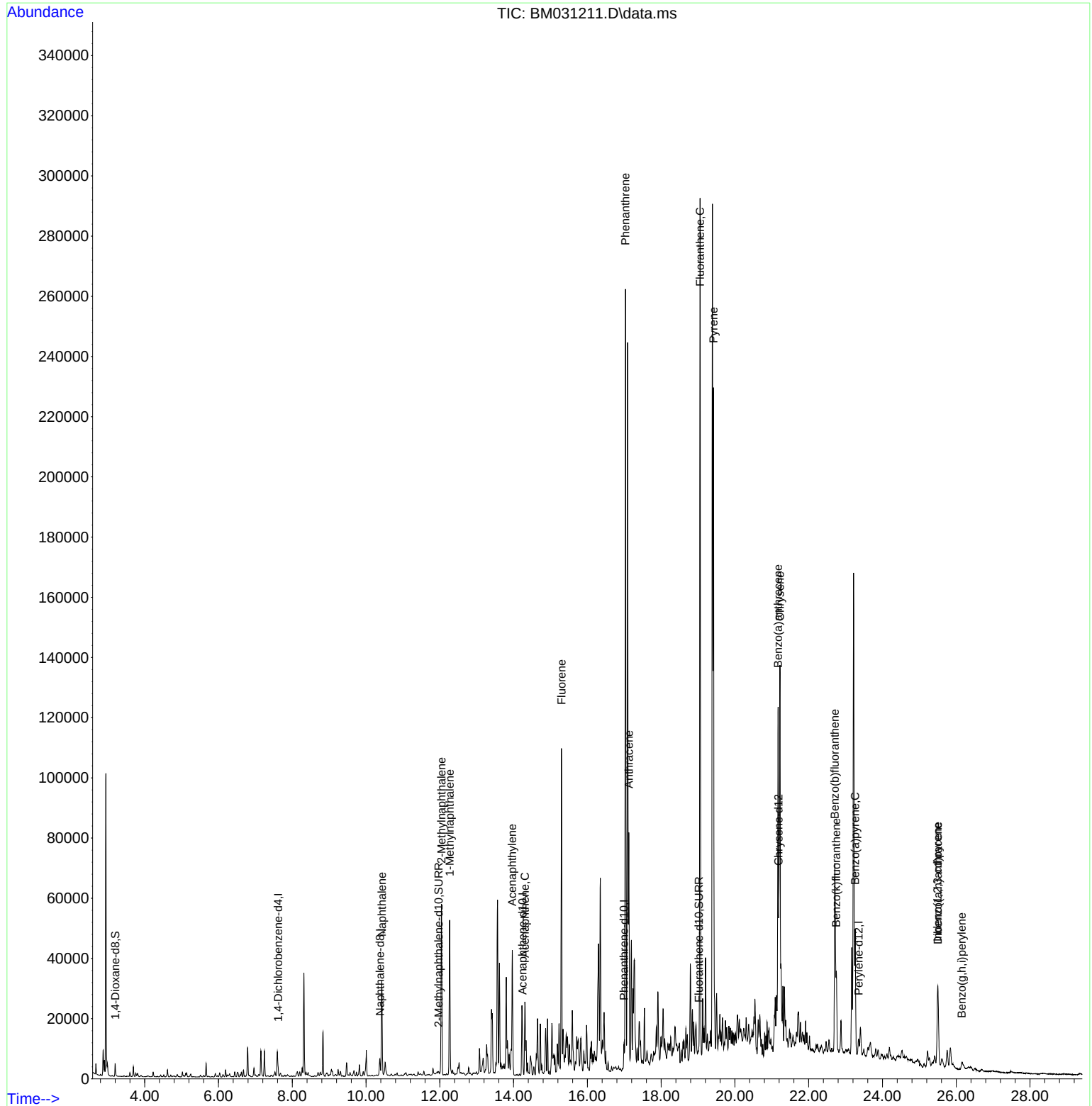
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072821\
Data File : BM031211.D
Acq On : 28 Jul 2021 14:49
Operator : CG/JU
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ALS Vial : 10 Sample Multiplier: 1

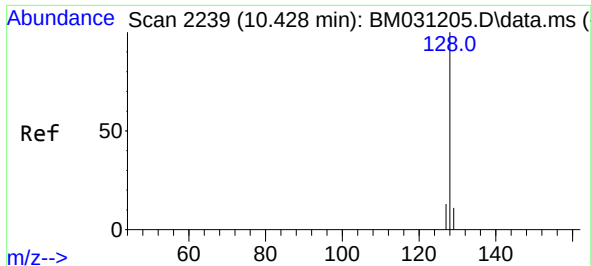
Instrument :
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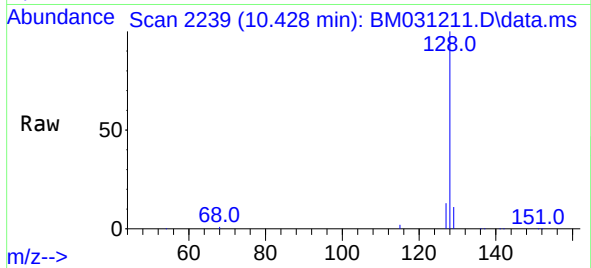
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Quant Time: Jul 28 15:20:08 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 28 13:27:55 2021
Response via : Initial Calibration

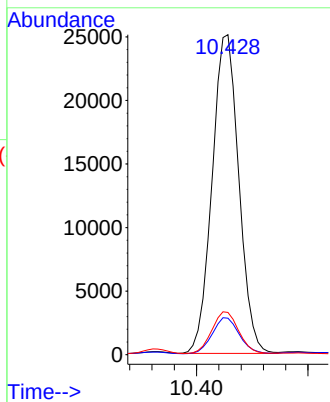
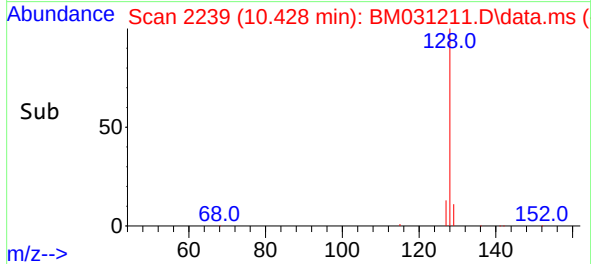




#5
Naphthalene
Concen: 2.465 ng/ul
RT: 10.428 min Scan# 2239
Delta R.T. 0.000 min
Lab File: BM031211.D
Acq: 28 Jul 2021 14:49



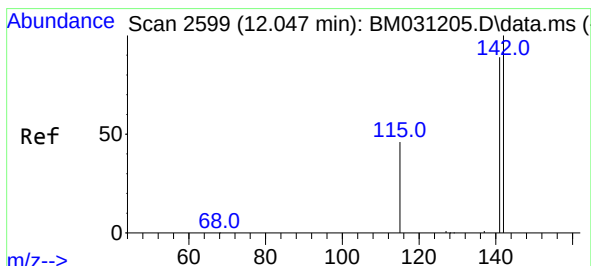
Tgt Ion:128 Resp: 41774
Ion Ratio Lower Upper
128 100
129 11.4 10.0 15.0
127 13.2 11.6 17.4



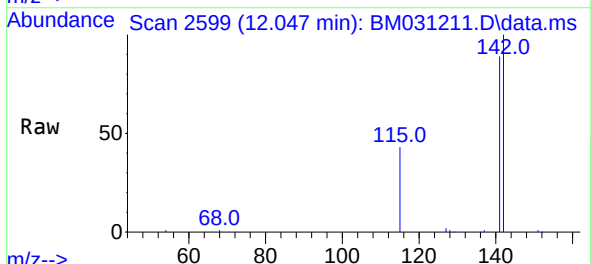
Instrument :
BNA_M
ClientSampleId :
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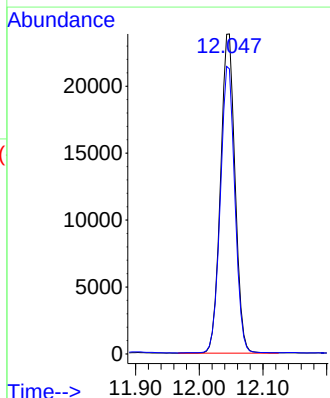
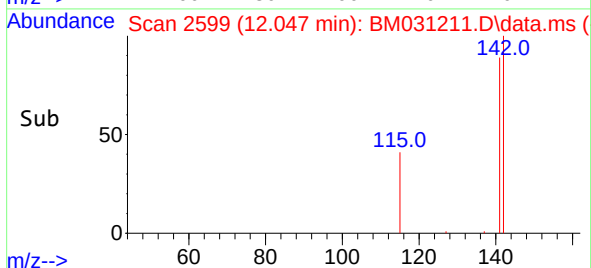
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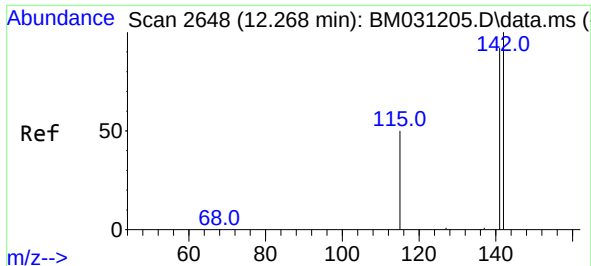


#7
2-Methylnaphthalene
Concen: 3.279 ng/ul
RT: 12.047 min Scan# 2599
Delta R.T. 0.000 min
Lab File: BM031211.D
Acq: 28 Jul 2021 14:49



Tgt Ion:142 Resp: 37964
Ion Ratio Lower Upper
142 100
141 89.3 71.4 107.0





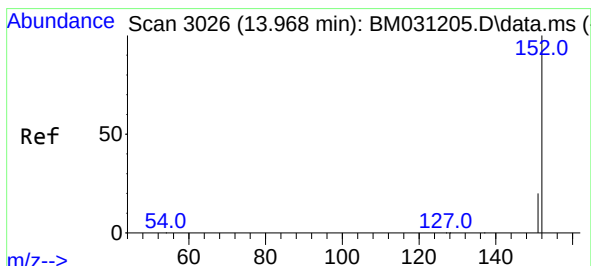
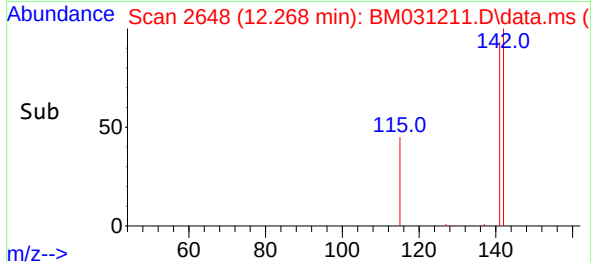
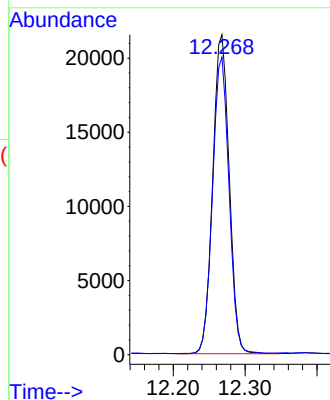
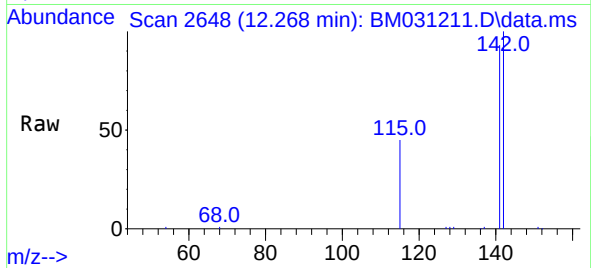
#8
1-Methylnaphthalene
Concen: 2.993 ng/ul
RT: 12.268 min Scan# 2648
Delta R.T. 0.000 min
Lab File: BM031211.D
Acq: 28 Jul 2021 14:49

Tgt Ion:142 Resp: 34247
Ion Ratio Lower Upper
142 100
141 92.8 74.1 111.1

Instrument :
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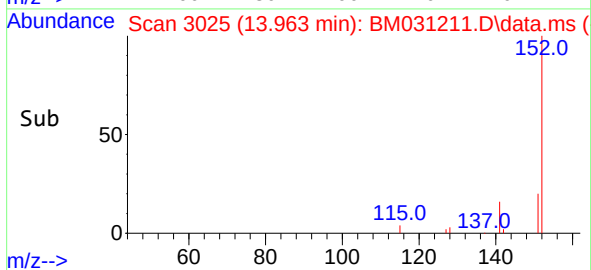
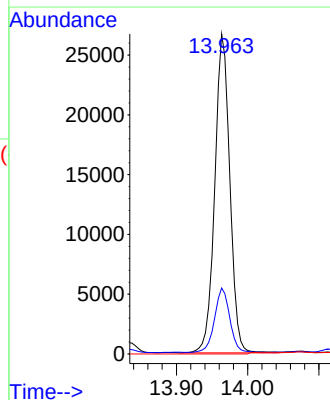
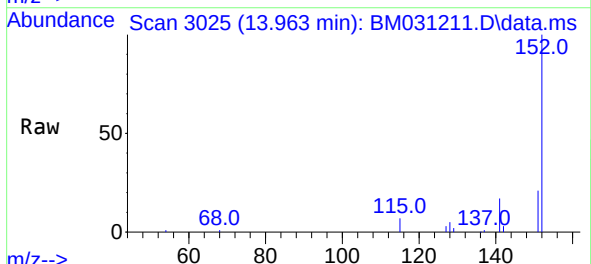
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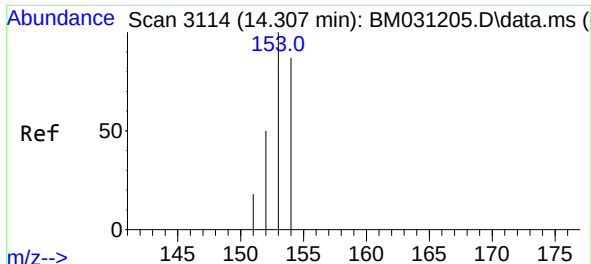
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#10
Acenaphthylene
Concen: 1.937 ng/ul
RT: 13.963 min Scan# 3025
Delta R.T. -0.004 min
Lab File: BM031211.D
Acq: 28 Jul 2021 14:49

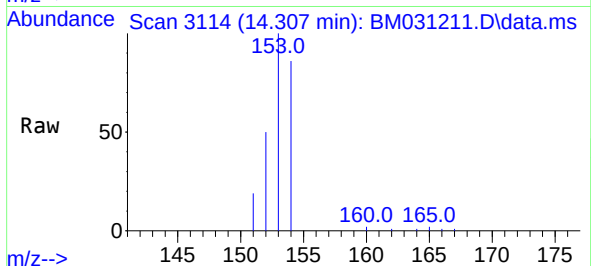
Tgt Ion:152 Resp: 37101
Ion Ratio Lower Upper
152 100
151 20.6 16.9 25.3
153 0.0 0.0 0.0





#11
Acenaphthene
Concen: 0.984 ng/ul
RT: 14.307 min Scan# 3114
Delta R.T. 0.000 min
Lab File: BM031211.D
Acq: 28 Jul 2021 14:49

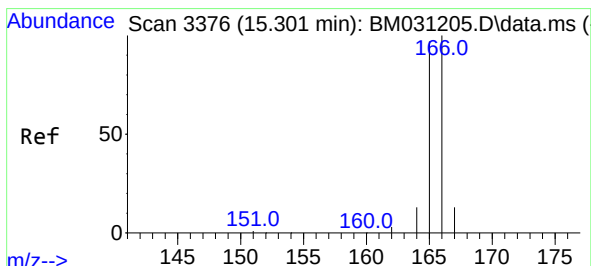
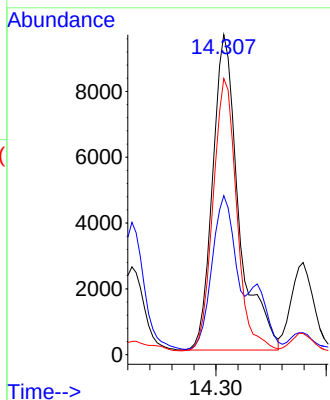
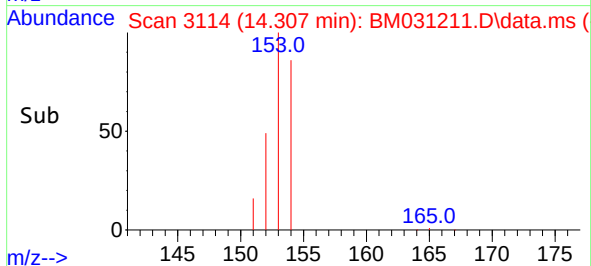
Instrument :
BNA_M
ClientSampled :
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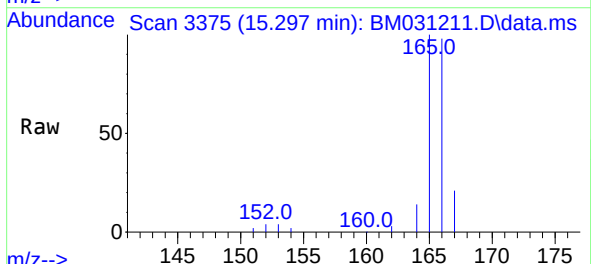
Tgt Ion:153 Resp: 15870
Ion Ratio Lower Upper
153 100
152 49.7 40.7 61.1
154 86.3 70.2 105.2

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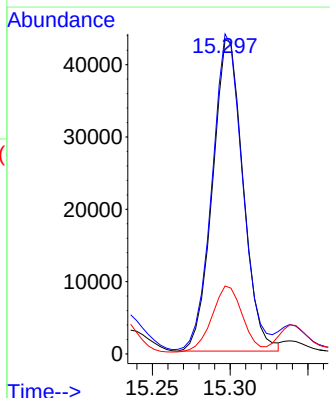
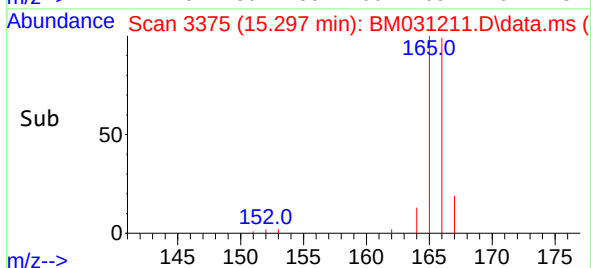
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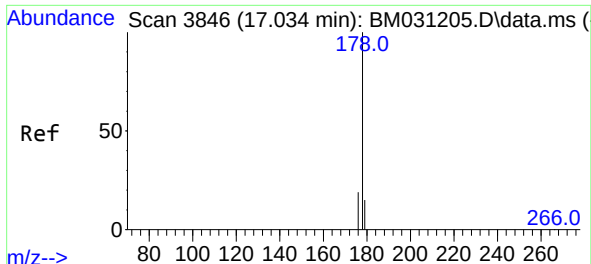


#12
Fluorene
Concen: 3.174 ng/ul
RT: 15.297 min Scan# 3375
Delta R.T. -0.004 min
Lab File: BM031211.D
Acq: 28 Jul 2021 14:49



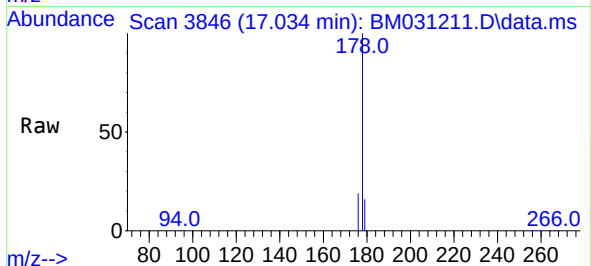
Tgt Ion:166 Resp: 58885
Ion Ratio Lower Upper
166 100
165 101.8 78.0 117.0
167 21.6 12.0 18.0#





#15
Phenanthrene
Concen: 9.480 ng/ul
RT: 17.034 min Scan# 3846
Delta R.T. 0.000 min
Lab File: BM031211.D
Acq: 28 Jul 2021 14:49

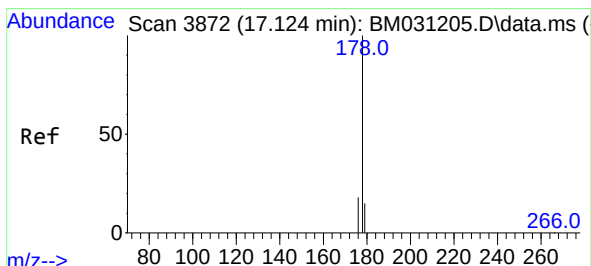
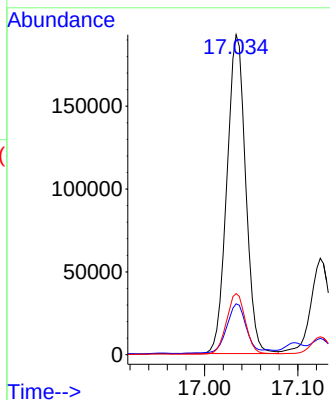
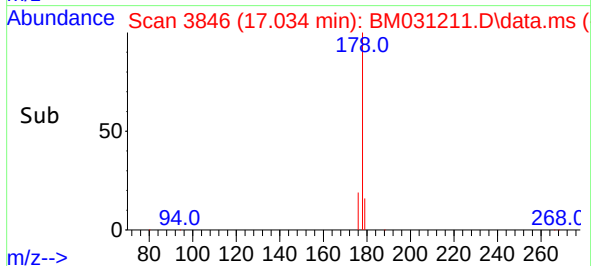
Instrument :
BNA_M
ClientSampled :
C0003



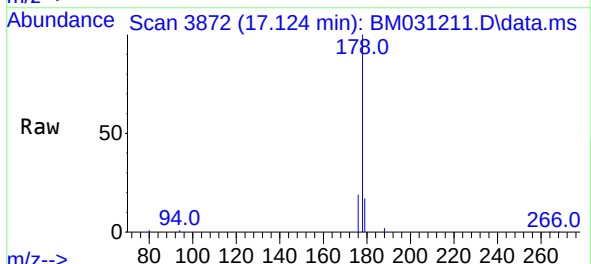
Tgt Ion:178 Resp: 269243
Ion Ratio Lower Upper
178 100
179 15.9 13.3 19.9
176 19.1 16.2 24.4

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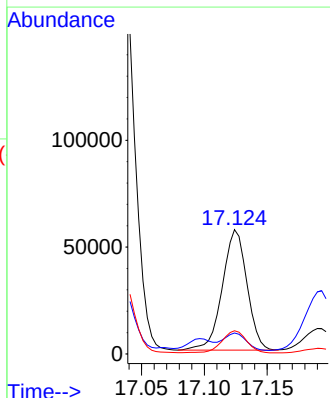
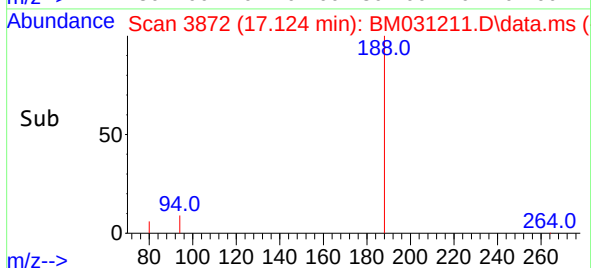
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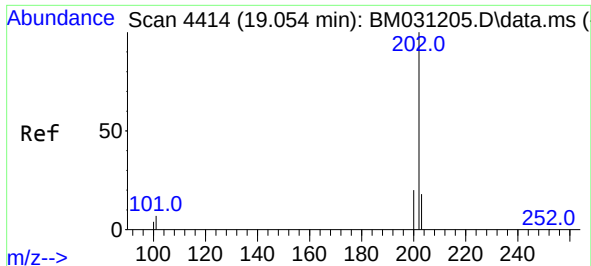


#16
Anthracene
Concen: 2.890 ng/ul
RT: 17.124 min Scan# 3872
Delta R.T. 0.000 min
Lab File: BM031211.D
Acq: 28 Jul 2021 14:49



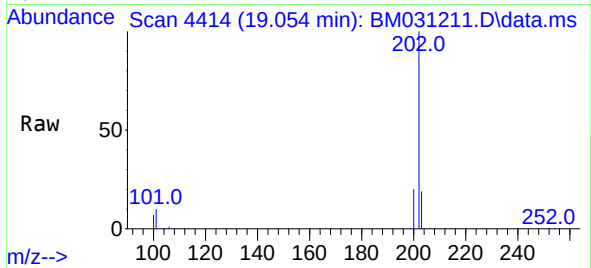
Tgt Ion:178 Resp: 76856
Ion Ratio Lower Upper
178 100
179 16.9 13.0 19.6
176 18.6 15.6 23.4





#19
Fluoranthene
Concen: 7.922 ng/u1
RT: 19.054 min Scan# 4414
Delta R.T. 0.000 min
Lab File: BM031211.D
Acq: 28 Jul 2021 14:49

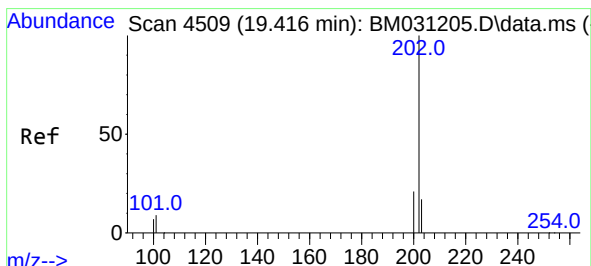
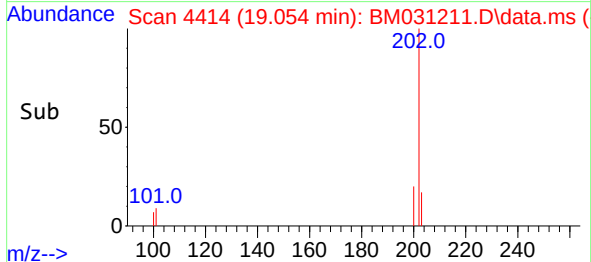
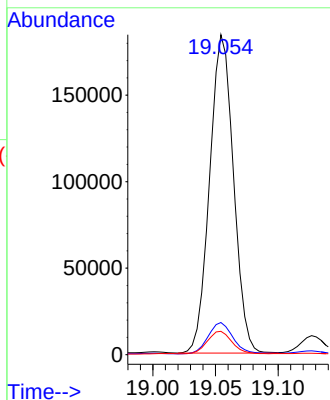
Instrument :
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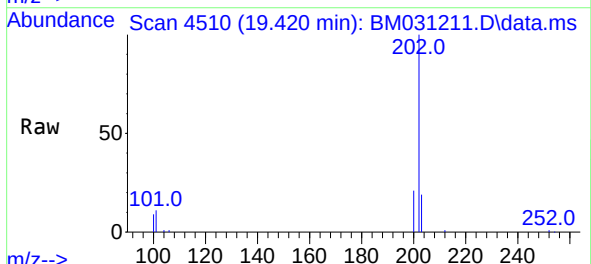
Tgt Ion:202 Resp: 243437
Ion Ratio Lower Upper
202 100
101 10.0 6.6 10.0#
100 7.3 5.4 8.0

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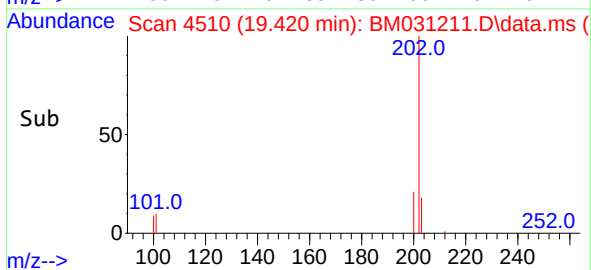
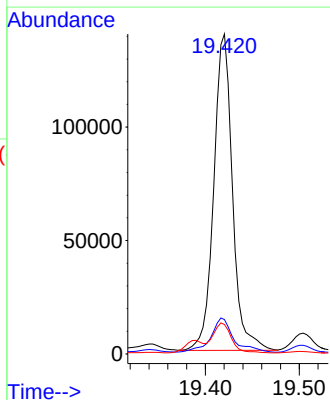
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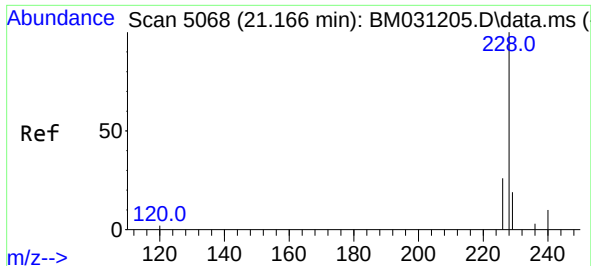


#20
Pyrene
Concen: 6.203 ng/u1
RT: 19.420 min Scan# 4510
Delta R.T. 0.004 min
Lab File: BM031211.D
Acq: 28 Jul 2021 14:49



Tgt Ion:202 Resp: 193324
Ion Ratio Lower Upper
202 100
101 10.7 7.8 11.6
100 9.2 6.6 10.0





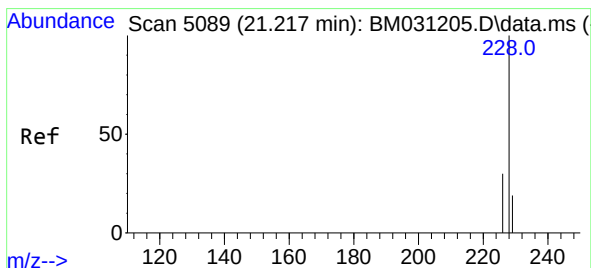
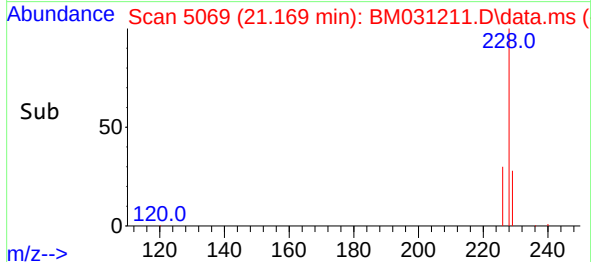
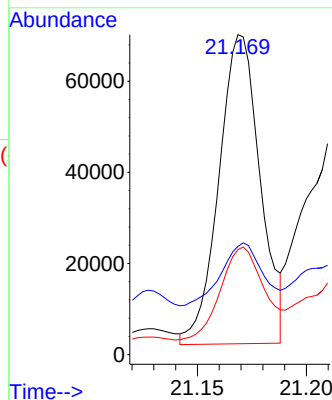
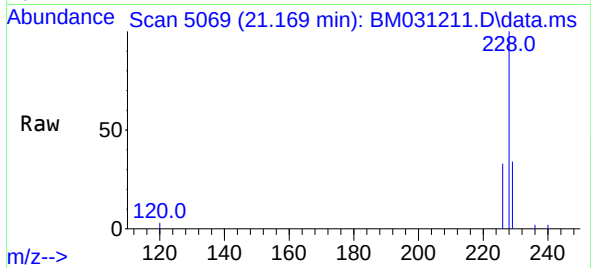
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Benzo(a)anthracene
Concen: 3.076 ng/u1
RT: 21.169 min Scan# 5069
Delta R.T. 0.002 min
Lab File: BM031211.D
Acq: 28 Jul 2021 14:49

Tgt Ion:228 Resp: 89374
Ion Ratio Lower Upper
228 100
229 33.9 15.6 23.4#
226 32.8 21.7 32.5#

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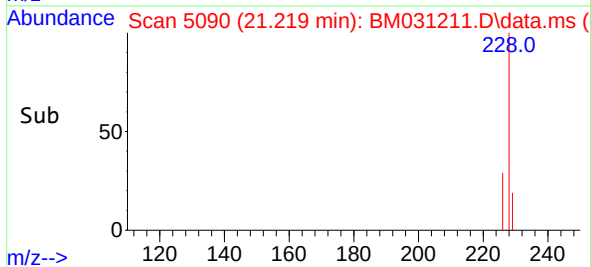
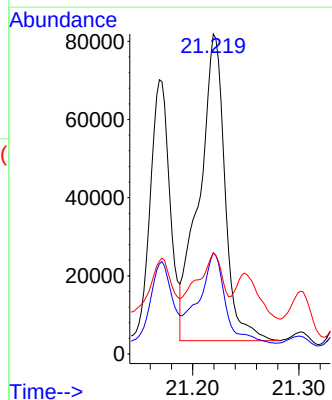
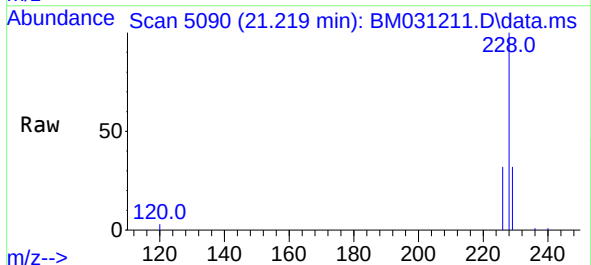
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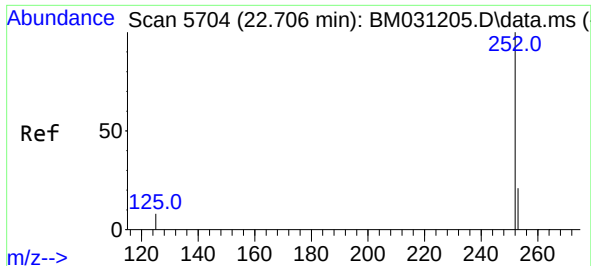
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#22
Chrysene
Concen: 4.408 ng/u1
RT: 21.219 min Scan# 5090
Delta R.T. 0.002 min
Lab File: BM031211.D
Acq: 28 Jul 2021 14:49

Tgt Ion:228 Resp: 132511
Ion Ratio Lower Upper
228 100
226 31.7 24.7 37.1
229 31.5 16.2 24.2#





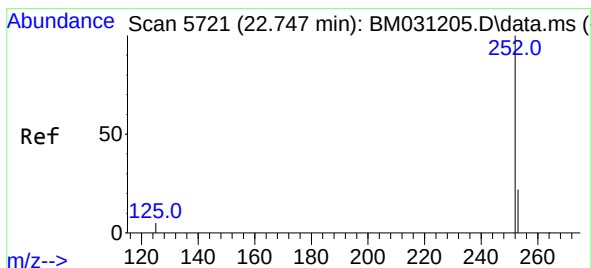
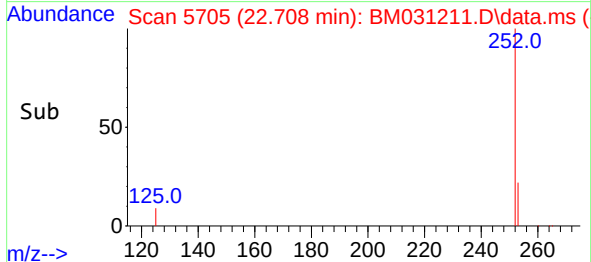
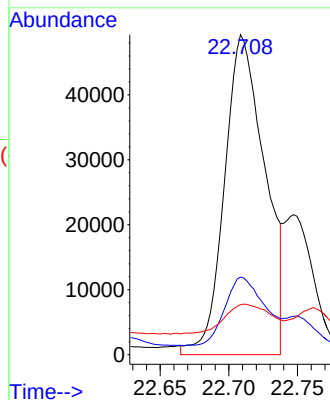
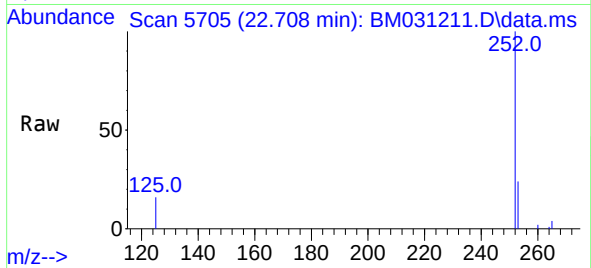
#24
Benzo(b)fluoranthene
Concen: 3.158 ng/ul m
RT: 22.708 min Scan# 5705
Delta R.T. 0.002 min
Lab File: BM031211.D
Acq: 28 Jul 2021 14:49

Tgt Ion:252 Resp: 100723
Ion Ratio Lower Upper
252 100
253 24.3 0.0 53.0
125 15.6 0.0 22.8

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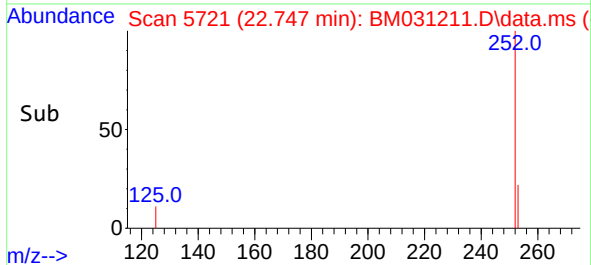
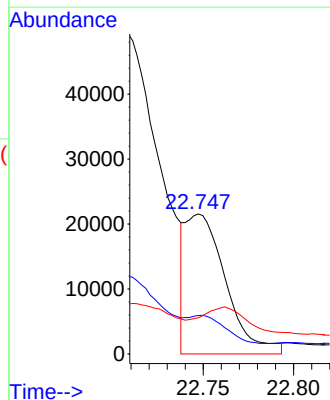
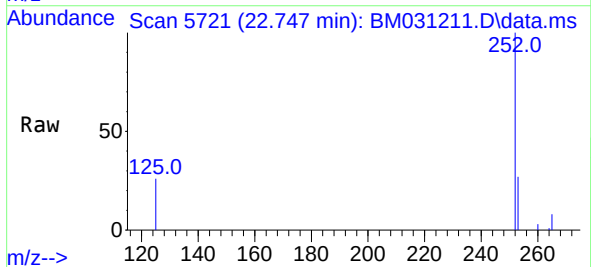
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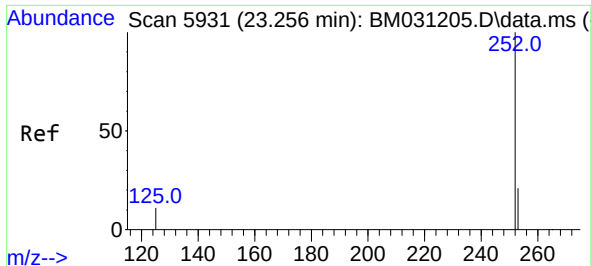
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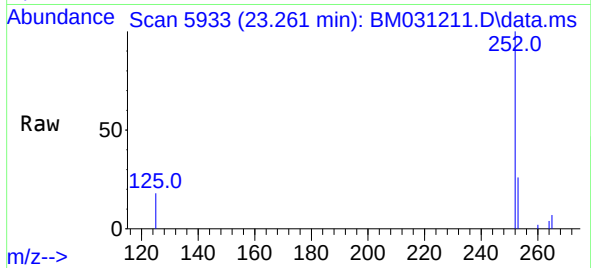
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Benzo(k)fluoranthene
Concen: 1.020 ng/ul m
RT: 22.747 min Scan# 5721
Delta R.T. 0.000 min
Lab File: BM031211.D
Acq: 28 Jul 2021 14:49

Tgt Ion:252 Resp: 33630
Ion Ratio Lower Upper
252 100
253 27.5 21.3 31.9
125 25.9 8.8 13.2#

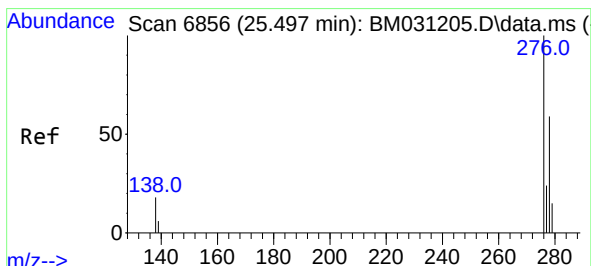
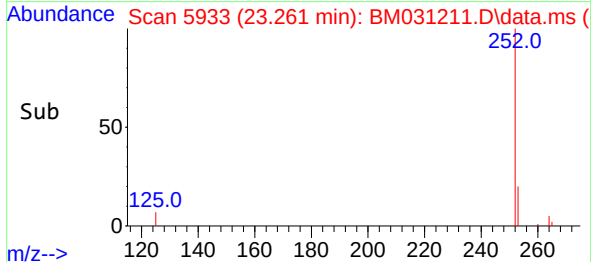
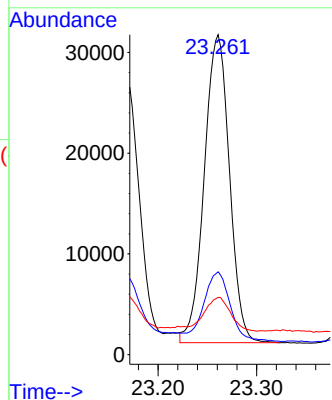




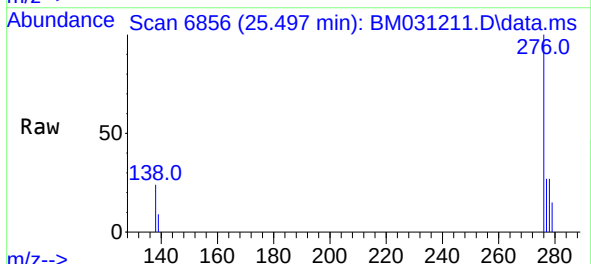
#26
Benzo(a)pyrene
Concen: 1.945 ng/ul
RT: 23.261 min Scan# 5933
Delta R.T. 0.005 min
Lab File: BM031211.D
Acq: 28 Jul 2021 14:49



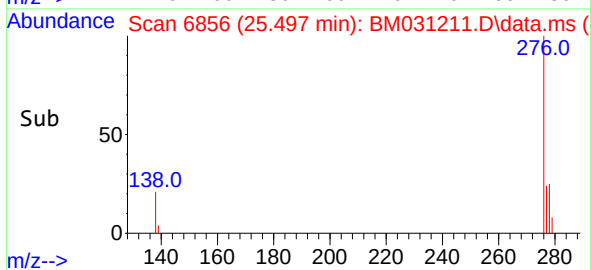
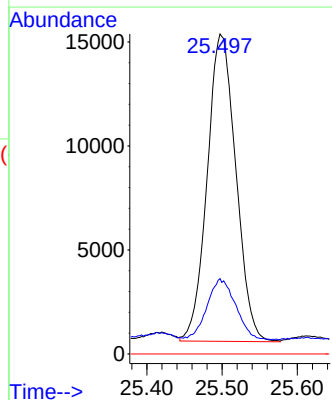
Tgt Ion:252 Resp: 54344
Ion Ratio Lower Upper
252 100
253 25.9 22.4 33.6
125 17.9 13.0 19.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.085 ng/ul
RT: 25.497 min Scan# 6856
Delta R.T. 0.000 min
Lab File: BM031211.D
Acq: 28 Jul 2021 14:49



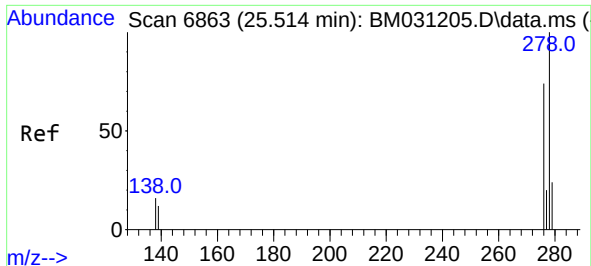
Tgt Ion:276 Resp: 39183
Ion Ratio Lower Upper
276 100
138 19.9 15.8 23.8
227 0.0 0.0 0.0



Instrument :
BNA_M
ClientSampled :
C0003

Manual Integrations
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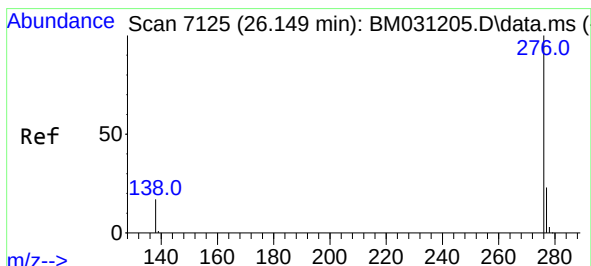
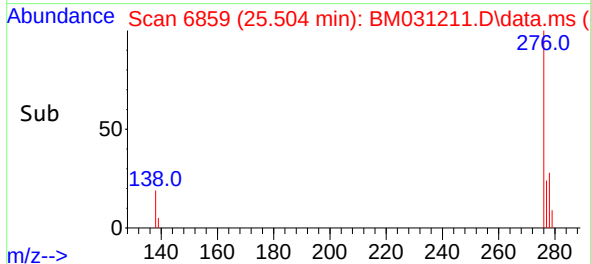
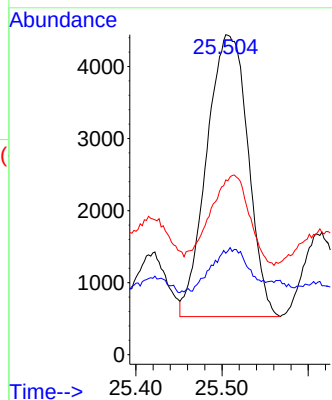
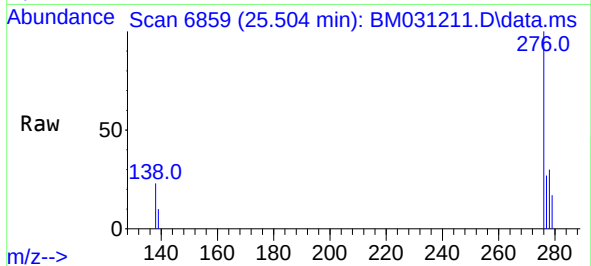
#28
Dibenzo(a,h)anthracene
Concen: 0.448 ng/ul
RT: 25.504 min Scan# 6859
Delta R.T. -0.010 min
Lab File: BM031211.D
Acq: 28 Jul 2021 14:49

Tgt Ion: 278 Resp: 13029
Ion Ratio Lower Upper
278 100
139 31.7 13.3 19.9#
279 54.6 22.8 34.2#

Instrument :
BNA_M
ClientSampleId :
C0003

Manual Integrations
APPROVED

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#29
Benzo(g,h,i)perylene
Concen: 0.203 ng/ul
RT: 26.151 min Scan# 7126
Delta R.T. 0.002 min
Lab File: BM031211.D
Acq: 28 Jul 2021 14:49

Tgt Ion: 276 Resp: 6250
Ion Ratio Lower Upper
276 100
138 36.9 15.4 23.2#
277 36.6 19.9 29.9#

