

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072821\
 Data File : BM031234.D
 Acq On : 29 Jul 2021 06:12
 Operator : CG/JU
 Sample : M3082-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0005

Manual Integrations
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Quant Time: Jul 29 07:10:27 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 Jul 29 06:56:02 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.614	152	1894	0.400	ng/ul	0.00
4) Naphthalene-d8	10.378	136	7026	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.242	164	4224	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.992	188	8088	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.183	240	5910	0.400	ng/ul	# 0.00
23) Perylene-d12	23.348	264	5900	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	3597	1.710	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.970	152	1624	0.137	ng/ul	0.00
18) Fluoranthene-d10	19.023	212	3092	0.157	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.427	128	3851	0.184	ng/ul	98
7) 2-Methylnaphthalene	12.046	142	3707	0.259	ng/ul	100
8) 1-Methylnaphthalene	12.267	142	2401	0.170	ng/ul	100
10) Acenaphthylene	13.967	152	10525	0.585	ng/ul	100
11) Acenaphthene	14.307	153	1078	0.071	ng/ul	98
12) Fluorene	15.296	166	2509	0.144	ng/ul#	93
15) Phenanthrene	17.033	178	58163	2.265	ng/ul	97
16) Anthracene	17.124	178	15815	0.658	ng/ul	99
19) Fluoranthene	19.054	202	207799	8.234	ng/ul	97
20) Pyrene	19.416	202	164938	6.444	ng/ul	97
21) Benzo(a)anthracene	21.166	228	95196	3.989	ng/ul	97
22) Chrysene	21.217	228	101843	4.125	ng/ul	97
24) Benzo(b)fluoranthene	22.703	252	142329m	5.354	ng/ul	
25) Benzo(k)fluoranthene	22.742	252	49997m	1.820	ng/ul	
26) Benzo(a)pyrene	23.256	252	59685	2.564	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	25.494	276	52626	1.749	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.502	278	16251	0.670	ng/ul#	90
29) Benzo(g,h,i)perylene	26.151	276	3853	0.150	ng/ul#	61

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

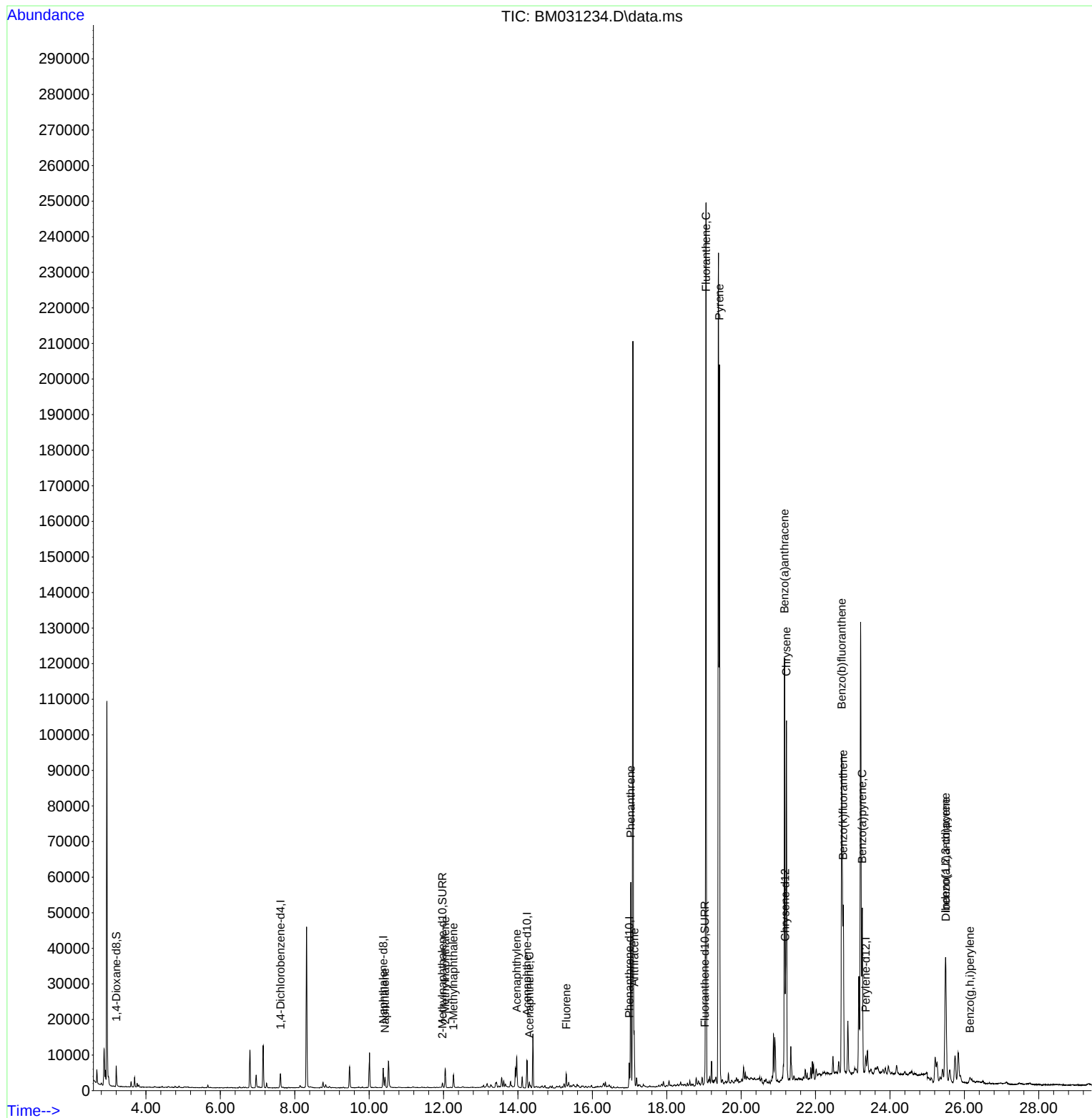
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072821\
Data File : BM031234.D
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ALS Vial : 22 Sample Multiplier: 1

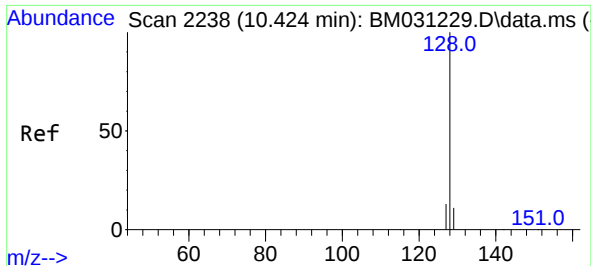
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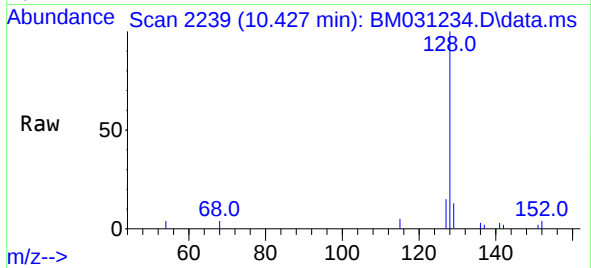
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Quant Time: Jul 29 07:10:27 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 29 06:56:02 2021
Response via : Initial Calibration

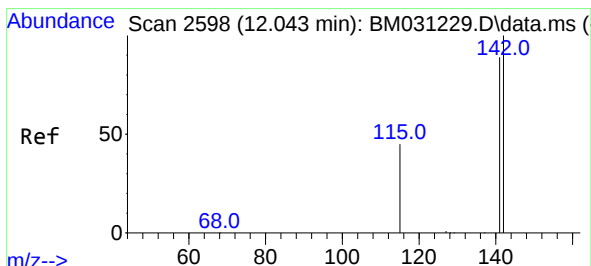
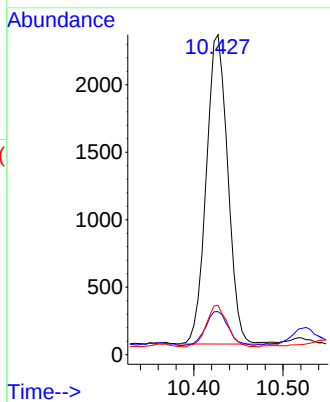
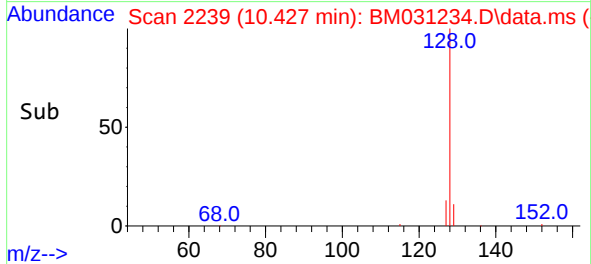




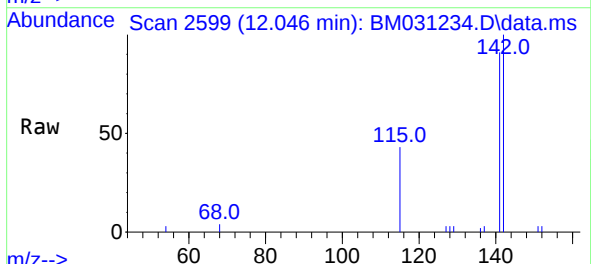
#5
Naphthalene
Concen: 0.184 ng/ul
RT: 10.427 min Scan# 2239
Delta R.T. -0.001 min
Lab File: BM031234.D
Acq: 29 Jul 2021 06:12



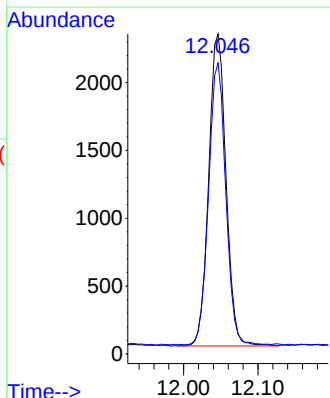
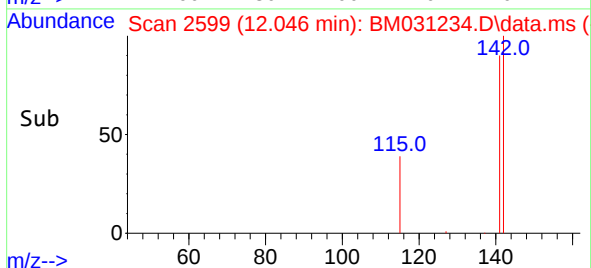
Tgt Ion:128 Resp: 3851
Ion Ratio Lower Upper
128 100
129 13.5 10.0 15.0
127 15.4 11.6 17.4



#7
2-Methylnaphthalene
Concen: 0.259 ng/ul
RT: 12.046 min Scan# 2599
Delta R.T. -0.001 min
Lab File: BM031234.D
Acq: 29 Jul 2021 06:12



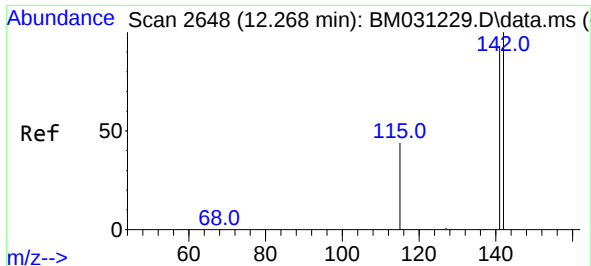
Tgt Ion:142 Resp: 3707
Ion Ratio Lower Upper
142 100
141 89.4 71.4 107.0



Instrument :
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ClientSampleId :
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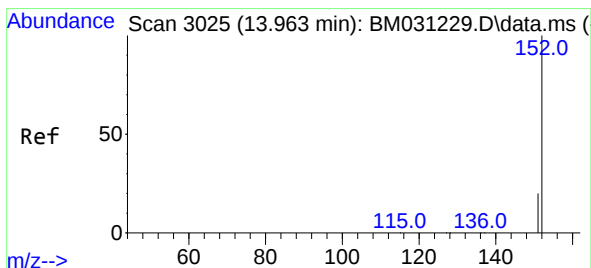
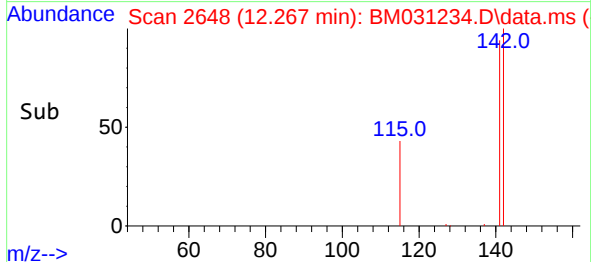
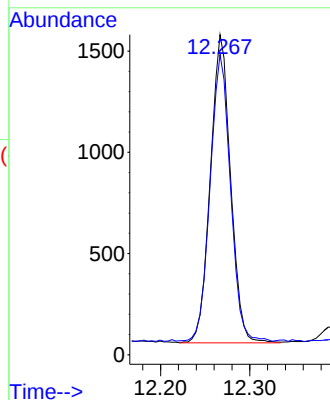
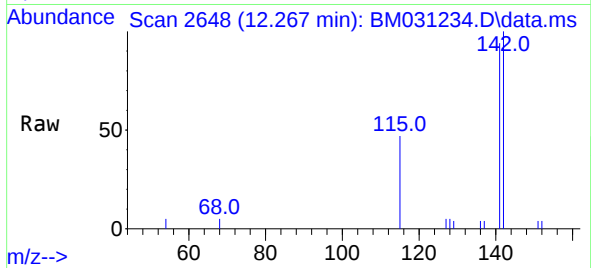
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1-Methylnaphthalene
Concen: 0.170 ng/ul
RT: 12.267 min Scan# 2648
Delta R.T. -0.001 min
Lab File: BM031234.D
Acq: 29 Jul 2021 06:12

Tgt Ion:142 Resp: 2401
Ion Ratio Lower Upper
142 100
141 93.0 74.1 111.1

Instrument :
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ClientSampled :
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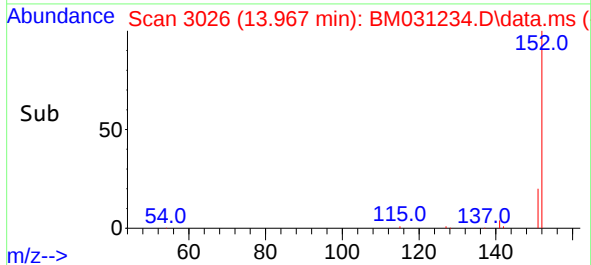
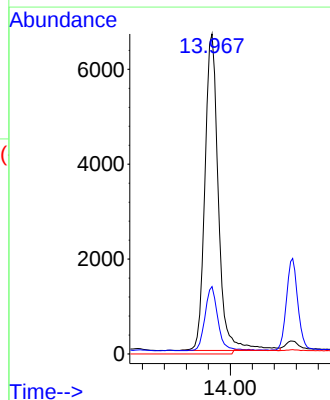
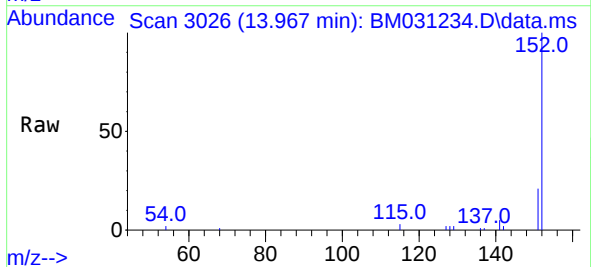
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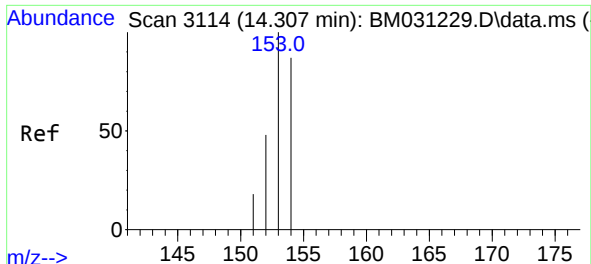
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#10
Acenaphthylene
Concen: 0.585 ng/ul
RT: 13.967 min Scan# 3026
Delta R.T. -0.001 min
Lab File: BM031234.D
Acq: 29 Jul 2021 06:12

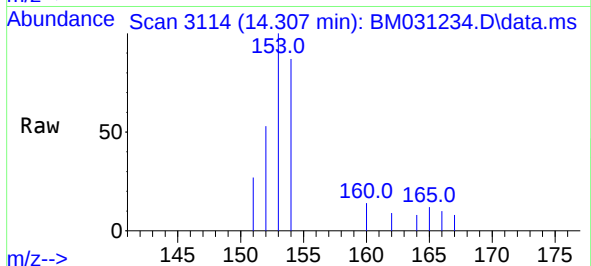
Tgt Ion:152 Resp: 10525
Ion Ratio Lower Upper
152 100
151 21.1 16.9 25.3
153 0.0 0.0 0.0





#11
Acenaphthene
Concen: 0.071 ng/ul
RT: 14.307 min Scan# 3114
Delta R.T. -0.000 min
Lab File: BM031234.D
Acq: 29 Jul 2021 06:12

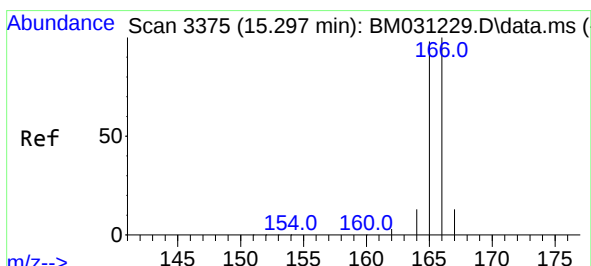
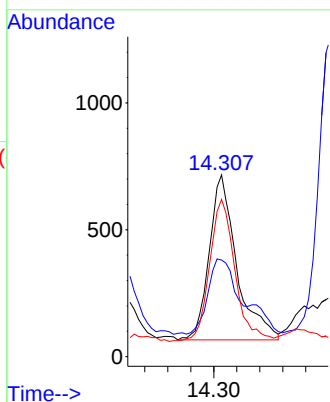
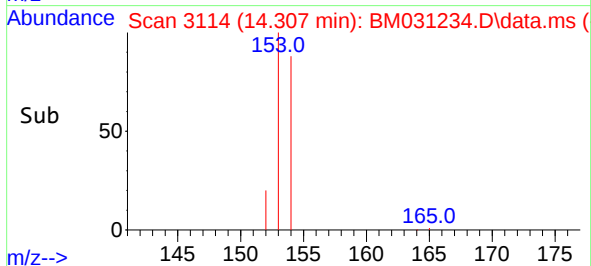
Instrument :
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ClientSampled :
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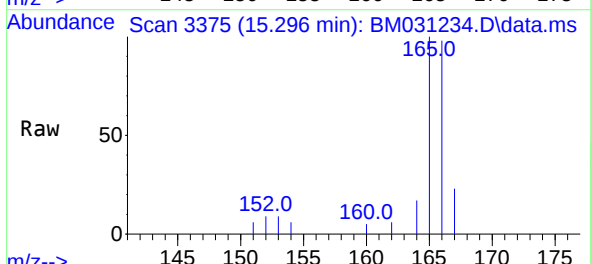
Tgt Ion:153 Resp: 1078
Ion Ratio Lower Upper
153 100
152 53.2 40.7 61.1
154 86.6 70.2 105.2

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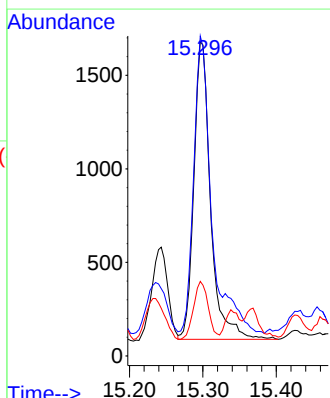
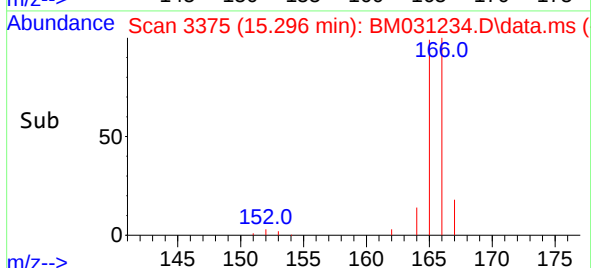
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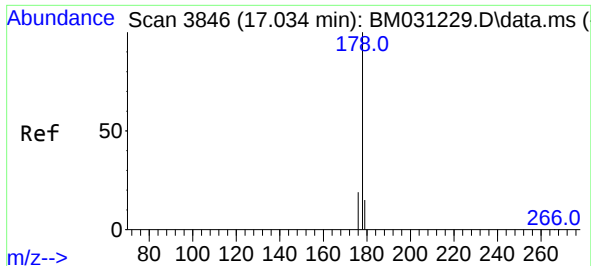


#12
Fluorene
Concen: 0.144 ng/ul
RT: 15.296 min Scan# 3375
Delta R.T. -0.004 min
Lab File: BM031234.D
Acq: 29 Jul 2021 06:12



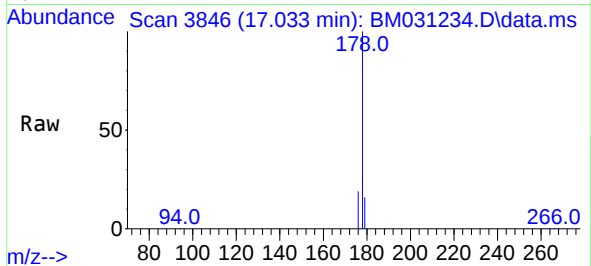
Tgt Ion:166 Resp: 2509
Ion Ratio Lower Upper
166 100
165 101.8 78.0 117.0
167 23.8 12.0 18.0#





#15
Phenanthrene
Concen: 2.265 ng/u1
RT: 17.033 min Scan# 3846
Delta R.T. -0.000 min
Lab File: BM031234.D
Acq: 29 Jul 2021 06:12

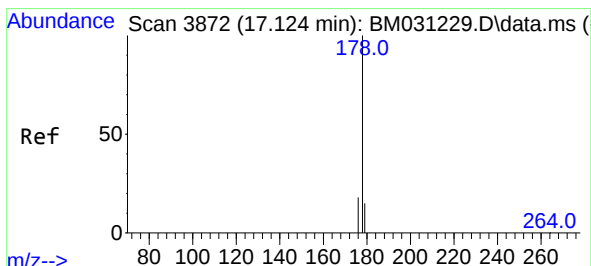
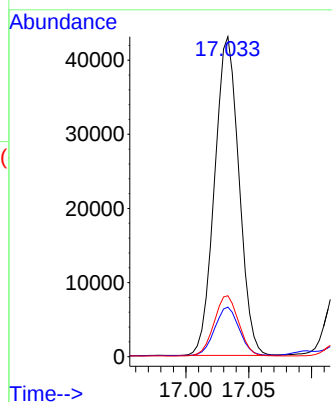
Instrument :
BNA_M
ClientSampled :
C0005



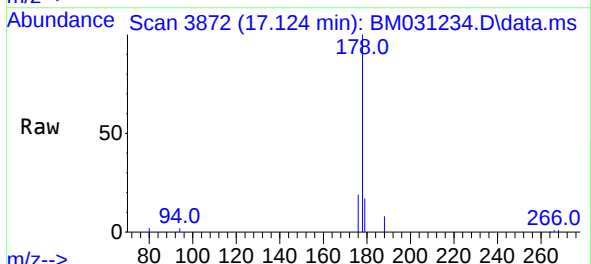
Tgt Ion:178 Resp: 58163
Ion Ratio Lower Upper
178 100
179 15.5 13.3 19.9
176 19.0 16.2 24.4

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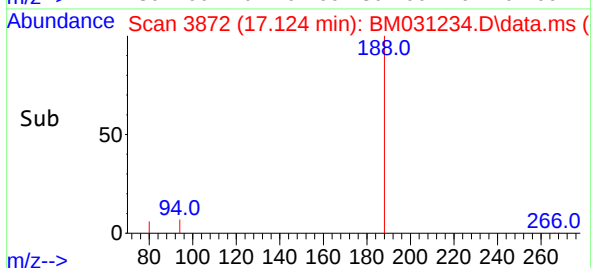
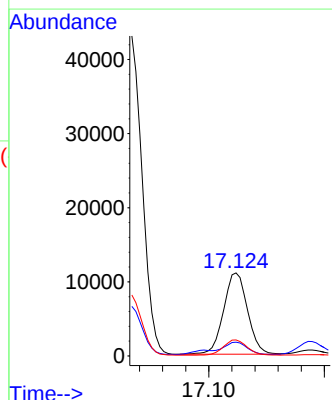
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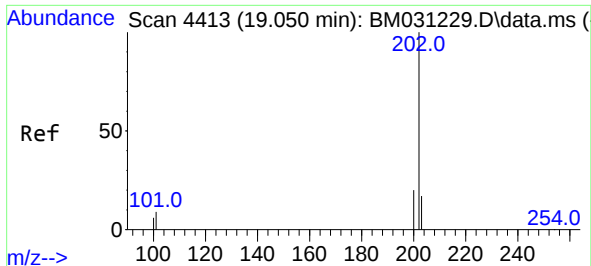


#16
Anthracene
Concen: 0.658 ng/u1
RT: 17.124 min Scan# 3872
Delta R.T. -0.000 min
Lab File: BM031234.D
Acq: 29 Jul 2021 06:12



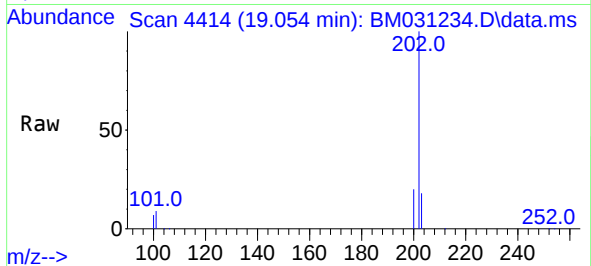
Tgt Ion:178 Resp: 15815
Ion Ratio Lower Upper
178 100
179 16.7 13.0 19.6
176 19.3 15.6 23.4





#19
Fluoranthene
Concen: 8.234 ng/ul
RT: 19.054 min Scan# 4414
Delta R.T. -0.000 min
Lab File: BM031234.D
Acq: 29 Jul 2021 06:12

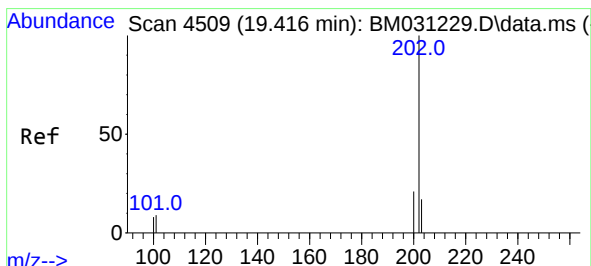
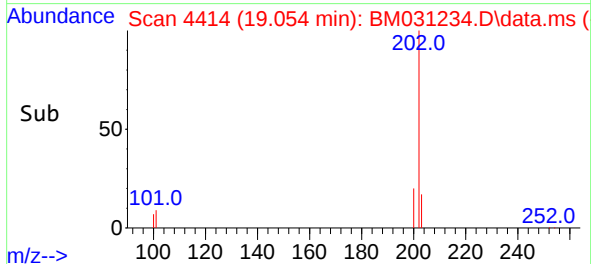
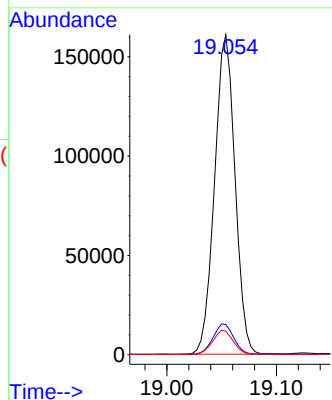
Instrument :
BNA_M
ClientSampled :
C0005



Tgt Ion:202 Resp: 207799
Ion Ratio Lower Upper
202 100
101 9.4 6.6 10.0
100 7.3 5.4 8.0

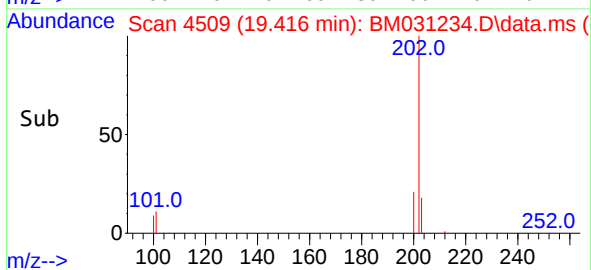
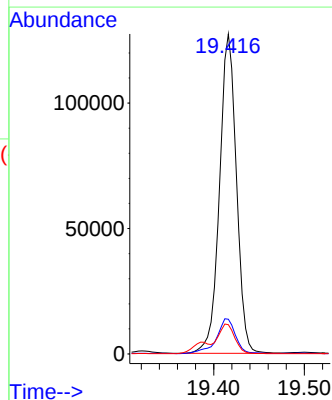
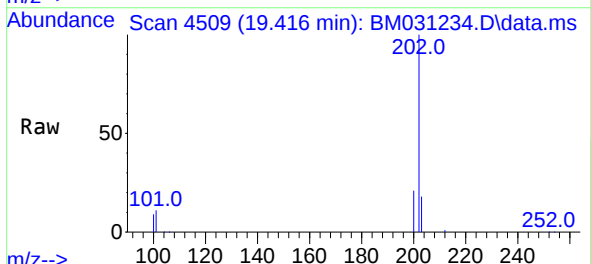
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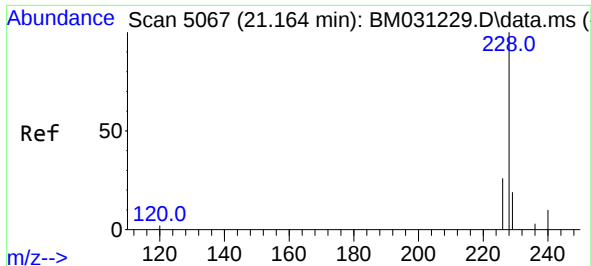
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#20
Pyrene
Concen: 6.444 ng/ul
RT: 19.416 min Scan# 4509
Delta R.T. -0.000 min
Lab File: BM031234.D
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Tgt Ion:202 Resp: 164938
Ion Ratio Lower Upper
202 100
101 10.9 7.8 11.6
100 9.2 6.6 10.0





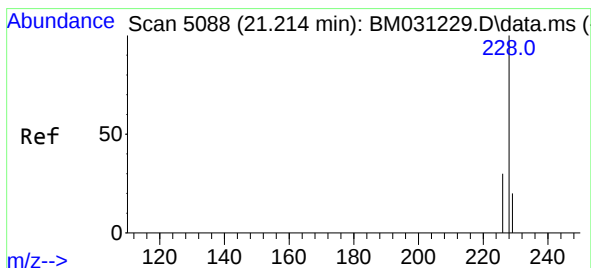
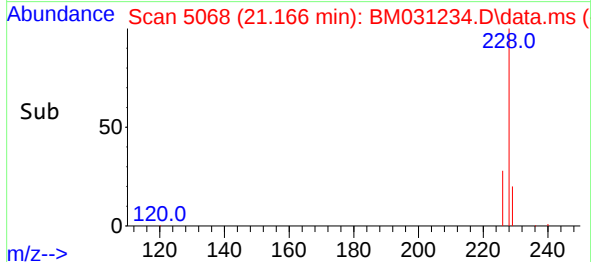
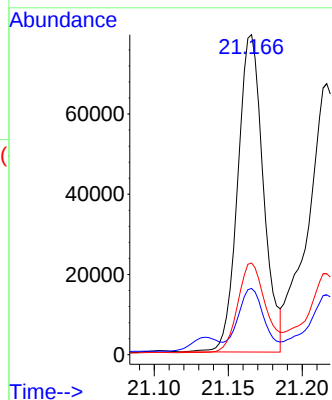
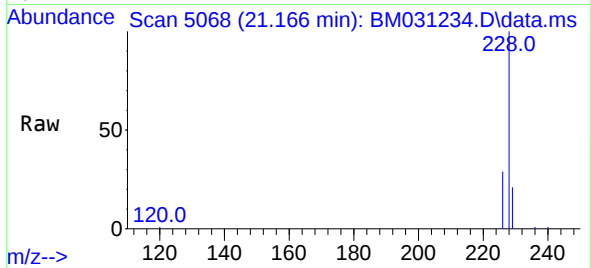
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Benzo(a)anthracene
Concen: 3.989 ng/ul
RT: 21.166 min Scan# 5068
Delta R.T. -0.000 min
Lab File: BM031234.D
Acq: 29 Jul 2021 06:12

Tgt Ion:228	Resp:	95196
Ion Ratio	Lower	Upper
228	100	
229	20.7	15.6 23.4
226	28.6	21.7 32.5

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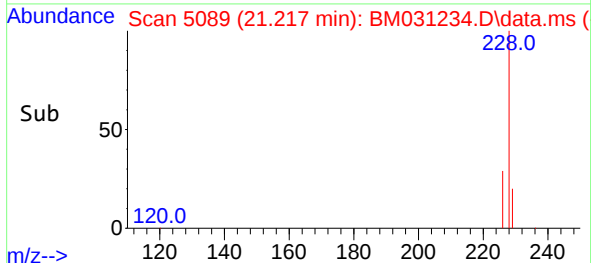
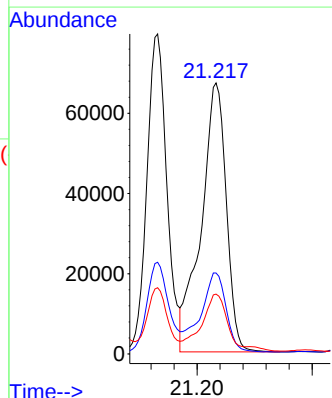
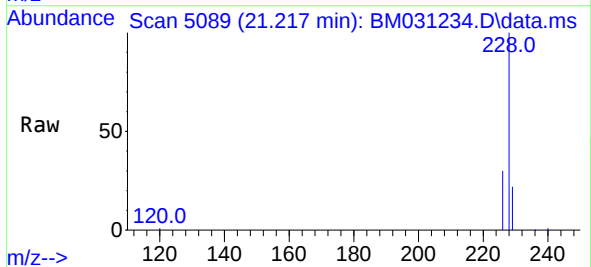
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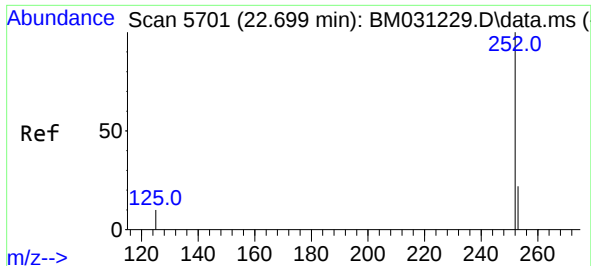
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#22
Chrysene
Concen: 4.125 ng/ul
RT: 21.217 min Scan# 5089
Delta R.T. -0.000 min
Lab File: BM031234.D
Acq: 29 Jul 2021 06:12

Tgt Ion:228	Resp:	101843
Ion Ratio	Lower	Upper
228	100	
226	29.8	24.7 37.1
229	22.1	16.2 24.2





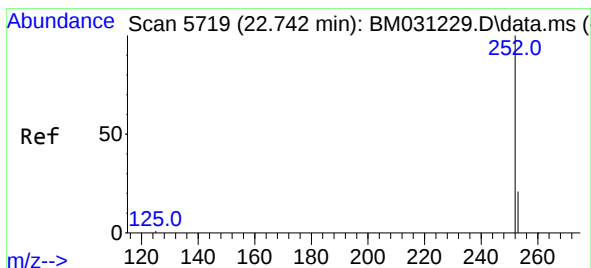
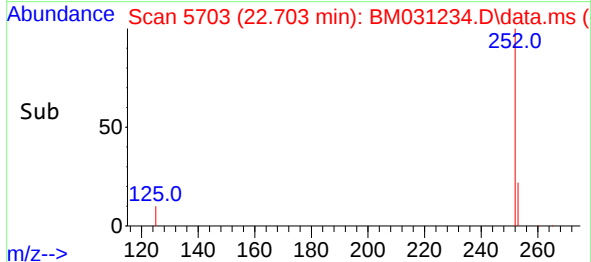
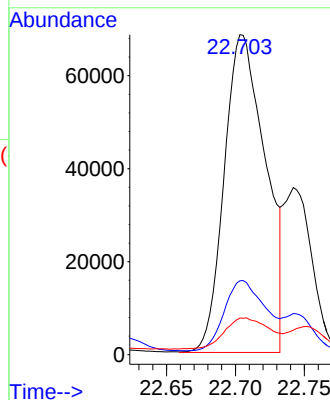
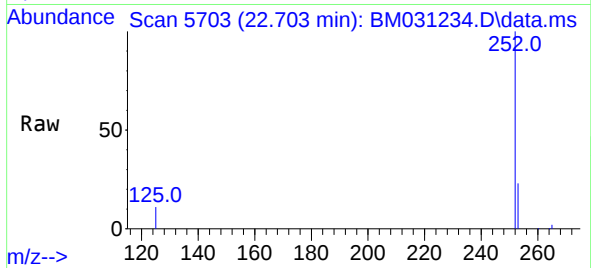
#24
Benzo(b)fluoranthene
Concen: 5.354 ng/ul m
RT: 22.703 min Scan# 5703
Delta R.T. -0.003 min
Lab File: BM031234.D
Acq: 29 Jul 2021 06:12

Tgt Ion:252 Resp: 142329
Ion Ratio Lower Upper
252 100
253 23.1 0.0 53.0
125 11.5 0.0 22.8

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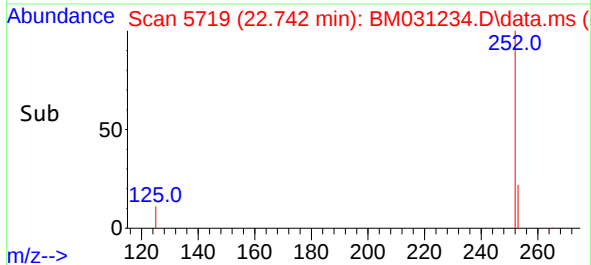
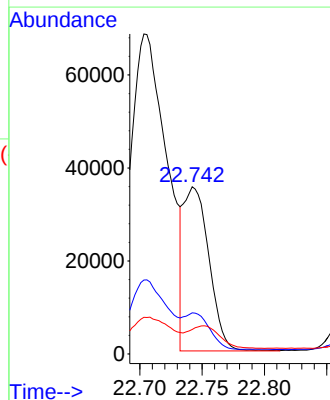
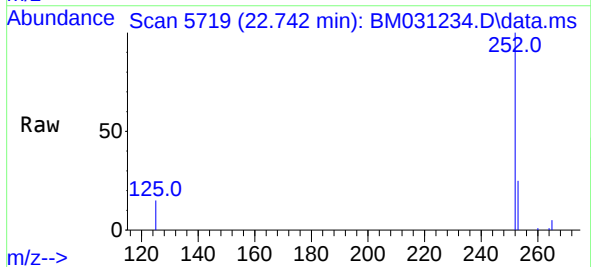
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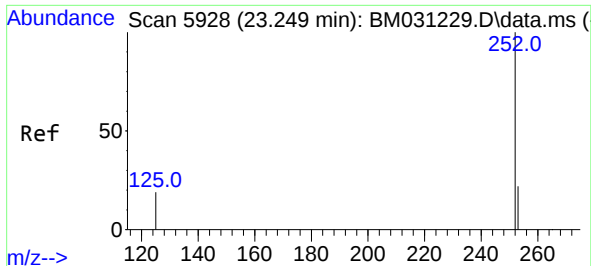
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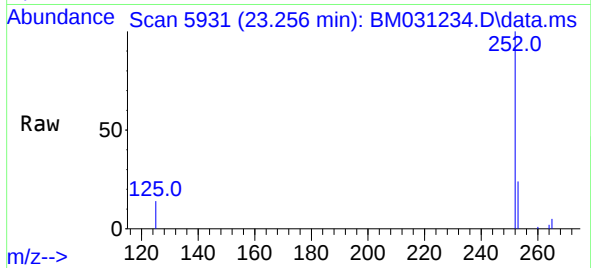
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Benzo(k)fluoranthene
Concen: 1.820 ng/ul m
RT: 22.742 min Scan# 5719
Delta R.T. -0.005 min
Lab File: BM031234.D
Acq: 29 Jul 2021 06:12

Tgt Ion:252 Resp: 49997
Ion Ratio Lower Upper
252 100
253 24.6 21.3 31.9
125 14.6 8.8 13.2#

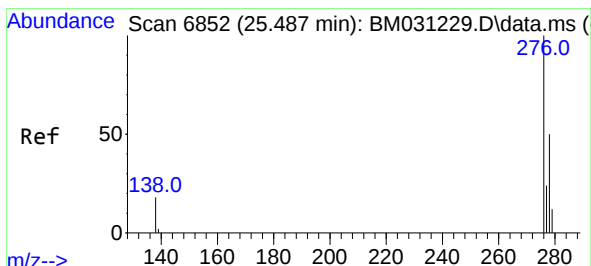
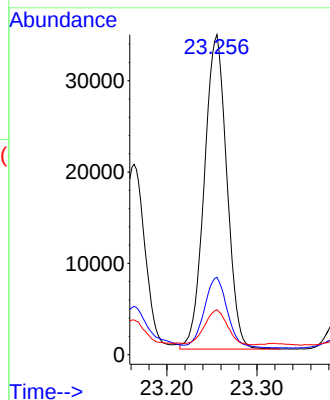
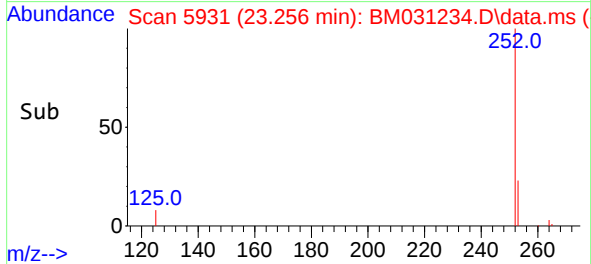




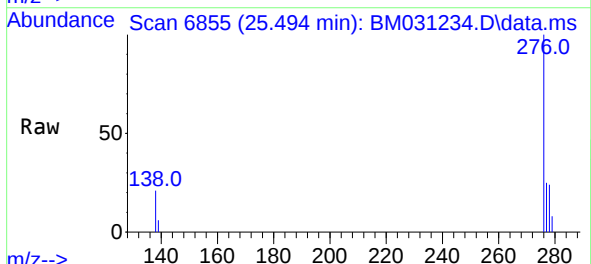
#26
Benzo(a)pyrene
Concen: 2.564 ng/ul
RT: 23.256 min Scan# 5931
Delta R.T. -0.000 min
Lab File: BM031234.D
Acq: 29 Jul 2021 06:12



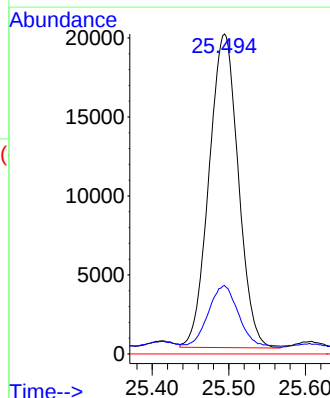
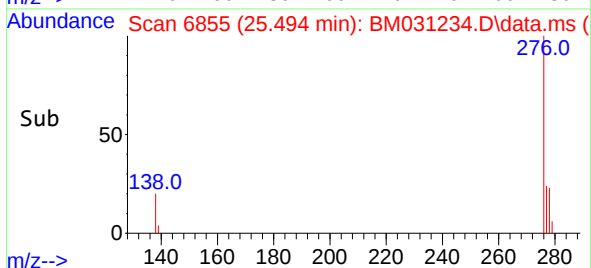
Tgt Ion:252 Resp: 59685
Ion Ratio Lower Upper
252 100
253 24.1 22.4 33.6
125 14.0 13.0 19.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.749 ng/ul
RT: 25.494 min Scan# 6855
Delta R.T. -0.003 min
Lab File: BM031234.D
Acq: 29 Jul 2021 06:12



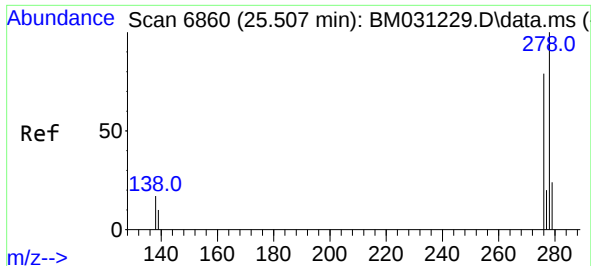
Tgt Ion:276 Resp: 52626
Ion Ratio Lower Upper
276 100
138 20.5 15.8 23.8
227 0.0 0.0 0.0



Instrument :
BNA_M
ClientSampled :
C0005

Manual Integrations
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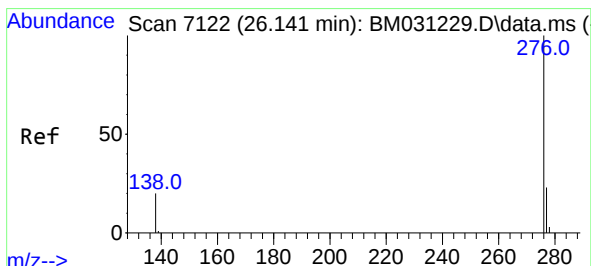
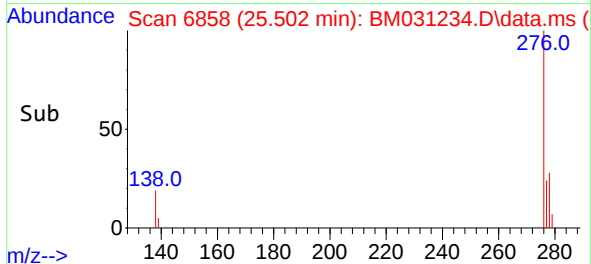
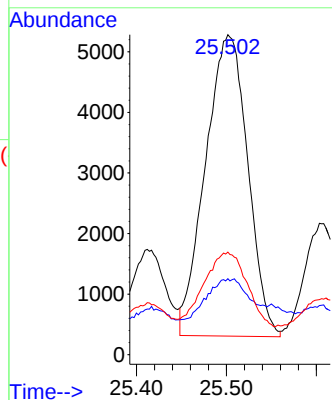
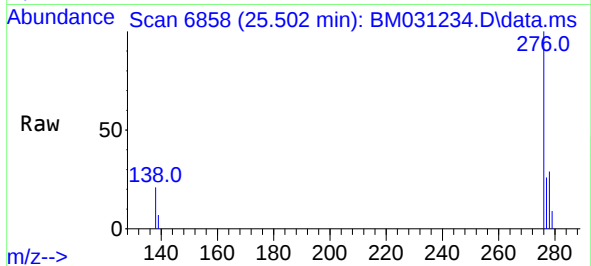
#28
Dibenzo(a,h)anthracene
Concen: 0.670 ng/ul
RT: 25.502 min Scan# 6858
Delta R.T. -0.013 min
Lab File: BM031234.D
Acq: 29 Jul 2021 06:12

Tgt Ion:278 Resp: 16251
Ion Ratio Lower Upper
278 100
139 23.8 13.3 19.9#
279 32.1 22.8 34.2

Instrument :
BNA_M
ClientSampled :
C0005

Manual Integrations
APPROVED

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#29
Benzo(g,h,i)perylene
Concen: 0.150 ng/ul
RT: 26.151 min Scan# 7126
Delta R.T. 0.002 min
Lab File: BM031234.D
Acq: 29 Jul 2021 06:12

Tgt Ion:276 Resp: 3853
Ion Ratio Lower Upper
276 100
138 42.1 15.4 23.2#
277 40.1 19.9 29.9#

