

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072821\
 Data File : BM031224.D
 Acq On : 28 Jul 2021 22:51
 Operator : CG/JU
 Sample : M3082-20
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0018

Manual Integrations
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Quant Time: Jul 29 03:22:28 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 15:20:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.614	152	1840	0.400	ng/ul	0.00
4) Naphthalene-d8	10.379	136	7037	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.242	164	4269	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.992	188	8491	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.180	240	6638	0.400	ng/ul	# 0.00
23) Perylene-d12	23.348	264	6295	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	4152	2.032	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.971	152	1630	0.137	ng/ul	0.00
18) Fluoranthene-d10	19.024	212	3532	0.159	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.428	128	3529	0.168	ng/ul	96
7) 2-Methylnaphthalene	12.047	142	3364	0.235	ng/ul	100
8) 1-Methylnaphthalene	12.267	142	2185	0.154	ng/ul	99
10) Acenaphthylene	13.963	152	6858	0.377	ng/ul	100
11) Acenaphthene	14.307	153	1545	0.101	ng/ul	98
12) Fluorene	15.300	166	3398	0.193	ng/ul#	96
14) Pentachlorophenol	16.645	266	90	0.033	ng/ul	94
15) Phenanthrene	17.034	178	77651	2.880	ng/ul	98
16) Anthracene	17.124	178	18516	0.734	ng/ul	99
19) Fluoranthene	19.054	202	189919	6.700	ng/ul	98
20) Pyrene	19.416	202	139203	4.842	ng/ul	97
21) Benzo(a)anthracene	21.166	228	75149	2.804	ng/ul	97
22) Chrysene	21.217	228	79741	2.875	ng/ul	98
24) Benzo(b)fluoranthene	22.706	252	107647m	3.795	ng/ul	
25) Benzo(k)fluoranthene	22.742	252	34824m	1.188	ng/ul	
26) Benzo(a)pyrene	23.256	252	50008	2.013	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	25.494	276	41740	1.300	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.499	278	12166	0.470	ng/ul#	92
29) Benzo(g,h,i)perylene	26.151	276	4073	0.149	ng/ul#	73

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

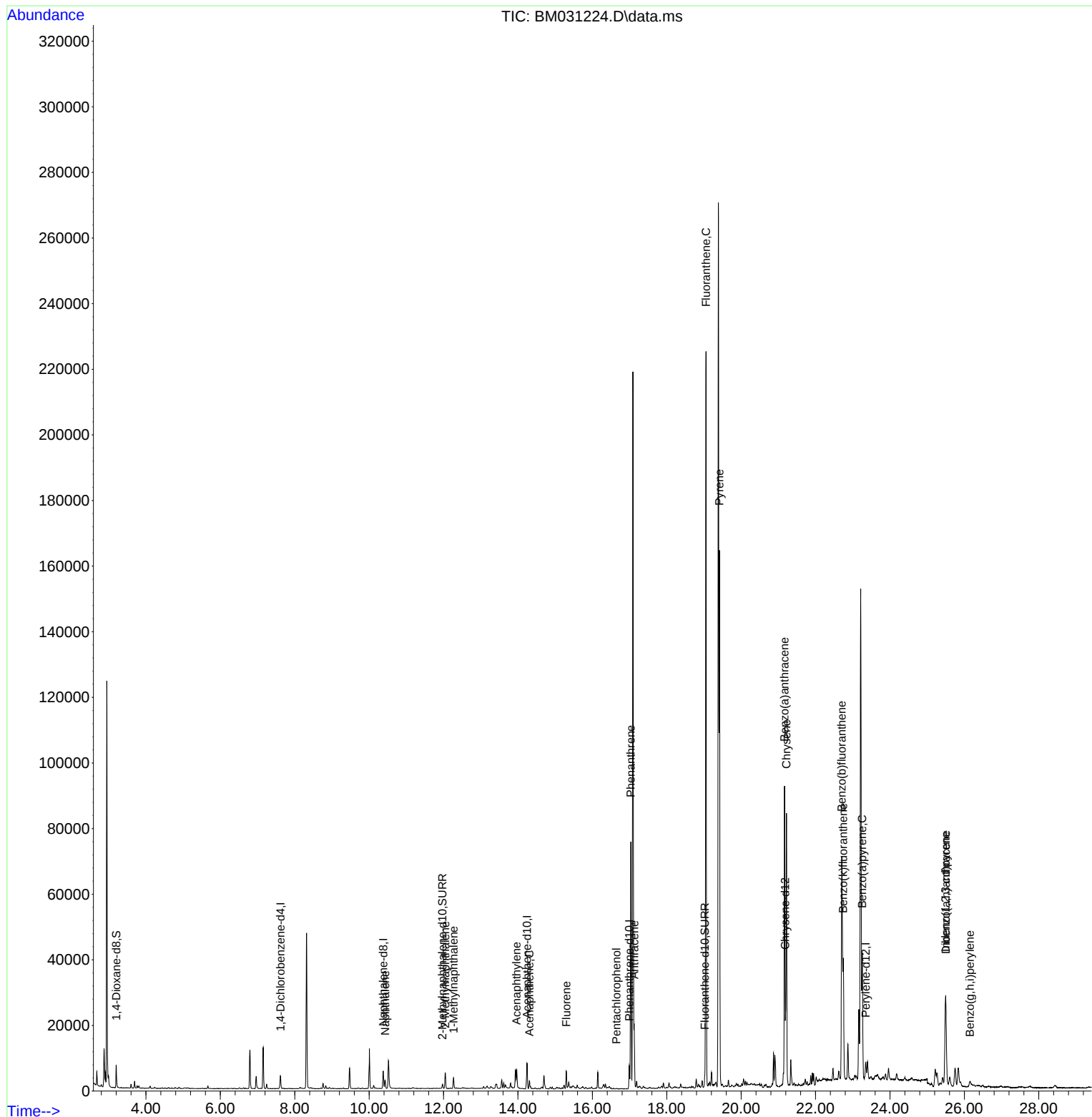
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072821\
Data File : BM031224.D
Acq On : 28 Jul 2021 22:51
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ALS Vial : 11 Sample Multiplier: 1

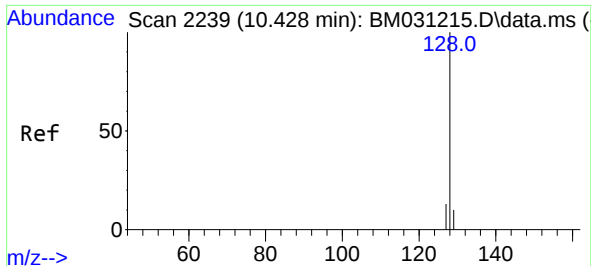
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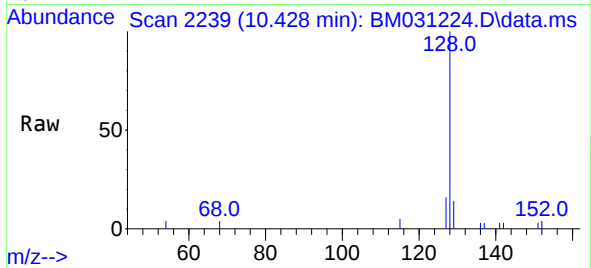
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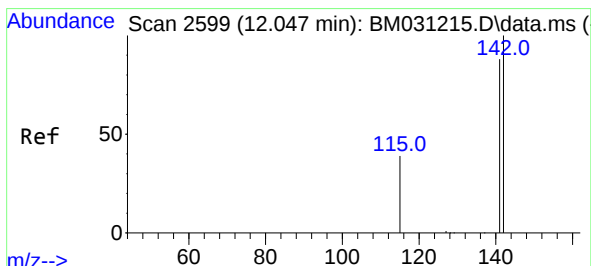
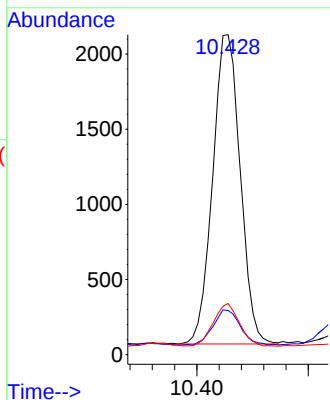
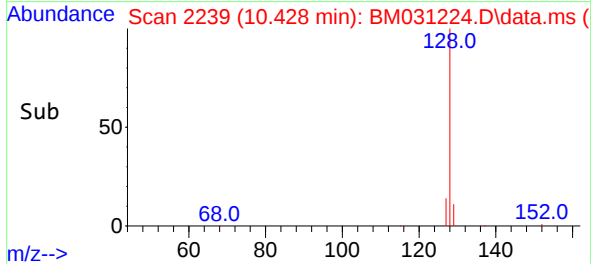




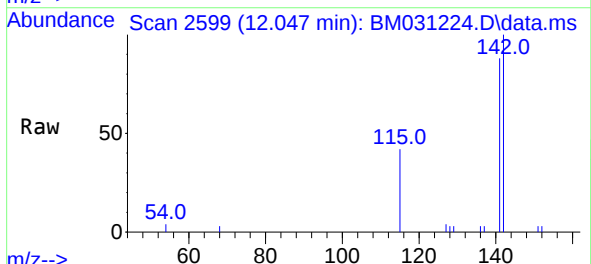
#5
Naphthalene
Concen: 0.168 ng/ul
RT: 10.428 min Scan# 2239
Delta R.T. -0.000 min
Lab File: BM031224.D
Acq: 28 Jul 2021 22:51



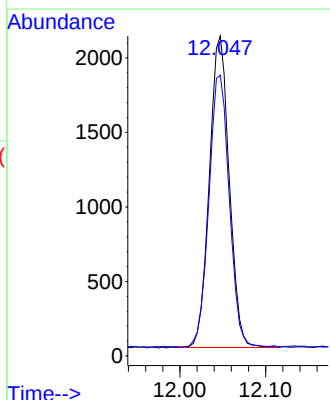
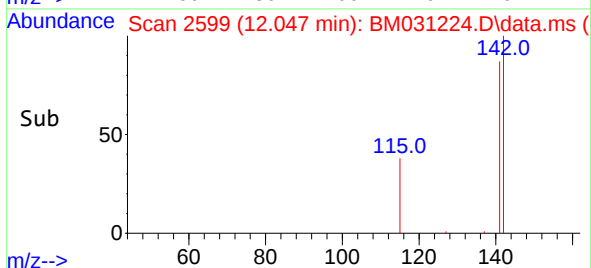
Tgt Ion:	128	Resp:	3529
Ion	Ratio	Lower	Upper
128	100		
129	13.8	10.0	15.0
127	16.0	11.6	17.4



#7
2-Methylnaphthalene
Concen: 0.235 ng/ul
RT: 12.047 min Scan# 2599
Delta R.T. -0.000 min
Lab File: BM031224.D
Acq: 28 Jul 2021 22:51



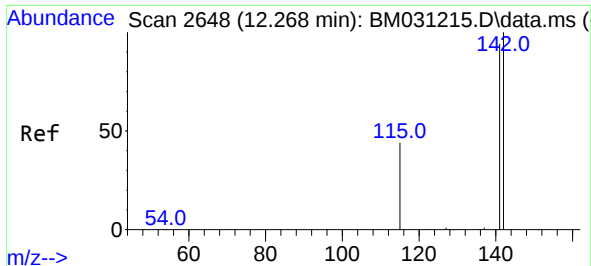
Tgt Ion:	142	Resp:	3364
Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.4	107.0



Instrument :
BNA_M
ClientSampled :
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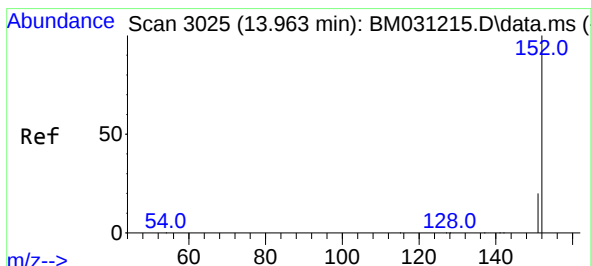
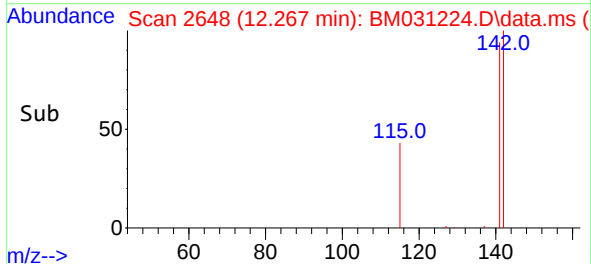
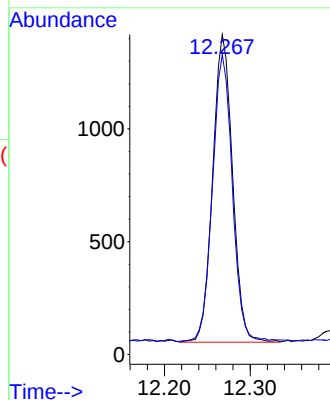
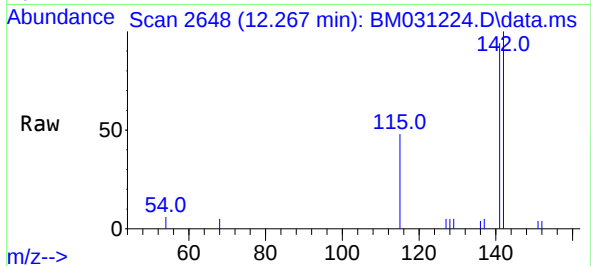
#8
1-Methylnaphthalene
Concen: 0.154 ng/ul
RT: 12.267 min Scan# 2648
Delta R.T. -0.000 min
Lab File: BM031224.D
Acq: 28 Jul 2021 22:51

Tgt Ion:142 Resp: 2185
Ion Ratio Lower Upper
142 100
141 93.6 74.1 111.1

Instrument :
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ClientSampled :
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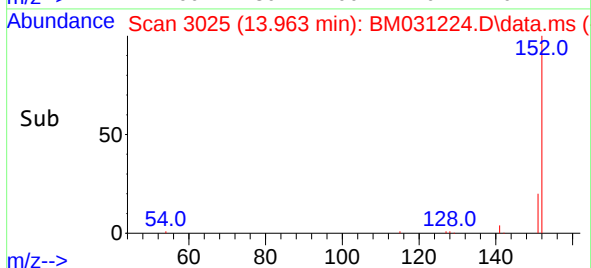
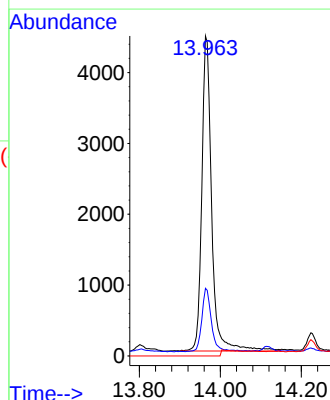
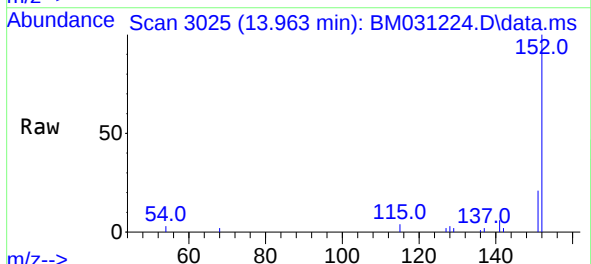
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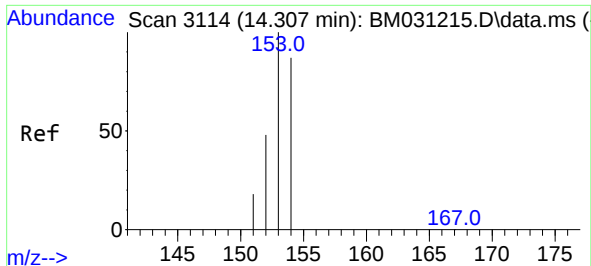
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#10
Acenaphthylene
Concen: 0.377 ng/ul
RT: 13.963 min Scan# 3025
Delta R.T. -0.005 min
Lab File: BM031224.D
Acq: 28 Jul 2021 22:51

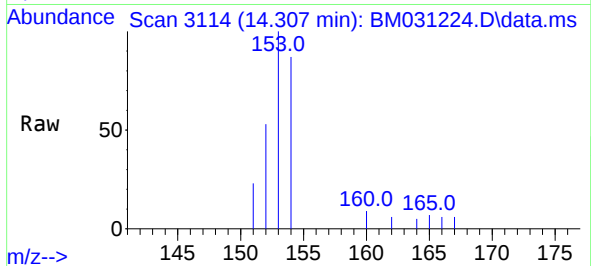
Tgt Ion:152 Resp: 6858
Ion Ratio Lower Upper
152 100
151 21.1 16.9 25.3
153 0.0 0.0 0.0





#11
Acenaphthene
Concen: 0.101 ng/ul
RT: 14.307 min Scan# 3114
Delta R.T. -0.000 min
Lab File: BM031224.D
Acq: 28 Jul 2021 22:51

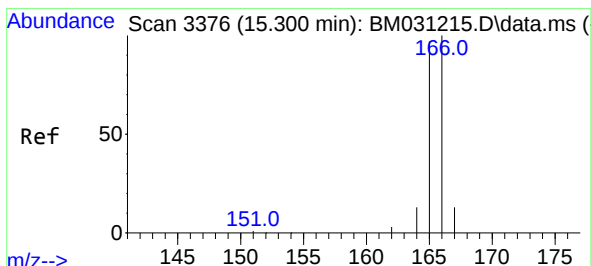
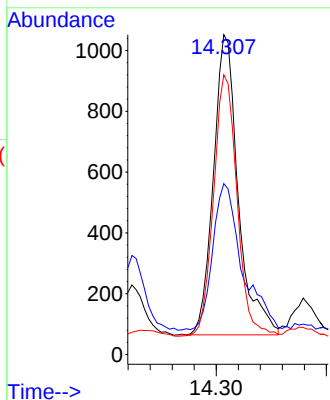
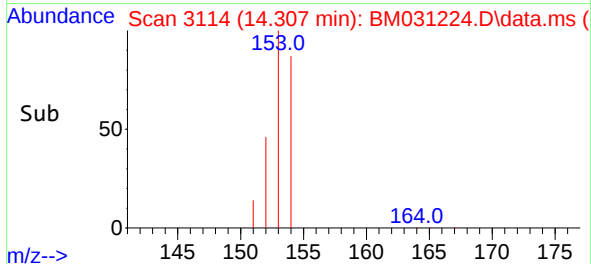
Instrument :
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ClientSampled :
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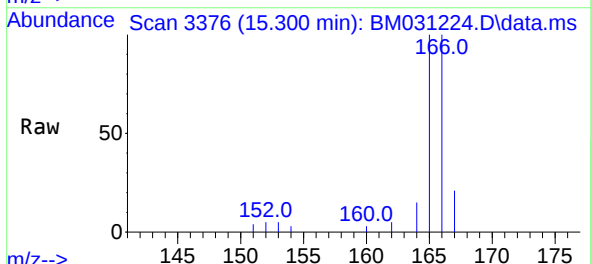
Tgt Ion:153 Resp: 1545
Ion Ratio Lower Upper
153 100
152 53.4 40.7 61.1
154 87.5 70.2 105.2

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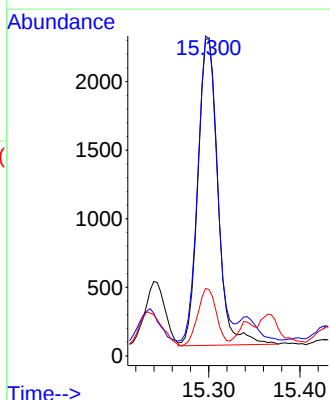
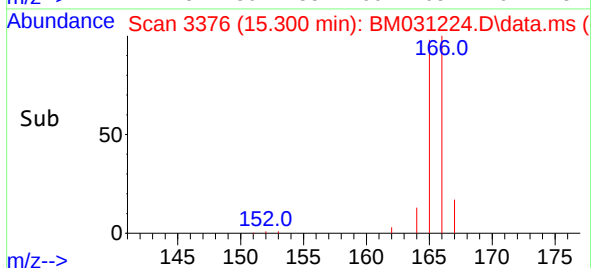
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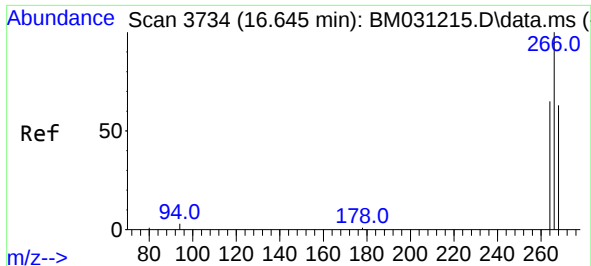


#12
Fluorene
Concen: 0.193 ng/ul
RT: 15.300 min Scan# 3376
Delta R.T. -0.000 min
Lab File: BM031224.D
Acq: 28 Jul 2021 22:51



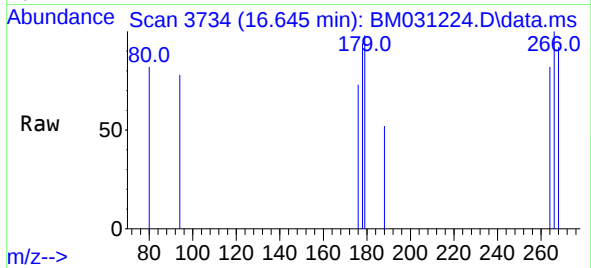
Tgt Ion:166 Resp: 3398
Ion Ratio Lower Upper
166 100
165 99.7 78.0 117.0
167 20.9 12.0 18.0#





#14
Pentachlorophenol
Concen: 0.033 ng/ul
RT: 16.645 min Scan# 3734
Delta R.T. -0.004 min
Lab File: BM031224.D
Acq: 28 Jul 2021 22:51

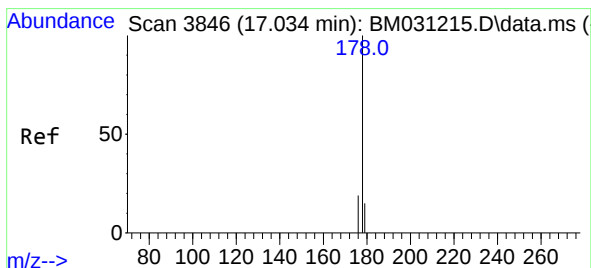
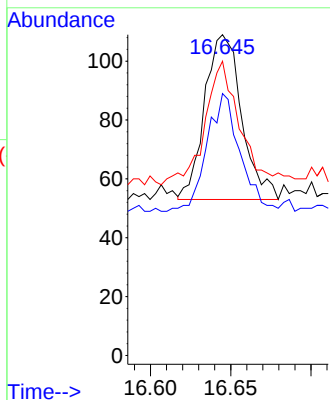
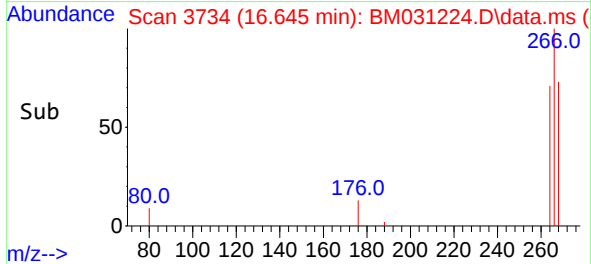
Instrument :
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ClientSampled :
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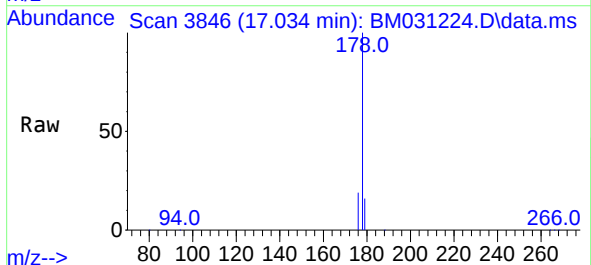
Tgt Ion:266 Resp: 90
Ion Ratio Lower Upper
266 100
264 63.3 50.1 75.1
268 72.2 51.3 76.9

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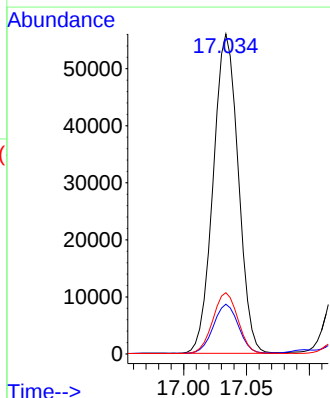
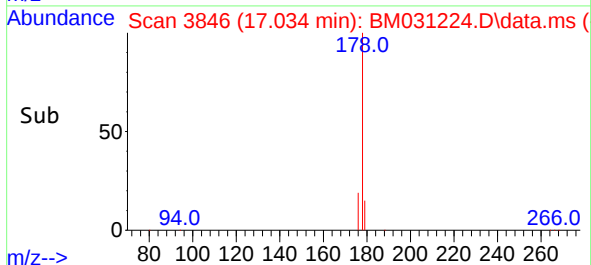
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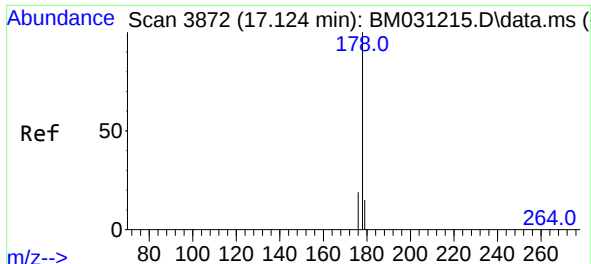


#15
Phenanthrene
Concen: 2.880 ng/ul
RT: 17.034 min Scan# 3846
Delta R.T. -0.000 min
Lab File: BM031224.D
Acq: 28 Jul 2021 22:51



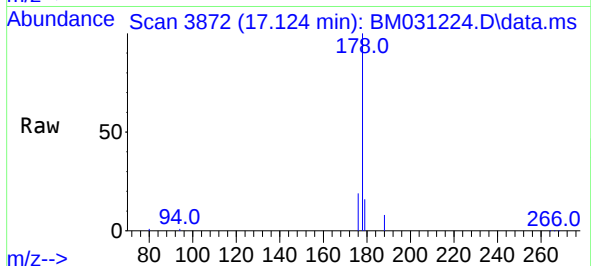
Tgt Ion:178 Resp: 77651
Ion Ratio Lower Upper
178 100
179 15.5 13.3 19.9
176 19.2 16.2 24.4





#16
 Anthracene
 Concen: 0.734 ng/ul
 RT: 17.124 min Scan# 3872
 Delta R.T. -0.000 min
 Lab File: BM031224.D
 Acq: 28 Jul 2021 22:51

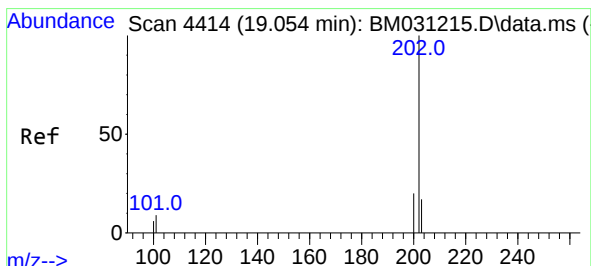
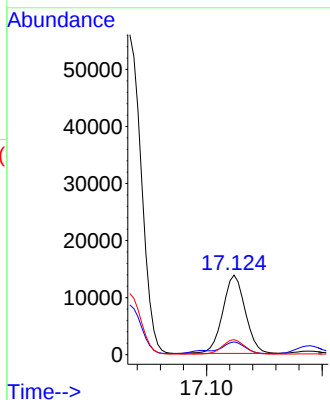
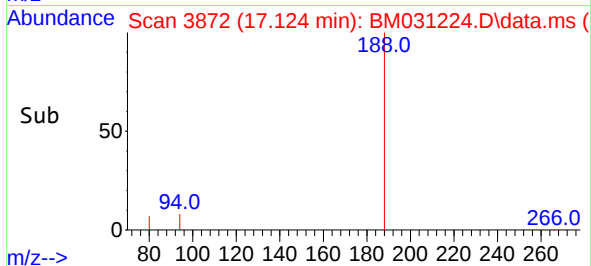
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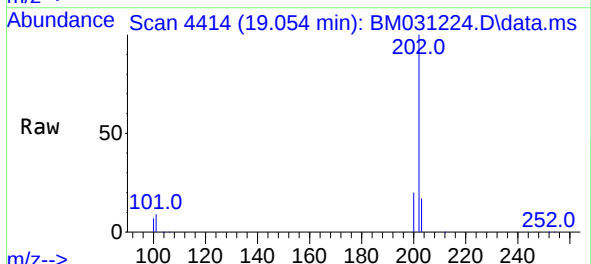
Tgt Ion:178 Resp: 18516
 Ion Ratio Lower Upper
 178 100
 179 16.0 13.0 19.6
 176 19.0 15.6 23.4

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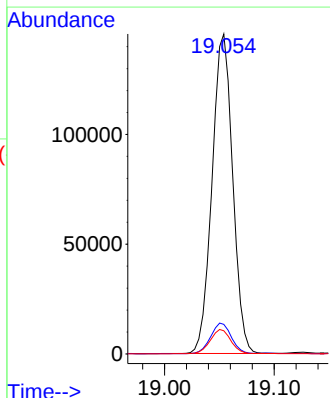
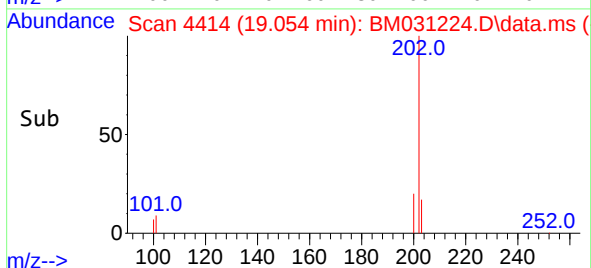
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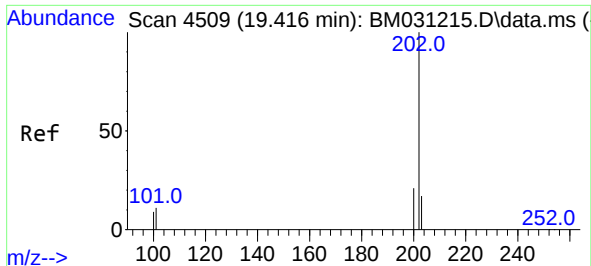


#19
 Fluoranthene
 Concen: 6.700 ng/ul
 RT: 19.054 min Scan# 4414
 Delta R.T. -0.000 min
 Lab File: BM031224.D
 Acq: 28 Jul 2021 22:51



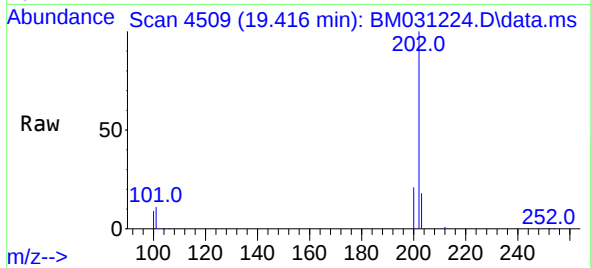
Tgt Ion:202 Resp: 189919
 Ion Ratio Lower Upper
 202 100
 101 9.3 6.6 10.0
 100 7.2 5.4 8.0





#20
Pyrene
Concen: 4.842 ng/ul
RT: 19.416 min Scan# 4509
Delta R.T. -0.000 min
Lab File: BM031224.D
Acq: 28 Jul 2021 22:51

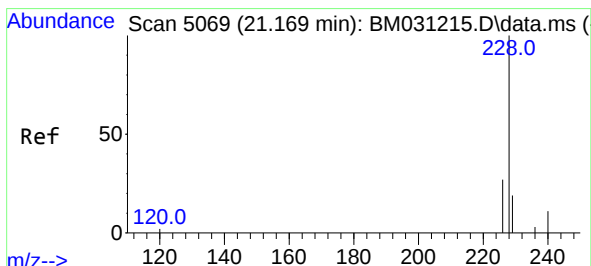
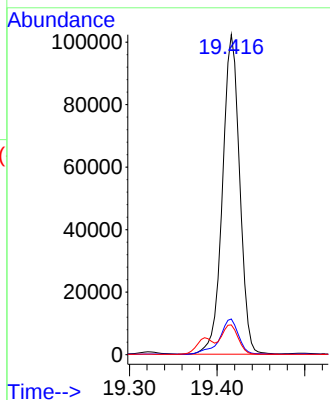
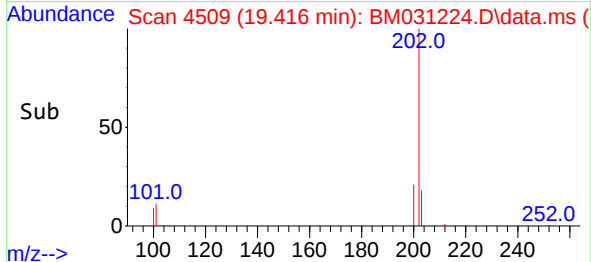
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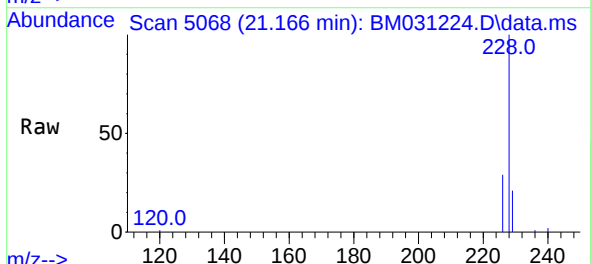
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Ion Ratio Lower Upper
202 100
101 11.1 7.8 11.6
100 9.3 6.6 10.0

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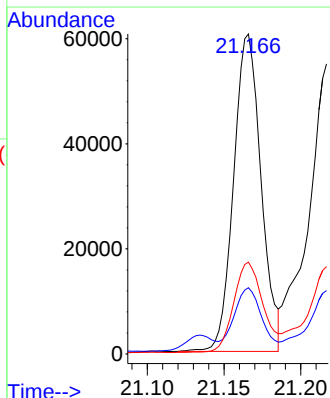
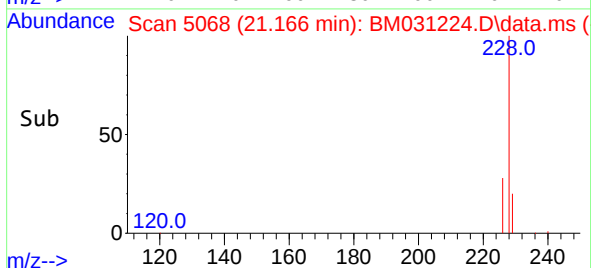
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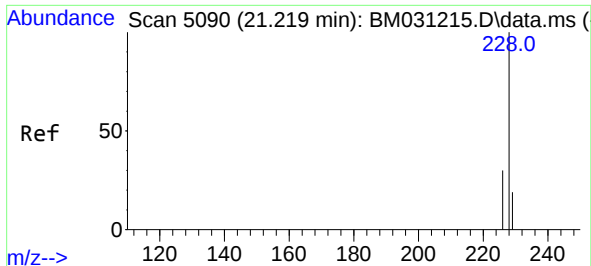


#21
Benzo(a)anthracene
Concen: 2.804 ng/ul
RT: 21.166 min Scan# 5068
Delta R.T. -0.000 min
Lab File: BM031224.D
Acq: 28 Jul 2021 22:51

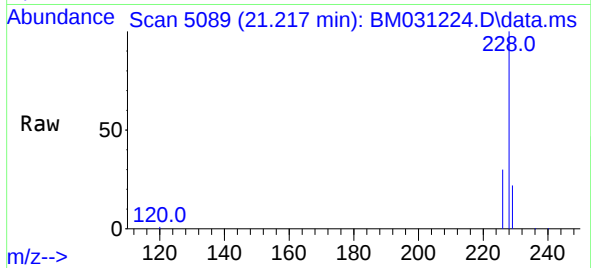


Tgt Ion:228 Resp: 75149
Ion Ratio Lower Upper
228 100
229 20.7 15.6 23.4
226 28.7 21.7 32.5

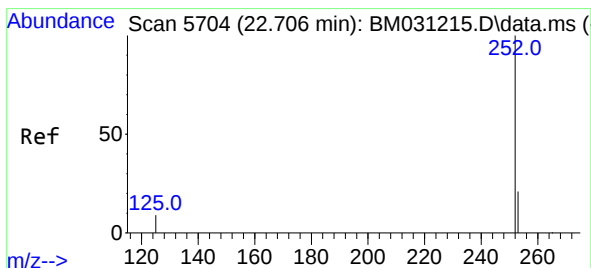
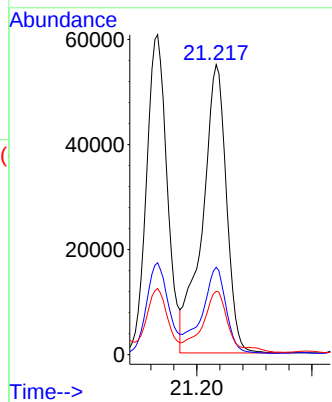
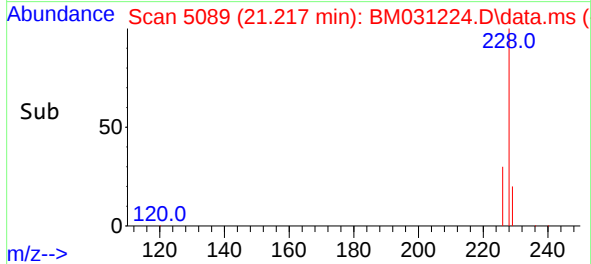




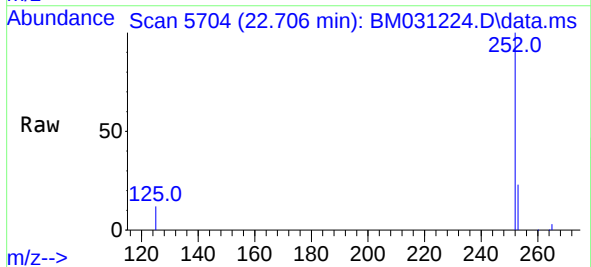
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Chrysene
Concen: 2.875 ng/ul
RT: 21.217 min Scan# 5089
Delta R.T. -0.000 min
Lab File: BM031224.D
Acq: 28 Jul 2021 22:51



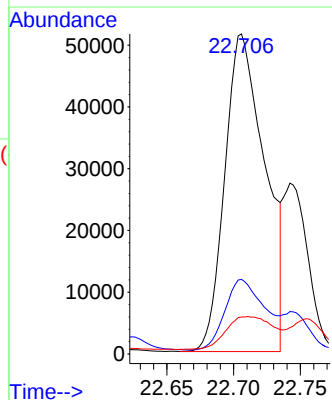
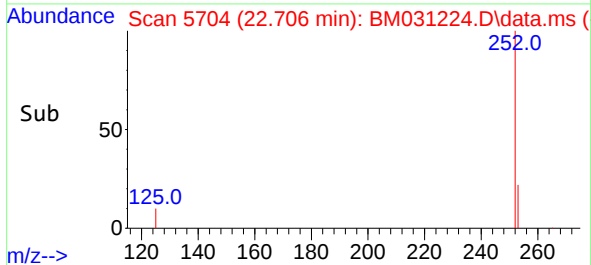
Tgt Ion:228 Resp: 79741
Ion Ratio Lower Upper
228 100
226 30.1 24.7 37.1
229 21.8 16.2 24.2



#24
Benzo(b)fluoranthene
Concen: 3.795 ng/ul m
RT: 22.706 min Scan# 5704
Delta R.T. -0.000 min
Lab File: BM031224.D
Acq: 28 Jul 2021 22:51



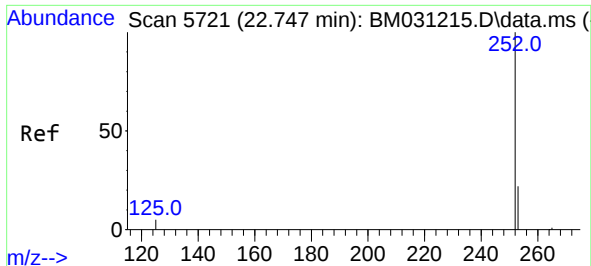
Tgt Ion:252 Resp: 107647
Ion Ratio Lower Upper
252 100
253 23.3 0.0 53.0
125 11.6 0.0 22.8



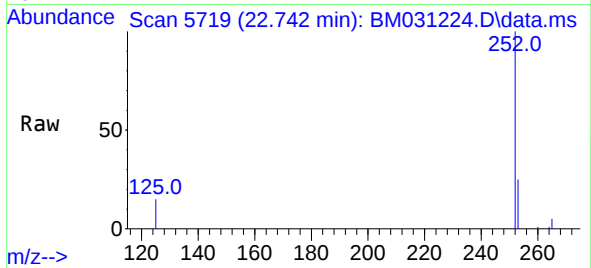
Instrument :
BNA_M
ClientSampled :
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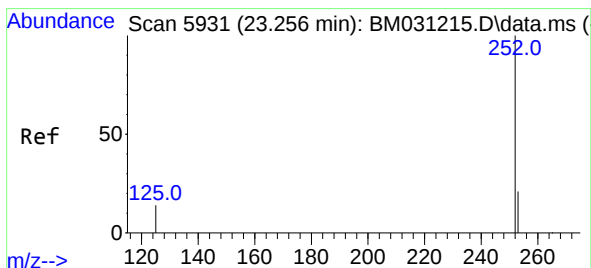
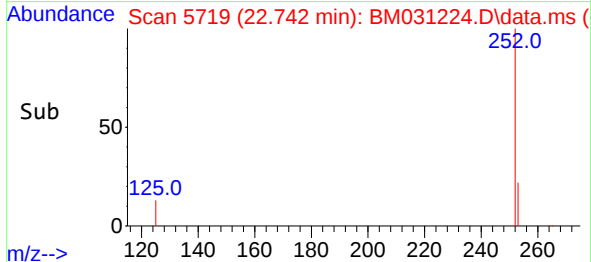
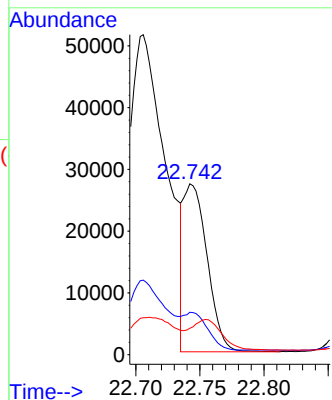
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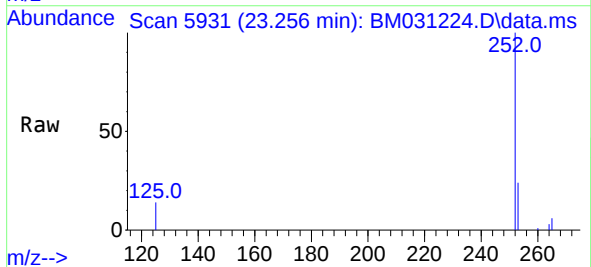
#25
Benzo(k)fluoranthene
Concen: 1.188 ng/ul m
RT: 22.742 min Scan# 5719
Delta R.T. -0.005 min
Lab File: BM031224.D
Acq: 28 Jul 2021 22:51



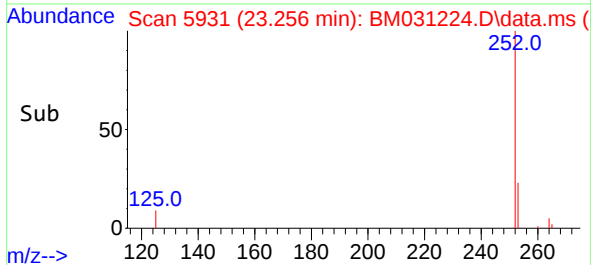
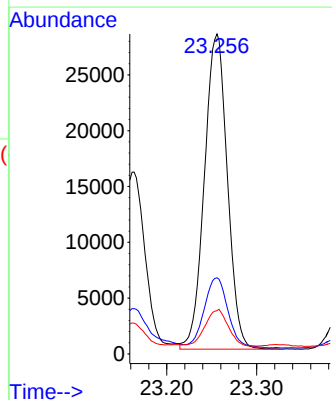
Tgt Ion:252 Resp: 34824
Ion Ratio Lower Upper
252 100
253 24.8 21.3 31.9
125 15.4 8.8 13.2#



#26
Benzo(a)pyrene
Concen: 2.013 ng/ul
RT: 23.256 min Scan# 5931
Delta R.T. -0.000 min
Lab File: BM031224.D
Acq: 28 Jul 2021 22:51



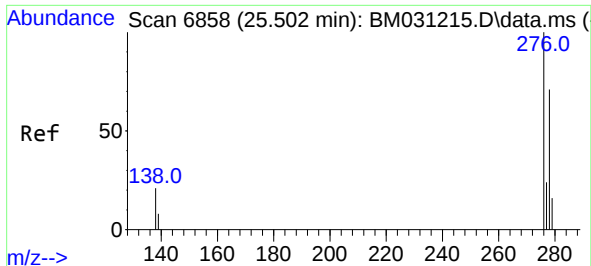
Tgt Ion:252 Resp: 50008
Ion Ratio Lower Upper
252 100
253 23.8 22.4 33.6
125 13.6 13.0 19.4



Instrument :
BNA_M
ClientSampled :
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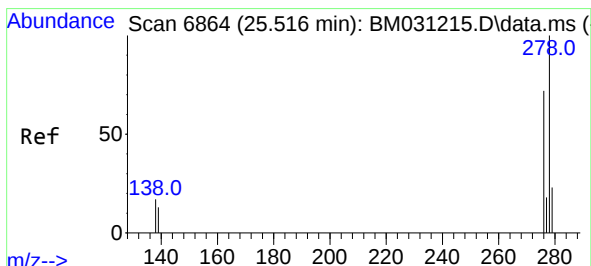
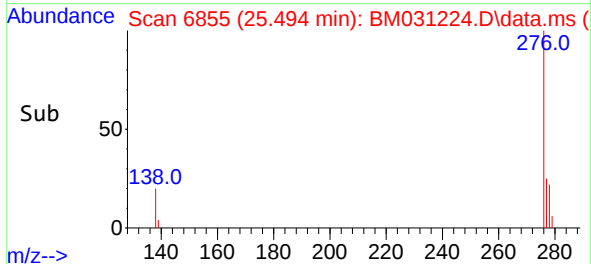
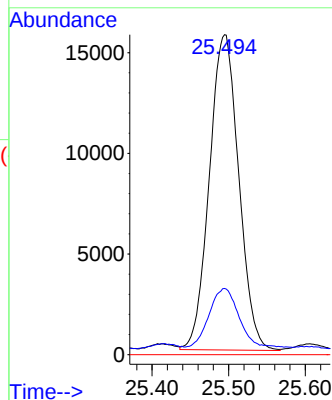
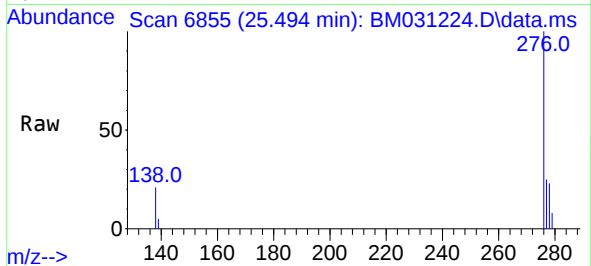
#27
Indeno(1,2,3-cd)pyrene
Concen: 1.300 ng/ul
RT: 25.494 min Scan# 6855
Delta R.T. -0.003 min
Lab File: BM031224.D
Acq: 28 Jul 2021 22:51

Tgt Ion: 276 Resp: 41740
Ion Ratio Lower Upper
276 100
138 20.9 15.8 23.8
227 0.0 0.0 0.0

Instrument :
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ClientSampleId :
C0018

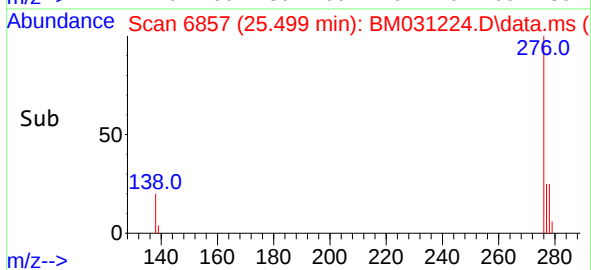
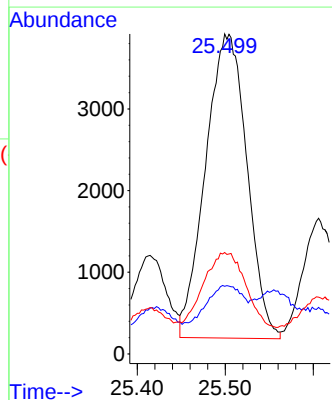
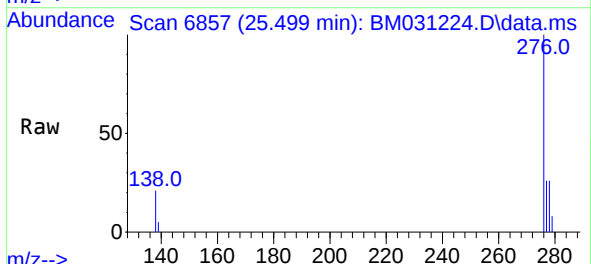
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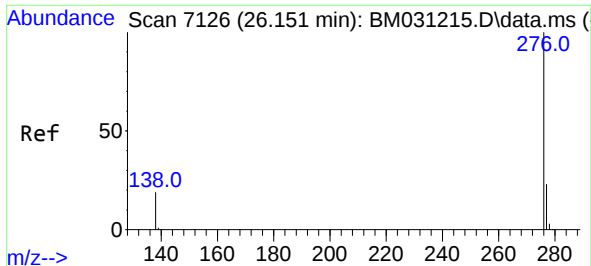
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#28
Dibenzo(a,h)anthracene
Concen: 0.470 ng/ul
RT: 25.499 min Scan# 6857
Delta R.T. -0.015 min
Lab File: BM031224.D
Acq: 28 Jul 2021 22:51

Tgt Ion: 278 Resp: 12166
Ion Ratio Lower Upper
278 100
139 21.2 13.3 19.9#
279 31.7 22.8 34.2





#29
Benzo(g,h,i)perylene
Concen: 0.149 ng/ul
RT: 26.151 min Scan# 7126
Delta R.T. 0.002 min
Lab File: BM031224.D
Acq: 28 Jul 2021 22:51

Tgt Ion	Ratio	Lower	Upper
276	100		
138	33.7	15.4	23.2#
277	36.3	19.9	29.9#

Instrument :
BNA_M
ClientSampleId :
C0018

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