

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072821\
 Data File : BM031213.D
 Acq On : 28 Jul 2021 16:04
 Operator : CG/JU
 Sample : M3082-03DL 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0003DL

Manual Integrations
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Quant Time: Jul 28 17:17:09 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	2097	0.400	ng/ul	0.00
4) Naphthalene-d8	10.379	136	8272	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.246	164	5425	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.992	188	10830	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.183	240	8677	0.400	ng/ul	# 0.00
23) Perylene-d12	23.353	264	8311	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.203	96	679	0.292	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.971	152	360	0.026	ng/ul	0.00
18) Fluoranthene-d10	19.024	212	932	0.032	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.428	128	12307	0.499	ng/ul	99
7) 2-Methylnaphthalene	12.047	142	10920	0.649	ng/ul	99
8) 1-Methylnaphthalene	12.268	142	9862	0.593	ng/ul	98
10) Acenaphthylene	13.963	152	10143	0.439	ng/ul	100
11) Acenaphthene	14.307	153	4434	0.228	ng/ul	97
12) Fluorene	15.297	166	16246	0.726	ng/ul#	95
15) Phenanthrene	17.034	178	67295	1.957	ng/ul	97
16) Anthracene	17.124	178	18660	0.580	ng/ul	98
19) Fluoranthene	19.054	202	58585	1.581	ng/ul#	96
20) Pyrene	19.416	202	46475	1.237	ng/ul#	95
21) Benzo(a)anthracene	21.168	228	20948	0.598	ng/ul#	79
22) Chrysene	21.219	228	32596	0.899	ng/ul#	89
24) Benzo(b)fluoranthene	22.706	252	24387m	0.651	ng/ul	
25) Benzo(k)fluoranthene	22.745	252	7526m	0.195	ng/ul	
26) Benzo(a)pyrene	23.256	252	13668	0.417	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	25.499	276	9706	0.229	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.504	278	3250	0.095	ng/ul#	28
29) Benzo(g,h,i)perylene	26.154	276	1501	0.042	ng/ul#	45

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

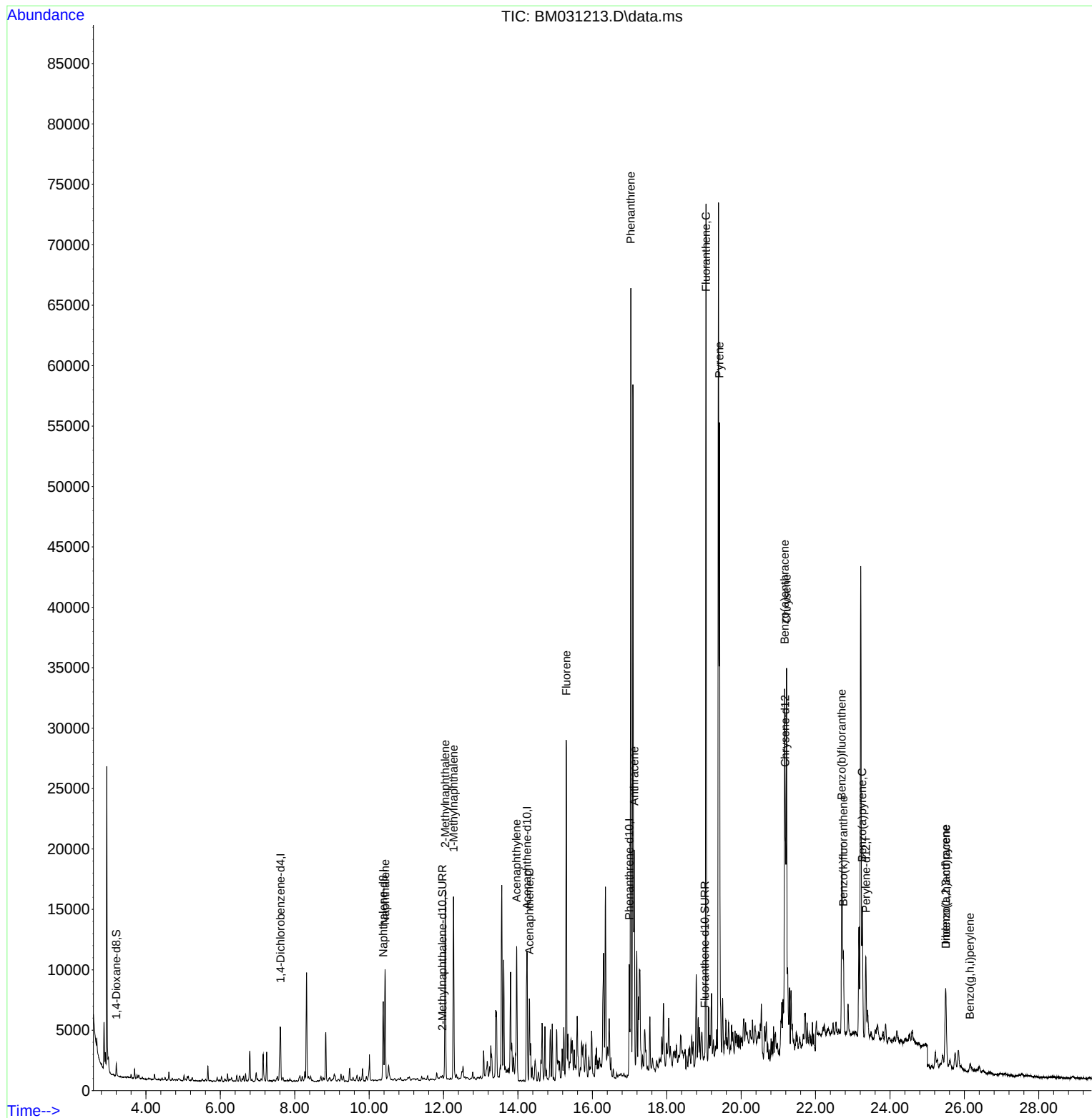
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Data File : BM031213.D
Acq On : 28 Jul 2021 16:04
Operator : CG/JU
Sample : M3082-03DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

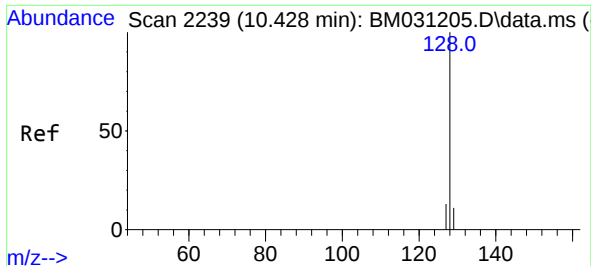
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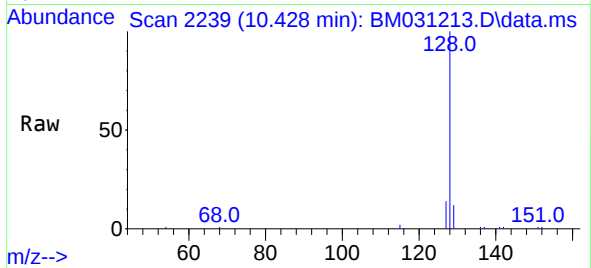
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Quant Time: Jul 28 17:17:09 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 28 15:20:04 2021
Response via : Initial Calibration

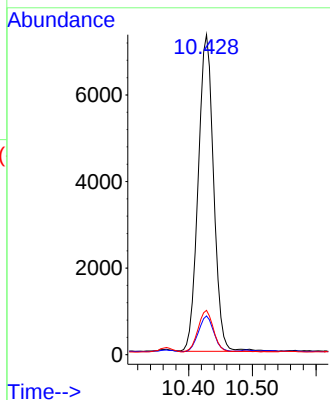
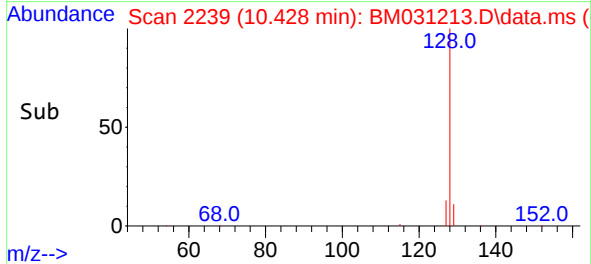




#5
Naphthalene
Concen: 0.499 ng/ul
RT: 10.428 min Scan# 2239
Delta R.T. -0.000 min
Lab File: BM031213.D
Acq: 28 Jul 2021 16:04



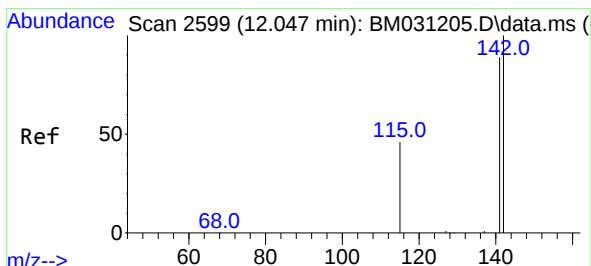
Tgt Ion:128 Resp: 12307
Ion Ratio Lower Upper
128 100
129 12.1 10.0 15.0
127 13.9 11.6 17.4



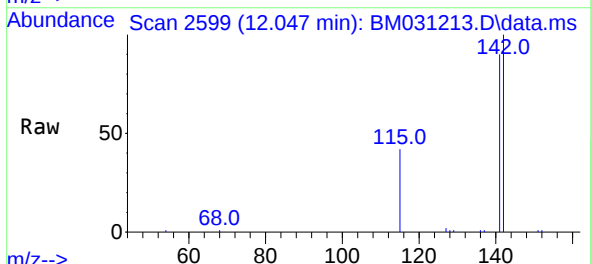
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BNA_M
ClientSampleId :
C0003DL

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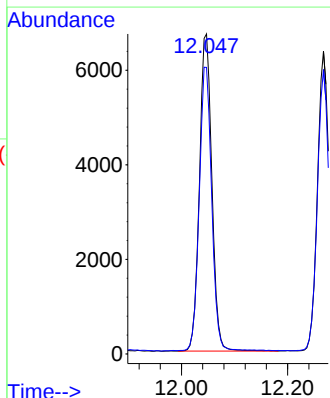
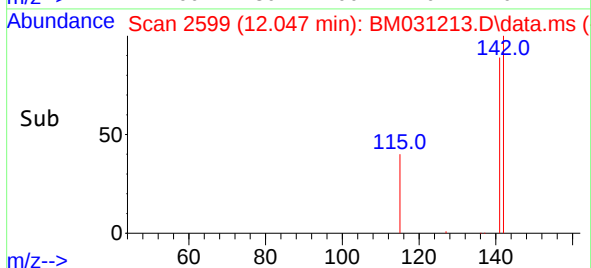
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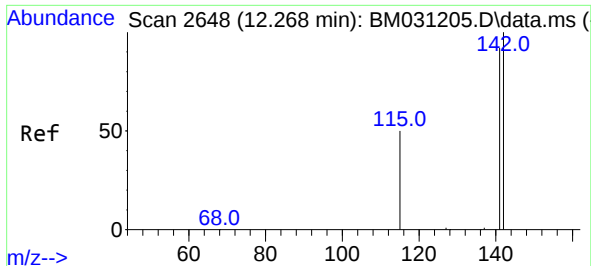


#7
2-Methylnaphthalene
Concen: 0.649 ng/ul
RT: 12.047 min Scan# 2599
Delta R.T. -0.000 min
Lab File: BM031213.D
Acq: 28 Jul 2021 16:04



Tgt Ion:142 Resp: 10920
Ion Ratio Lower Upper
142 100
141 89.9 71.4 107.0





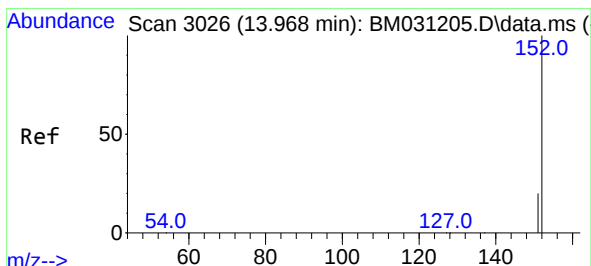
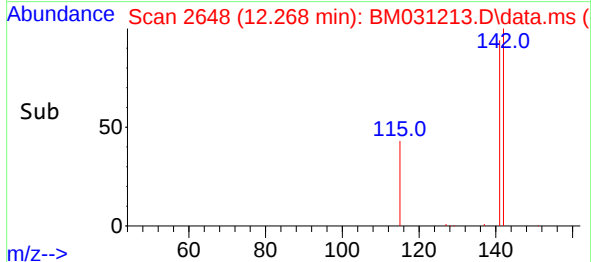
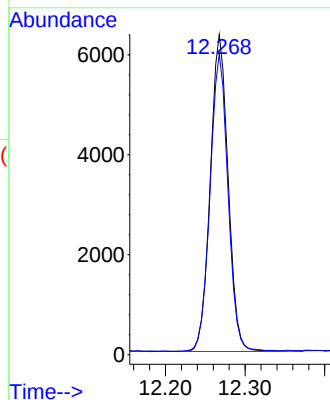
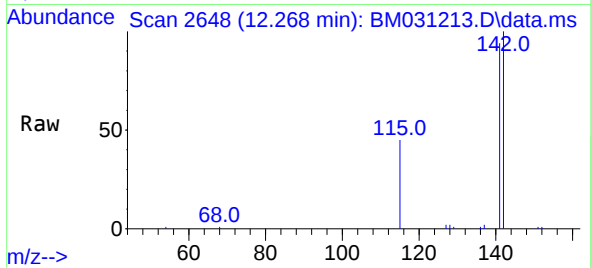
#8
1-Methylnaphthalene
Concen: 0.593 ng/ul
RT: 12.268 min Scan# 2648
Delta R.T. -0.000 min
Lab File: BM031213.D
Acq: 28 Jul 2021 16:04

Tgt Ion:142 Resp: 9862
Ion Ratio Lower Upper
142 100
141 94.1 74.1 111.1

Instrument :
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ClientSampled :
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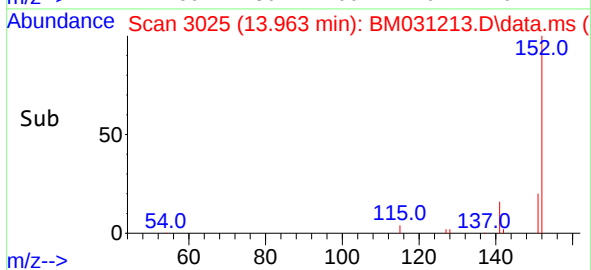
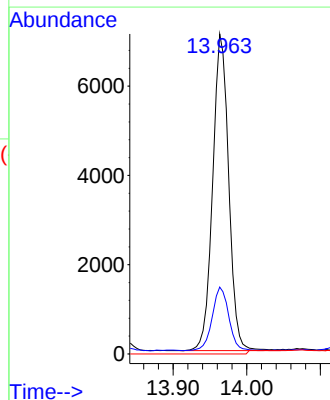
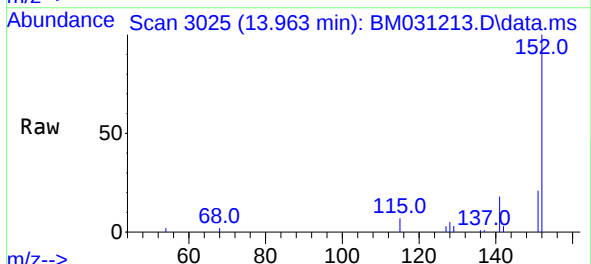
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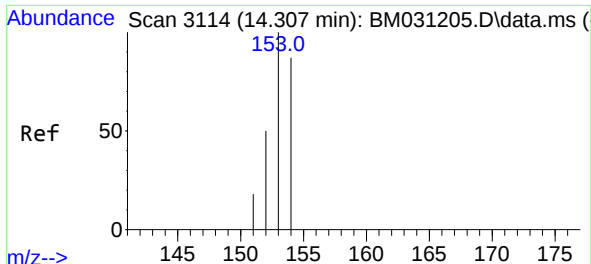
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#10
Acenaphthylene
Concen: 0.439 ng/ul
RT: 13.963 min Scan# 3025
Delta R.T. -0.005 min
Lab File: BM031213.D
Acq: 28 Jul 2021 16:04

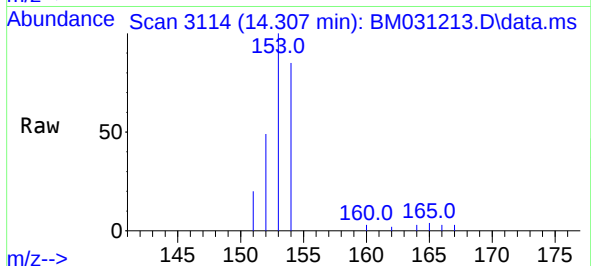
Tgt Ion:152 Resp: 10143
Ion Ratio Lower Upper
152 100
151 20.9 16.9 25.3
153 0.0 0.0 0.0





#11
Acenaphthene
Concen: 0.228 ng/ul
RT: 14.307 min Scan# 3114
Delta R.T. -0.000 min
Lab File: BM031213.D
Acq: 28 Jul 2021 16:04

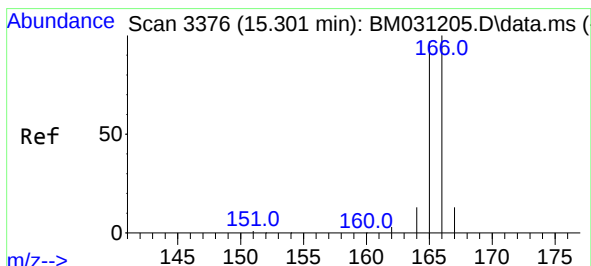
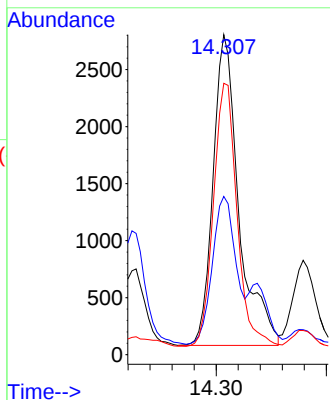
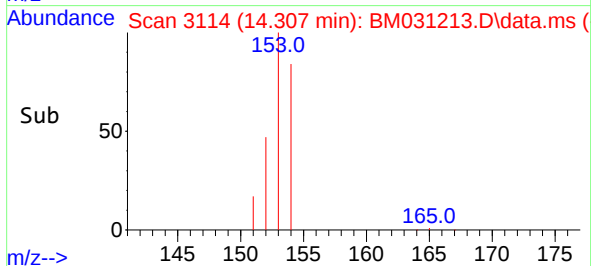
Instrument :
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ClientSampled :
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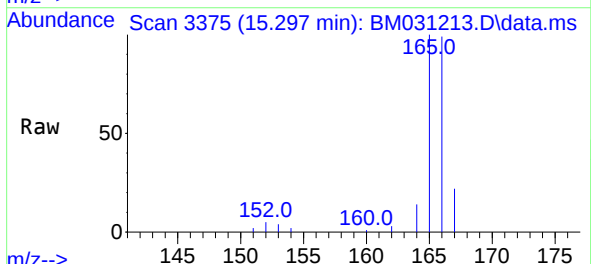
Tgt Ion:153 Resp: 4434
Ion Ratio Lower Upper
153 100
152 49.4 40.7 61.1
154 84.8 70.2 105.2

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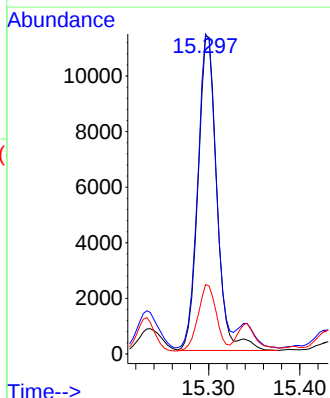
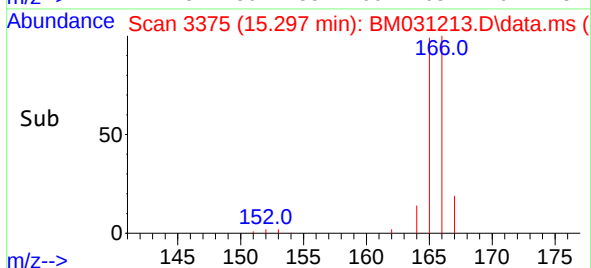
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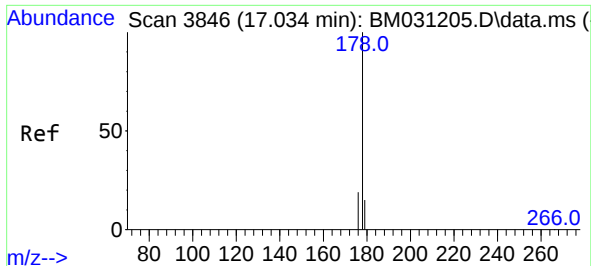


#12
Fluorene
Concen: 0.726 ng/ul
RT: 15.297 min Scan# 3375
Delta R.T. -0.004 min
Lab File: BM031213.D
Acq: 28 Jul 2021 16:04



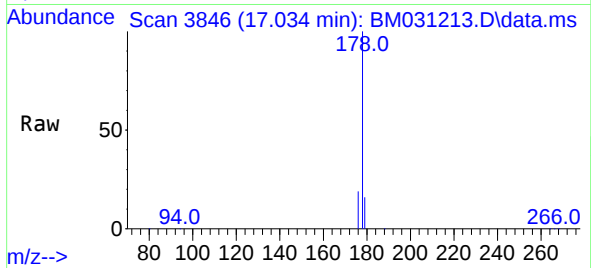
Tgt Ion:166 Resp: 16246
Ion Ratio Lower Upper
166 100
165 100.8 78.0 117.0
167 21.9 12.0 18.0#





#15
Phenanthrene
Concen: 1.957 ng/u1
RT: 17.034 min Scan# 3846
Delta R.T. -0.000 min
Lab File: BM031213.D
Acq: 28 Jul 2021 16:04

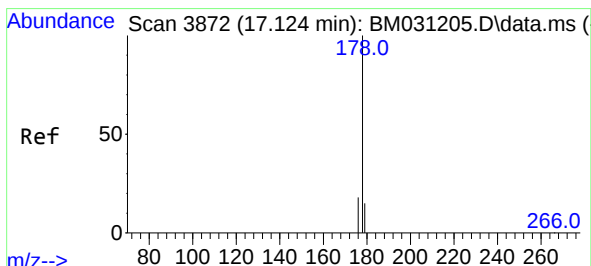
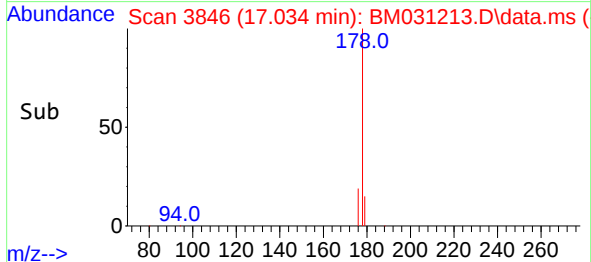
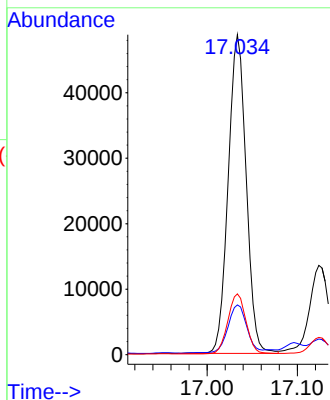
Instrument :
BNA_M
ClientSampled :
C0003DL



Tgt Ion:178 Resp: 67295
Ion Ratio Lower Upper
178 100
179 15.6 13.3 19.9
176 19.0 16.2 24.4

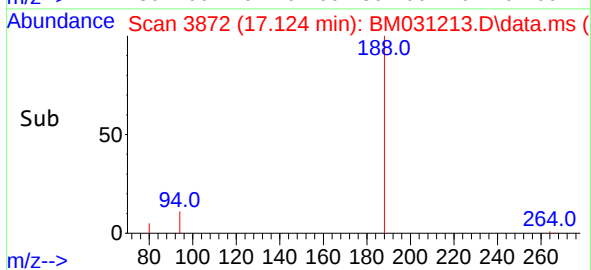
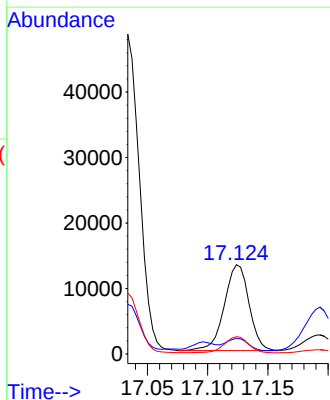
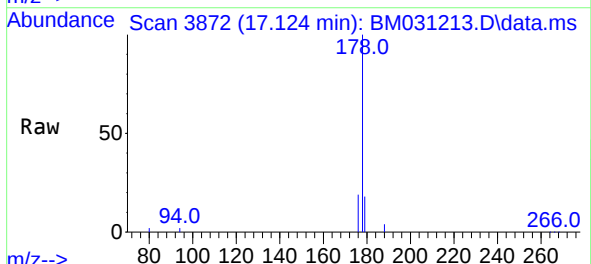
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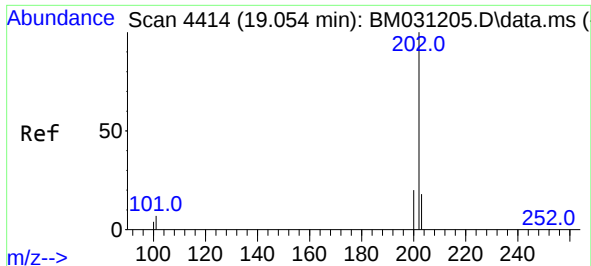
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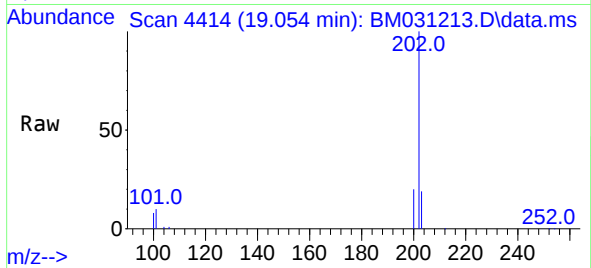
#16
Anthracene
Concen: 0.580 ng/u1
RT: 17.124 min Scan# 3872
Delta R.T. -0.000 min
Lab File: BM031213.D
Acq: 28 Jul 2021 16:04

Tgt Ion:178 Resp: 18660
Ion Ratio Lower Upper
178 100
179 17.5 13.0 19.6
176 19.3 15.6 23.4

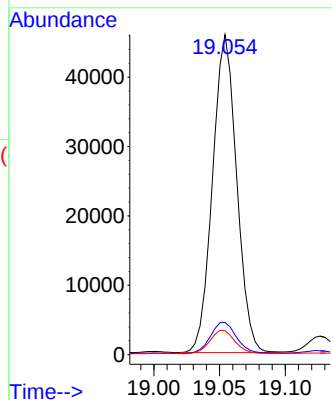




#19
Fluoranthene
Concen: 1.581 ng/ul
RT: 19.054 min Scan# 4414
Delta R.T. -0.000 min
Lab File: BM031213.D
Acq: 28 Jul 2021 16:04



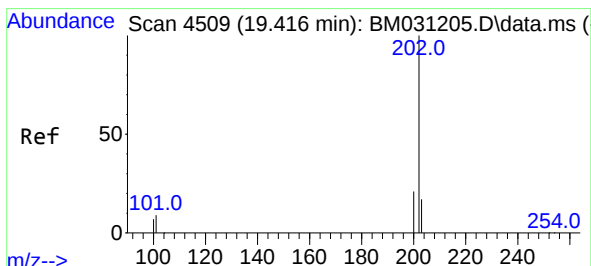
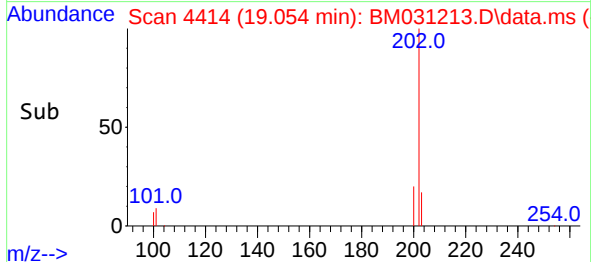
Tgt Ion:202 Resp: 58585
Ion Ratio Lower Upper
202 100
101 10.1 6.6 10.0#
100 7.5 5.4 8.0



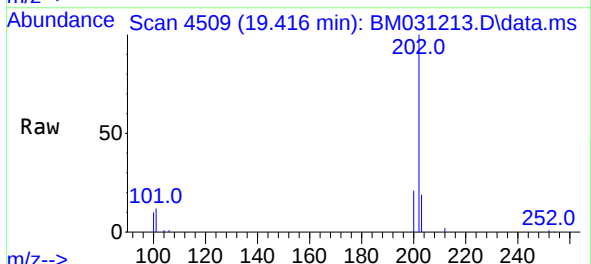
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ClientSampleId :
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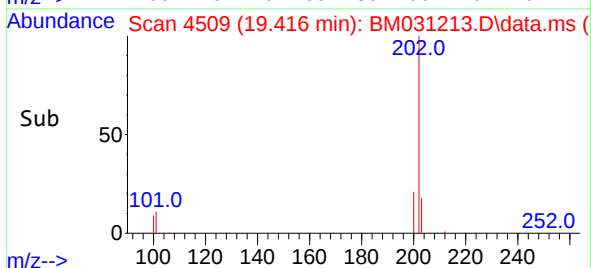
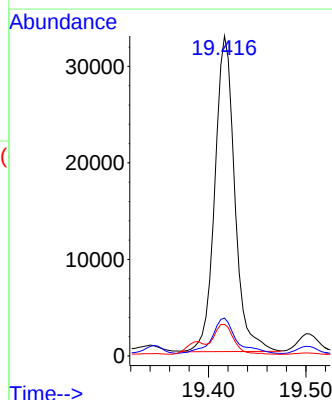
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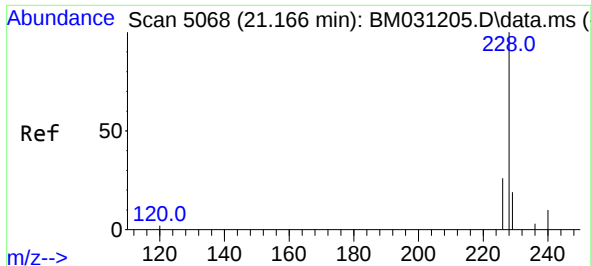


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Pyrene
Concen: 1.237 ng/ul
RT: 19.416 min Scan# 4509
Delta R.T. -0.000 min
Lab File: BM031213.D
Acq: 28 Jul 2021 16:04



Tgt Ion:202 Resp: 46475
Ion Ratio Lower Upper
202 100
101 11.9 7.8 11.6#
100 9.8 6.6 10.0





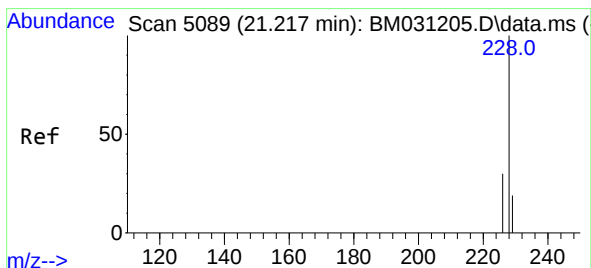
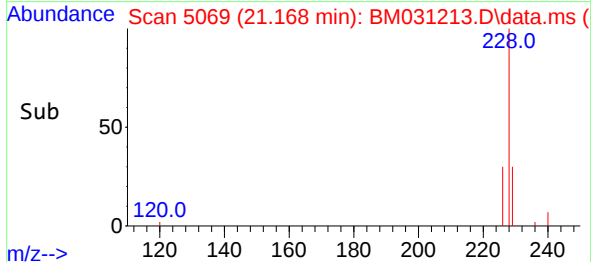
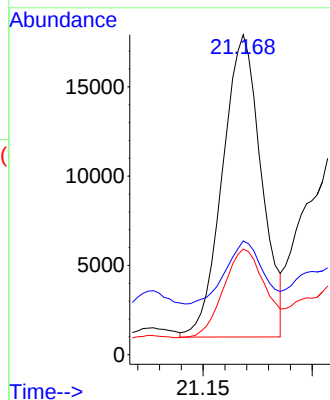
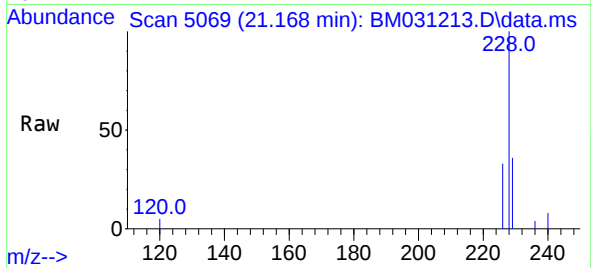
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Benzo(a)anthracene
Concen: 0.598 ng/u1
RT: 21.168 min Scan# 5069
Delta R.T. 0.002 min
Lab File: BM031213.D
Acq: 28 Jul 2021 16:04

Tgt Ion:228 Resp: 20948
Ion Ratio Lower Upper
228 100
229 35.5 15.6 23.4#
226 33.0 21.7 32.5#

Instrument :
BNA_M
ClientSampled :
C0003DL

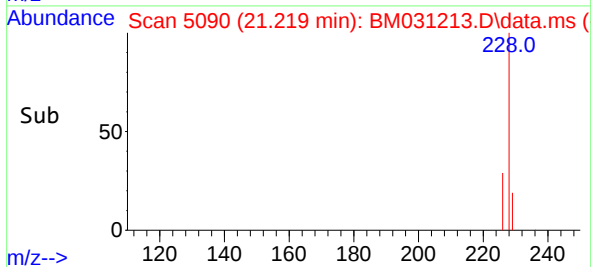
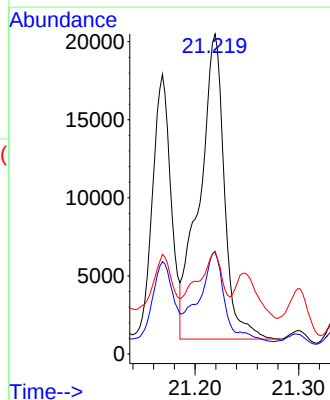
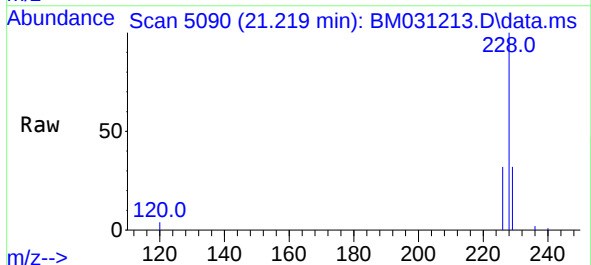
Manual Integrations
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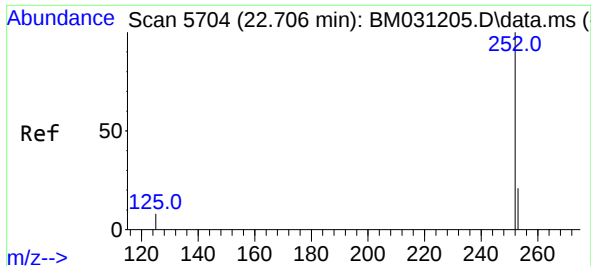
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#22
Chrysene
Concen: 0.899 ng/u1
RT: 21.219 min Scan# 5090
Delta R.T. 0.002 min
Lab File: BM031213.D
Acq: 28 Jul 2021 16:04

Tgt Ion:228 Resp: 32596
Ion Ratio Lower Upper
228 100
226 31.8 24.7 37.1
229 32.1 16.2 24.2#





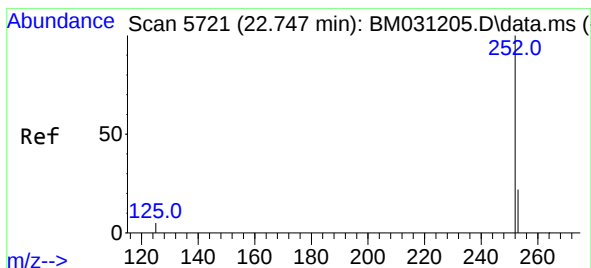
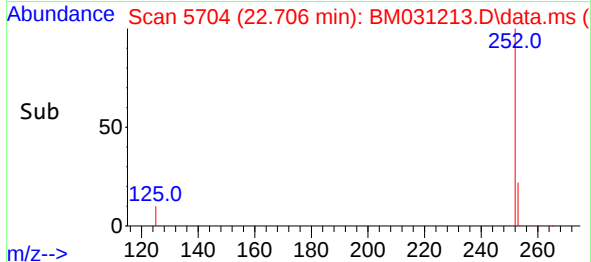
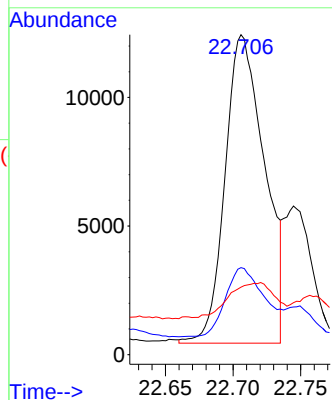
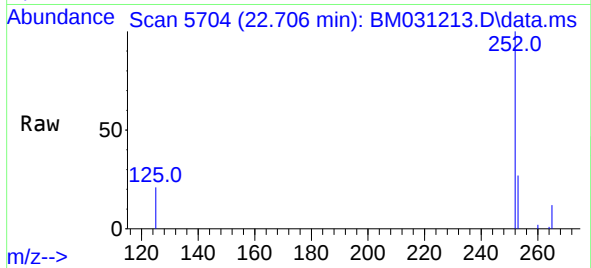
#24
Benzo(b)fluoranthene
Concen: 0.651 ng/ul m
RT: 22.706 min Scan# 5704
Delta R.T. -0.000 min
Lab File: BM031213.D
Acq: 28 Jul 2021 16:04

Tgt Ion:	252	Resp:	24387
Ion Ratio	Lower	Upper	
252	100		
253	27.2	0.0	53.0
125	21.1	0.0	22.8

Instrument :
BNA_M
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C0003DL

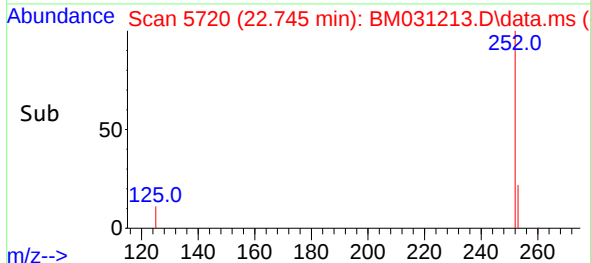
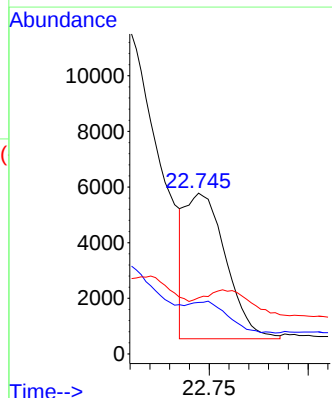
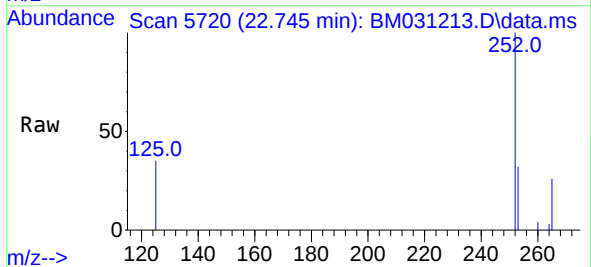
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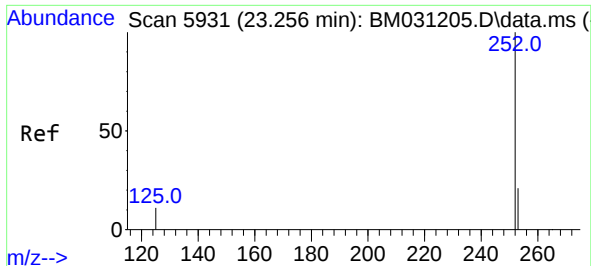
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#25
Benzo(k)fluoranthene
Concen: 0.195 ng/ul m
RT: 22.745 min Scan# 5720
Delta R.T. -0.003 min
Lab File: BM031213.D
Acq: 28 Jul 2021 16:04

Tgt Ion:	252	Resp:	7526
Ion Ratio	Lower	Upper	
252	100		
253	32.1	21.3	31.9#
125	35.0	8.8	13.2#





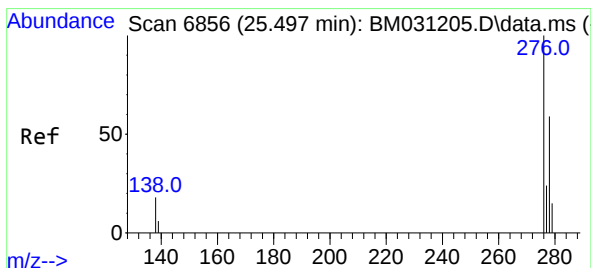
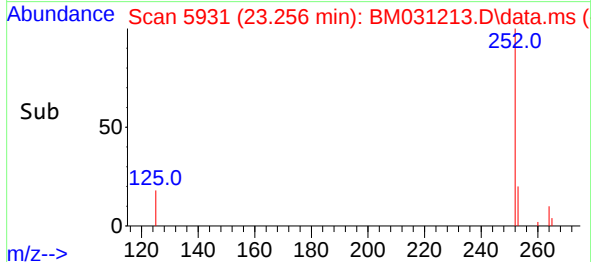
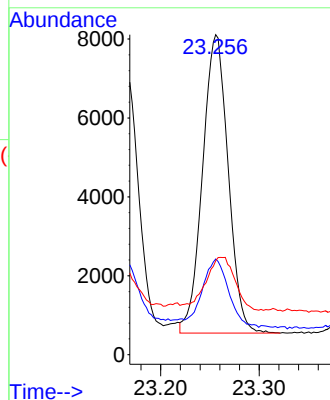
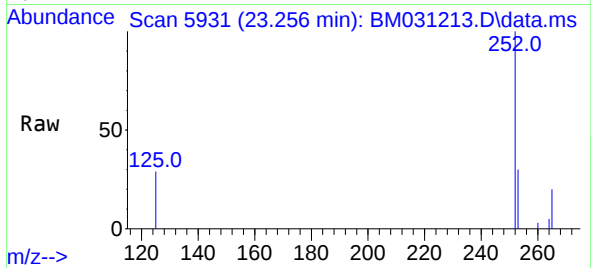
#26
Benzo(a)pyrene
Concen: 0.417 ng/ul
RT: 23.256 min Scan# 5931
Delta R.T. -0.000 min
Lab File: BM031213.D
Acq: 28 Jul 2021 16:04

Tgt Ion:	252	Resp:	13668
Ion Ratio	Lower	Upper	
252	100		
253	29.9	22.4	33.6
125	29.3	13.0	19.4#

Instrument :
BNA_M
ClientSampleId :
C0003DL

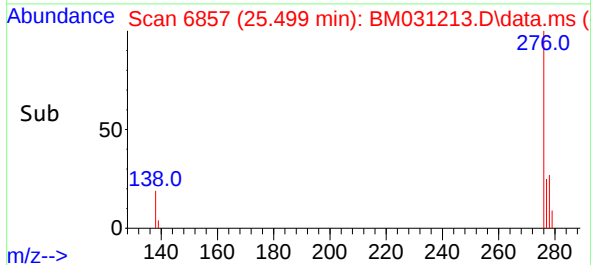
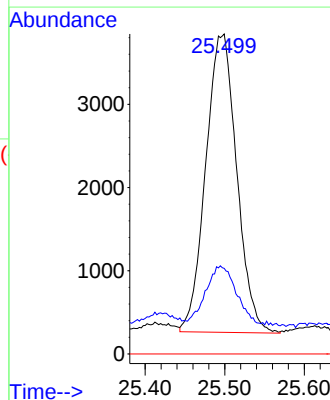
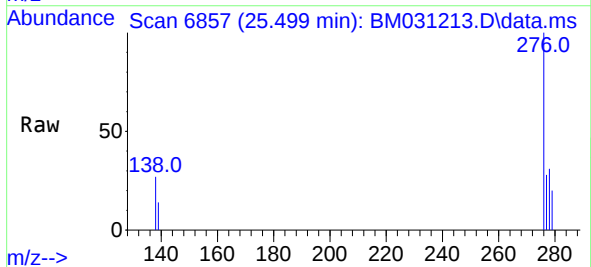
Manual Integrations
APPROVED

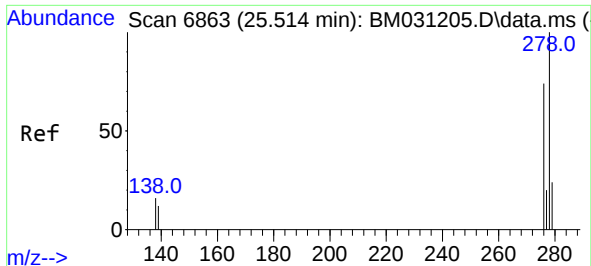
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#27
Indeno(1,2,3-cd)pyrene
Concen: 0.229 ng/ul
RT: 25.499 min Scan# 6857
Delta R.T. 0.002 min
Lab File: BM031213.D
Acq: 28 Jul 2021 16:04

Tgt Ion:	276	Resp:	9706
Ion Ratio	Lower	Upper	
276	100		
138	19.5	15.8	23.8
227	0.0	0.0	0.0





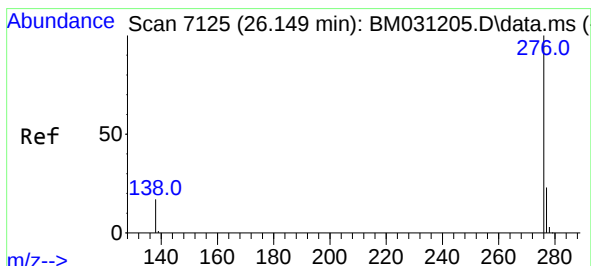
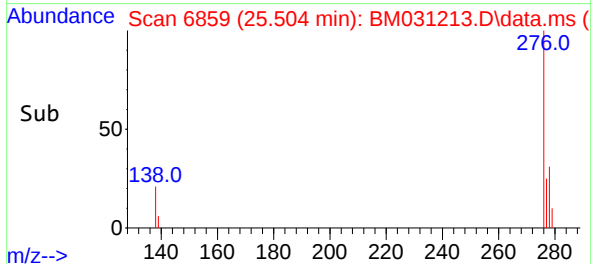
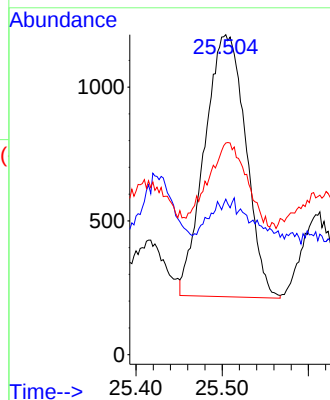
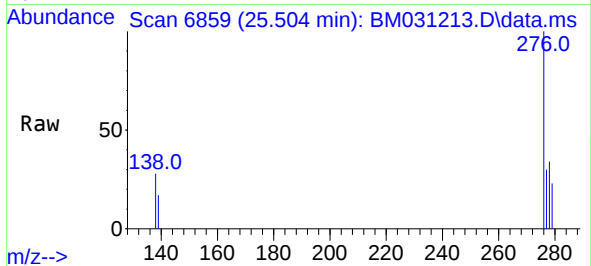
#28
Dibenzo(a,h)anthracene
Concen: 0.095 ng/ul
RT: 25.504 min Scan# 6859
Delta R.T. -0.010 min
Lab File: BM031213.D
Acq: 28 Jul 2021 16:04

Tgt Ion:278 Resp: 3250
Ion Ratio Lower Upper
278 100
139 48.6 13.3 19.9#
279 66.1 22.8 34.2#

Instrument :
BNA_M
ClientSampled :
C0003DL

Manual Integrations
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#29
Benzo(g,h,i)perylene
Concen: 0.042 ng/ul
RT: 26.154 min Scan# 7127
Delta R.T. 0.005 min
Lab File: BM031213.D
Acq: 28 Jul 2021 16:04

Tgt Ion:276 Resp: 1501
Ion Ratio Lower Upper
276 100
138 54.2 15.4 23.2#
277 43.9 19.9 29.9#

