

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062521\
 Data File : BM030642.D
 Acq On : 26 Jun 2021 17:43
 Operator : CG/JU
 Sample : M2682-03
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGDH2

Manual Integrations
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Quant Time: Jun 27 02:42:18 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM062321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 25 10:09:59 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.794	152	3593	0.400	ng/ul	0.00
4) Naphthalene-d8	10.577	136	15133	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.417	164	9590	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.155	188	17392	0.400	ng/ul	0.00
17) Chrysene-d12	21.326	240	12107	0.400	ng/ul	# 0.00
23) Perylene-d12	23.578	264	12598	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	7897	2.055	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.169	152	3812	0.158	ng/ul	0.00
18) Fluoranthene-d10	19.180	212	7759	0.209	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.626	128	88518	1.966	ng/ul	99
7) 2-Methylnaphthalene	12.241	142	15489	0.510	ng/ul	100
8) 1-Methylnaphthalene	12.461	142	12496	0.423	ng/ul	98
10) Acenaphthylene	14.140	152	142696	3.180	ng/ul	100
11) Acenaphthene	14.481	153	110016	3.009	ng/ul	98
12) Fluorene	15.467	166	81748	2.019	ng/ul	99
15) Phenanthrene	17.200	178	1761104	28.439	ng/ul	100
16) Anthracene	17.291	178	779993	14.377	ng/ul	99
19) Fluoranthene	19.214	202	5237895	94.106	ng/ul	98
20) Pyrene	19.577	202	3617453	63.440	ng/ul	99
21) Benzo(a)anthracene	21.311	228	2279318	47.394	ng/ul	93
22) Chrysene	21.362	228	1649727	30.899	ng/ul	96
24) Benzo(b)fluoranthene	22.907	252	1850264m	33.764	ng/ul	
25) Benzo(k)fluoranthene	22.943	252	805594m	14.016	ng/ul	
26) Benzo(a)pyrene	23.481	252	893760	18.378	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	25.860	276	601960	9.734	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.865	278	220548	4.472	ng/ul	97
29) Benzo(g,h,i)perylene	26.558	276	27001	0.505	ng/ul#	84

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

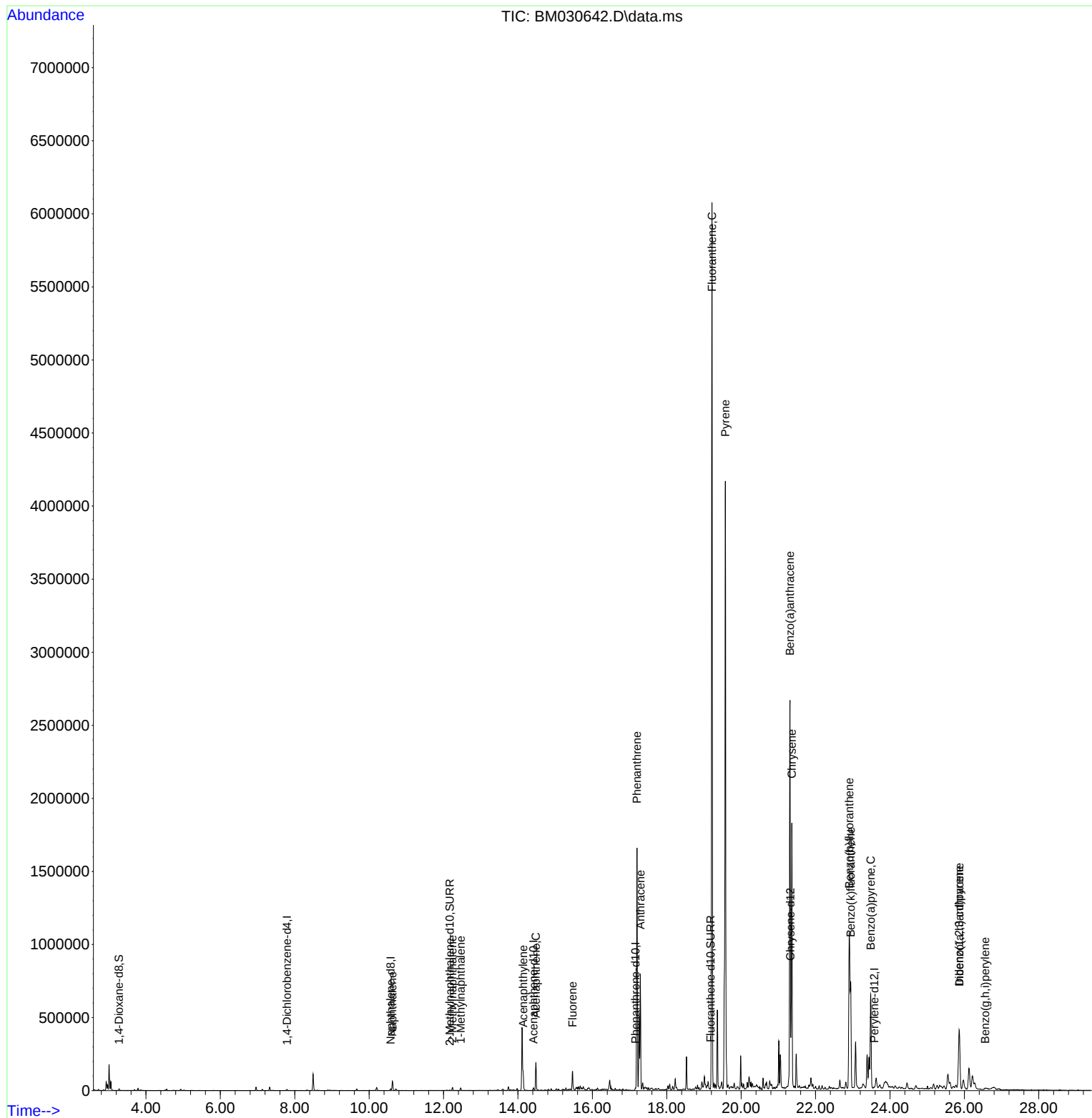
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062521\
Data File : BM030642.D
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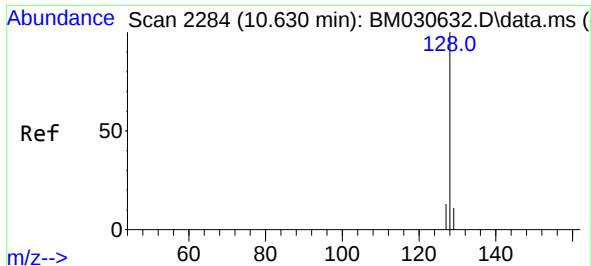
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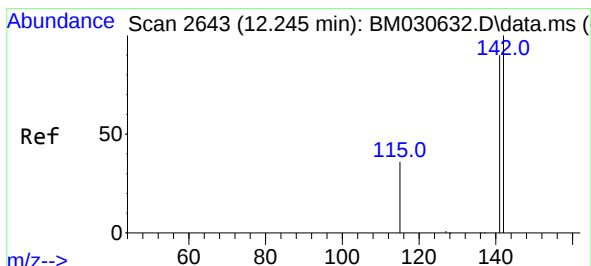
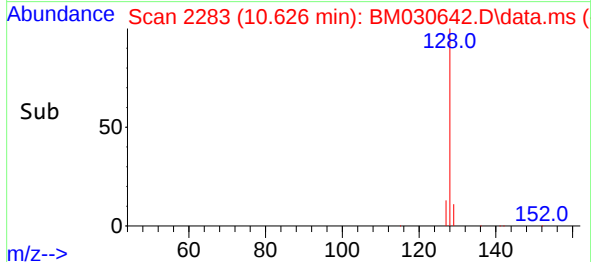
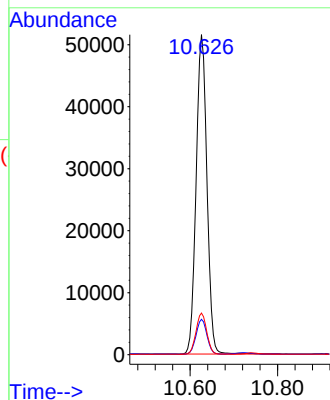
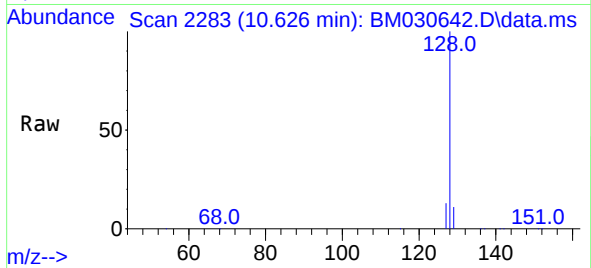
#5
Naphthalene
Concen: 1.966 ng/ul
RT: 10.626 min Scan# 2283
Delta R.T. -0.009 min
Lab File: BM030642.D
Acq: 26 Jun 2021 17:43

Tgt Ion:128 Resp: 88518
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 13.0 10.9 16.3

Instrument :
BNA_M
ClientSampleId :
BGDH2

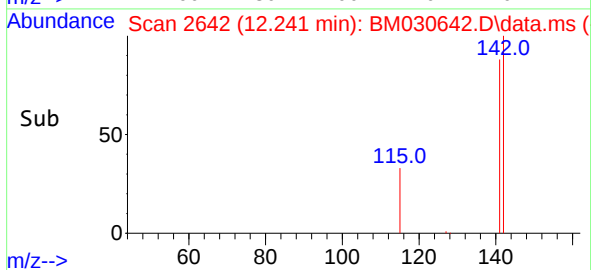
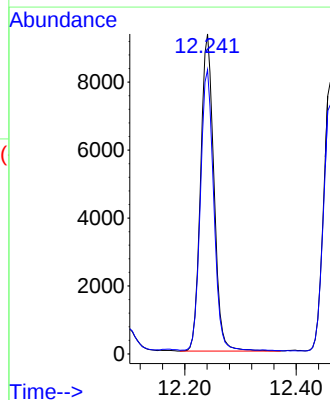
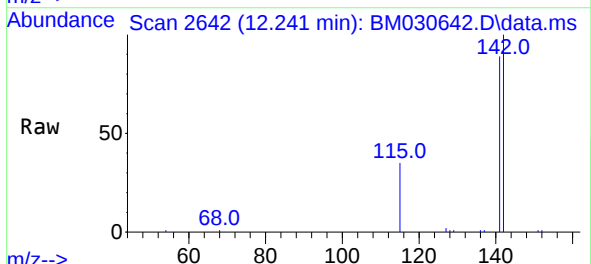
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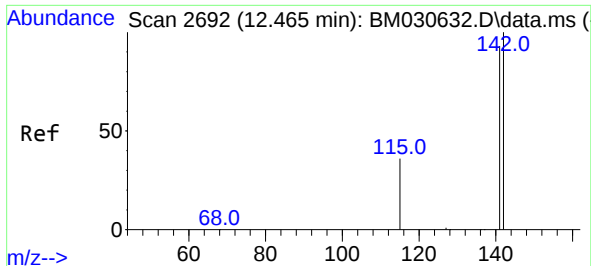
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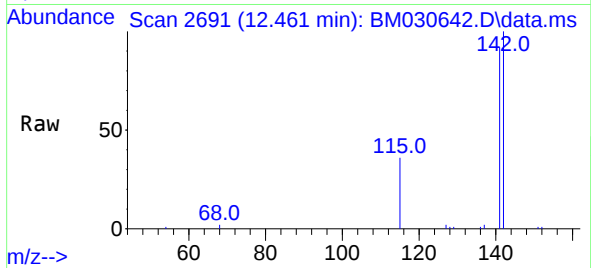
#7
2-Methylnaphthalene
Concen: 0.510 ng/ul
RT: 12.241 min Scan# 2642
Delta R.T. -0.009 min
Lab File: BM030642.D
Acq: 26 Jun 2021 17:43

Tgt Ion:142 Resp: 15489
Ion Ratio Lower Upper
142 100
141 89.2 71.4 107.0

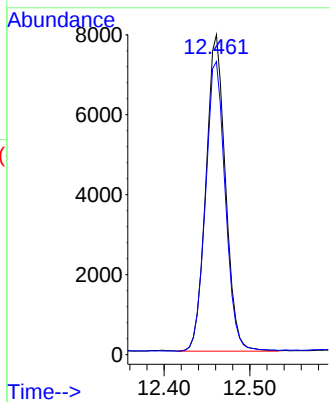
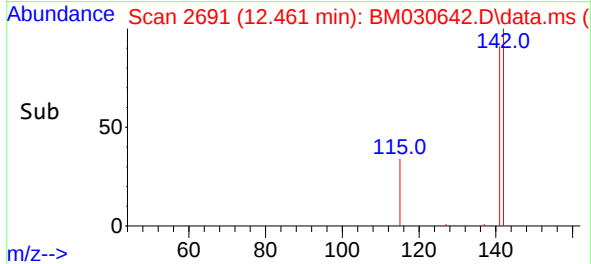




#8
1-Methylnaphthalene
Concen: 0.423 ng/ul
RT: 12.461 min Scan# 2691
Delta R.T. -0.004 min
Lab File: BM030642.D
Acq: 26 Jun 2021 17:43



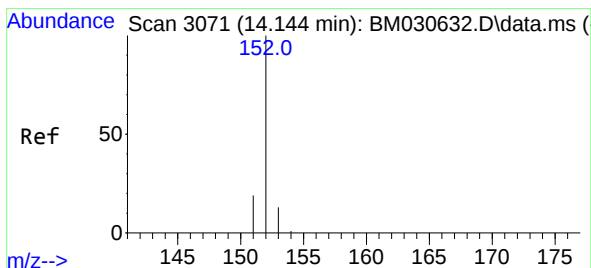
Tgt Ion:142 Resp: 12496
Ion Ratio Lower Upper
142 100
141 93.1 73.4 110.0



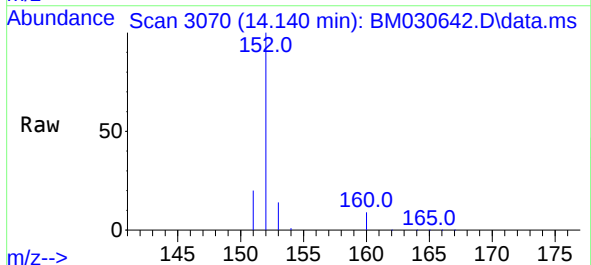
Instrument :
BNA_M
ClientSampled :
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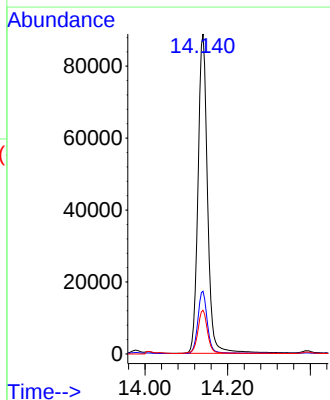
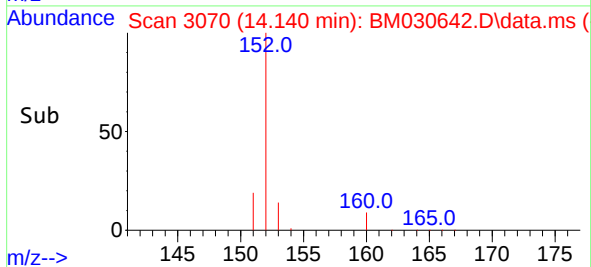
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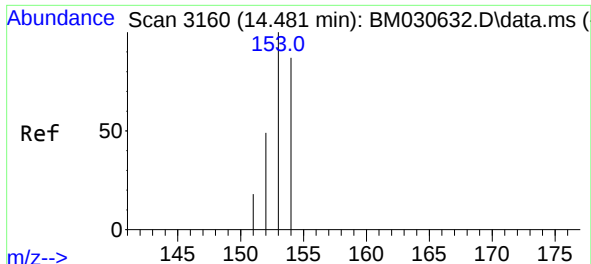


#10
Acenaphthylene
Concen: 3.180 ng/ul
RT: 14.140 min Scan# 3070
Delta R.T. -0.004 min
Lab File: BM030642.D
Acq: 26 Jun 2021 17:43

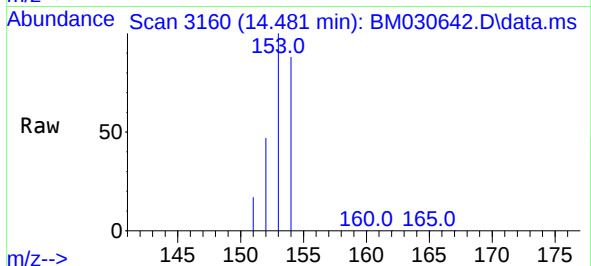


Tgt Ion:152 Resp: 142696
Ion Ratio Lower Upper
152 100
151 19.6 15.5 23.3
153 13.6 10.7 16.1

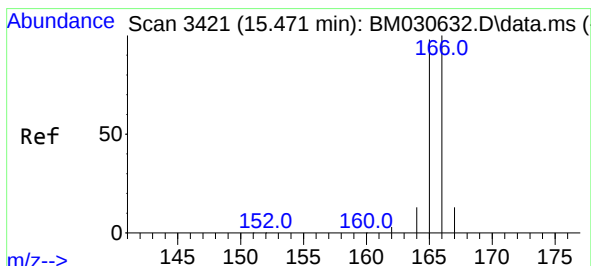
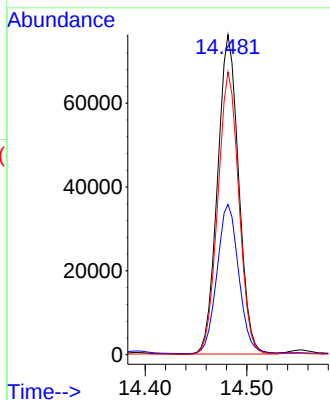
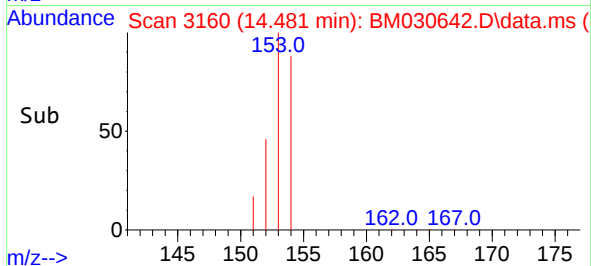




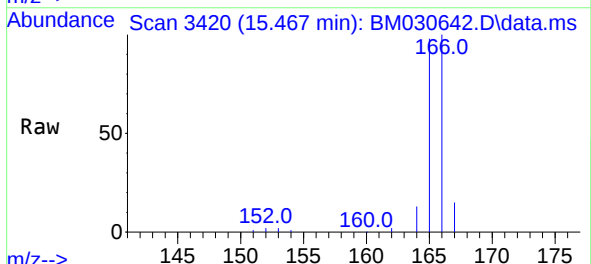
#11
Acenaphthene
Concen: 3.009 ng/ul
RT: 14.481 min Scan# 3160
Delta R.T. -0.004 min
Lab File: BM030642.D
Acq: 26 Jun 2021 17:43



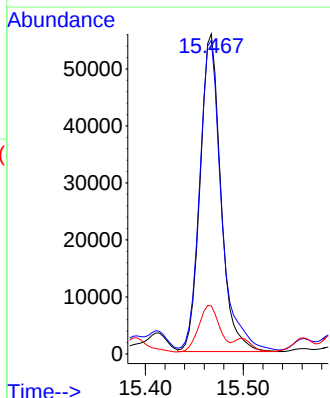
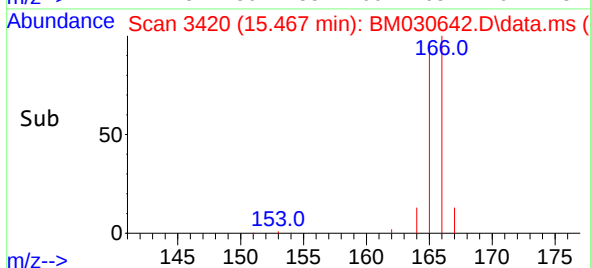
Tgt Ion:153 Resp: 110016
Ion Ratio Lower Upper
153 100
152 46.9 40.2 60.2
154 88.3 71.2 106.8



#12
Fluorene
Concen: 2.019 ng/ul
RT: 15.467 min Scan# 3420
Delta R.T. -0.008 min
Lab File: BM030642.D
Acq: 26 Jun 2021 17:43



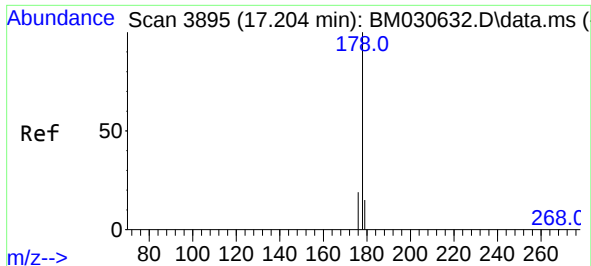
Tgt Ion:166 Resp: 81748
Ion Ratio Lower Upper
166 100
165 98.0 77.7 116.5
167 15.0 11.3 16.9



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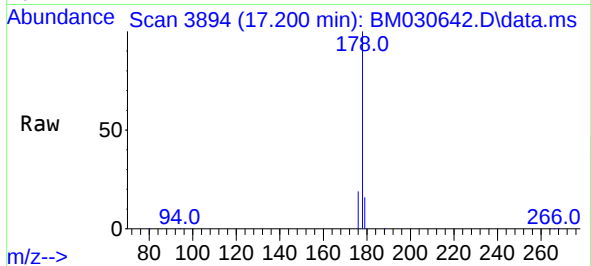
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#15
Phenanthrene
Concen: 28.439 ng/u1
RT: 17.200 min Scan# 3894
Delta R.T. -0.003 min
Lab File: BM030642.D
Acq: 26 Jun 2021 17:43

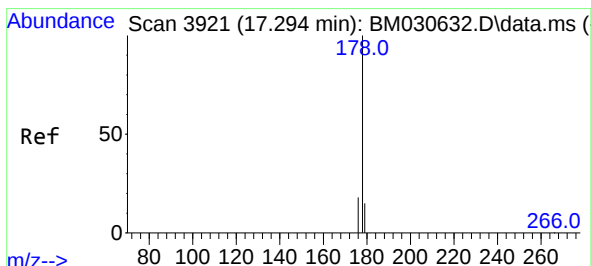
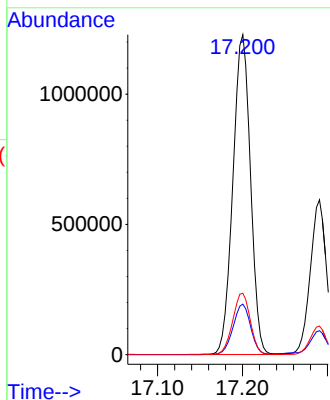
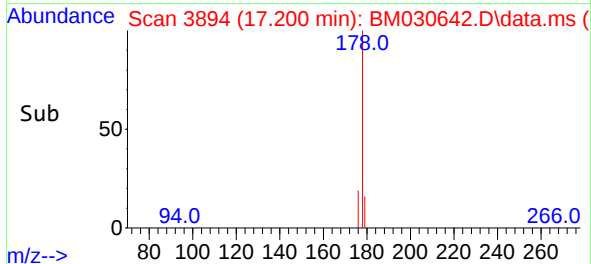
Instrument :
BNA_M
ClientSampled :
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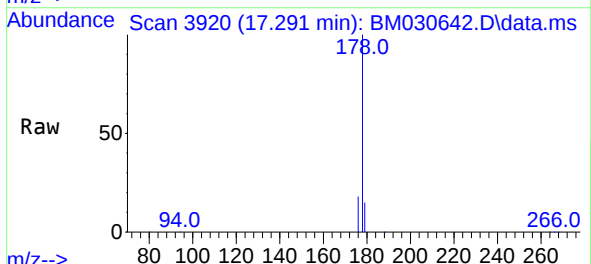
Tgt Ion:178 Resp: 1761104
Ion Ratio Lower Upper
178 100
179 15.8 12.6 19.0
176 19.2 15.5 23.3

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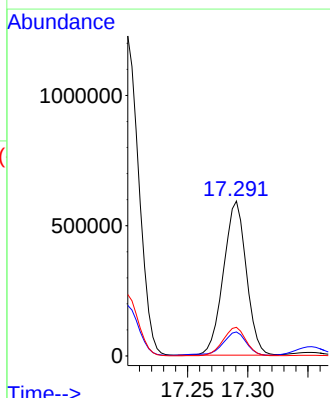
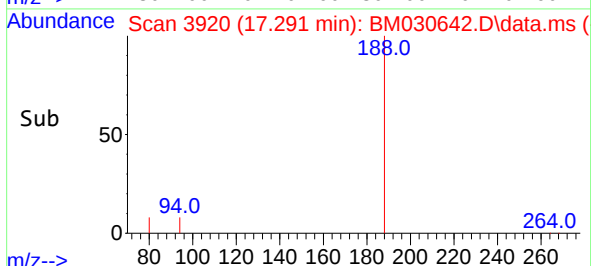
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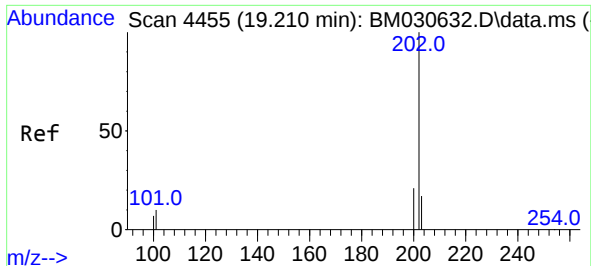


#16
Anthracene
Concen: 14.377 ng/u1
RT: 17.291 min Scan# 3920
Delta R.T. -0.007 min
Lab File: BM030642.D
Acq: 26 Jun 2021 17:43



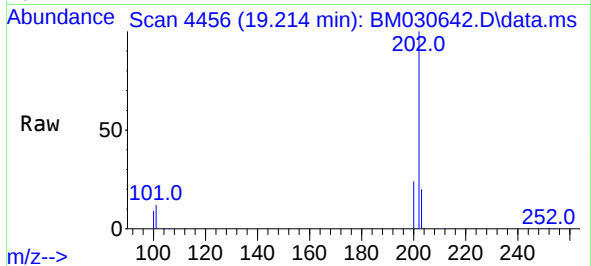
Tgt Ion:178 Resp: 779993
Ion Ratio Lower Upper
178 100
179 15.5 12.7 19.1
176 18.5 15.2 22.8





#19
Fluoranthene
Concen: 94.106 ng/u1
RT: 19.214 min Scan# 4456
Delta R.T. 0.000 min
Lab File: BM030642.D
Acq: 26 Jun 2021 17:43

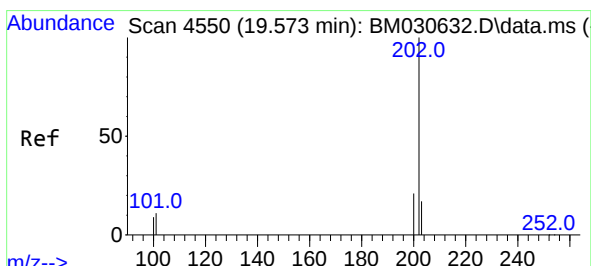
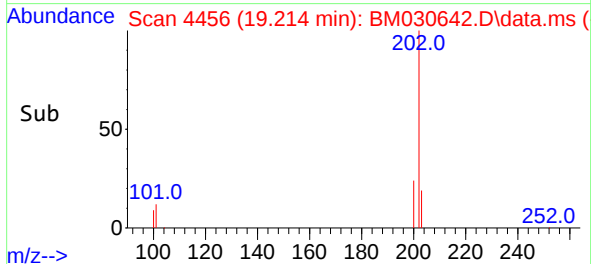
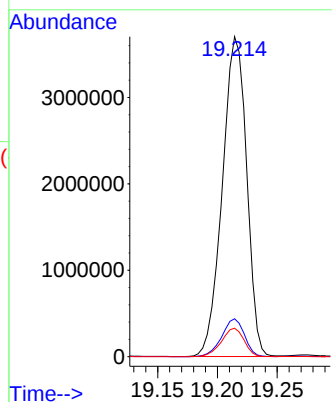
Instrument :
BNA_M
ClientSampled :
BGDH2



Tgt Ion:202 Resp: 5237895
Ion Ratio Lower Upper
202 100
101 11.9 8.8 13.2
100 8.9 6.9 10.3

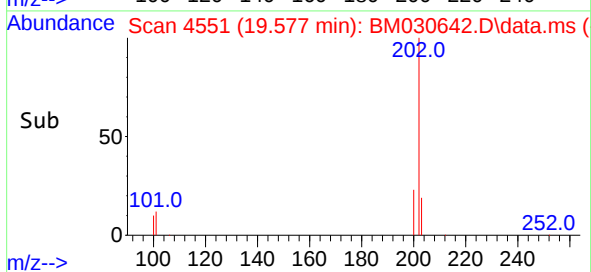
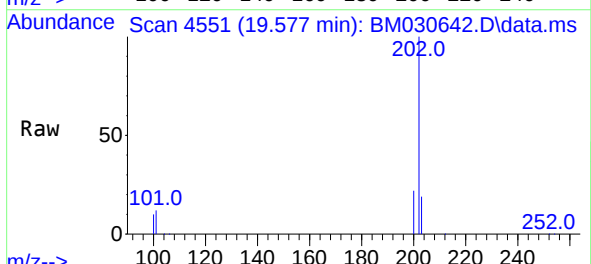
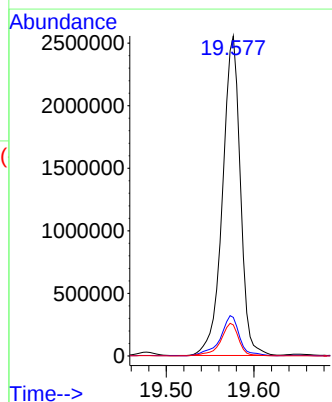
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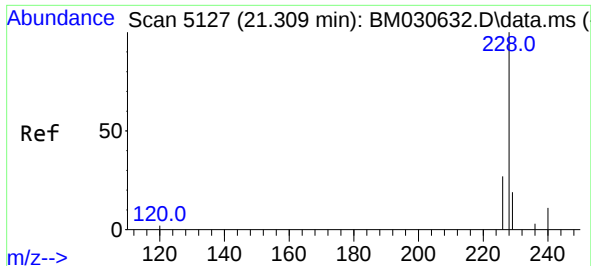
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#20
Pyrene
Concen: 63.440 ng/u1
RT: 19.577 min Scan# 4551
Delta R.T. 0.000 min
Lab File: BM030642.D
Acq: 26 Jun 2021 17:43

Tgt Ion:202 Resp: 3617453
Ion Ratio Lower Upper
202 100
101 12.1 10.1 15.1
100 9.7 8.2 12.2





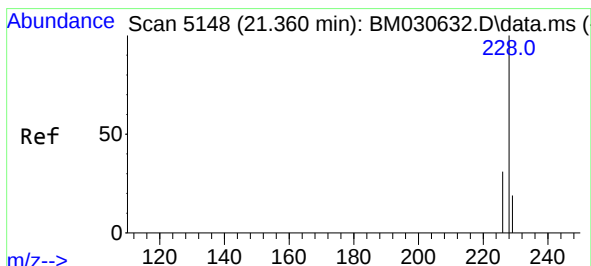
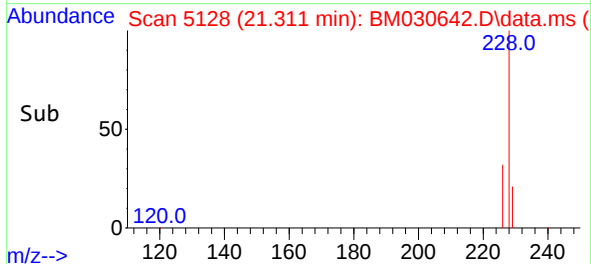
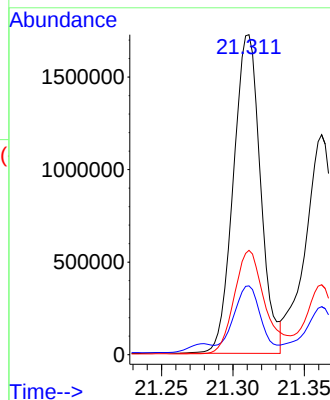
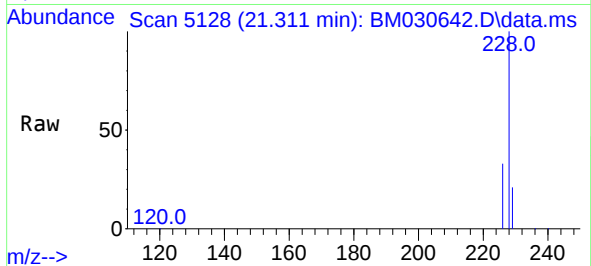
#21
Benzo(a)anthracene
Concen: 47.394 ng/ul
RT: 21.311 min Scan# 5128
Delta R.T. -0.002 min
Lab File: BM030642.D
Acq: 26 Jun 2021 17:43

Tgt Ion:228 Resp: 2279318
Ion Ratio Lower Upper
228 100
229 21.5 15.8 23.6
226 32.6 22.2 33.4

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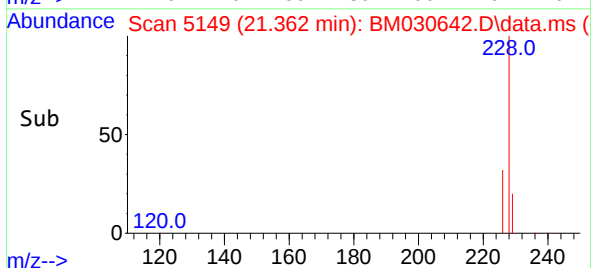
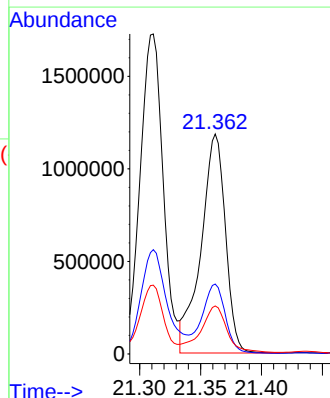
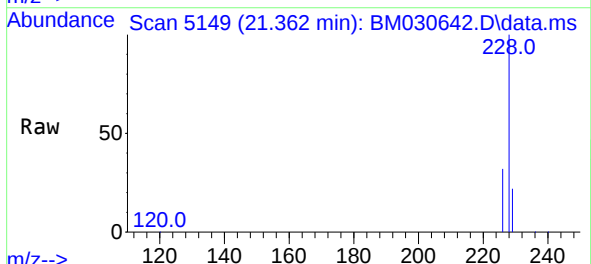
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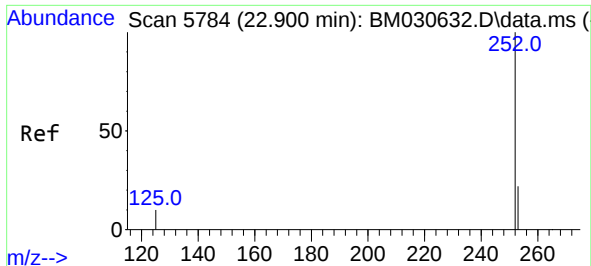
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#22
Chrysene
Concen: 30.899 ng/ul
RT: 21.362 min Scan# 5149
Delta R.T. -0.002 min
Lab File: BM030642.D
Acq: 26 Jun 2021 17:43

Tgt Ion:228 Resp: 1649727
Ion Ratio Lower Upper
228 100
226 31.8 24.4 36.6
229 21.8 15.4 23.0





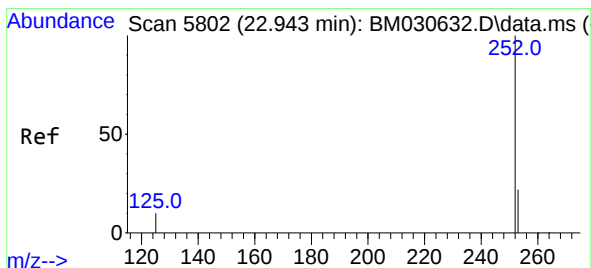
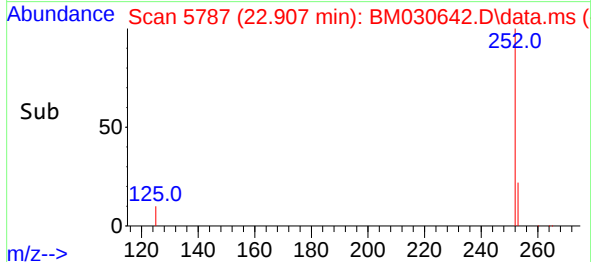
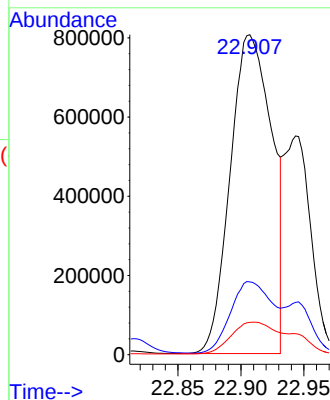
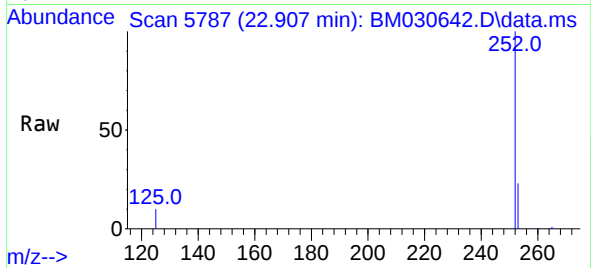
#24
Benzo(b)fluoranthene
Concen: 33.764 ng/ul m
RT: 22.907 min Scan# 5787
Delta R.T. 0.000 min
Lab File: BM030642.D
Acq: 26 Jun 2021 17:43

Tgt Ion:252 Resp: 1850264
Ion Ratio Lower Upper
252 100
253 22.8 0.0 50.2
125 10.1 0.0 27.8

Instrument :
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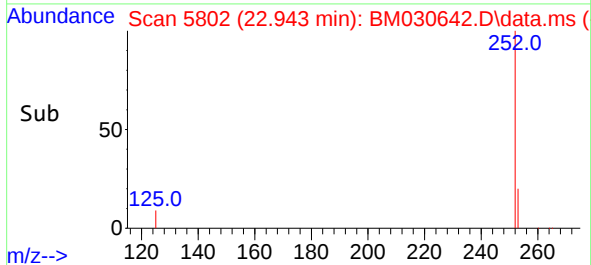
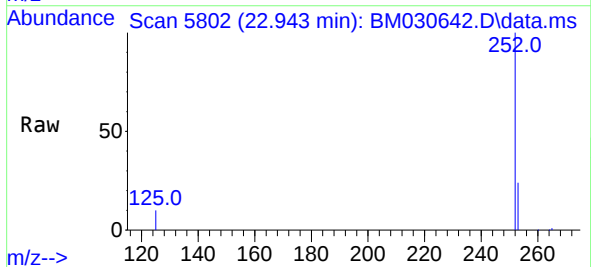
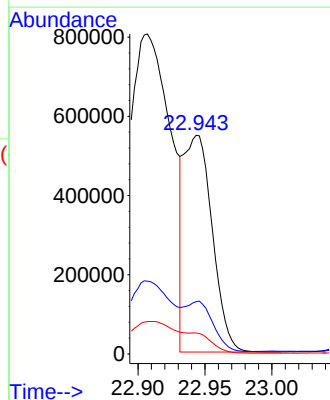
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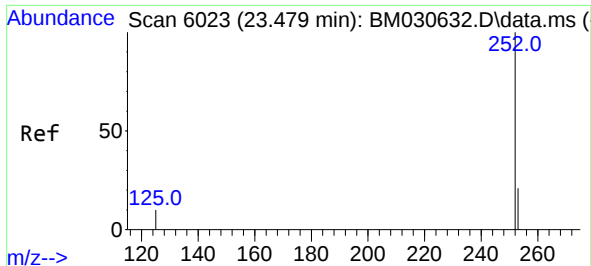
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#25
Benzo(k)fluoranthene
Concen: 14.016 ng/ul m
RT: 22.943 min Scan# 5802
Delta R.T. -0.010 min
Lab File: BM030642.D
Acq: 26 Jun 2021 17:43

Tgt Ion:252 Resp: 805594
Ion Ratio Lower Upper
252 100
253 23.9 20.6 31.0
125 9.6 11.0 16.4#





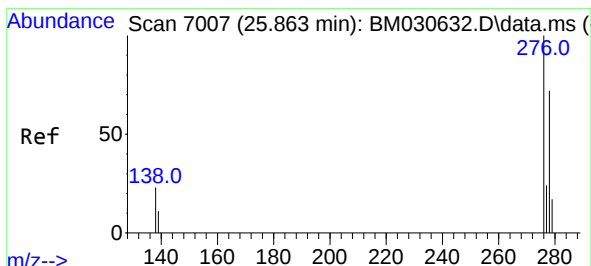
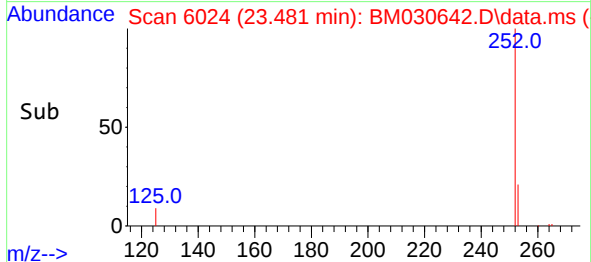
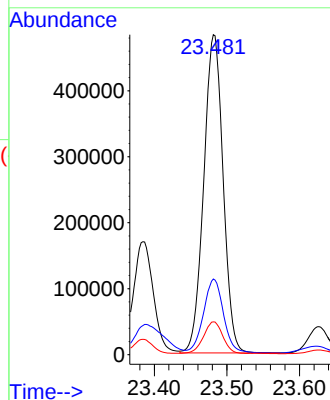
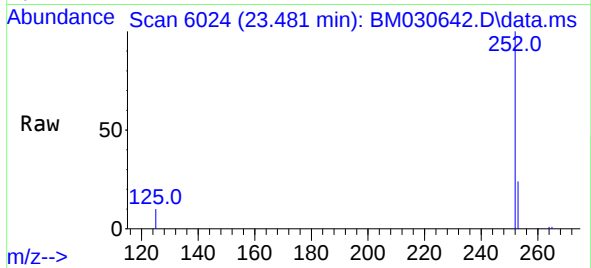
#26
Benzo(a)pyrene
Concen: 18.378 ng/ul
RT: 23.481 min Scan# 6024
Delta R.T. -0.007 min
Lab File: BM030642.D
Acq: 26 Jun 2021 17:43

Tgt Ion:252 Resp: 893760
Ion Ratio Lower Upper
252 100
253 23.6 22.0 33.0
125 10.3 13.4 20.2#

Instrument :
BNA_M
ClientSampleId :
BGDH2

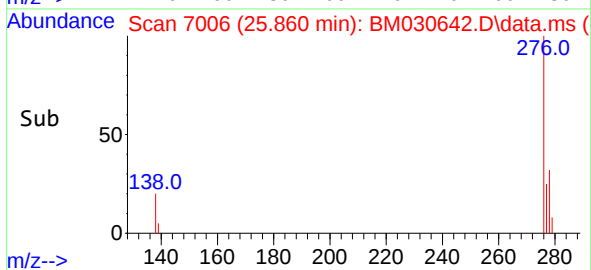
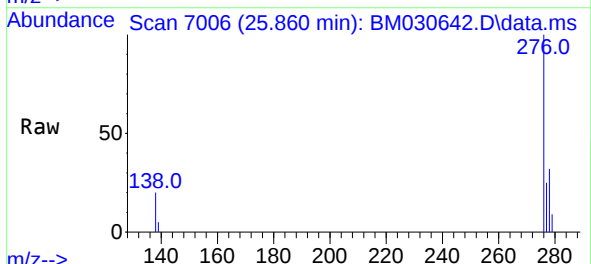
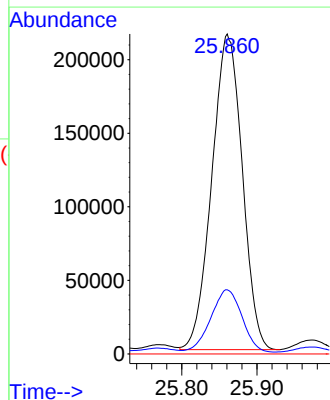
Manual Integrations
APPROVED

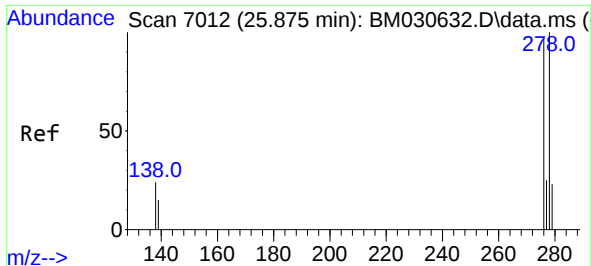
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#27
Indeno(1,2,3-cd)pyrene
Concen: 9.734 ng/ul
RT: 25.860 min Scan# 7006
Delta R.T. -0.012 min
Lab File: BM030642.D
Acq: 26 Jun 2021 17:43

Tgt Ion:276 Resp: 601960
Ion Ratio Lower Upper
276 100
138 20.2 19.1 28.7
227 0.0 0.0 0.0





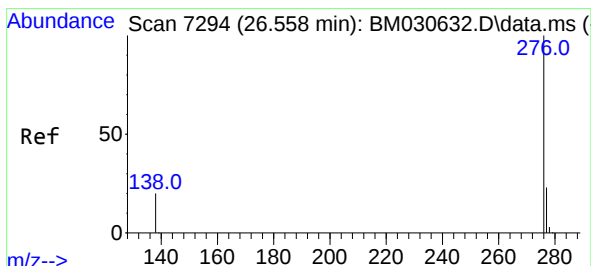
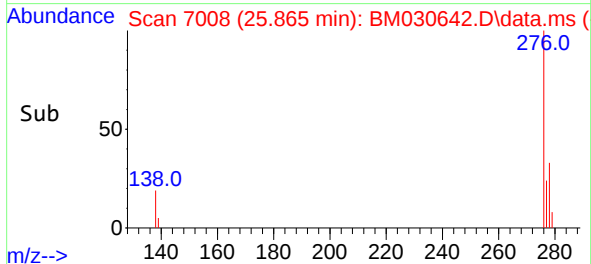
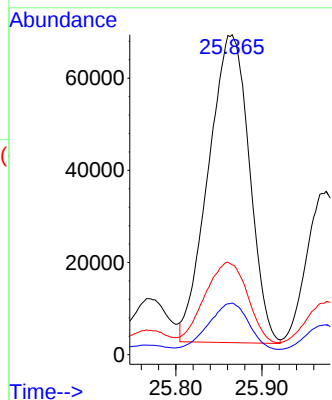
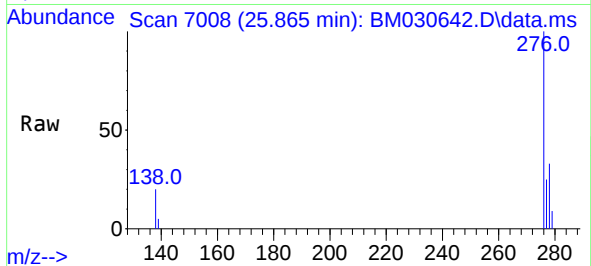
#28
Dibenzo(a,h)anthracene
Concen: 4.472 ng/ul
RT: 25.865 min Scan# 7008
Delta R.T. -0.022 min
Lab File: BM030642.D
Acq: 26 Jun 2021 17:43

Tgt Ion:278 Resp: 220548
Ion Ratio Lower Upper
278 100
139 16.2 14.2 21.4
279 28.1 21.6 32.4

Instrument :
BNA_M
ClientSampled :
BGDH2

Manual Integrations
APPROVED

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#29
Benzo(g,h,i)perylene
Concen: 0.505 ng/ul
RT: 26.558 min Scan# 7294
Delta R.T. -0.010 min
Lab File: BM030642.D
Acq: 26 Jun 2021 17:43

Tgt Ion:276 Resp: 27001
Ion Ratio Lower Upper
276 100
138 27.5 18.0 27.0#
277 35.2 19.5 29.3#

