

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062521\
 Data File : BM030626.D
 Acq On : 26 Jun 2021 07:16
 Operator : CG/JU
 Sample : M2682-12
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGDD0

Manual Integrations
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Quant Time: Jun 27 02:06:10 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	3406	0.400	ng/ul	0.00
4) Naphthalene-d8	10.581	136	14251	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.421	164	8730	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.155	188	17439	0.400	ng/ul	0.00
17) Chrysene-d12	21.323	240	14185	0.400	ng/ul	0.00
23) Perylene-d12	23.576	264	12808	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.279	96	3813	1.046	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.169	152	1939	0.085	ng/ul	0.00
18) Fluoranthene-d10	19.176	212	4633	0.107	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.626	128	24479	0.577	ng/ul	99
7) 2-Methylnaphthalene	12.245	142	4763	0.167	ng/ul	99
8) 1-Methylnaphthalene	12.466	142	3154	0.113	ng/ul	100
10) Acenaphthylene	14.140	152	18010	0.441	ng/ul	98
11) Acenaphthene	14.481	153	25996	0.781	ng/ul	99
12) Fluorene	15.467	166	21429	0.581	ng/ul	98
15) Phenanthrene	17.197	178	566341	9.121	ng/ul	99
16) Anthracene	17.287	178	182851	3.361	ng/ul	99
19) Fluoranthene	19.211	202	1743827	26.741	ng/ul	97
20) Pyrene	19.573	202	1354394	20.273	ng/ul	98
21) Benzo(a)anthracene	21.306	228	1275451	22.635	ng/ul	98
22) Chrysene	21.357	228	1089915	17.423	ng/ul	96
24) Benzo(b)fluoranthene	22.905	252	1739728m	31.226	ng/ul	
25) Benzo(k)fluoranthene	22.941	252	603584m	10.329	ng/ul	
26) Benzo(a)pyrene	23.479	252	805800	16.298	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	25.856	276	633918	10.083	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.863	278	193082	3.851	ng/ul	97
29) Benzo(g,h,i)perylene	26.553	276	31652	0.583	ng/ul#	91

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

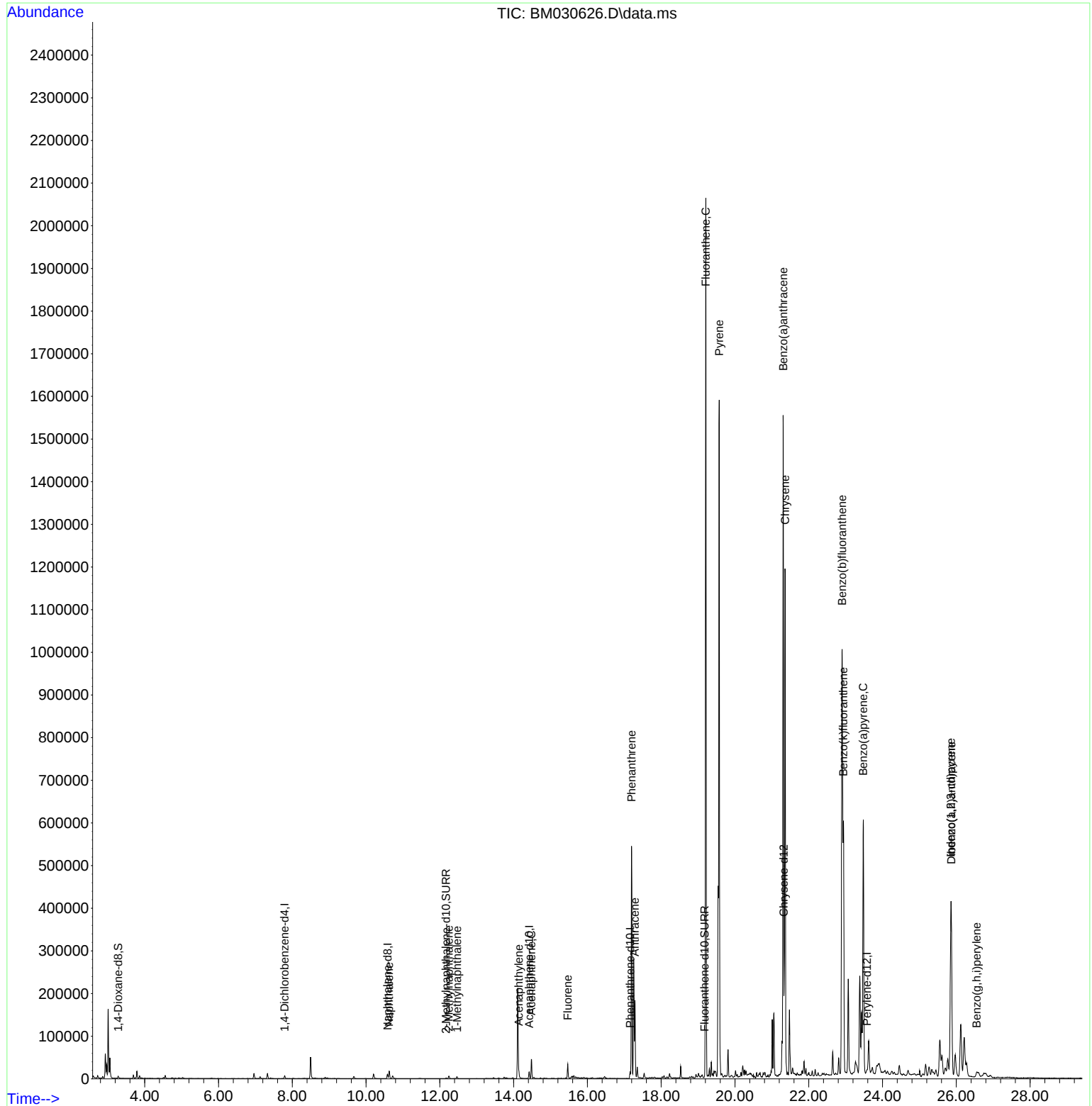
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062521\
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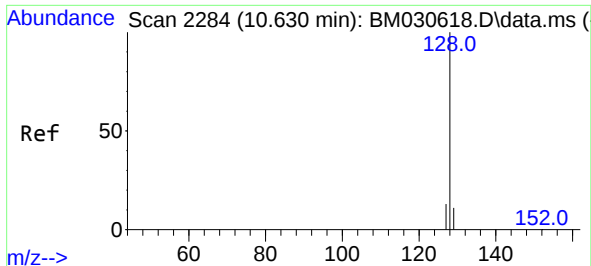
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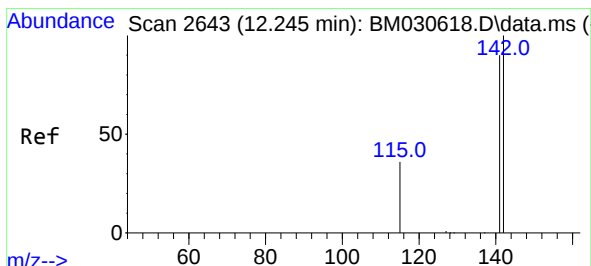
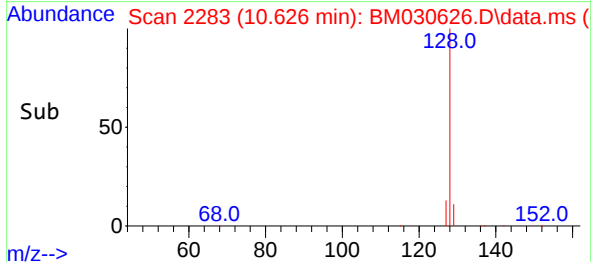
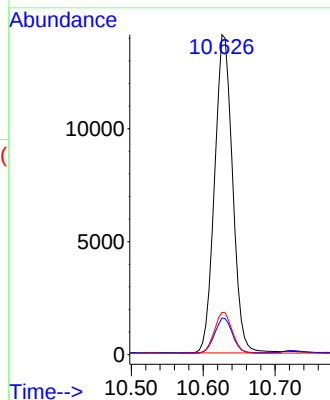
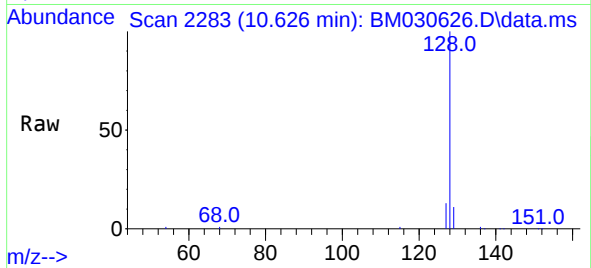
#5
Naphthalene
Concen: 0.577 ng/ul
RT: 10.626 min Scan# 2283
Delta R.T. -0.009 min
Lab File: BM030626.D
Acq: 26 Jun 2021 07:16

Tgt Ion:	128	Resp:	24479
Ion Ratio	Lower	Upper	
128	100		
129	11.5	9.0	13.6
127	13.2	10.9	16.3

Instrument :
BNA_M
ClientSampleId :
BGDD0

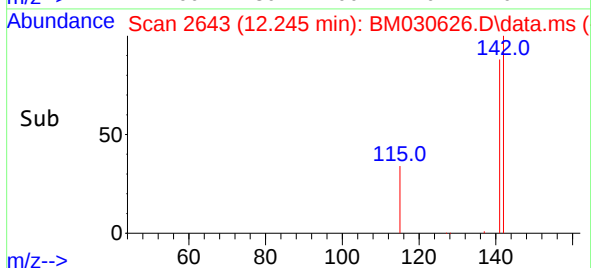
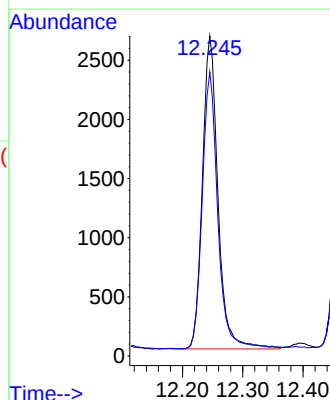
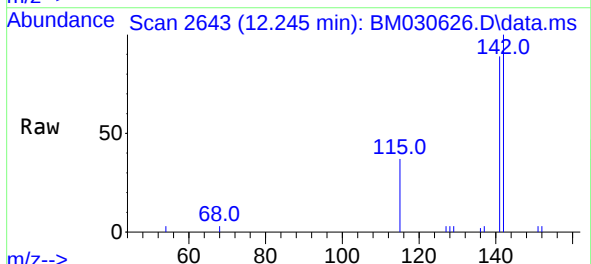
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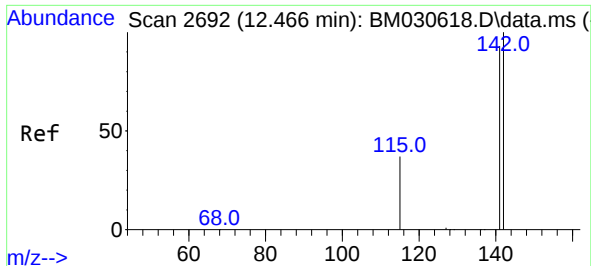
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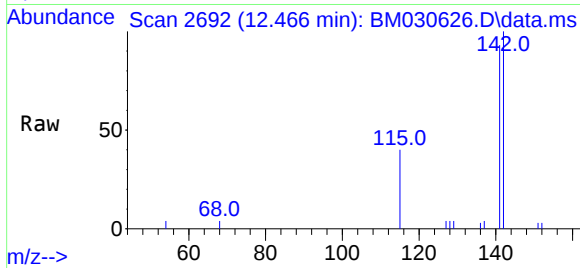
#7
2-Methylnaphthalene
Concen: 0.167 ng/ul
RT: 12.245 min Scan# 2643
Delta R.T. -0.004 min
Lab File: BM030626.D
Acq: 26 Jun 2021 07:16

Tgt Ion:	142	Resp:	4763
Ion Ratio	Lower	Upper	
142	100		
141	88.4	71.4	107.0

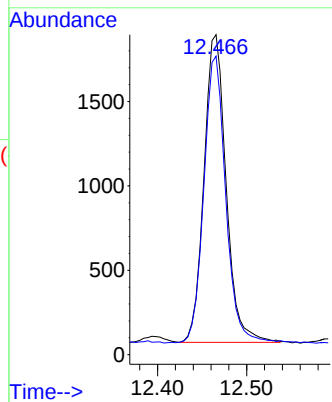
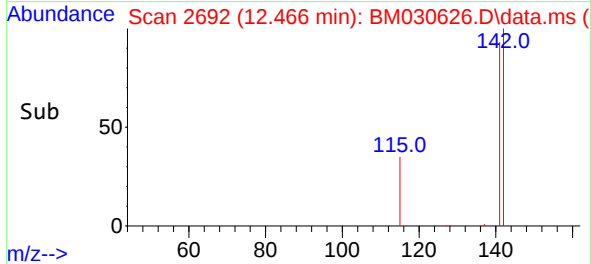




#8
1-Methylnaphthalene
Concen: 0.113 ng/ul
RT: 12.466 min Scan# 2692
Delta R.T. 0.000 min
Lab File: BM030626.D
Acq: 26 Jun 2021 07:16



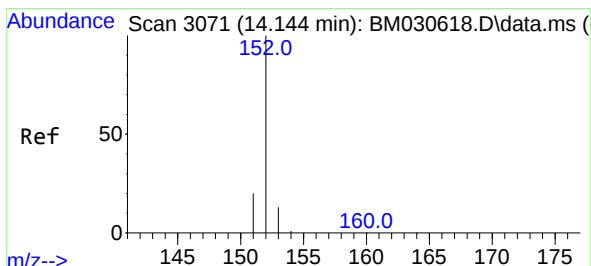
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Ion Ratio Lower Upper
142 100
141 91.9 73.4 110.0



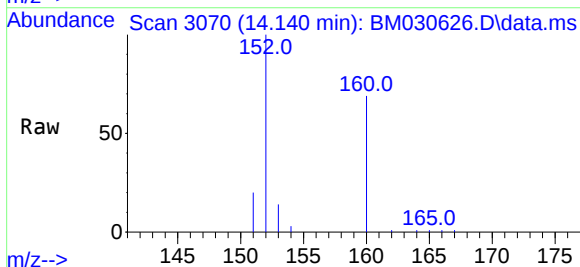
Instrument :
BNA_M
ClientSampled :
BGDD0

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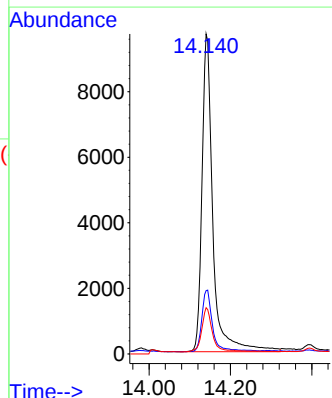
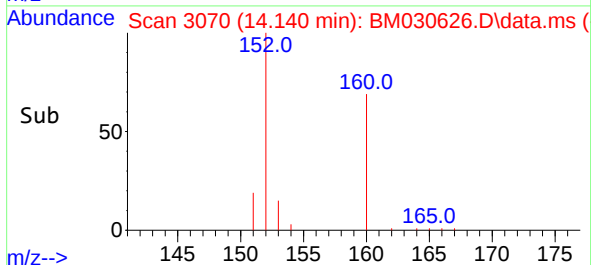
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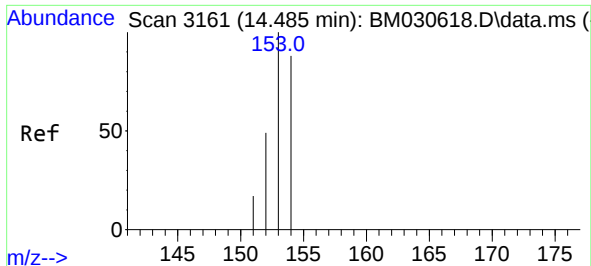


#10
Acenaphthylene
Concen: 0.441 ng/ul
RT: 14.140 min Scan# 3070
Delta R.T. -0.004 min
Lab File: BM030626.D
Acq: 26 Jun 2021 07:16



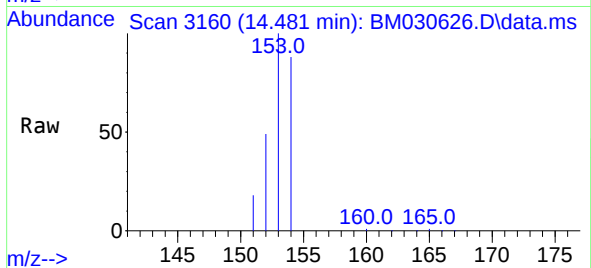
Tgt Ion:152 Resp: 18010
Ion Ratio Lower Upper
152 100
151 19.8 15.5 23.3
153 14.5 10.7 16.1





#11
Acenaphthene
Concen: 0.781 ng/ul
RT: 14.481 min Scan# 3160
Delta R.T. -0.004 min
Lab File: BM030626.D
Acq: 26 Jun 2021 07:16

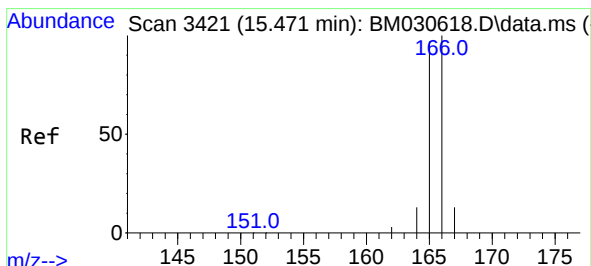
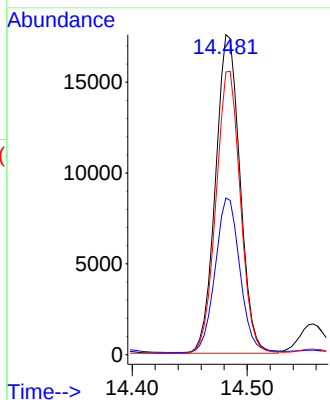
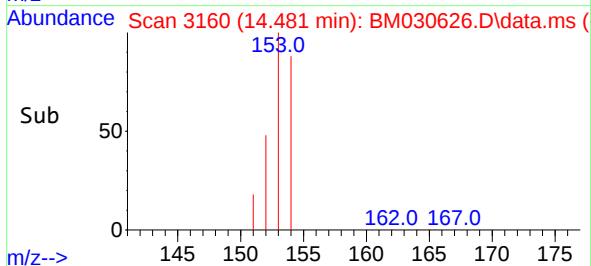
Instrument :
BNA_M
ClientSampled :
BGDD0



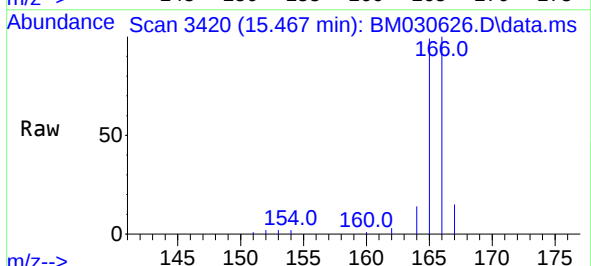
Tgt Ion:153 Resp: 25996
Ion Ratio Lower Upper
153 100
152 48.9 40.2 60.2
154 88.4 71.2 106.8

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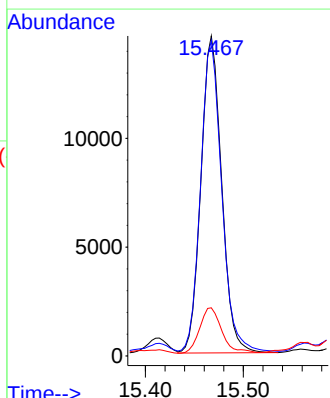
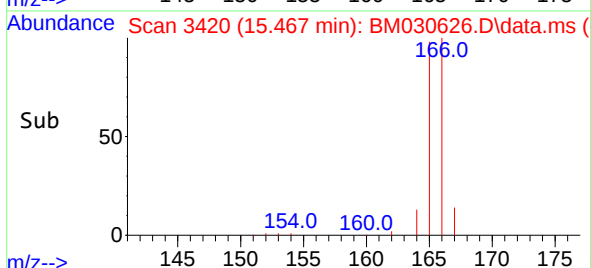
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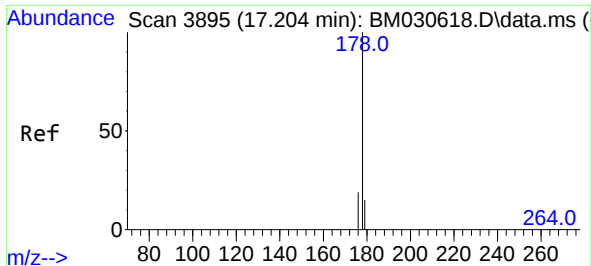


#12
Fluorene
Concen: 0.581 ng/ul
RT: 15.467 min Scan# 3420
Delta R.T. -0.008 min
Lab File: BM030626.D
Acq: 26 Jun 2021 07:16



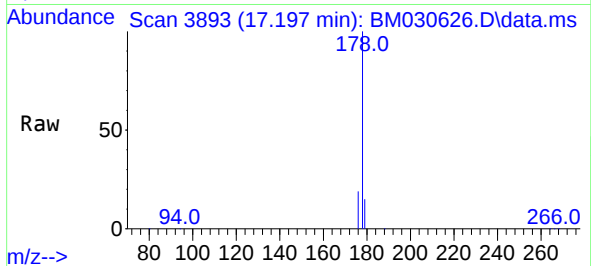
Tgt Ion:166 Resp: 21429
Ion Ratio Lower Upper
166 100
165 98.6 77.7 116.5
167 15.1 11.3 16.9





#15
Phenanthrene
Concen: 9.121 ng/u1
RT: 17.197 min Scan# 3893
Delta R.T. -0.007 min
Lab File: BM030626.D
Acq: 26 Jun 2021 07:16

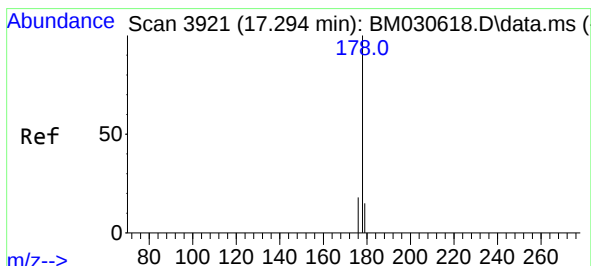
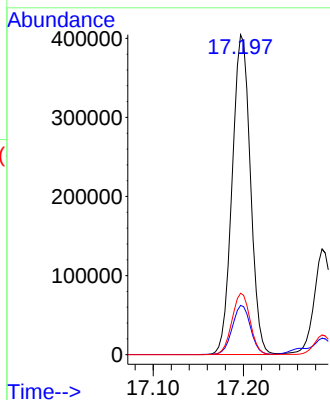
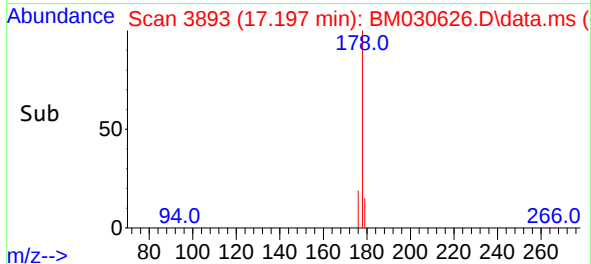
Instrument :
BNA_M
ClientSampled :
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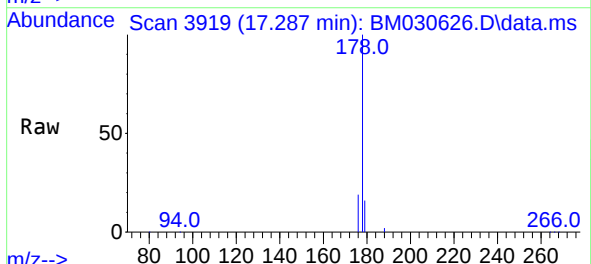
Tgt Ion:178 Resp: 566341
Ion Ratio Lower Upper
178 100
179 15.4 12.6 19.0
176 19.2 15.5 23.3

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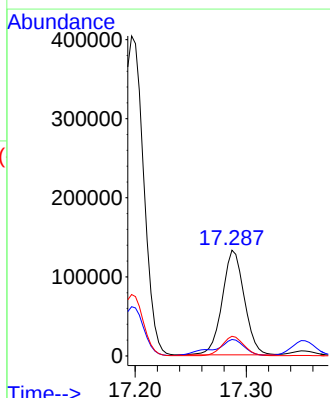
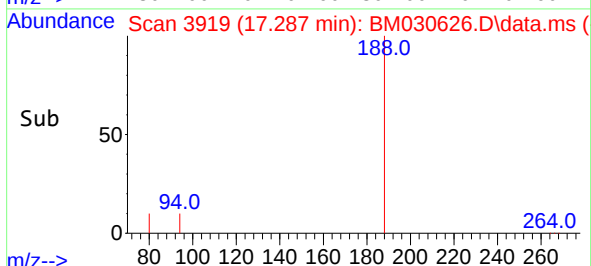
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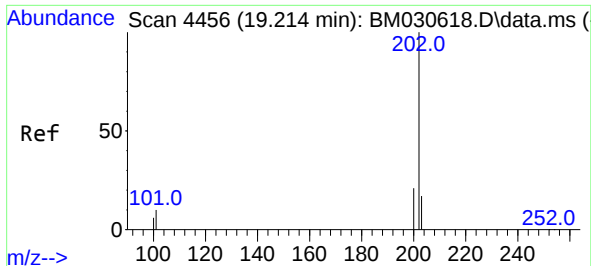


#16
Anthracene
Concen: 3.361 ng/u1
RT: 17.287 min Scan# 3919
Delta R.T. -0.010 min
Lab File: BM030626.D
Acq: 26 Jun 2021 07:16

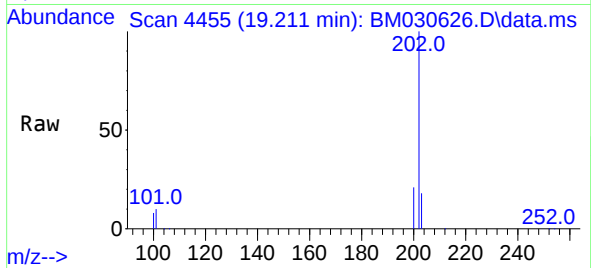


Tgt Ion:178 Resp: 182851
Ion Ratio Lower Upper
178 100
179 15.6 12.7 19.1
176 18.7 15.2 22.8

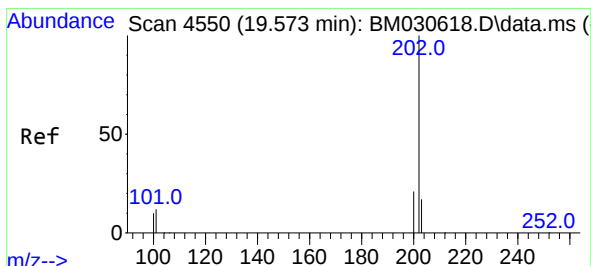
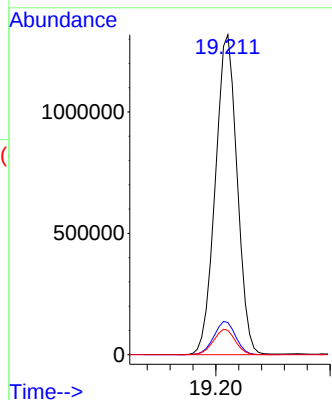
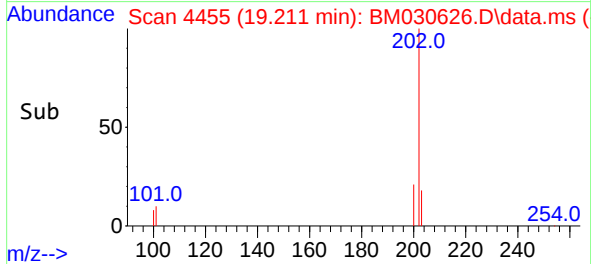




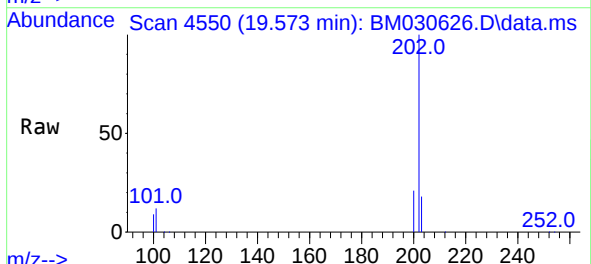
#19
Fluoranthene
Concen: 26.741 ng/u1
RT: 19.211 min Scan# 4455
Delta R.T. -0.004 min
Lab File: BM030626.D
Acq: 26 Jun 2021 07:16



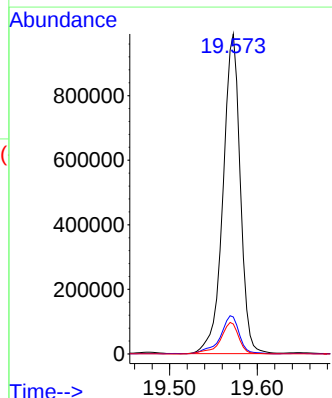
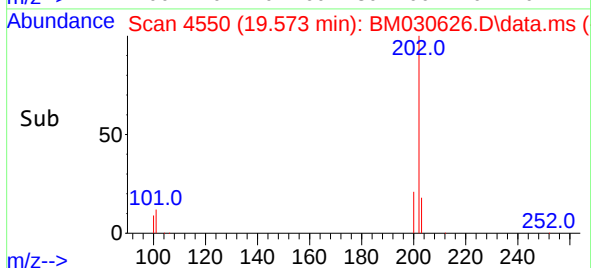
Tgt Ion:202 Resp: 1743827
Ion Ratio Lower Upper
202 100
101 10.1 8.8 13.2
100 7.6 6.9 10.3



#20
Pyrene
Concen: 20.273 ng/u1
RT: 19.573 min Scan# 4550
Delta R.T. -0.004 min
Lab File: BM030626.D
Acq: 26 Jun 2021 07:16



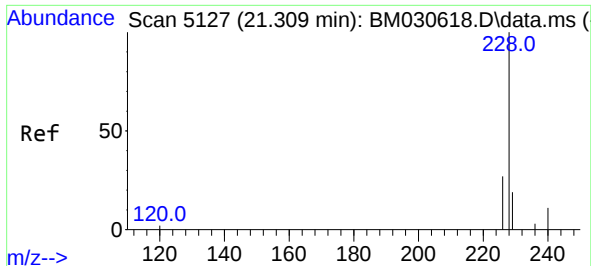
Tgt Ion:202 Resp: 1354394
Ion Ratio Lower Upper
202 100
101 11.6 10.1 15.1
100 9.4 8.2 12.2



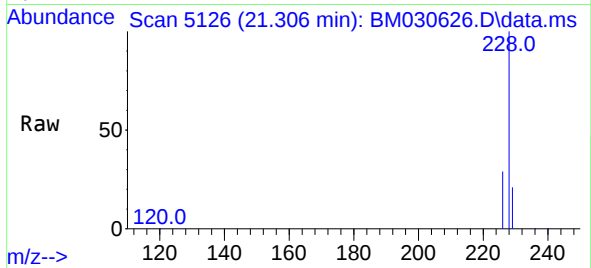
Instrument :
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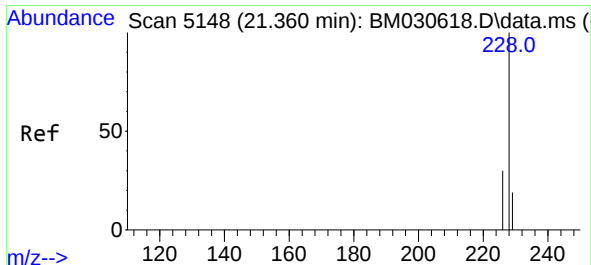
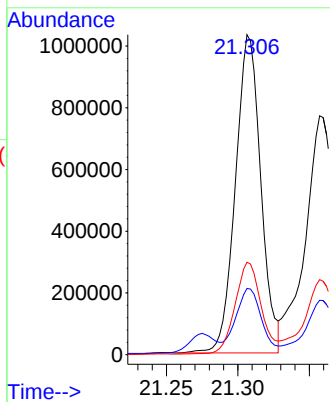
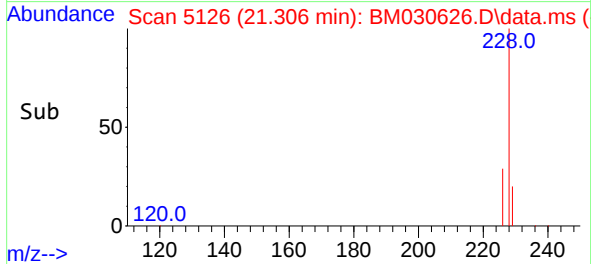
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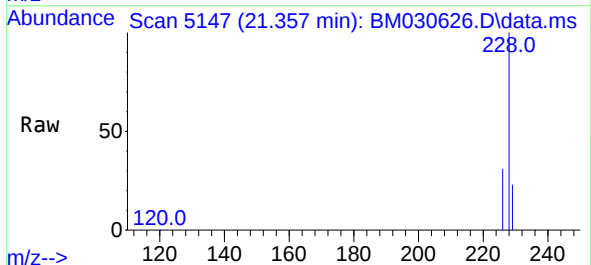
#21
Benzo(a)anthracene
Concen: 22.635 ng/u1
RT: 21.306 min Scan# 5126
Delta R.T. -0.007 min
Lab File: BM030626.D
Acq: 26 Jun 2021 07:16



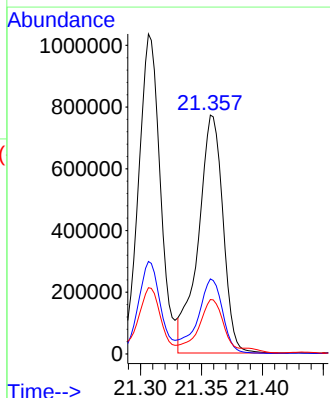
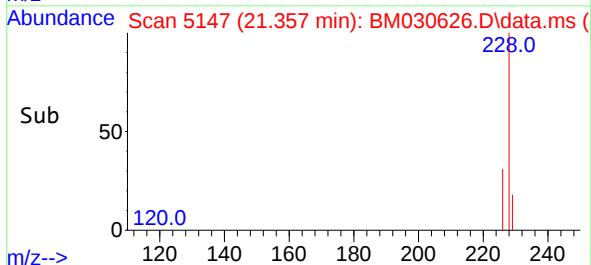
Tgt Ion:228 Resp: 1275451
Ion Ratio Lower Upper
228 100
229 20.7 15.8 23.6
226 28.9 22.2 33.4



#22
Chrysene
Concen: 17.423 ng/u1
RT: 21.357 min Scan# 5147
Delta R.T. -0.007 min
Lab File: BM030626.D
Acq: 26 Jun 2021 07:16



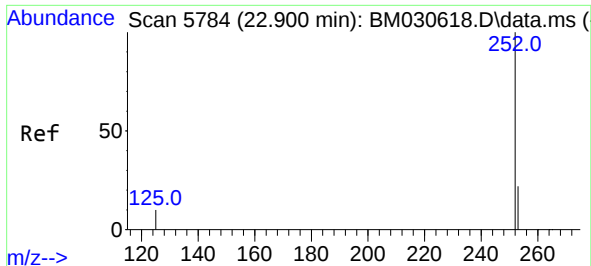
Tgt Ion:228 Resp: 1089915
Ion Ratio Lower Upper
228 100
226 31.4 24.4 36.6
229 22.8 15.4 23.0



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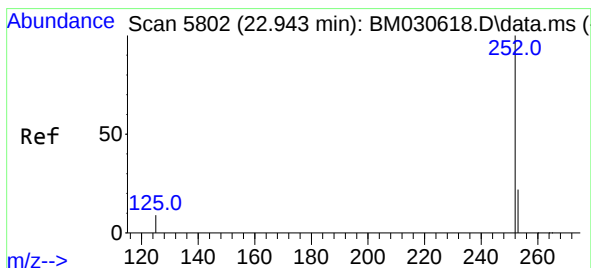
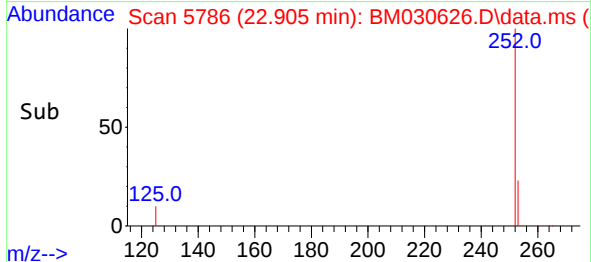
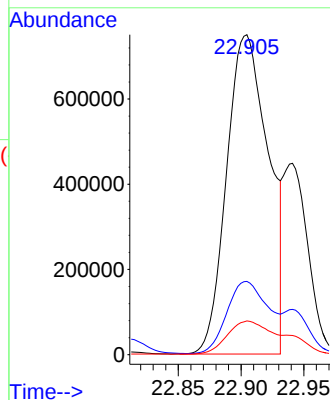
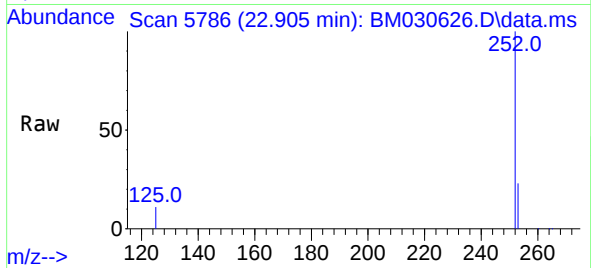
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Benzo(b)fluoranthene
Concen: 31.226 ng/ul m
RT: 22.905 min Scan# 5786
Delta R.T. -0.002 min
Lab File: BM030626.D
Acq: 26 Jun 2021 07:16

Tgt Ion:252 Resp: 1739728
Ion Ratio Lower Upper
252 100
253 22.9 0.0 50.2
125 10.6 0.0 27.8

Instrument :
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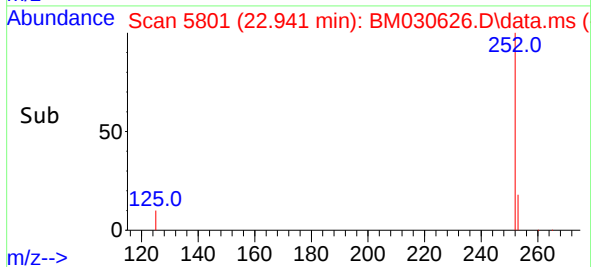
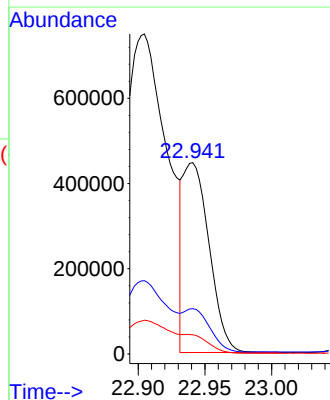
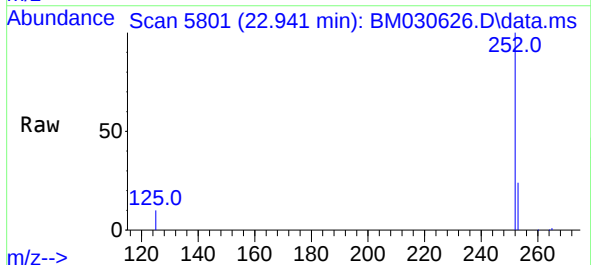
Manual Integrations
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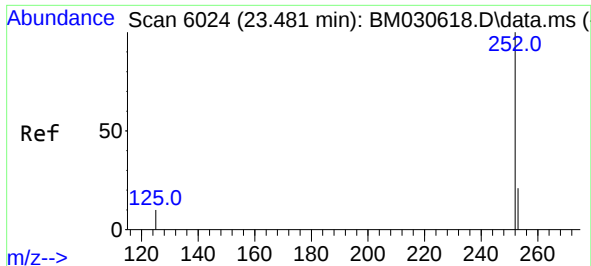
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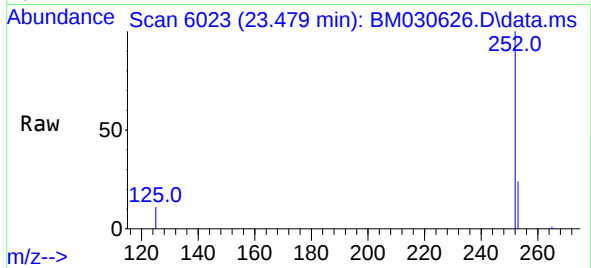
#25
Benzo(k)fluoranthene
Concen: 10.329 ng/ul m
RT: 22.941 min Scan# 5801
Delta R.T. -0.012 min
Lab File: BM030626.D
Acq: 26 Jun 2021 07:16

Tgt Ion:252 Resp: 603584
Ion Ratio Lower Upper
252 100
253 23.7 20.6 31.0
125 10.0 11.0 16.4#

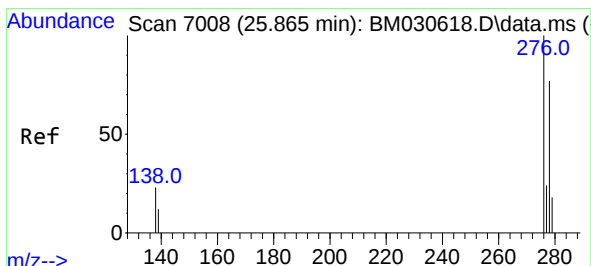
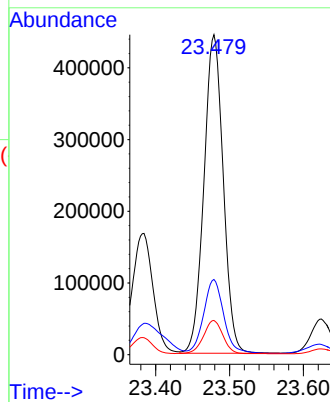
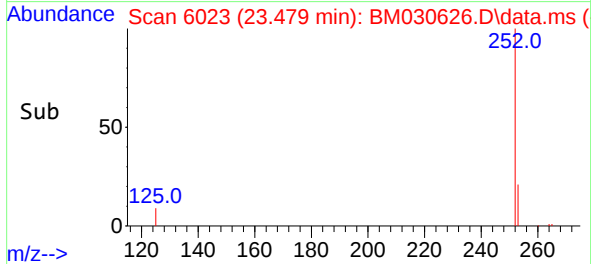




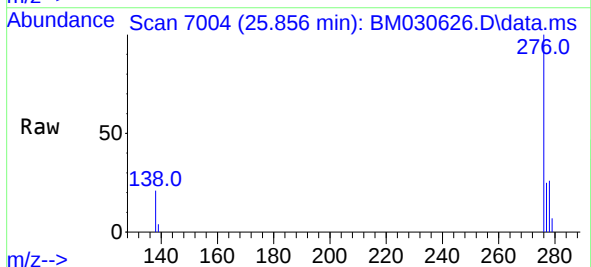
#26
Benzo(a)pyrene
Concen: 16.298 ng/ul
RT: 23.479 min Scan# 6023
Delta R.T. -0.010 min
Lab File: BM030626.D
Acq: 26 Jun 2021 07:16



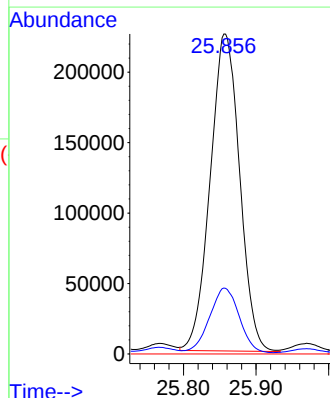
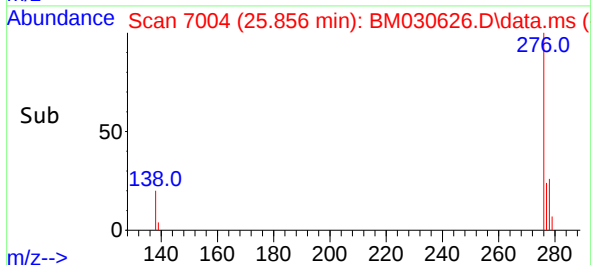
Tgt Ion:252 Resp: 805800
Ion Ratio Lower Upper
252 100
253 23.5 22.0 33.0
125 10.7 13.4 20.2#



#27
Indeno(1,2,3-cd)pyrene
Concen: 10.083 ng/ul
RT: 25.856 min Scan# 7004
Delta R.T. -0.017 min
Lab File: BM030626.D
Acq: 26 Jun 2021 07:16



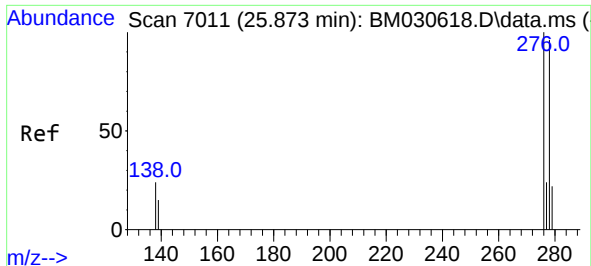
Tgt Ion:276 Resp: 633918
Ion Ratio Lower Upper
276 100
138 20.5 19.1 28.7
227 0.0 0.0 0.0



Instrument :
BNA_M
ClientSampled :
BGDD0

Manual Integrations
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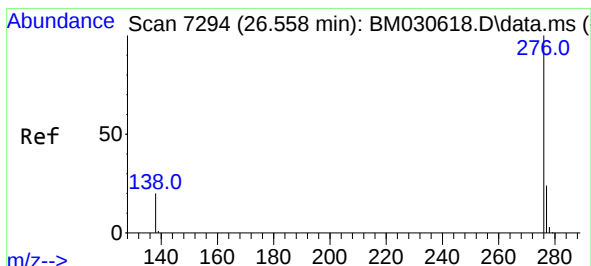
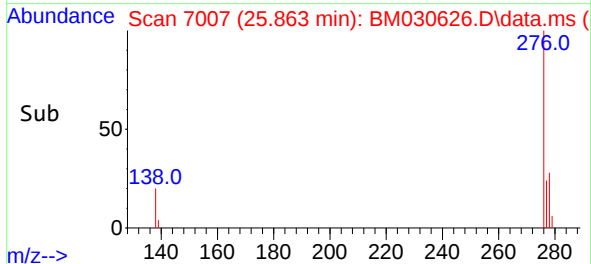
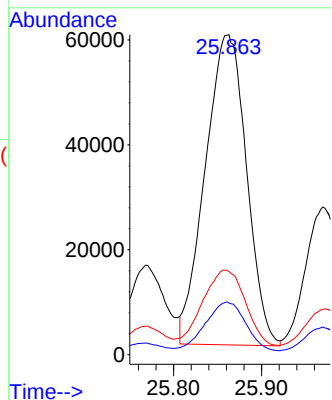
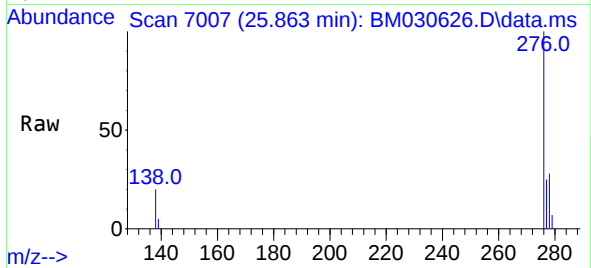
#28
Dibenzo(a,h)anthracene
Concen: 3.851 ng/ul
RT: 25.863 min Scan# 7007
Delta R.T. -0.024 min
Lab File: BM030626.D
Acq: 26 Jun 2021 07:16

Tgt Ion:278 Resp: 193082
Ion Ratio Lower Upper
278 100
139 16.2 14.2 21.4
279 26.0 21.6 32.4

Instrument :
BNA_M
ClientSampled :
BGDD0

Manual Integrations
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#29
Benzo(g,h,i)perylene
Concen: 0.583 ng/ul
RT: 26.553 min Scan# 7292
Delta R.T. -0.014 min
Lab File: BM030626.D
Acq: 26 Jun 2021 07:16

Tgt Ion:276 Resp: 31652
Ion Ratio Lower Upper
276 100
138 24.4 18.0 27.0
277 31.3 19.5 29.3#

