

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081121\
 Data File : BM031662.D
 Acq On : 11 Aug 2021 16:16
 Operator : CG/JU
 Sample : M3246-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AB0

Manual Integrations
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Quant Time: Aug 11 16:49:08 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 Aug 11 16:24:11 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.573	152	1319	0.400	ng/ul	0.00
4) Naphthalene-d8	10.334	136	5214	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.209	164	3099	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.957	188	5724	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.159	240	4309	0.400	ng/ul	# 0.00
23) Perylene-d12	23.317	264	4284	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.182	96	3402	2.322	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.930	152	1386	0.158	ng/ul	0.00
18) Fluoranthene-d10	18.990	212	2634	0.183	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.383	128	19498	1.255	ng/ul	98
7) 2-Methylnaphthalene	12.002	142	16083	1.516	ng/ul	100
8) 1-Methylnaphthalene	12.227	142	12264	1.170	ng/ul	100
10) Acenaphthylene	13.927	152	15849	1.201	ng/ul	99
11) Acenaphthene	14.269	153	3882	0.349	ng/ul	99
12) Fluorene	15.263	166	5116	0.400	ng/ul#	94
14) Pentachlorophenol	16.614	266	1230	0.671	ng/ul	100
15) Phenanthrene	16.999	178	127383	7.008	ng/ul	97
16) Anthracene	17.093	178	29504	1.734	ng/ul	99
19) Fluoranthene	19.024	202	271664	14.765	ng/ul	97
20) Pyrene	19.390	202	195482	10.475	ng/ul	98
21) Benzo(a)anthracene	21.142	228	65796m	3.781	ng/ul	
22) Chrysene	21.195	228	116825	6.489	ng/ul	97
24) Benzo(b)fluoranthene	22.677	252	172428m	8.933	ng/ul	
25) Benzo(k)fluoranthene	22.716	252	54084m	2.712	ng/ul	
26) Benzo(a)pyrene	23.225	252	56528	3.344	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	25.454	276	62672	2.868	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.458	278	14037	0.797	ng/ul#	85
29) Benzo(g,h,i)perylene	26.105	276	23392	1.255	ng/ul#	92

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

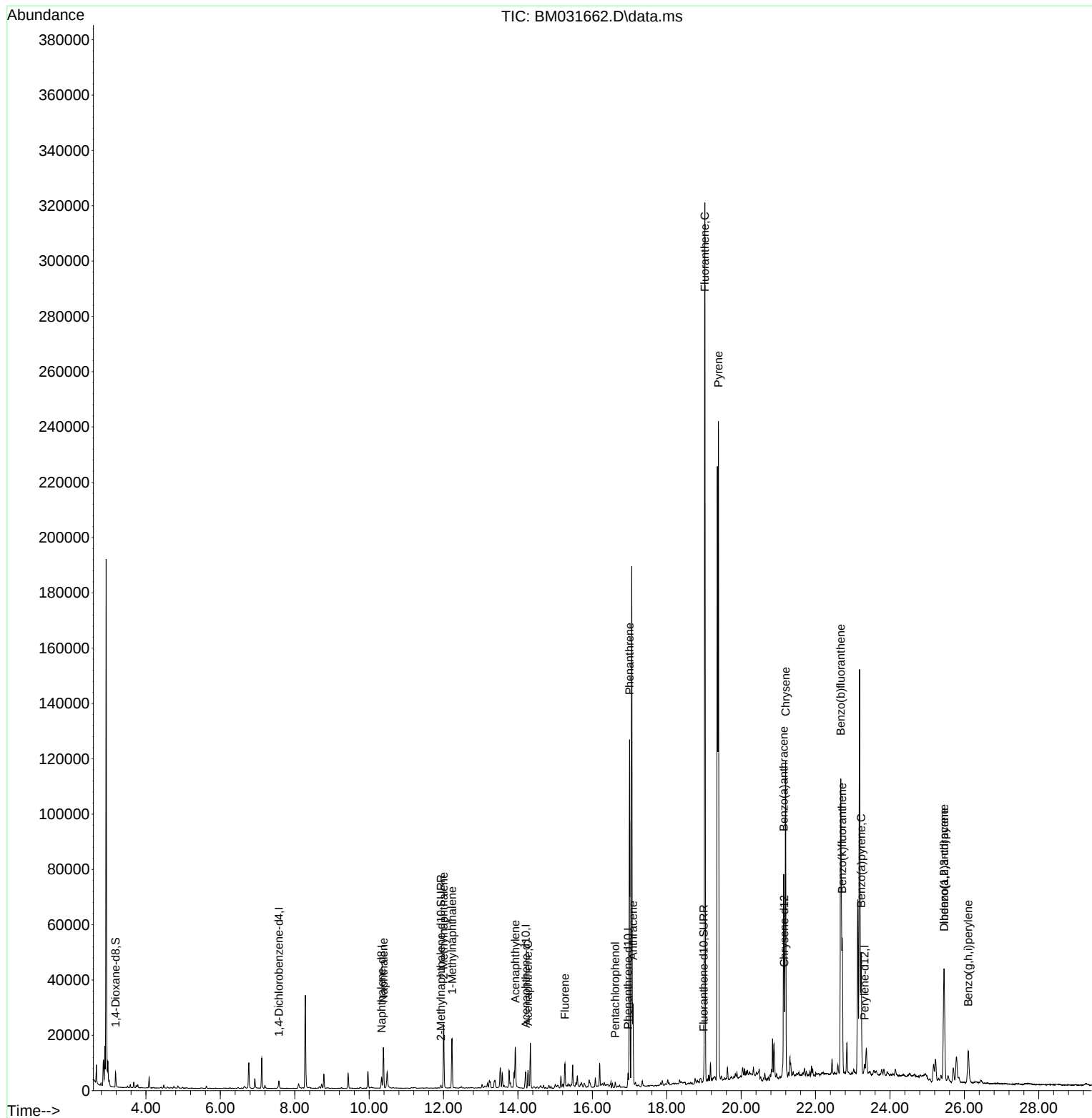
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081121\
Data File : BM031662.D
Acq On : 11 Aug 2021 16:16
Operator : CG/JU
Sample : M3246-06
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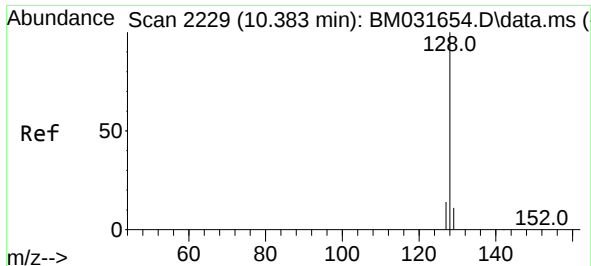
Instrument :
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ClientSampleId :
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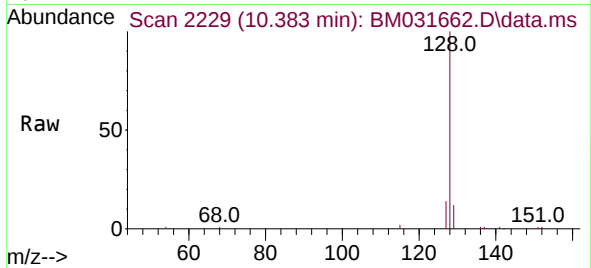
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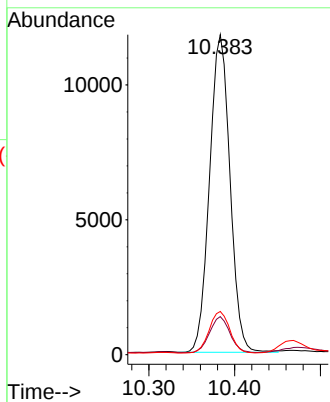
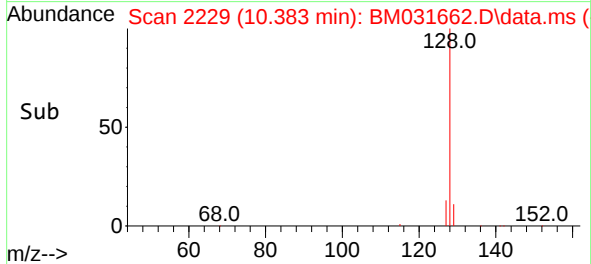




#5
Naphthalene
Concen: 1.255 ng/ul
RT: 10.383 min Scan# 2229
Delta R.T. 0.000 min
Lab File: BM031662.D
Acq: 11 Aug 2021 16:16



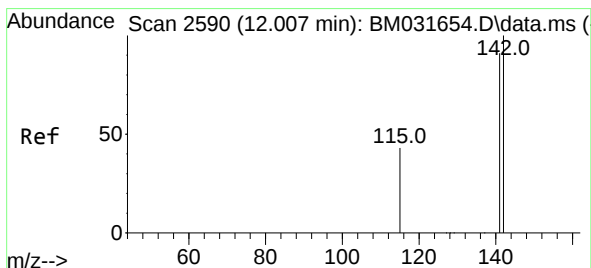
Tgt Ion:	128	Resp:	19498
Ion Ratio	Lower	Upper	
128	100		
129	11.9	10.0	15.0
127	13.5	11.6	17.4



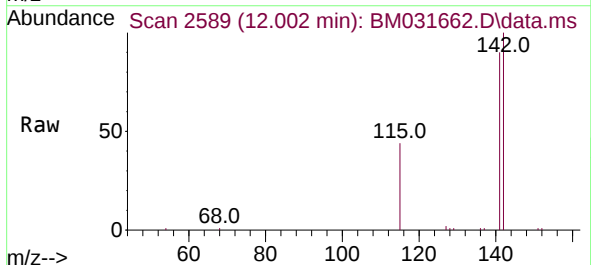
Instrument :
BNA_M
ClientSampled :
C0AB0

Manual Integrations
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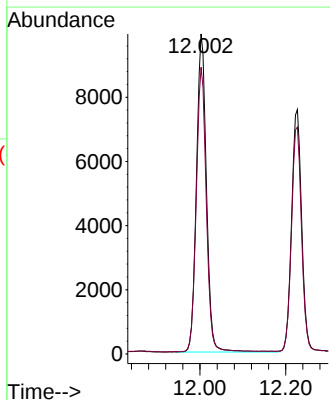
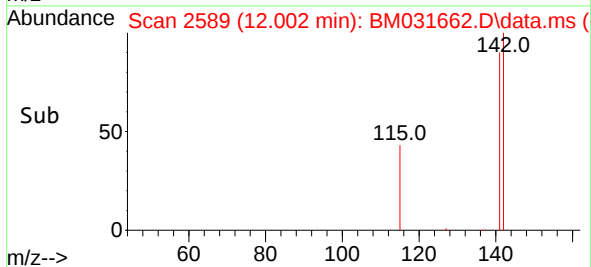
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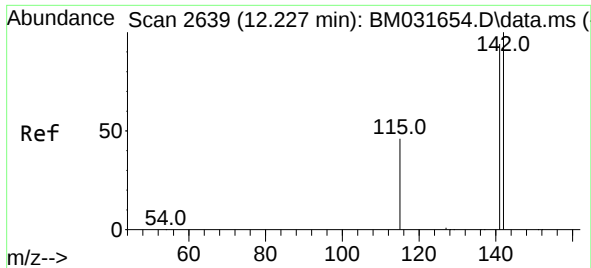


#7
2-Methylnaphthalene
Concen: 1.516 ng/ul
RT: 12.002 min Scan# 2589
Delta R.T. -0.004 min
Lab File: BM031662.D
Acq: 11 Aug 2021 16:16

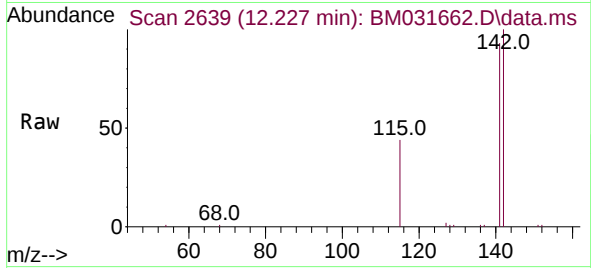


Tgt Ion:	142	Resp:	16083
Ion Ratio	Lower	Upper	
142	100		
141	89.2	71.4	107.0

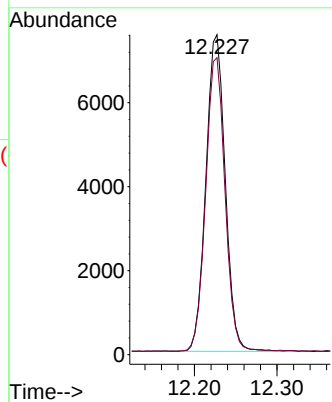
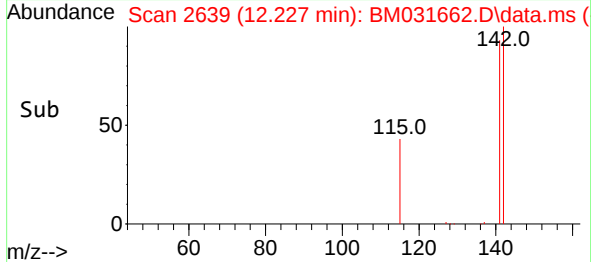




#8
1-Methylnaphthalene
Concen: 1.170 ng/ul
RT: 12.227 min Scan# 2639
Delta R.T. 0.000 min
Lab File: BM031662.D
Acq: 11 Aug 2021 16:16



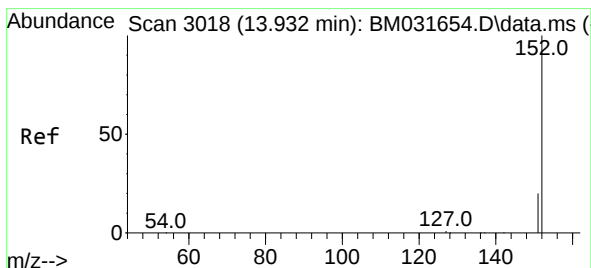
Tgt Ion:142 Resp: 12264
Ion Ratio Lower Upper
142 100
141 93.1 74.1 111.1



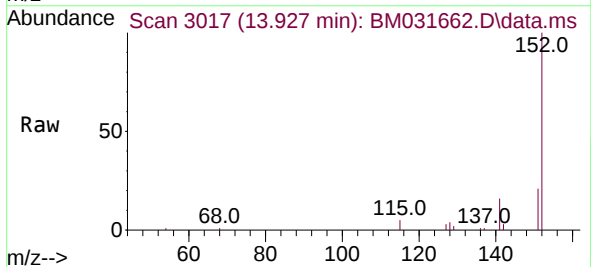
Instrument :
BNA_M
ClientSampled :
C0AB0

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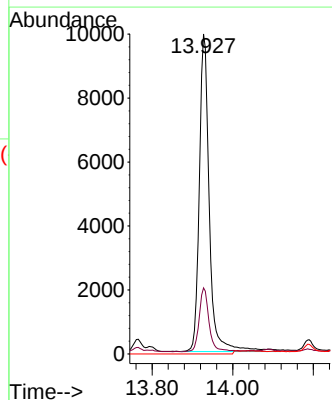
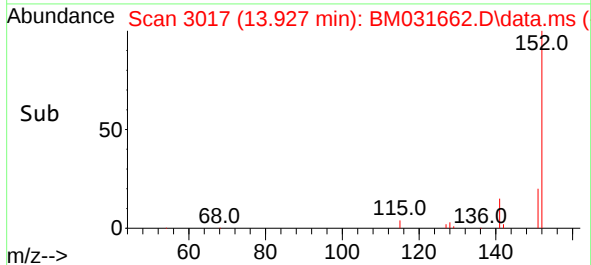
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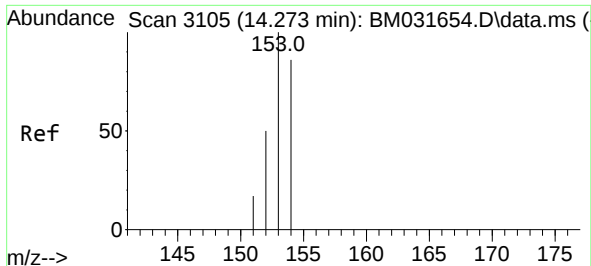


#10
Acenaphthylene
Concen: 1.201 ng/ul
RT: 13.927 min Scan# 3017
Delta R.T. -0.004 min
Lab File: BM031662.D
Acq: 11 Aug 2021 16:16

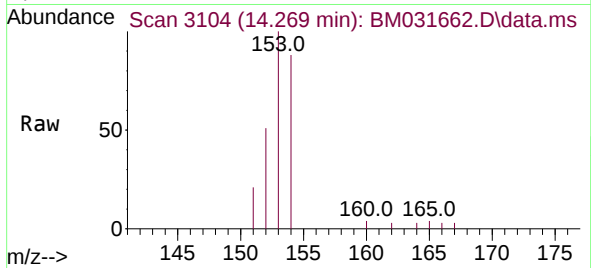


Tgt Ion:152 Resp: 15849
Ion Ratio Lower Upper
152 100
151 20.6 16.9 25.3
153 0.0 0.0 0.0

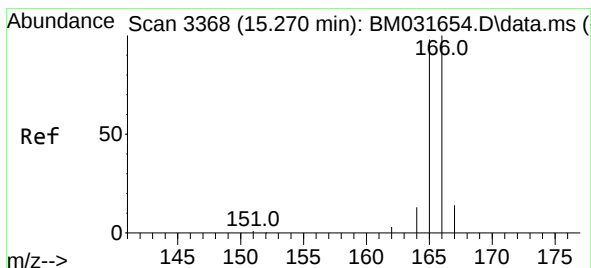
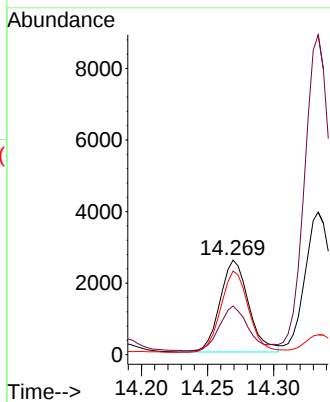
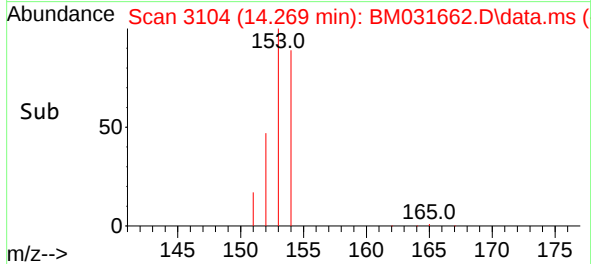




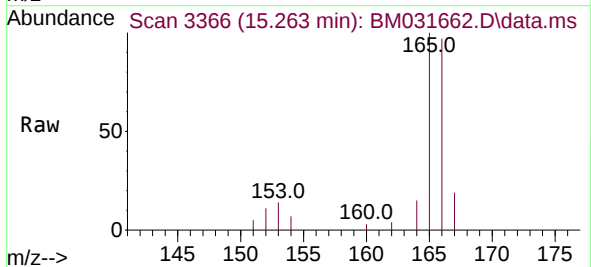
#11
Acenaphthene
Concen: 0.349 ng/ul
RT: 14.269 min Scan# 3104
Delta R.T. -0.004 min
Lab File: BM031662.D
Acq: 11 Aug 2021 16:16



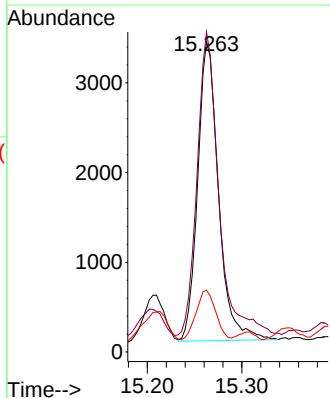
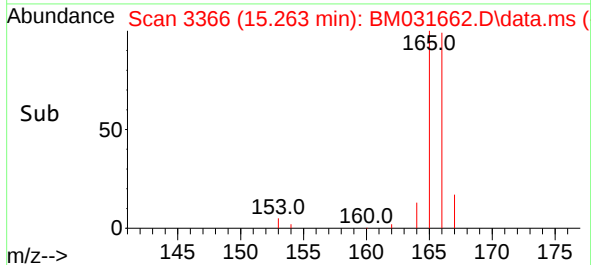
Tgt Ion:153 Resp: 3882
Ion Ratio Lower Upper
153 100
152 51.4 40.7 61.1
154 88.5 70.2 105.2



#12
Fluorene
Concen: 0.400 ng/ul
RT: 15.263 min Scan# 3366
Delta R.T. -0.007 min
Lab File: BM031662.D
Acq: 11 Aug 2021 16:16



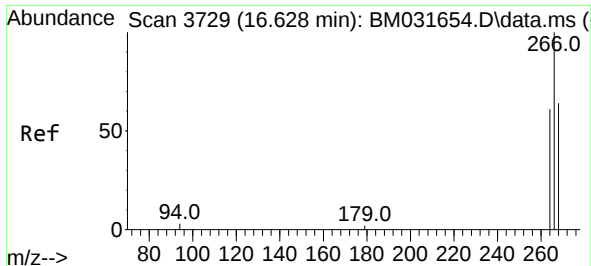
Tgt Ion:166 Resp: 5116
Ion Ratio Lower Upper
166 100
165 103.1 78.0 117.0
167 19.9 12.0 18.0#



Instrument :
BNA_M
ClientSampled :
C0AB0

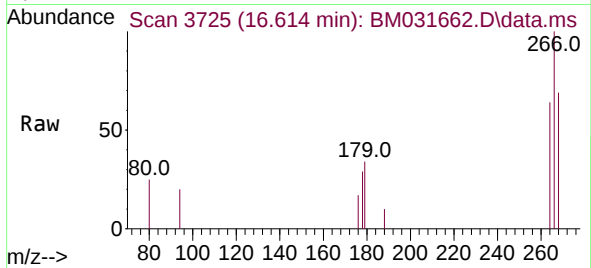
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#14
Pentachlorophenol
Concen: 0.671 ng/ul
RT: 16.614 min Scan# 3725
Delta R.T. -0.014 min
Lab File: BM031662.D
Acq: 11 Aug 2021 16:16

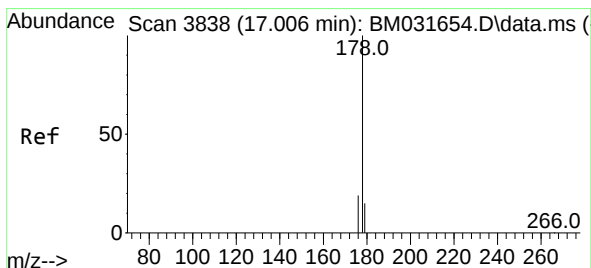
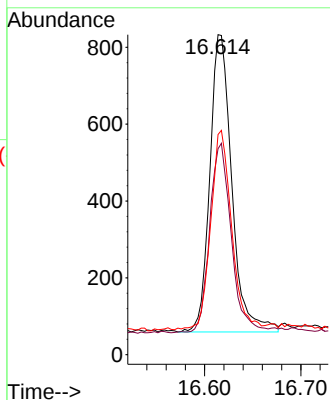
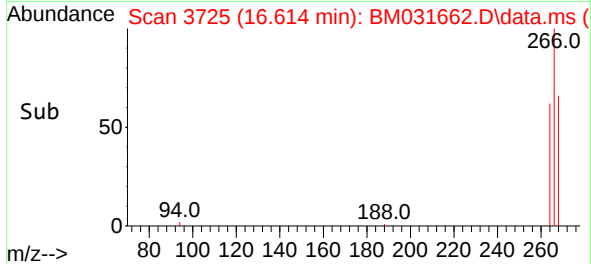
Instrument :
BNA_M
ClientSampled :
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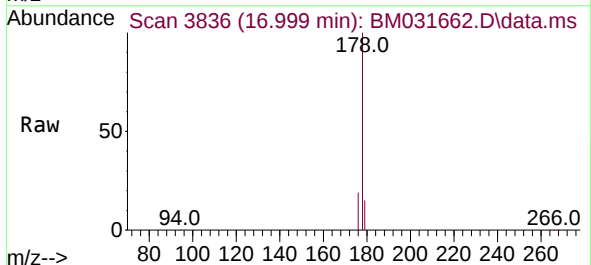
Tgt Ion	Ratio	Lower	Upper
266	100		
264	62.4	50.1	75.1
268	63.7	51.3	76.9

Manual Integrations
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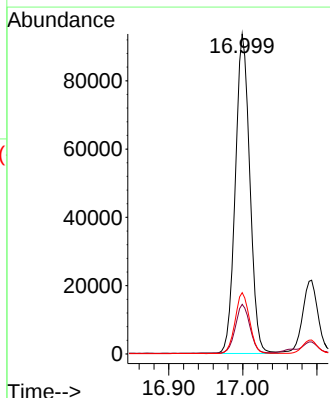
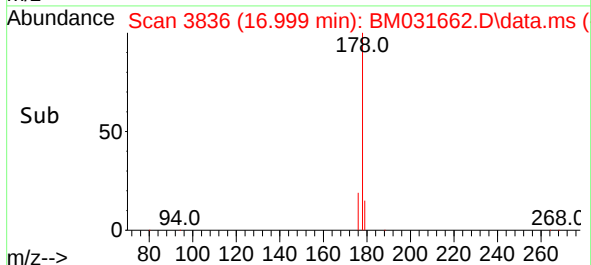
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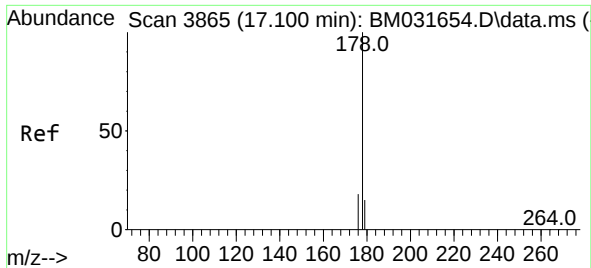


#15
Phenanthrene
Concen: 7.008 ng/ul
RT: 16.999 min Scan# 3836
Delta R.T. -0.007 min
Lab File: BM031662.D
Acq: 11 Aug 2021 16:16



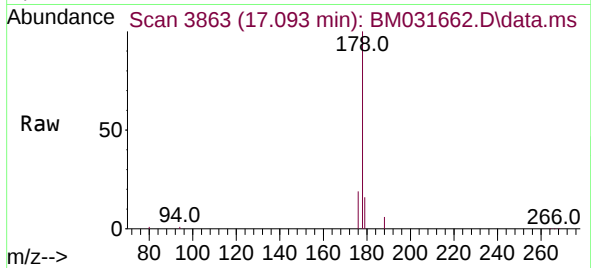
Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	13.3	19.9
176	19.2	16.2	24.4





#16
 Anthracene
 Concen: 1.734 ng/ul
 RT: 17.093 min Scan# 3863
 Delta R.T. -0.007 min
 Lab File: BM031662.D
 Acq: 11 Aug 2021 16:16

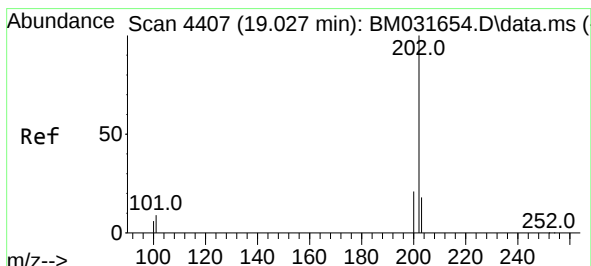
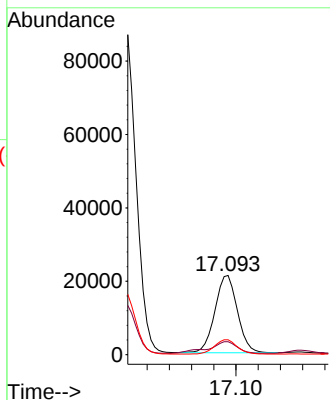
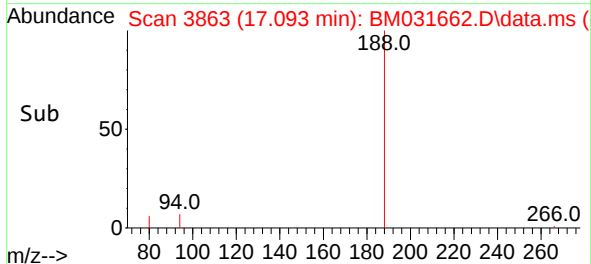
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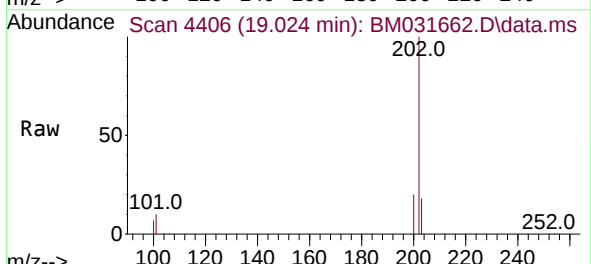
Tgt Ion:178 Resp: 29504
 Ion Ratio Lower Upper
 178 100
 179 16.3 13.0 19.6
 176 18.9 15.6 23.4

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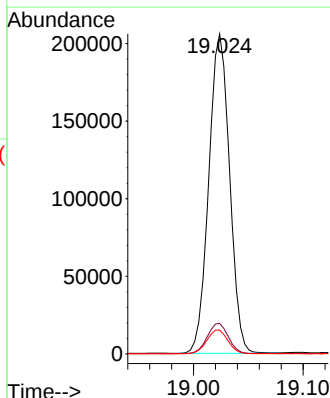
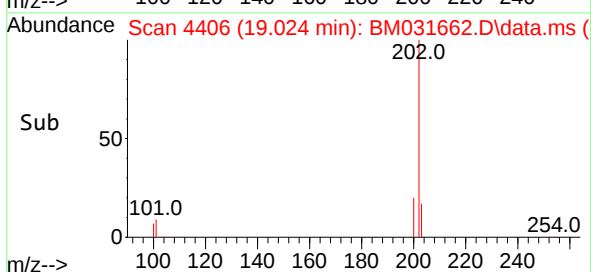
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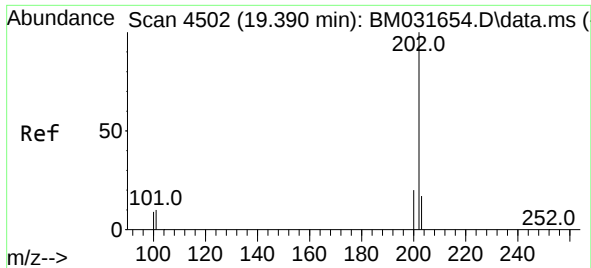


#19
 Fluoranthene
 Concen: 14.765 ng/ul
 RT: 19.024 min Scan# 4406
 Delta R.T. -0.004 min
 Lab File: BM031662.D
 Acq: 11 Aug 2021 16:16



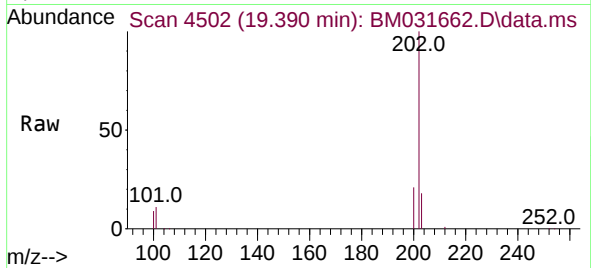
Tgt Ion:202 Resp: 271664
 Ion Ratio Lower Upper
 202 100
 101 9.6 6.6 10.0
 100 7.5 5.4 8.0





#20
Pyrene
Concen: 10.475 ng/ul
RT: 19.390 min Scan# 4502
Delta R.T. 0.000 min
Lab File: BM031662.D
Acq: 11 Aug 2021 16:16

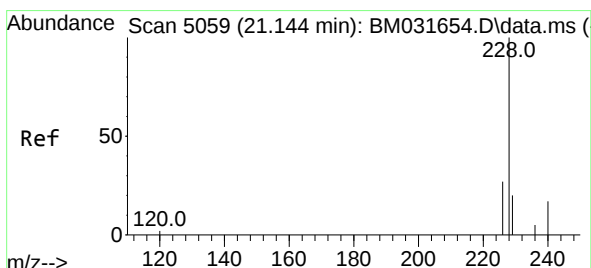
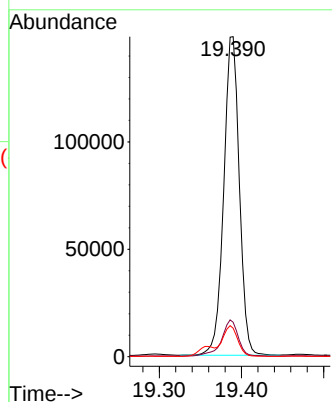
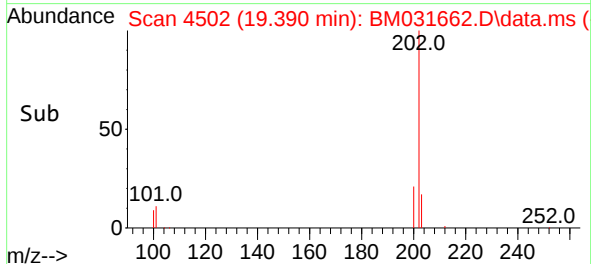
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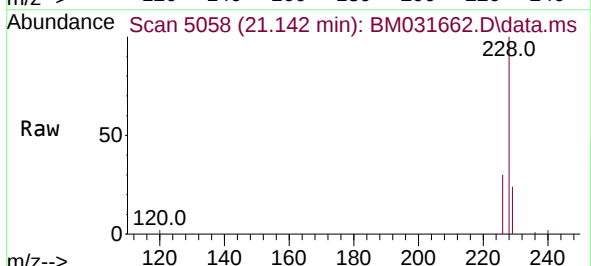
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Ion Ratio Lower Upper
202 100
101 10.8 7.8 11.6
100 8.9 6.6 10.0

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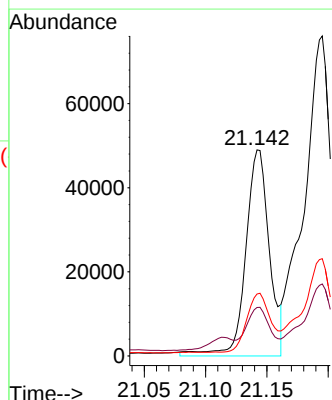
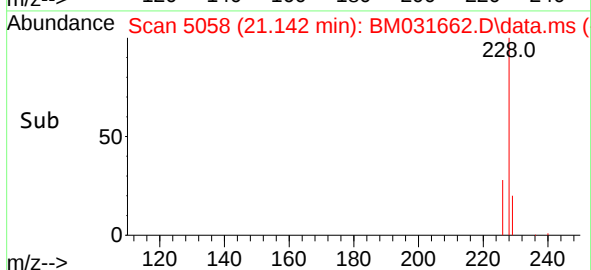
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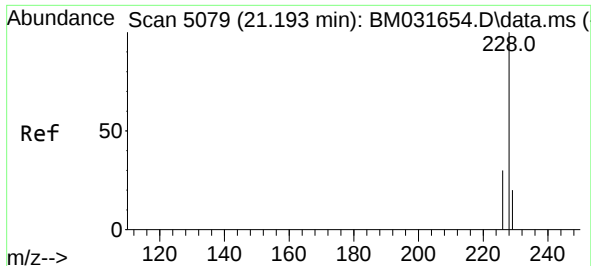


#21
Benzo(a)anthracene
Concen: 3.781 ng/ul m
RT: 21.142 min Scan# 5058
Delta R.T. -0.002 min
Lab File: BM031662.D
Acq: 11 Aug 2021 16:16

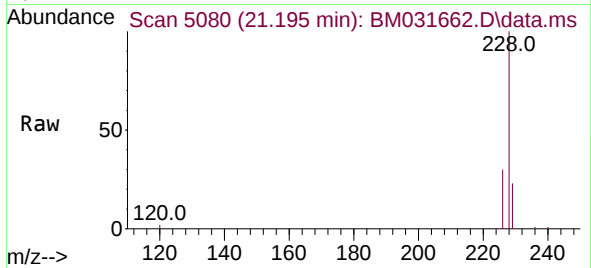


Tgt Ion:228 Resp: 65796
Ion Ratio Lower Upper
228 100
229 23.5 15.6 23.4#
226 30.1 21.7 32.5

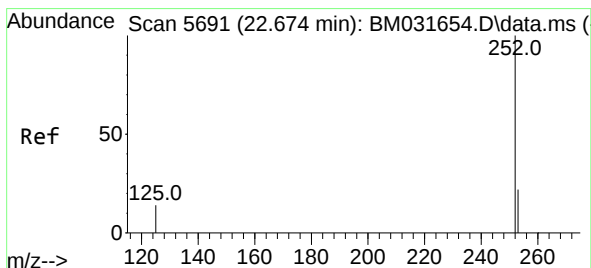
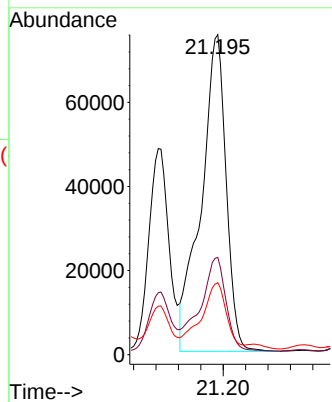
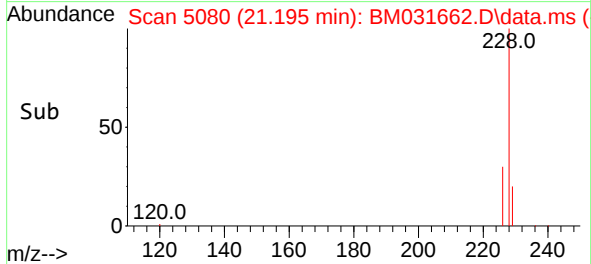




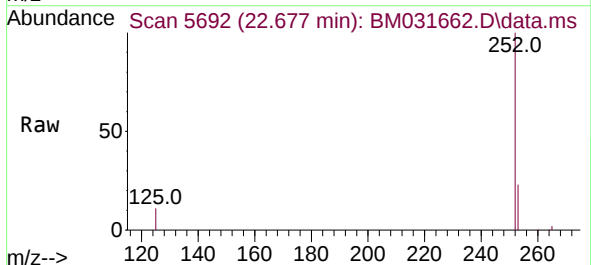
#22
Chrysene
Concen: 6.489 ng/ul
RT: 21.195 min Scan# 5080
Delta R.T. 0.003 min
Lab File: BM031662.D
Acq: 11 Aug 2021 16:16



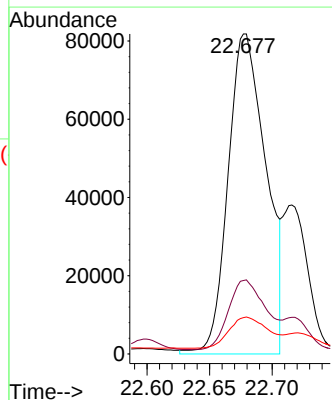
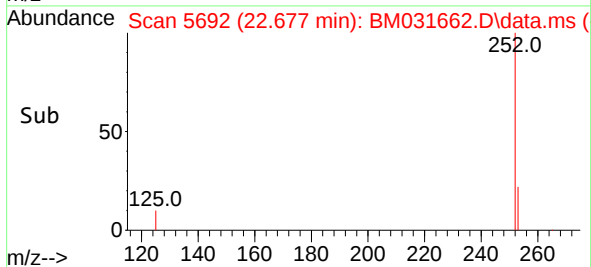
Tgt Ion:228 Resp: 116825
Ion Ratio Lower Upper
228 100
226 30.4 24.7 37.1
229 22.5 16.2 24.2



#24
Benzo(b)fluoranthene
Concen: 8.933 ng/ul m
RT: 22.677 min Scan# 5692
Delta R.T. 0.003 min
Lab File: BM031662.D
Acq: 11 Aug 2021 16:16



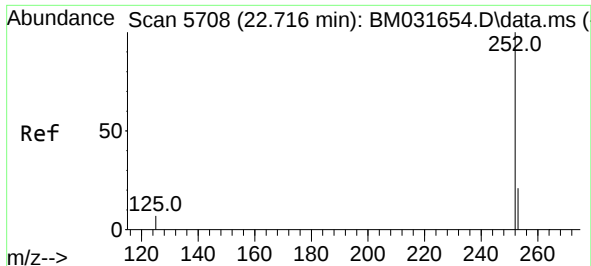
Tgt Ion:252 Resp: 172428
Ion Ratio Lower Upper
252 100
253 22.9 0.0 53.0
125 11.4 0.0 22.8



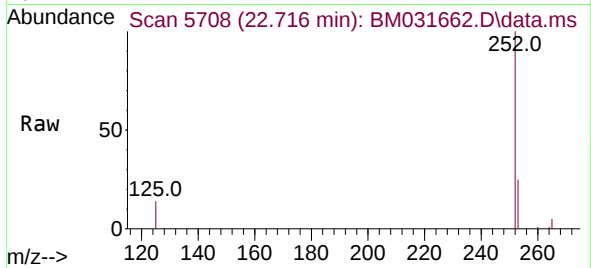
Instrument :
BNA_M
ClientSampled :
C0AB0

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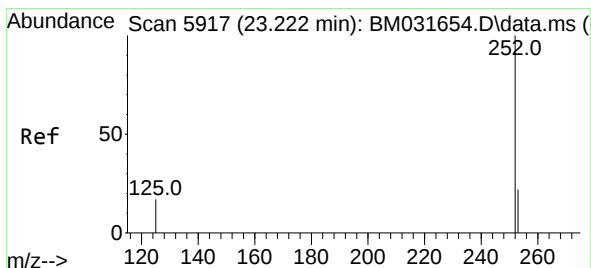
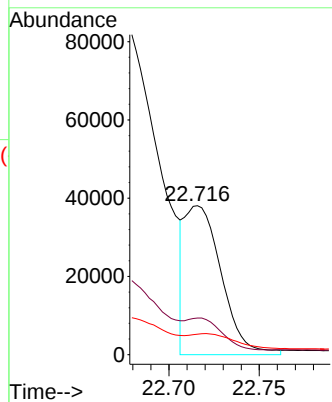
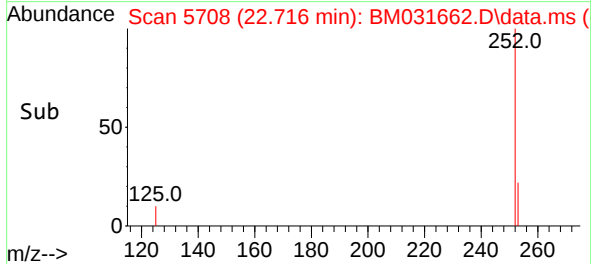
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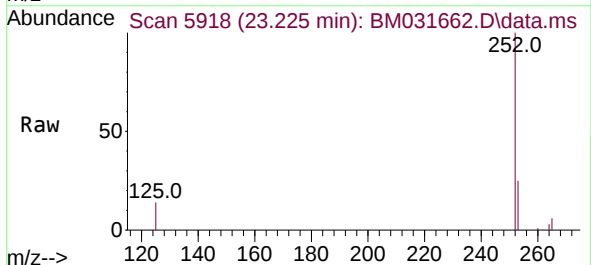
#25
Benzo(k)fluoranthene
Concen: 2.712 ng/ul m
RT: 22.716 min Scan# 5708
Delta R.T. 0.000 min
Lab File: BM031662.D
Acq: 11 Aug 2021 16:16



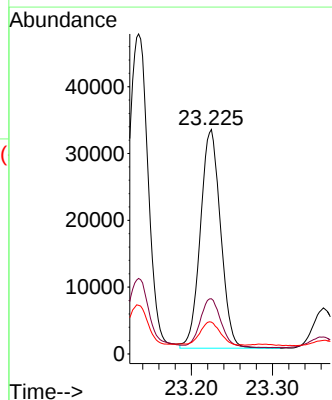
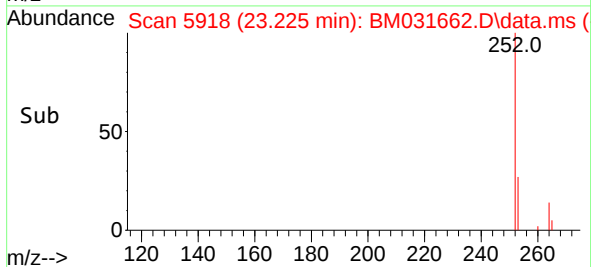
Tgt Ion:252 Resp: 54084
Ion Ratio Lower Upper
252 100
253 24.6 21.3 31.9
125 13.8 8.8 13.2#



#26
Benzo(a)pyrene
Concen: 3.344 ng/ul
RT: 23.225 min Scan# 5918
Delta R.T. 0.003 min
Lab File: BM031662.D
Acq: 11 Aug 2021 16:16



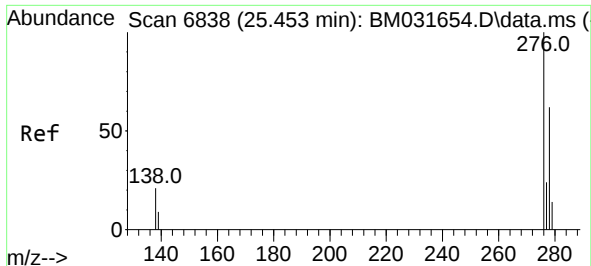
Tgt Ion:252 Resp: 56528
Ion Ratio Lower Upper
252 100
253 24.6 22.4 33.6
125 14.2 13.0 19.4



Instrument :
BNA_M
ClientSampled :
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#27

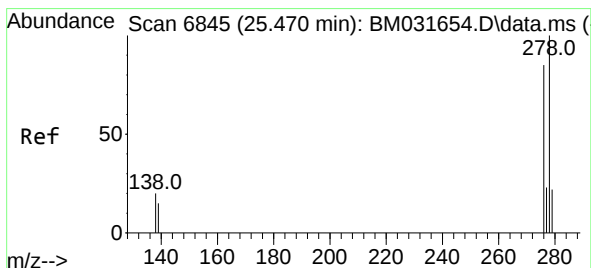
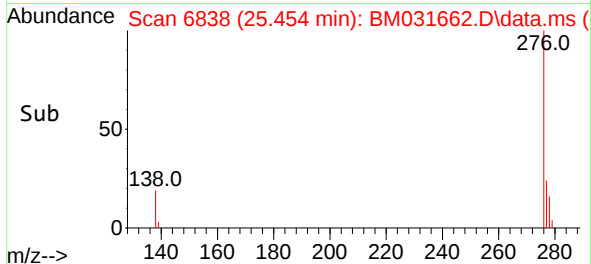
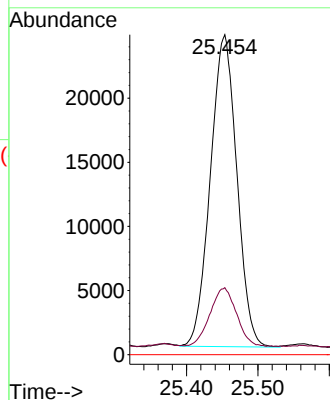
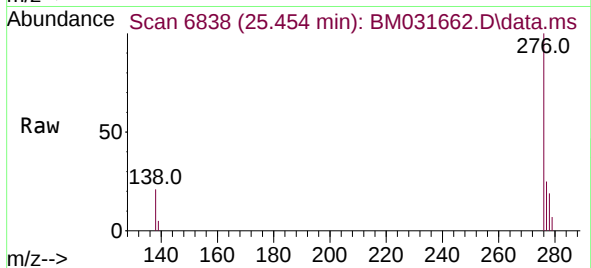
Indeno(1,2,3-cd)pyrene
Concen: 2.868 ng/ul
RT: 25.454 min Scan# 6838
Delta R.T. 0.000 min
Lab File: BM031662.D
Acq: 11 Aug 2021 16:16

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.1	15.8	23.8
227	0.0	0.0	0.0

Instrument :
BNA_M
ClientSampled :
C0AB0

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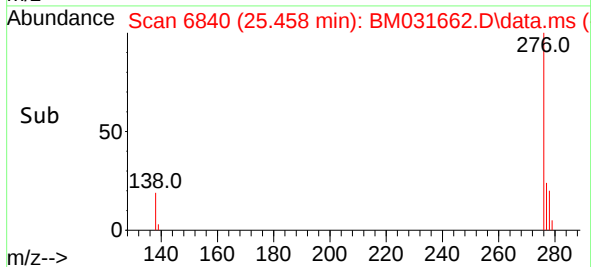
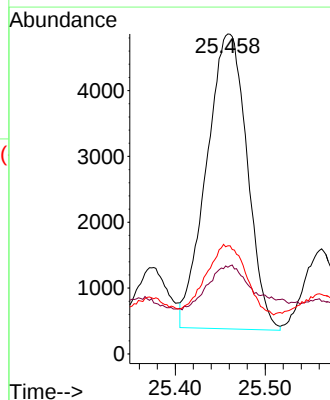
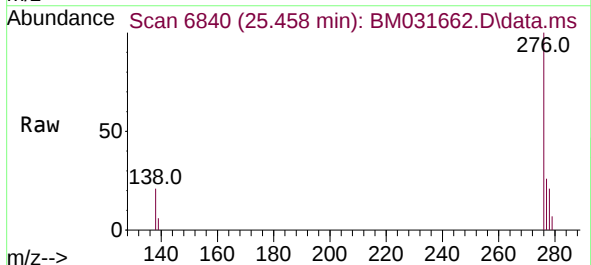
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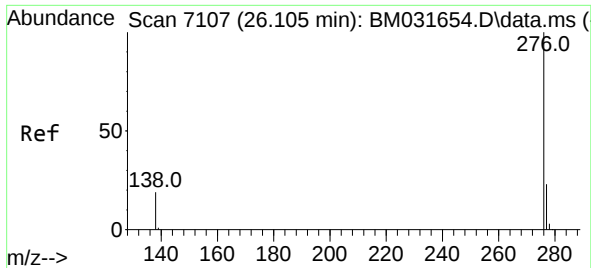


#28

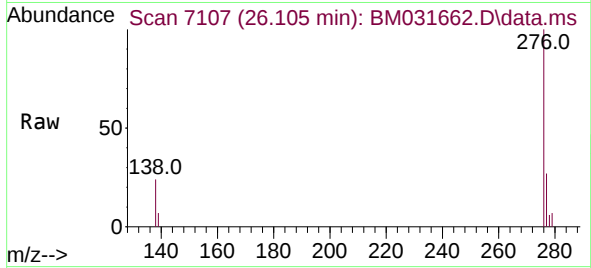
Dibenzo(a,h)anthracene
Concen: 0.797 ng/ul
RT: 25.458 min Scan# 6840
Delta R.T. -0.012 min
Lab File: BM031662.D
Acq: 11 Aug 2021 16:16

Tgt Ion	Ratio	Lower	Upper
278	100		
139	27.1	13.3	19.9#
279	33.8	22.8	34.2

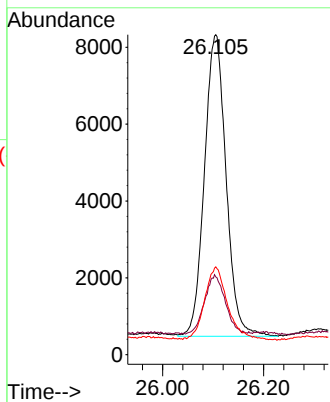
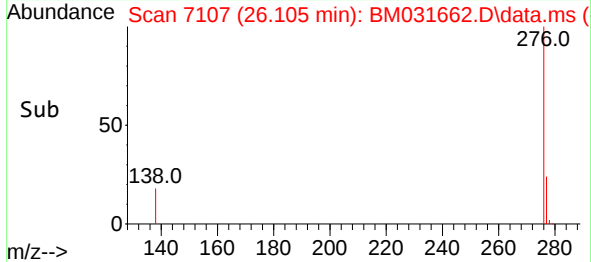




#29
Benzo(g,h,i)perylene
Concen: 1.255 ng/ul
RT: 26.105 min Scan# 7107
Delta R.T. 0.000 min
Lab File: BM031662.D
Acq: 11 Aug 2021 16:16



Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.3	15.4	23.2#
277	27.5	19.9	29.9



Instrument :
BNA_M
ClientSampleId :
C0AB0

Manual Integrations
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