

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081221\
 Data File : BM031676.D
 Acq On : 12 Aug 2021 14:23
 Operator : CG/JU
 Sample : M3182-19
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00D7

Manual Integrations
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Quant Time: Aug 12 14:53:14 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 : Thu Aug 12 11:28:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.573	152	1317	0.400	ng/ul	0.00
4) Naphthalene-d8	10.334	136	4702	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.205	164	2597	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.954	188	4770	0.400	ng/ul #	0.00
17) Chrysene-d12	21.156	240	4033	0.400	ng/ul #	0.00
23) Perylene-d12	23.314	264	3916	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.182	96	3517	2.404	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.926	152	1296	0.164	ng/ul	0.00
18) Fluoranthene-d10	18.989	212	2438	0.181	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.379	128	4373	0.312	ng/ul	99
7) 2-Methylnaphthalene	12.002	142	3506	0.366	ng/ul	99
8) 1-Methylnaphthalene	12.227	142	2146	0.227	ng/ul	99
10) Acenaphthylene	13.927	152	17985	1.626	ng/ul	98
11) Acenaphthene	14.269	153	1708	0.183	ng/ul	98
12) Fluorene	15.263	166	2897	0.270	ng/ul#	97
15) Phenanthrene	16.999	178	129421	8.544	ng/ul	97
16) Anthracene	17.089	178	17365	1.225	ng/ul	99
19) Fluoranthene	19.020	202	273087	15.858	ng/ul#	96
20) Pyrene	19.386	202	201648	11.544	ng/ul	97
21) Benzo(a)anthracene	21.139	228	94269	5.789	ng/ul	97
22) Chrysene	21.193	228	114831	6.815	ng/ul	98
24) Benzo(b)fluoranthene	22.677	252	157276m	8.914	ng/ul	
25) Benzo(k)fluoranthene	22.713	252	56650m	3.108	ng/ul	
26) Benzo(a)pyrene	23.222	252	98043m	6.345	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.449	276	71119	3.560	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.458	278	17111	1.063	ng/ul#	94
29) Benzo(g,h,i)perylene	26.103	276	19626	1.152	ng/ul	96

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

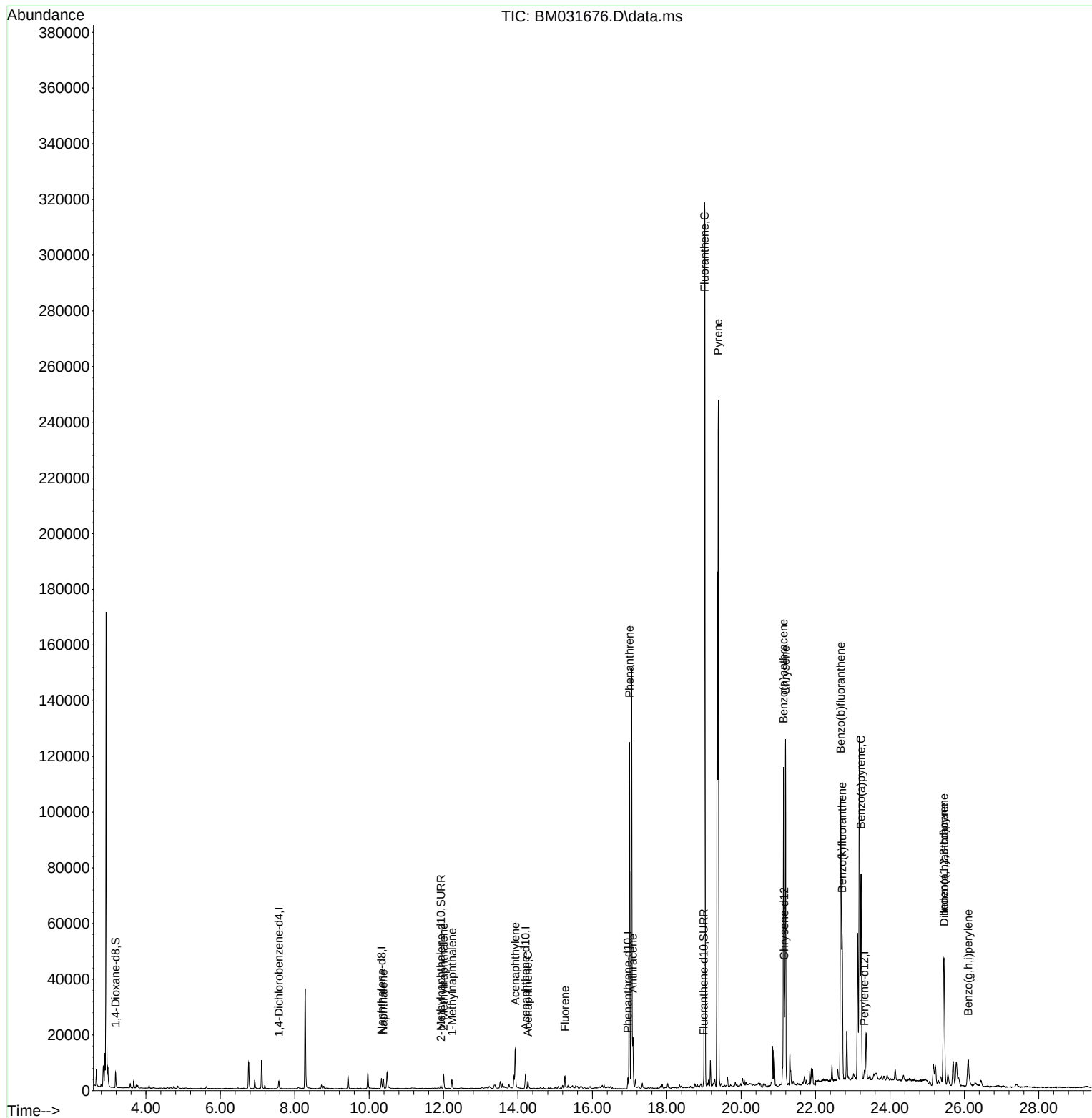
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081221\
Data File : BM031676.D
Acq On : 12 Aug 2021 14:23
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ALS Vial : 10 Sample Multiplier: 1

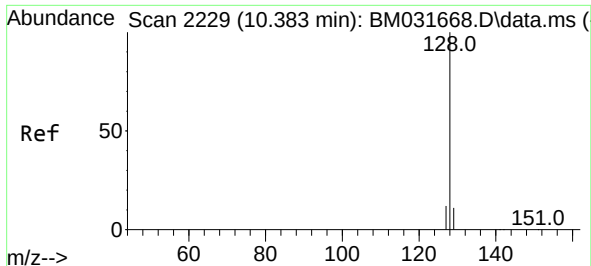
Instrument :
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Quant Time: Aug 12 14:53:14 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 12 11:28:10 2021
Response via : Initial Calibration

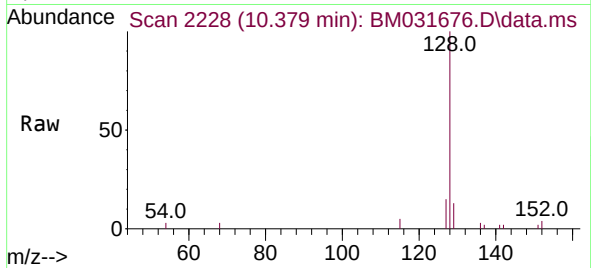
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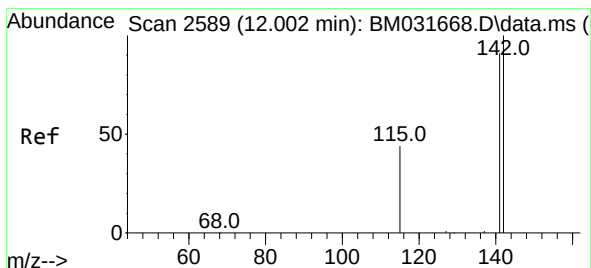
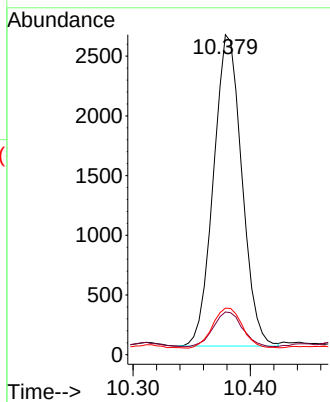
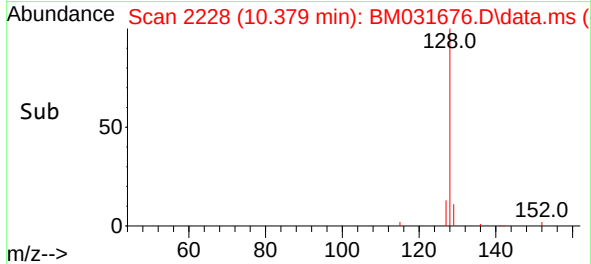




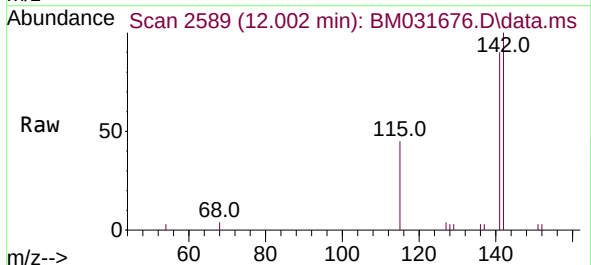
#5
Naphthalene
Concen: 0.312 ng/ul
RT: 10.379 min Scan# 2228
Delta R.T. -0.005 min
Lab File: BM031676.D
Acq: 12 Aug 2021 14:23



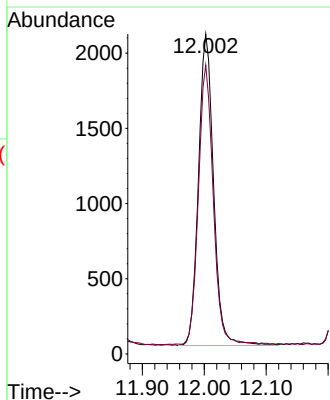
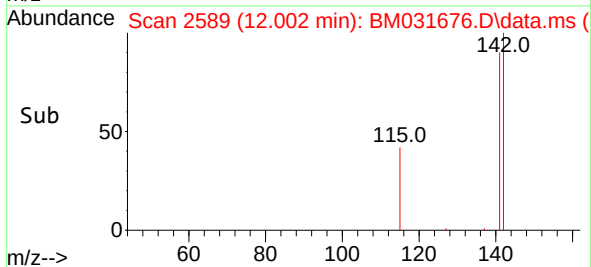
Tgt Ion	Ratio	Lower	Upper
128	100		
129	13.4	10.0	15.0
127	14.6	11.6	17.4



#7
2-Methylnaphthalene
Concen: 0.366 ng/ul
RT: 12.002 min Scan# 2589
Delta R.T. -0.000 min
Lab File: BM031676.D
Acq: 12 Aug 2021 14:23



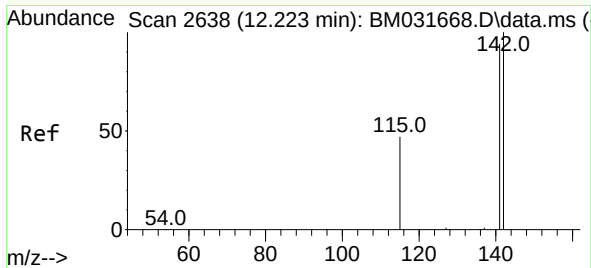
Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.4	107.0



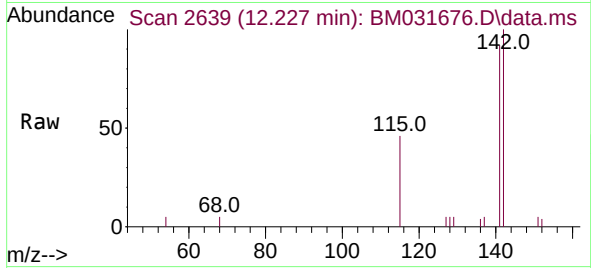
Instrument :
BNA_M
ClientSampleId :
C00D7

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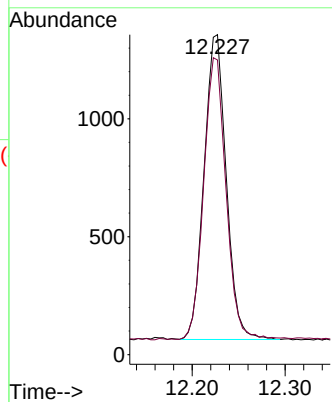
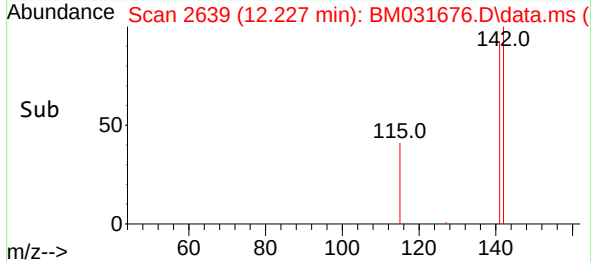
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#8
1-Methylnaphthalene
Concen: 0.227 ng/ul
RT: 12.227 min Scan# 2639
Delta R.T. 0.004 min
Lab File: BM031676.D
Acq: 12 Aug 2021 14:23



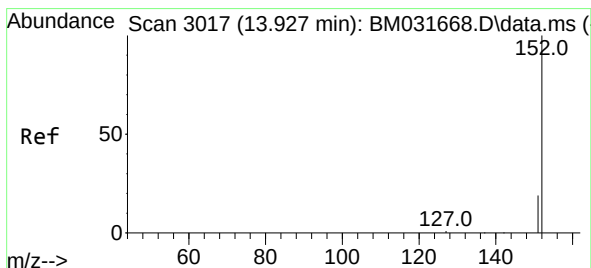
Tgt Ion:142 Resp: 2146
Ion Ratio Lower Upper
142 100
141 93.3 74.1 111.1



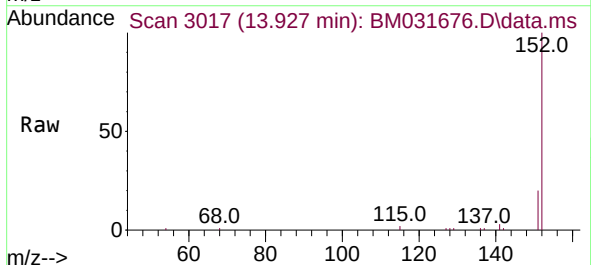
Instrument :
BNA_M
ClientSampled :
C00D7

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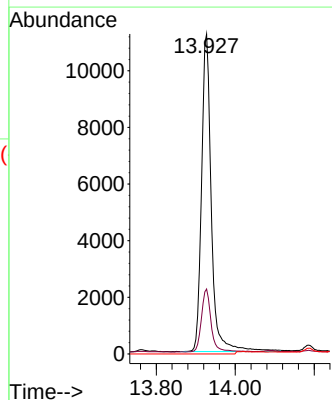
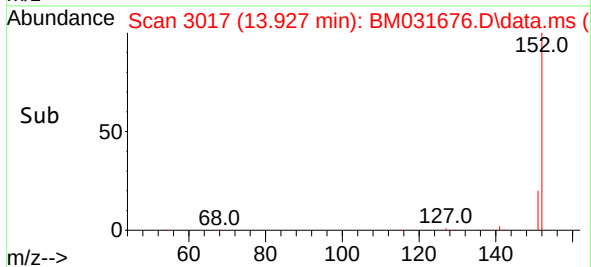
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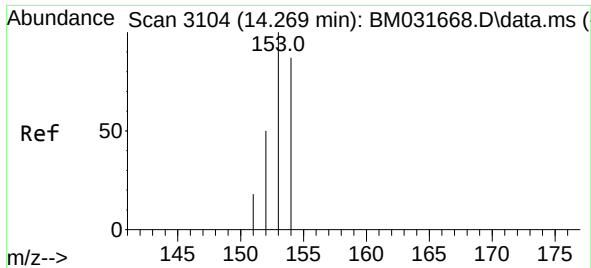


#10
Acenaphthylene
Concen: 1.626 ng/ul
RT: 13.927 min Scan# 3017
Delta R.T. -0.000 min
Lab File: BM031676.D
Acq: 12 Aug 2021 14:23



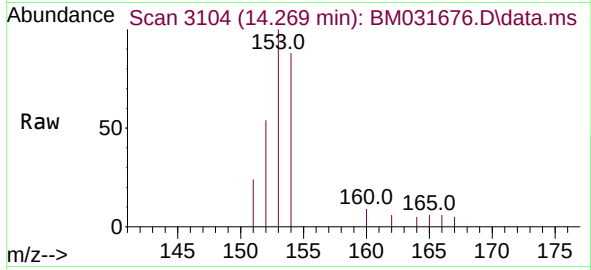
Tgt Ion:152 Resp: 17985
Ion Ratio Lower Upper
152 100
151 20.3 16.9 25.3
153 0.0 0.0 0.0





#11
Acenaphthene
Concen: 0.183 ng/ul
RT: 14.269 min Scan# 3104
Delta R.T. -0.000 min
Lab File: BM031676.D
Acq: 12 Aug 2021 14:23

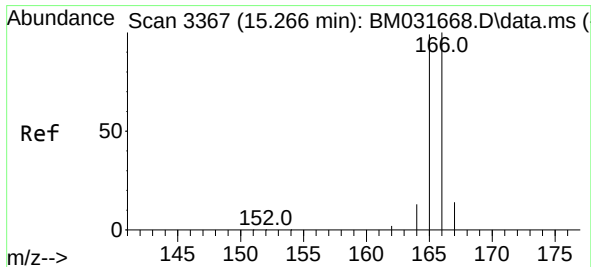
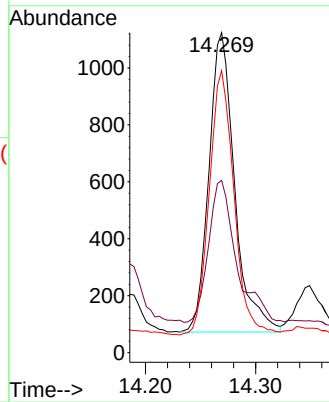
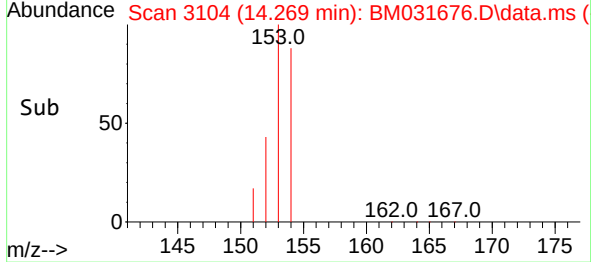
Instrument :
BNA_M
ClientSampled :
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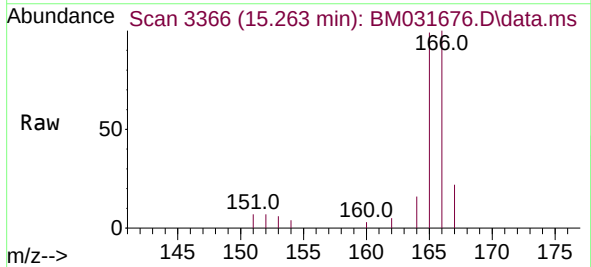
Tgt Ion:153 Resp: 1708
Ion Ratio Lower Upper
153 100
152 53.8 40.7 61.1
154 88.2 70.2 105.2

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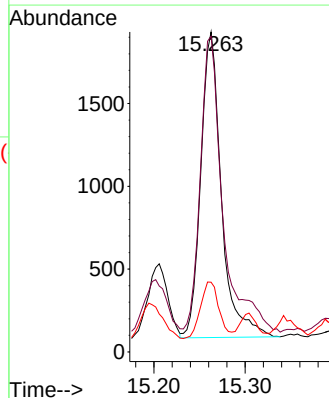
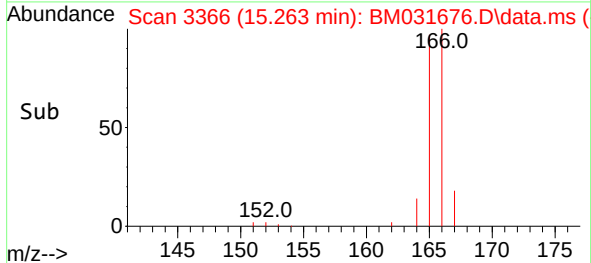
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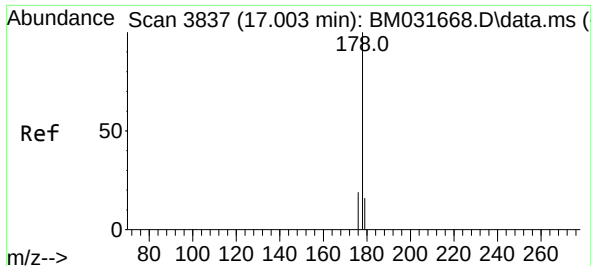


#12
Fluorene
Concen: 0.270 ng/ul
RT: 15.263 min Scan# 3366
Delta R.T. -0.004 min
Lab File: BM031676.D
Acq: 12 Aug 2021 14:23



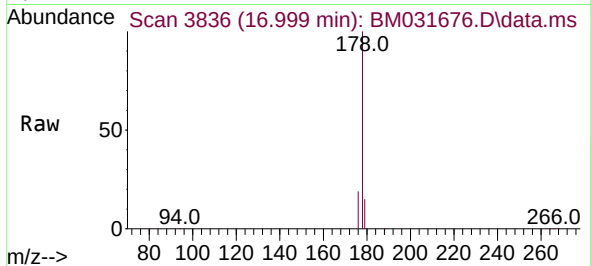
Tgt Ion:166 Resp: 2897
Ion Ratio Lower Upper
166 100
165 98.6 78.0 117.0
167 21.8 12.0 18.0#





#15
Phenanthrene
Concen: 8.544 ng/ul
RT: 16.999 min Scan# 3836
Delta R.T. -0.004 min
Lab File: BM031676.D
Acq: 12 Aug 2021 14:23

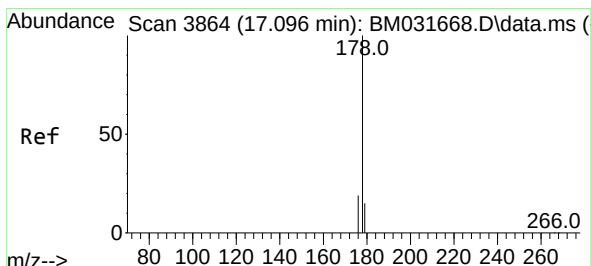
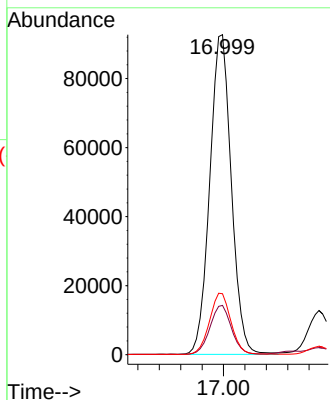
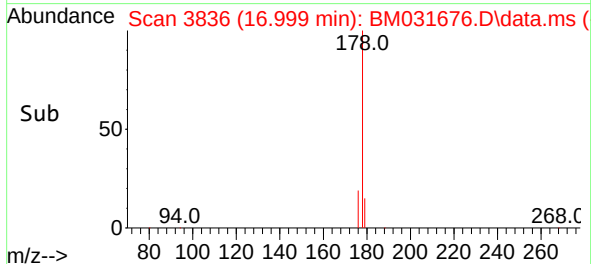
Instrument :
BNA_M
ClientSampled :
C00D7



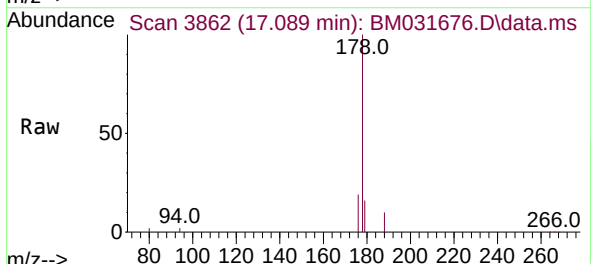
Tgt Ion:178 Resp: 129421
Ion Ratio Lower Upper
178 100
179 15.4 13.3 19.9
176 19.0 16.2 24.4

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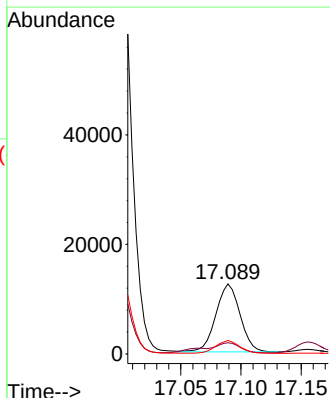
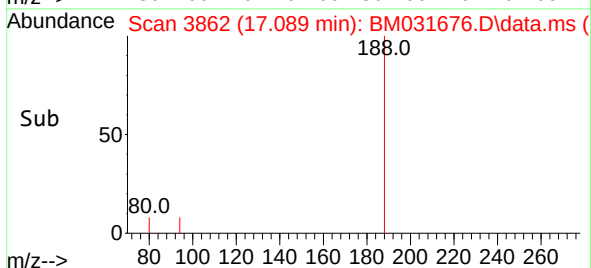
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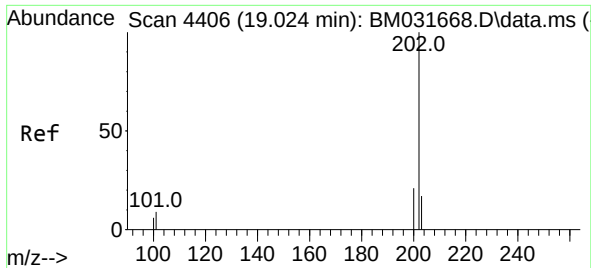


#16
Anthracene
Concen: 1.225 ng/ul
RT: 17.089 min Scan# 3862
Delta R.T. -0.007 min
Lab File: BM031676.D
Acq: 12 Aug 2021 14:23



Tgt Ion:178 Resp: 17365
Ion Ratio Lower Upper
178 100
179 16.0 13.0 19.6
176 19.1 15.6 23.4





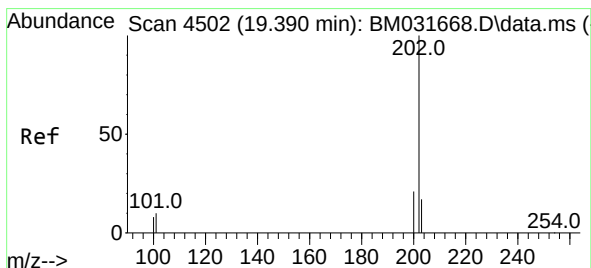
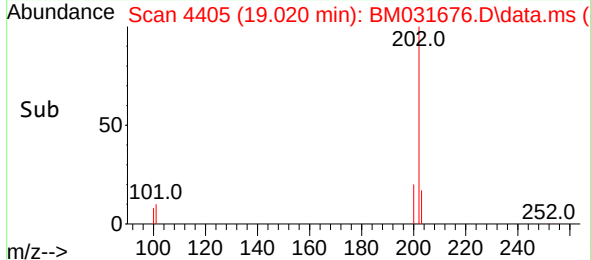
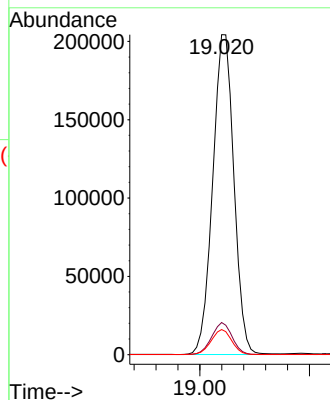
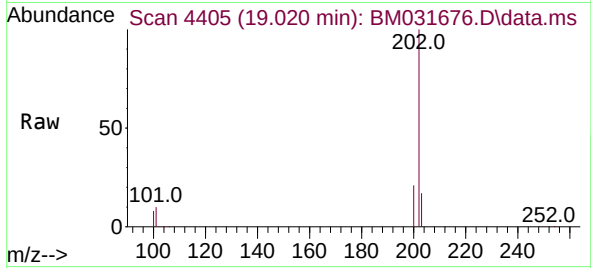
#19
Fluoranthene
Concen: 15.858 ng/ul
RT: 19.020 min Scan# 4405
Delta R.T. -0.004 min
Lab File: BM031676.D
Acq: 12 Aug 2021 14:23

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.0	6.6	10.0#
100	7.9	5.4	8.0

Instrument :
BNA_M
ClientSampled :
C00D7

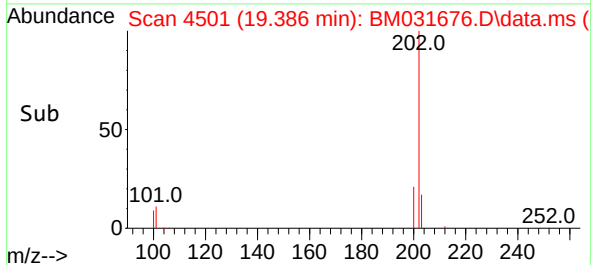
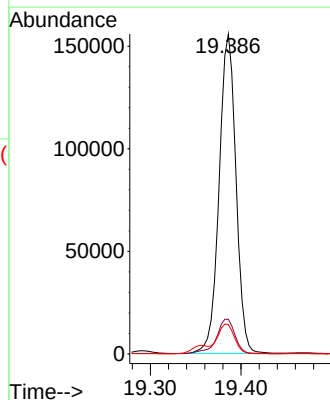
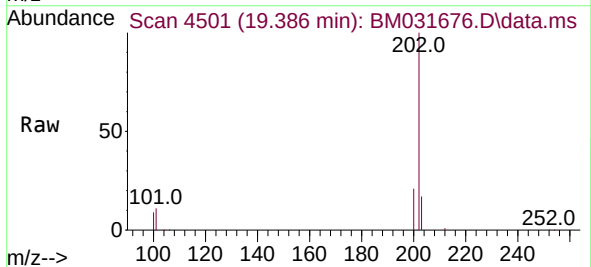
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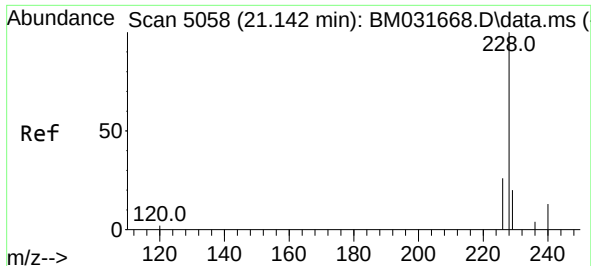
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#20
Pyrene
Concen: 11.544 ng/ul
RT: 19.386 min Scan# 4501
Delta R.T. -0.004 min
Lab File: BM031676.D
Acq: 12 Aug 2021 14:23

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.9	7.8	11.6
100	9.2	6.6	10.0





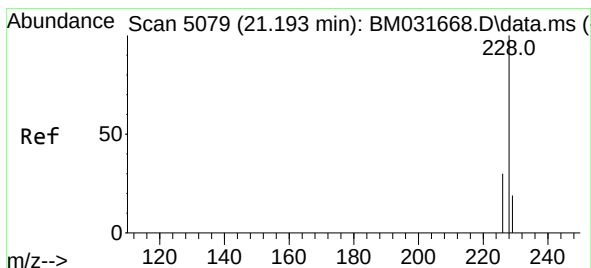
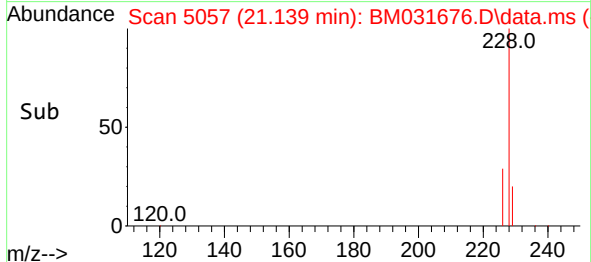
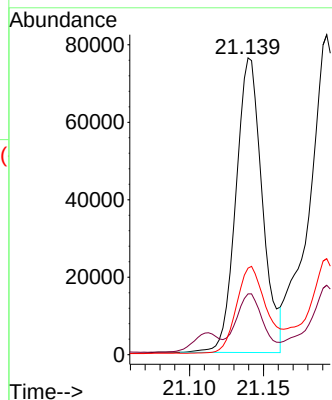
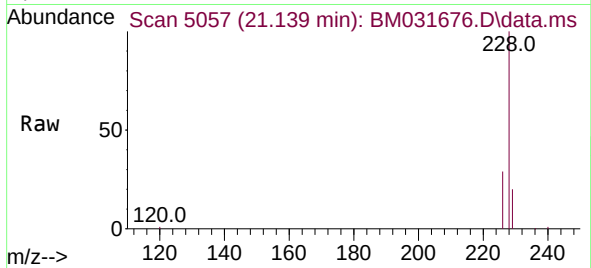
#21
Benzo(a)anthracene
Concen: 5.789 ng/ul
RT: 21.139 min Scan# 5057
Delta R.T. -0.002 min
Lab File: BM031676.D
Acq: 12 Aug 2021 14:23

Tgt Ion:	228	Resp:	94269
Ion Ratio	Lower	Upper	
228	100		
229	20.5	15.6	23.4
226	29.1	21.7	32.5

Instrument :
BNA_M
ClientSampleId :
C00D7

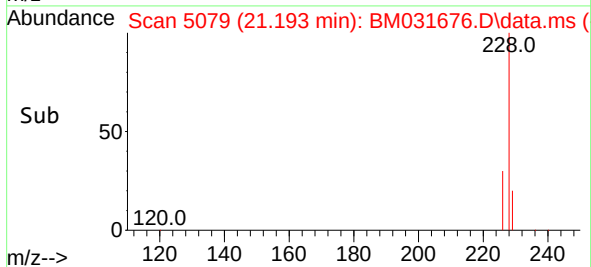
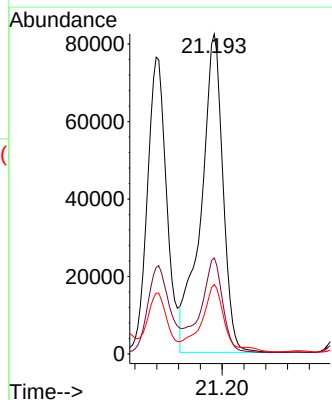
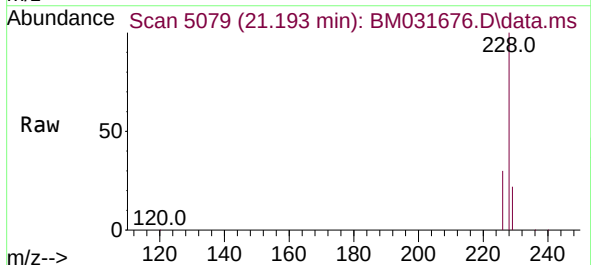
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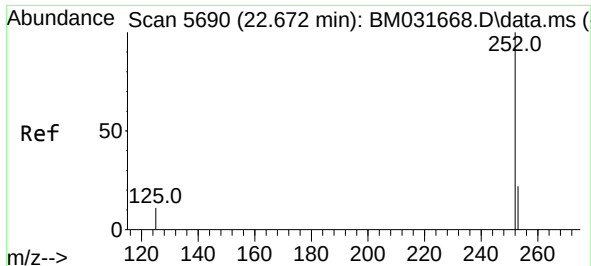
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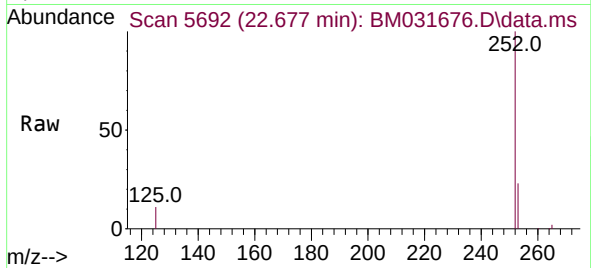
#22
Chrysene
Concen: 6.815 ng/ul
RT: 21.193 min Scan# 5079
Delta R.T. -0.000 min
Lab File: BM031676.D
Acq: 12 Aug 2021 14:23

Tgt Ion:	228	Resp:	114831
Ion Ratio	Lower	Upper	
228	100		
226	30.0	24.7	37.1
229	21.7	16.2	24.2

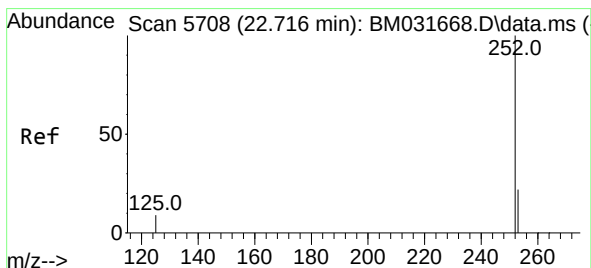
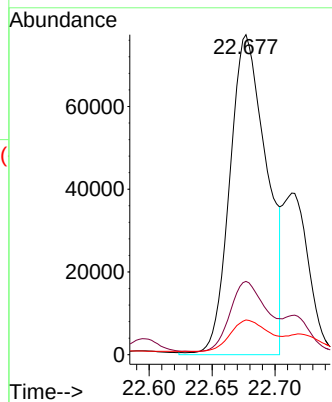
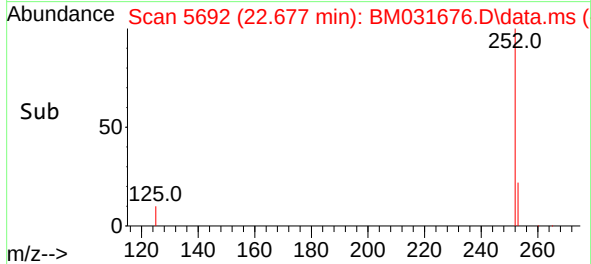




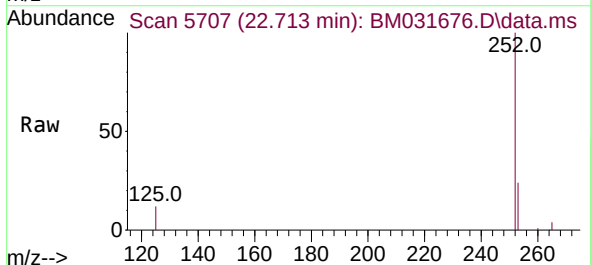
#24
Benzo(b)fluoranthene
Concen: 8.914 ng/ul m
RT: 22.677 min Scan# 5692
Delta R.T. 0.005 min
Lab File: BM031676.D
Acq: 12 Aug 2021 14:23



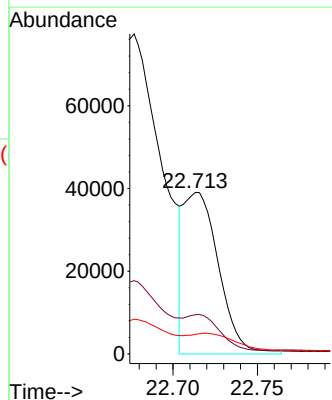
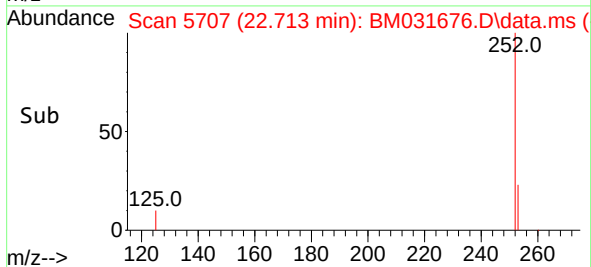
Tgt Ion:252 Resp: 157276
Ion Ratio Lower Upper
252 100
253 22.9 0.0 53.0
125 10.8 0.0 22.8



#25
Benzo(k)fluoranthene
Concen: 3.108 ng/ul m
RT: 22.713 min Scan# 5707
Delta R.T. -0.003 min
Lab File: BM031676.D
Acq: 12 Aug 2021 14:23



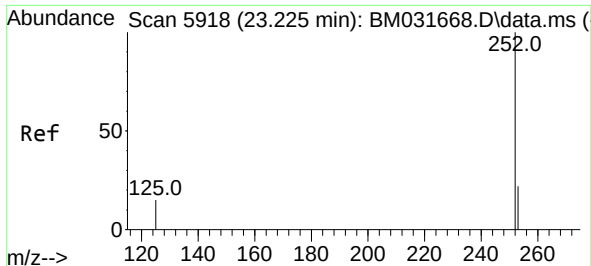
Tgt Ion:252 Resp: 56650
Ion Ratio Lower Upper
252 100
253 24.2 21.3 31.9
125 12.2 8.8 13.2



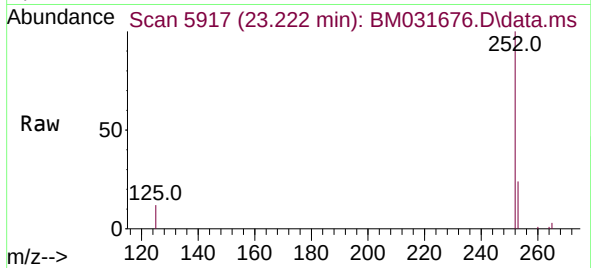
Instrument :
BNA_M
ClientSampled :
C00D7

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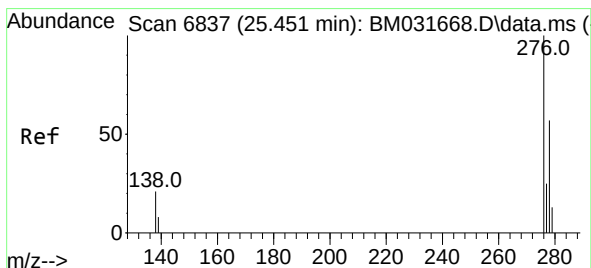
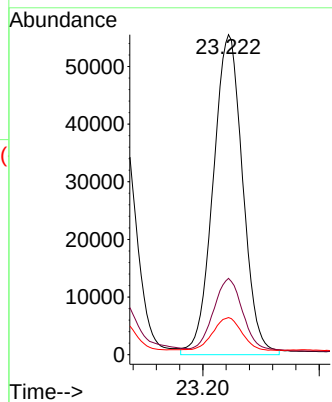
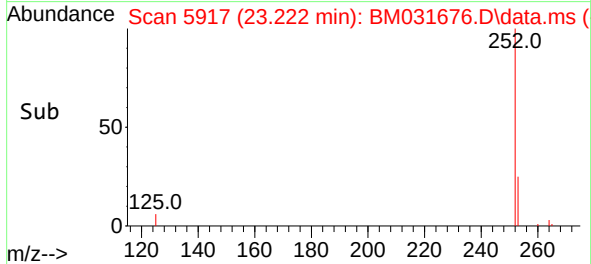
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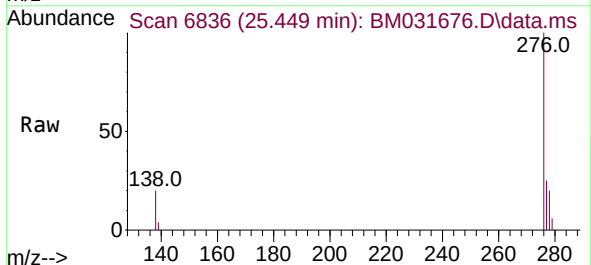
#26
Benzo(a)pyrene
Concen: 6.345 ng/ul m
RT: 23.222 min Scan# 5917
Delta R.T. -0.003 min
Lab File: BM031676.D
Acq: 12 Aug 2021 14:23



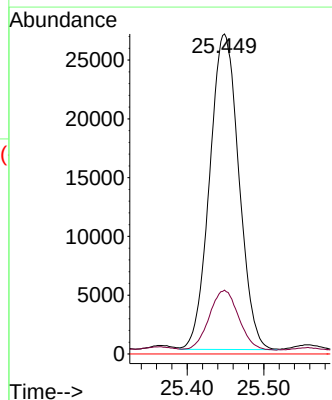
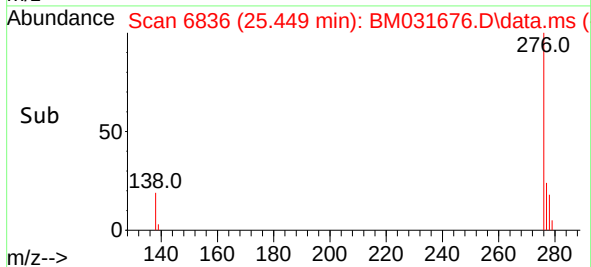
Tgt Ion:252 Resp: 98043
Ion Ratio Lower Upper
252 100
253 23.9 22.4 33.6
125 11.6 13.0 19.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 3.560 ng/ul
RT: 25.449 min Scan# 6836
Delta R.T. -0.003 min
Lab File: BM031676.D
Acq: 12 Aug 2021 14:23



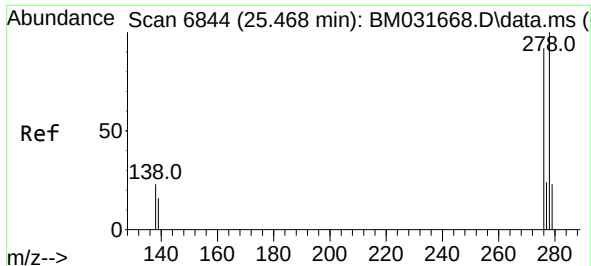
Tgt Ion:276 Resp: 71119
Ion Ratio Lower Upper
276 100
138 19.3 15.8 23.8
227 0.0 0.0 0.0



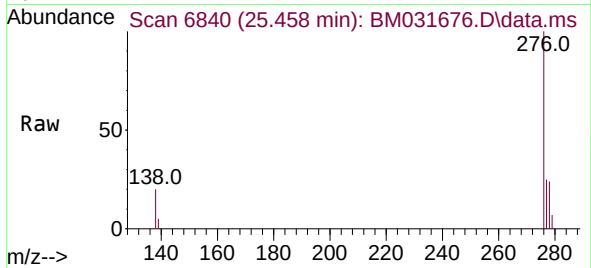
Instrument :
BNA_M
ClientSampleId :
C00D7

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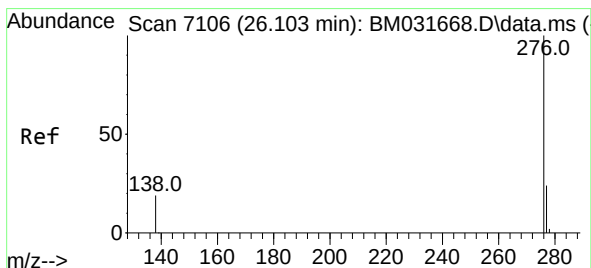
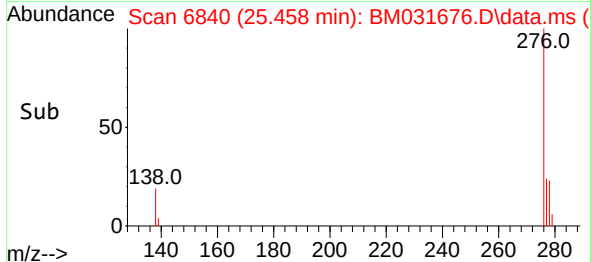
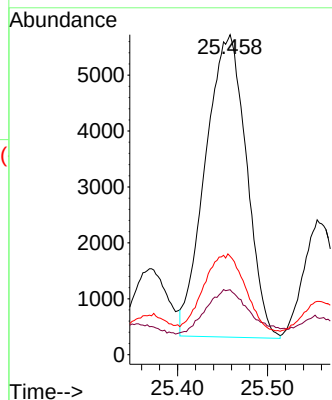
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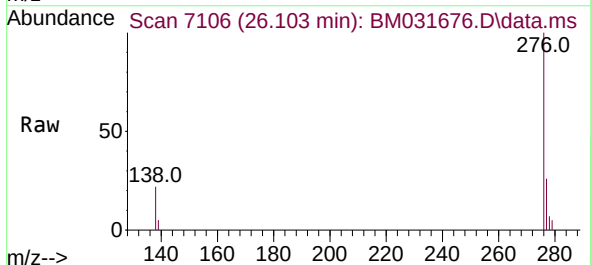
#28
Dibenzo(a,h)anthracene
Concen: 1.063 ng/ul
RT: 25.458 min Scan# 6840
Delta R.T. -0.010 min
Lab File: BM031676.D
Acq: 12 Aug 2021 14:23



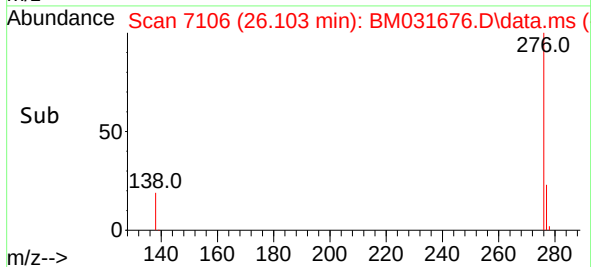
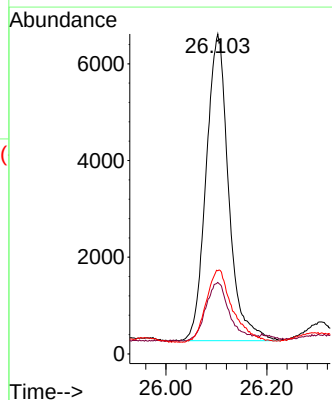
Tgt Ion:278 Resp: 17111
Ion Ratio Lower Upper
278 100
139 20.3 13.3 19.9#
279 30.7 22.8 34.2



#29
Benzo(g,h,i)perylene
Concen: 1.152 ng/ul
RT: 26.103 min Scan# 7106
Delta R.T. -0.000 min
Lab File: BM031676.D
Acq: 12 Aug 2021 14:23



Tgt Ion:276 Resp: 19626
Ion Ratio Lower Upper
276 100
138 22.4 15.4 23.2
277 26.0 19.9 29.9



Instrument :
BNA_M
ClientSampleId :
C00D7

Manual Integrations
APPROVED

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