

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081221\
 Data File : BM031686.D
 Acq On : 12 Aug 2021 20:39
 Operator : CG/JU
 Sample : M3182-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00C4

Manual Integrations
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Quant Time: Aug 13 01:01:53 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 17:28:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.573	152	1192	0.400	ng/ul	0.00
4) Naphthalene-d8	10.329	136	4366	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.205	164	2611	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.954	188	4826	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.152	240	4001	0.400	ng/ul	# 0.00
23) Perylene-d12	23.307	264	3963	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.182	96	3724	2.813	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.926	152	1571	0.214	ng/ul	0.00
18) Fluoranthene-d10	18.989	212	3332	0.250	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.379	128	13134	1.010	ng/ul	98
7) 2-Methylnaphthalene	12.002	142	9258	1.042	ng/ul	99
8) 1-Methylnaphthalene	12.223	142	5704	0.650	ng/ul	100
10) Acenaphthylene	13.923	152	15514	1.395	ng/ul	99
11) Acenaphthene	14.265	153	1856	0.198	ng/ul	96
12) Fluorene	15.259	166	4412	0.410	ng/ul#	93
15) Phenanthrene	16.996	178	109833	7.167	ng/ul	97
16) Anthracene	17.089	178	21872	1.524	ng/ul	99
19) Fluoranthene	19.020	202	251575	14.725	ng/ul	98
20) Pyrene	19.382	202	204462	11.799	ng/ul	96
21) Benzo(a)anthracene	21.135	228	105670	6.540	ng/ul	97
22) Chrysene	21.188	228	117212	7.012	ng/ul	97
24) Benzo(b)fluoranthene	22.670	252	159713m	8.945	ng/ul	
25) Benzo(k)fluoranthene	22.706	252	51981m	2.818	ng/ul	
26) Benzo(a)pyrene	23.215	252	95526m	6.109	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.439	276	70917	3.508	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.444	278	17517	1.075	ng/ul	95
29) Benzo(g,h,i)perylene	26.086	276	18900	1.096	ng/ul	97

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

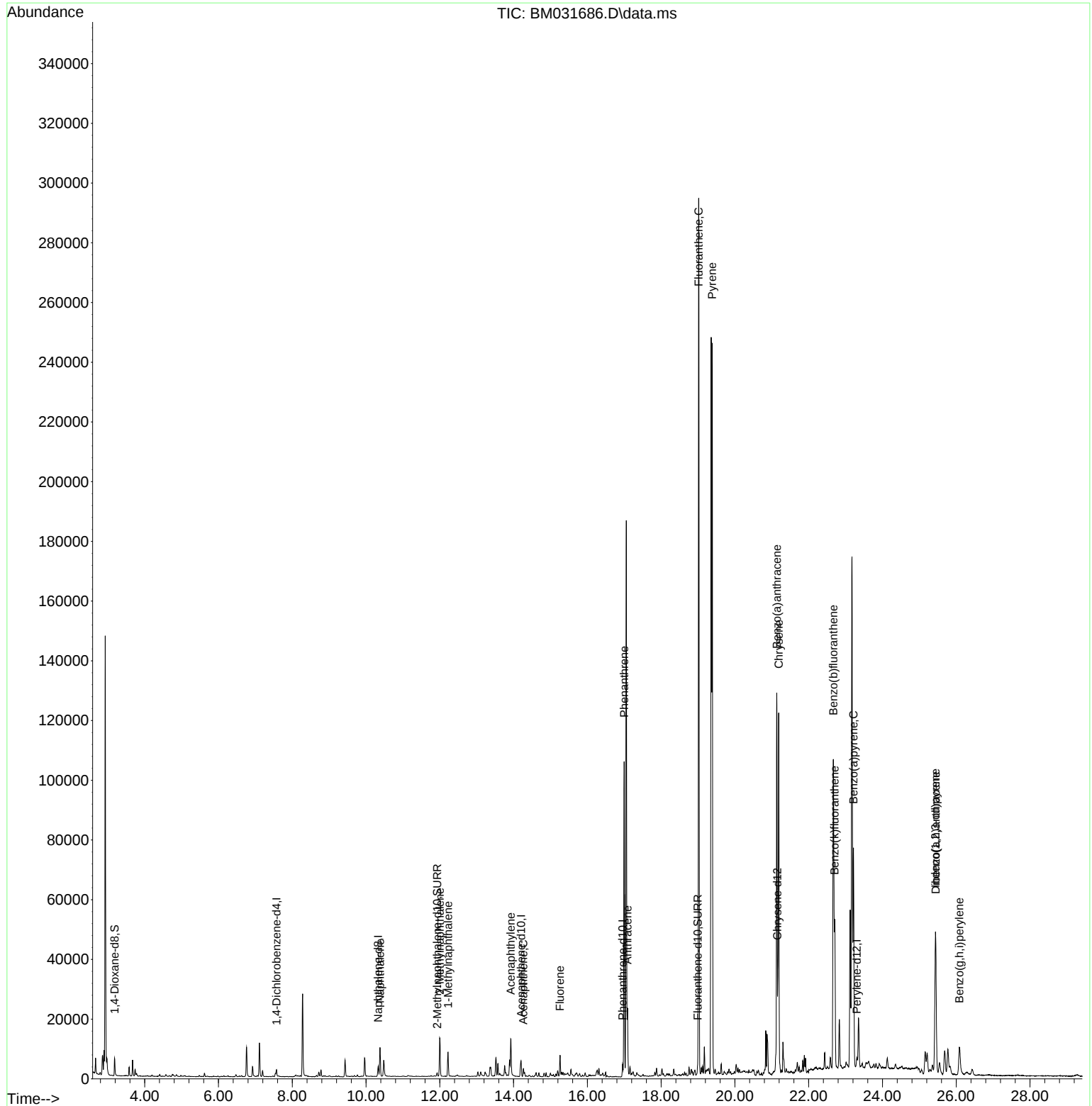
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081221\
Data File : BM031686.D
Acq On : 12 Aug 2021 20:39
Operator : CG/JU
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ALS Vial : 18 Sample Multiplier: 1

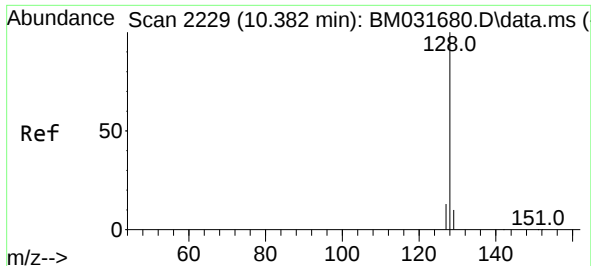
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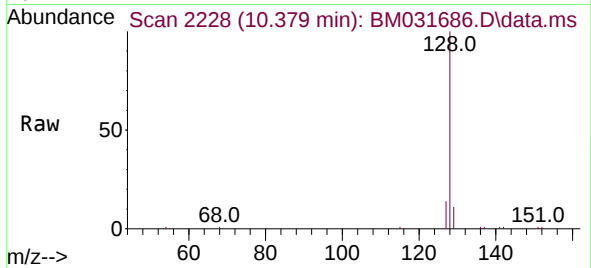
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Quant Time: Aug 13 01:01:53 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 12 17:28:09 2021
Response via : Initial Calibration

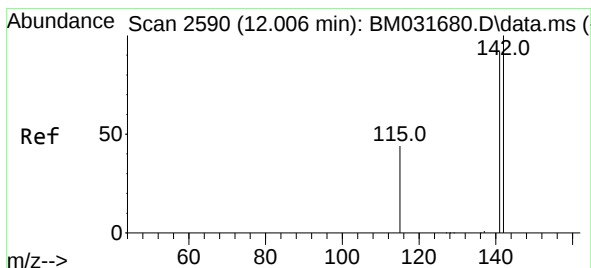
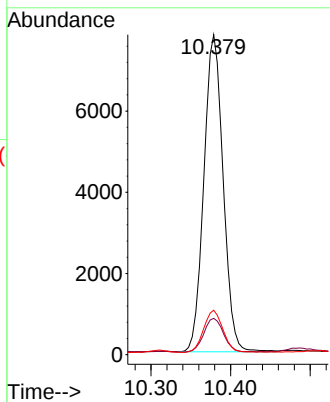
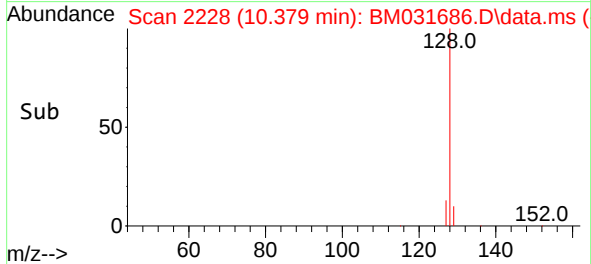




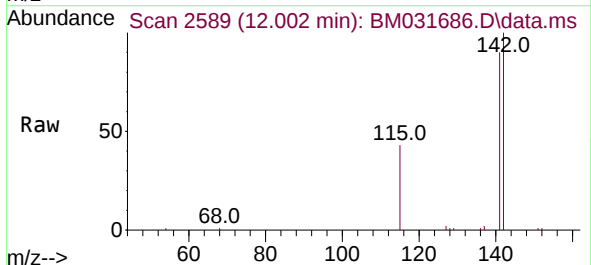
#5
Naphthalene
Concen: 1.010 ng/ul
RT: 10.379 min Scan# 2228
Delta R.T. -0.003 min
Lab File: BM031686.D
Acq: 12 Aug 2021 20:39



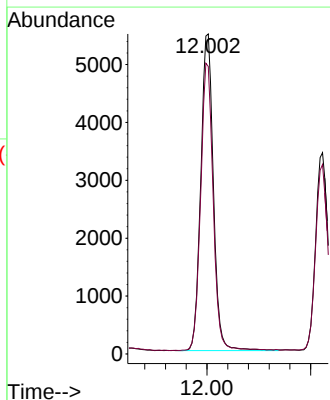
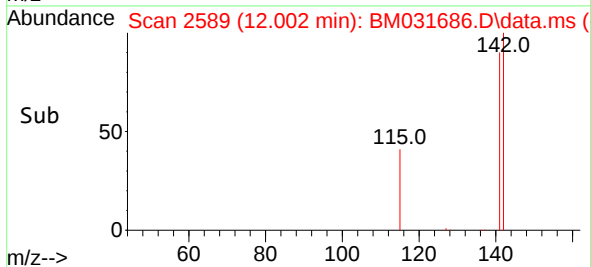
Tgt Ion:128 Resp: 13134
Ion Ratio Lower Upper
128 100
129 11.4 10.0 15.0
127 13.9 11.6 17.4



#7
2-Methylnaphthalene
Concen: 1.042 ng/ul
RT: 12.002 min Scan# 2589
Delta R.T. -0.003 min
Lab File: BM031686.D
Acq: 12 Aug 2021 20:39



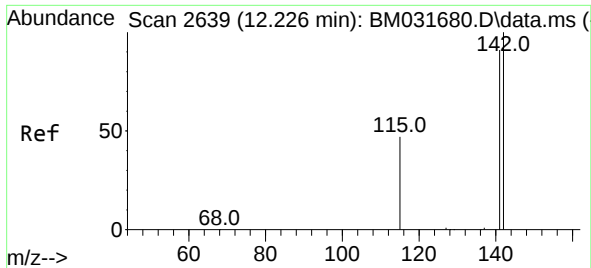
Tgt Ion:142 Resp: 9258
Ion Ratio Lower Upper
142 100
141 89.9 71.4 107.0



Instrument :
BNA_M
ClientSampled :
C00C4

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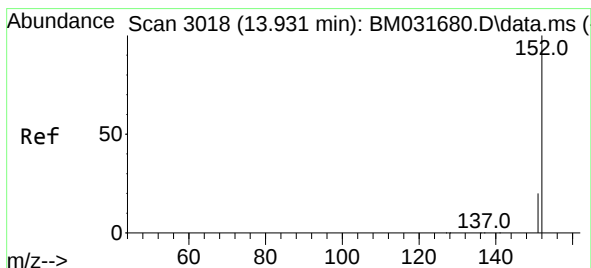
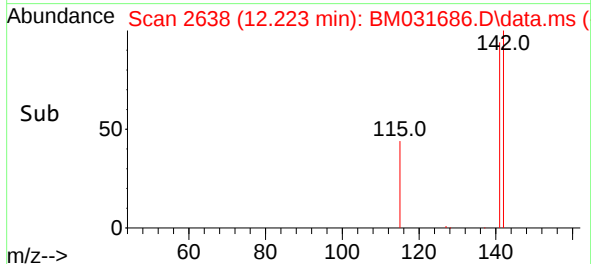
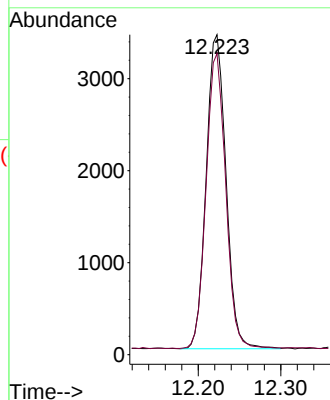
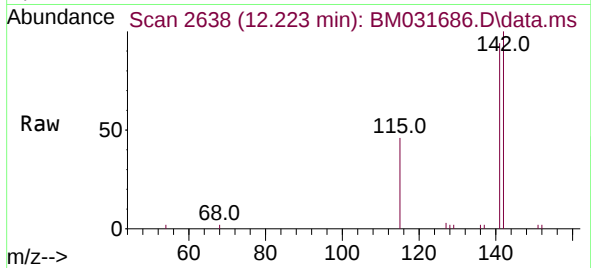
#8
1-Methylnaphthalene
Concen: 0.650 ng/ul
RT: 12.223 min Scan# 2638
Delta R.T. -0.003 min
Lab File: BM031686.D
Acq: 12 Aug 2021 20:39

Tgt Ion:142 Resp: 5704
Ion Ratio Lower Upper
142 100
141 92.6 74.1 111.1

Instrument :
BNA_M
ClientSampled :
C00C4

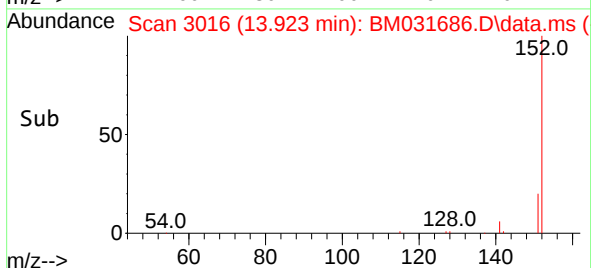
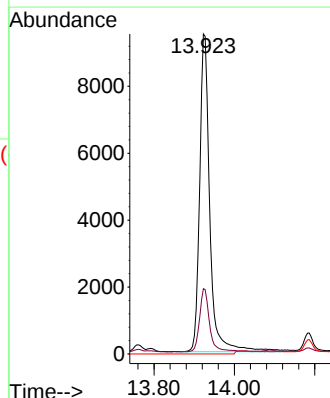
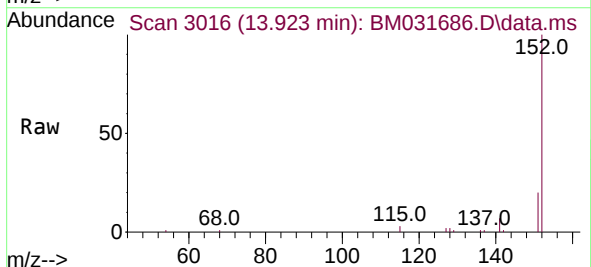
Manual Integrations
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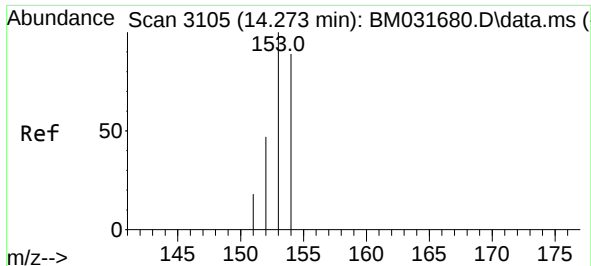
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#10
Acenaphthylene
Concen: 1.395 ng/ul
RT: 13.923 min Scan# 3016
Delta R.T. -0.008 min
Lab File: BM031686.D
Acq: 12 Aug 2021 20:39

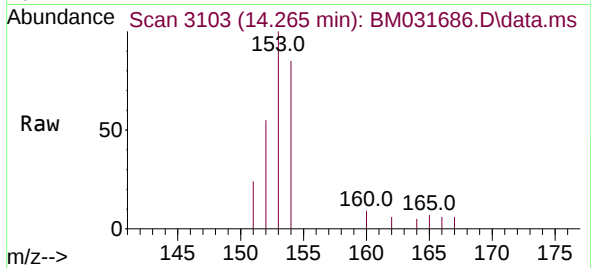
Tgt Ion:152 Resp: 15514
Ion Ratio Lower Upper
152 100
151 20.4 16.9 25.3
153 0.0 0.0 0.0





#11
Acenaphthene
Concen: 0.198 ng/ul
RT: 14.265 min Scan# 3103
Delta R.T. -0.007 min
Lab File: BM031686.D
Acq: 12 Aug 2021 20:39

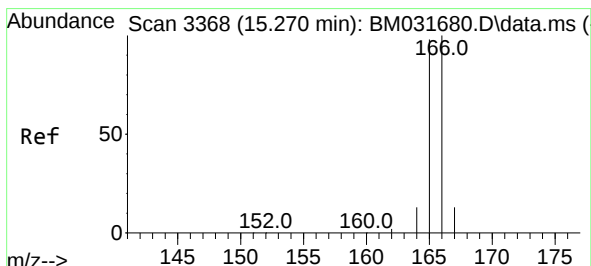
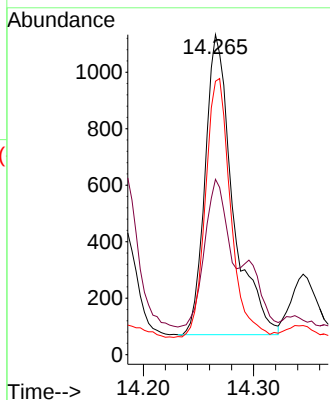
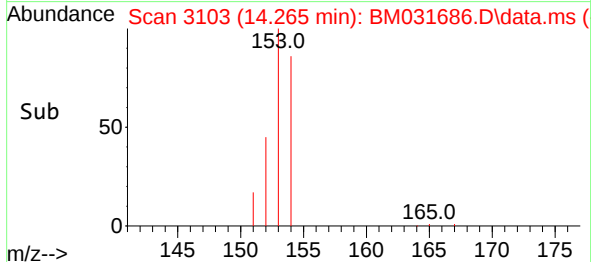
Instrument :
BNA_M
ClientSampled :
C00C4



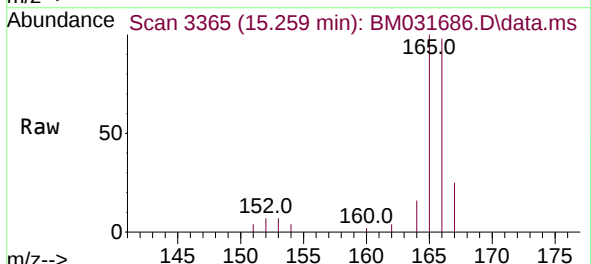
Tgt Ion	Ratio	Lower	Upper
153	100		
152	54.8	40.7	61.1
154	85.4	70.2	105.2

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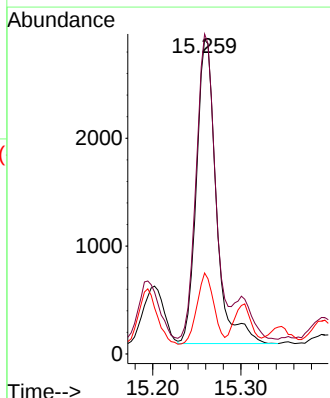
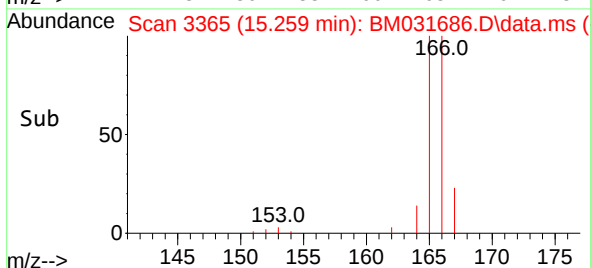
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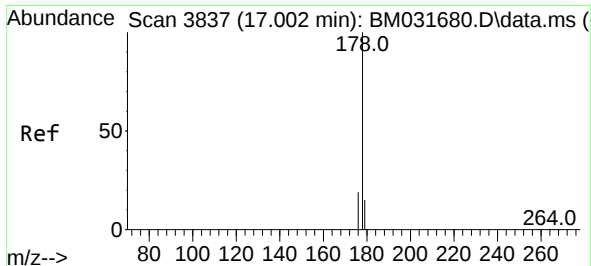


#12
Fluorene
Concen: 0.410 ng/ul
RT: 15.259 min Scan# 3365
Delta R.T. -0.011 min
Lab File: BM031686.D
Acq: 12 Aug 2021 20:39



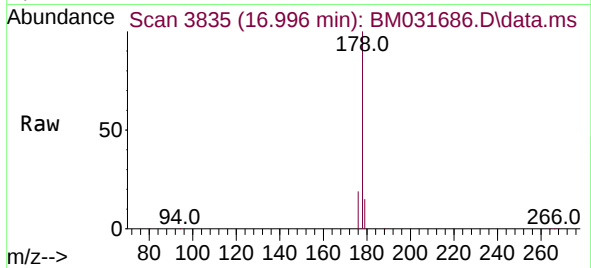
Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.8	78.0	117.0
167	25.8	12.0	18.0





#15
Phenanthrene
Concen: 7.167 ng/ul
RT: 16.996 min Scan# 3835
Delta R.T. -0.007 min
Lab File: BM031686.D
Acq: 12 Aug 2021 20:39

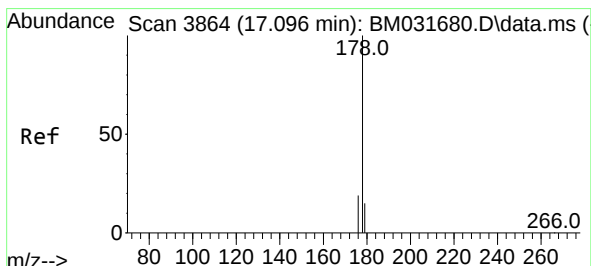
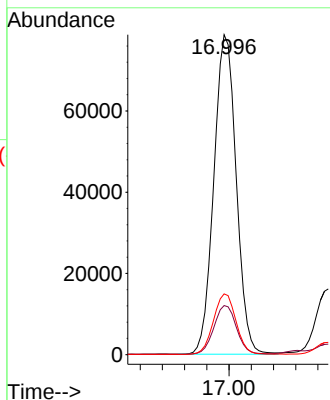
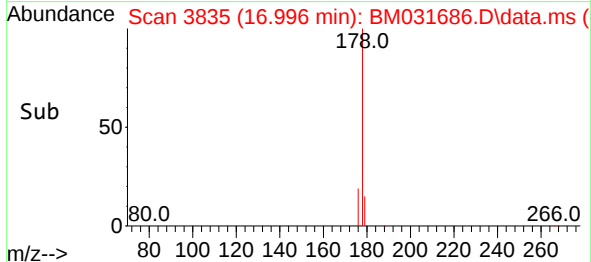
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BNA_M
ClientSampled :
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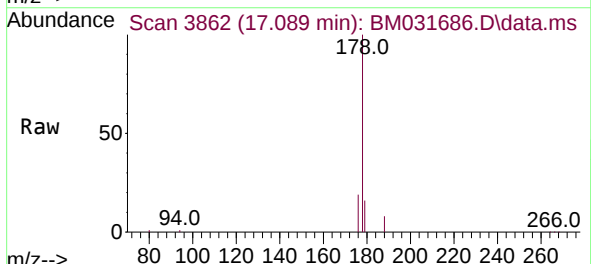
Tgt Ion:178 Resp: 109833
Ion Ratio Lower Upper
178 100
179 15.4 13.3 19.9
176 19.0 16.2 24.4

Manual Integrations
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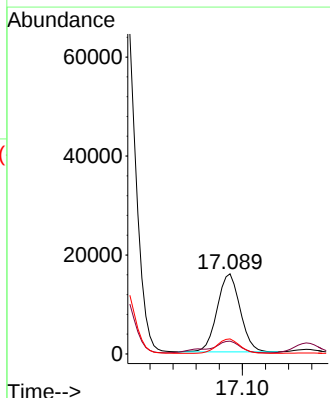
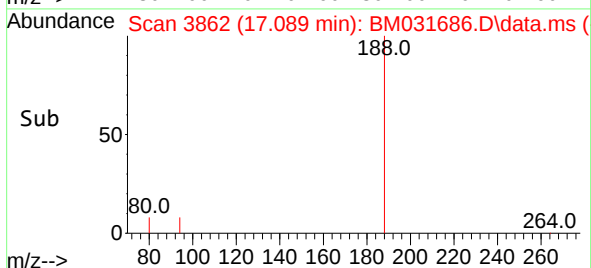
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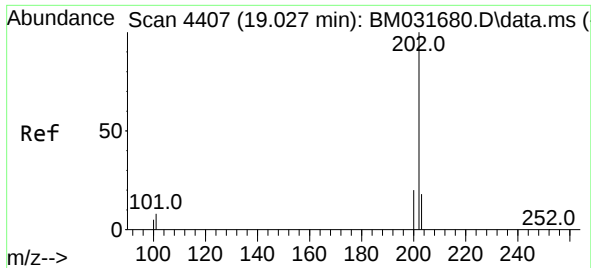


#16
Anthracene
Concen: 1.524 ng/ul
RT: 17.089 min Scan# 3862
Delta R.T. -0.007 min
Lab File: BM031686.D
Acq: 12 Aug 2021 20:39

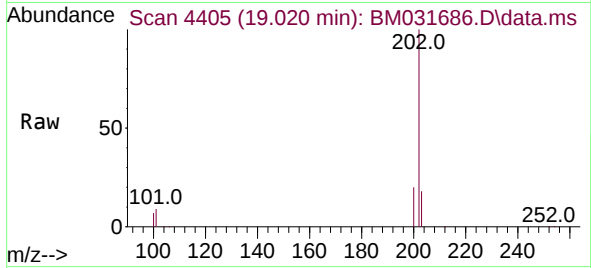


Tgt Ion:178 Resp: 21872
Ion Ratio Lower Upper
178 100
179 16.0 13.0 19.6
176 18.8 15.6 23.4

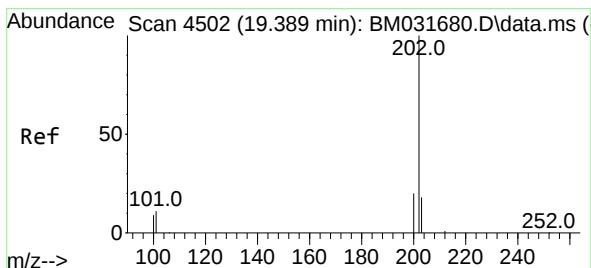
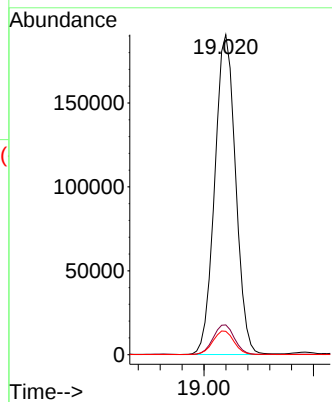
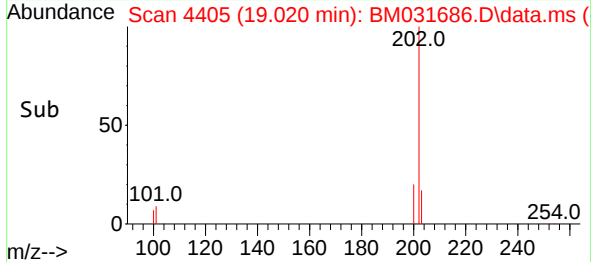




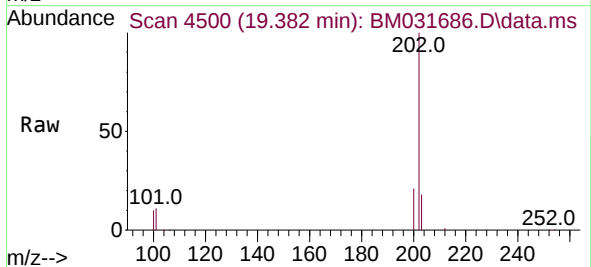
#19
Fluoranthene
Concen: 14.725 ng/ul
RT: 19.020 min Scan# 4405
Delta R.T. -0.007 min
Lab File: BM031686.D
Acq: 12 Aug 2021 20:39



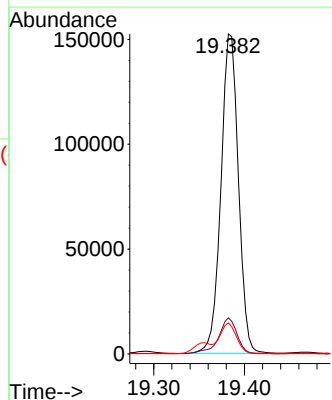
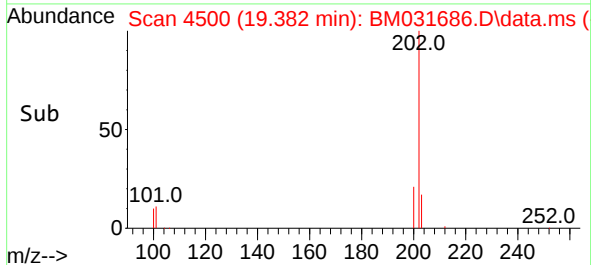
Tgt Ion:202 Resp: 251575
Ion Ratio Lower Upper
202 100
101 9.3 6.6 10.0
100 7.3 5.4 8.0



#20
Pyrene
Concen: 11.799 ng/ul
RT: 19.382 min Scan# 4500
Delta R.T. -0.007 min
Lab File: BM031686.D
Acq: 12 Aug 2021 20:39



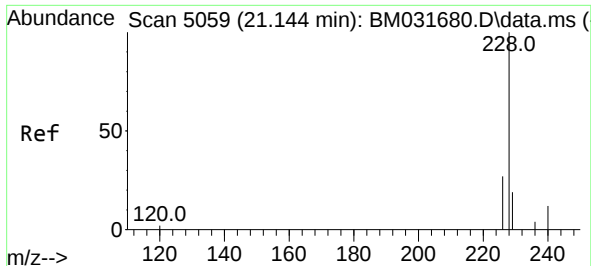
Tgt Ion:202 Resp: 204462
Ion Ratio Lower Upper
202 100
101 11.3 7.8 11.6
100 9.7 6.6 10.0



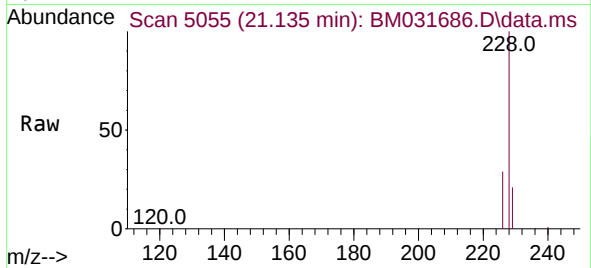
Instrument :
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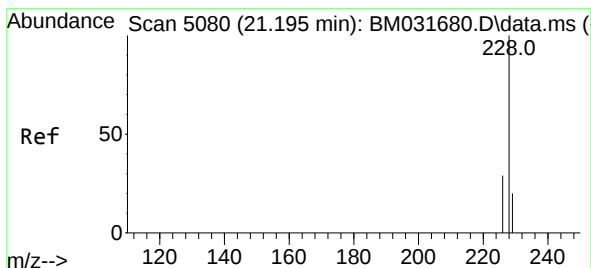
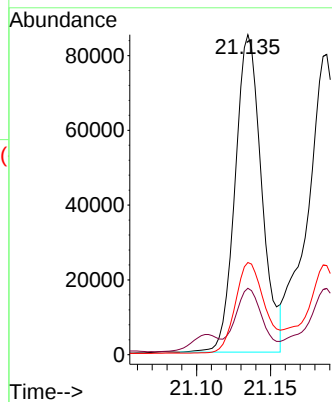
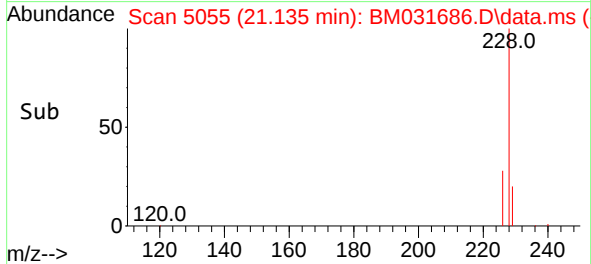
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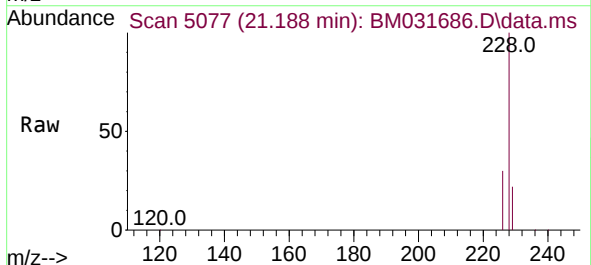
#21
Benzo(a)anthracene
Concen: 6.540 ng/ul
RT: 21.135 min Scan# 5055
Delta R.T. -0.009 min
Lab File: BM031686.D
Acq: 12 Aug 2021 20:39



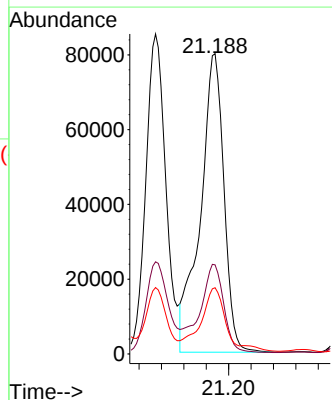
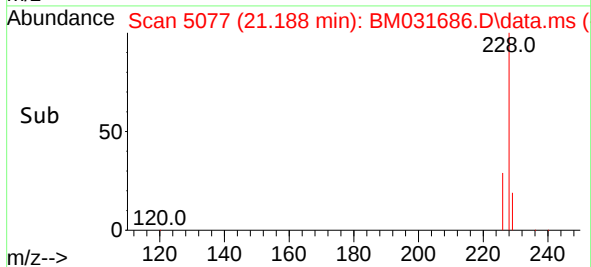
Tgt Ion:228 Resp: 105670
Ion Ratio Lower Upper
228 100
229 20.8 15.6 23.4
226 28.8 21.7 32.5



#22
Chrysene
Concen: 7.012 ng/ul
RT: 21.188 min Scan# 5077
Delta R.T. -0.007 min
Lab File: BM031686.D
Acq: 12 Aug 2021 20:39



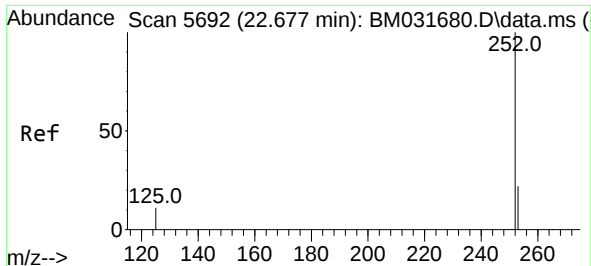
Tgt Ion:228 Resp: 117212
Ion Ratio Lower Upper
228 100
226 29.7 24.7 37.1
229 22.1 16.2 24.2



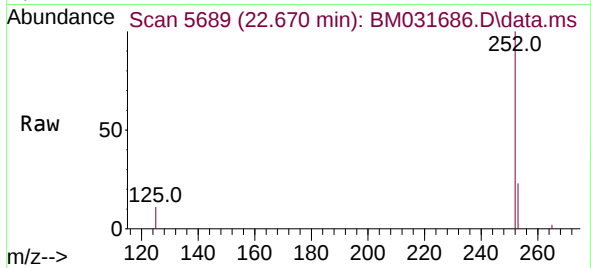
Instrument :
BNA_M
ClientSampled :
C00C4

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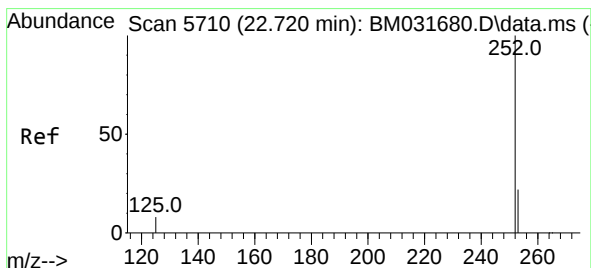
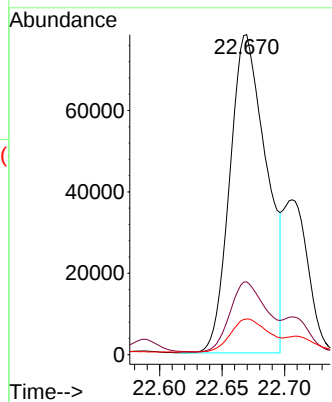
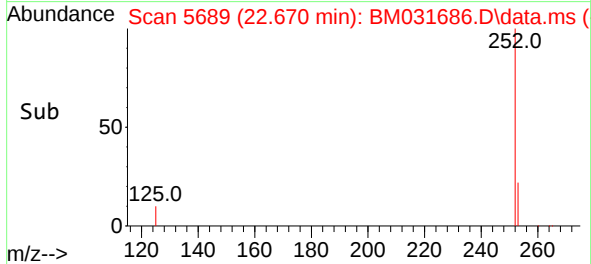
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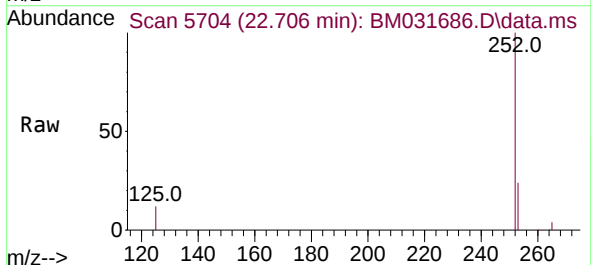
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Benzo(b)fluoranthene
Concen: 8.945 ng/ul m
RT: 22.670 min Scan# 5689
Delta R.T. -0.007 min
Lab File: BM031686.D
Acq: 12 Aug 2021 20:39



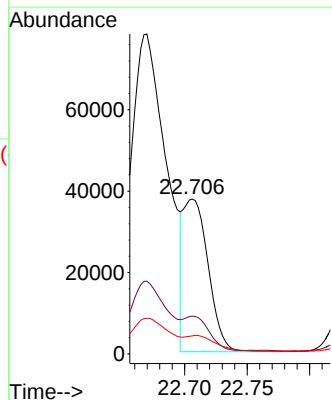
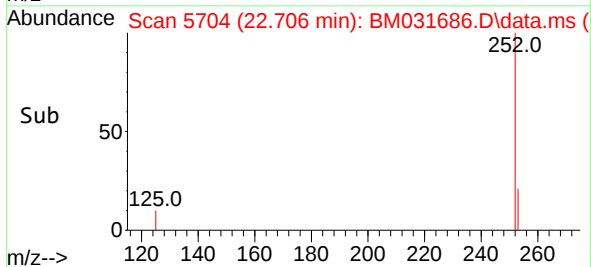
Tgt Ion:252 Resp: 159713
Ion Ratio Lower Upper
252 100
253 22.8 0.0 53.0
125 11.2 0.0 22.8



#25
Benzo(k)fluoranthene
Concen: 2.818 ng/ul m
RT: 22.706 min Scan# 5704
Delta R.T. -0.014 min
Lab File: BM031686.D
Acq: 12 Aug 2021 20:39



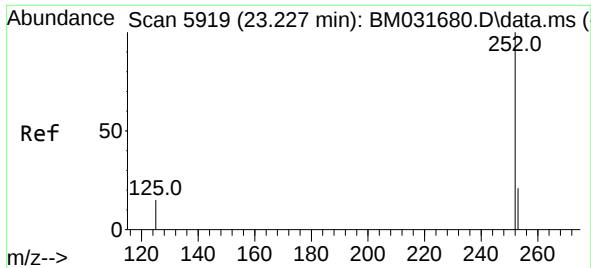
Tgt Ion:252 Resp: 51981
Ion Ratio Lower Upper
252 100
253 24.4 21.3 31.9
125 11.6 8.8 13.2



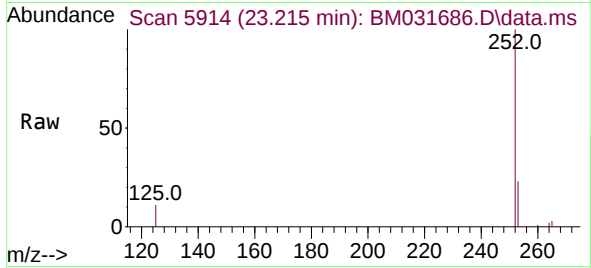
Instrument :
BNA_M
ClientSampled :
C00C4

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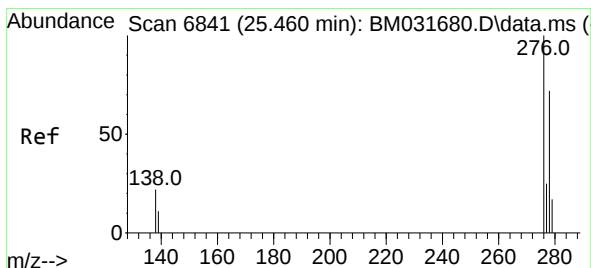
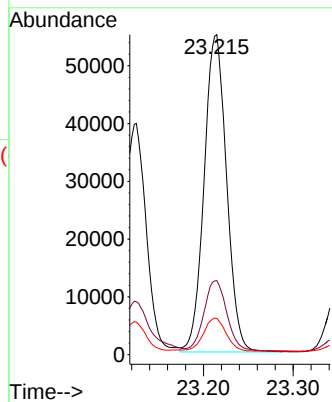
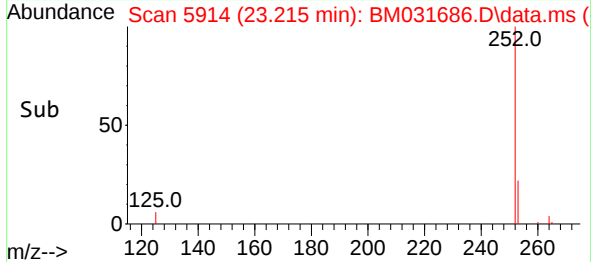
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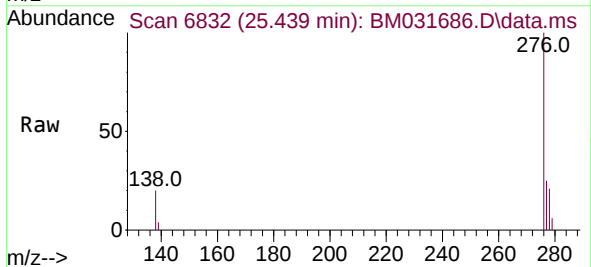
#26
Benzo(a)pyrene
Concen: 6.109 ng/ul m
RT: 23.215 min Scan# 5914
Delta R.T. -0.012 min
Lab File: BM031686.D
Acq: 12 Aug 2021 20:39



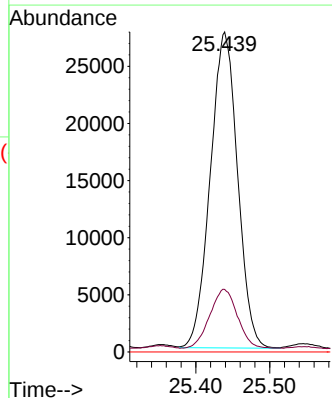
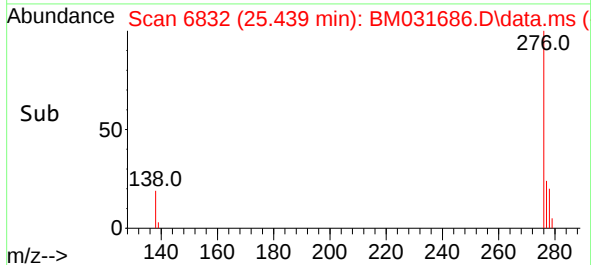
Tgt Ion:252 Resp: 95526
Ion Ratio Lower Upper
252 100
253 23.1 22.4 33.6
125 11.3 13.0 19.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 3.508 ng/ul
RT: 25.439 min Scan# 6832
Delta R.T. -0.021 min
Lab File: BM031686.D
Acq: 12 Aug 2021 20:39



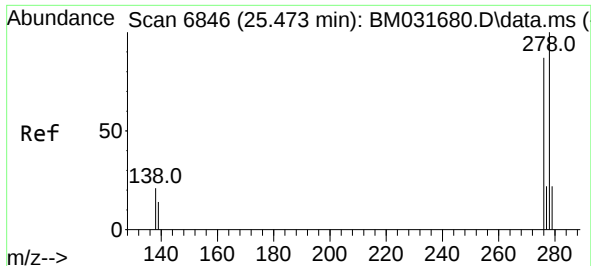
Tgt Ion:276 Resp: 70917
Ion Ratio Lower Upper
276 100
138 19.6 15.8 23.8
227 0.0 0.0 0.0



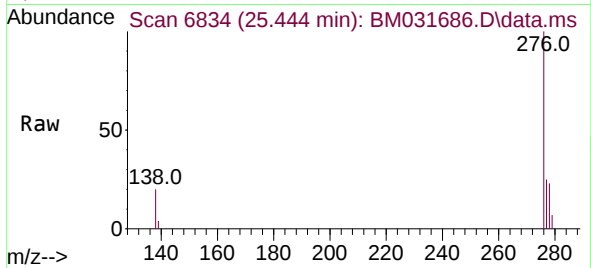
Instrument :
BNA_M
ClientSampled :
C00C4

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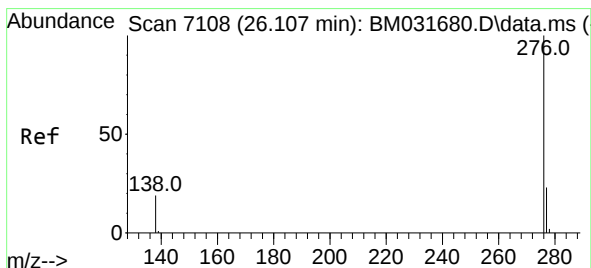
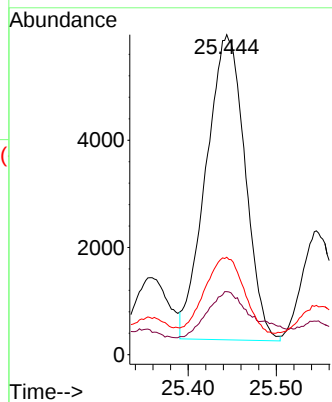
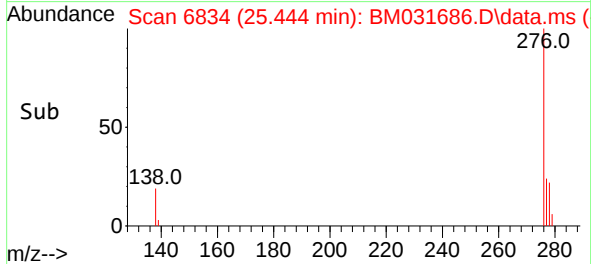
mohammad
8/13/2021 5:14:27 PM



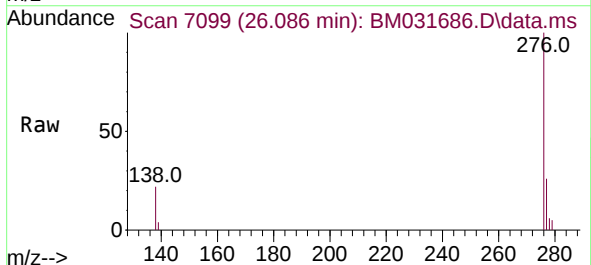
#28
Dibenzo(a,h)anthracene
Concen: 1.075 ng/ul
RT: 25.444 min Scan# 6834
Delta R.T. -0.029 min
Lab File: BM031686.D
Acq: 12 Aug 2021 20:39



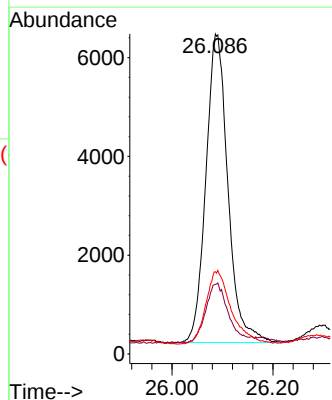
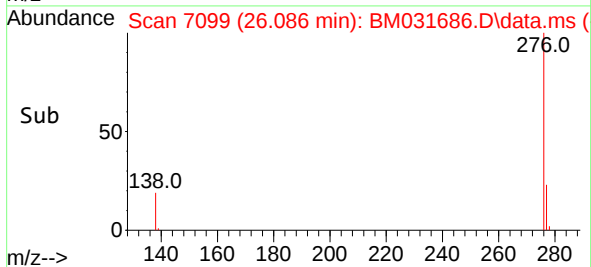
Tgt Ion: 278 Resp: 17517
Ion Ratio Lower Upper
278 100
139 19.7 13.3 19.9
279 30.4 22.8 34.2



#29
Benzo(g,h,i)perylene
Concen: 1.096 ng/ul
RT: 26.086 min Scan# 7099
Delta R.T. -0.021 min
Lab File: BM031686.D
Acq: 12 Aug 2021 20:39



Tgt Ion: 276 Resp: 18900
Ion Ratio Lower Upper
276 100
138 21.8 15.4 23.2
277 25.7 19.9 29.9



Instrument :
BNA_M
ClientSampleId :
C00C4

Manual Integrations
APPROVED

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