

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090321\
 Data File : BM032052.D
 Acq On : 03 Sep 2021 22:51
 Operator : CG/JU
 Sample : M3486-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AB8

Manual Integrations
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mohammad
 9/7/2021 11:37:29 AM

Quant Time: Sep 04 00:53:58 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM090321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 03 16:21:27 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.455	152	1325	0.400	ng/ul	0.00
4) Naphthalene-d8	10.208	136	4788	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.098	164	3012	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.855	188	5677	0.400	ng/ul	-0.01
17) Chrysene-d12	21.059	240	5009	0.400	ng/ul	-0.01
23) Perylene-d12	23.173	264	4750	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.064	96	3919	2.693	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.813	152	1271	0.172	ng/ul	0.00
18) Fluoranthene-d10	18.892	212	2607	0.178	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.257	128	3850	0.303	ng/ul	99
7) 2-Methylnaphthalene	11.890	142	1594	0.180	ng/ul	98
8) 1-Methylnaphthalene	12.110	142	1551	0.178	ng/ul	98
10) Acenaphthylene	13.819	152	8238	0.678	ng/ul	97
11) Acenaphthene	14.163	153	807	0.081	ng/ul	97
12) Fluorene	15.160	166	2277	0.196	ng/ul#	95
15) Phenanthrene	16.893	178	78704	4.555	ng/ul	96
16) Anthracene	16.987	178	12886	0.850	ng/ul	98
19) Fluoranthene	18.923	202	137522	6.352	ng/ul	97
20) Pyrene	19.285	202	119830	5.370	ng/ul	98
21) Benzo(a)anthracene	21.045	228	60400	3.301	ng/ul	98
22) Chrysene	21.095	228	66364	3.158	ng/ul	99
24) Benzo(b)fluoranthene	22.548	252	98389m	4.506	ng/ul	
25) Benzo(k)fluoranthene	22.587	252	34530m	1.533	ng/ul	
26) Benzo(a)pyrene	23.079	252	70404m	3.689	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.237	276	54757	2.106	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.247	278	13140	0.629	ng/ul	96
29) Benzo(g,h,i)perylene	25.867	276	49216	2.127	ng/ul	97

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

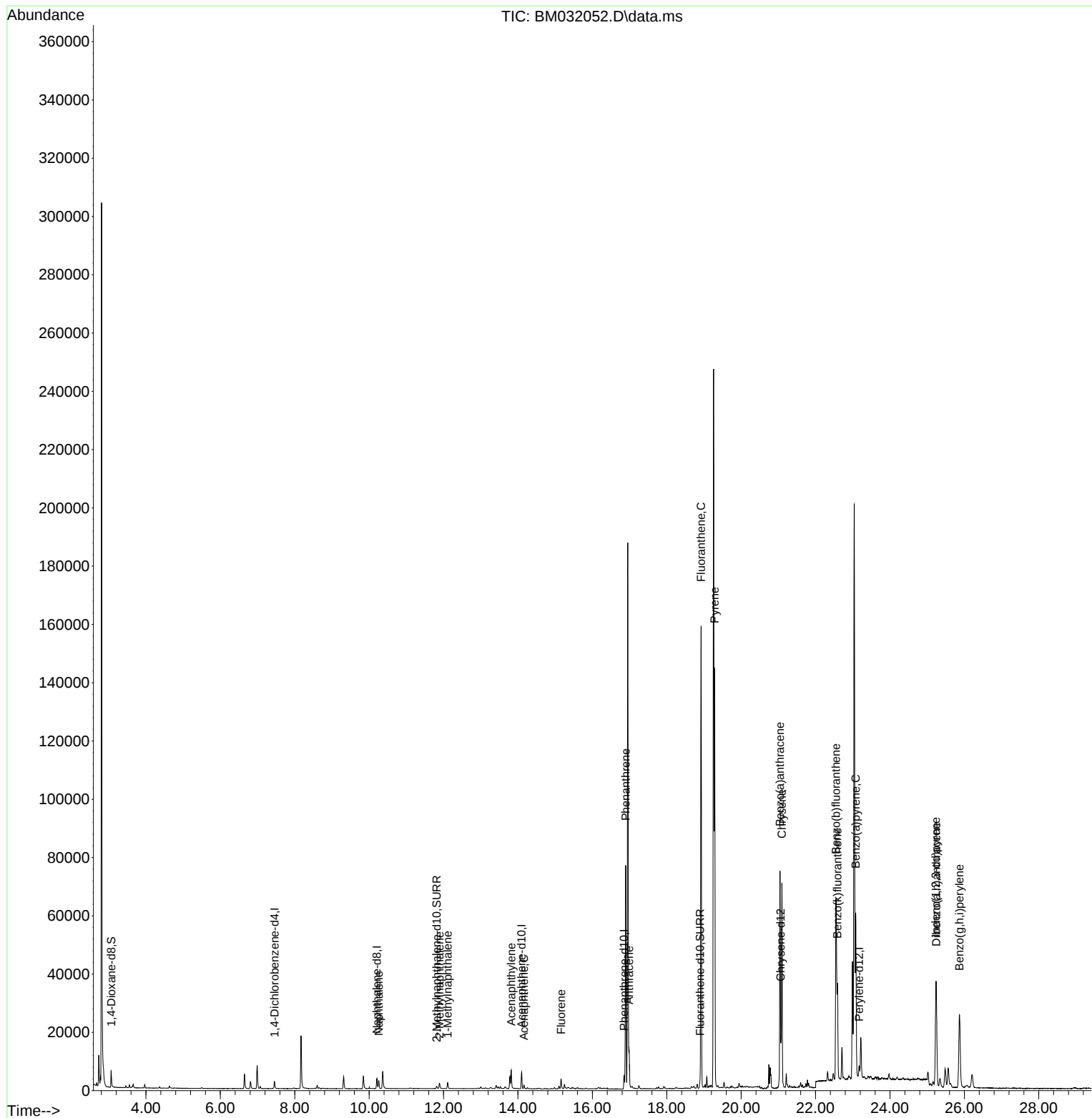
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090321\
Data File : BM032052.D
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Operator : CG/JU
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ALS Vial : 10 Sample Multiplier: 1

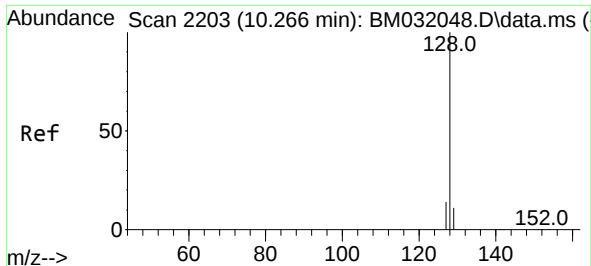
Instrument :
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ClientSampleId :
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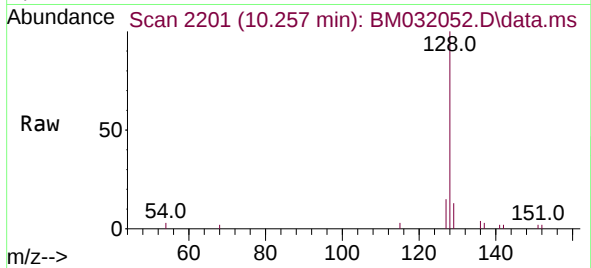
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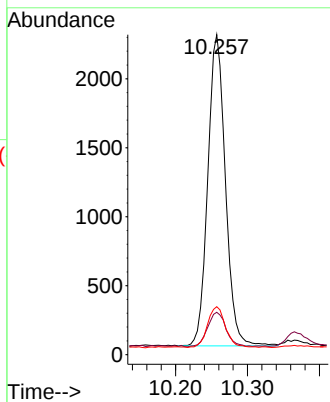
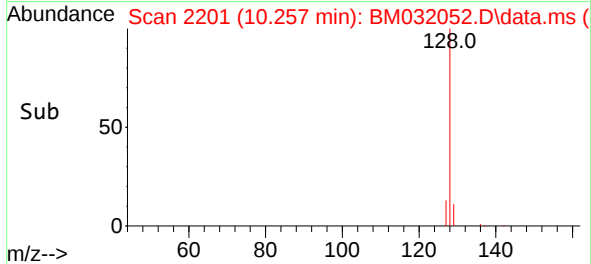




#5
Naphthalene
Concen: 0.303 ng/ul
RT: 10.257 min Scan# 2201
Delta R.T. -0.013 min
Lab File: BM032052.D
Acq: 03 Sep 2021 22:51



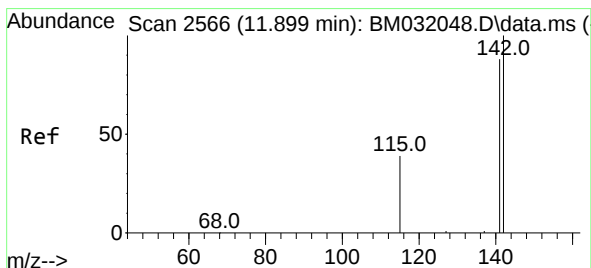
Tgt Ion:	128	Resp:	3850
Ion Ratio	Lower	Upper	
128	100		
129	13.2	10.9	16.3
127	15.0	12.4	18.6



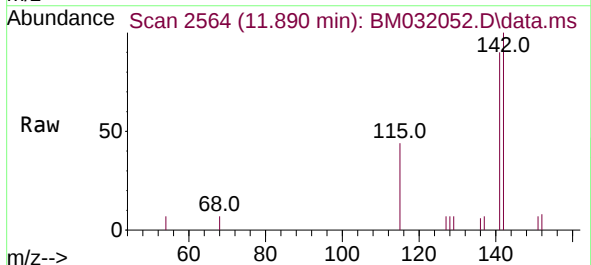
Instrument :
BNA_M
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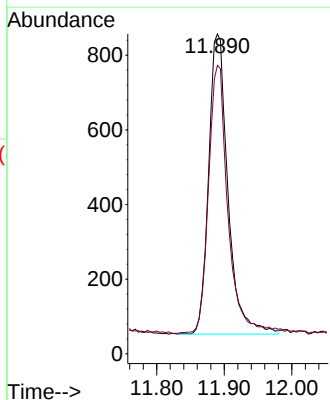
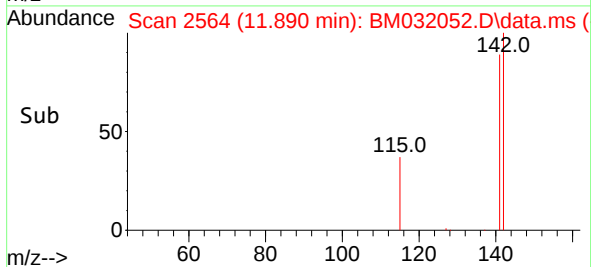
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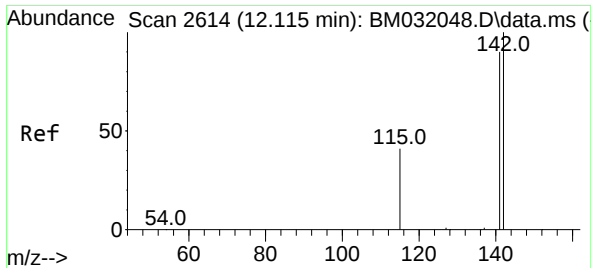


#7
2-Methylnaphthalene
Concen: 0.180 ng/ul
RT: 11.890 min Scan# 2564
Delta R.T. -0.009 min
Lab File: BM032052.D
Acq: 03 Sep 2021 22:51



Tgt Ion:	142	Resp:	1594
Ion Ratio	Lower	Upper	
142	100		
141	89.9	70.3	105.5





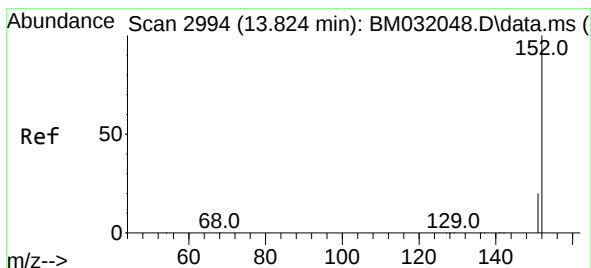
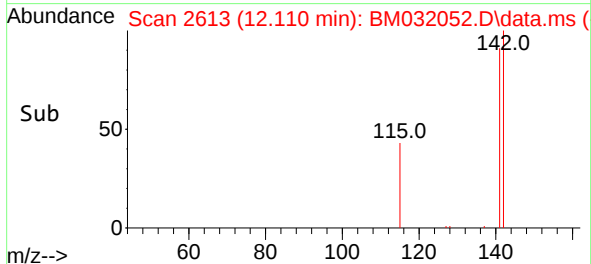
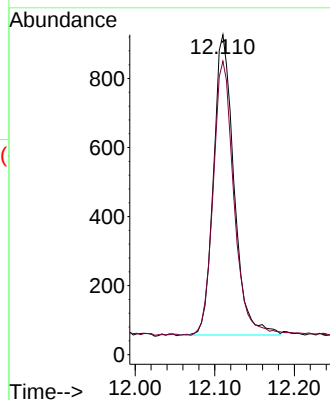
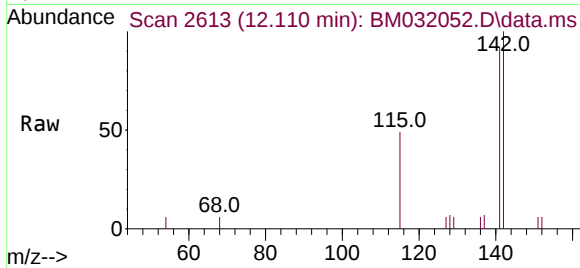
#8
1-Methylnaphthalene
Concen: 0.178 ng/ul
RT: 12.110 min Scan# 2613
Delta R.T. -0.004 min
Lab File: BM032052.D
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Tgt Ion:142 Resp: 1551
Ion Ratio Lower Upper
142 100
141 91.9 72.2 108.2

Instrument :
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ClientSampled :
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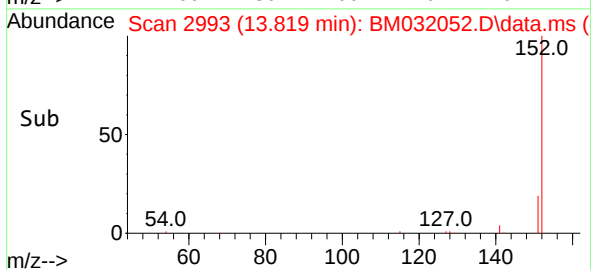
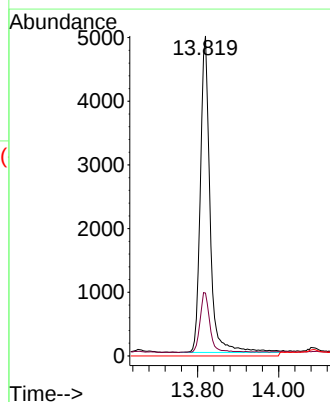
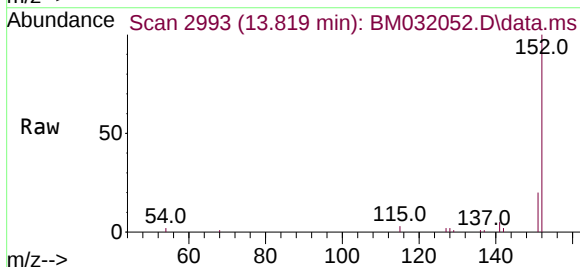
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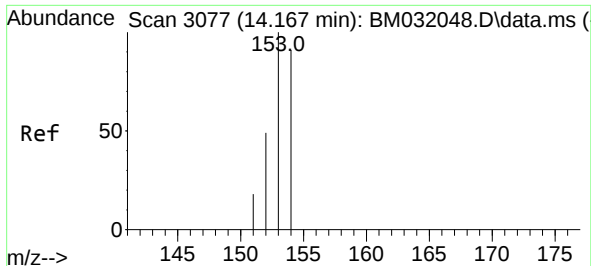
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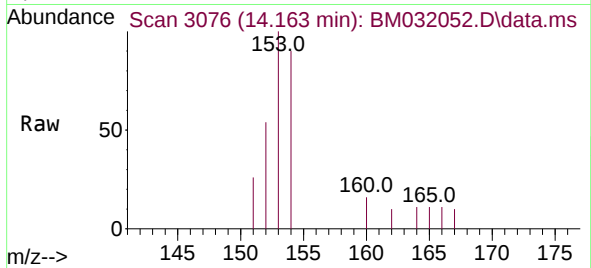
#10
Acenaphthylene
Concen: 0.678 ng/ul
RT: 13.819 min Scan# 2993
Delta R.T. -0.005 min
Lab File: BM032052.D
Acq: 03 Sep 2021 22:51

Tgt Ion:152 Resp: 8238
Ion Ratio Lower Upper
152 100
151 19.7 17.0 25.4
153 0.0 0.0 0.0

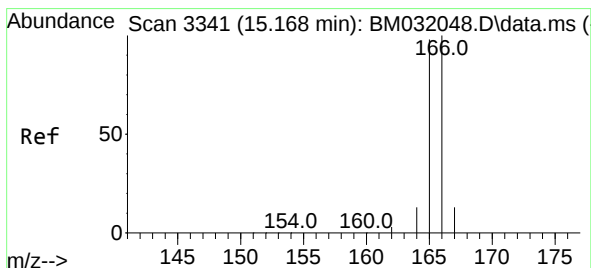
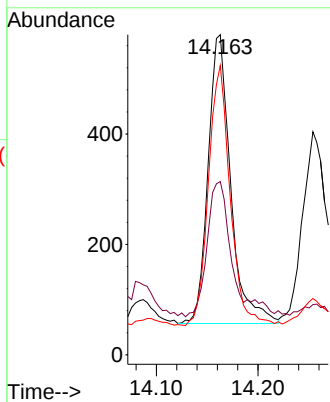
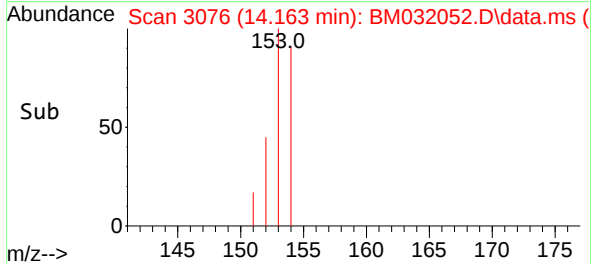




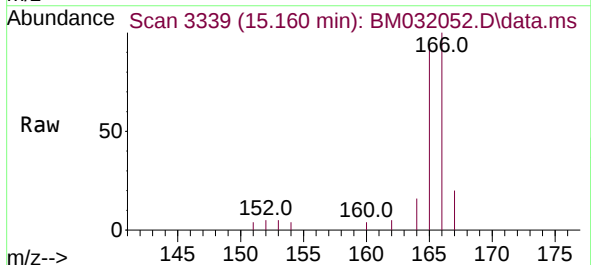
#11
Acenaphthene
Concen: 0.081 ng/ul
RT: 14.163 min Scan# 3076
Delta R.T. -0.004 min
Lab File: BM032052.D
Acq: 03 Sep 2021 22:51



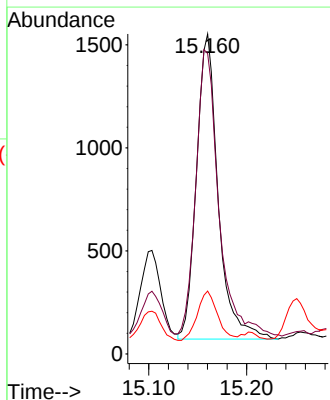
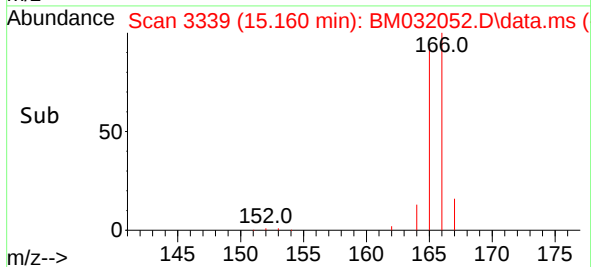
Tgt Ion:153 Resp: 807
Ion Ratio Lower Upper
153 100
152 54.1 41.0 61.4
154 90.3 70.5 105.7



#12
Fluorene
Concen: 0.196 ng/ul
RT: 15.160 min Scan# 3339
Delta R.T. -0.011 min
Lab File: BM032052.D
Acq: 03 Sep 2021 22:51



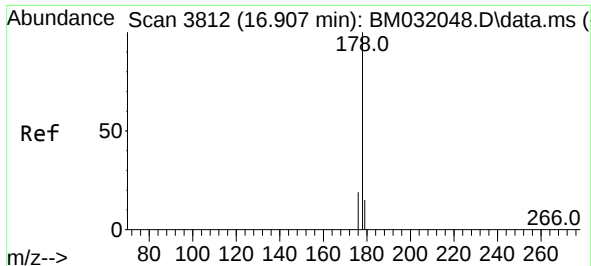
Tgt Ion:166 Resp: 2277
Ion Ratio Lower Upper
166 100
165 93.9 78.3 117.5
167 19.6 12.5 18.7#



Instrument :
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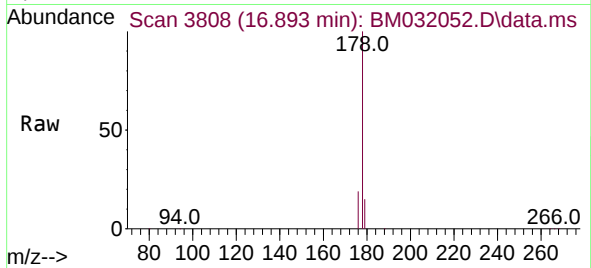
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#15
Phenanthrene
Concen: 4.555 ng/ul
RT: 16.893 min Scan# 3808
Delta R.T. -0.014 min
Lab File: BM032052.D
Acq: 03 Sep 2021 22:51

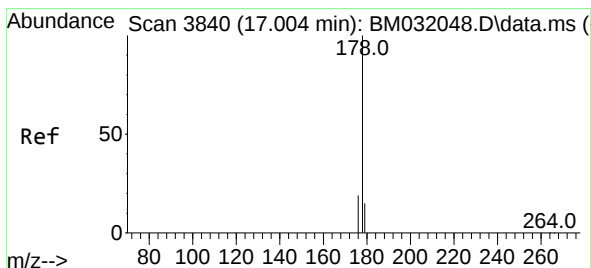
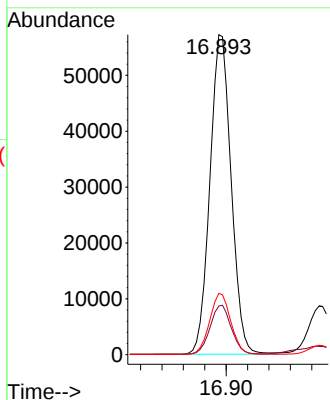
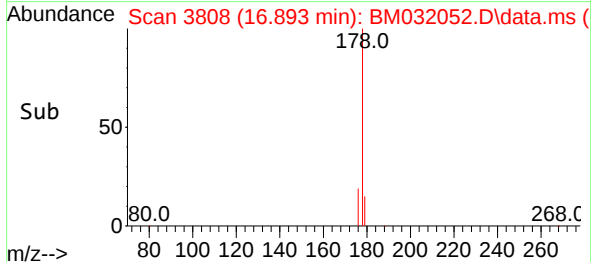
Instrument :
BNA_M
ClientSampled :
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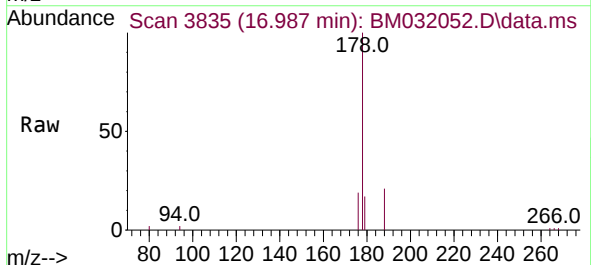
Tgt Ion:178 Resp: 78704
Ion Ratio Lower Upper
178 100
179 15.2 13.3 19.9
176 19.1 16.7 25.1

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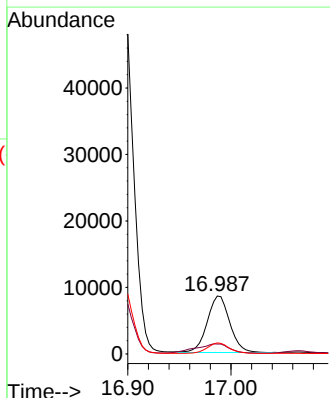
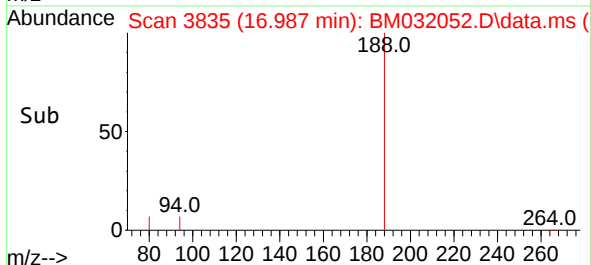
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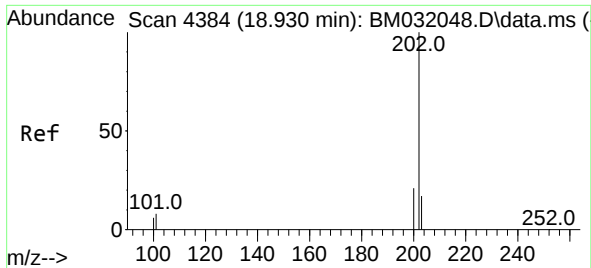


#16
Anthracene
Concen: 0.850 ng/ul
RT: 16.987 min Scan# 3835
Delta R.T. -0.021 min
Lab File: BM032052.D
Acq: 03 Sep 2021 22:51



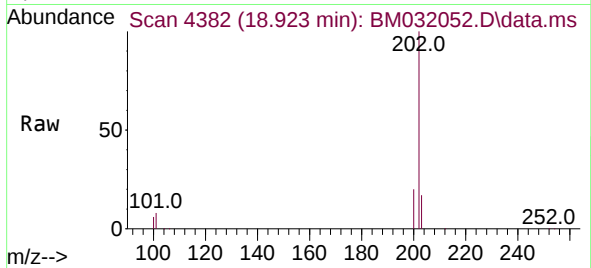
Tgt Ion:178 Resp: 12886
Ion Ratio Lower Upper
178 100
179 17.2 14.3 21.5
176 19.0 15.8 23.8





#19
Fluoranthene
Concen: 6.352 ng/u1
RT: 18.923 min Scan# 4382
Delta R.T. -0.011 min
Lab File: BM032052.D
Acq: 03 Sep 2021 22:51

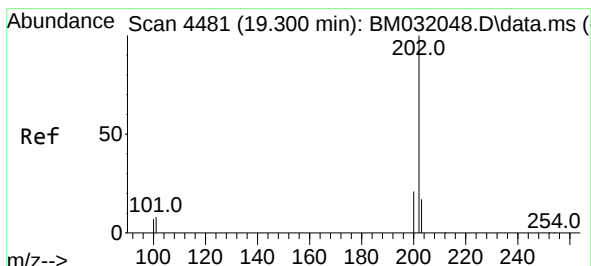
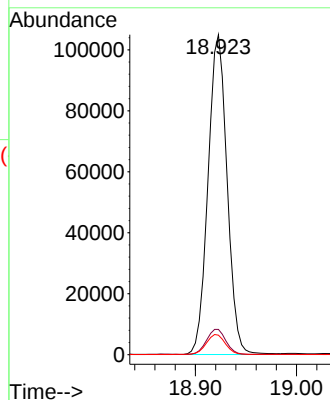
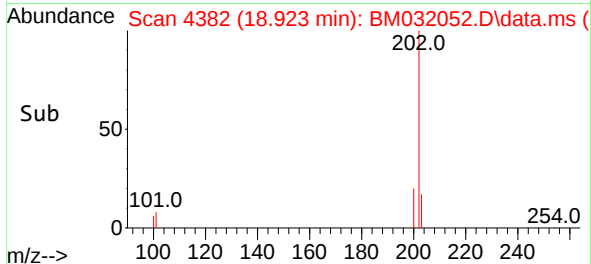
Instrument :
BNA_M
ClientSampleId :
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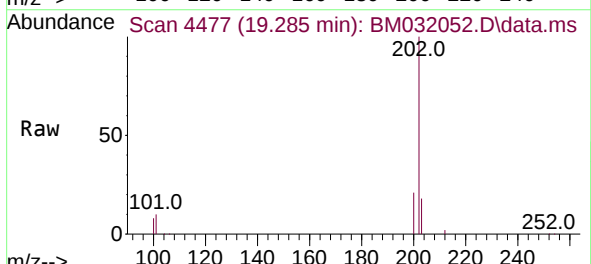
Tgt Ion:202 Resp: 137522
Ion Ratio Lower Upper
202 100
101 7.9 7.2 10.8
100 6.1 5.8 8.6

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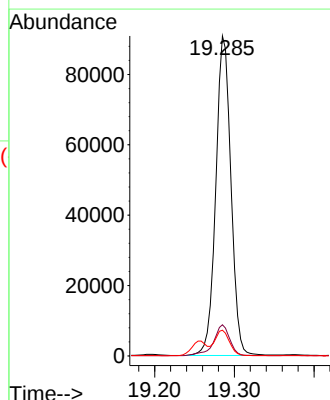
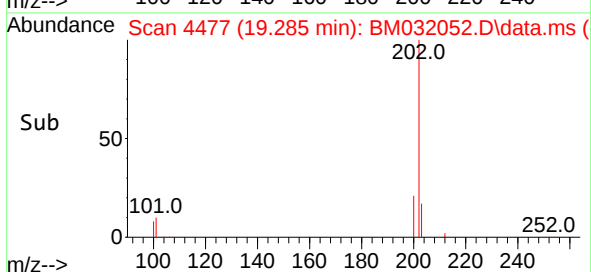
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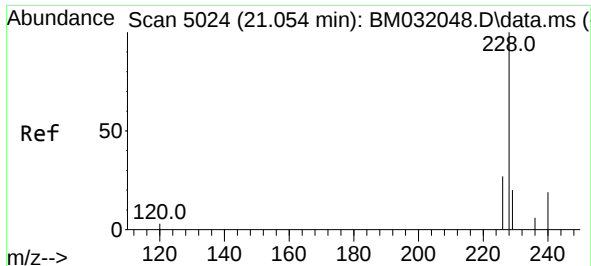


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Pyrene
Concen: 5.370 ng/u1
RT: 19.285 min Scan# 4477
Delta R.T. -0.015 min
Lab File: BM032052.D
Acq: 03 Sep 2021 22:51



Tgt Ion:202 Resp: 119830
Ion Ratio Lower Upper
202 100
101 9.7 8.2 12.4
100 8.0 7.0 10.6





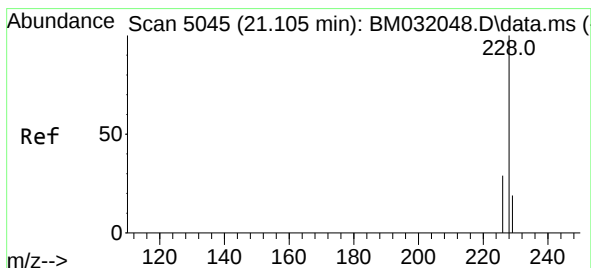
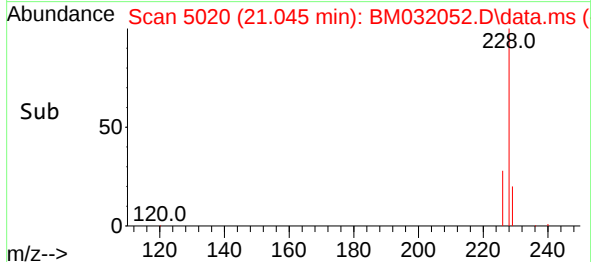
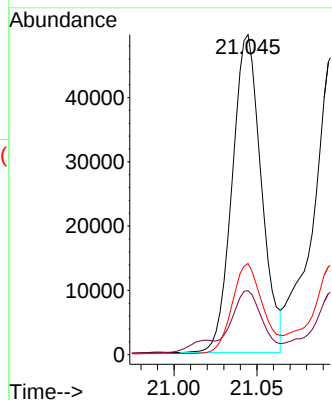
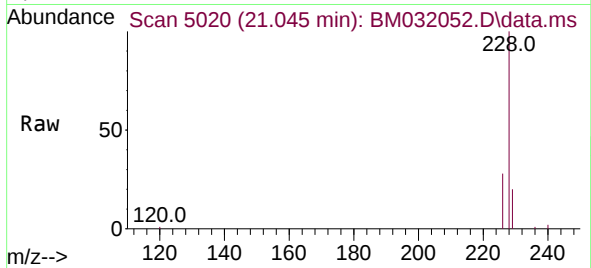
#21
Benzo(a)anthracene
Concen: 3.301 ng/ul
RT: 21.045 min Scan# 5020
Delta R.T. -0.014 min
Lab File: BM032052.D
Acq: 03 Sep 2021 22:51

Tgt Ion:228 Resp: 60400
Ion Ratio Lower Upper
228 100
229 20.0 17.1 25.7
226 28.5 23.1 34.7

Instrument :
BNA_M
ClientSampled :
C0AB8

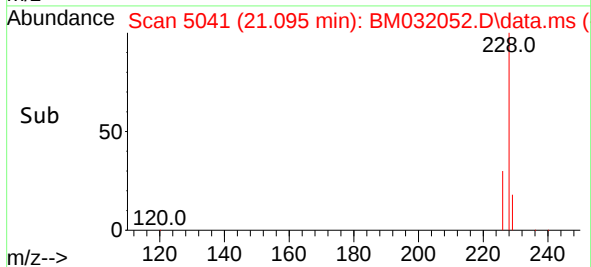
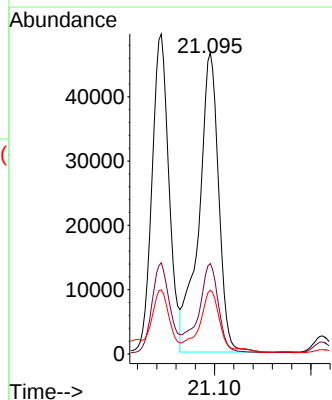
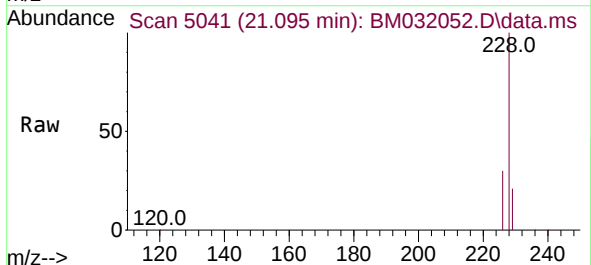
Manual Integrations
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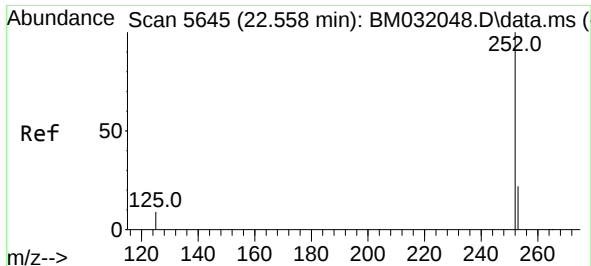
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#22
Chrysene
Concen: 3.158 ng/ul
RT: 21.095 min Scan# 5041
Delta R.T. -0.014 min
Lab File: BM032052.D
Acq: 03 Sep 2021 22:51

Tgt Ion:228 Resp: 66364
Ion Ratio Lower Upper
228 100
226 30.0 24.2 36.2
229 21.1 16.3 24.5





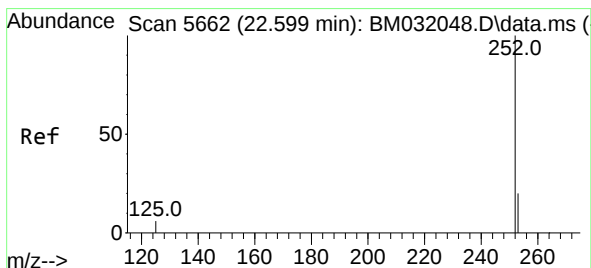
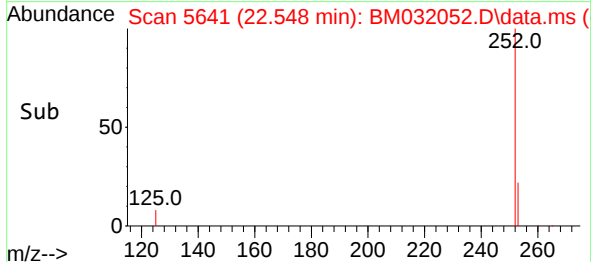
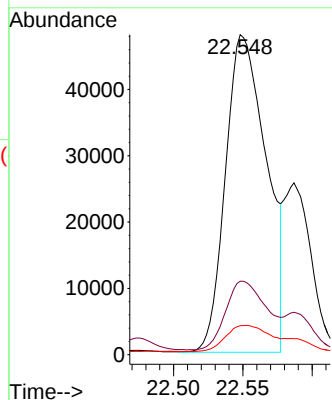
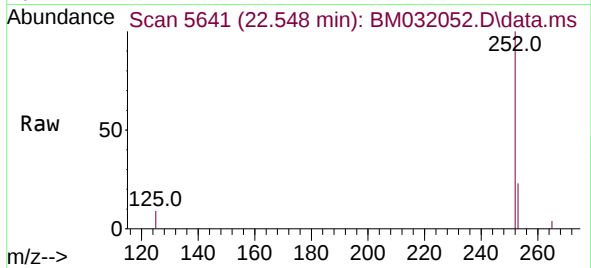
#24
Benzo(b)fluoranthene
Concen: 4.506 ng/ul m
RT: 22.548 min Scan# 5641
Delta R.T. -0.017 min
Lab File: BM032052.D
Acq: 03 Sep 2021 22:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	0.0	61.0
125	9.0	0.0	28.4

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C0AB8

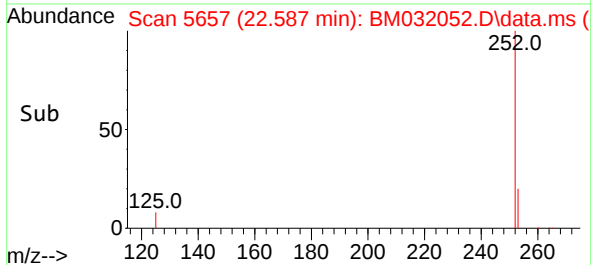
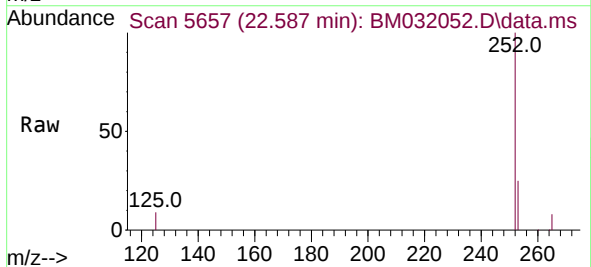
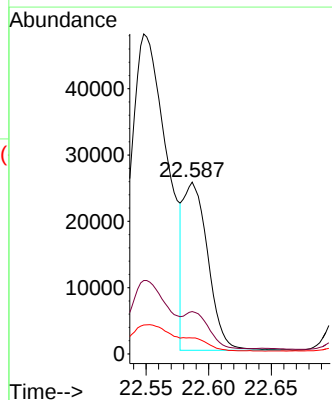
Manual Integrations
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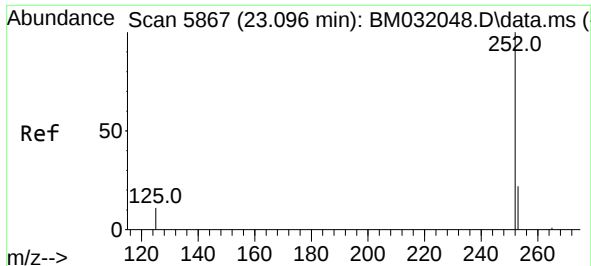
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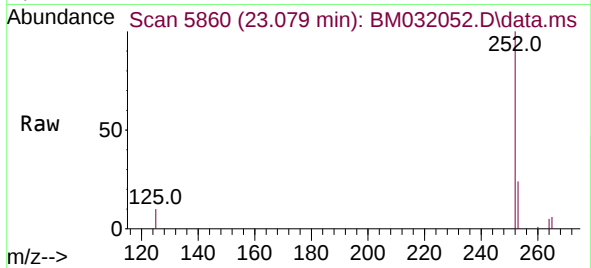
#25
Benzo(k)fluoranthene
Concen: 1.533 ng/ul m
RT: 22.587 min Scan# 5657
Delta R.T. -0.022 min
Lab File: BM032052.D
Acq: 03 Sep 2021 22:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.7	25.2	37.8#
125	9.4	11.0	16.4#

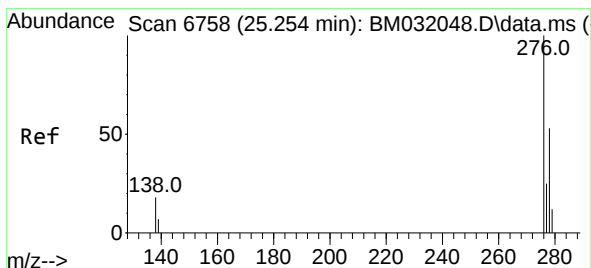
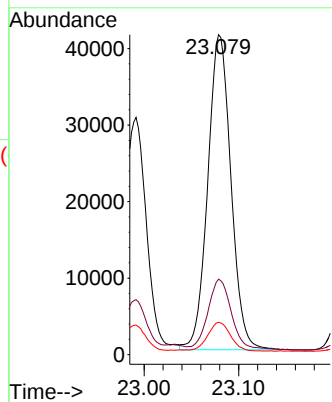
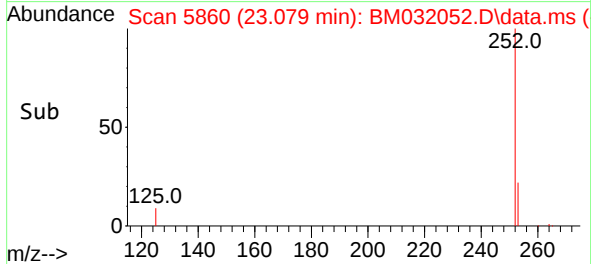




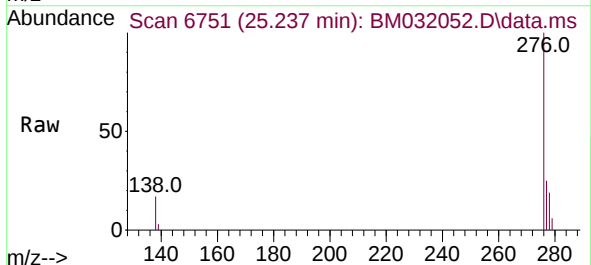
#26
Benzo(a)pyrene
Concen: 3.689 ng/ul m
RT: 23.079 min Scan# 5860
Delta R.T. -0.027 min
Lab File: BM032052.D
Acq: 03 Sep 2021 22:51



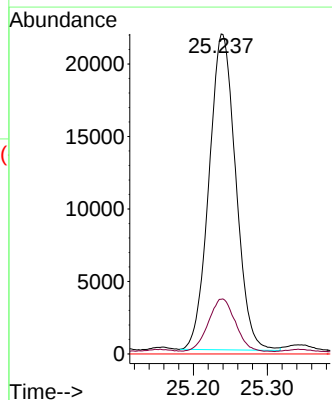
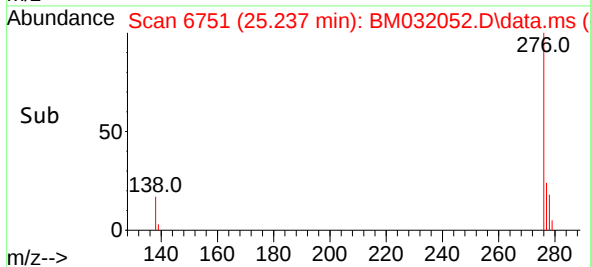
Tgt Ion:252 Resp: 70404
Ion Ratio Lower Upper
252 100
253 23.6 28.8 43.2#
125 10.1 13.9 20.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.106 ng/ul
RT: 25.237 min Scan# 6751
Delta R.T. -0.034 min
Lab File: BM032052.D
Acq: 03 Sep 2021 22:51



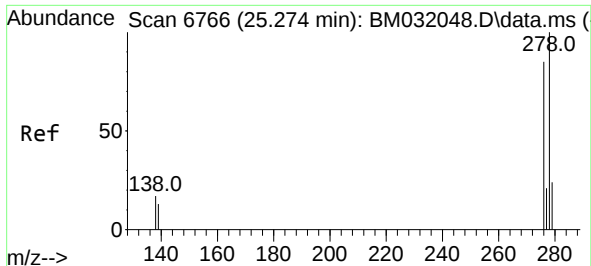
Tgt Ion:276 Resp: 54757
Ion Ratio Lower Upper
276 100
138 17.1 14.1 21.1
227 0.0 0.0 0.0



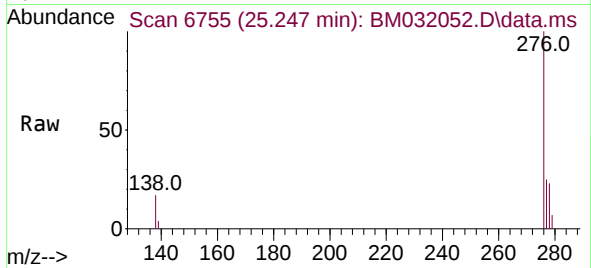
Instrument :
BNA_M
ClientSampleId :
C0AB8

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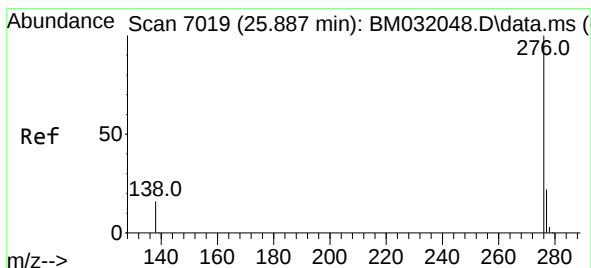
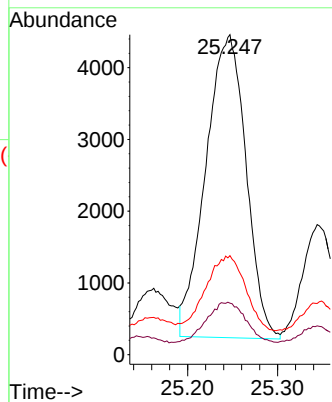
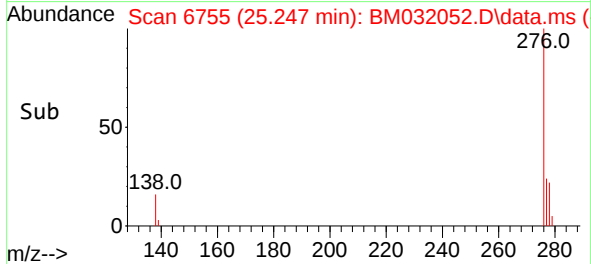
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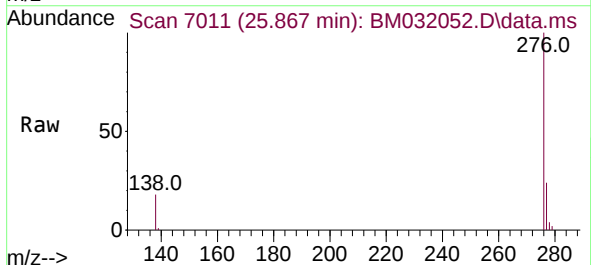
#28
Dibenzo(a,h)anthracene
Concen: 0.629 ng/ul
RT: 25.247 min Scan# 6755
Delta R.T. -0.039 min
Lab File: BM032052.D
Acq: 03 Sep 2021 22:51



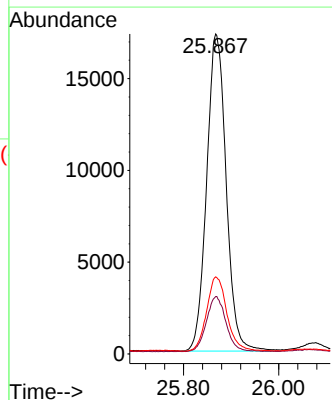
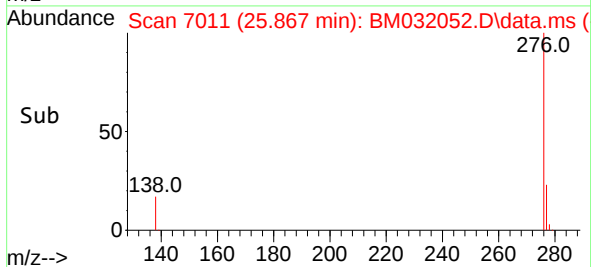
Tgt Ion: 278 Resp: 13140
Ion Ratio Lower Upper
278 100
139 16.1 13.4 20.0
279 30.9 27.2 40.8



#29
Benzo(g,h,i)perylene
Concen: 2.127 ng/ul
RT: 25.867 min Scan# 7011
Delta R.T. -0.036 min
Lab File: BM032052.D
Acq: 03 Sep 2021 22:51



Tgt Ion: 276 Resp: 49216
Ion Ratio Lower Upper
276 100
138 17.9 14.5 21.7
277 24.1 21.2 31.8



Instrument :
BNA_M
ClientSampleId :
C0AB8

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