

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080521\
 Data File : BM031563.D
 Acq On : 07 Aug 2021 22:50
 Operator : CG/JU
 Sample : M3124-12DL 5X
 Misc :
 ALS Vial : 89 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0093DL

Manual Integrations
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Quant Time: Aug 09 08:59:37 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 : Fri Aug 06 18:39:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.583	152	1397	0.400	ng/ul	0.00
4) Naphthalene-d8	10.343	136	5163	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.216	164	3047	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.964	188	5706	0.400	ng/ul #	0.00
17) Chrysene-d12	21.159	240	5004	0.400	ng/ul #	0.00
23) Perylene-d12	23.312	264	5239	0.400	ng/ul #	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.189	96	3757	2.421	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.939	152	1353	0.156	ng/ul	0.00
18) Fluoranthene-d10	18.997	212	2916	0.175	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.392	128	4720	0.307	ng/ul	99
7) 2-Methylnaphthalene	12.016	142	3760	0.358	ng/ul	100
8) 1-Methylnaphthalene	12.236	142	2224	0.214	ng/ul	100
10) Acenaphthylene	13.936	152	26503	2.042	ng/ul	97
11) Acenaphthene	14.277	153	1317	0.121	ng/ul	94
12) Fluorene	15.270	166	3415	0.272	ng/ul#	96
14) Pentachlorophenol	16.621	266	70	0.038	ng/ul	92
15) Phenanthrene	17.006	178	89329	4.930	ng/ul	97
16) Anthracene	17.096	178	45307	2.671	ng/ul	98
19) Fluoranthene	19.028	202	542986	25.412	ng/ul	97
20) Pyrene	19.390	202	439328	20.271	ng/ul	96
21) Benzo(a)anthracene	21.142	228	253630	12.552	ng/ul	98
22) Chrysene	21.193	228	224889	10.757	ng/ul	98
24) Benzo(b)fluoranthene	22.677	252	319213m	13.523	ng/ul	
25) Benzo(k)fluoranthene	22.713	252	105233m	4.315	ng/ul	
26) Benzo(a)pyrene	23.222	252	196613m	9.511	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.446	276	129314	4.839	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.456	278	32750	1.521	ng/ul	97
29) Benzo(g,h,i)perylene	26.098	276	103365	4.534	ng/ul	98

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

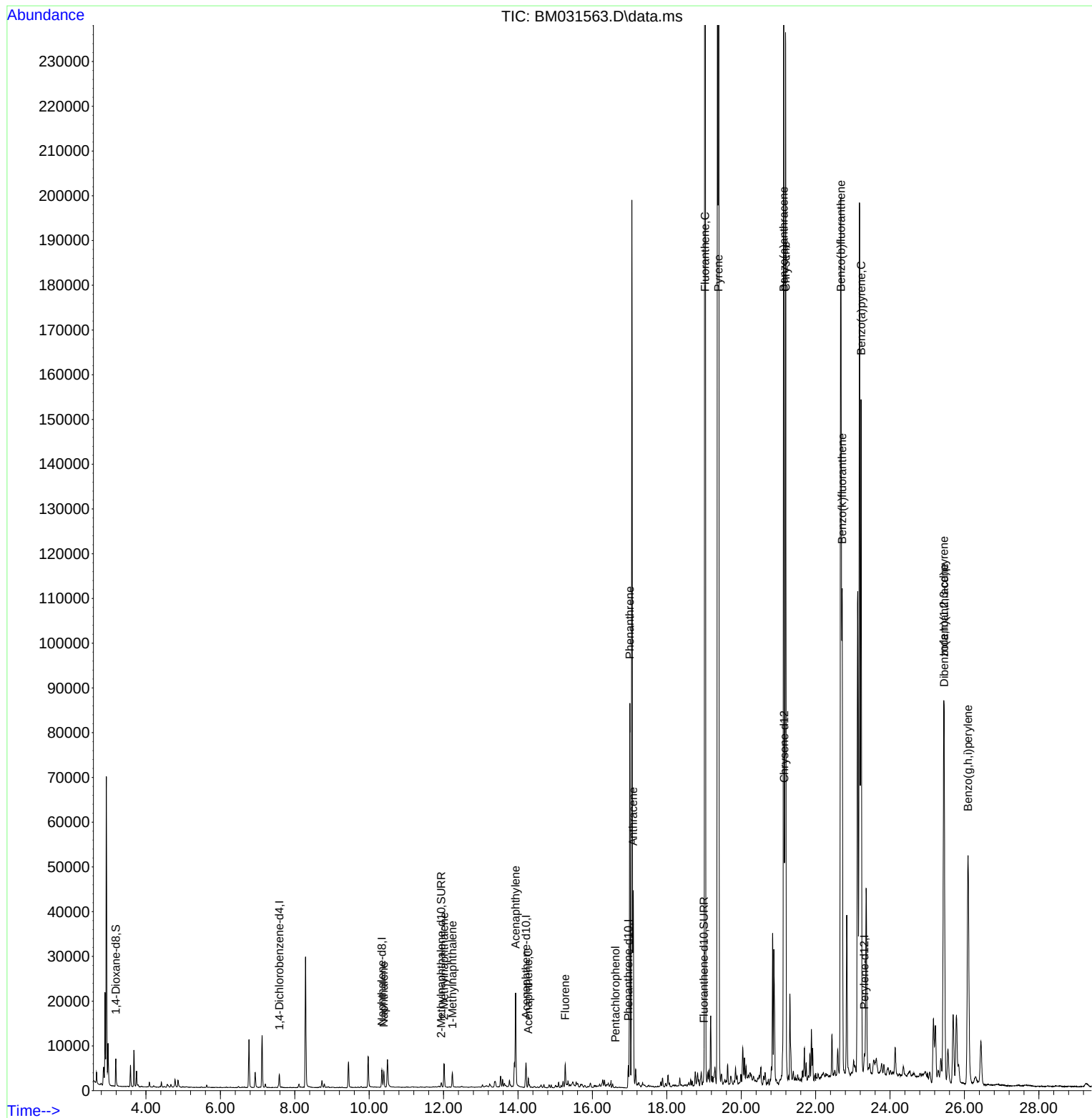
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Data File : BM031563.D
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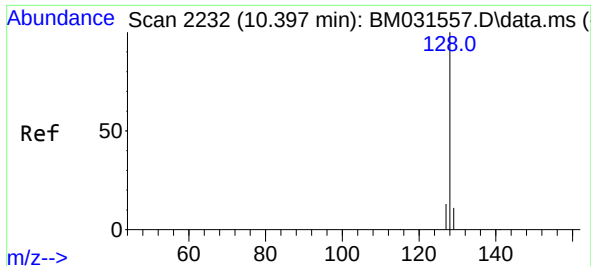
Instrument :
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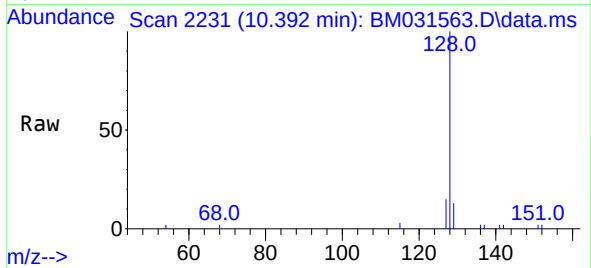
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Quant Time: Aug 09 08:59:37 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 06 18:39:21 2021
Response via : Initial Calibration

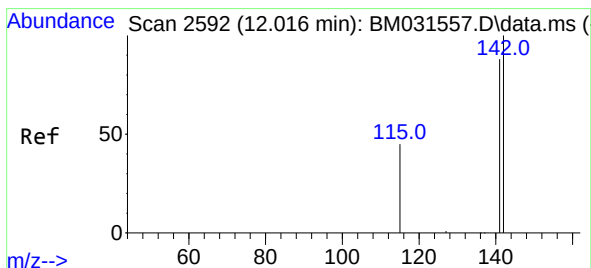
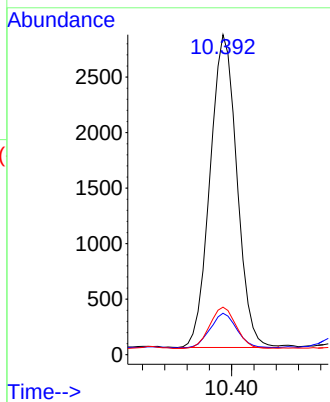
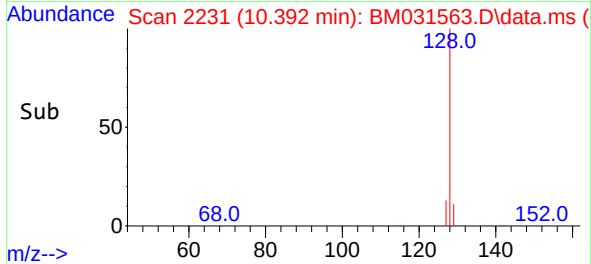




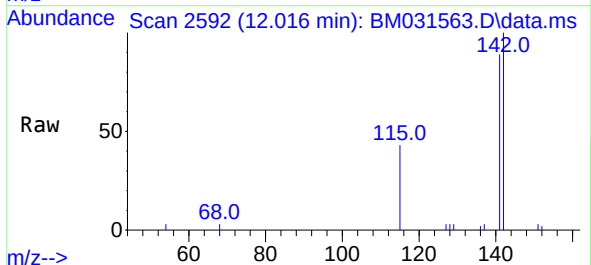
#5
Naphthalene
Concen: 0.307 ng/ul
RT: 10.392 min Scan# 2231
Delta R.T. -0.004 min
Lab File: BM031563.D
Acq: 07 Aug 2021 22:50



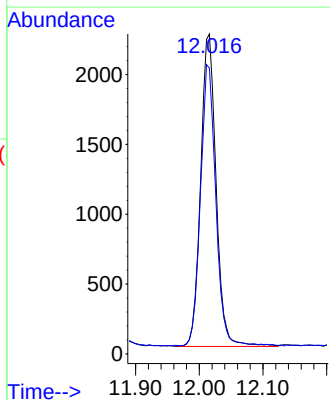
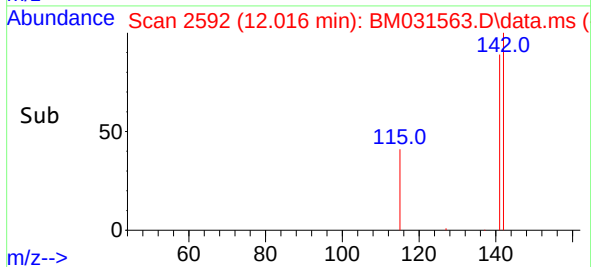
Tgt Ion:128 Resp: 4720
Ion Ratio Lower Upper
128 100
129 13.0 10.0 15.0
127 14.9 11.6 17.4



#7
2-Methylnaphthalene
Concen: 0.358 ng/ul
RT: 12.016 min Scan# 2592
Delta R.T. -0.004 min
Lab File: BM031563.D
Acq: 07 Aug 2021 22:50



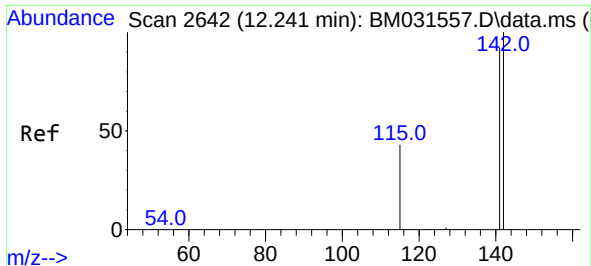
Tgt Ion:142 Resp: 3760
Ion Ratio Lower Upper
142 100
141 89.4 71.4 107.0



Instrument :
BNA_M
ClientSampleId :
C0093DL

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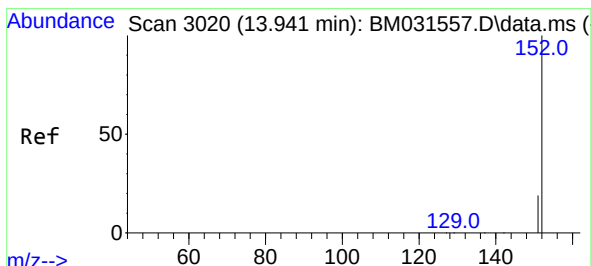
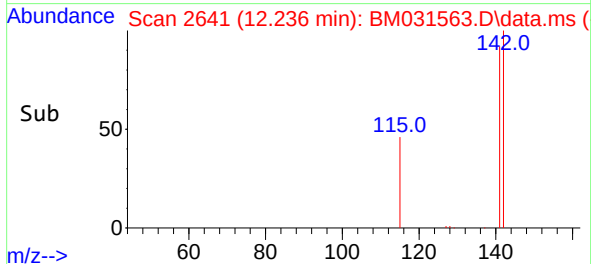
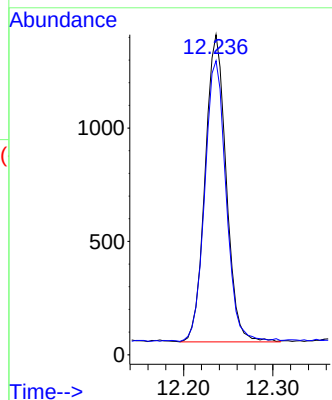
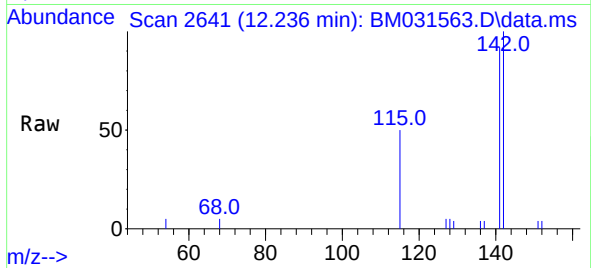
#8
1-Methylnaphthalene
Concen: 0.214 ng/ul
RT: 12.236 min Scan# 2641
Delta R.T. -0.004 min
Lab File: BM031563.D
Acq: 07 Aug 2021 22:50

Tgt Ion:142 Resp: 2224
Ion Ratio Lower Upper
142 100
141 92.5 74.1 111.1

Instrument :
BNA_M
ClientSampled :
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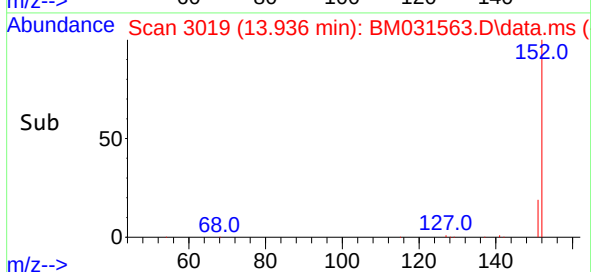
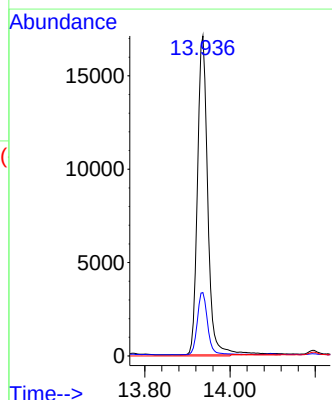
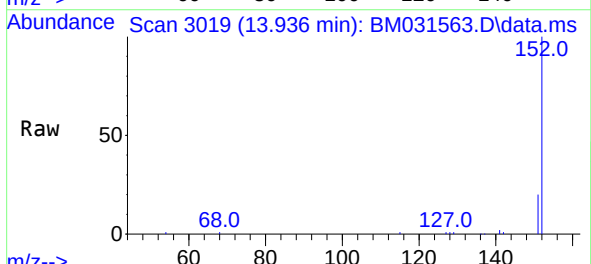
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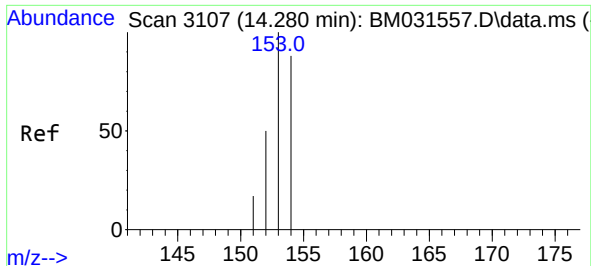
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#10
Acenaphthylene
Concen: 2.042 ng/ul
RT: 13.936 min Scan# 3019
Delta R.T. -0.004 min
Lab File: BM031563.D
Acq: 07 Aug 2021 22:50

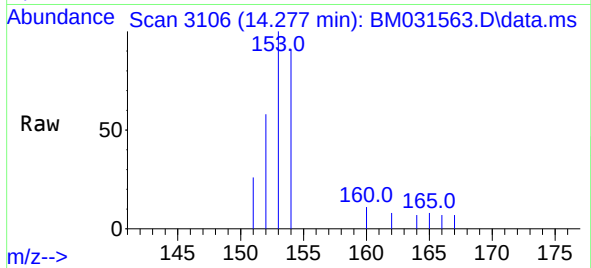
Tgt Ion:152 Resp: 26503
Ion Ratio Lower Upper
152 100
151 19.8 16.9 25.3
153 0.0 0.0 0.0





#11
Acenaphthene
Concen: 0.121 ng/ul
RT: 14.277 min Scan# 3106
Delta R.T. -0.007 min
Lab File: BM031563.D
Acq: 07 Aug 2021 22:50

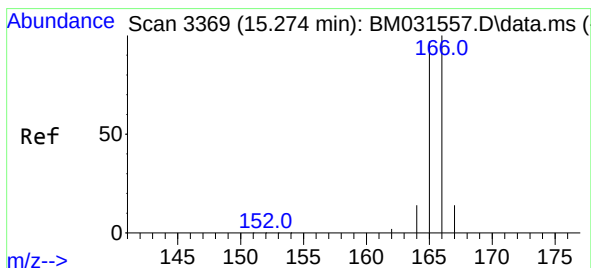
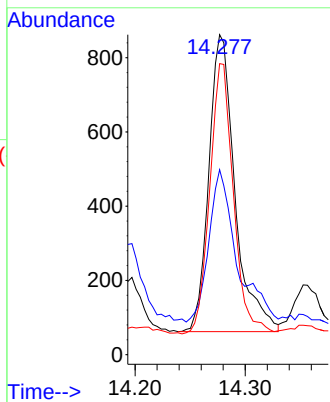
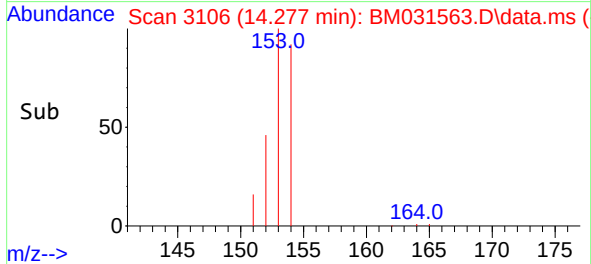
Instrument :
BNA_M
ClientSampled :
C0093DL



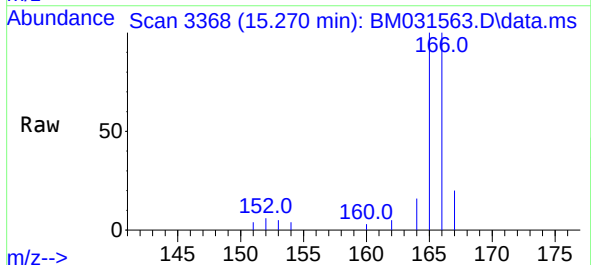
Tgt Ion:153 Resp: 1317
Ion Ratio Lower Upper
153 100
152 57.8 40.7 61.1
154 91.0 70.2 105.2

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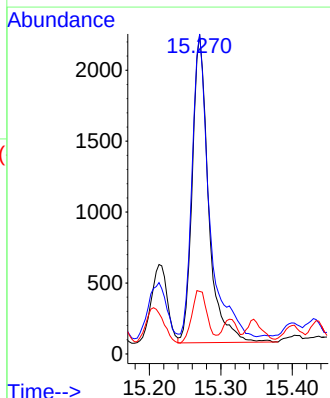
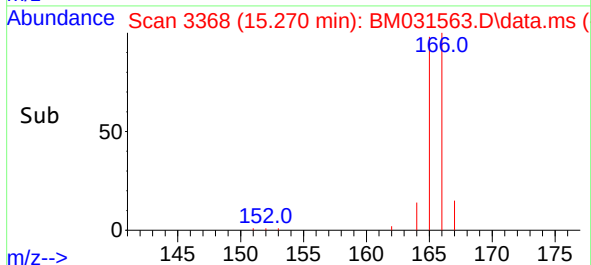
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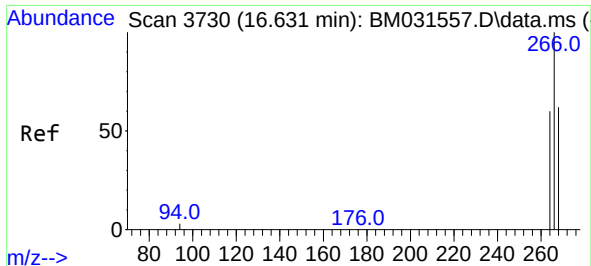


#12
Fluorene
Concen: 0.272 ng/ul
RT: 15.270 min Scan# 3368
Delta R.T. -0.004 min
Lab File: BM031563.D
Acq: 07 Aug 2021 22:50



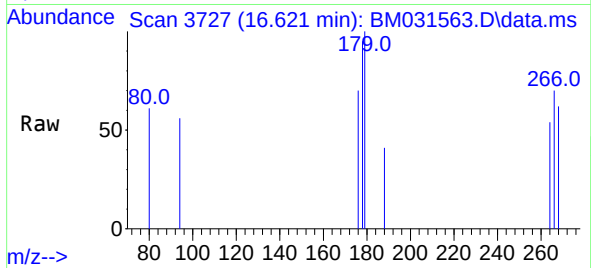
Tgt Ion:166 Resp: 3415
Ion Ratio Lower Upper
166 100
165 100.2 78.0 117.0
167 19.6 12.0 18.0#





#14
 Pentachlorophenol
 Concen: 0.038 ng/ul
 RT: 16.621 min Scan# 3727
 Delta R.T. -0.007 min
 Lab File: BM031563.D
 Acq: 07 Aug 2021 22:50

Instrument :
 BNA_M
 ClientSampleId :
 C0093DL

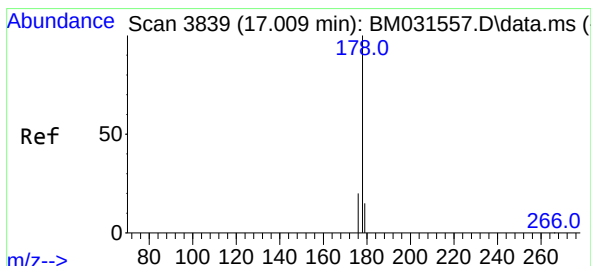
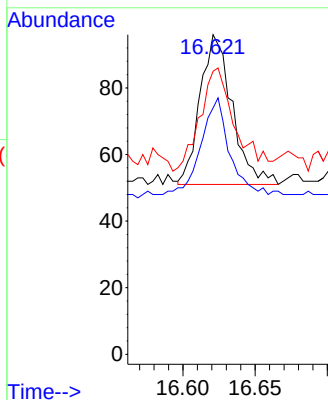
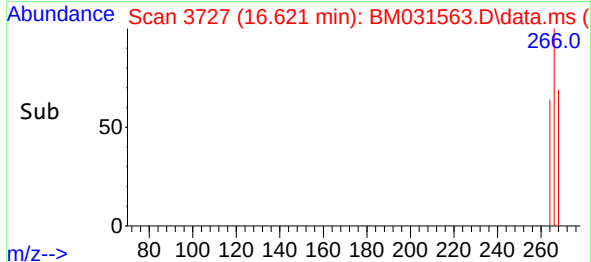


Tgt Ion:266 Resp: 70

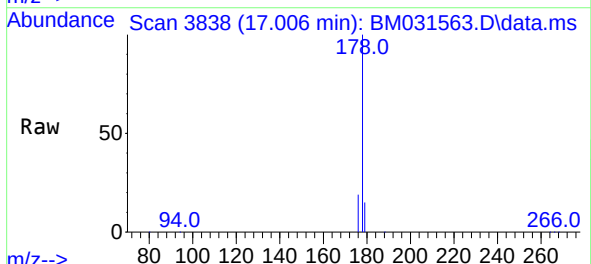
Ion	Ratio	Lower	Upper
266	100		
264	60.0	50.1	75.1
268	74.3	51.3	76.9

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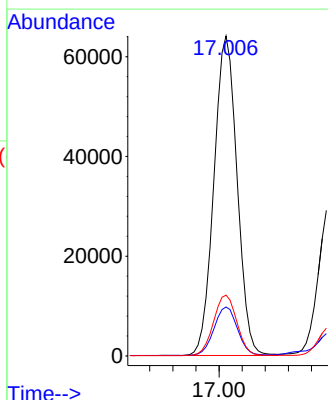
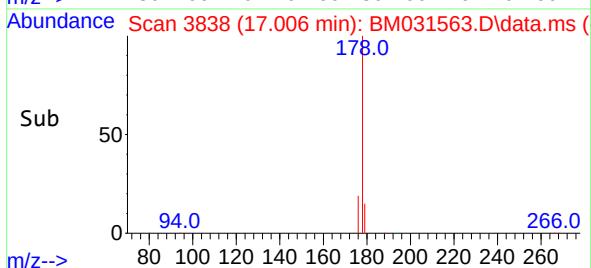


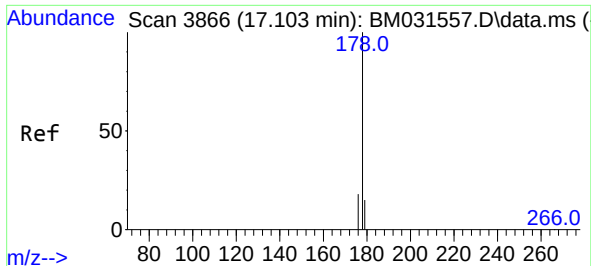
#15
 Phenanthrene
 Concen: 4.930 ng/ul
 RT: 17.006 min Scan# 3838
 Delta R.T. -0.007 min
 Lab File: BM031563.D
 Acq: 07 Aug 2021 22:50



Tgt Ion:178 Resp: 89329

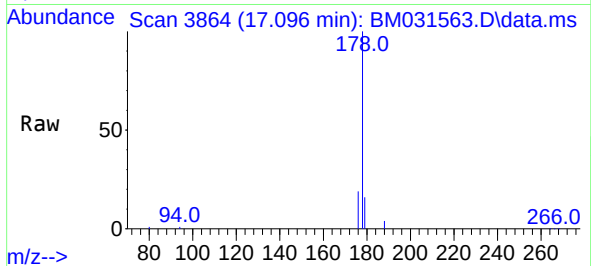
Ion	Ratio	Lower	Upper
178	100		
179	15.3	13.3	19.9
176	19.0	16.2	24.4





#16
 Anthracene
 Concen: 2.671 ng/ul
 RT: 17.096 min Scan# 3864
 Delta R.T. -0.007 min
 Lab File: BM031563.D
 Acq: 07 Aug 2021 22:50

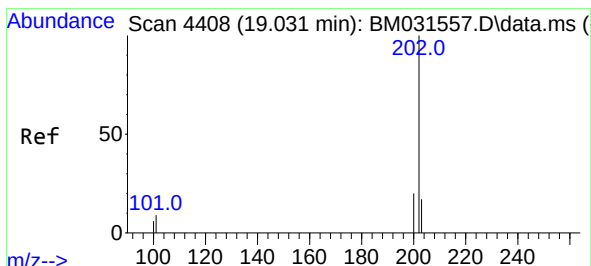
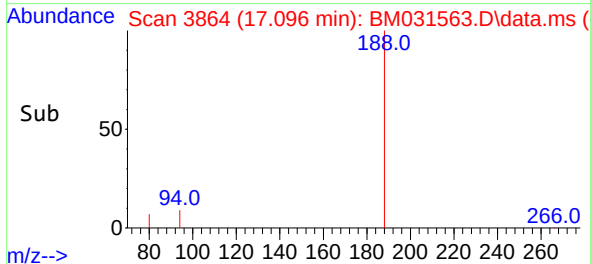
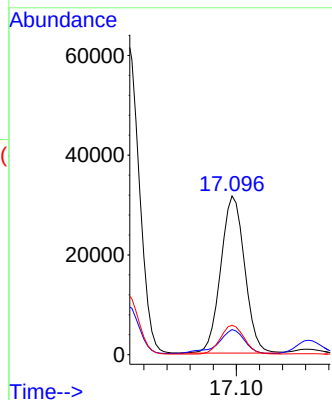
Instrument :
 BNA_M
 ClientSampleId :
 C0093DL



Tgt Ion:178 Resp: 45307
 Ion Ratio Lower Upper
 178 100
 179 15.8 13.0 19.6
 176 18.6 15.6 23.4

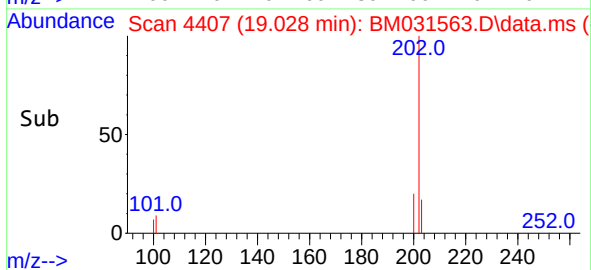
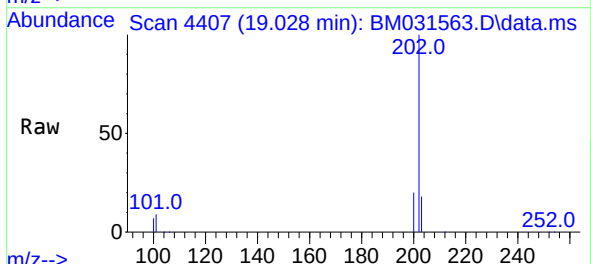
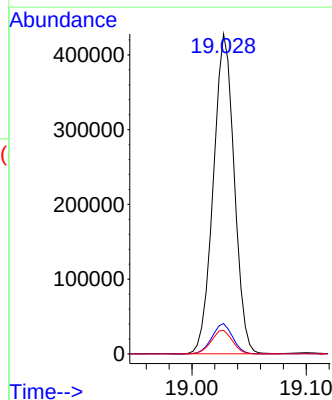
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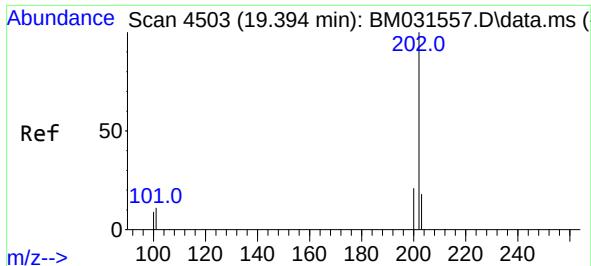
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#19
 Fluoranthene
 Concen: 25.412 ng/ul
 RT: 19.028 min Scan# 4407
 Delta R.T. -0.004 min
 Lab File: BM031563.D
 Acq: 07 Aug 2021 22:50

Tgt Ion:202 Resp: 542986
 Ion Ratio Lower Upper
 202 100
 101 9.5 6.6 10.0
 100 7.4 5.4 8.0





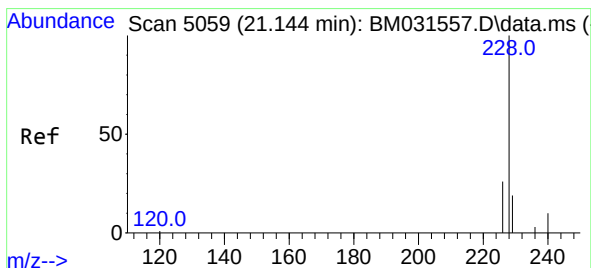
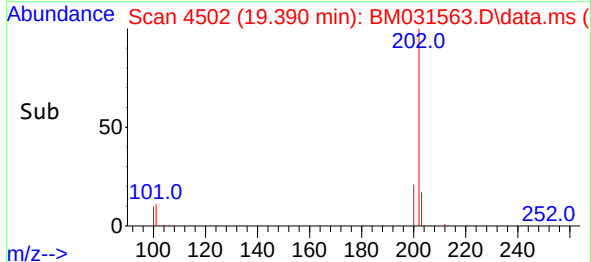
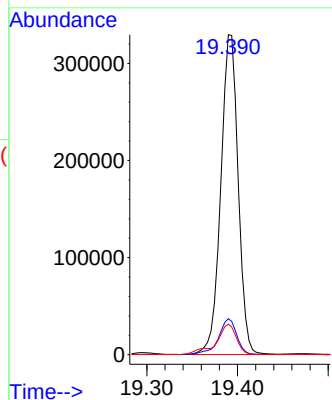
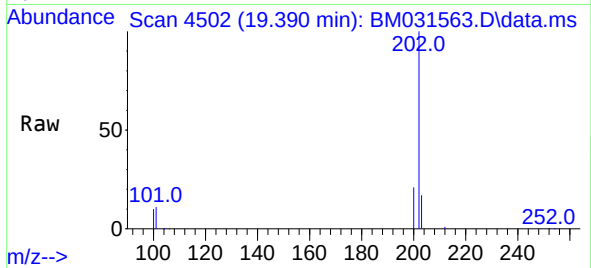
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Pyrene
Concen: 20.271 ng/u1
RT: 19.390 min Scan# 4502
Delta R.T. -0.007 min
Lab File: BM031563.D
Acq: 07 Aug 2021 22:50

Tgt Ion:202 Resp: 439328
Ion Ratio Lower Upper
202 100
101 11.2 7.8 11.6
100 9.6 6.6 10.0

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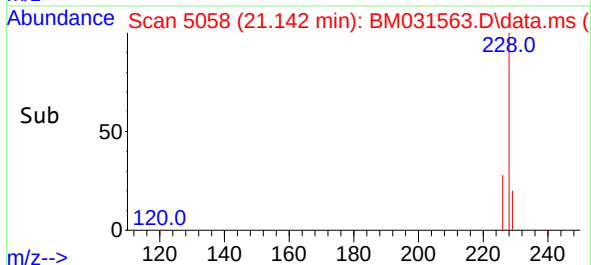
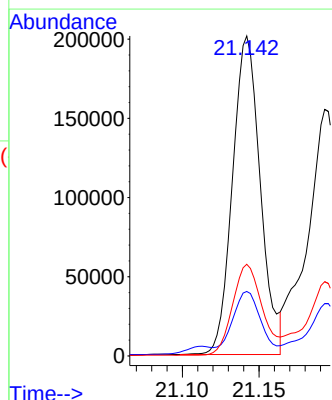
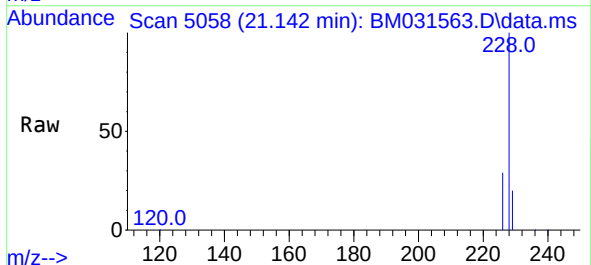
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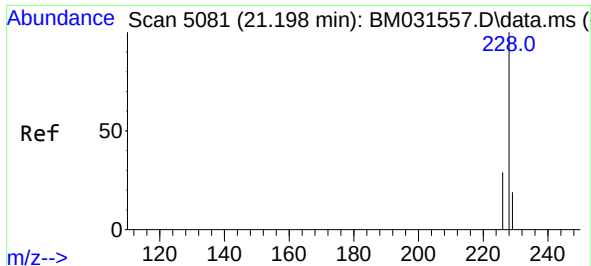
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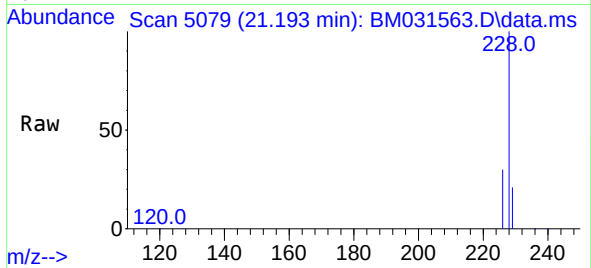
#21
Benzo(a)anthracene
Concen: 12.552 ng/u1
RT: 21.142 min Scan# 5058
Delta R.T. -0.009 min
Lab File: BM031563.D
Acq: 07 Aug 2021 22:50

Tgt Ion:228 Resp: 253630
Ion Ratio Lower Upper
228 100
229 20.1 15.6 23.4
226 28.6 21.7 32.5

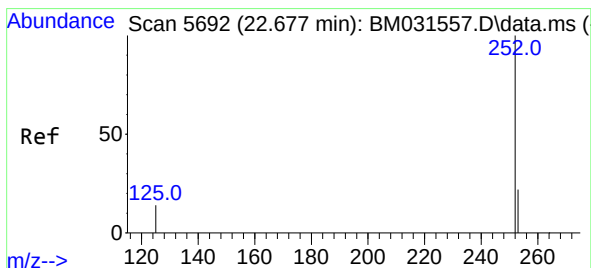
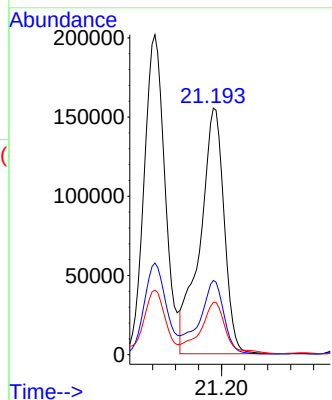
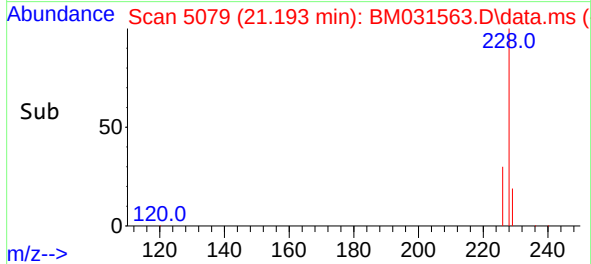




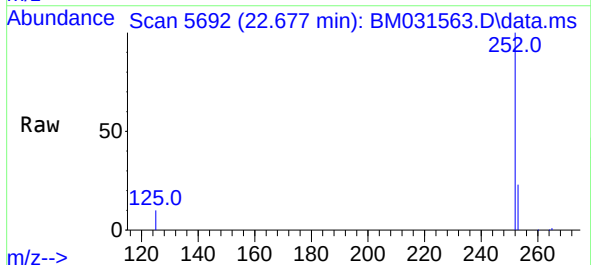
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Chrysene
Concen: 10.757 ng/ul
RT: 21.193 min Scan# 5079
Delta R.T. -0.007 min
Lab File: BM031563.D
Acq: 07 Aug 2021 22:50



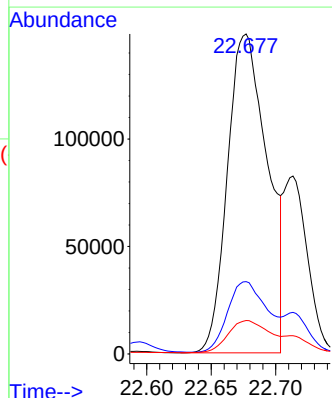
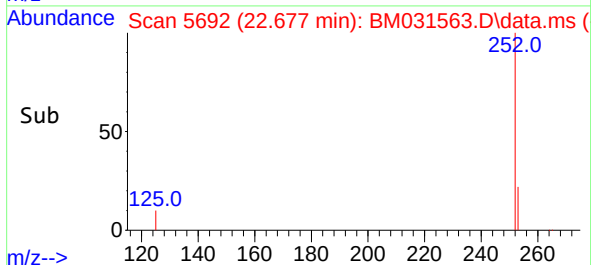
Tgt Ion:228 Resp: 224889
Ion Ratio Lower Upper
228 100
226 30.1 24.7 37.1
229 21.2 16.2 24.2



#24
Benzo(b)fluoranthene
Concen: 13.523 ng/ul m
RT: 22.677 min Scan# 5692
Delta R.T. -0.005 min
Lab File: BM031563.D
Acq: 07 Aug 2021 22:50



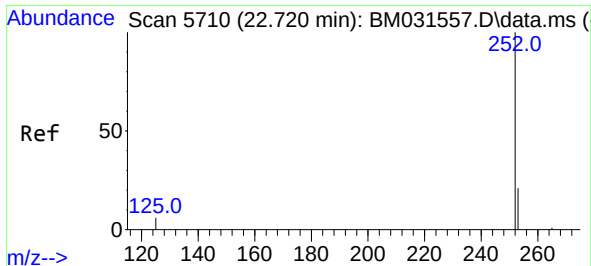
Tgt Ion:252 Resp: 319213
Ion Ratio Lower Upper
252 100
253 22.6 0.0 53.0
125 10.4 0.0 22.8



Instrument :
BNA_M
ClientSampled :
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Manual Integrations
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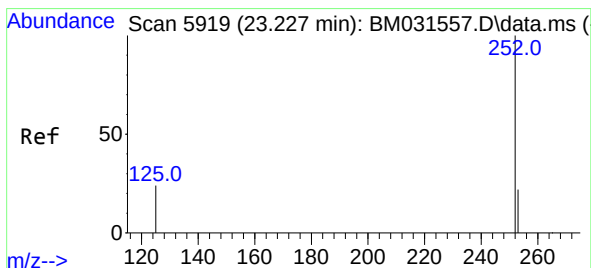
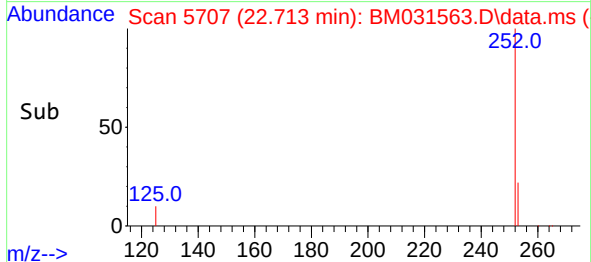
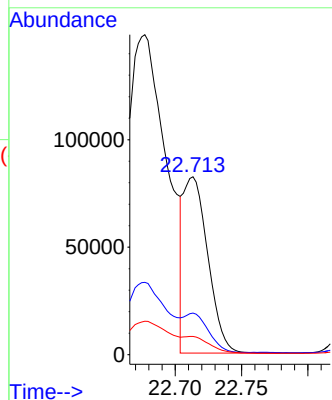
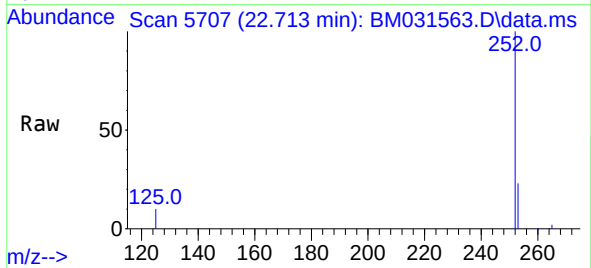
#25
Benzo(k)fluoranthene
Concen: 4.315 ng/ul m
RT: 22.713 min Scan# 5707
Delta R.T. -0.009 min
Lab File: BM031563.D
Acq: 07 Aug 2021 22:50

Tgt Ion:	252	Resp:	105233
Ion Ratio	Lower	Upper	
252	100		
253	23.4	21.3	31.9
125	10.3	8.8	13.2

Instrument :
BNA_M
ClientSampleId :
C0093DL

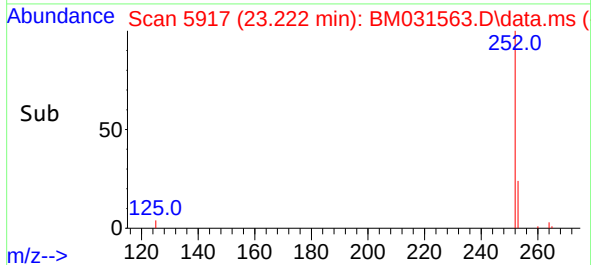
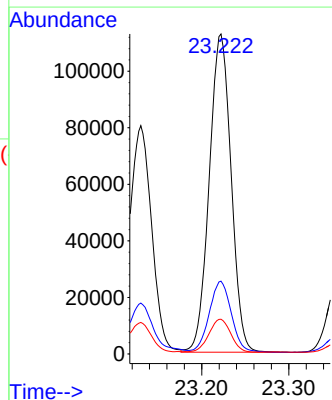
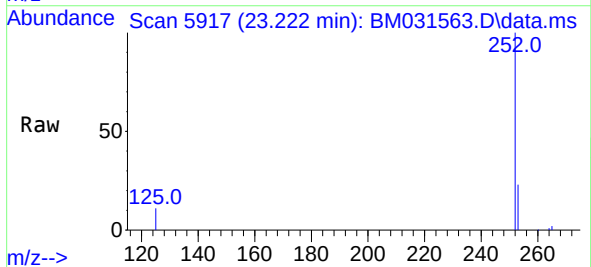
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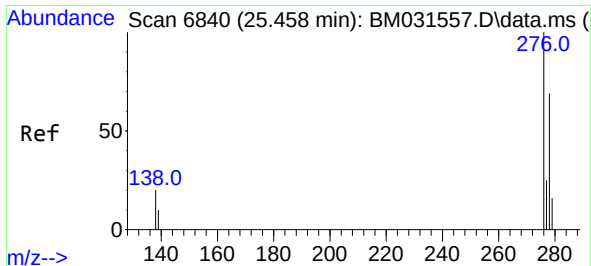
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#26
Benzo(a)pyrene
Concen: 9.511 ng/ul m
RT: 23.222 min Scan# 5917
Delta R.T. -0.009 min
Lab File: BM031563.D
Acq: 07 Aug 2021 22:50

Tgt Ion:	252	Resp:	196613
Ion Ratio	Lower	Upper	
252	100		
253	22.8	22.4	33.6
125	10.8	13.0	19.4#





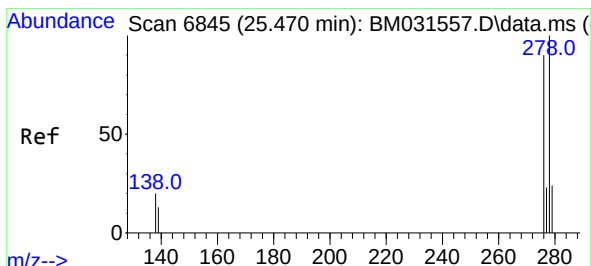
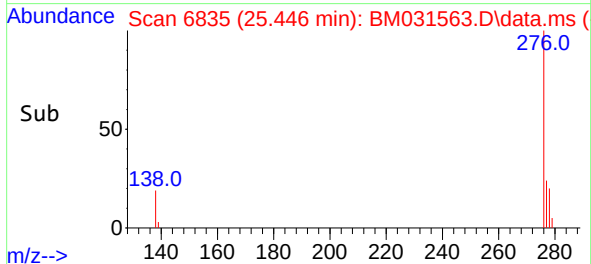
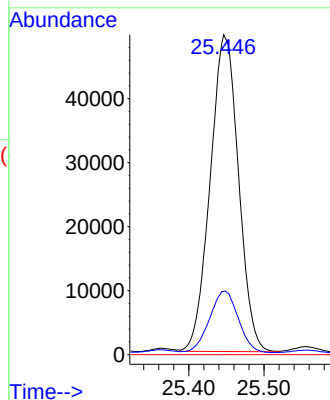
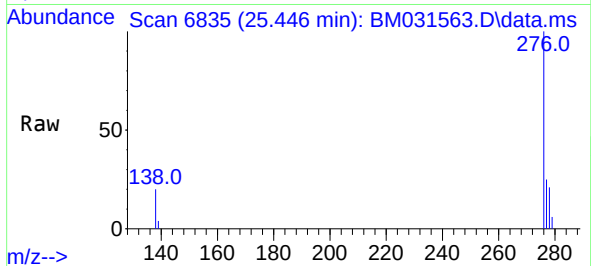
#27
Indeno(1,2,3-cd)pyrene
Concen: 4.839 ng/ul
RT: 25.446 min Scan# 6835
Delta R.T. -0.017 min
Lab File: BM031563.D
Acq: 07 Aug 2021 22:50

Tgt Ion: 276 Resp: 129314
Ion Ratio Lower Upper
276 100
138 19.9 15.8 23.8
227 0.0 0.0 0.0

Instrument :
BNA_M
ClientSampleID :
C0093DL

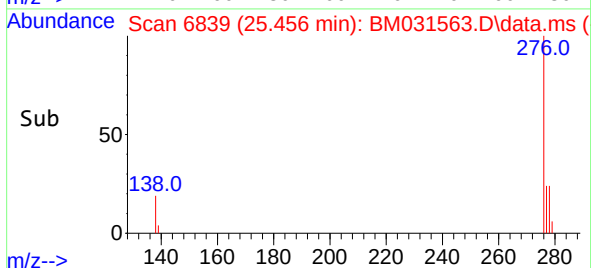
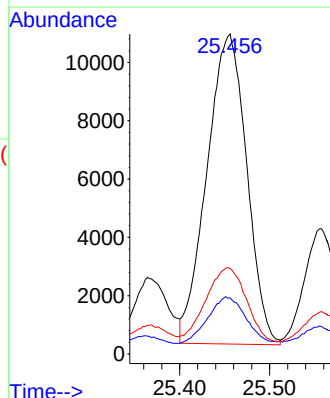
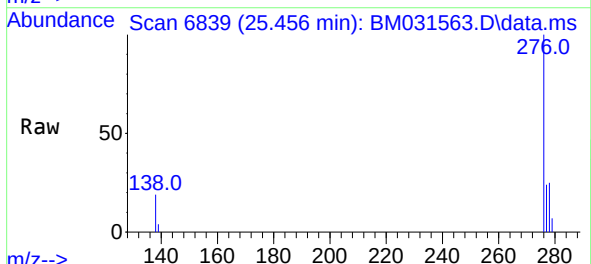
Manual Integrations
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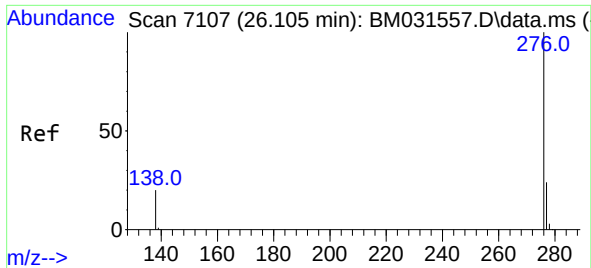
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#28
Dibenzo(a,h)anthracene
Concen: 1.521 ng/ul
RT: 25.456 min Scan# 6839
Delta R.T. -0.019 min
Lab File: BM031563.D
Acq: 07 Aug 2021 22:50

Tgt Ion: 278 Resp: 32750
Ion Ratio Lower Upper
278 100
139 17.5 13.3 19.9
279 26.7 22.8 34.2





#29
Benzo(g,h,i)perylene
Concen: 4.534 ng/ul
RT: 26.098 min Scan# 7104
Delta R.T. -0.017 min
Lab File: BM031563.D
Acq: 07 Aug 2021 22:50

Tgt Ion:	276	Resp:	103365
Ion	Ratio	Lower	Upper
276	100		
138	20.2	15.4	23.2
277	23.9	19.9	29.9

Instrument :
BNA_M
ClientSampleId :
C0093DL

Manual Integrations
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