

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080921\
 Data File : BM031627.D
 Acq On : 10 Aug 2021 06:18
 Operator : CG/JU
 Sample : M3169-07
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00A6

Manual Integrations
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Quant Time: Aug 10 08:56:23 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 : Tue Aug 10 08:05:02 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.576	152	1450	0.400	ng/ul	0.00
4) Naphthalene-d8	10.334	136	5272	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.208	164	3467	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.961	188	5545	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.156	240	4368	0.400	ng/ul	# 0.00
23) Perylene-d12	23.312	264	4294	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.182	96	8004	4.970	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.930	152	2931	0.330	ng/ul	0.00
18) Fluoranthene-d10	18.993	212	5504	0.378	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.383	128	43177	2.749	ng/ul	97
7) 2-Methylnaphthalene	12.007	142	33922	3.162	ng/ul	100
8) 1-Methylnaphthalene	12.227	142	17489	1.650	ng/ul	99
10) Acenaphthylene	13.927	152	19941	1.350	ng/ul	99
11) Acenaphthene	14.273	153	2553m	0.205	ng/ul	
12) Fluorene	15.266	166	3755	0.263	ng/ul#	87
15) Phenanthrene	17.002	178	114619	6.510	ng/ul	97
16) Anthracene	17.093	178	23651	1.435	ng/ul	99
19) Fluoranthene	19.024	202	185900	9.967	ng/ul	97
20) Pyrene	19.390	202	168753	8.920	ng/ul	98
21) Benzo(a)anthracene	21.139	228	98194	5.567	ng/ul	94
22) Chrysene	21.190	228	119566	6.552	ng/ul	97
24) Benzo(b)fluoranthene	22.674	252	169588m	8.766	ng/ul	
25) Benzo(k)fluoranthene	22.711	252	52245m	2.614	ng/ul	
26) Benzo(a)pyrene	23.219	252	100031	5.904	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.444	276	78993	3.607	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.451	278	19601	1.110	ng/ul#	93
29) Benzo(g,h,i)perylene	26.095	276	67409	3.608	ng/ul	98

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

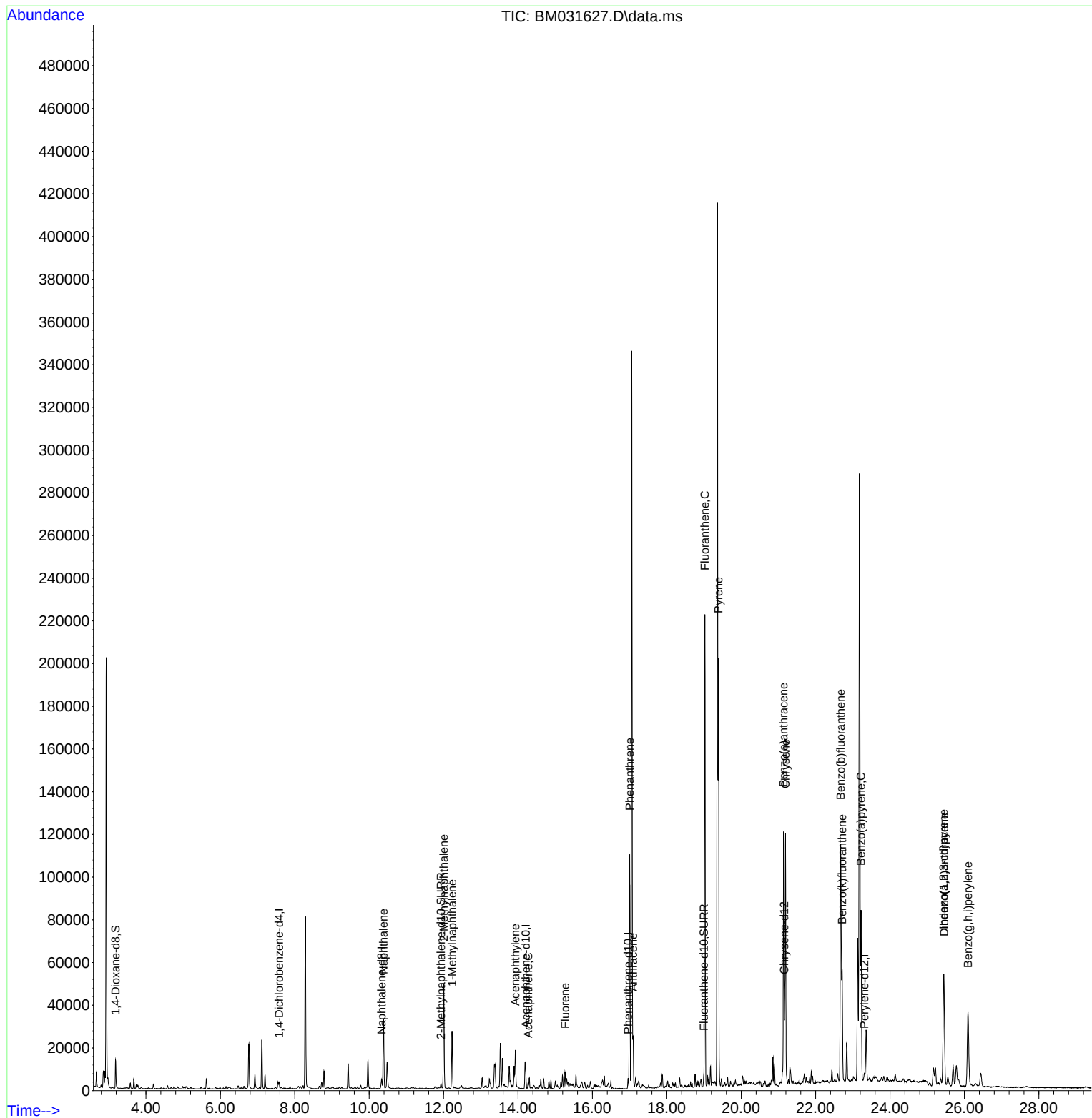
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080921\
Data File : BM031627.D
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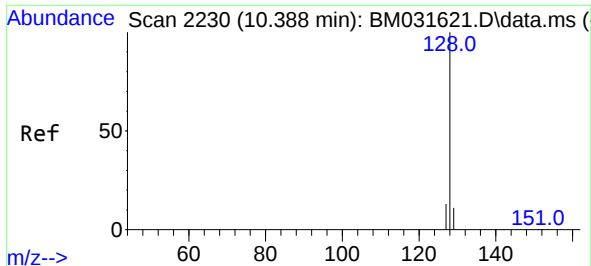
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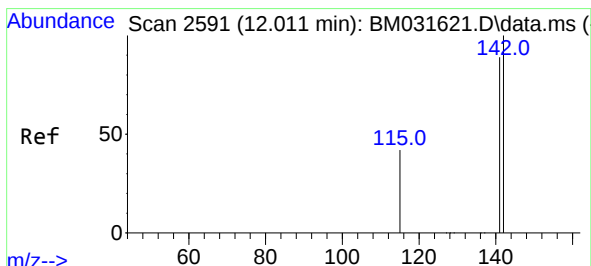
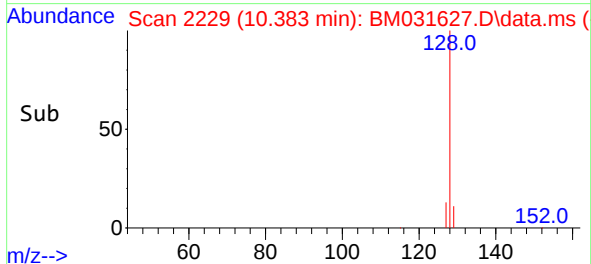
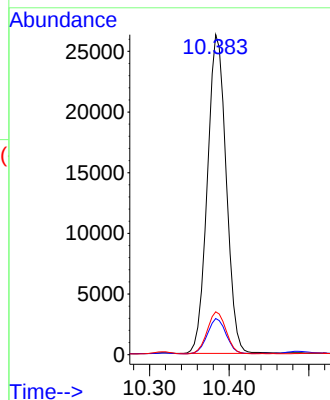
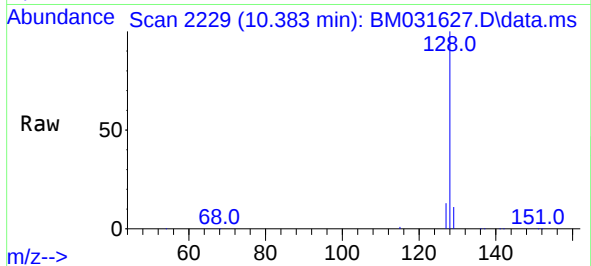
#5
Naphthalene
Concen: 2.749 ng/ul
RT: 10.383 min Scan# 2229
Delta R.T. -0.005 min
Lab File: BM031627.D
Acq: 10 Aug 2021 06:18

Tgt Ion:	128	Resp:	43177
Ion Ratio	Lower	Upper	
128	100		
129	11.3	10.0	15.0
127	13.4	11.6	17.4

Instrument :
BNA_M
ClientSampled :
C00A6

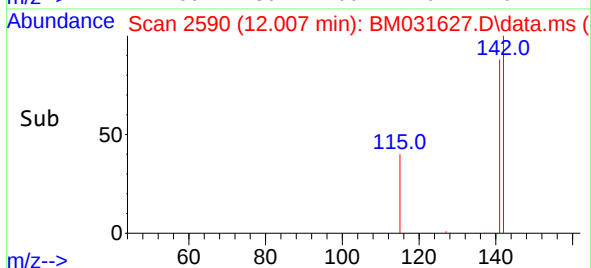
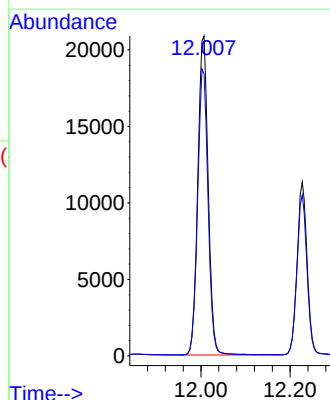
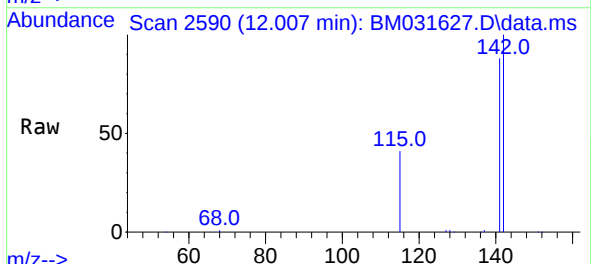
Manual Integrations
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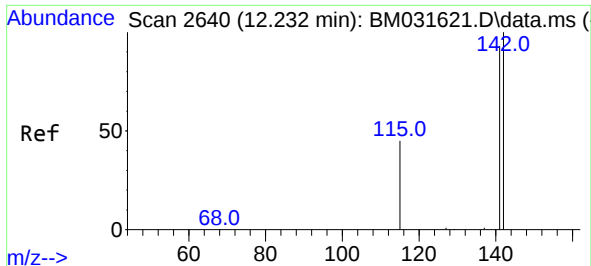
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#7
2-Methylnaphthalene
Concen: 3.162 ng/ul
RT: 12.007 min Scan# 2590
Delta R.T. -0.005 min
Lab File: BM031627.D
Acq: 10 Aug 2021 06:18

Tgt Ion:	142	Resp:	33922
Ion Ratio	Lower	Upper	
142	100		
141	89.1	71.4	107.0





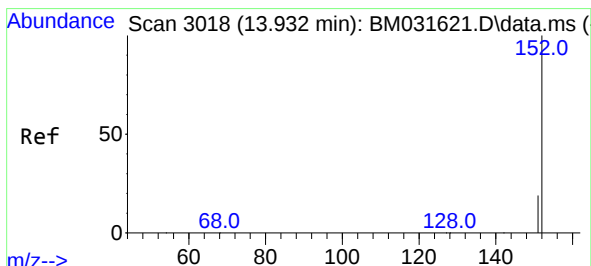
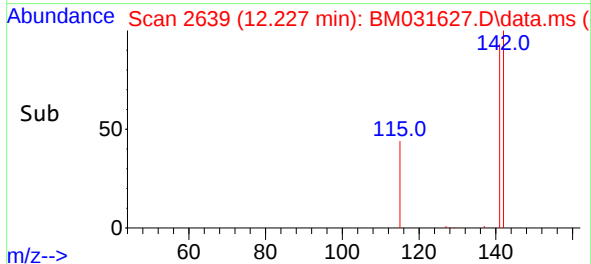
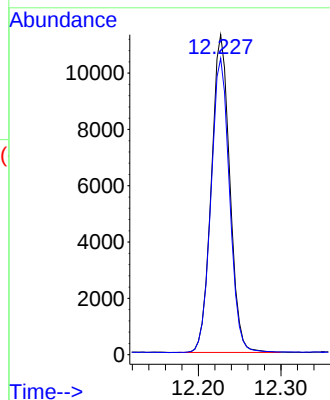
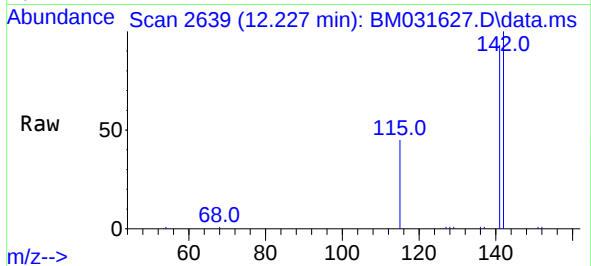
#8
1-Methylnaphthalene
Concen: 1.650 ng/ul
RT: 12.227 min Scan# 2639
Delta R.T. -0.005 min
Lab File: BM031627.D
Acq: 10 Aug 2021 06:18

Tgt Ion:142 Resp: 17489
Ion Ratio Lower Upper
142 100
141 93.2 74.1 111.1

Instrument :
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ClientSampled :
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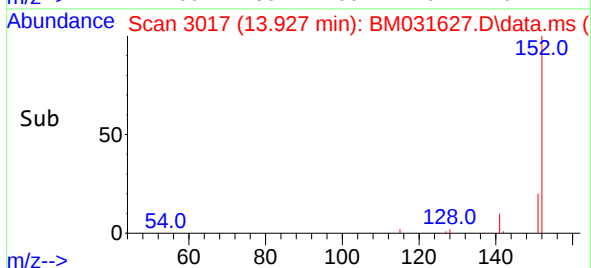
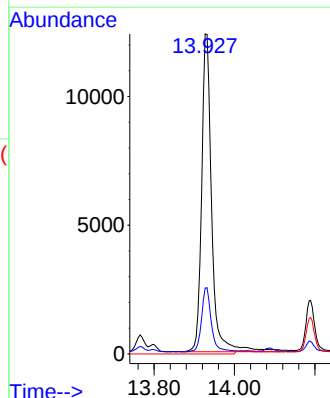
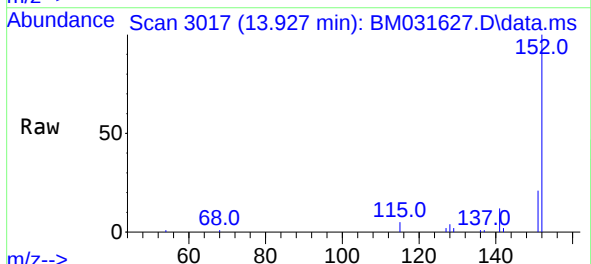
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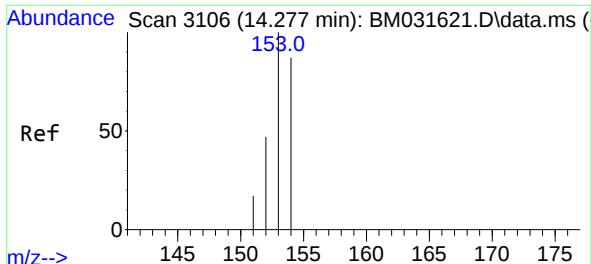
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#10
Acenaphthylene
Concen: 1.350 ng/ul
RT: 13.927 min Scan# 3017
Delta R.T. -0.005 min
Lab File: BM031627.D
Acq: 10 Aug 2021 06:18

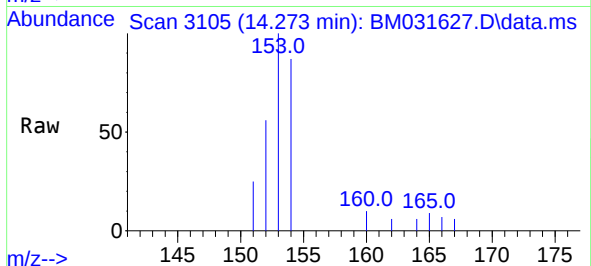
Tgt Ion:152 Resp: 19941
Ion Ratio Lower Upper
152 100
151 20.6 16.9 25.3
153 0.0 0.0 0.0





#11
Acenaphthene
Concen: 0.205 ng/ul m
RT: 14.273 min Scan# 3105
Delta R.T. -0.004 min
Lab File: BM031627.D
Acq: 10 Aug 2021 06:18

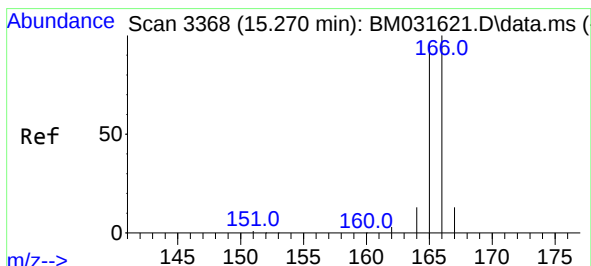
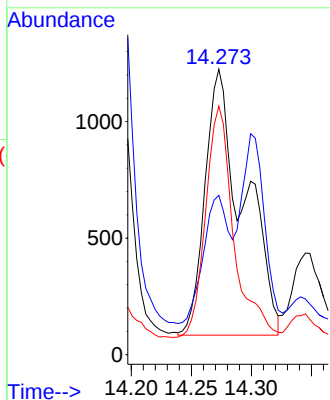
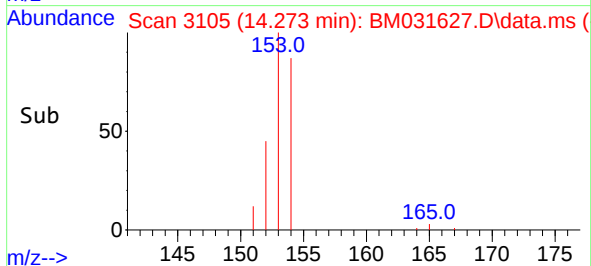
Instrument :
BNA_M
ClientSampled :
C00A6



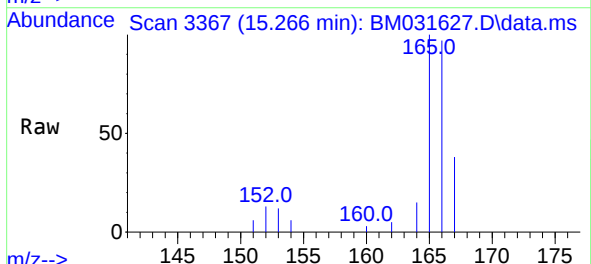
Tgt Ion:153 Resp: 2553
Ion Ratio Lower Upper
153 100
152 55.8 40.7 61.1
154 87.0 70.2 105.2

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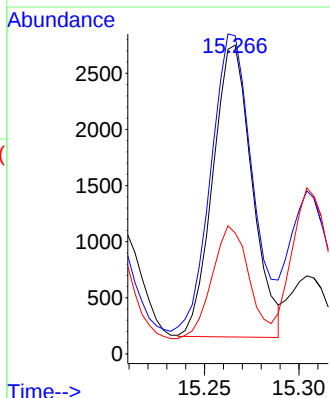
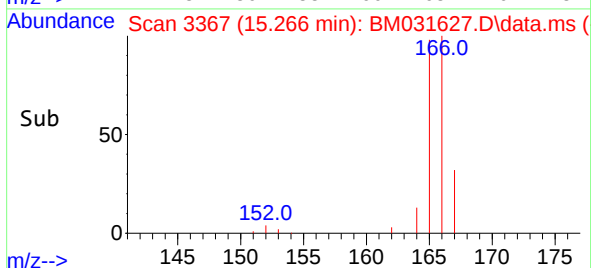
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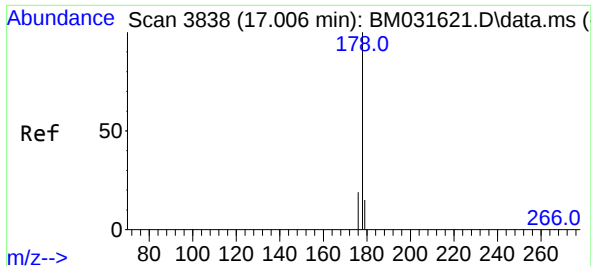


#12
Fluorene
Concen: 0.263 ng/ul
RT: 15.266 min Scan# 3367
Delta R.T. -0.004 min
Lab File: BM031627.D
Acq: 10 Aug 2021 06:18



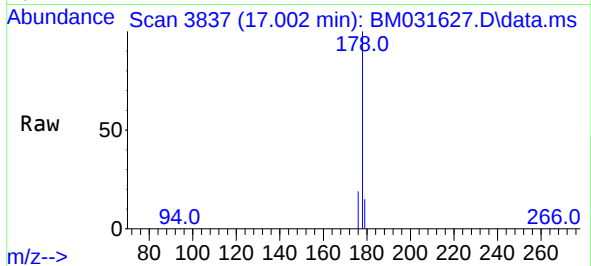
Tgt Ion:166 Resp: 3755
Ion Ratio Lower Upper
166 100
165 103.1 78.0 117.0
167 39.2 12.0 18.0#





#15
Phenanthrene
Concen: 6.510 ng/ul
RT: 17.002 min Scan# 3837
Delta R.T. -0.007 min
Lab File: BM031627.D
Acq: 10 Aug 2021 06:18

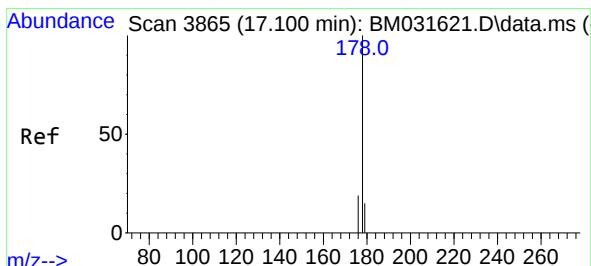
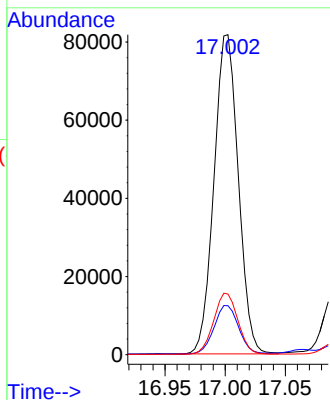
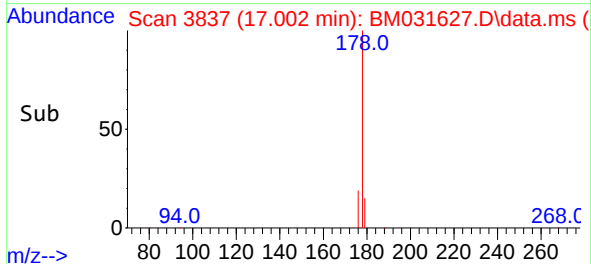
Instrument :
BNA_M
ClientSampled :
C00A6



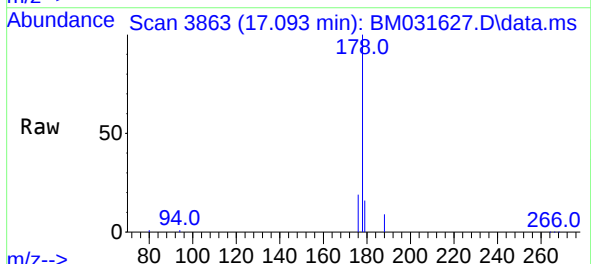
Tgt Ion:178 Resp: 114619
Ion Ratio Lower Upper
178 100
179 15.3 13.3 19.9
176 19.0 16.2 24.4

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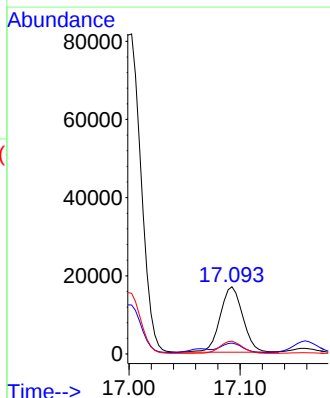
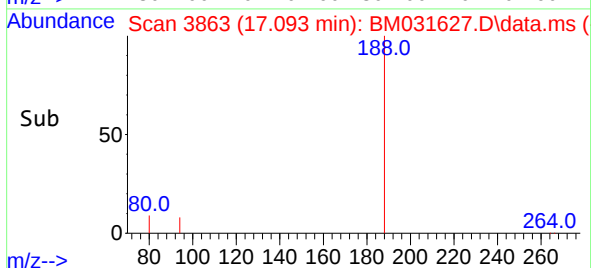
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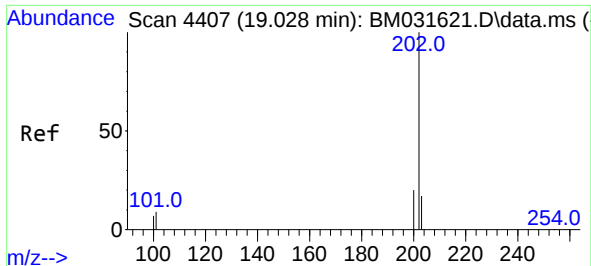


#16
Anthracene
Concen: 1.435 ng/ul
RT: 17.093 min Scan# 3863
Delta R.T. -0.011 min
Lab File: BM031627.D
Acq: 10 Aug 2021 06:18



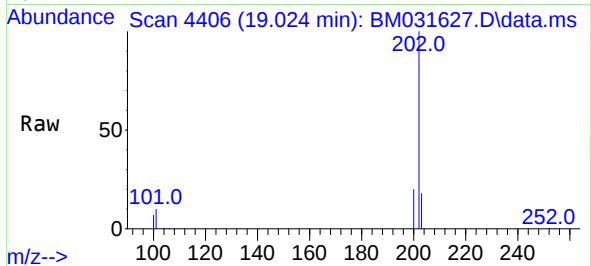
Tgt Ion:178 Resp: 23651
Ion Ratio Lower Upper
178 100
179 16.3 13.0 19.6
176 19.0 15.6 23.4





#19
Fluoranthene
Concen: 9.967 ng/u1
RT: 19.024 min Scan# 4406
Delta R.T. -0.004 min
Lab File: BM031627.D
Acq: 10 Aug 2021 06:18

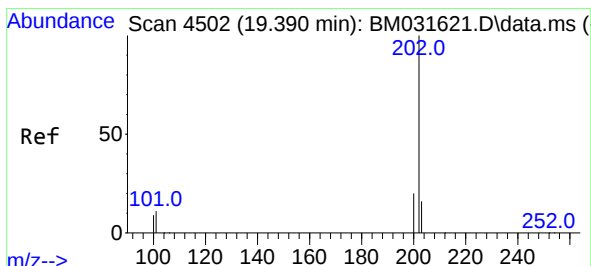
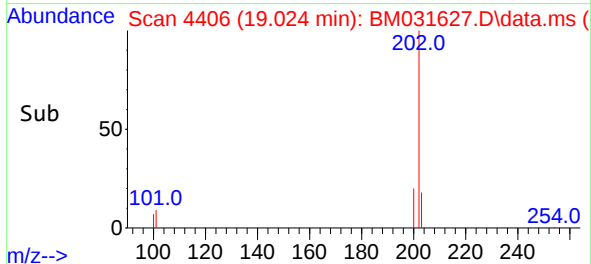
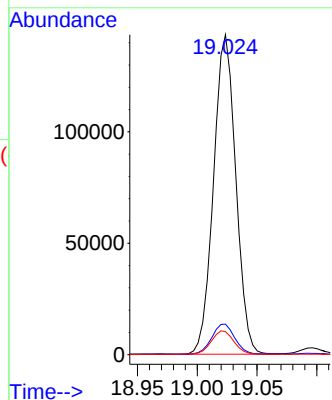
Instrument :
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C00A6



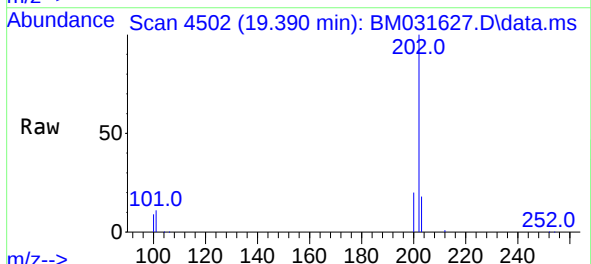
Tgt Ion:202 Resp: 185900
Ion Ratio Lower Upper
202 100
101 9.6 6.6 10.0
100 7.2 5.4 8.0

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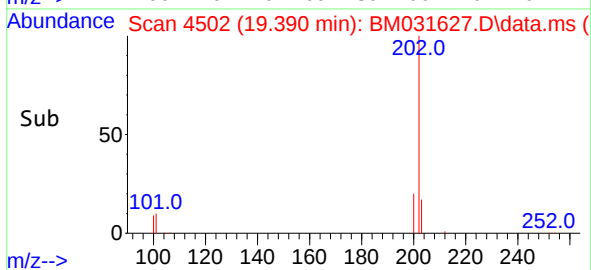
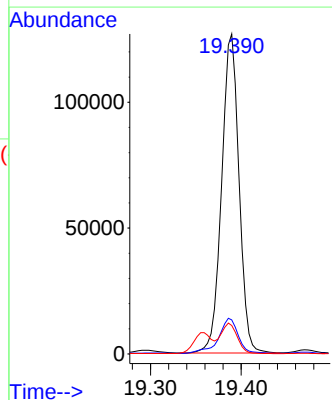
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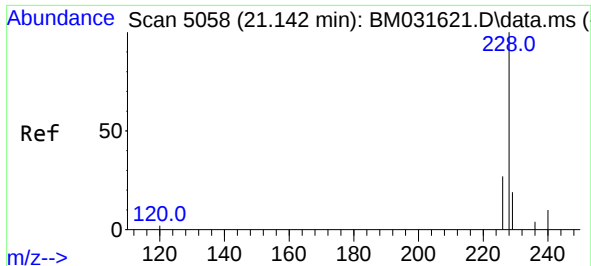


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Pyrene
Concen: 8.920 ng/u1
RT: 19.390 min Scan# 4502
Delta R.T. -0.004 min
Lab File: BM031627.D
Acq: 10 Aug 2021 06:18



Tgt Ion:202 Resp: 168753
Ion Ratio Lower Upper
202 100
101 10.7 7.8 11.6
100 8.9 6.6 10.0





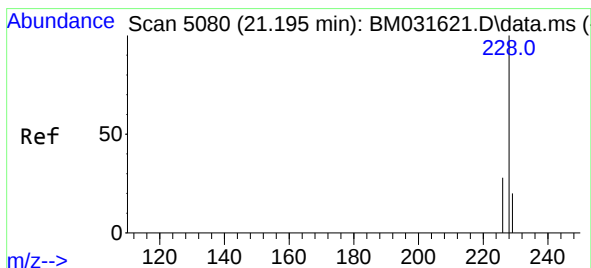
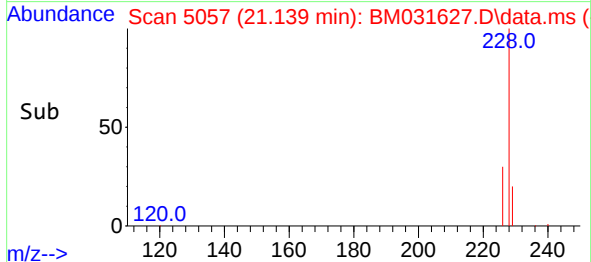
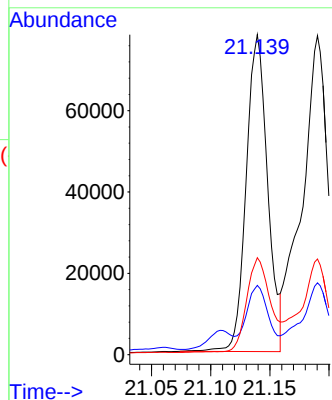
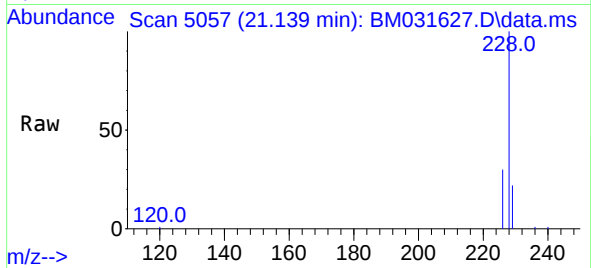
#21
Benzo(a)anthracene
Concen: 5.567 ng/ul
RT: 21.139 min Scan# 5057
Delta R.T. -0.007 min
Lab File: BM031627.D
Acq: 10 Aug 2021 06:18

Tgt Ion:	228	Resp:	98194
Ion Ratio	Lower	Upper	
228	100		
229	21.6	15.6	23.4
226	30.3	21.7	32.5

Instrument :
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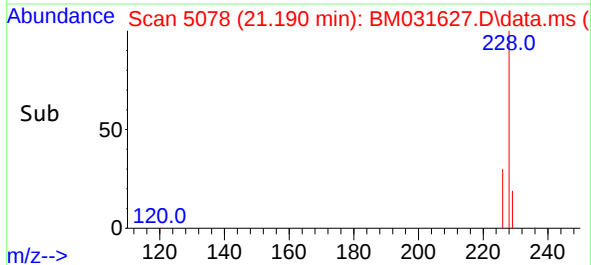
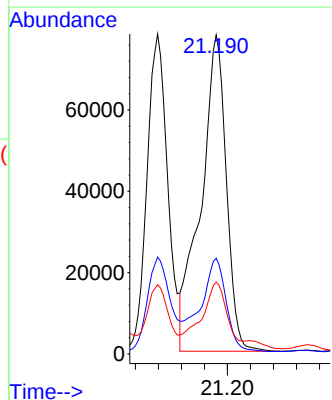
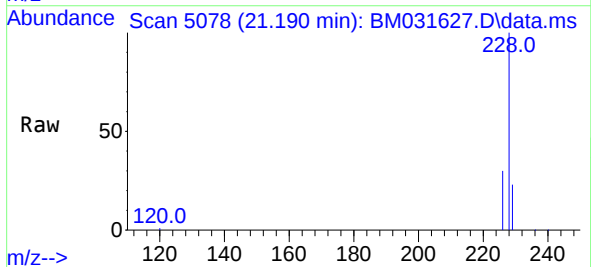
Manual Integrations
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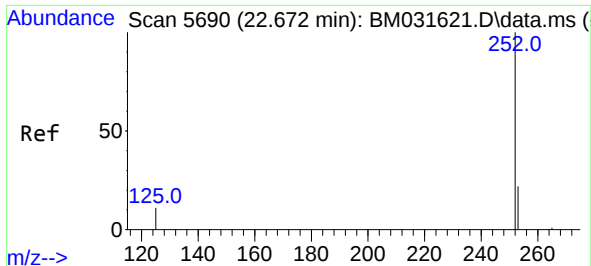
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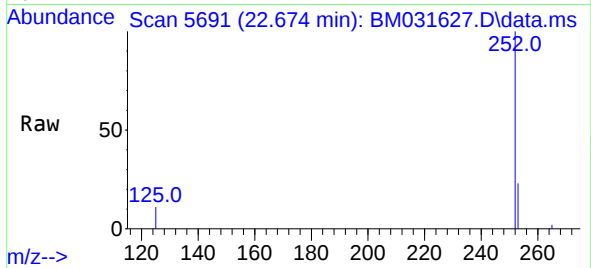
#22
Chrysene
Concen: 6.552 ng/ul
RT: 21.190 min Scan# 5078
Delta R.T. -0.005 min
Lab File: BM031627.D
Acq: 10 Aug 2021 06:18

Tgt Ion:	228	Resp:	119566
Ion Ratio	Lower	Upper	
228	100		
226	30.0	24.7	37.1
229	22.5	16.2	24.2

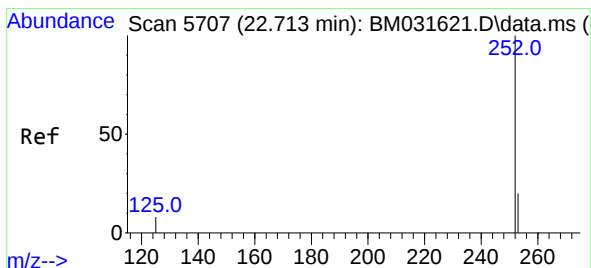
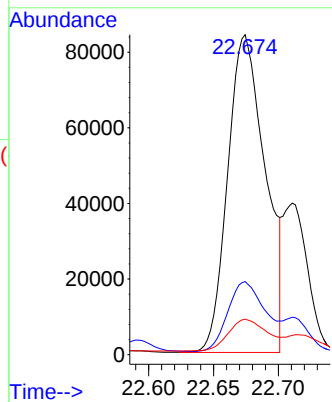
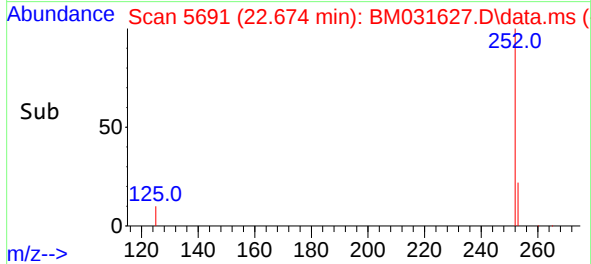




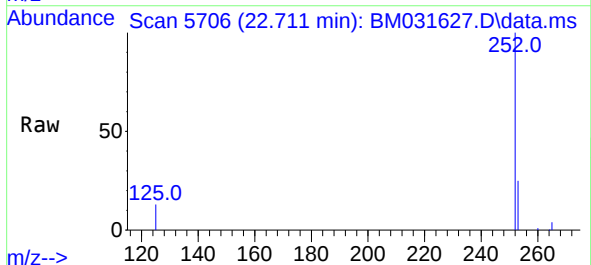
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Benzo(b)fluoranthene
Concen: 8.766 ng/ul m
RT: 22.674 min Scan# 5691
Delta R.T. -0.003 min
Lab File: BM031627.D
Acq: 10 Aug 2021 06:18



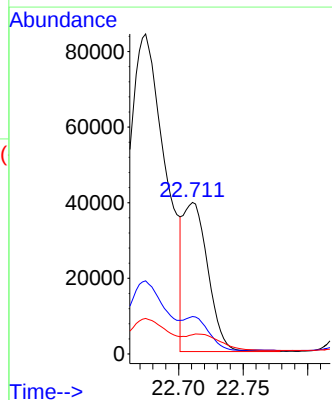
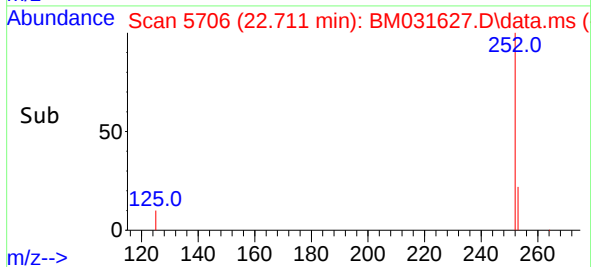
Tgt Ion:252 Resp: 169588
Ion Ratio Lower Upper
252 100
253 22.9 0.0 53.0
125 11.1 0.0 22.8



#25
Benzo(k)fluoranthene
Concen: 2.614 ng/ul m
RT: 22.711 min Scan# 5706
Delta R.T. -0.010 min
Lab File: BM031627.D
Acq: 10 Aug 2021 06:18



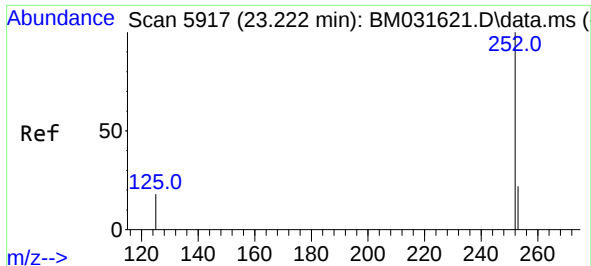
Tgt Ion:252 Resp: 52245
Ion Ratio Lower Upper
252 100
253 24.7 21.3 31.9
125 12.7 8.8 13.2



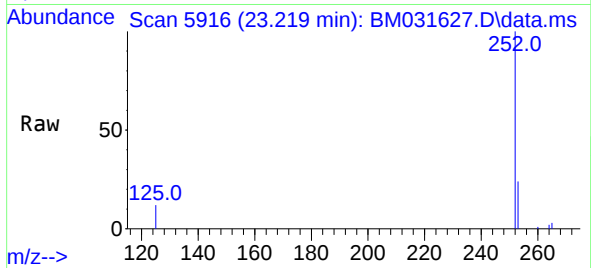
Instrument :
BNA_M
ClientSampled :
C00A6

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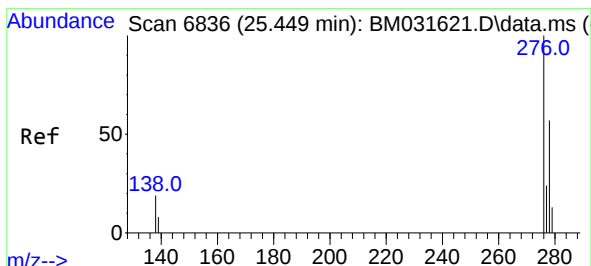
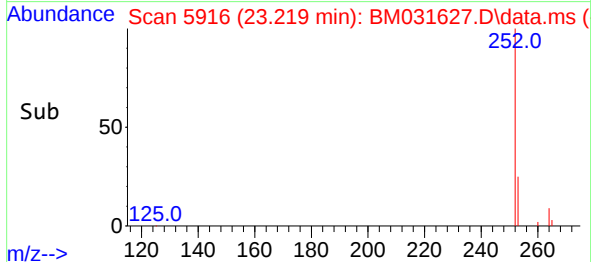
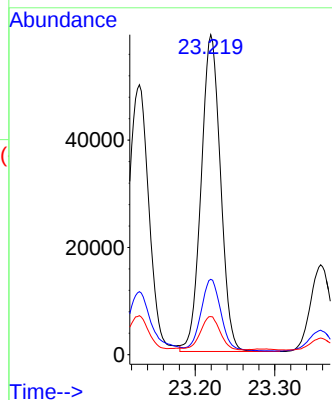
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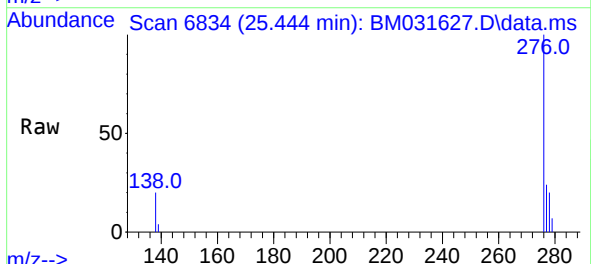
#26
Benzo(a)pyrene
Concen: 5.904 ng/ul
RT: 23.219 min Scan# 5916
Delta R.T. -0.005 min
Lab File: BM031627.D
Acq: 10 Aug 2021 06:18



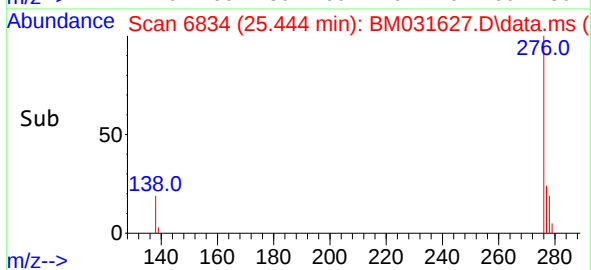
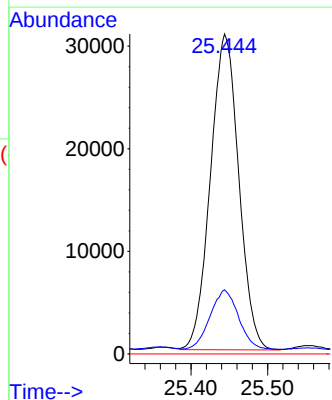
Tgt Ion:252 Resp: 100031
Ion Ratio Lower Upper
252 100
253 23.6 22.4 33.6
125 11.9 13.0 19.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 3.607 ng/ul
RT: 25.444 min Scan# 6834
Delta R.T. -0.010 min
Lab File: BM031627.D
Acq: 10 Aug 2021 06:18



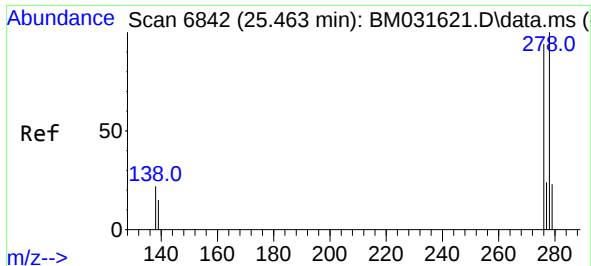
Tgt Ion:276 Resp: 78993
Ion Ratio Lower Upper
276 100
138 19.3 15.8 23.8
227 0.0 0.0 0.0



Instrument :
BNA_M
ClientSampled :
C00A6

Manual Integrations
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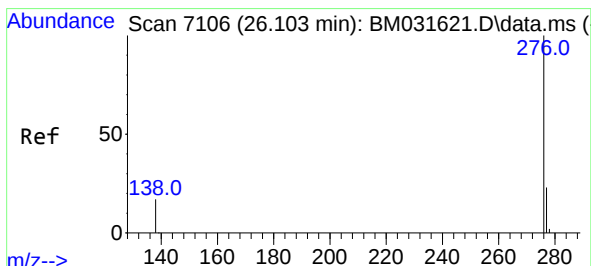
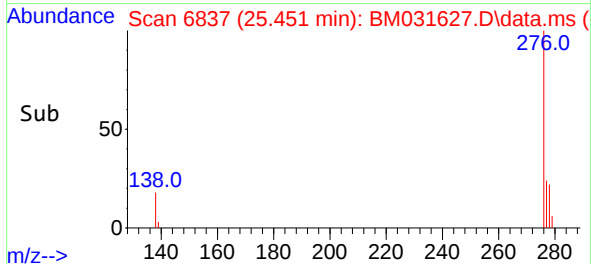
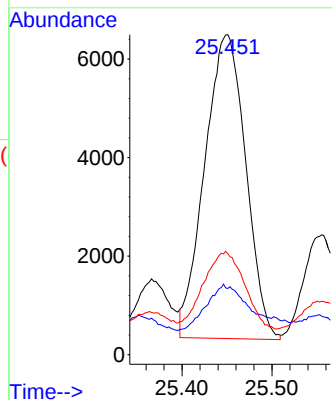
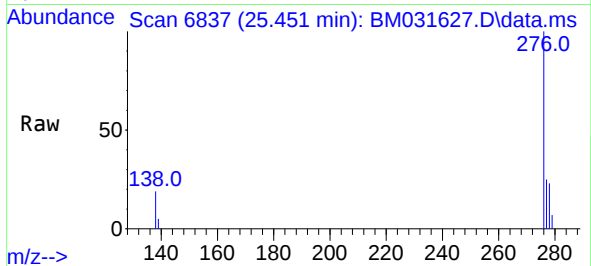
#28
Dibenzo(a,h)anthracene
Concen: 1.110 ng/ul
RT: 25.451 min Scan# 6837
Delta R.T. -0.017 min
Lab File: BM031627.D
Acq: 10 Aug 2021 06:18

Tgt Ion:278 Resp: 19601
Ion Ratio Lower Upper
278 100
139 20.7 13.3 19.9#
279 31.6 22.8 34.2

Instrument :
BNA_M
ClientSampled :
C00A6

Manual Integrations
APPROVED

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#29
Benzo(g,h,i)perylene
Concen: 3.608 ng/ul
RT: 26.095 min Scan# 7103
Delta R.T. -0.003 min
Lab File: BM031627.D
Acq: 10 Aug 2021 06:18

Tgt Ion:276 Resp: 67409
Ion Ratio Lower Upper
276 100
138 20.3 15.4 23.2
277 24.0 19.9 29.9

