

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080521\
 Data File : BM031536.D
 Acq On : 07 Aug 2021 04:22
 Operator : CG/JU
 Sample : M3124-19
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0099

Manual Integrations
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mohammad
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Quant Time: Aug 07 05:50:50 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 : Sat Aug 07 05:36:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.583	152	1348	0.400	ng/ul	0.00
4) Naphthalene-d8	10.347	136	5117	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.216	164	3038	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.968	188	5900	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.156	240	4869	0.400	ng/ul	# 0.00
23) Perylene-d12	23.312	264	4721	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.189	96	2833	1.892	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.939	152	1481	0.172	ng/ul	0.00
18) Fluoranthene-d10	18.997	212	3151	0.194	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.392	128	2047	0.134	ng/ul#	94
7) 2-Methylnaphthalene	12.016	142	1731	0.166	ng/ul	99
8) 1-Methylnaphthalene	12.236	142	1024	0.100	ng/ul	99
10) Acenaphthylene	13.936	152	2258	0.175	ng/ul	96
11) Acenaphthene	14.277	153	313	0.029	ng/ul#	89
12) Fluorene	15.270	166	643	0.051	ng/ul#	85
14) Pentachlorophenol	16.621	266	96	0.051	ng/ul	97
15) Phenanthrene	17.006	178	18691	0.998	ng/ul	98
16) Anthracene	17.100	178	4087	0.233	ng/ul	98
19) Fluoranthene	19.028	202	59473	2.861	ng/ul	98
20) Pyrene	19.390	202	49493	2.347	ng/ul	97
21) Benzo(a)anthracene	21.142	228	27916	1.420	ng/ul	97
22) Chrysene	21.193	228	31091	1.528	ng/ul	97
24) Benzo(b)fluoranthene	22.672	252	42629m	2.004	ng/ul	
25) Benzo(k)fluoranthene	22.711	252	14688m	0.668	ng/ul	
26) Benzo(a)pyrene	23.217	252	26110	1.402	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	25.444	276	19138	0.795	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.451	278	5089	0.262	ng/ul#	87
29) Benzo(g,h,i)perylene	26.093	276	13219	0.644	ng/ul	98

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

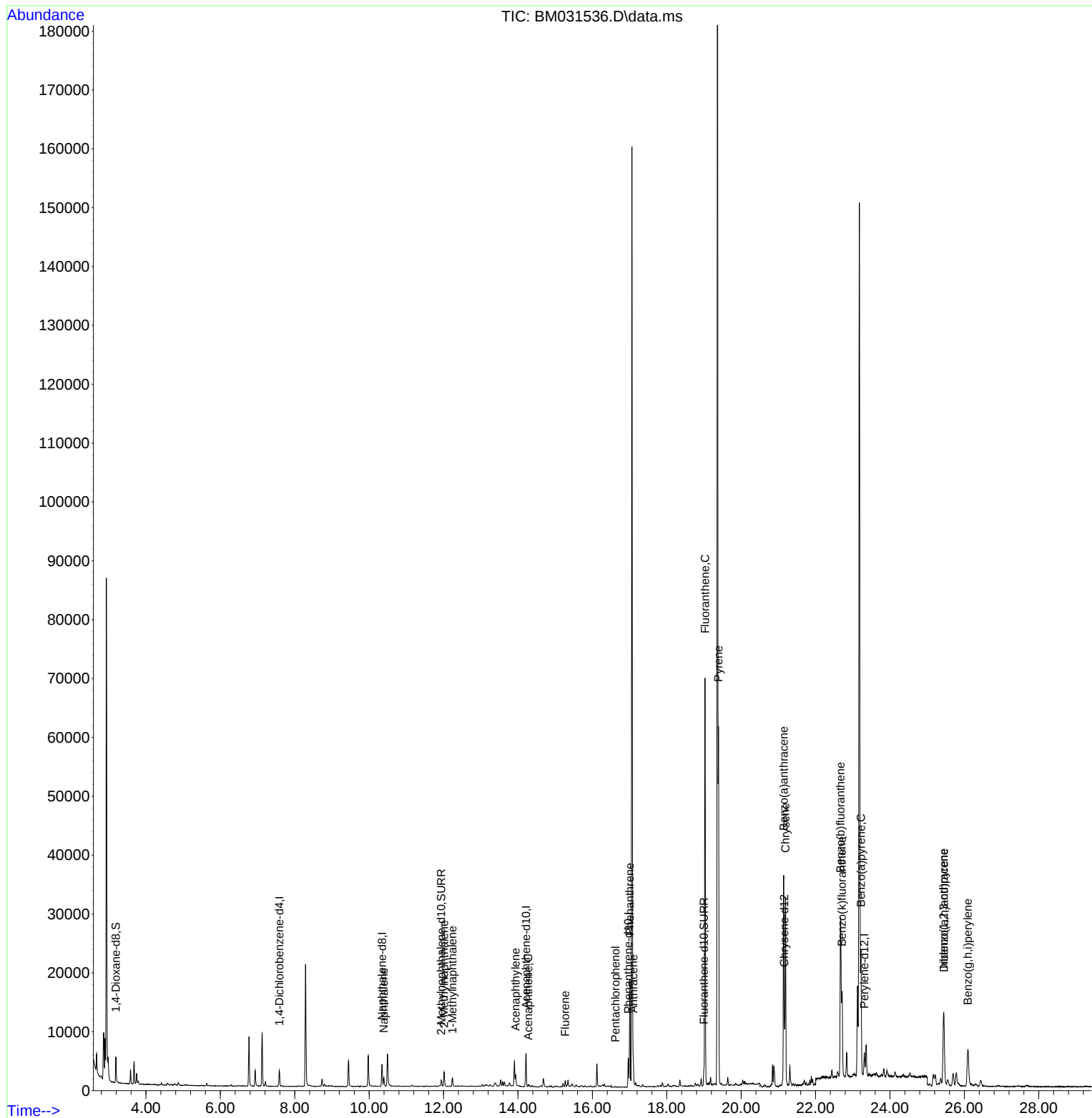
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080521\
Data File : BM031536.D
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Operator : CG/JU
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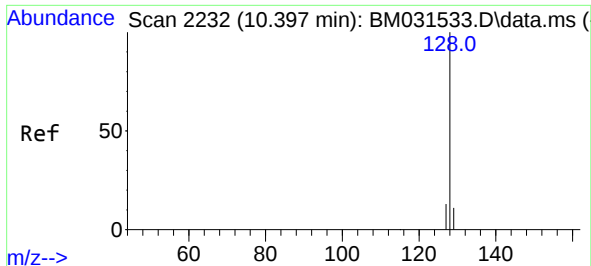
Instrument :
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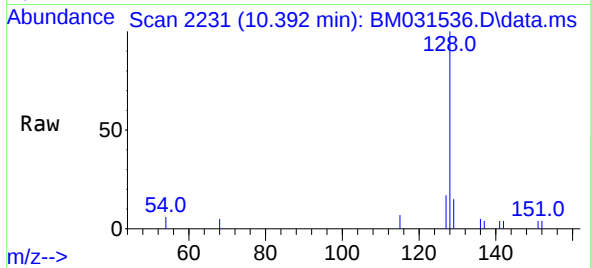
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Quant Time: Aug 07 05:50:50 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 07 05:36:47 2021
Response via : Initial Calibration

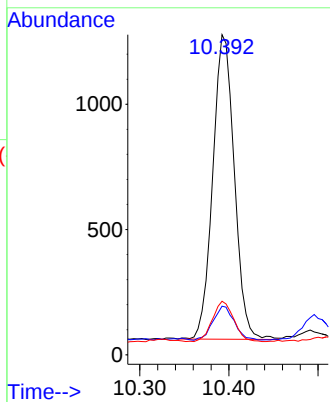
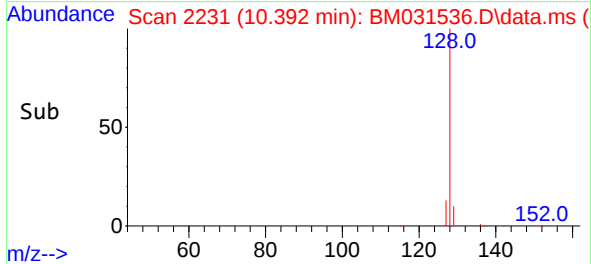




#5
Naphthalene
Concen: 0.134 ng/ul
RT: 10.392 min Scan# 2231
Delta R.T. -0.004 min
Lab File: BM031536.D
Acq: 07 Aug 2021 04:22



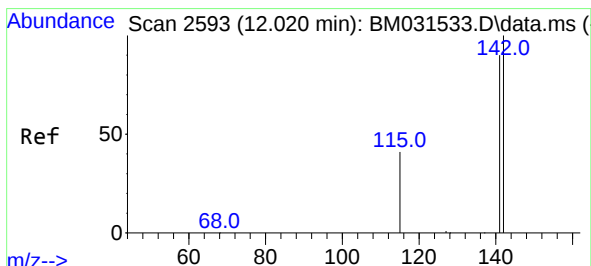
Tgt Ion:128 Resp: 2047
Ion Ratio Lower Upper
128 100
129 15.2 10.0 15.0#
127 16.7 11.6 17.4



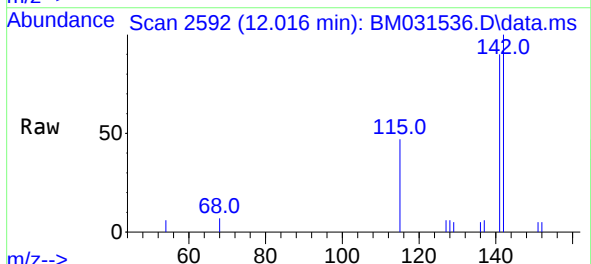
Instrument :
BNA_M
ClientSampled :
C0099

Manual Integrations
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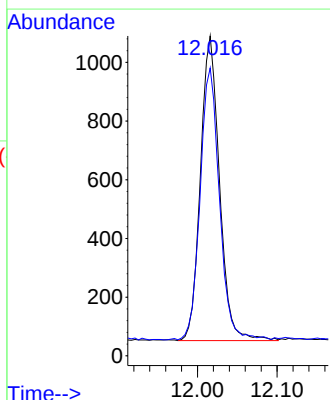
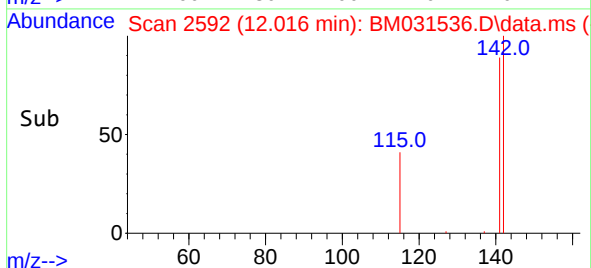
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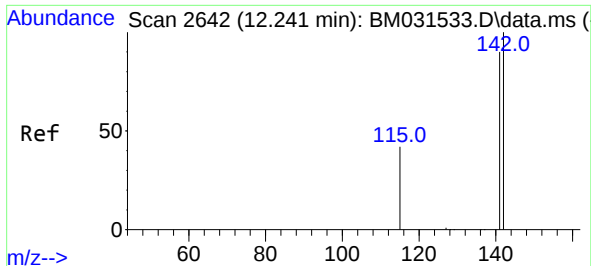


#7
2-Methylnaphthalene
Concen: 0.166 ng/ul
RT: 12.016 min Scan# 2592
Delta R.T. -0.004 min
Lab File: BM031536.D
Acq: 07 Aug 2021 04:22

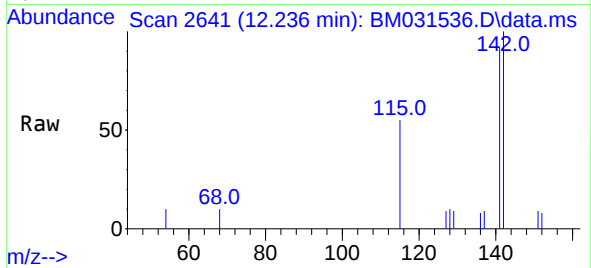


Tgt Ion:142 Resp: 1731
Ion Ratio Lower Upper
142 100
141 90.2 71.4 107.0

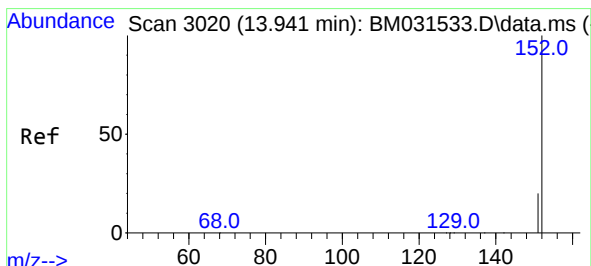
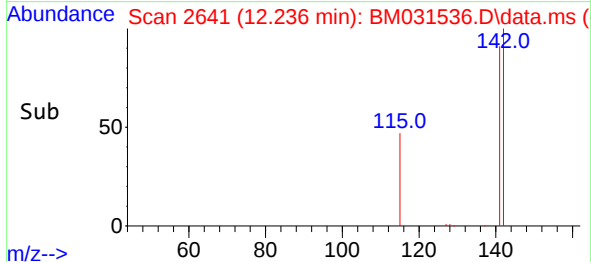
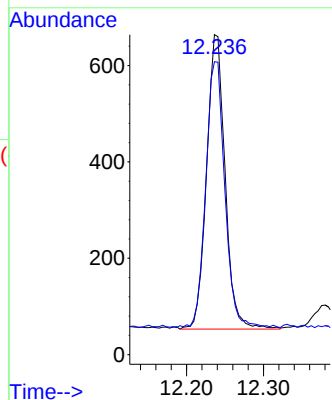




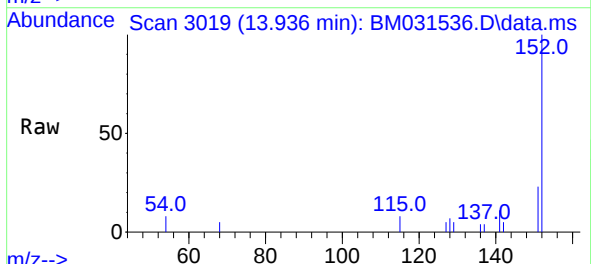
#8
1-Methylnaphthalene
Concen: 0.100 ng/ul
RT: 12.236 min Scan# 2641
Delta R.T. -0.004 min
Lab File: BM031536.D
Acq: 07 Aug 2021 04:22



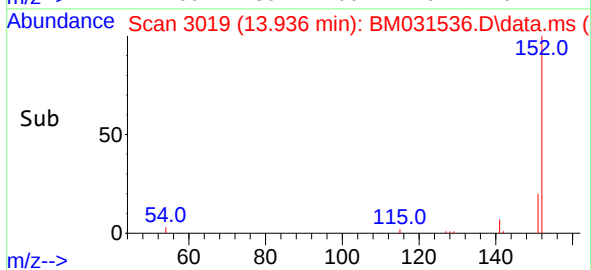
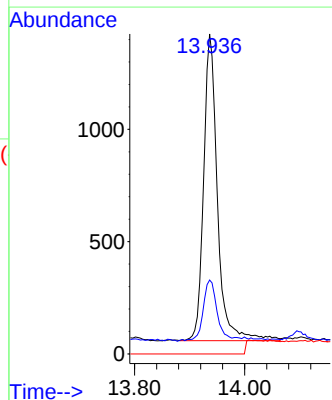
Tgt Ion:142 Resp: 1024
Ion Ratio Lower Upper
142 100
141 93.3 74.1 111.1



#10
Acenaphthylene
Concen: 0.175 ng/ul
RT: 13.936 min Scan# 3019
Delta R.T. -0.004 min
Lab File: BM031536.D
Acq: 07 Aug 2021 04:22



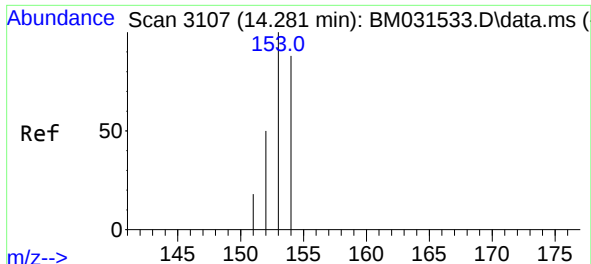
Tgt Ion:152 Resp: 2258
Ion Ratio Lower Upper
152 100
151 23.1 16.9 25.3
153 0.0 0.0 0.0



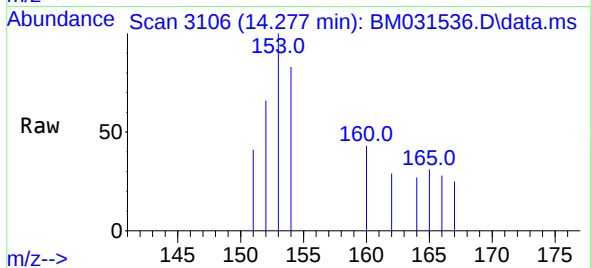
Instrument :
BNA_M
ClientSampled :
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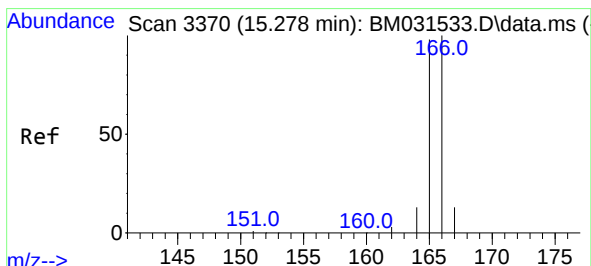
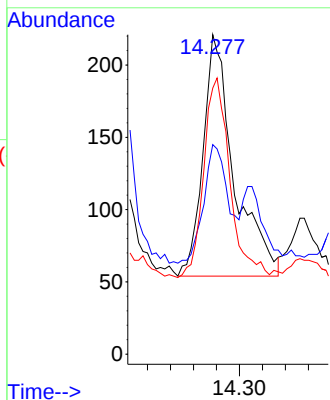
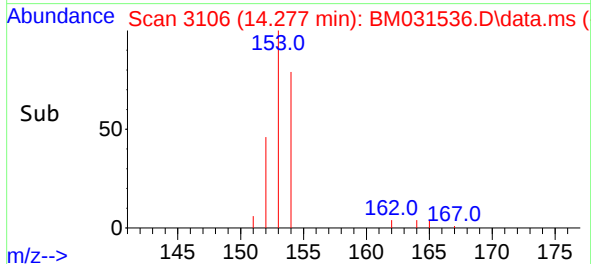
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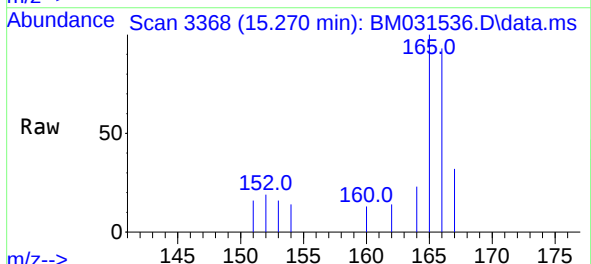
#11
Acenaphthene
Concen: 0.029 ng/ul
RT: 14.277 min Scan# 3106
Delta R.T. -0.007 min
Lab File: BM031536.D
Acq: 07 Aug 2021 04:22



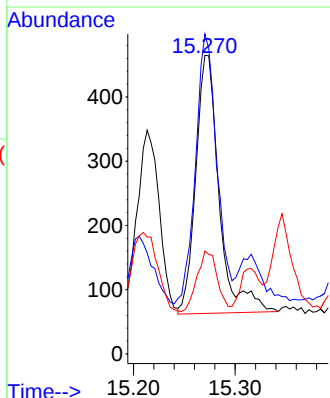
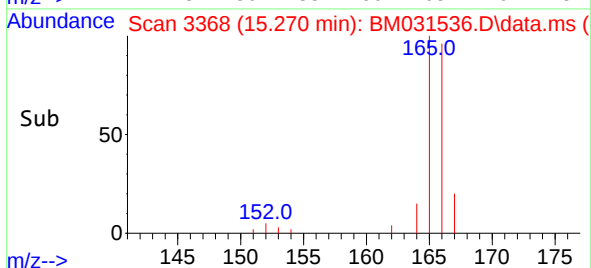
Tgt Ion:153 Resp: 313
Ion Ratio Lower Upper
153 100
152 65.6 40.7 61.1#
154 83.3 70.2 105.2



#12
Fluorene
Concen: 0.051 ng/ul
RT: 15.270 min Scan# 3368
Delta R.T. -0.004 min
Lab File: BM031536.D
Acq: 07 Aug 2021 04:22



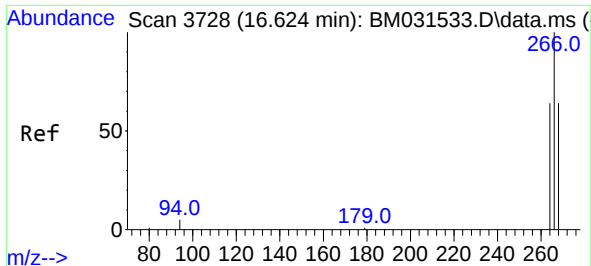
Tgt Ion:166 Resp: 643
Ion Ratio Lower Upper
166 100
165 107.1 78.0 117.0
167 34.4 12.0 18.0#



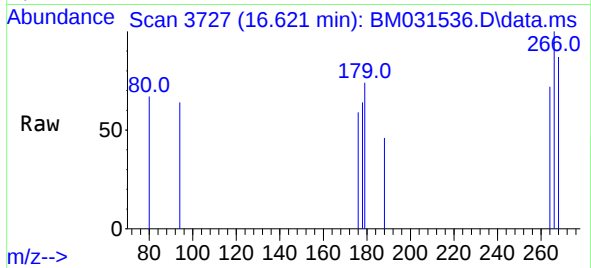
Instrument :
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ClientSampled :
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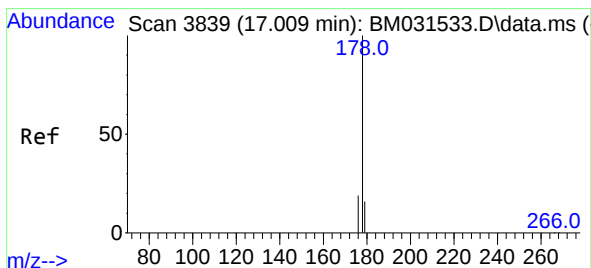
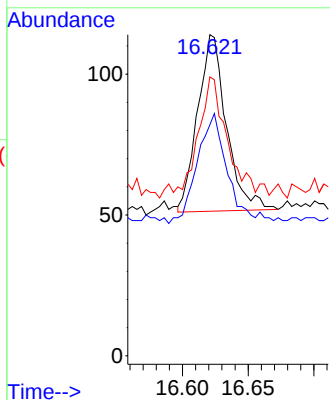
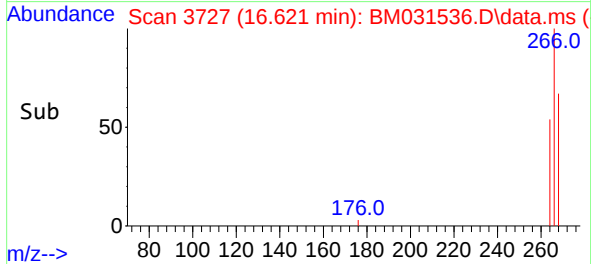
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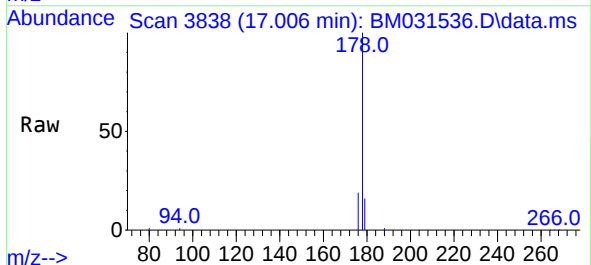
#14
Pentachlorophenol
Concen: 0.051 ng/ul
RT: 16.621 min Scan# 3727
Delta R.T. -0.007 min
Lab File: BM031536.D
Acq: 07 Aug 2021 04:22



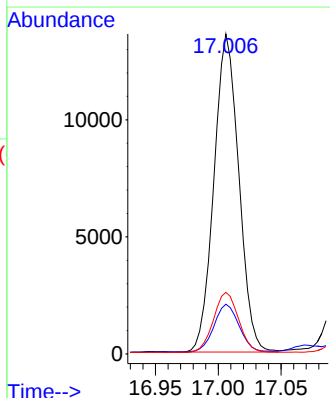
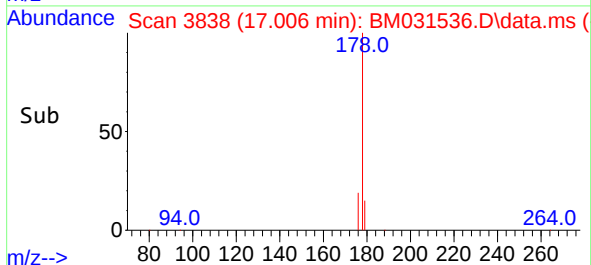
Tgt Ion:	266	Resp:	96
Ion Ratio	Lower	Upper	
266	100		
264	65.6	50.1	75.1
268	65.6	51.3	76.9



#15
Phenanthrene
Concen: 0.998 ng/ul
RT: 17.006 min Scan# 3838
Delta R.T. -0.007 min
Lab File: BM031536.D
Acq: 07 Aug 2021 04:22



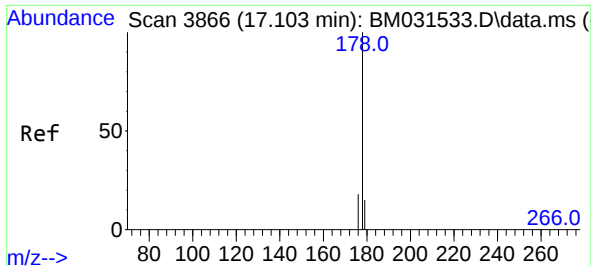
Tgt Ion:	178	Resp:	18691
Ion Ratio	Lower	Upper	
178	100		
179	15.5	13.3	19.9
176	19.2	16.2	24.4



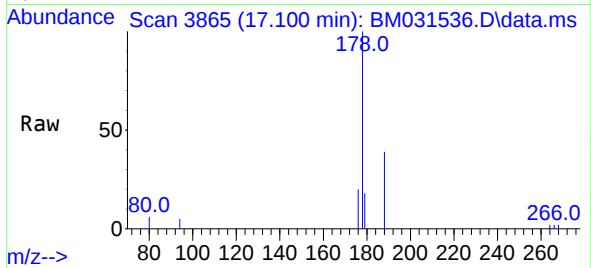
Instrument :
BNA_M
ClientSampleId :
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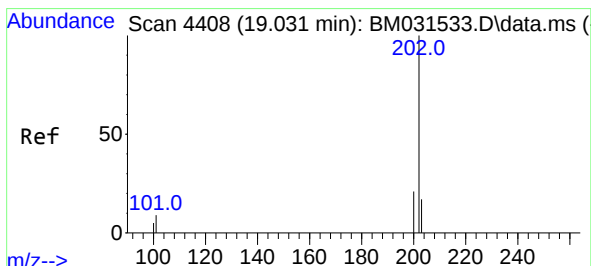
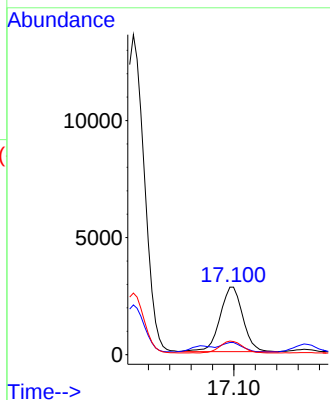
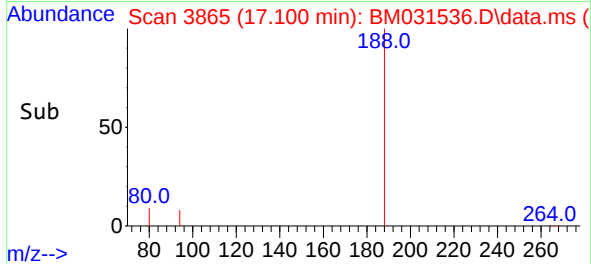


#16
 Anthracene
 Concen: 0.233 ng/ul
 RT: 17.100 min Scan# 3865
 Delta R.T. -0.003 min
 Lab File: BM031536.D
 Acq: 07 Aug 2021 04:22

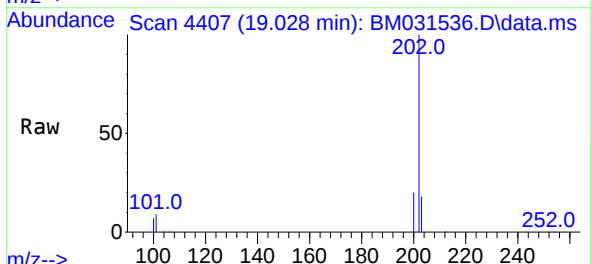


Tgt Ion:178 Resp: 4087

Ion	Ratio	Lower	Upper
178	100		
179	18.0	13.0	19.6
176	19.5	15.6	23.4

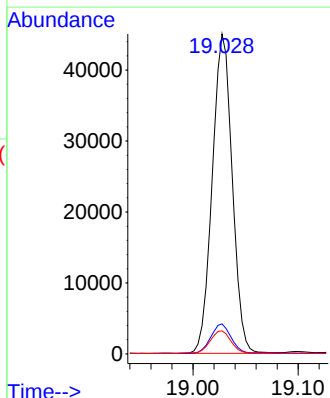
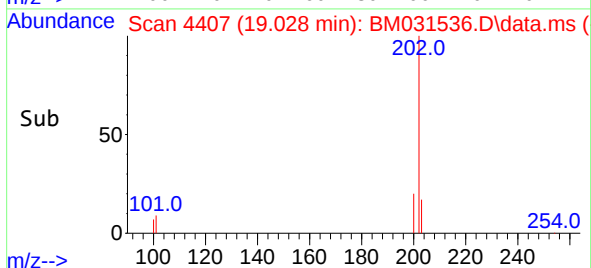


#19
 Fluoranthene
 Concen: 2.861 ng/ul
 RT: 19.028 min Scan# 4407
 Delta R.T. -0.004 min
 Lab File: BM031536.D
 Acq: 07 Aug 2021 04:22



Tgt Ion:202 Resp: 59473

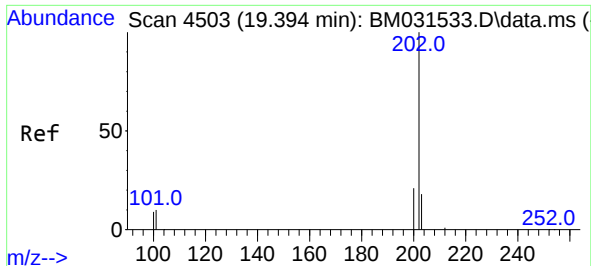
Ion	Ratio	Lower	Upper
202	100		
101	9.4	6.6	10.0
100	7.2	5.4	8.0



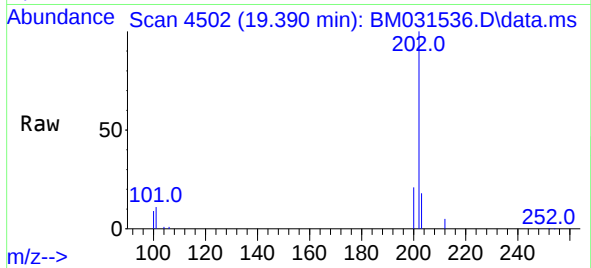
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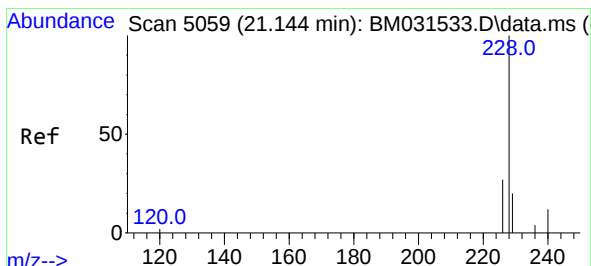
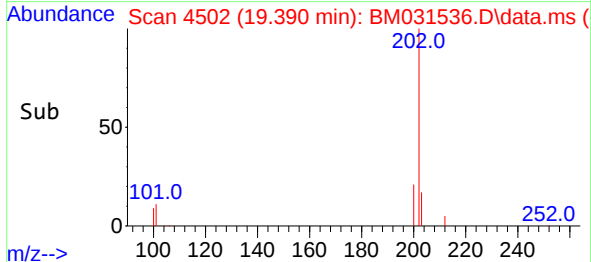
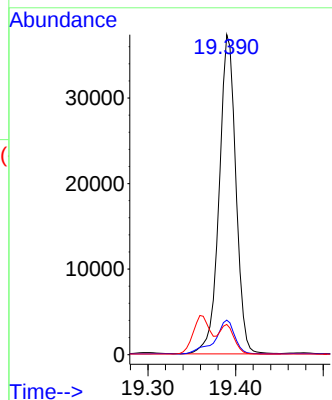
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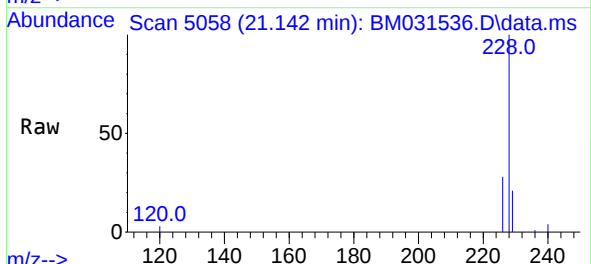
#20
Pyrene
Concen: 2.347 ng/ul
RT: 19.390 min Scan# 4502
Delta R.T. -0.007 min
Lab File: BM031536.D
Acq: 07 Aug 2021 04:22



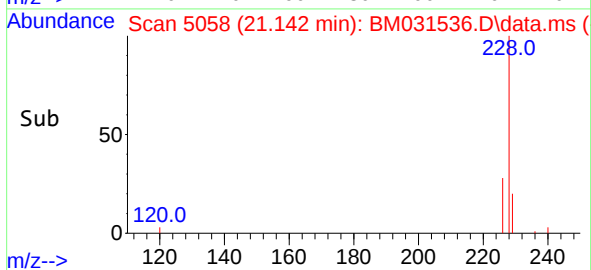
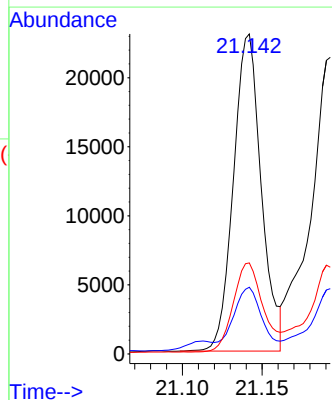
Tgt Ion:202 Resp: 49493
Ion Ratio Lower Upper
202 100
101 10.8 7.8 11.6
100 9.4 6.6 10.0



#21
Benzo(a)anthracene
Concen: 1.420 ng/ul
RT: 21.142 min Scan# 5058
Delta R.T. -0.009 min
Lab File: BM031536.D
Acq: 07 Aug 2021 04:22



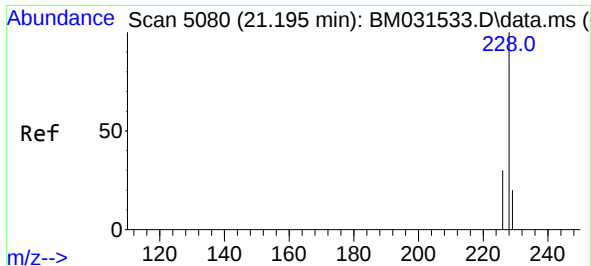
Tgt Ion:228 Resp: 27916
Ion Ratio Lower Upper
228 100
229 20.8 15.6 23.4
226 28.5 21.7 32.5



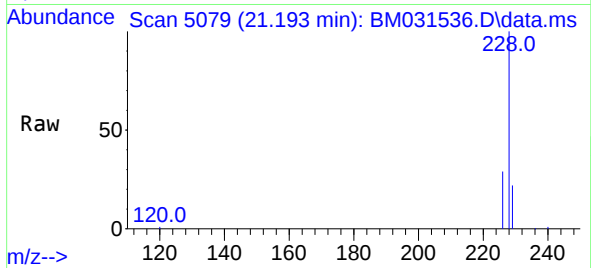
Instrument :
BNA_M
ClientSampled :
C0099

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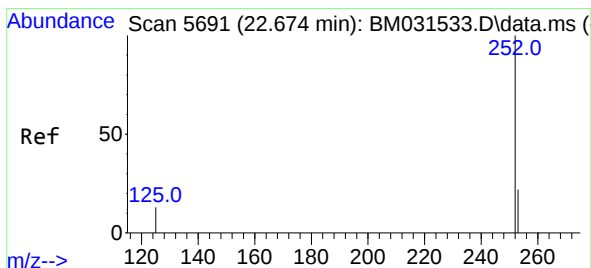
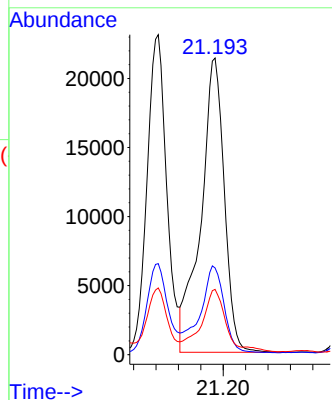
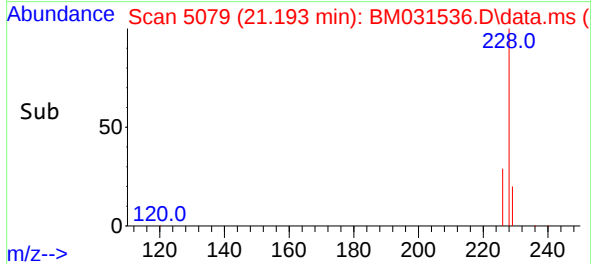
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8/9/2021 12:13:04 PM



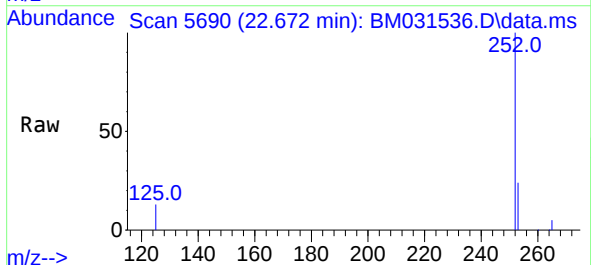
#22
Chrysene
Concen: 1.528 ng/ul
RT: 21.193 min Scan# 5079
Delta R.T. -0.007 min
Lab File: BM031536.D
Acq: 07 Aug 2021 04:22



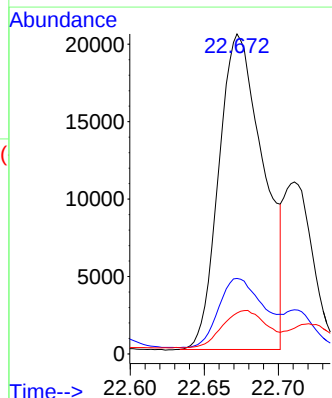
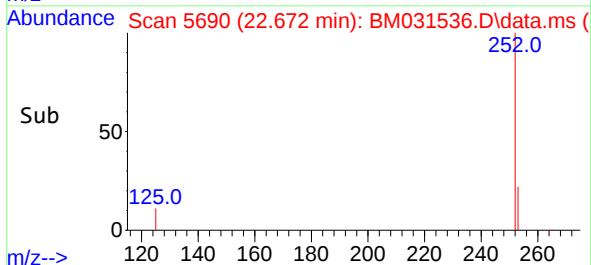
Tgt Ion:228 Resp: 31091
Ion Ratio Lower Upper
228 100
226 29.3 24.7 37.1
229 22.0 16.2 24.2



#24
Benzo(b)fluoranthene
Concen: 2.004 ng/ul m
RT: 22.672 min Scan# 5690
Delta R.T. -0.009 min
Lab File: BM031536.D
Acq: 07 Aug 2021 04:22



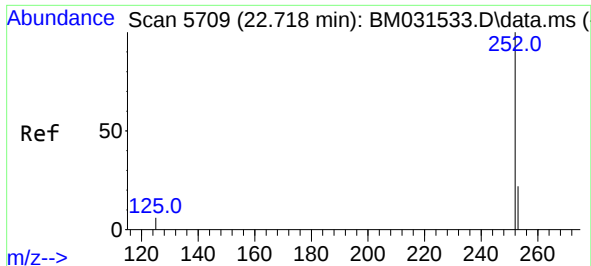
Tgt Ion:252 Resp: 42629
Ion Ratio Lower Upper
252 100
253 23.6 0.0 53.0
125 12.8 0.0 22.8



Instrument :
BNA_M
ClientSampled :
C0099

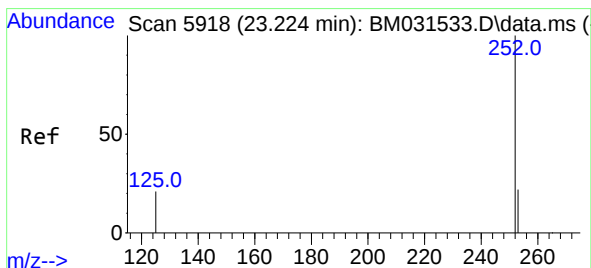
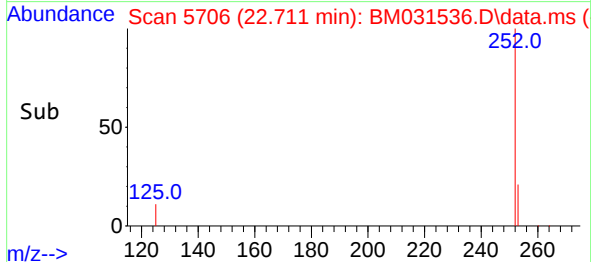
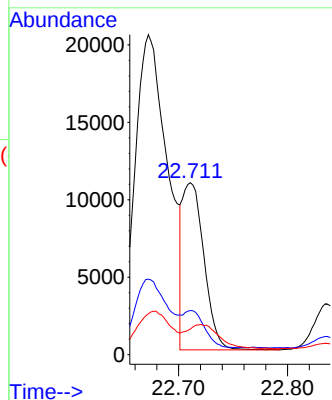
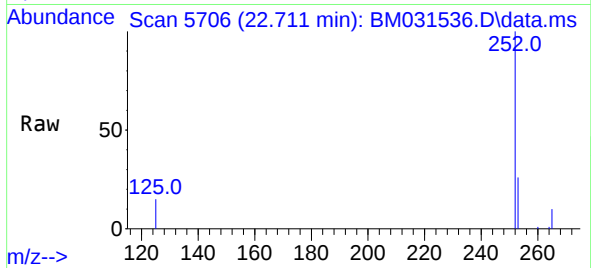
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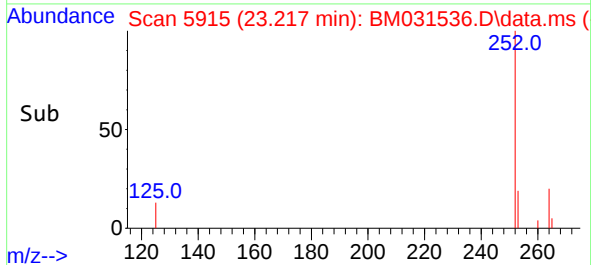
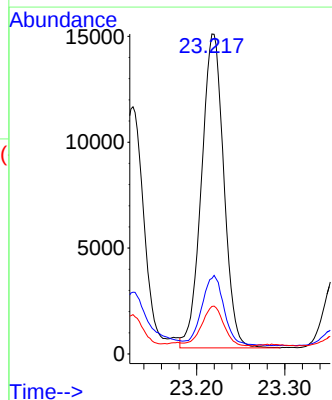
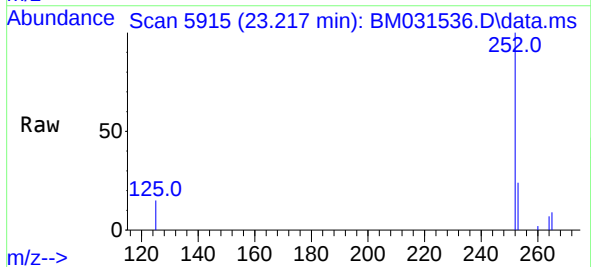
#25
Benzo(k)fluoranthene
Concen: 0.668 ng/ul m
RT: 22.711 min Scan# 5706
Delta R.T. -0.012 min
Lab File: BM031536.D
Acq: 07 Aug 2021 04:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.7	21.3	31.9
125	14.9	8.8	13.2#



#26
Benzo(a)pyrene
Concen: 1.402 ng/ul
RT: 23.217 min Scan# 5915
Delta R.T. -0.014 min
Lab File: BM031536.D
Acq: 07 Aug 2021 04:22

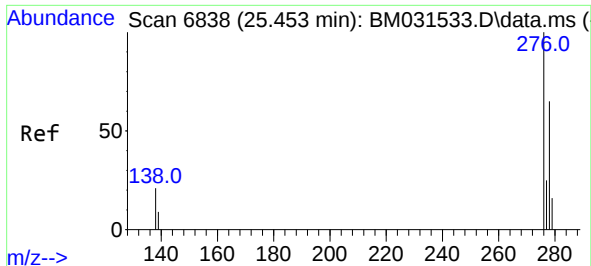
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	22.4	33.6
125	14.9	13.0	19.4



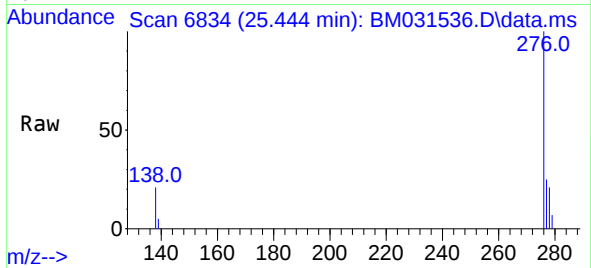
Instrument :
BNA_M
ClientSampled :
C0099

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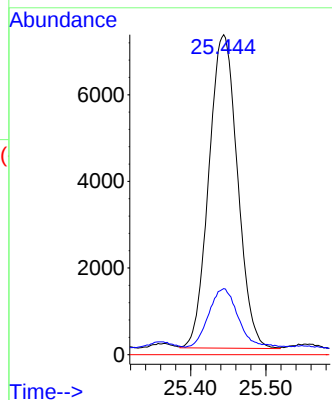
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#27
Indeno(1,2,3-cd)pyrene
Concen: 0.795 ng/ul
RT: 25.444 min Scan# 6834
Delta R.T. -0.019 min
Lab File: BM031536.D
Acq: 07 Aug 2021 04:22



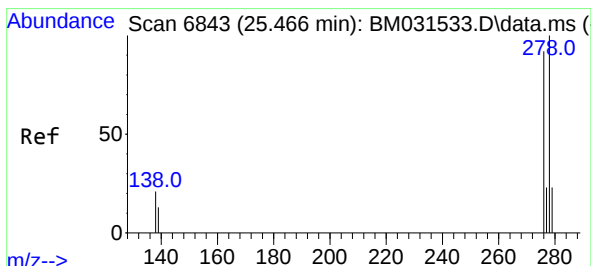
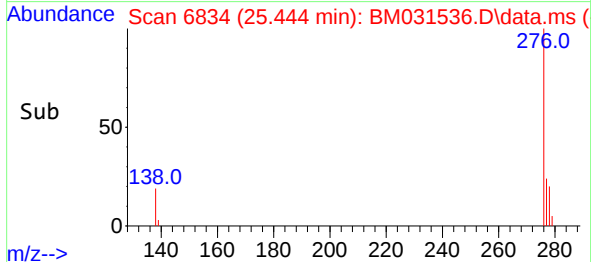
Tgt Ion:276 Resp: 19138
Ion Ratio Lower Upper
276 100
138 20.0 15.8 23.8
227 0.0 0.0 0.0



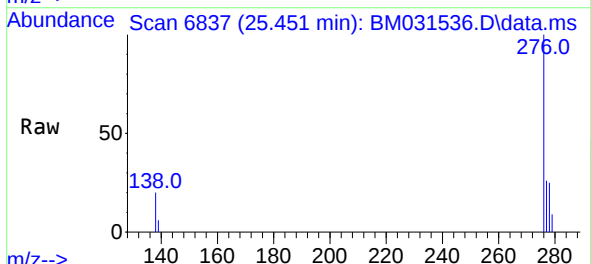
Instrument :
BNA_M
ClientSampleId :
C0099

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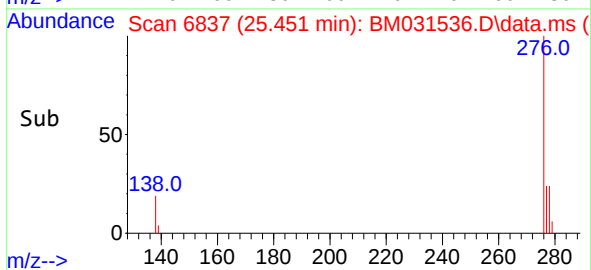
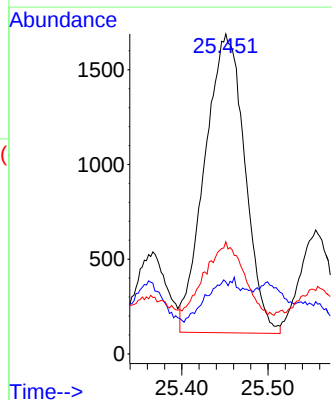
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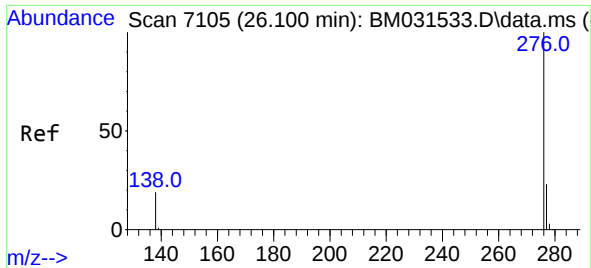


#28
Dibenzo(a,h)anthracene
Concen: 0.262 ng/ul
RT: 25.451 min Scan# 6837
Delta R.T. -0.024 min
Lab File: BM031536.D
Acq: 07 Aug 2021 04:22



Tgt Ion:278 Resp: 5089
Ion Ratio Lower Upper
278 100
139 22.5 13.3 19.9#
279 35.1 22.8 34.2#





#29
Benzo(g,h,i)perylene
Concen: 0.644 ng/ul
RT: 26.093 min Scan# 7102
Delta R.T. -0.022 min
Lab File: BM031536.D
Acq: 07 Aug 2021 04:22

Tgt Ion:	276	Resp:	13219
Ion	Ratio	Lower	Upper
276	100		
138	21.5	15.4	23.2
277	24.6	19.9	29.9

Instrument :
BNA_M
ClientSampleId :
C0099

Manual Integrations
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