

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072921\
 Data File : BM031339.D
 Acq On : 01 Aug 2021 08:17
 Operator : CG/JU
 Sample : M3091-08DL 5X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0046DL

Manual Integrations
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Quant Time: Aug 02 01:16:10 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 Jul 30 14:16:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.604	152	1613	0.400	ng/ul	0.00
4) Naphthalene-d8	10.365	136	6116	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.235	164	3677	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.982	188	6994	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.171	240	5384	0.400	ng/ul	0.00
23) Perylene-d12	23.331	264	5121	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	842	0.470	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.957	152	324	0.031	ng/ul	0.00
18) Fluoranthene-d10	19.012	212	628	0.035	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.415	128	5498	0.302	ng/ul	98
7) 2-Methylnaphthalene	12.034	142	6249	0.502	ng/ul	100
8) 1-Methylnaphthalene	12.254	142	3146	0.256	ng/ul	99
10) Acenaphthylene	13.954	152	1785	0.114	ng/ul	94
11) Acenaphthene	14.296	153	445m	0.034	ng/ul	
12) Fluorene	15.289	166	511	0.034	ng/ul#	81
15) Phenanthrene	17.023	178	14555	0.655	ng/ul	98
16) Anthracene	17.114	178	5286	0.254	ng/ul	99
19) Fluoranthene	19.043	202	30160	1.312	ng/ul	97
20) Pyrene	19.405	202	21841	0.937	ng/ul	97
21) Benzo(a)anthracene	21.154	228	10726	0.493	ng/ul	95
22) Chrysene	21.207	228	16640	0.740	ng/ul	97
24) Benzo(b)fluoranthene	22.691	252	19334m	0.838	ng/ul	
25) Benzo(k)fluoranthene	22.728	252	6632m	0.278	ng/ul	
26) Benzo(a)pyrene	23.237	252	6381	0.316	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	25.468	276	5308	0.203	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.483	278	1620	0.077	ng/ul#	60
29) Benzo(g,h,i)perylene	26.122	276	4021	0.180	ng/ul#	90

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

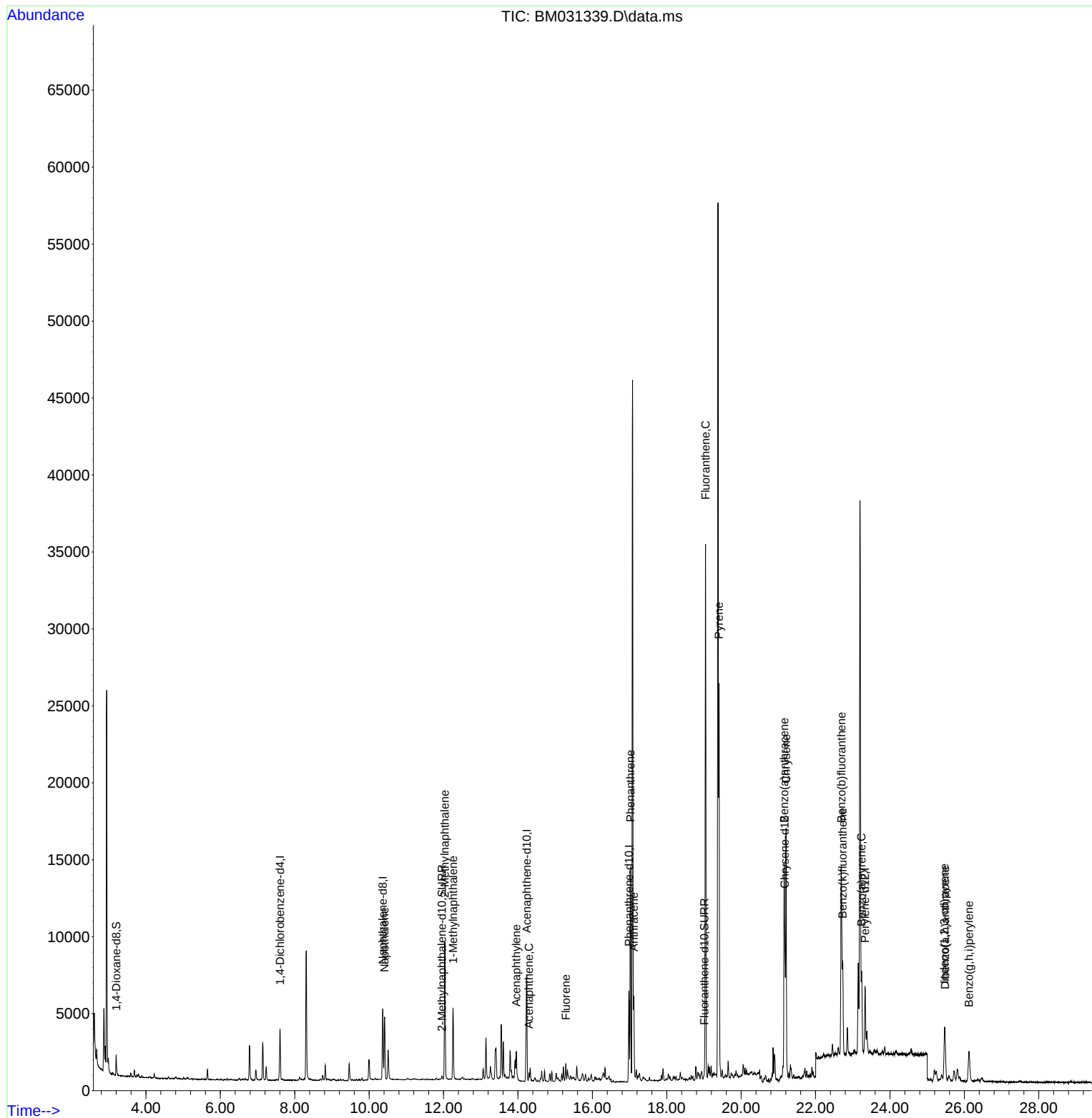
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072921\
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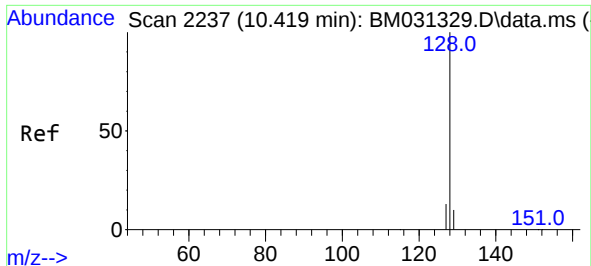
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Quant Time: Aug 02 01:16:10 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 30 14:16:52 2021
Response via : Initial Calibration





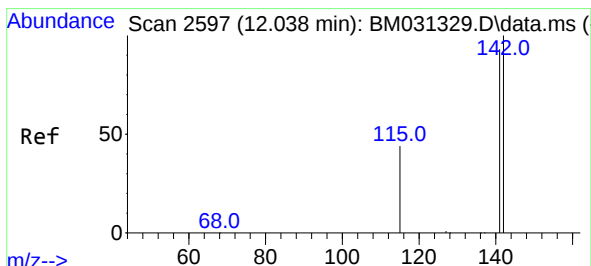
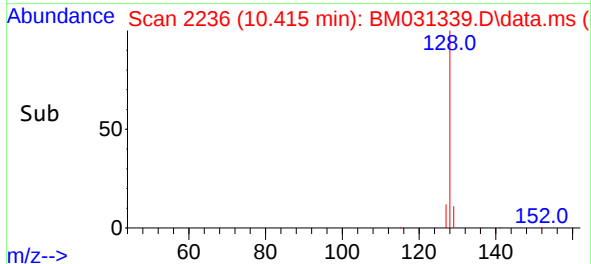
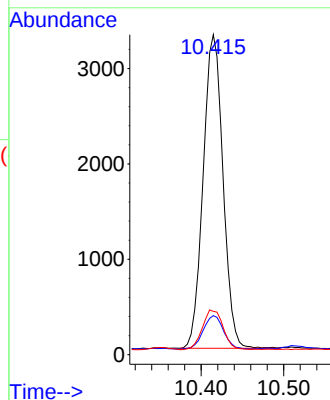
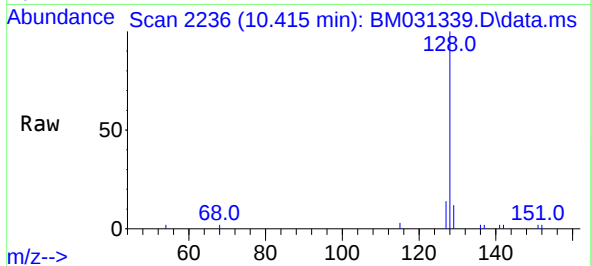
#5
Naphthalene
Concen: 0.302 ng/ul
RT: 10.415 min Scan# 2236
Delta R.T. -0.008 min
Lab File: BM031339.D
Acq: 01 Aug 2021 08:17

Tgt Ion:	128	Resp:	5498
Ion Ratio	Lower	Upper	
128	100		
129	12.2	10.0	15.0
127	13.5	11.6	17.4

Instrument :
BNA_M
ClientSampleId :
C0046DL

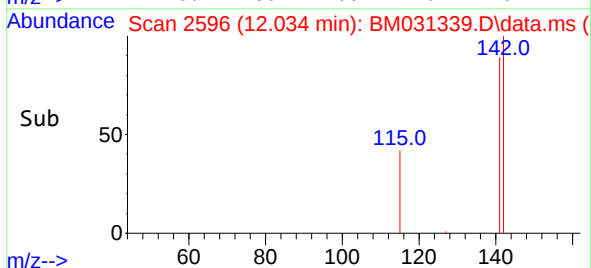
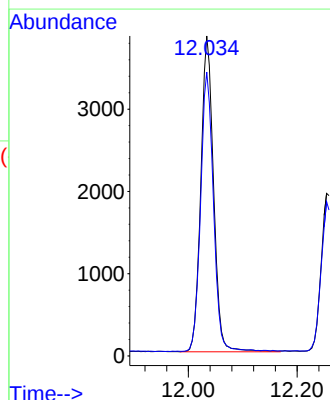
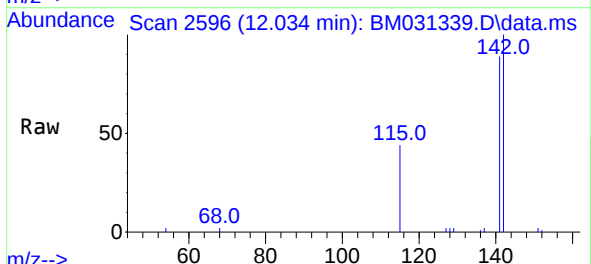
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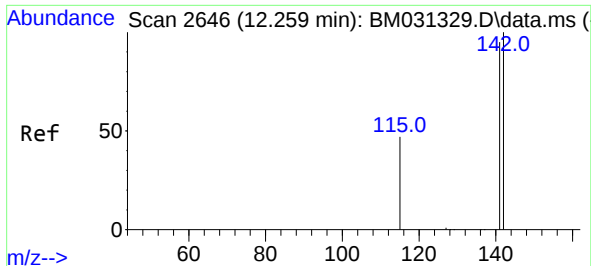
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#7
2-Methylnaphthalene
Concen: 0.502 ng/ul
RT: 12.034 min Scan# 2596
Delta R.T. -0.008 min
Lab File: BM031339.D
Acq: 01 Aug 2021 08:17

Tgt Ion:	142	Resp:	6249
Ion Ratio	Lower	Upper	
142	100		
141	88.8	71.4	107.0





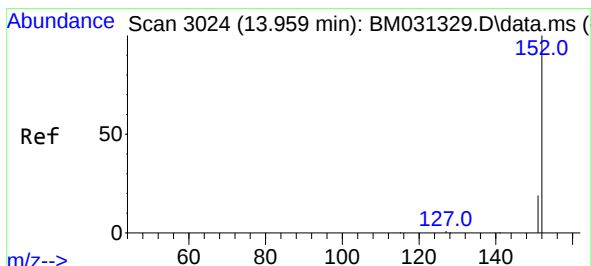
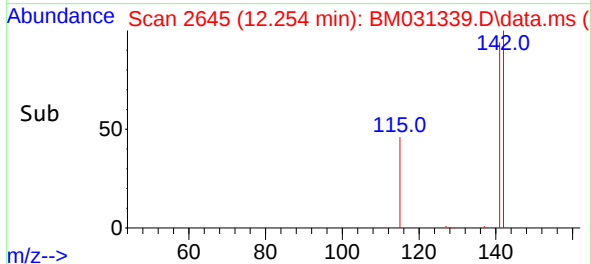
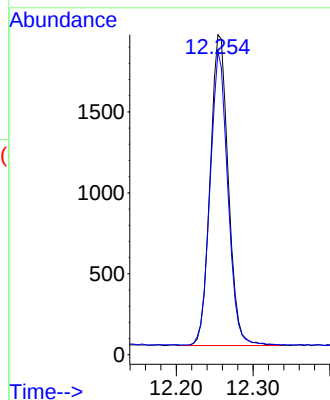
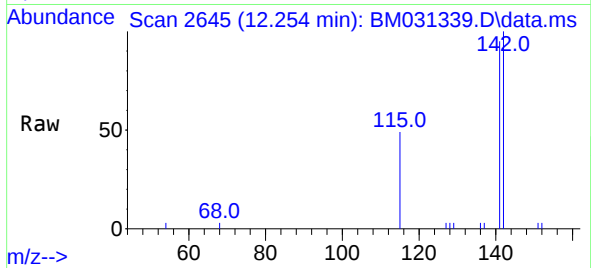
#8
1-Methylnaphthalene
Concen: 0.256 ng/ul
RT: 12.254 min Scan# 2645
Delta R.T. -0.012 min
Lab File: BM031339.D
Acq: 01 Aug 2021 08:17

Tgt Ion:142 Resp: 3146
Ion Ratio Lower Upper
142 100
141 92.1 74.1 111.1

Instrument :
BNA_M
ClientSampled :
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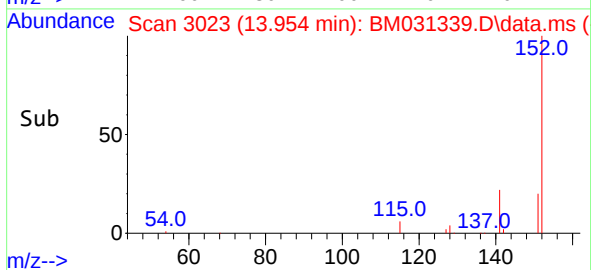
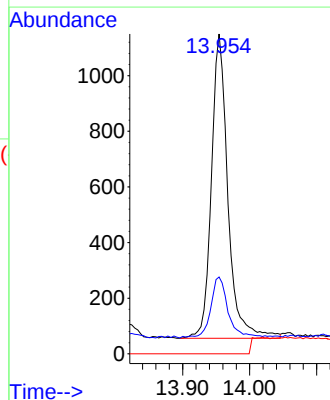
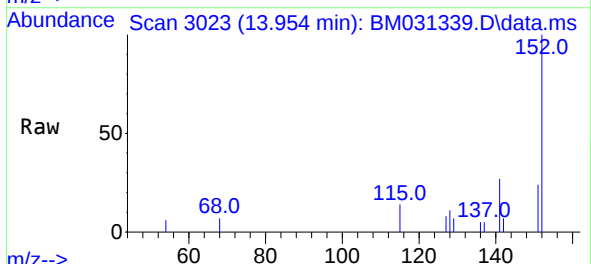
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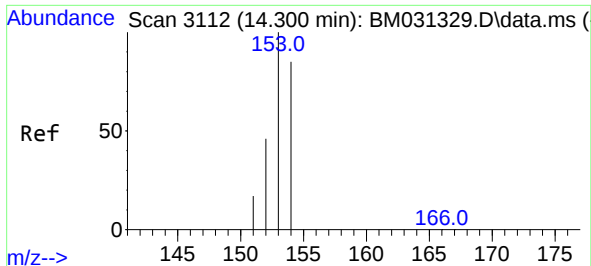
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#10
Acenaphthylene
Concen: 0.114 ng/ul
RT: 13.954 min Scan# 3023
Delta R.T. -0.008 min
Lab File: BM031339.D
Acq: 01 Aug 2021 08:17

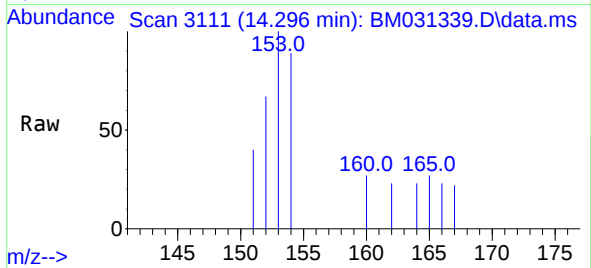
Tgt Ion:152 Resp: 1785
Ion Ratio Lower Upper
152 100
151 24.0 16.9 25.3
153 0.0 0.0 0.0





#11
Acenaphthene
Concen: 0.034 ng/ul m
RT: 14.296 min Scan# 3111
Delta R.T. -0.007 min
Lab File: BM031339.D
Acq: 01 Aug 2021 08:17

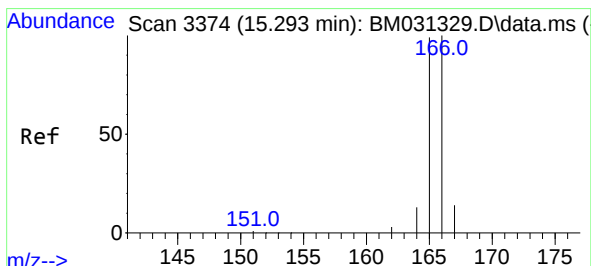
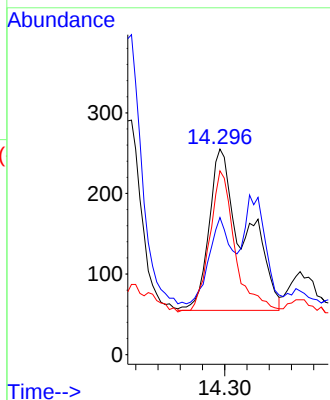
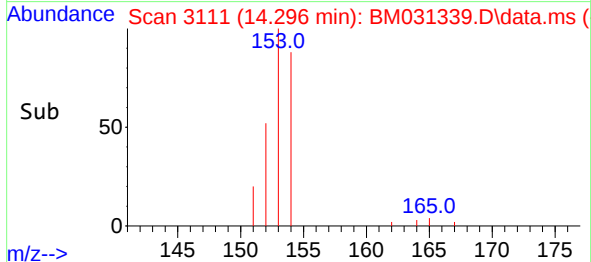
Instrument :
BNA_M
ClientSampled :
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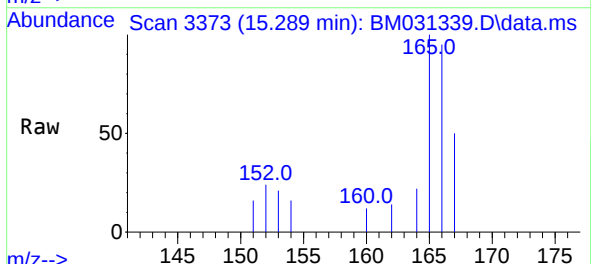
Tgt Ion:153 Resp: 445
Ion Ratio Lower Upper
153 100
152 66.7 40.7 61.1#
154 89.4 70.2 105.2

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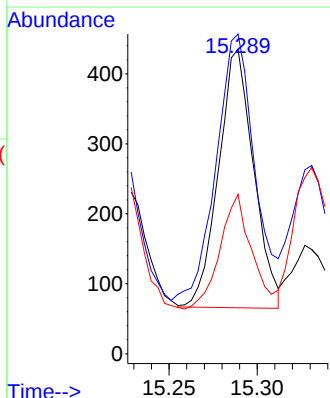
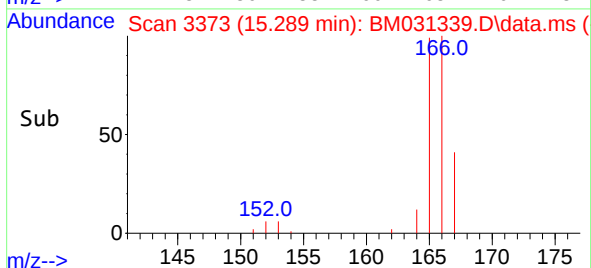
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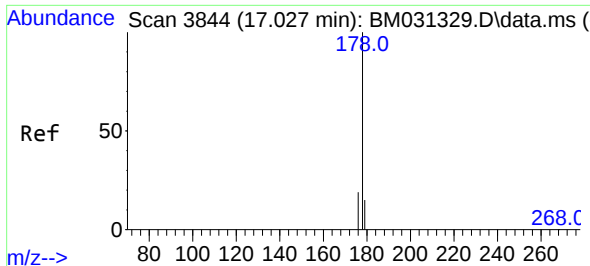


#12
Fluorene
Concen: 0.034 ng/ul
RT: 15.289 min Scan# 3373
Delta R.T. -0.007 min
Lab File: BM031339.D
Acq: 01 Aug 2021 08:17



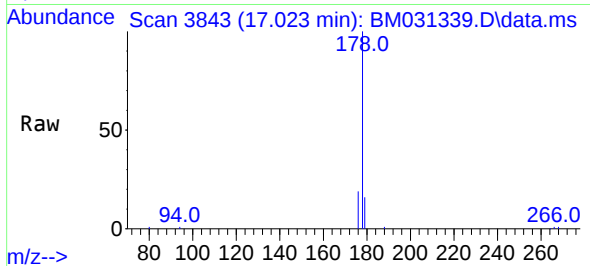
Tgt Ion:166 Resp: 511
Ion Ratio Lower Upper
166 100
165 105.1 78.0 117.0
167 52.4 12.0 18.0#





#15
Phenanthrene
Concen: 0.655 ng/u1
RT: 17.023 min Scan# 3843
Delta R.T. -0.007 min
Lab File: BM031339.D
Acq: 01 Aug 2021 08:17

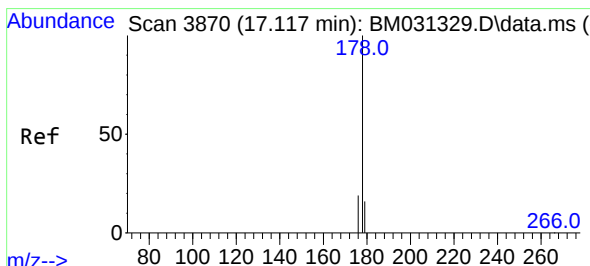
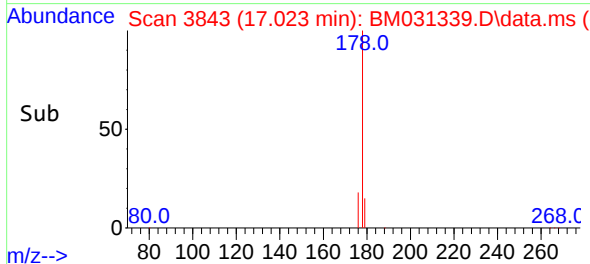
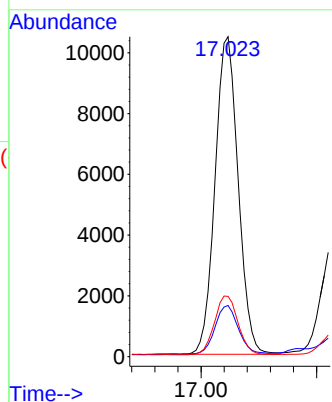
Instrument :
BNA_M
ClientSampled :
C0046DL



Tgt Ion:178 Resp: 14555
Ion Ratio Lower Upper
178 100
179 16.0 13.3 19.9
176 18.9 16.2 24.4

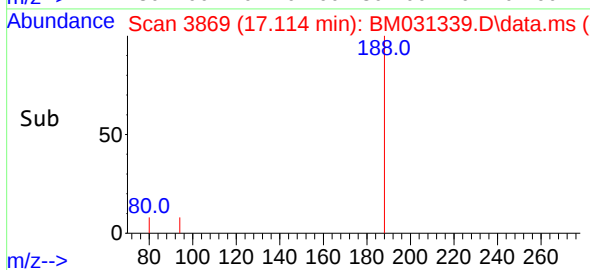
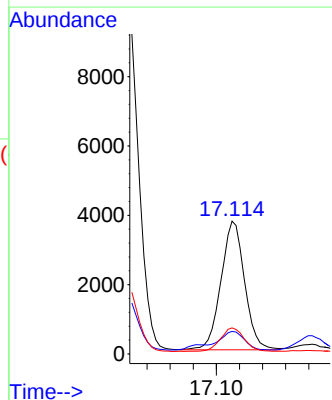
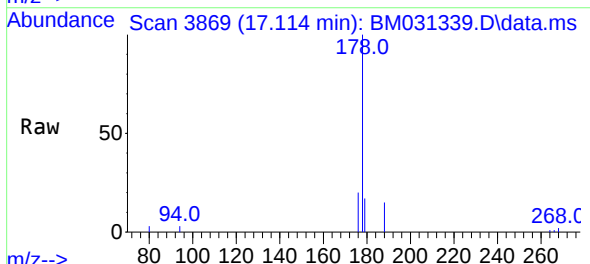
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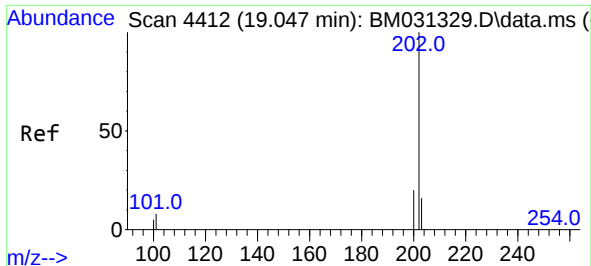
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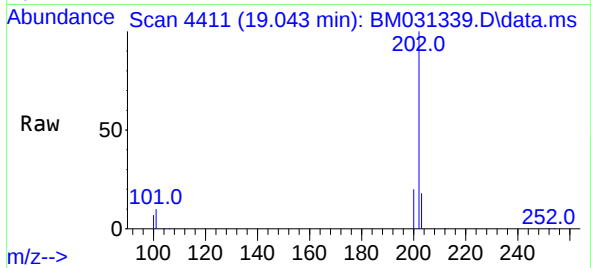
#16
Anthracene
Concen: 0.254 ng/u1
RT: 17.114 min Scan# 3869
Delta R.T. -0.007 min
Lab File: BM031339.D
Acq: 01 Aug 2021 08:17

Tgt Ion:178 Resp: 5286
Ion Ratio Lower Upper
178 100
179 16.9 13.0 19.6
176 19.6 15.6 23.4

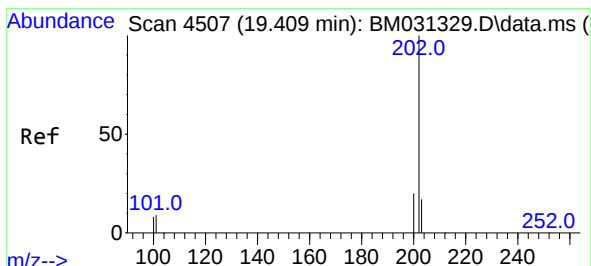
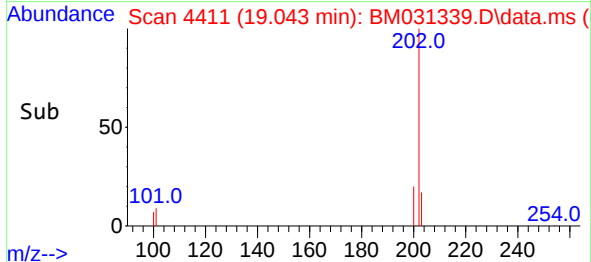
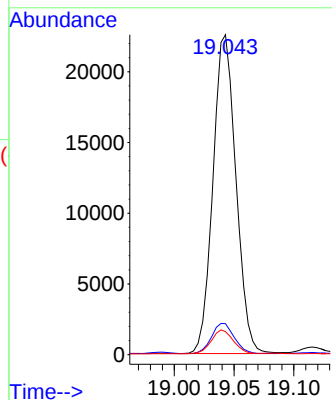




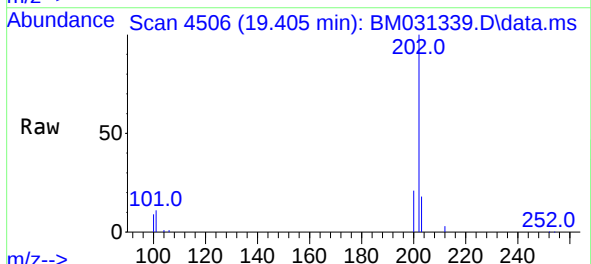
#19
Fluoranthene
Concen: 1.312 ng/ul
RT: 19.043 min Scan# 4411
Delta R.T. -0.007 min
Lab File: BM031339.D
Acq: 01 Aug 2021 08:17



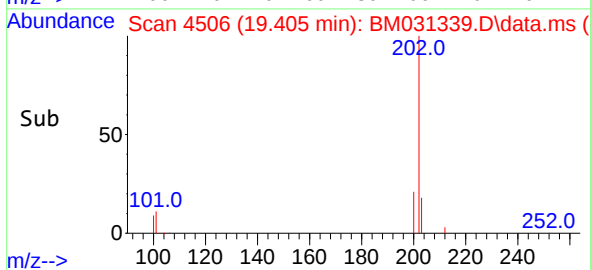
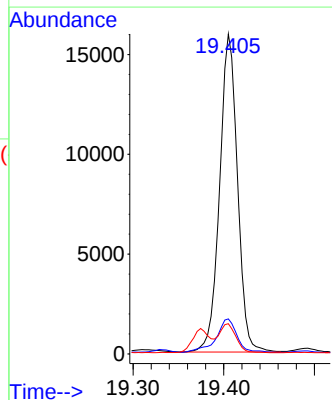
Tgt Ion:202 Resp: 30160
Ion Ratio Lower Upper
202 100
101 9.7 6.6 10.0
100 7.2 5.4 8.0



#20
Pyrene
Concen: 0.937 ng/ul
RT: 19.405 min Scan# 4506
Delta R.T. -0.007 min
Lab File: BM031339.D
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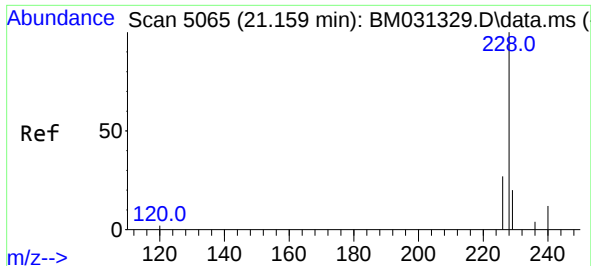
Tgt Ion:202 Resp: 21841
Ion Ratio Lower Upper
202 100
101 10.9 7.8 11.6
100 9.5 6.6 10.0



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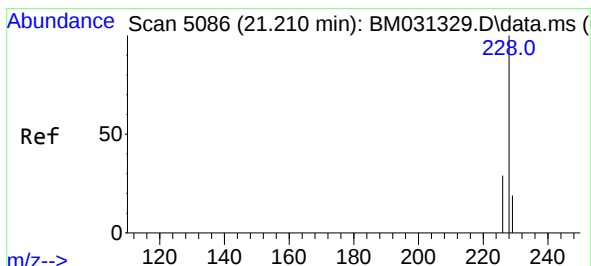
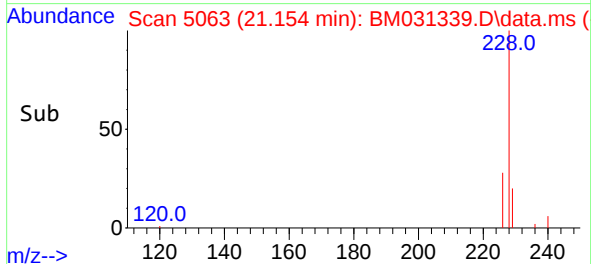
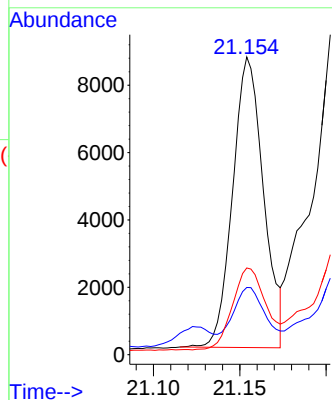
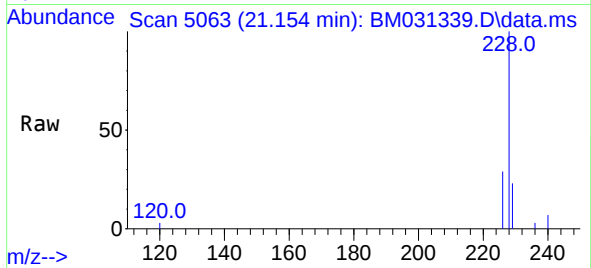
#21
Benzo(a)anthracene
Concen: 0.493 ng/u1
RT: 21.154 min Scan# 5063
Delta R.T. -0.007 min
Lab File: BM031339.D
Acq: 01 Aug 2021 08:17

Tgt Ion:	228	Resp:	10726
Ion Ratio	Lower	Upper	
228	100		
229	22.6	15.6	23.4
226	29.1	21.7	32.5

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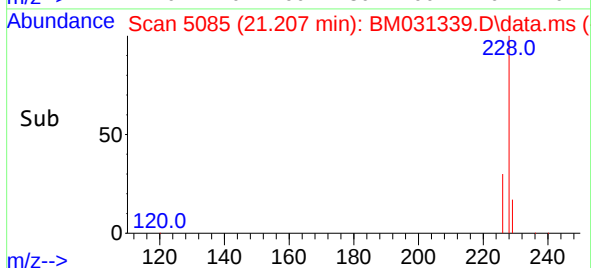
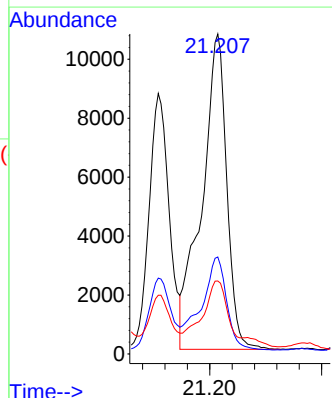
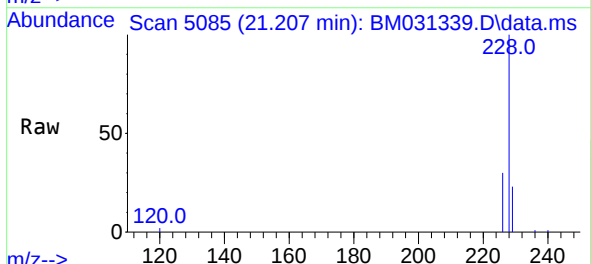
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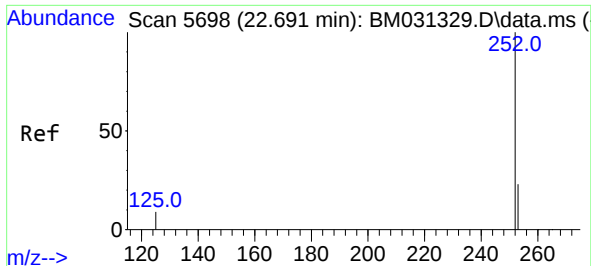
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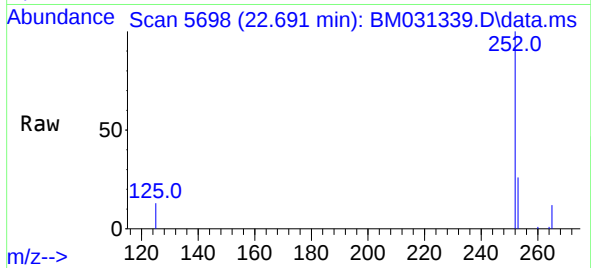
#22
Chrysene
Concen: 0.740 ng/u1
RT: 21.207 min Scan# 5085
Delta R.T. -0.007 min
Lab File: BM031339.D
Acq: 01 Aug 2021 08:17

Tgt Ion:	228	Resp:	16640
Ion Ratio	Lower	Upper	
228	100		
226	30.3	24.7	37.1
229	22.8	16.2	24.2

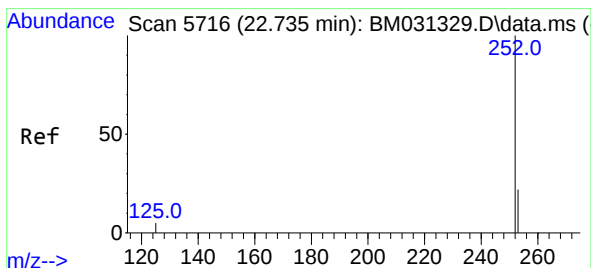
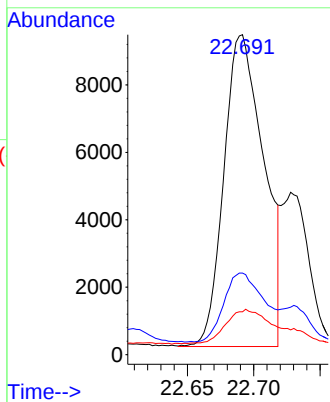
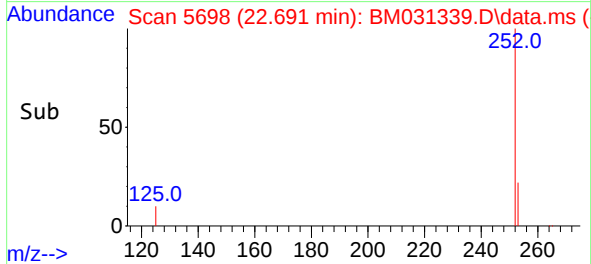




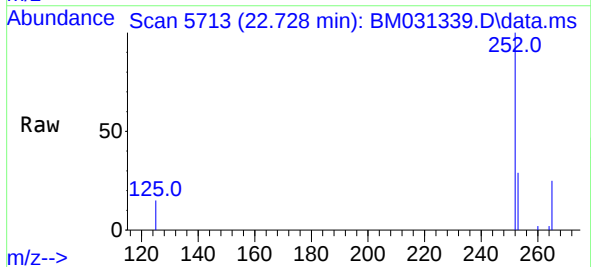
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Benzo(b)fluoranthene
Concen: 0.838 ng/ul m
RT: 22.691 min Scan# 5698
Delta R.T. -0.007 min
Lab File: BM031339.D
Acq: 01 Aug 2021 08:17



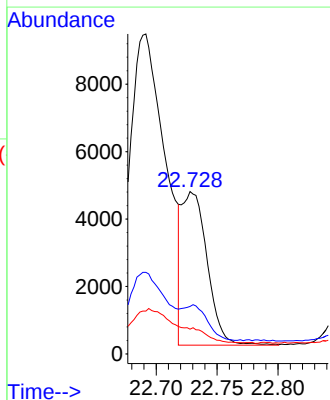
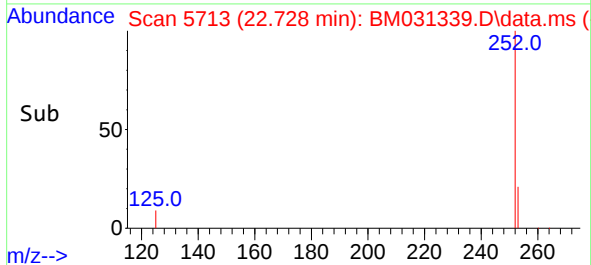
Tgt Ion:252 Resp: 19334
Ion Ratio Lower Upper
252 100
253 25.5 0.0 53.0
125 13.4 0.0 22.8



#25
Benzo(k)fluoranthene
Concen: 0.278 ng/ul m
RT: 22.728 min Scan# 5713
Delta R.T. -0.012 min
Lab File: BM031339.D
Acq: 01 Aug 2021 08:17



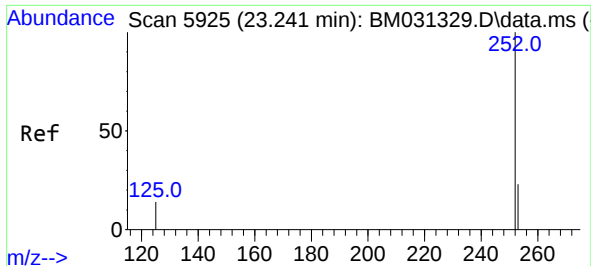
Tgt Ion:252 Resp: 6632
Ion Ratio Lower Upper
252 100
253 29.3 21.3 31.9
125 15.3 8.8 13.2#



Instrument :
BNA_M
ClientSampleID :
C0046DL

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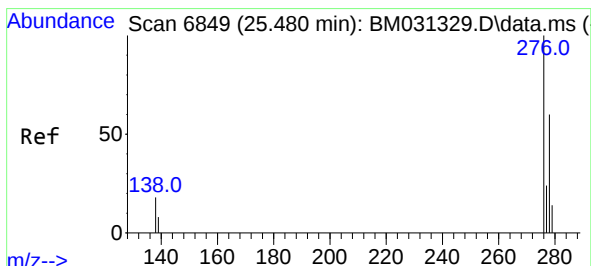
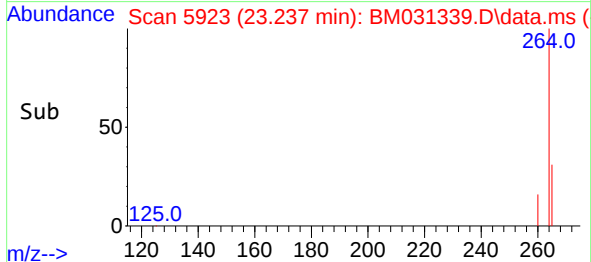
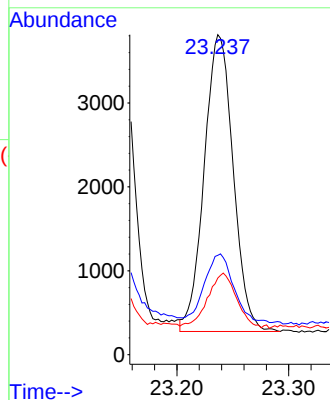
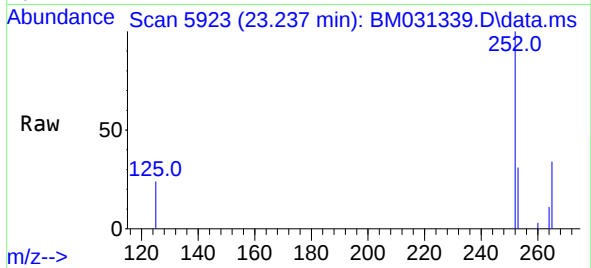
#26
Benzo(a)pyrene
Concen: 0.316 ng/ul
RT: 23.237 min Scan# 5923
Delta R.T. -0.012 min
Lab File: BM031339.D
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Tgt Ion:	252	Resp:	6381
Ion Ratio	Lower	Upper	
252	100		
253	31.1	22.4	33.6
125	23.9	13.0	19.4

Instrument :
BNA_M
ClientSampleId :
C0046DL

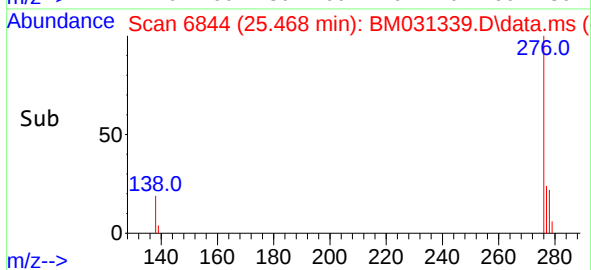
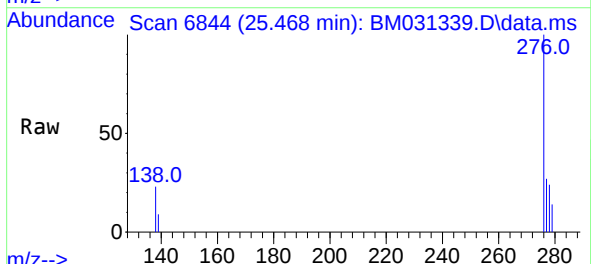
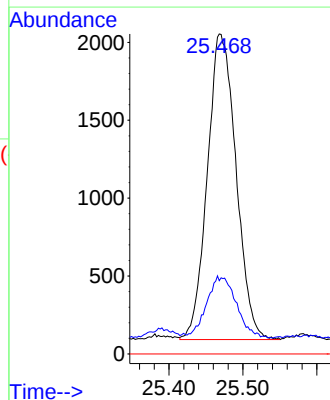
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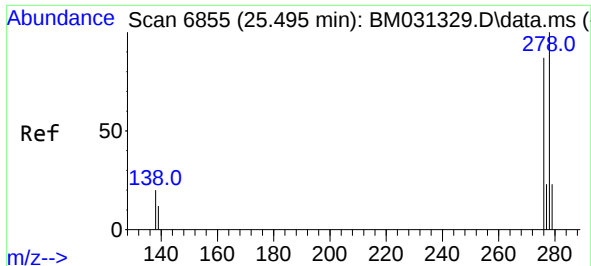
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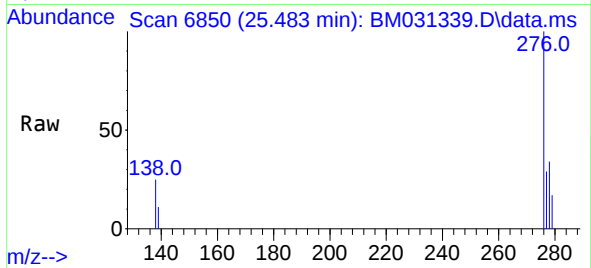
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.203 ng/ul
RT: 25.468 min Scan# 6844
Delta R.T. -0.021 min
Lab File: BM031339.D
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Tgt Ion:	276	Resp:	5308
Ion Ratio	Lower	Upper	
276	100		
138	20.8	15.8	23.8
227	0.0	0.0	0.0

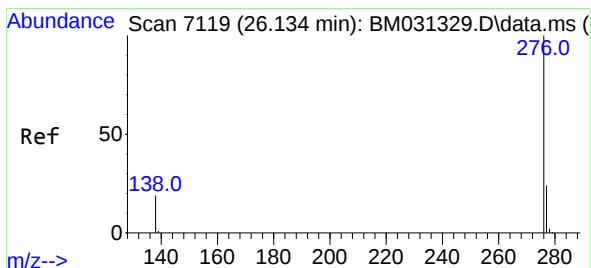
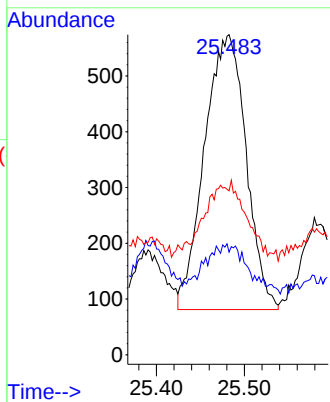
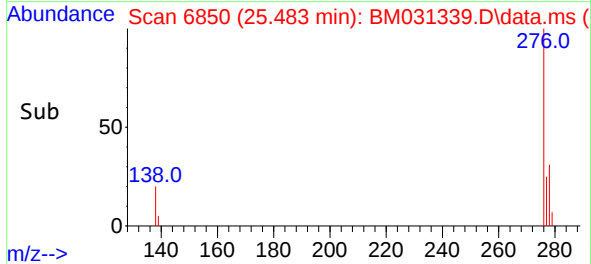




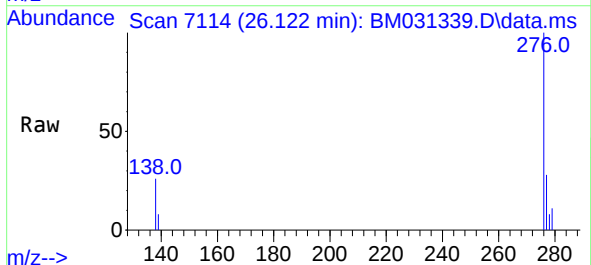
#28
Dibenzo(a,h)anthracene
Concen: 0.077 ng/ul
RT: 25.483 min Scan# 6850
Delta R.T. -0.021 min
Lab File: BM031339.D
Acq: 01 Aug 2021 08:17



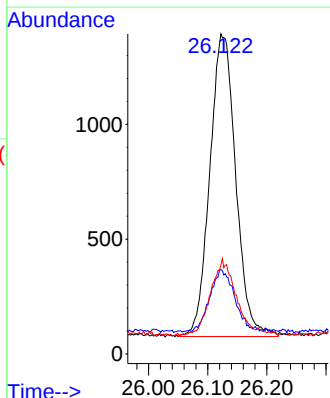
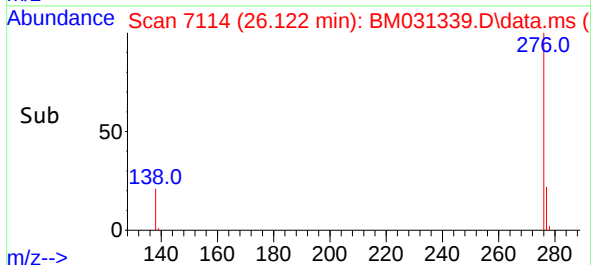
Tgt Ion:278 Resp: 1620
Ion Ratio Lower Upper
278 100
139 32.1 13.3 19.9#
279 51.2 22.8 34.2#



#29
Benzo(g,h,i)perylene
Concen: 0.180 ng/ul
RT: 26.122 min Scan# 7114
Delta R.T. -0.021 min
Lab File: BM031339.D
Acq: 01 Aug 2021 08:17



Tgt Ion:276 Resp: 4021
Ion Ratio Lower Upper
276 100
138 26.4 15.4 23.2#
277 27.8 19.9 29.9



Instrument :
BNA_M
ClientSampled :
C0046DL

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