

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080521\
 Data File : BM031539.D
 Acq On : 07 Aug 2021 06:12
 Operator : CG/JU
 Sample : M3124-13
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0094

Manual Integrations
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Quant Time: Aug 07 07:17:13 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	7.587	152	1398	0.400	ng/ul	0.00
4) Naphthalene-d8	10.347	136	5198	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.216	164	3209	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.968	188	5862	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.159	240	4298	0.400	ng/ul	# 0.00
23) Perylene-d12	23.316	264	4569	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.189	96	6589	4.244	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.939	152	2829	0.323	ng/ul	0.00
18) Fluoranthene-d10	19.001	212	5578	0.389	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.397	128	6341	0.410	ng/ul	100
7) 2-Methylnaphthalene	12.016	142	4705	0.445	ng/ul	99
8) 1-Methylnaphthalene	12.236	142	3164	0.303	ng/ul	100
10) Acenaphthylene	13.936	152	15784	1.155	ng/ul	98
11) Acenaphthene	14.280	153	2659	0.231	ng/ul	98
12) Fluorene	15.274	166	5260	0.397	ng/ul#	95
15) Phenanthrene	17.009	178	153508	8.247	ng/ul	97
16) Anthracene	17.099	178	43991	2.524	ng/ul	99
19) Fluoranthene	19.031	202	469225	25.567	ng/ul	97
20) Pyrene	19.393	202	341761	18.360	ng/ul	96
21) Benzo(a)anthracene	21.142	228	181069	10.433	ng/ul	98
22) Chrysene	21.195	228	211332	11.769	ng/ul	98
24) Benzo(b)fluoranthene	22.677	252	274844m	13.351	ng/ul	
25) Benzo(k)fluoranthene	22.715	252	90893m	4.273	ng/ul	
26) Benzo(a)pyrene	23.224	252	120980	6.711	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.448	276	106986	4.591	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.456	278	29232	1.556	ng/ul#	94
29) Benzo(g,h,i)perylene	26.105	276	7349	0.370	ng/ul#	69

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

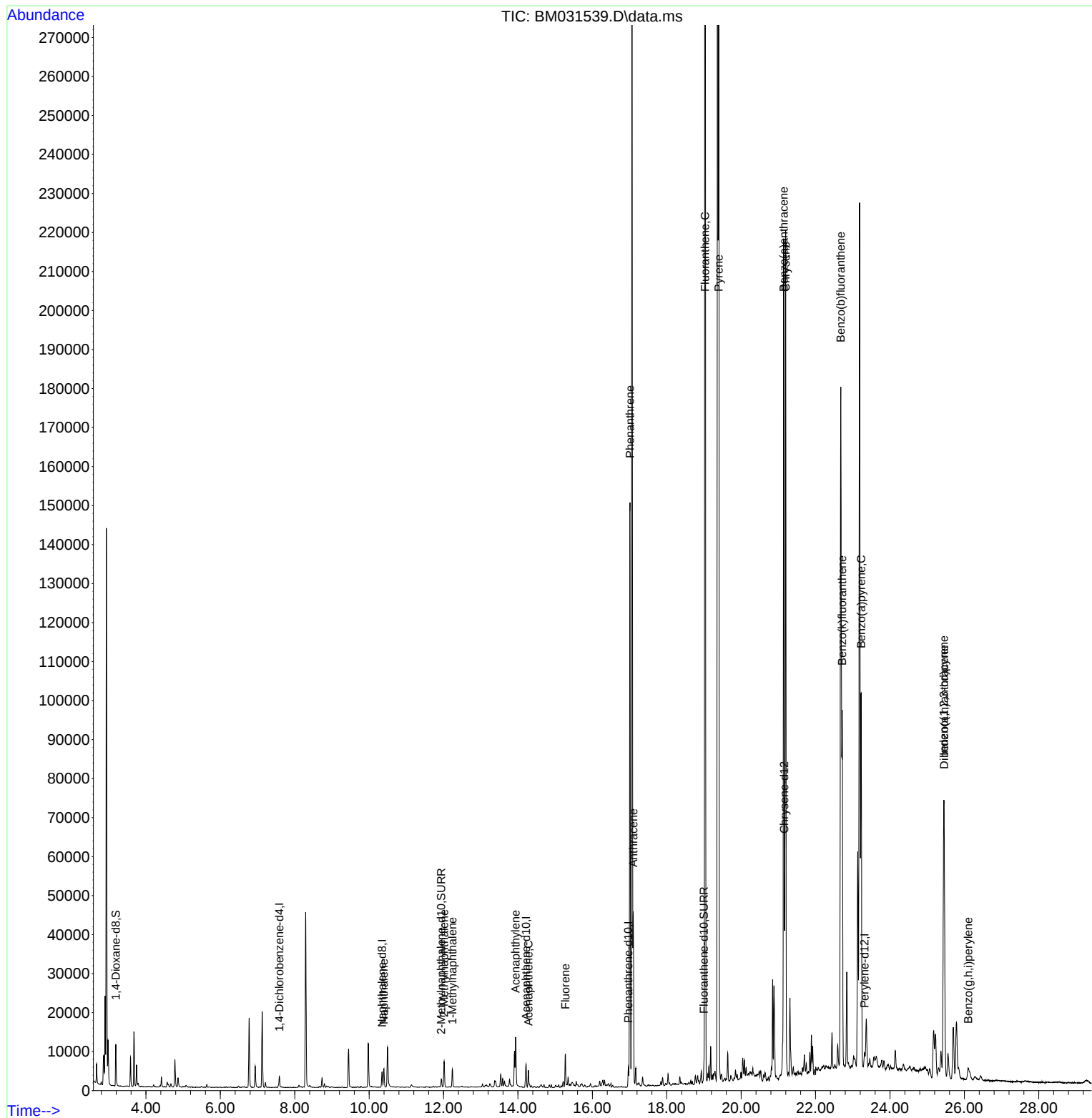
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Data File : BM031539.D
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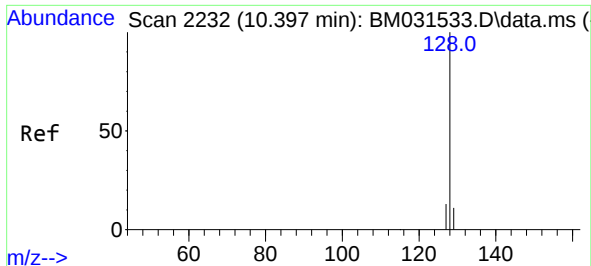
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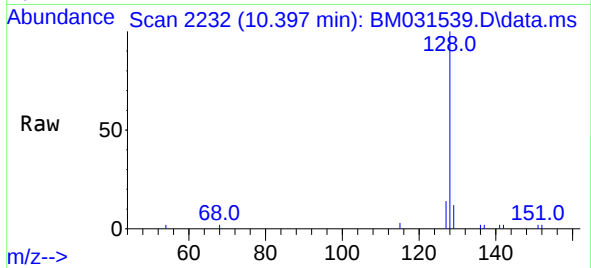
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Quant Time: Aug 07 07:17:13 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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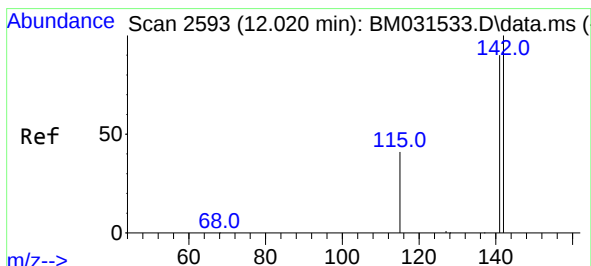
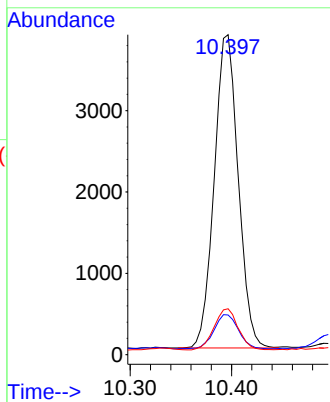
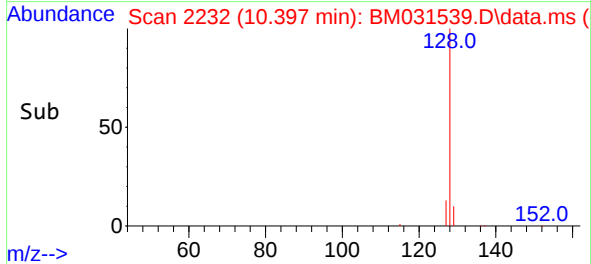




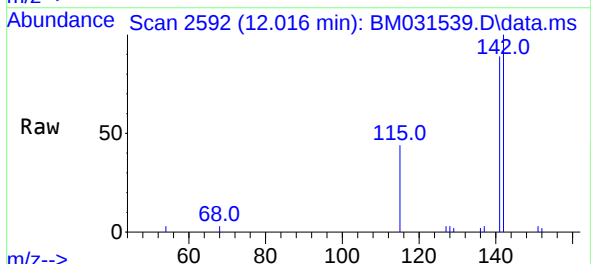
#5
Naphthalene
Concen: 0.410 ng/ul
RT: 10.397 min Scan# 2232
Delta R.T. 0.001 min
Lab File: BM031539.D
Acq: 07 Aug 2021 06:12



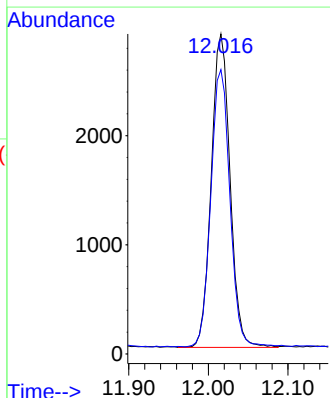
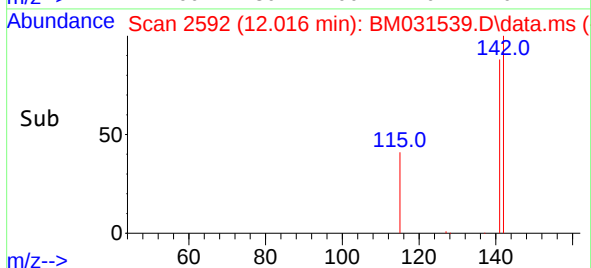
Tgt Ion:	128	Resp:	6341
Ion	Ratio	Lower	Upper
128	100		
129	12.4	10.0	15.0
127	14.3	11.6	17.4



#7
2-Methylnaphthalene
Concen: 0.445 ng/ul
RT: 12.016 min Scan# 2592
Delta R.T. -0.004 min
Lab File: BM031539.D
Acq: 07 Aug 2021 06:12



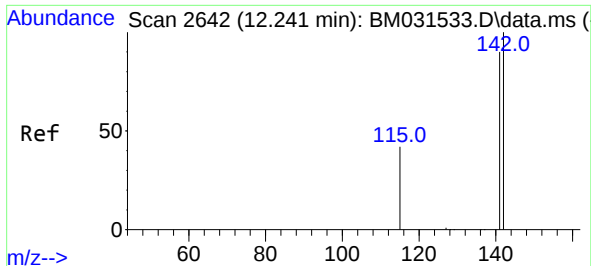
Tgt Ion:	142	Resp:	4705
Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.4	107.0



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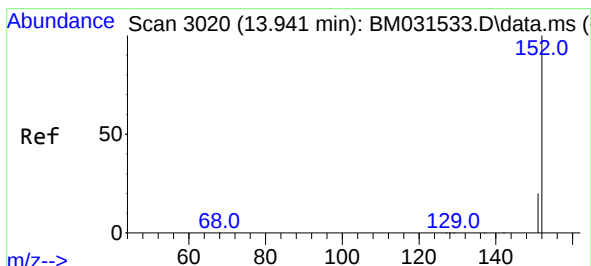
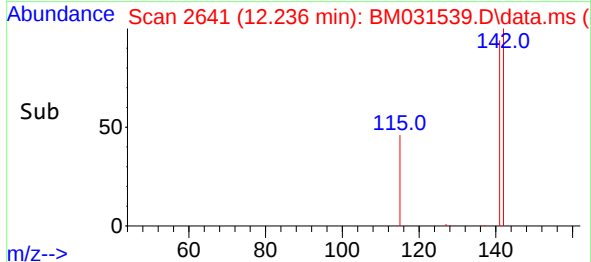
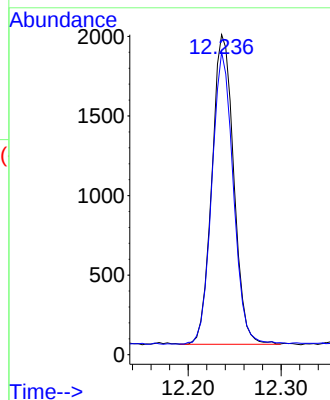
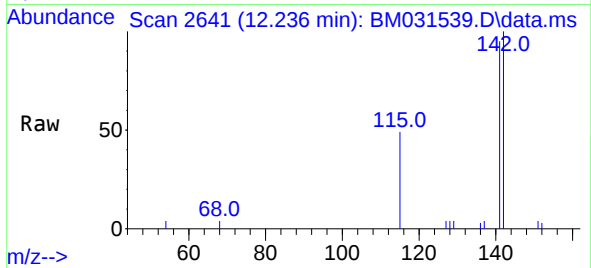
#8
1-Methylnaphthalene
Concen: 0.303 ng/ul
RT: 12.236 min Scan# 2641
Delta R.T. -0.004 min
Lab File: BM031539.D
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Tgt Ion:142 Resp: 3164
Ion Ratio Lower Upper
142 100
141 92.6 74.1 111.1

Instrument :
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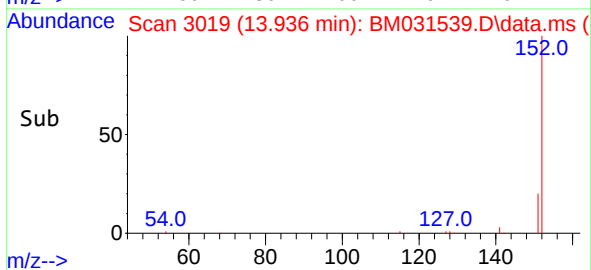
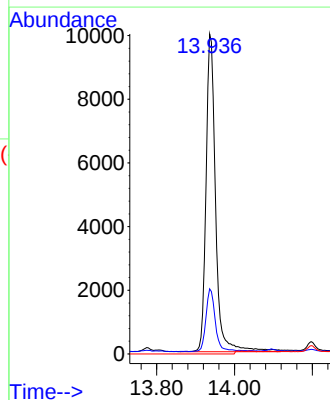
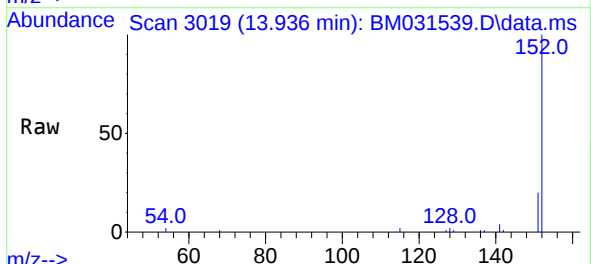
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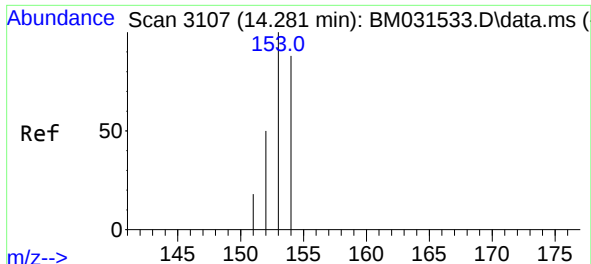
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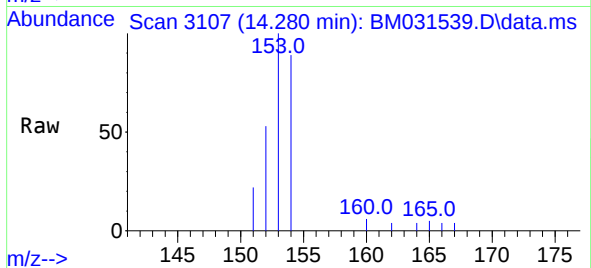
#10
Acenaphthylene
Concen: 1.155 ng/ul
RT: 13.936 min Scan# 3019
Delta R.T. -0.004 min
Lab File: BM031539.D
Acq: 07 Aug 2021 06:12

Tgt Ion:152 Resp: 15784
Ion Ratio Lower Upper
152 100
151 20.3 16.9 25.3
153 0.0 0.0 0.0

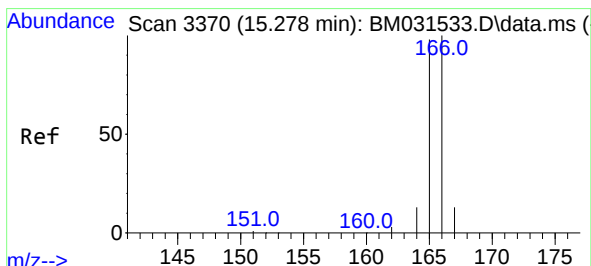
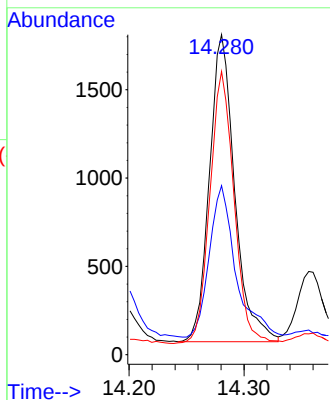
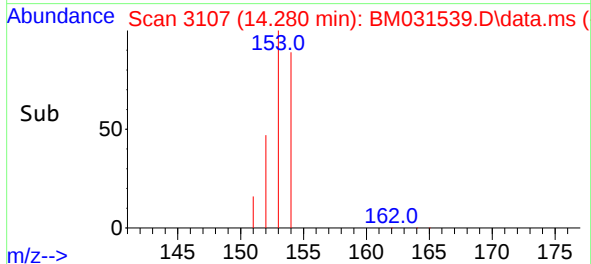




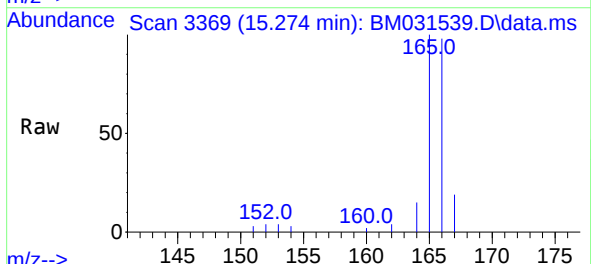
#11
Acenaphthene
Concen: 0.231 ng/ul
RT: 14.280 min Scan# 3107
Delta R.T. -0.004 min
Lab File: BM031539.D
Acq: 07 Aug 2021 06:12



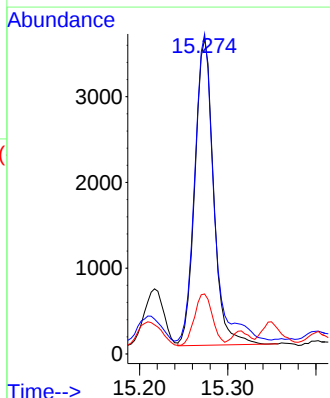
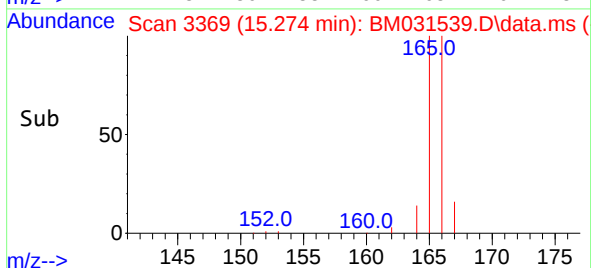
Tgt Ion:153 Resp: 2659
Ion Ratio Lower Upper
153 100
152 52.8 40.7 61.1
154 88.5 70.2 105.2



#12
Fluorene
Concen: 0.397 ng/ul
RT: 15.274 min Scan# 3369
Delta R.T. 0.000 min
Lab File: BM031539.D
Acq: 07 Aug 2021 06:12



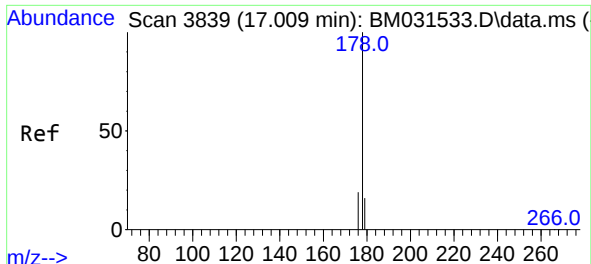
Tgt Ion:166 Resp: 5260
Ion Ratio Lower Upper
166 100
165 101.6 78.0 117.0
167 19.0 12.0 18.0#



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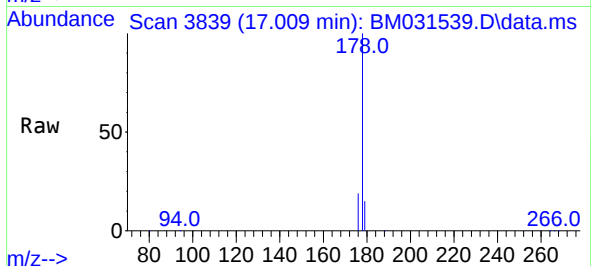
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#15
Phenanthrene
Concen: 8.247 ng/u1
RT: 17.009 min Scan# 3839
Delta R.T. -0.003 min
Lab File: BM031539.D
Acq: 07 Aug 2021 06:12

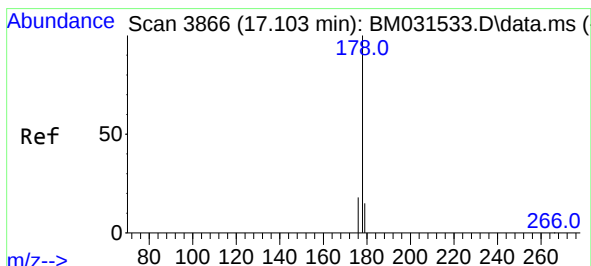
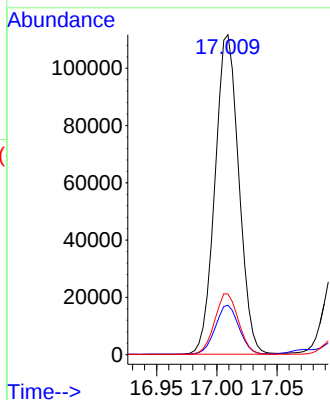
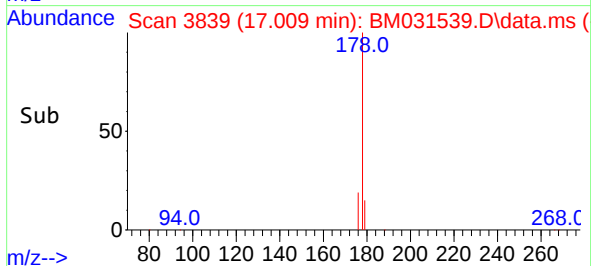
Instrument :
BNA_M
ClientSampled :
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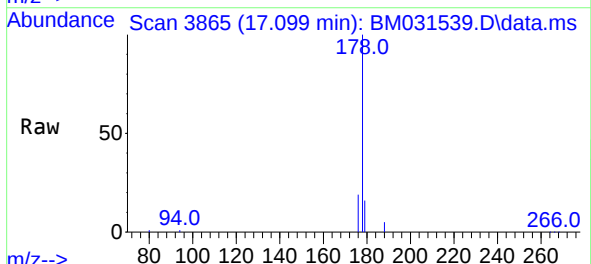
Tgt Ion:178 Resp: 153508
Ion Ratio Lower Upper
178 100
179 15.5 13.3 19.9
176 19.0 16.2 24.4

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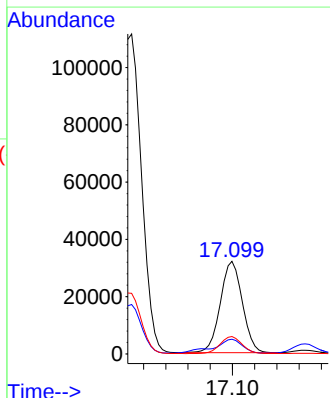
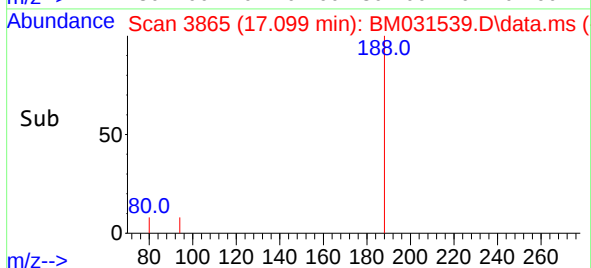
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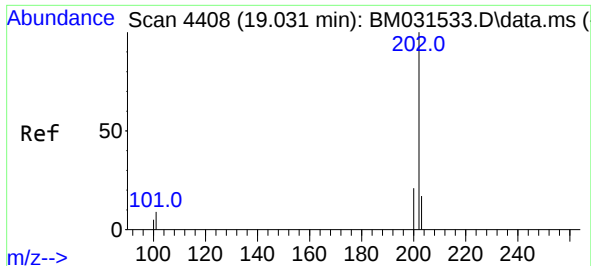


#16
Anthracene
Concen: 2.524 ng/u1
RT: 17.099 min Scan# 3865
Delta R.T. -0.003 min
Lab File: BM031539.D
Acq: 07 Aug 2021 06:12

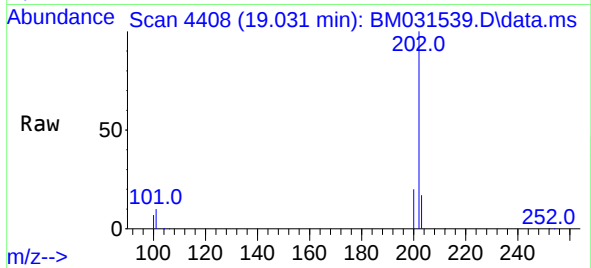


Tgt Ion:178 Resp: 43991
Ion Ratio Lower Upper
178 100
179 15.9 13.0 19.6
176 18.9 15.6 23.4

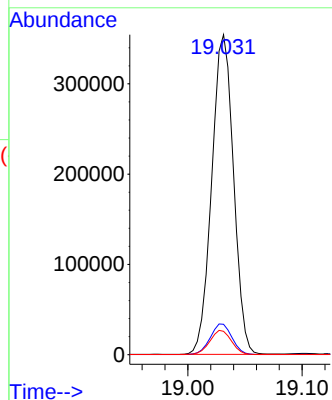




#19
Fluoranthene
Concen: 25.567 ng/u1
RT: 19.031 min Scan# 4408
Delta R.T. 0.000 min
Lab File: BM031539.D
Acq: 07 Aug 2021 06:12



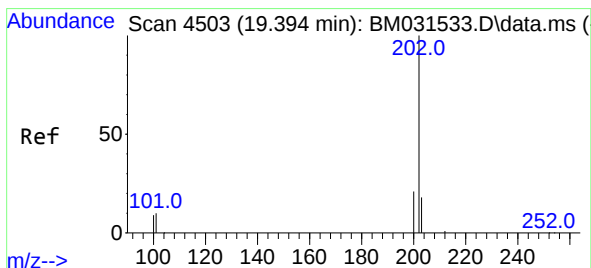
Tgt Ion:202 Resp: 469225
Ion Ratio Lower Upper
202 100
101 9.5 6.6 10.0
100 7.3 5.4 8.0



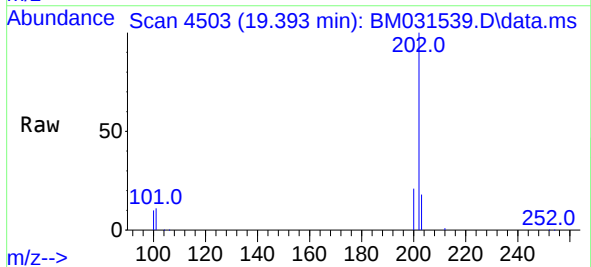
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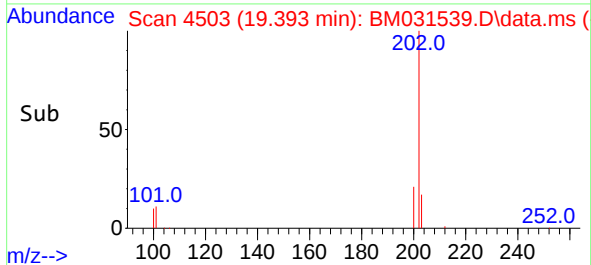
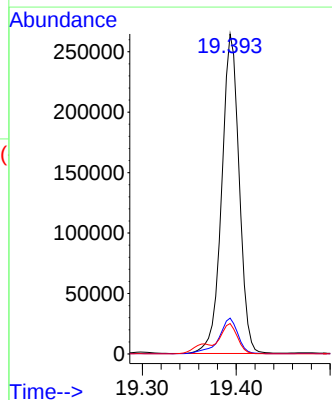
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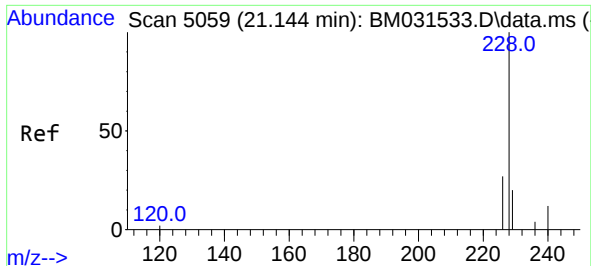


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Pyrene
Concen: 18.360 ng/u1
RT: 19.393 min Scan# 4503
Delta R.T. -0.004 min
Lab File: BM031539.D
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Tgt Ion:202 Resp: 341761
Ion Ratio Lower Upper
202 100
101 11.2 7.8 11.6
100 9.5 6.6 10.0





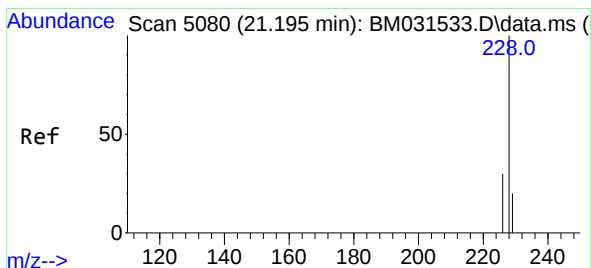
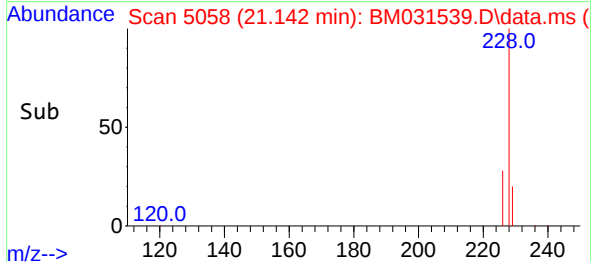
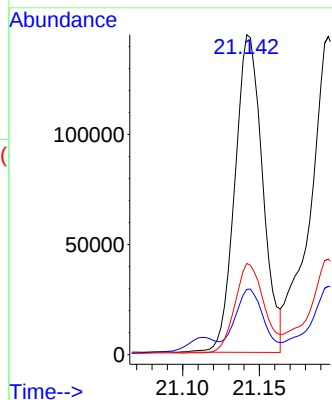
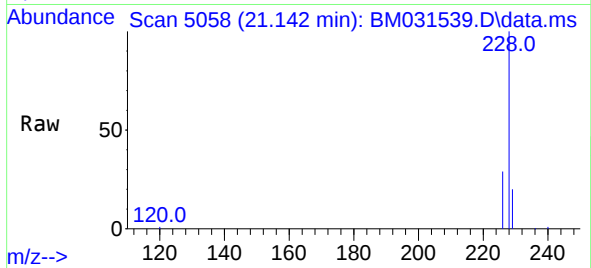
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Benzo(a)anthracene
Concen: 10.433 ng/ul
RT: 21.142 min Scan# 5058
Delta R.T. -0.010 min
Lab File: BM031539.D
Acq: 07 Aug 2021 06:12

Tgt Ion:	228	Resp:	181069
Ion Ratio	Lower	Upper	
228	100		
229	20.4	15.6	23.4
226	28.5	21.7	32.5

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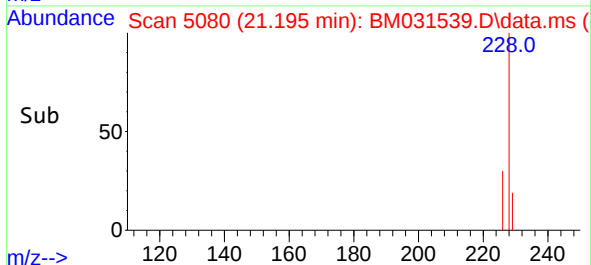
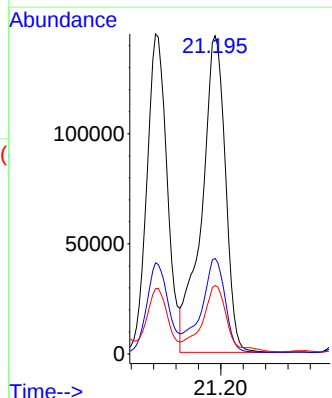
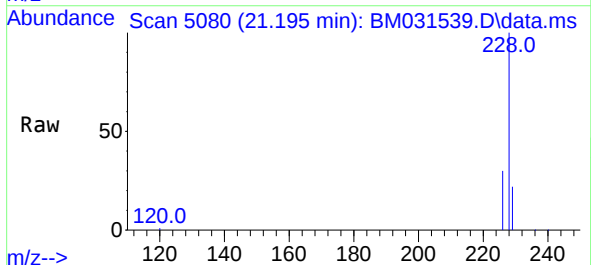
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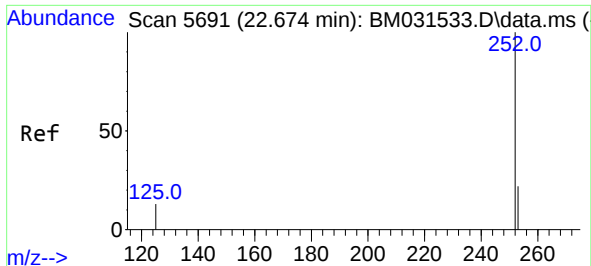
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#22
Chrysene
Concen: 11.769 ng/ul
RT: 21.195 min Scan# 5080
Delta R.T. -0.005 min
Lab File: BM031539.D
Acq: 07 Aug 2021 06:12

Tgt Ion:	228	Resp:	211332
Ion Ratio	Lower	Upper	
228	100		
226	30.0	24.7	37.1
229	21.5	16.2	24.2





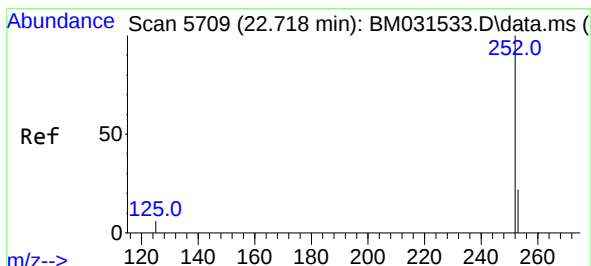
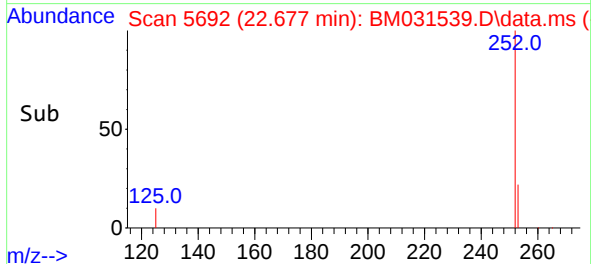
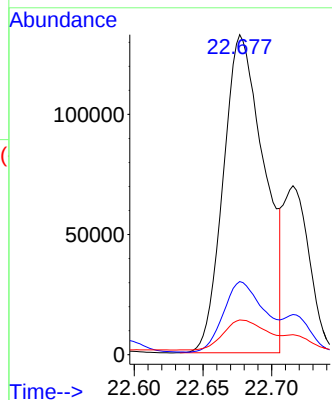
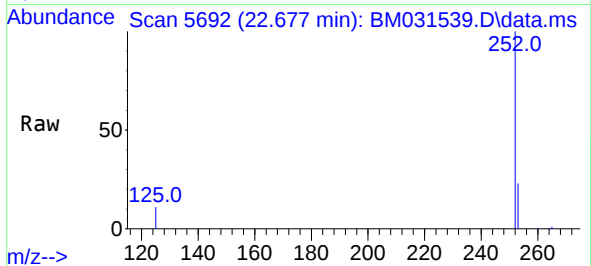
#24
Benzo(b)fluoranthene
Concen: 13.351 ng/ul m
RT: 22.677 min Scan# 5692
Delta R.T. -0.005 min
Lab File: BM031539.D
Acq: 07 Aug 2021 06:12

Tgt Ion:252 Resp: 274844
Ion Ratio Lower Upper
252 100
253 22.9 0.0 53.0
125 10.9 0.0 22.8

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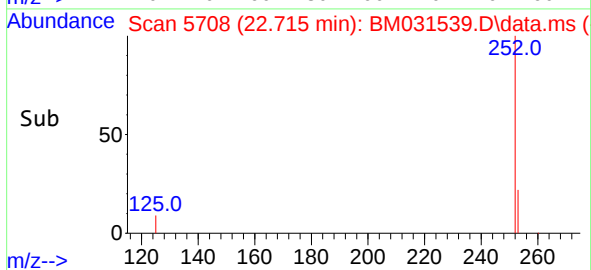
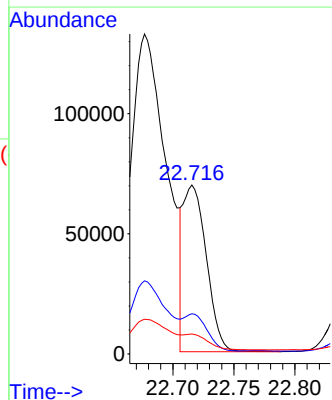
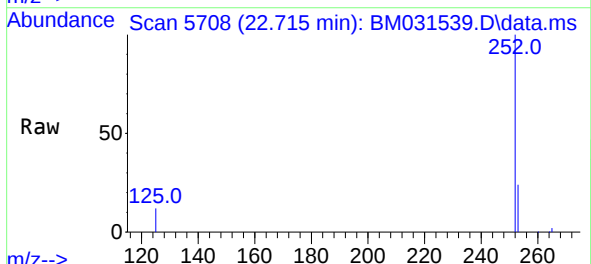
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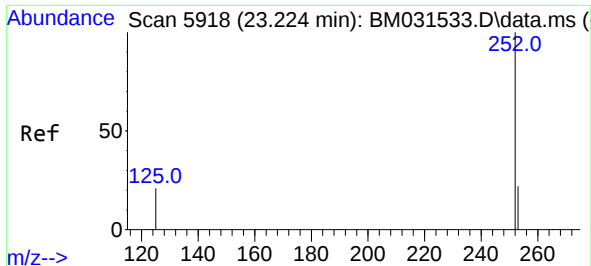
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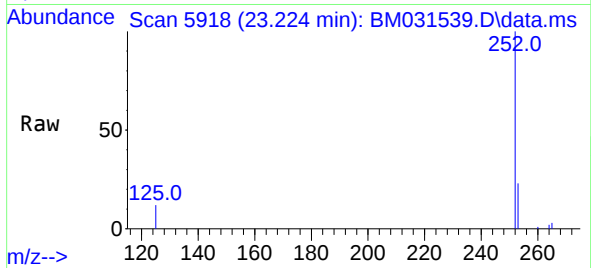
#25
Benzo(k)fluoranthene
Concen: 4.273 ng/ul m
RT: 22.715 min Scan# 5708
Delta R.T. -0.007 min
Lab File: BM031539.D
Acq: 07 Aug 2021 06:12

Tgt Ion:252 Resp: 90893
Ion Ratio Lower Upper
252 100
253 23.7 21.3 31.9
125 11.9 8.8 13.2

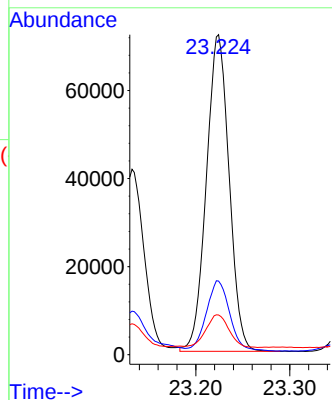




#26
Benzo(a)pyrene
Concen: 6.711 ng/ul
RT: 23.224 min Scan# 5918
Delta R.T. -0.007 min
Lab File: BM031539.D
Acq: 07 Aug 2021 06:12



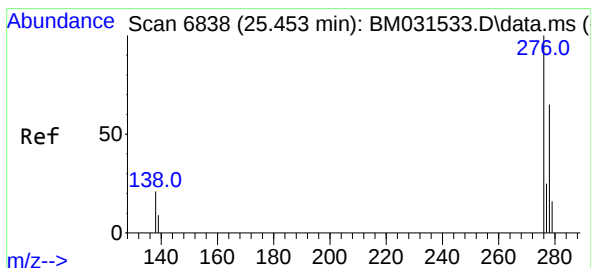
Tgt Ion:252 Resp: 120980
Ion Ratio Lower Upper
252 100
253 23.0 22.4 33.6
125 12.4 13.0 19.4#



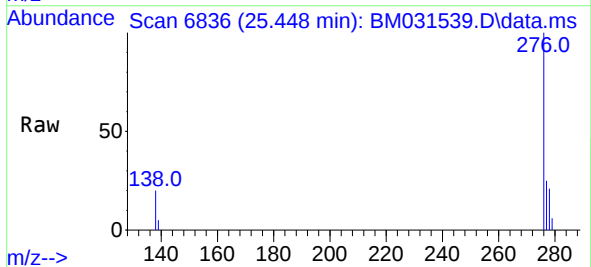
Instrument :
BNA_M
ClientSampleId :
C0094

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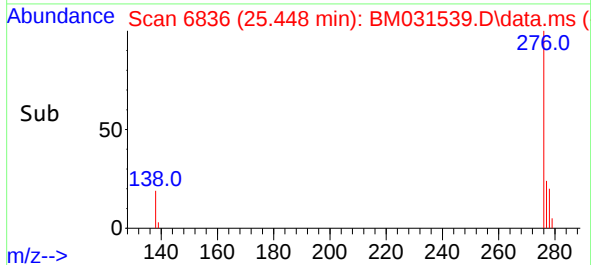
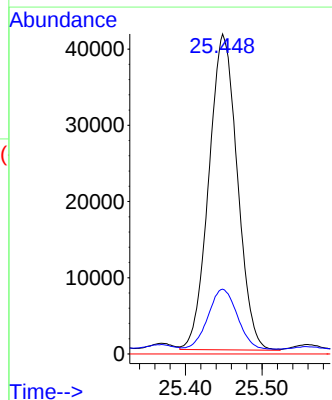
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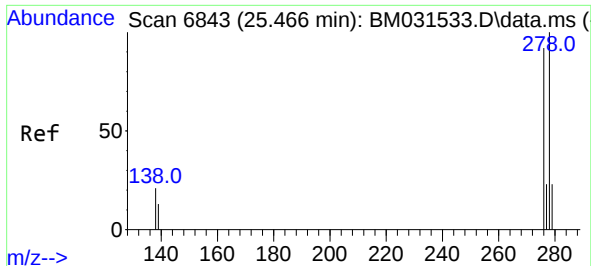


#27
Indeno(1,2,3-cd)pyrene
Concen: 4.591 ng/ul
RT: 25.448 min Scan# 6836
Delta R.T. -0.014 min
Lab File: BM031539.D
Acq: 07 Aug 2021 06:12



Tgt Ion:276 Resp: 106986
Ion Ratio Lower Upper
276 100
138 19.6 15.8 23.8
227 0.0 0.0 0.0





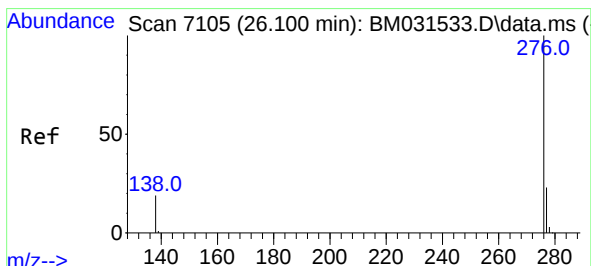
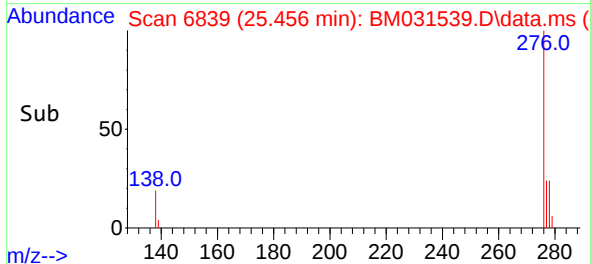
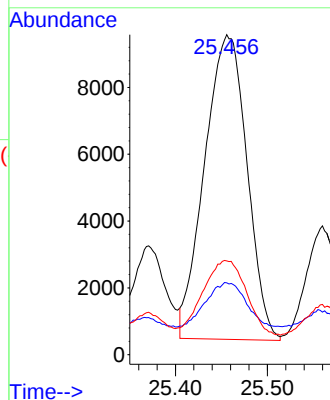
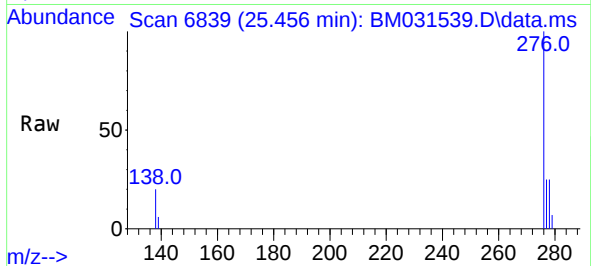
#28
Dibenzo(a,h)anthracene
Concen: 1.556 ng/ul
RT: 25.456 min Scan# 6839
Delta R.T. -0.019 min
Lab File: BM031539.D
Acq: 07 Aug 2021 06:12

Tgt Ion:	278	Resp:	29232
Ion Ratio	Lower	Upper	
278	100		
139	22.4	13.3	19.9#
279	29.3	22.8	34.2

Instrument :
BNA_M
ClientSampled :
C0094

Manual Integrations
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#29
Benzo(g,h,i)perylene
Concen: 0.370 ng/ul
RT: 26.105 min Scan# 7107
Delta R.T. -0.010 min
Lab File: BM031539.D
Acq: 07 Aug 2021 06:12

Tgt Ion:	276	Resp:	7349
Ion Ratio	Lower	Upper	
276	100		
138	38.1	15.4	23.2#
277	36.6	19.9	29.9#

