

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080521\
 Data File : BM031531.D
 Acq On : 07 Aug 2021 00:40
 Operator : CG/JU
 Sample : M3124-10
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0091

Manual Integrations
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Quant Time: Aug 07 04:20:14 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 03:01:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.587	152	1442	0.400	ng/ul	0.00
4) Naphthalene-d8	10.347	136	5283	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.216	164	3150	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.968	188	5806	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.159	240	4698	0.400	ng/ul	# 0.00
23) Perylene-d12	23.314	264	4460	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.189	96	4118	2.571	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.939	152	1713	0.192	ng/ul	0.00
18) Fluoranthene-d10	18.997	212	3378	0.215	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.392	128	9086	0.577	ng/ul	99
7) 2-Methylnaphthalene	12.016	142	5258	0.489	ng/ul	100
8) 1-Methylnaphthalene	12.236	142	2793	0.263	ng/ul	99
10) Acenaphthylene	13.941	152	4738	0.353	ng/ul	99
11) Acenaphthene	14.280	153	1150	0.102	ng/ul	97
12) Fluorene	15.274	166	2115	0.163	ng/ul#	95
14) Pentachlorophenol	16.624	266	61	0.033	ng/ul	96
15) Phenanthrene	17.006	178	48247	2.617	ng/ul	97
16) Anthracene	17.099	178	7825	0.453	ng/ul	98
19) Fluoranthene	19.027	202	112353	5.601	ng/ul	97
20) Pyrene	19.393	202	92031	4.523	ng/ul	98
21) Benzo(a)anthracene	21.142	228	44185	2.329	ng/ul	96
22) Chrysene	21.195	228	53506	2.726	ng/ul	97
24) Benzo(b)fluoranthene	22.674	252	71261m	3.546	ng/ul	
25) Benzo(k)fluoranthene	22.713	252	23508m	1.132	ng/ul	
26) Benzo(a)pyrene	23.219	252	43410	2.467	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	25.444	276	33139	1.457	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.453	278	8032	0.438	ng/ul#	87
29) Benzo(g,h,i)perylene	26.098	276	19968	1.029	ng/ul	98

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

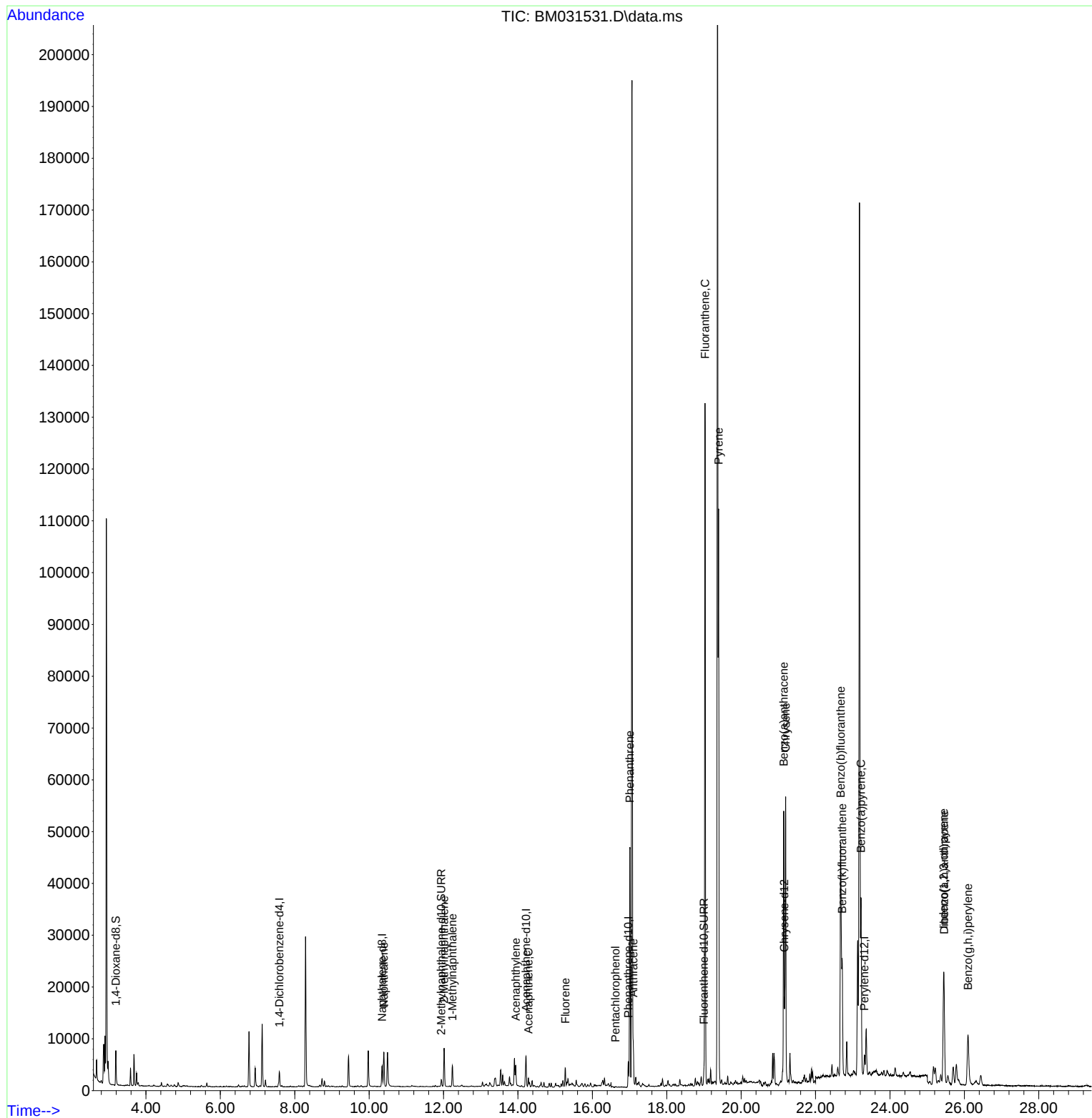
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080521\
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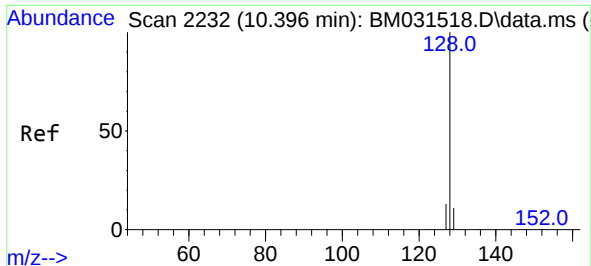
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QLast Update : Sat Aug 07 03:01:15 2021
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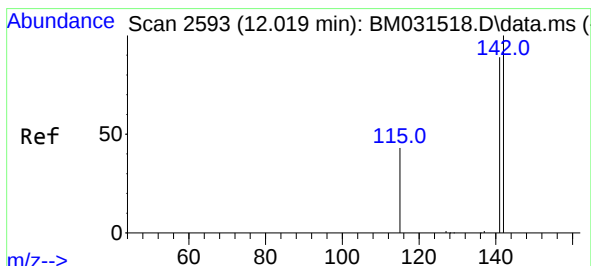
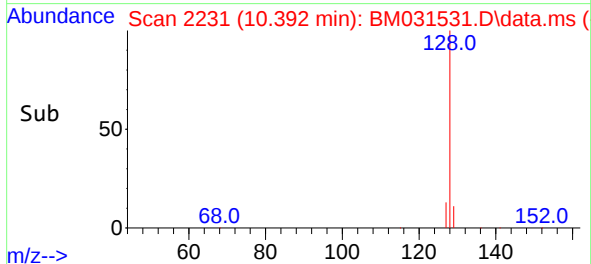
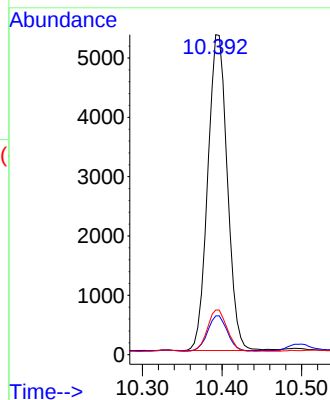
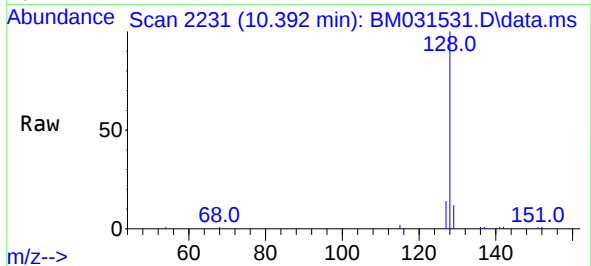
#5
Naphthalene
Concen: 0.577 ng/ul
RT: 10.392 min Scan# 2231
Delta R.T. -0.004 min
Lab File: BM031531.D
Acq: 07 Aug 2021 00:40

Tgt Ion:	128	Resp:	9086
Ion Ratio	Lower	Upper	
128	100		
129	12.1	10.0	15.0
127	13.9	11.6	17.4

Instrument :
BNA_M
ClientSampleId :
C0091

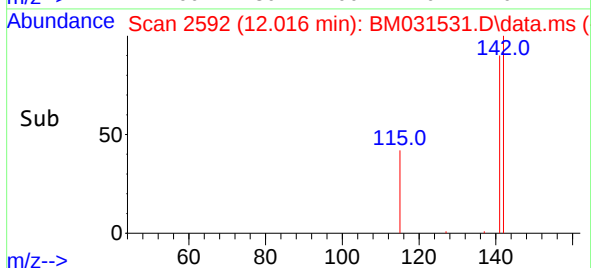
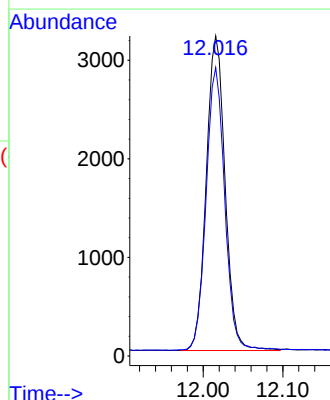
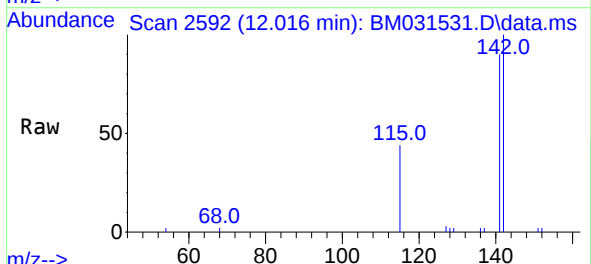
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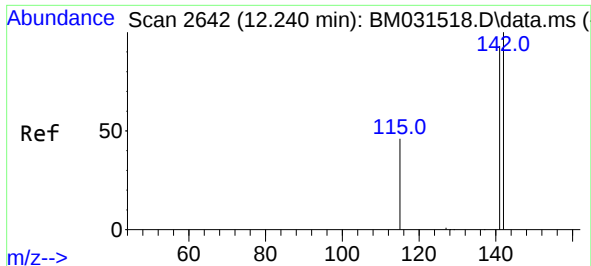
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#7
2-Methylnaphthalene
Concen: 0.489 ng/ul
RT: 12.016 min Scan# 2592
Delta R.T. -0.004 min
Lab File: BM031531.D
Acq: 07 Aug 2021 00:40

Tgt Ion:	142	Resp:	5258
Ion Ratio	Lower	Upper	
142	100		
141	89.3	71.4	107.0





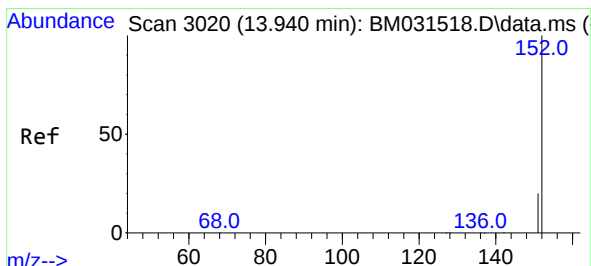
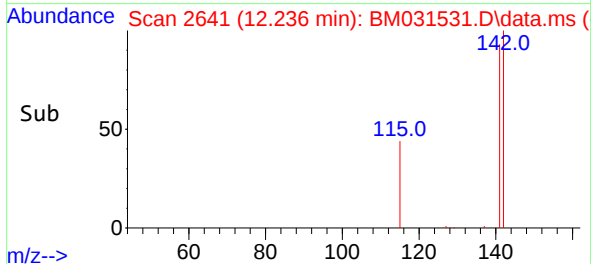
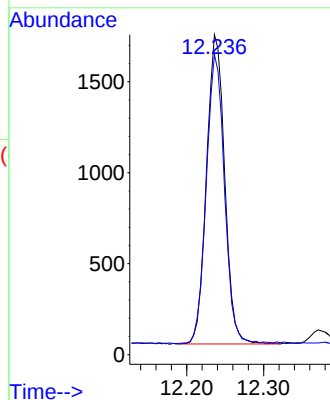
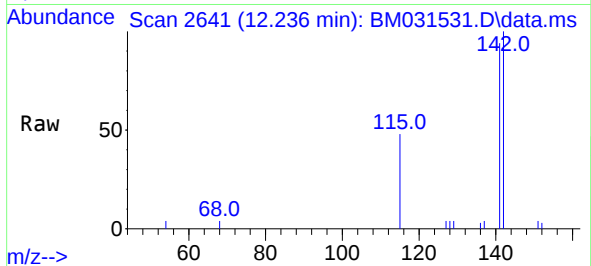
#8
1-Methylnaphthalene
Concen: 0.263 ng/ul
RT: 12.236 min Scan# 2641
Delta R.T. -0.004 min
Lab File: BM031531.D
Acq: 07 Aug 2021 00:40

Tgt Ion:142 Resp: 2793
Ion Ratio Lower Upper
142 100
141 93.4 74.1 111.1

Instrument :
BNA_M
ClientSampleId :
C0091

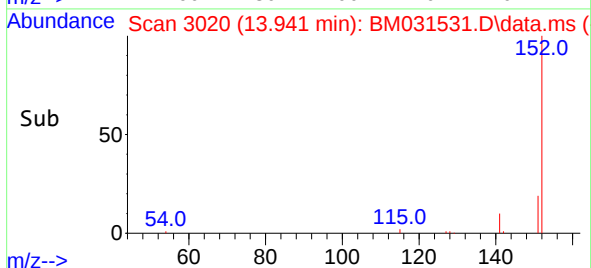
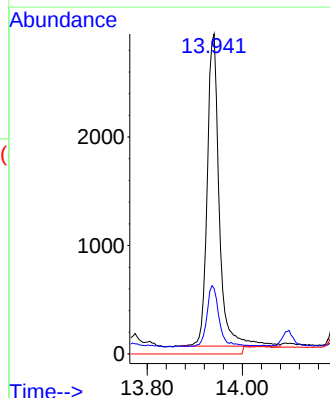
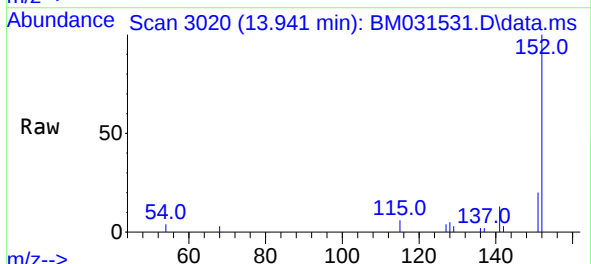
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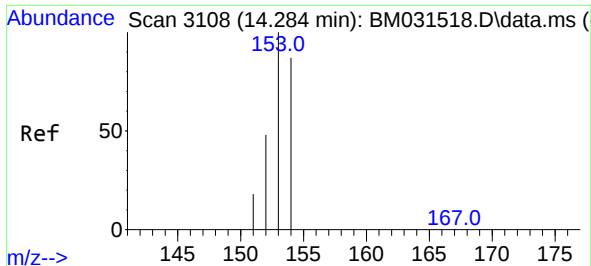
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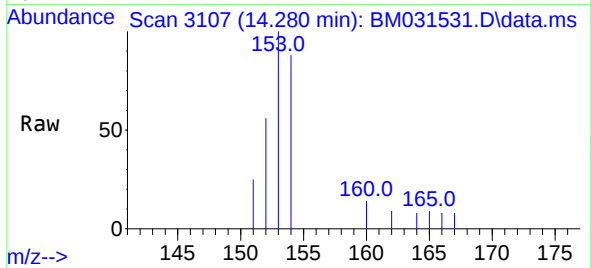
#10
Acenaphthylene
Concen: 0.353 ng/ul
RT: 13.941 min Scan# 3020
Delta R.T. 0.001 min
Lab File: BM031531.D
Acq: 07 Aug 2021 00:40

Tgt Ion:152 Resp: 4738
Ion Ratio Lower Upper
152 100
151 20.4 16.9 25.3
153 0.0 0.0 0.0

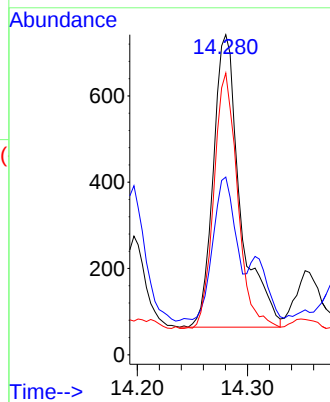
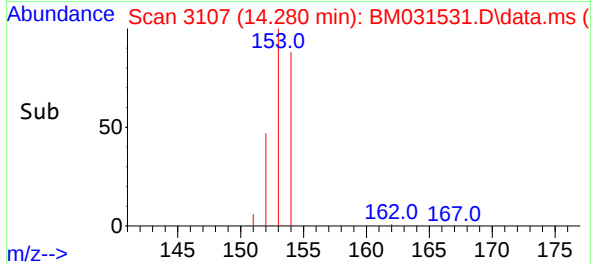




#11
Acenaphthene
Concen: 0.102 ng/ul
RT: 14.280 min Scan# 3107
Delta R.T. -0.004 min
Lab File: BM031531.D
Acq: 07 Aug 2021 00:40



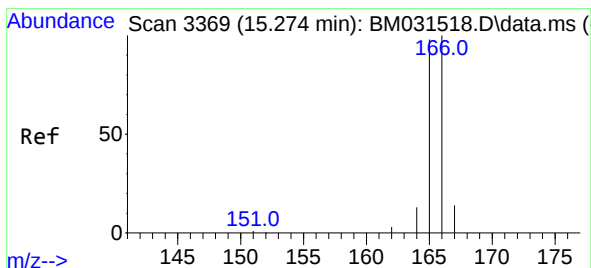
Tgt Ion:153 Resp: 1150
Ion Ratio Lower Upper
153 100
152 55.5 40.7 61.1
154 88.0 70.2 105.2



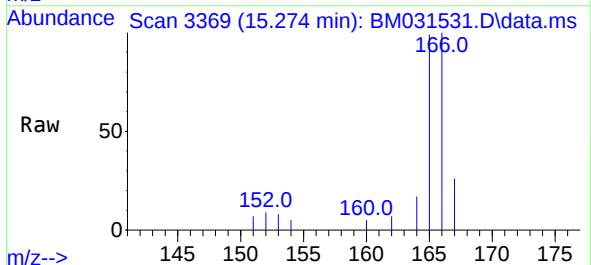
Instrument :
BNA_M
ClientSampled :
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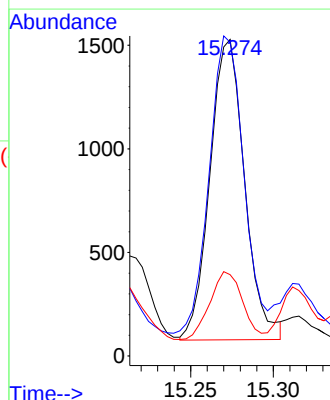
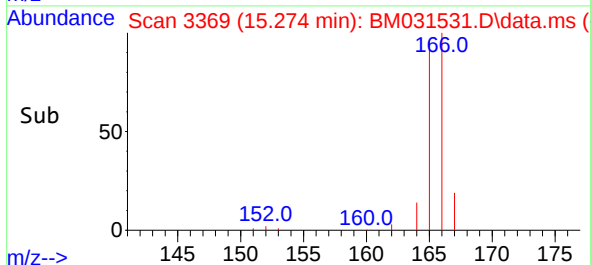
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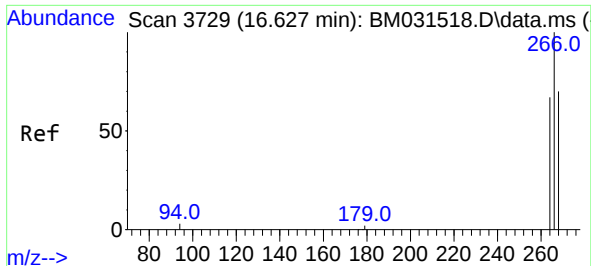


#12
Fluorene
Concen: 0.163 ng/ul
RT: 15.274 min Scan# 3369
Delta R.T. 0.000 min
Lab File: BM031531.D
Acq: 07 Aug 2021 00:40



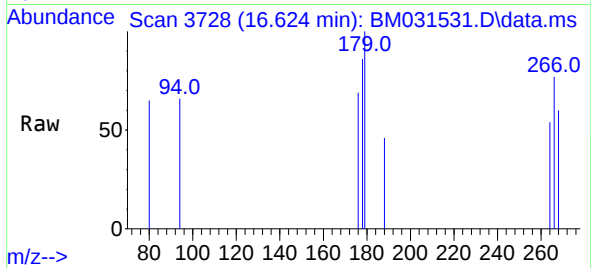
Tgt Ion:166 Resp: 2115
Ion Ratio Lower Upper
166 100
165 99.1 78.0 117.0
167 25.7 12.0 18.0#





#14
Pentachlorophenol
Concen: 0.033 ng/ul
RT: 16.624 min Scan# 3728
Delta R.T. -0.003 min
Lab File: BM031531.D
Acq: 07 Aug 2021 00:40

Instrument :
BNA_M
ClientSampleId :
C0091

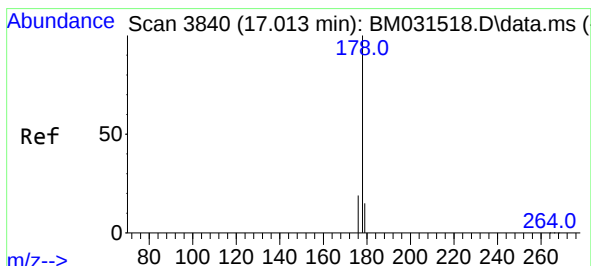
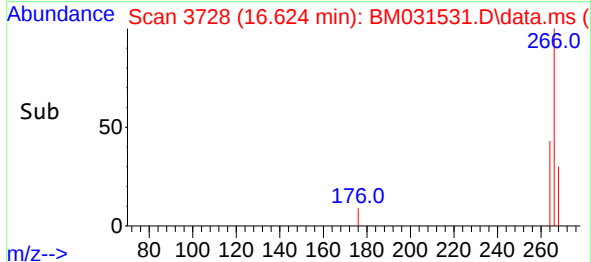
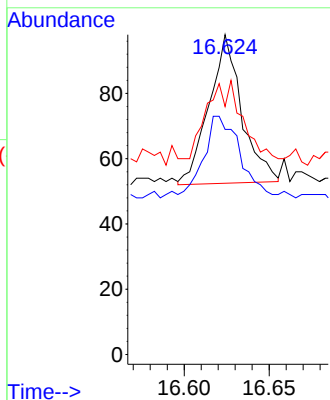


Tgt Ion: 266 Resp: 61

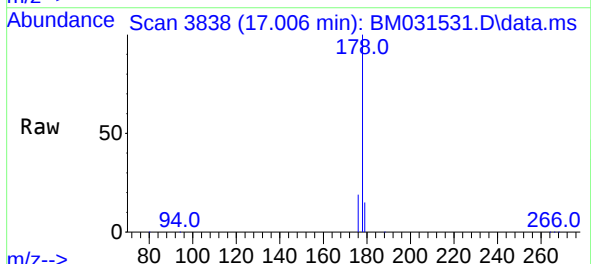
Ion	Ratio	Lower	Upper
266	100		
264	63.9	50.1	75.1
268	68.9	51.3	76.9

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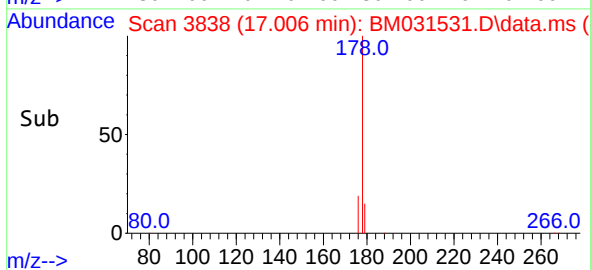
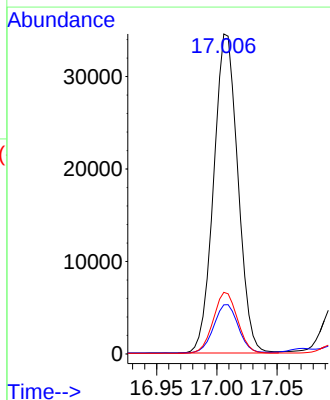


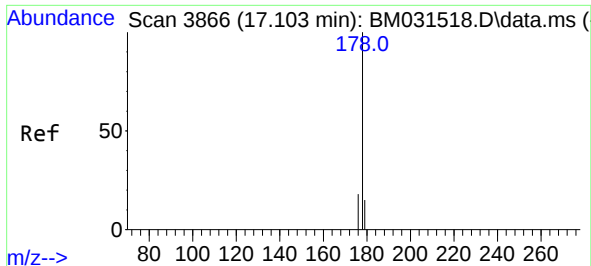
#15
Phenanthrene
Concen: 2.617 ng/ul
RT: 17.006 min Scan# 3838
Delta R.T. -0.007 min
Lab File: BM031531.D
Acq: 07 Aug 2021 00:40



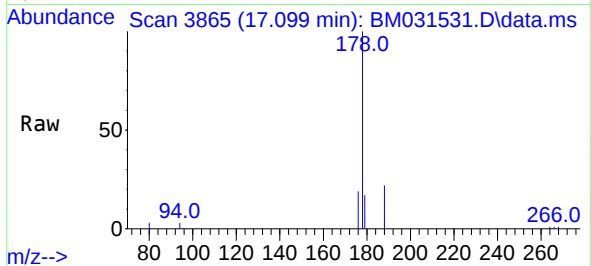
Tgt Ion: 178 Resp: 48247

Ion	Ratio	Lower	Upper
178	100		
179	15.3	13.3	19.9
176	19.3	16.2	24.4

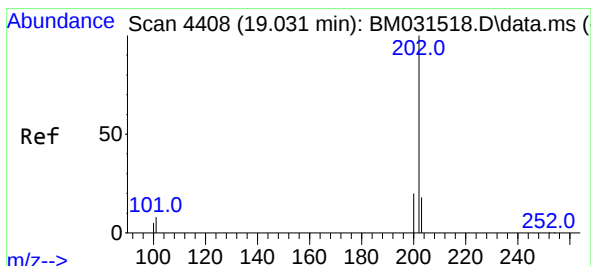
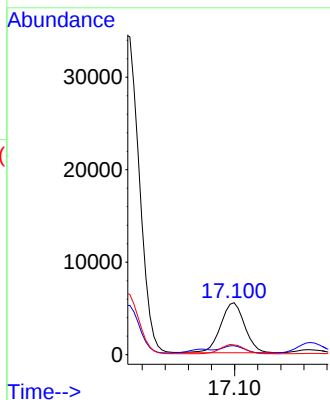
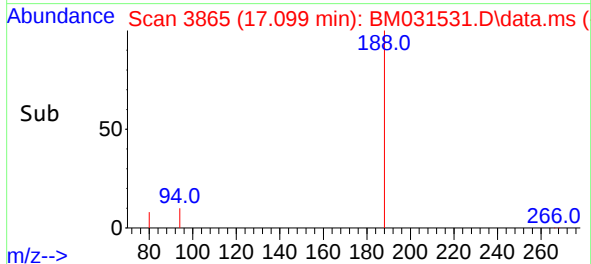




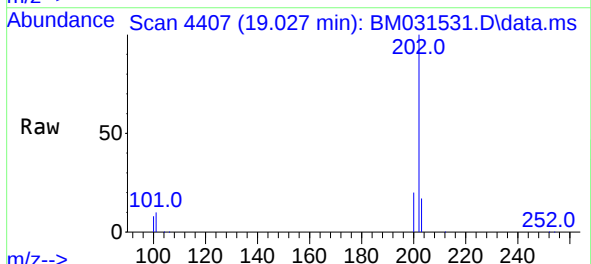
#16
 Anthracene
 Concen: 0.453 ng/u1
 RT: 17.099 min Scan# 3865
 Delta R.T. -0.003 min
 Lab File: BM031531.D
 Acq: 07 Aug 2021 00:40



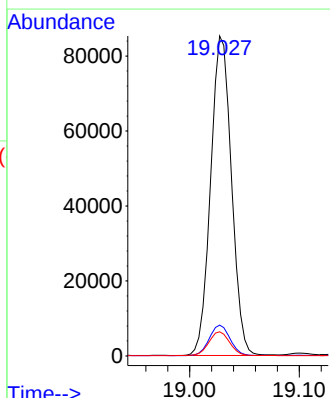
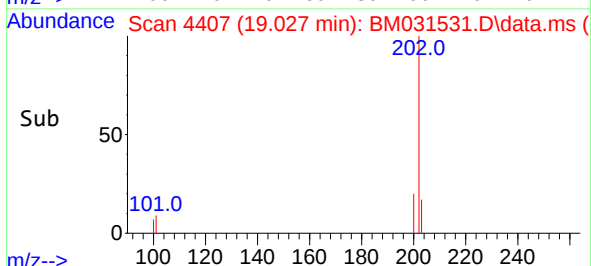
Tgt Ion:	178	Resp:	7825
Ion	Ratio	Lower	Upper
178	100		
179	17.2	13.0	19.6
176	18.7	15.6	23.4



#19
 Fluoranthene
 Concen: 5.601 ng/u1
 RT: 19.027 min Scan# 4407
 Delta R.T. -0.004 min
 Lab File: BM031531.D
 Acq: 07 Aug 2021 00:40



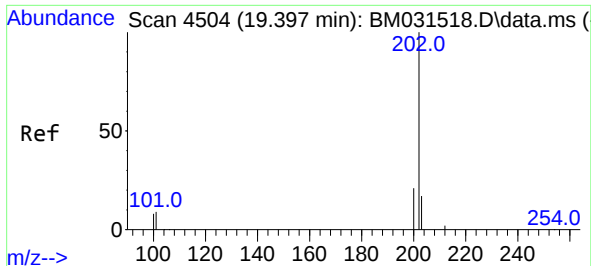
Tgt Ion:	202	Resp:	112353
Ion	Ratio	Lower	Upper
202	100		
101	9.6	6.6	10.0
100	7.5	5.4	8.0



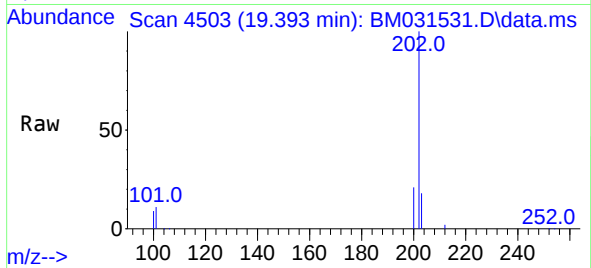
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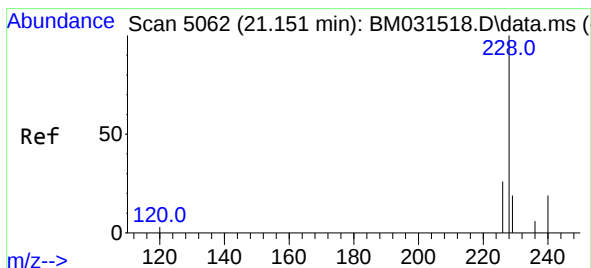
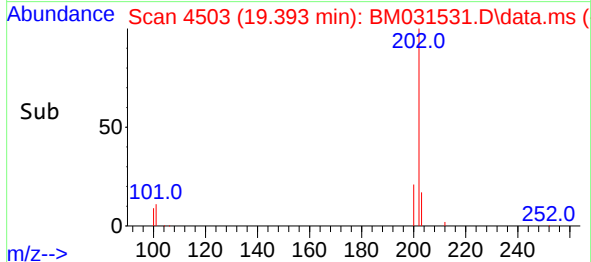
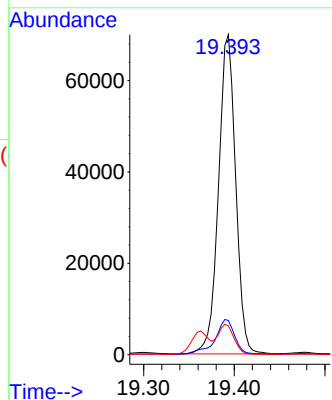
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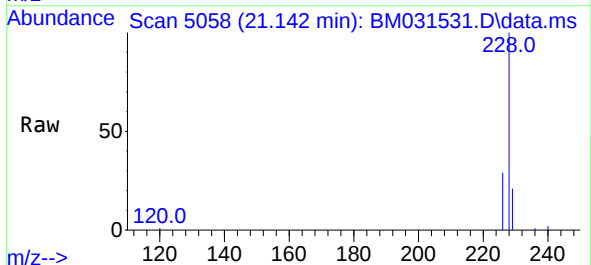
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Pyrene
Concen: 4.523 ng/u1
RT: 19.393 min Scan# 4503
Delta R.T. -0.004 min
Lab File: BM031531.D
Acq: 07 Aug 2021 00:40



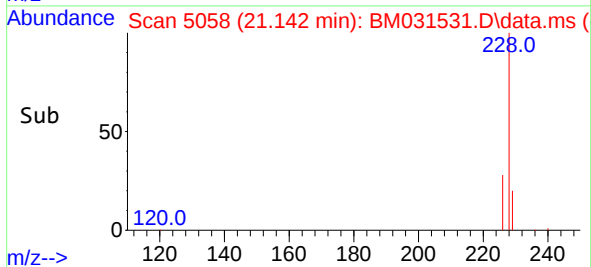
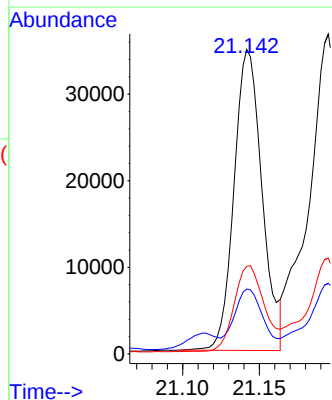
Tgt Ion:202 Resp: 92031
Ion Ratio Lower Upper
202 100
101 10.7 7.8 11.6
100 9.1 6.6 10.0



#21
Benzo(a)anthracene
Concen: 2.329 ng/u1
RT: 21.142 min Scan# 5058
Delta R.T. -0.010 min
Lab File: BM031531.D
Acq: 07 Aug 2021 00:40



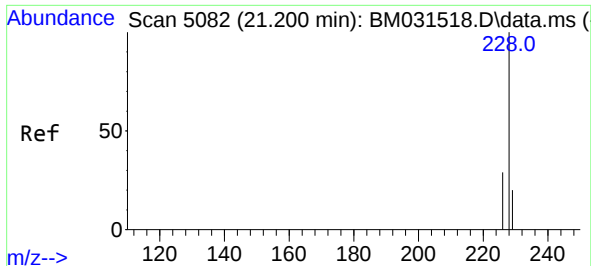
Tgt Ion:228 Resp: 44185
Ion Ratio Lower Upper
228 100
229 21.3 15.6 23.4
226 28.7 21.7 32.5



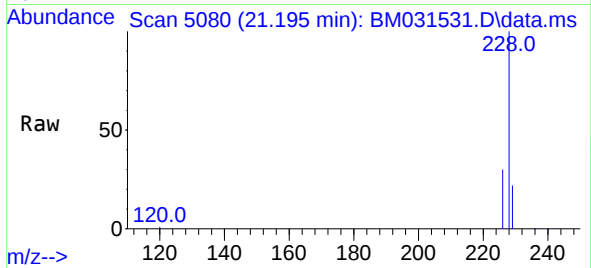
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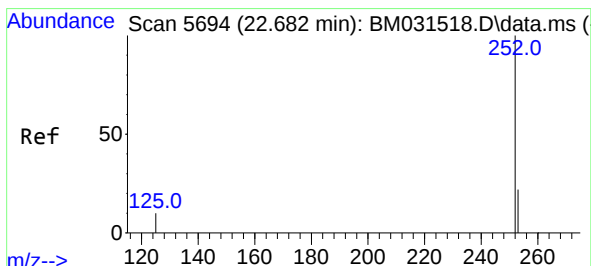
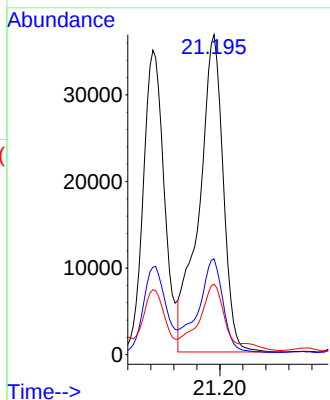
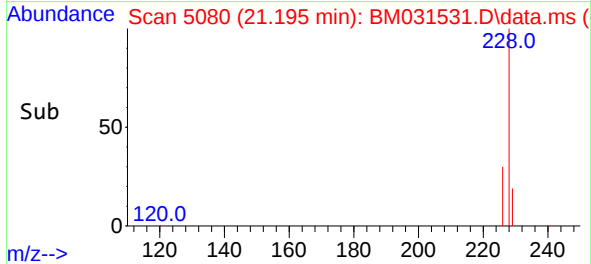
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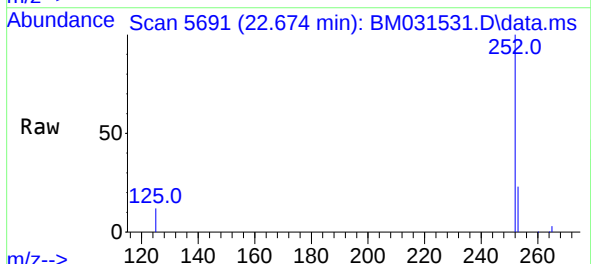
#22
Chrysene
Concen: 2.726 ng/ul
RT: 21.195 min Scan# 5080
Delta R.T. -0.005 min
Lab File: BM031531.D
Acq: 07 Aug 2021 00:40



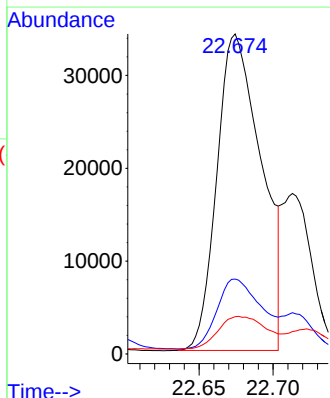
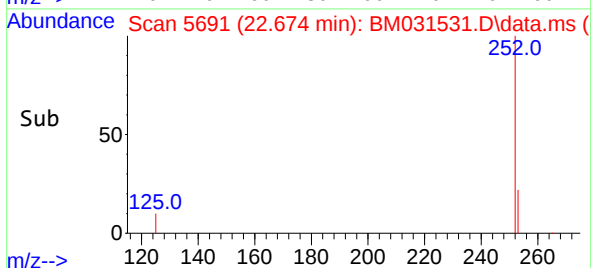
Tgt Ion:228 Resp: 53506
Ion Ratio Lower Upper
228 100
226 29.9 24.7 37.1
229 22.0 16.2 24.2



#24
Benzo(b)fluoranthene
Concen: 3.546 ng/ul m
RT: 22.674 min Scan# 5691
Delta R.T. -0.007 min
Lab File: BM031531.D
Acq: 07 Aug 2021 00:40



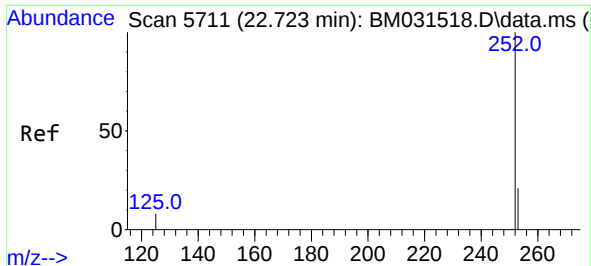
Tgt Ion:252 Resp: 71261
Ion Ratio Lower Upper
252 100
253 23.4 0.0 53.0
125 11.7 0.0 22.8



Instrument :
BNA_M
ClientSampleId :
C0091

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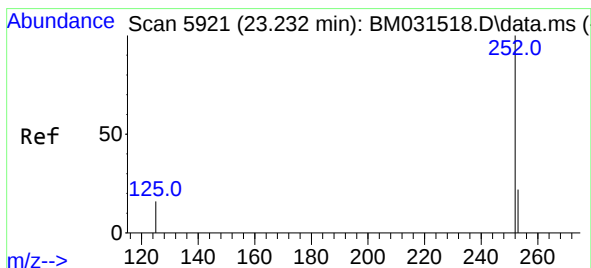
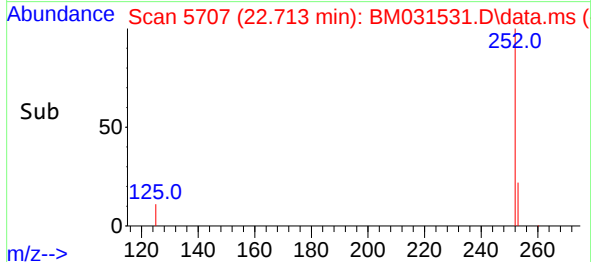
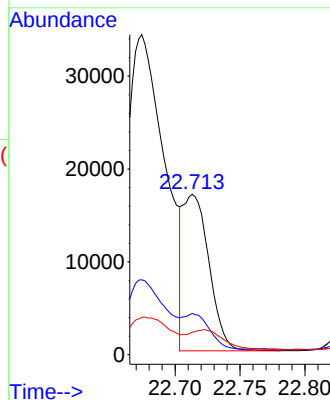
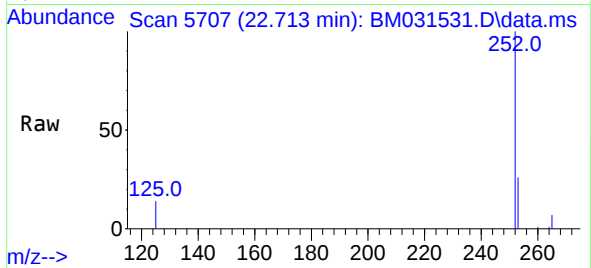
#25
Benzo(k)fluoranthene
Concen: 1.132 ng/ul m
RT: 22.713 min Scan# 5707
Delta R.T. -0.010 min
Lab File: BM031531.D
Acq: 07 Aug 2021 00:40

Tgt Ion:252 Resp: 23508
Ion Ratio Lower Upper
252 100
253 25.7 21.3 31.9
125 14.0 8.8 13.2#

Instrument :
BNA_M
ClientSampled :
C0091

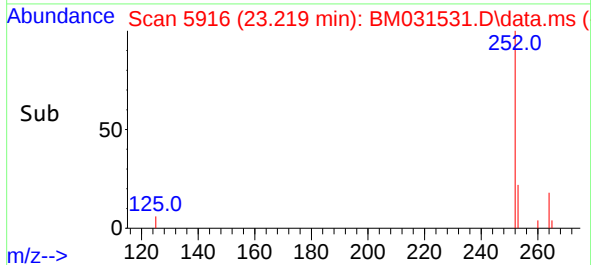
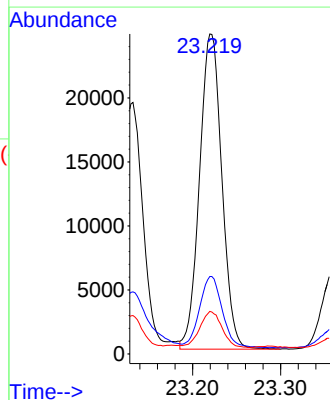
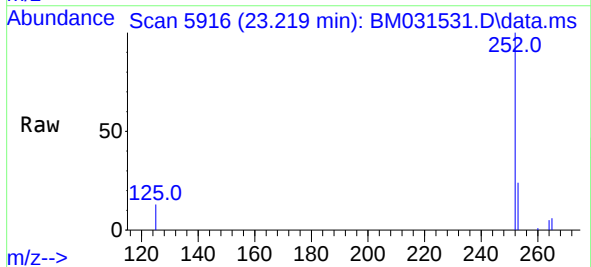
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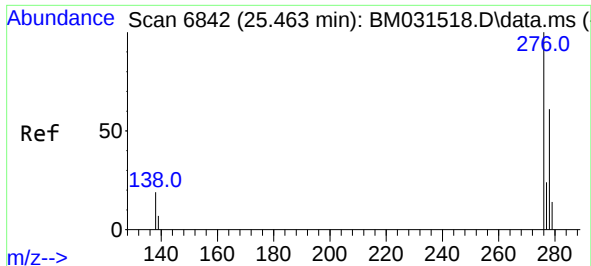
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#26
Benzo(a)pyrene
Concen: 2.467 ng/ul
RT: 23.219 min Scan# 5916
Delta R.T. -0.012 min
Lab File: BM031531.D
Acq: 07 Aug 2021 00:40

Tgt Ion:252 Resp: 43410
Ion Ratio Lower Upper
252 100
253 24.2 22.4 33.6
125 13.3 13.0 19.4





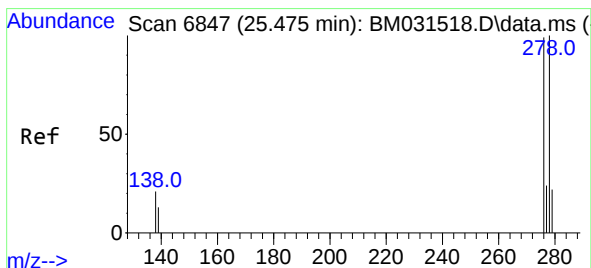
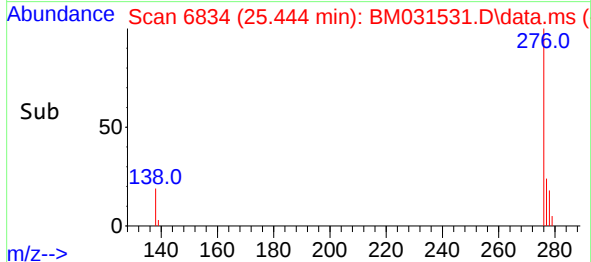
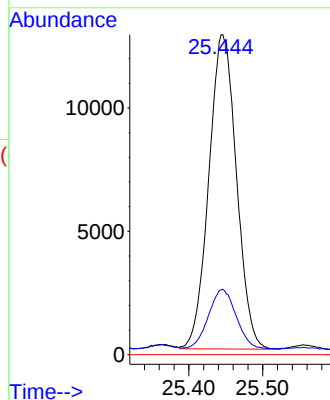
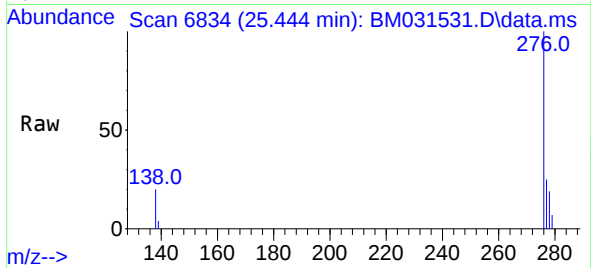
#27
Indeno(1,2,3-cd)pyrene
Concen: 1.457 ng/ul
RT: 25.444 min Scan# 6834
Delta R.T. -0.019 min
Lab File: BM031531.D
Acq: 07 Aug 2021 00:40

Tgt Ion: 276 Resp: 33139
Ion Ratio Lower Upper
276 100
138 19.8 15.8 23.8
227 0.0 0.0 0.0

Instrument :
BNA_M
ClientSampled :
C0091

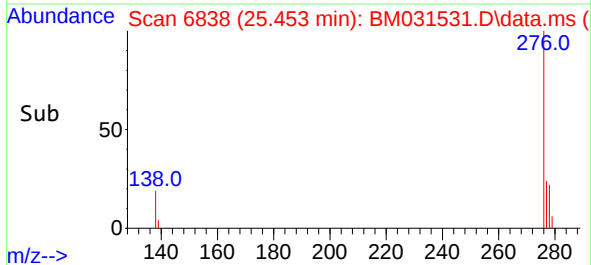
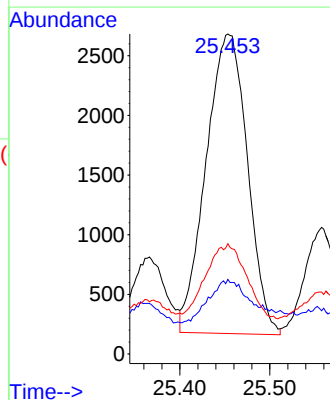
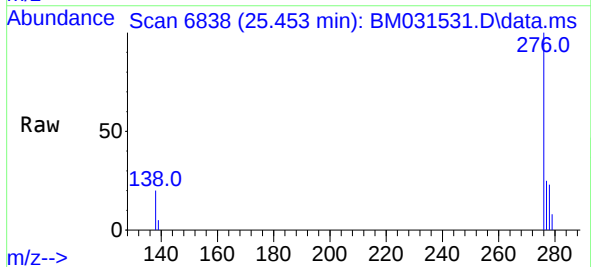
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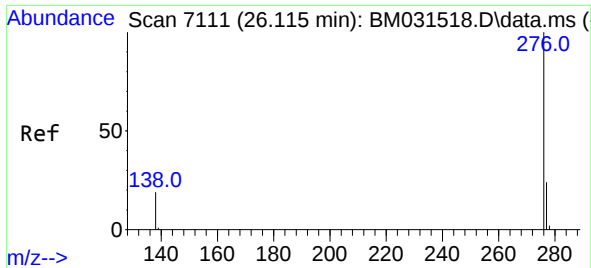
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#28
Dibenzo(a,h)anthracene
Concen: 0.438 ng/ul
RT: 25.453 min Scan# 6838
Delta R.T. -0.022 min
Lab File: BM031531.D
Acq: 07 Aug 2021 00:40

Tgt Ion: 278 Resp: 8032
Ion Ratio Lower Upper
278 100
139 23.3 13.3 19.9#
279 34.4 22.8 34.2#





#29
Benzo(g,h,i)perylene
Concen: 1.029 ng/ul
RT: 26.098 min Scan# 7104
Delta R.T. -0.017 min
Lab File: BM031531.D
Acq: 07 Aug 2021 00:40

Tgt Ion:	276	Resp:	19968
Ion Ratio	Lower	Upper	
276	100		
138	21.3	15.4	23.2
277	25.4	19.9	29.9

Instrument :
BNA_M
ClientSampled :
C0091

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