

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080921\
 Data File : BM031620.D
 Acq On : 10 Aug 2021 01:25
 Operator : CG/JU
 Sample : M3169-17
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00B6

Manual Integrations
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Quant Time: Aug 10 02:56:06 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 02:43:39 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.580	152	1420	0.400	ng/ul	0.00
4) Naphthalene-d8	10.338	136	5109	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.212	164	3102	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.961	188	5372	0.400	ng/ul #	0.00
17) Chrysene-d12	21.156	240	4058	0.400	ng/ul #	0.00
23) Perylene-d12	23.312	264	4192	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.186	96	4354	2.761	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.930	152	1891	0.220	ng/ul	0.00
18) Fluoranthene-d10	18.993	212	3890	0.287	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.388	128	18539	1.218	ng/ul	97
7) 2-Methylnaphthalene	12.007	142	13968	1.343	ng/ul	100
8) 1-Methylnaphthalene	12.232	142	7622	0.742	ng/ul	100
10) Acenaphthylene	13.932	152	24913	1.886	ng/ul	98
11) Acenaphthene	14.273	153	2671	0.240	ng/ul	97
12) Fluorene	15.266	166	6305	0.493	ng/ul#	95
15) Phenanthrene	17.002	178	143541	8.415	ng/ul	97
16) Anthracene	17.093	178	29924	1.874	ng/ul	99
19) Fluoranthene	19.028	202	266676	15.390	ng/ul	98
20) Pyrene	19.390	202	213327	12.138	ng/ul	97
21) Benzo(a)anthracene	21.139	228	116305	7.098	ng/ul	96
22) Chrysene	21.193	228	121113	7.144	ng/ul	97
24) Benzo(b)fluoranthene	22.674	252	161233m	8.537	ng/ul	
25) Benzo(k)fluoranthene	22.711	252	51717m	2.650	ng/ul	
26) Benzo(a)pyrene	23.222	252	98304	5.943	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.446	276	70210	3.284	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.451	278	19301	1.120	ng/ul#	90
29) Benzo(g,h,i)perylene	26.100	276	15049	0.825	ng/ul#	90

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

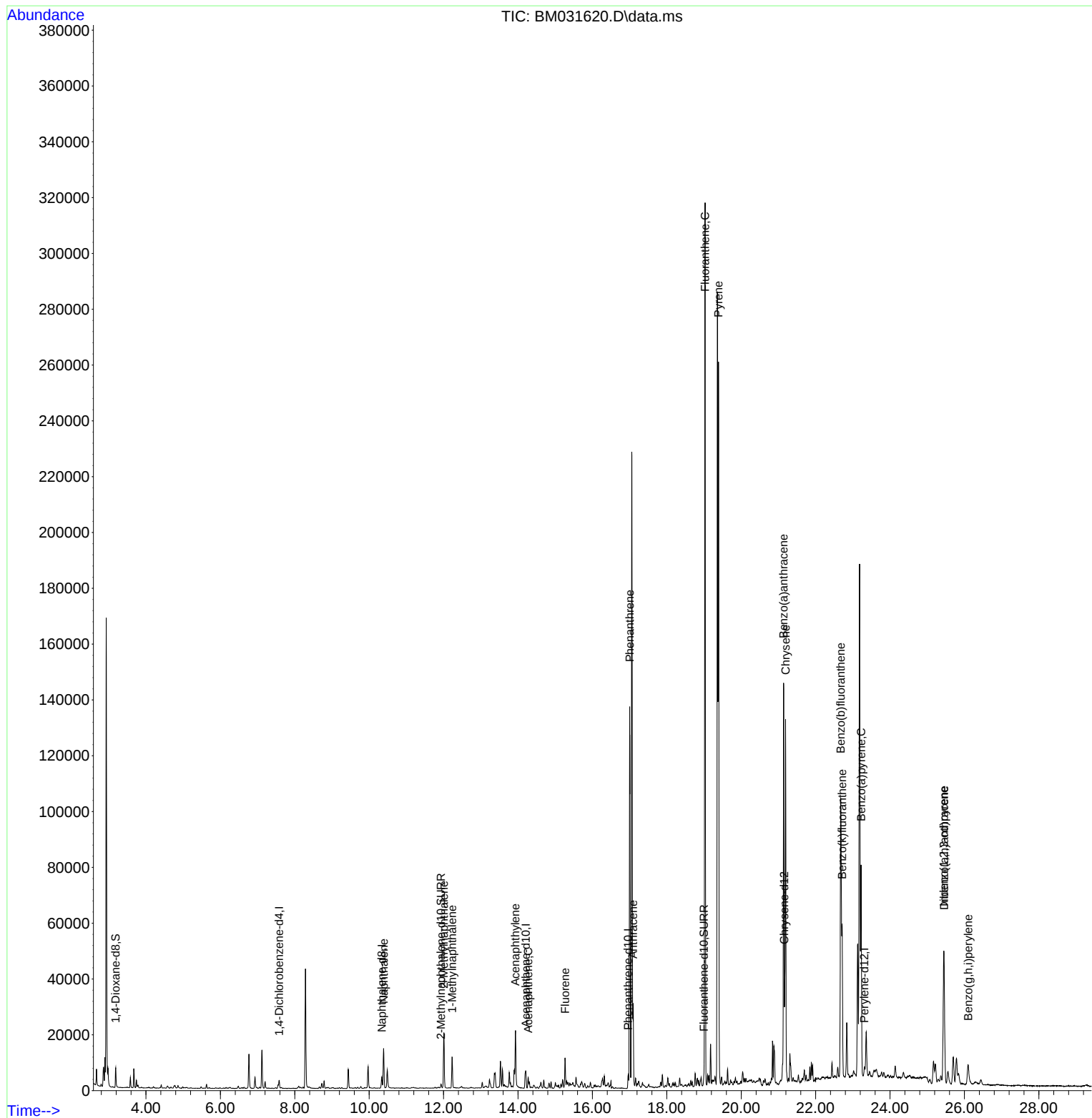
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Data File : BM031620.D
Acq On : 10 Aug 2021 01:25
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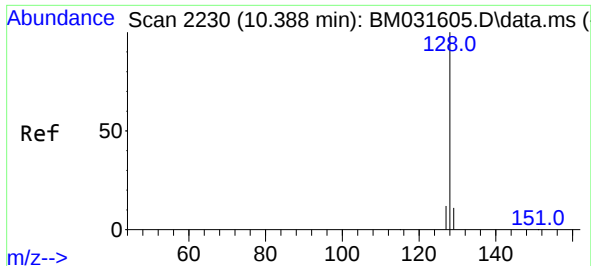
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Quant Time: Aug 10 02:56:06 2021
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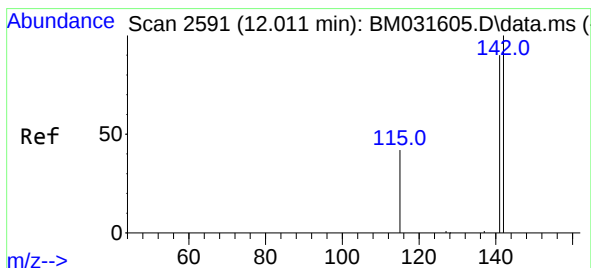
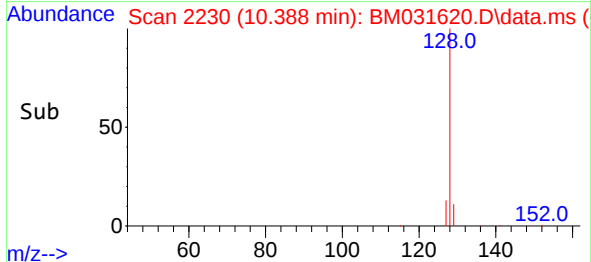
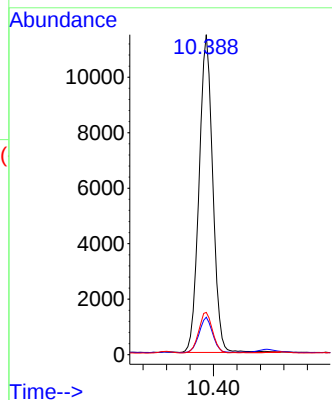
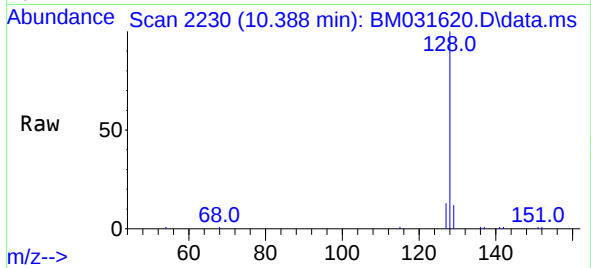
#5
Naphthalene
Concen: 1.218 ng/ul
RT: 10.388 min Scan# 2230
Delta R.T. -0.000 min
Lab File: BM031620.D
Acq: 10 Aug 2021 01:25

Tgt Ion:	128	Resp:	18539
Ion Ratio	Lower	Upper	
128	100		
129	11.7	10.0	15.0
127	13.2	11.6	17.4

Instrument :
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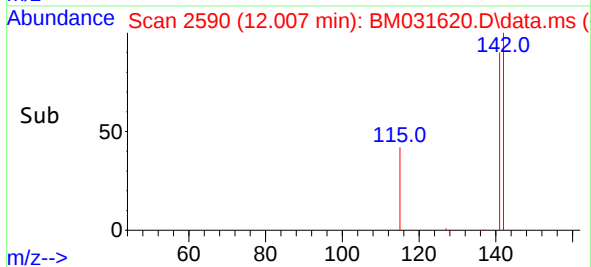
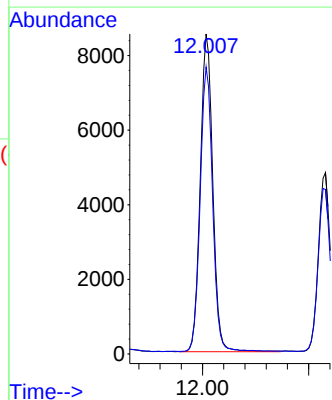
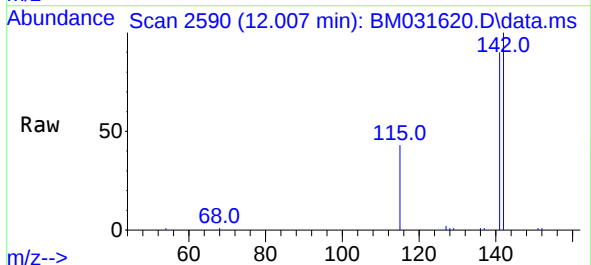
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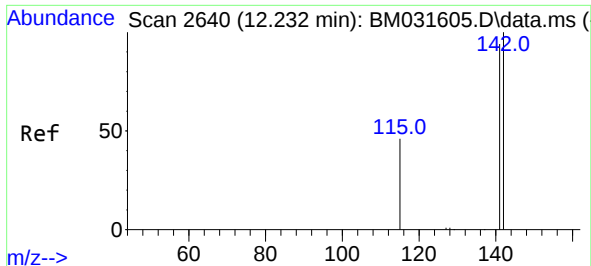
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#7
2-Methylnaphthalene
Concen: 1.343 ng/ul
RT: 12.007 min Scan# 2590
Delta R.T. -0.005 min
Lab File: BM031620.D
Acq: 10 Aug 2021 01:25

Tgt Ion:	142	Resp:	13968
Ion Ratio	Lower	Upper	
142	100		
141	89.2	71.4	107.0





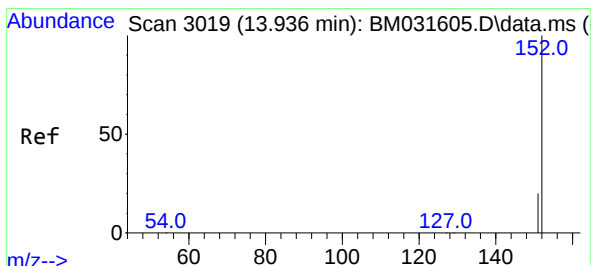
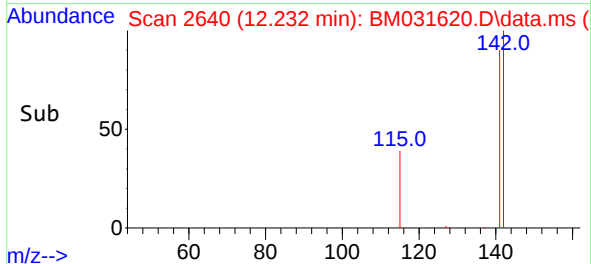
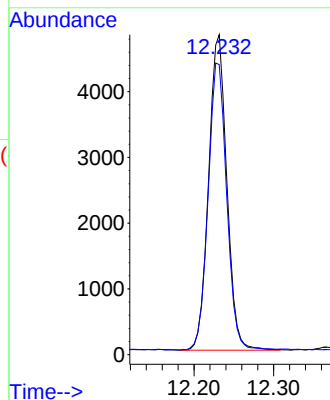
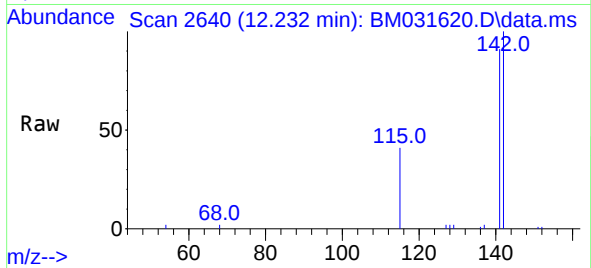
#8
1-Methylnaphthalene
Concen: 0.742 ng/ul
RT: 12.232 min Scan# 2640
Delta R.T. -0.000 min
Lab File: BM031620.D
Acq: 10 Aug 2021 01:25

Tgt Ion:142 Resp: 7622
Ion Ratio Lower Upper
142 100
141 92.4 74.1 111.1

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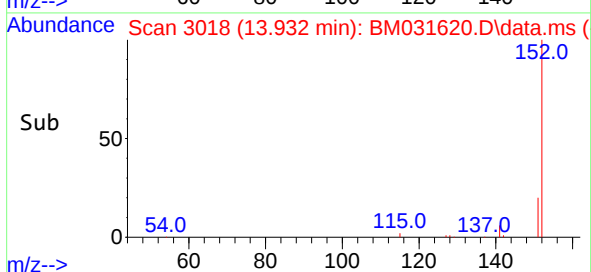
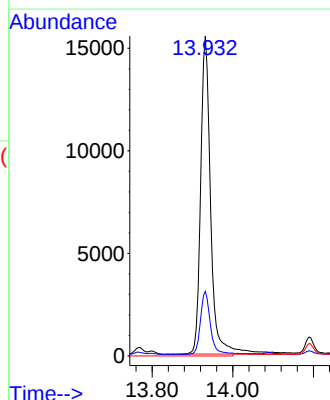
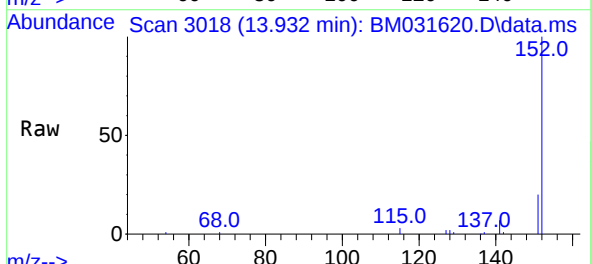
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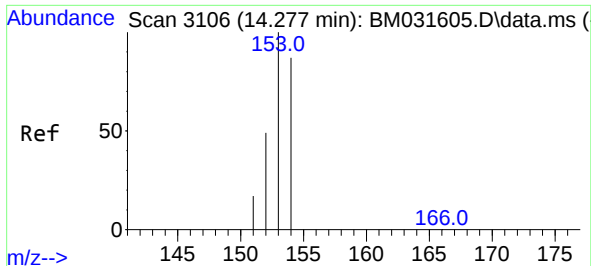
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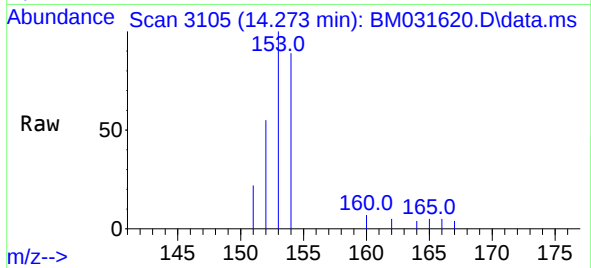
#10
Acenaphthylene
Concen: 1.886 ng/ul
RT: 13.932 min Scan# 3018
Delta R.T. -0.000 min
Lab File: BM031620.D
Acq: 10 Aug 2021 01:25

Tgt Ion:152 Resp: 24913
Ion Ratio Lower Upper
152 100
151 20.2 16.9 25.3
153 0.0 0.0 0.0

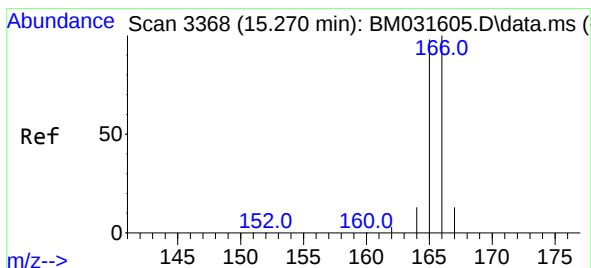
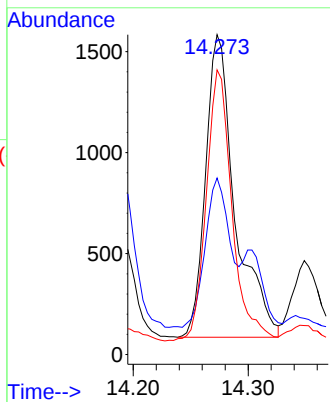
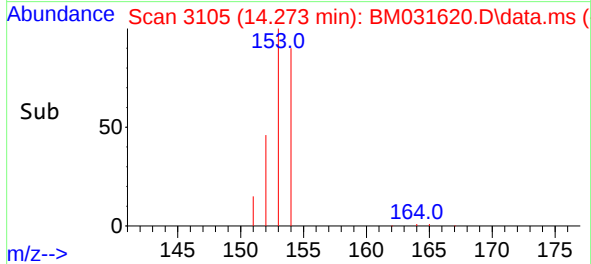




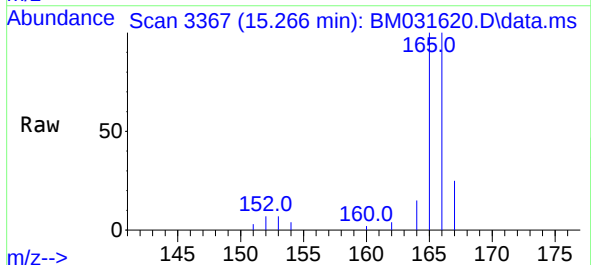
#11
Acenaphthene
Concen: 0.240 ng/ul
RT: 14.273 min Scan# 3105
Delta R.T. -0.004 min
Lab File: BM031620.D
Acq: 10 Aug 2021 01:25



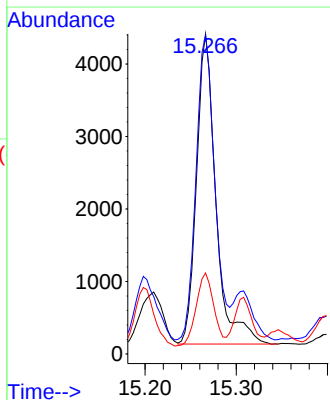
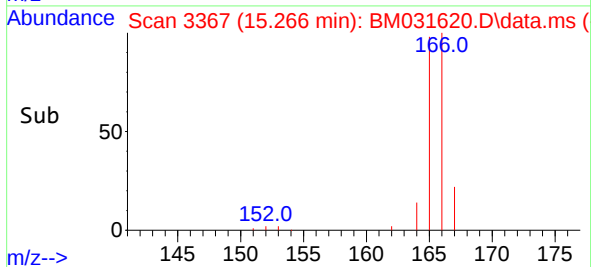
Tgt Ion:153 Resp: 2671
Ion Ratio Lower Upper
153 100
152 55.2 40.7 61.1
154 89.0 70.2 105.2



#12
Fluorene
Concen: 0.493 ng/ul
RT: 15.266 min Scan# 3367
Delta R.T. -0.004 min
Lab File: BM031620.D
Acq: 10 Aug 2021 01:25



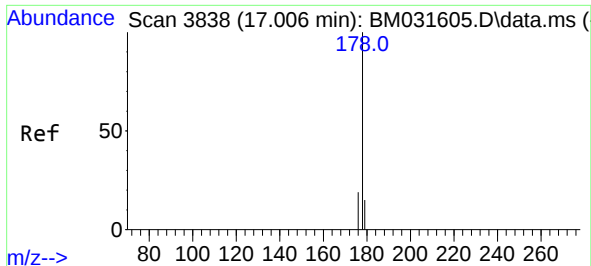
Tgt Ion:166 Resp: 6305
Ion Ratio Lower Upper
166 100
165 99.6 78.0 117.0
167 25.3 12.0 18.0#



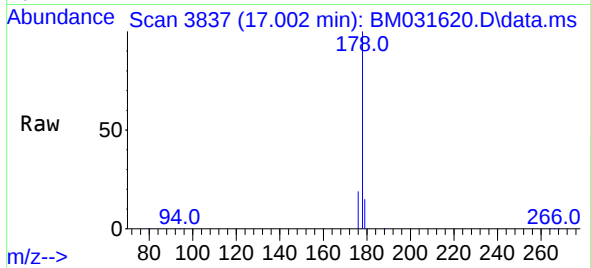
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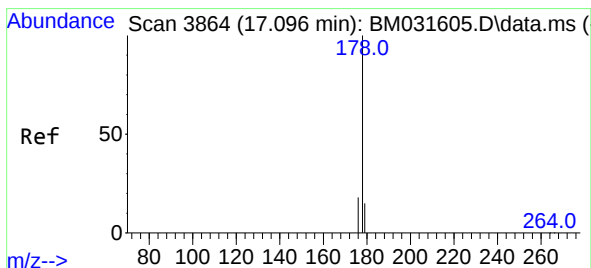
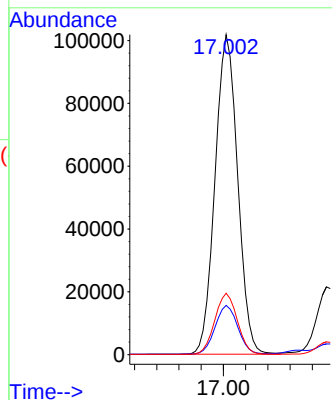
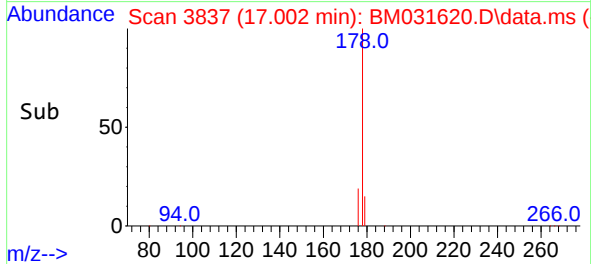
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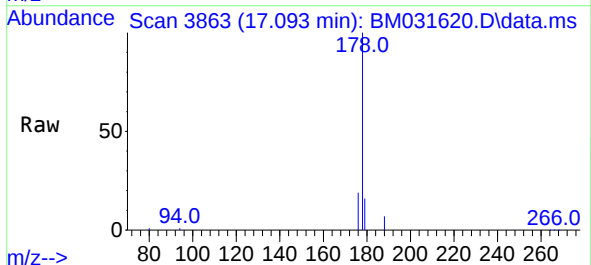
#15
Phenanthrene
Concen: 8.415 ng/u1
RT: 17.002 min Scan# 3837
Delta R.T. -0.007 min
Lab File: BM031620.D
Acq: 10 Aug 2021 01:25



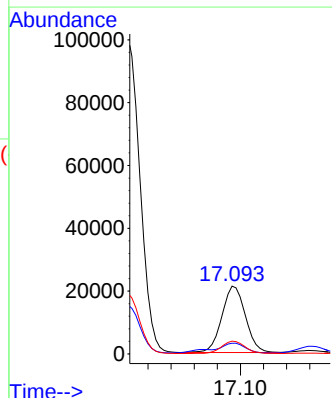
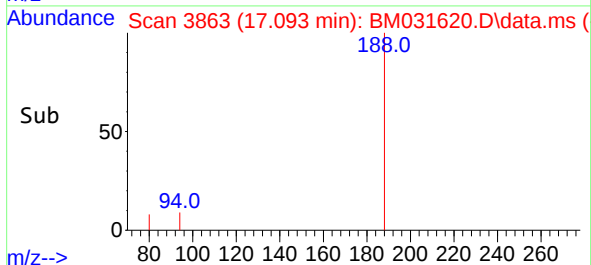
Tgt Ion:178 Resp: 143541
Ion Ratio Lower Upper
178 100
179 15.4 13.3 19.9
176 19.2 16.2 24.4



#16
Anthracene
Concen: 1.874 ng/u1
RT: 17.093 min Scan# 3863
Delta R.T. -0.010 min
Lab File: BM031620.D
Acq: 10 Aug 2021 01:25



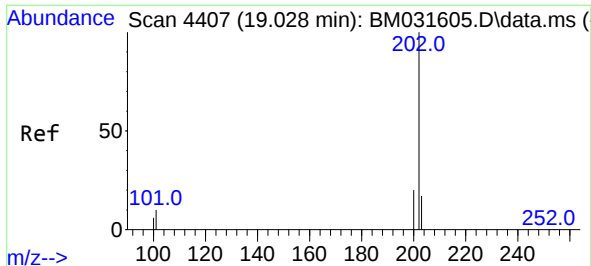
Tgt Ion:178 Resp: 29924
Ion Ratio Lower Upper
178 100
179 15.9 13.0 19.6
176 18.9 15.6 23.4



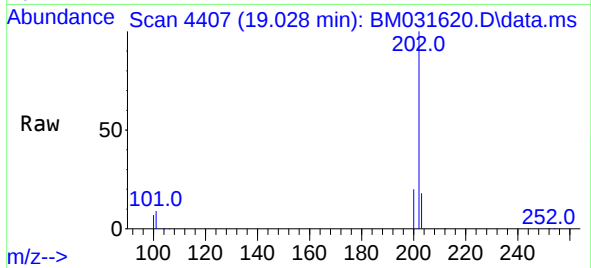
Instrument :
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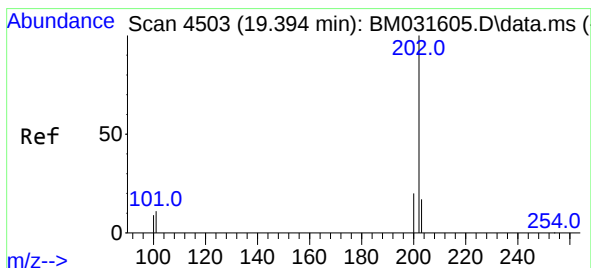
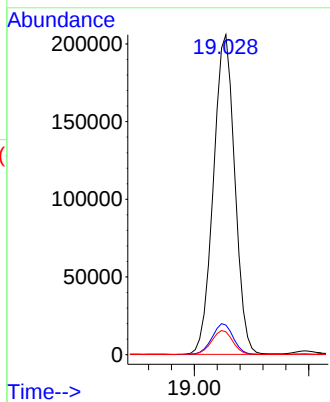
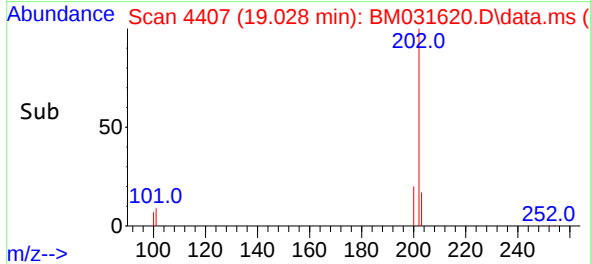
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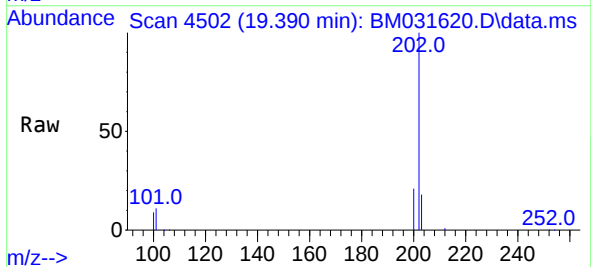
#19
Fluoranthene
Concen: 15.390 ng/ul
RT: 19.028 min Scan# 4407
Delta R.T. -0.000 min
Lab File: BM031620.D
Acq: 10 Aug 2021 01:25



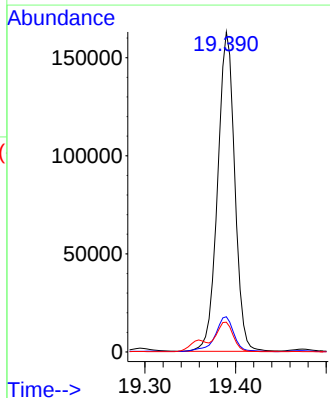
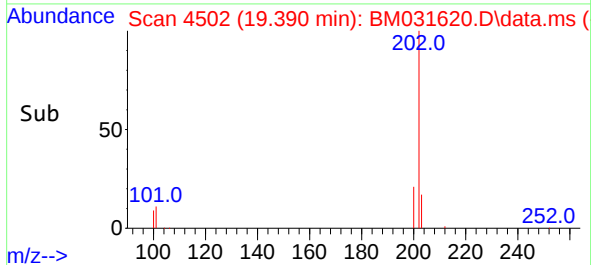
Tgt Ion:202 Resp: 266676
Ion Ratio Lower Upper
202 100
101 9.3 6.6 10.0
100 7.2 5.4 8.0



#20
Pyrene
Concen: 12.138 ng/ul
RT: 19.390 min Scan# 4502
Delta R.T. -0.004 min
Lab File: BM031620.D
Acq: 10 Aug 2021 01:25



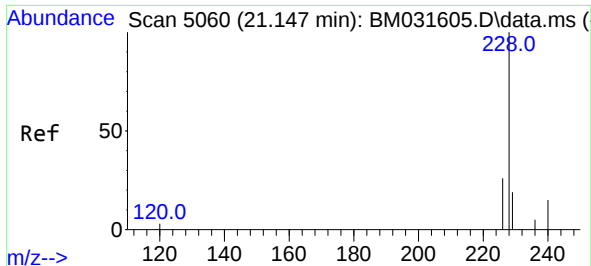
Tgt Ion:202 Resp: 213327
Ion Ratio Lower Upper
202 100
101 11.0 7.8 11.6
100 9.3 6.6 10.0



Instrument :
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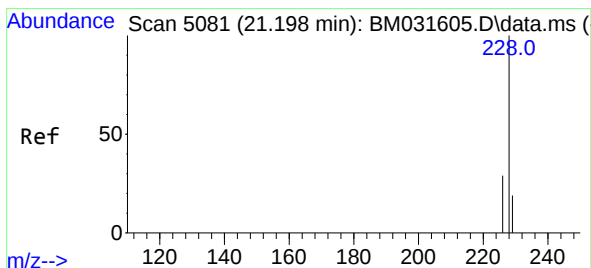
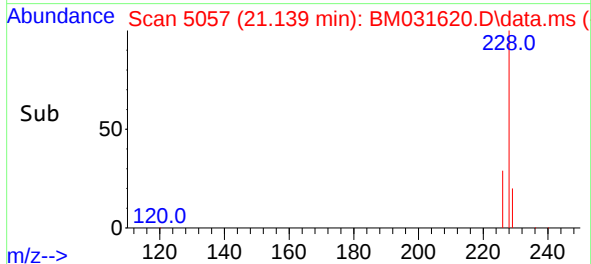
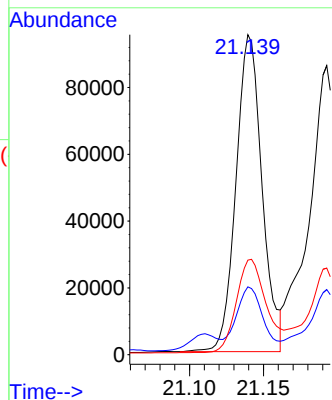
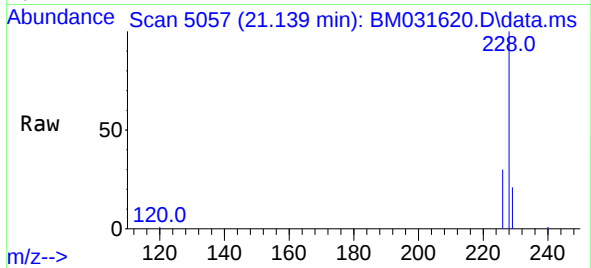
#21
Benzo(a)anthracene
Concen: 7.098 ng/ul
RT: 21.139 min Scan# 5057
Delta R.T. -0.007 min
Lab File: BM031620.D
Acq: 10 Aug 2021 01:25

Tgt Ion:	228	Resp:	116305
Ion	Ratio	Lower	Upper
228	100		
229	21.2	15.6	23.4
226	29.5	21.7	32.5

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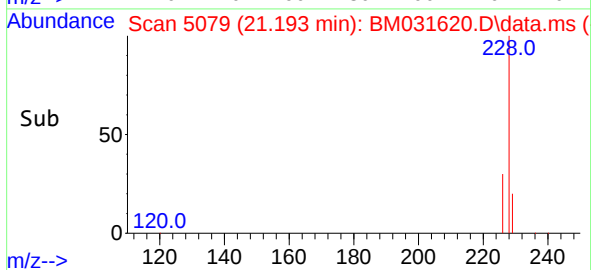
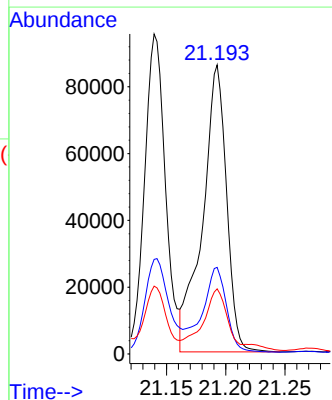
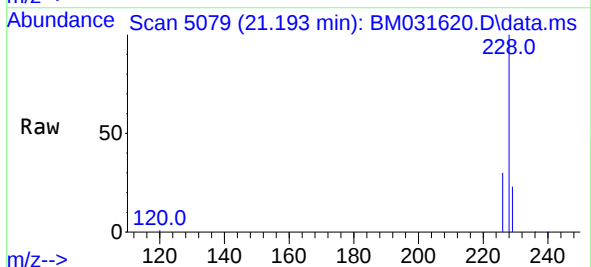
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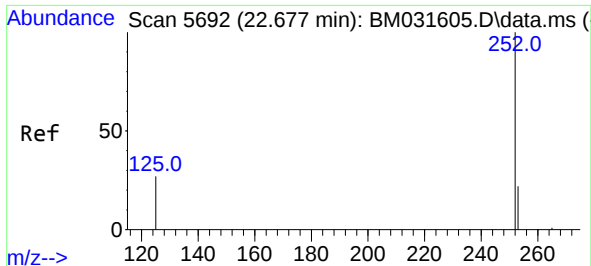
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#22
Chrysene
Concen: 7.144 ng/ul
RT: 21.193 min Scan# 5079
Delta R.T. -0.002 min
Lab File: BM031620.D
Acq: 10 Aug 2021 01:25

Tgt Ion:	228	Resp:	121113
Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.7	37.1
229	22.5	16.2	24.2





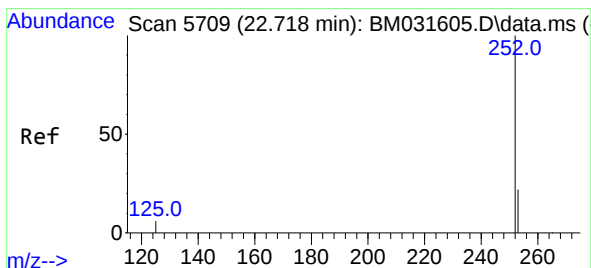
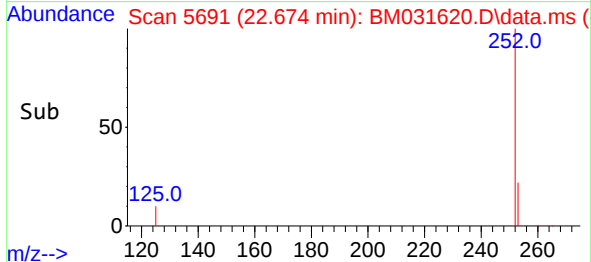
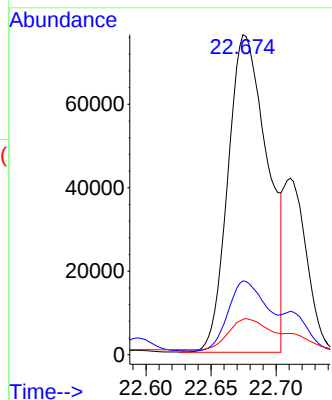
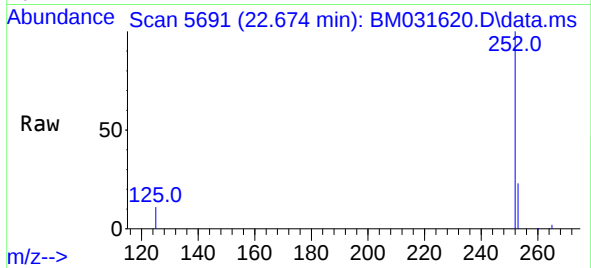
#24
Benzo(b)fluoranthene
Concen: 8.537 ng/ul m
RT: 22.674 min Scan# 5691
Delta R.T. -0.002 min
Lab File: BM031620.D
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Tgt Ion:252 Resp: 161233
Ion Ratio Lower Upper
252 100
253 23.1 0.0 53.0
125 11.1 0.0 22.8

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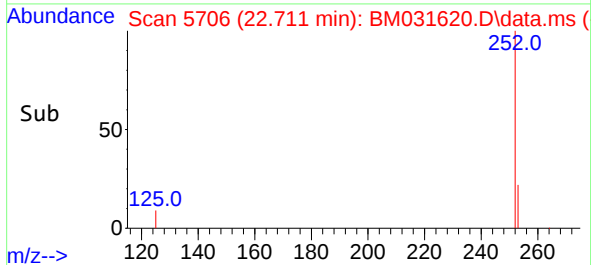
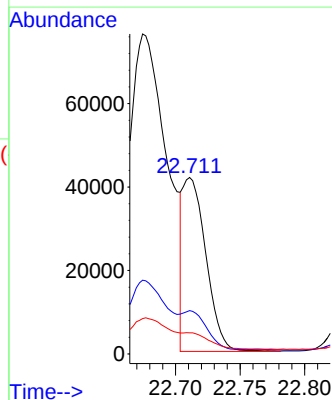
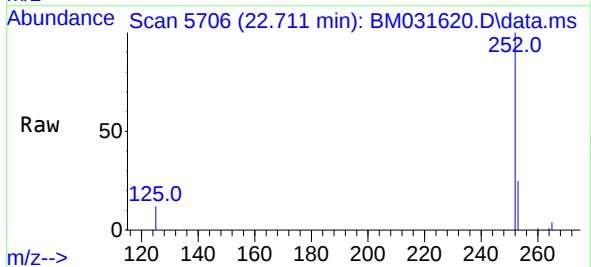
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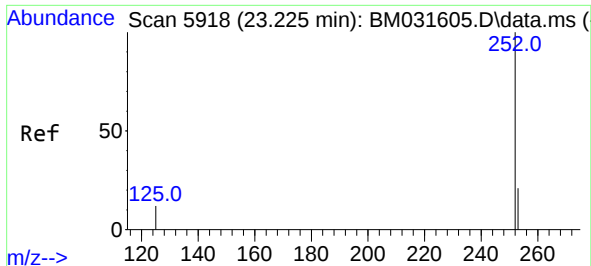
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#25
Benzo(k)fluoranthene
Concen: 2.650 ng/ul m
RT: 22.711 min Scan# 5706
Delta R.T. -0.010 min
Lab File: BM031620.D
Acq: 10 Aug 2021 01:25

Tgt Ion:252 Resp: 51717
Ion Ratio Lower Upper
252 100
253 24.5 21.3 31.9
125 12.0 8.8 13.2





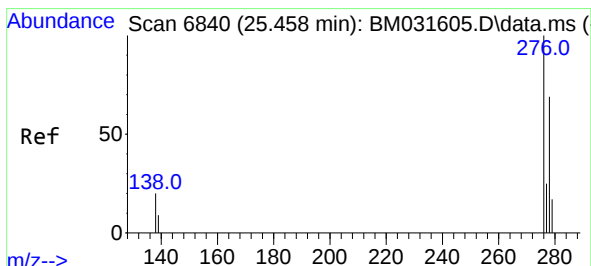
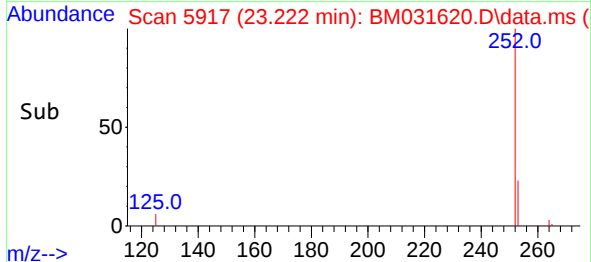
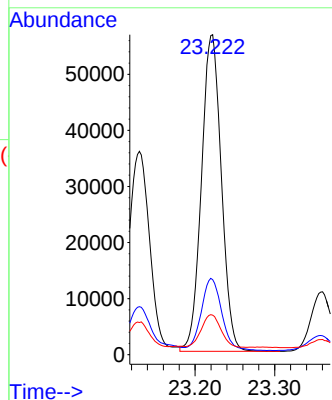
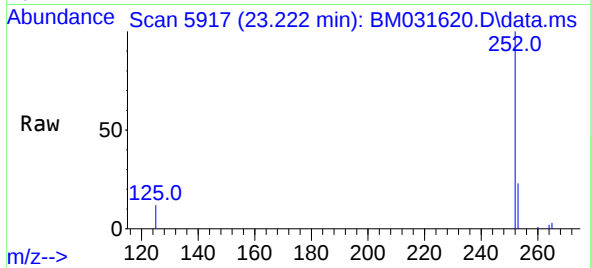
#26
Benzo(a)pyrene
Concen: 5.943 ng/ul
RT: 23.222 min Scan# 5917
Delta R.T. -0.002 min
Lab File: BM031620.D
Acq: 10 Aug 2021 01:25

Tgt Ion:	252	Resp:	98304
Ion Ratio	Lower	Upper	
252	100		
253	23.4	22.4	33.6
125	12.4	13.0	19.4#

Instrument :
BNA_M
ClientSampled :
C00B6

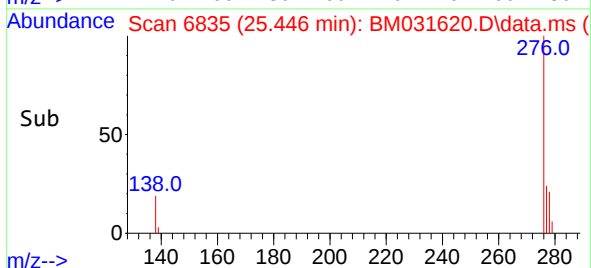
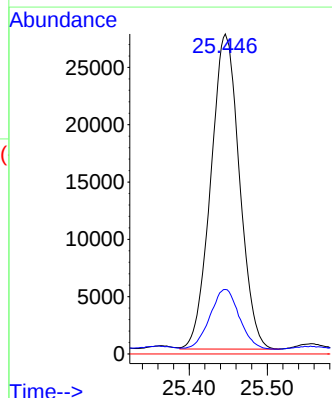
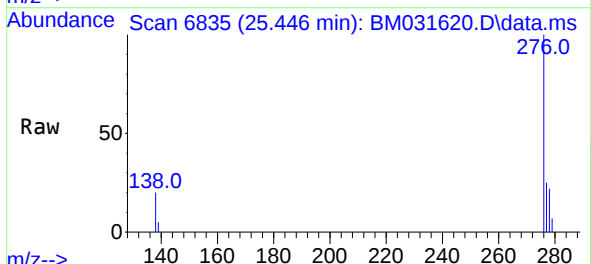
Manual Integrations
APPROVED

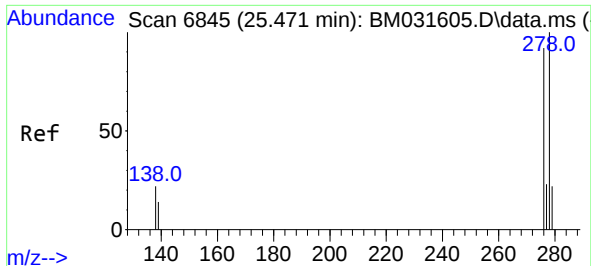
mohammad
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#27
Indeno(1,2,3-cd)pyrene
Concen: 3.284 ng/ul
RT: 25.446 min Scan# 6835
Delta R.T. -0.007 min
Lab File: BM031620.D
Acq: 10 Aug 2021 01:25

Tgt Ion:	276	Resp:	70210
Ion Ratio	Lower	Upper	
276	100		
138	19.5	15.8	23.8
227	0.0	0.0	0.0





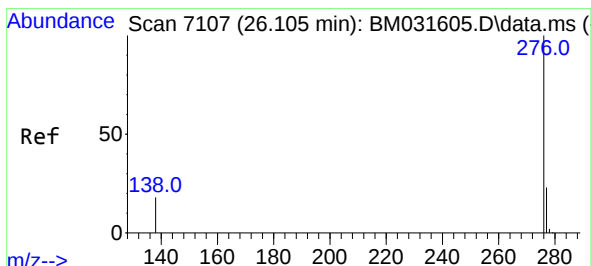
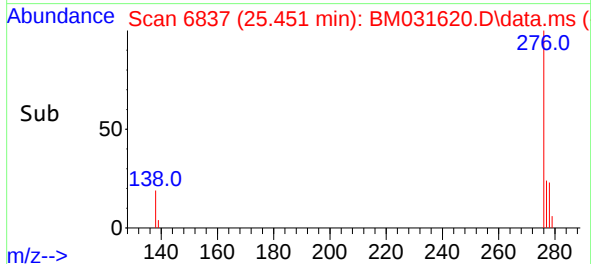
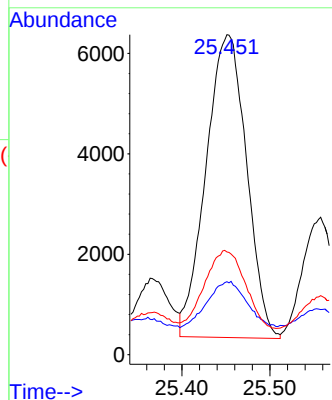
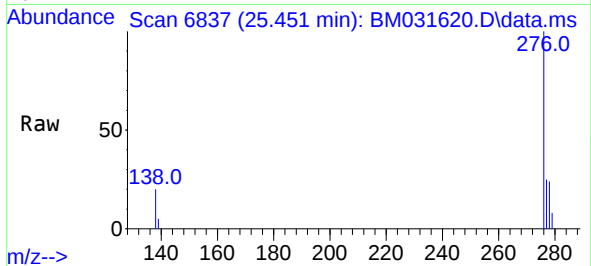
#28
Dibenzo(a,h)anthracene
Concen: 1.120 ng/ul
RT: 25.451 min Scan# 6837
Delta R.T. -0.017 min
Lab File: BM031620.D
Acq: 10 Aug 2021 01:25

Tgt Ion: 278 Resp: 19301
Ion Ratio Lower Upper
278 100
139 22.8 13.3 19.9#
279 32.1 22.8 34.2

Instrument :
BNA_M
ClientSampled :
C00B6

Manual Integrations
APPROVED

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#29
Benzo(g,h,i)perylene
Concen: 0.825 ng/ul
RT: 26.100 min Scan# 7105
Delta R.T. 0.002 min
Lab File: BM031620.D
Acq: 10 Aug 2021 01:25

Tgt Ion: 276 Resp: 15049
Ion Ratio Lower Upper
276 100
138 25.1 15.4 23.2#
277 28.7 19.9 29.9

