

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080921\
 Data File : BM031644.D
 Acq On : 10 Aug 2021 16:47
 Operator : CG/JU
 Sample : M3169-20DL 5X
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00B9DL

Manual Integrations
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mohammad
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Quant Time: Aug 10 17:17:08 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 11:49:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.580	152	1417	0.400	ng/ul	0.00
4) Naphthalene-d8	10.338	136	5222	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.209	164	2894	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.961	188	5539	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.156	240	4580	0.400	ng/ul	# 0.00
23) Perylene-d12	23.314	264	4534	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	781	0.496	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.935	152	325	0.037	ng/ul	0.00
18) Fluoranthene-d10	18.993	212	697	0.046	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.388	128	4556	0.293	ng/ul	98
7) 2-Methylnaphthalene	12.007	142	2843	0.268	ng/ul	98
8) 1-Methylnaphthalene	12.232	142	1743	0.166	ng/ul	100
10) Acenaphthylene	13.932	152	3683	0.299	ng/ul	98
11) Acenaphthene	14.273	153	461	0.044	ng/ul	94
12) Fluorene	15.266	166	1332	0.112	ng/ul#	91
15) Phenanthrene	17.003	178	23884	1.358	ng/ul	98
16) Anthracene	17.093	178	4991	0.303	ng/ul	98
19) Fluoranthene	19.024	202	48068	2.458	ng/ul	97
20) Pyrene	19.390	202	38619	1.947	ng/ul	97
21) Benzo(a)anthracene	21.142	228	21611	1.169	ng/ul	95
22) Chrysene	21.193	228	23802	1.244	ng/ul	97
24) Benzo(b)fluoranthene	22.675	252	31372m	1.536	ng/ul	
25) Benzo(k)fluoranthene	22.716	252	9870m	0.468	ng/ul	
26) Benzo(a)pyrene	23.225	252	17967	1.004	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.451	276	13789	0.596	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.454	278	3705	0.199	ng/ul#	70
29) Benzo(g,h,i)perylene	26.103	276	2412	0.122	ng/ul#	74

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

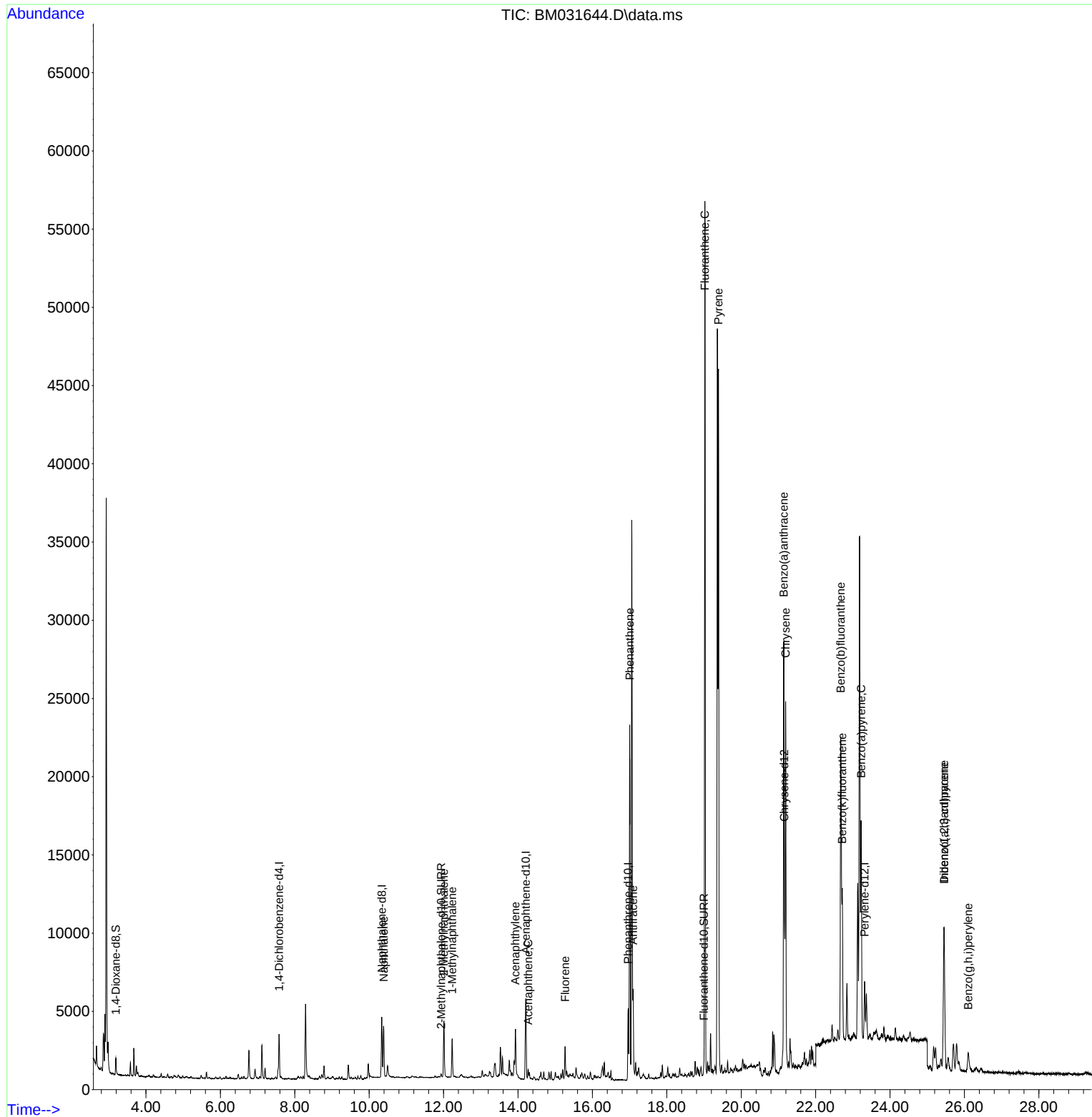
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080921\
Data File : BM031644.D
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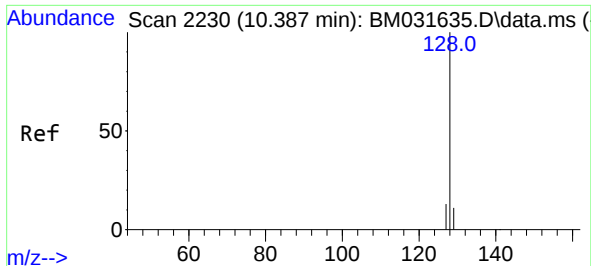
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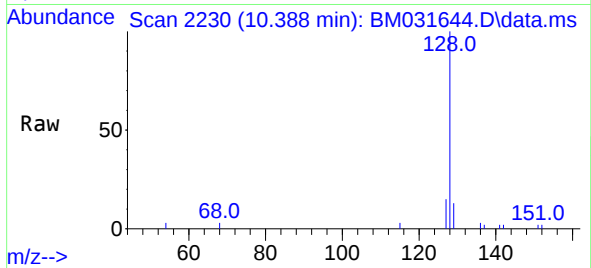
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Quant Time: Aug 10 17:17:08 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 10 11:49:22 2021
Response via : Initial Calibration

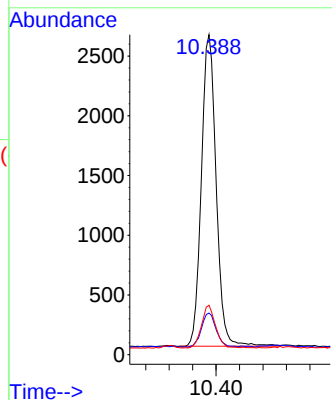
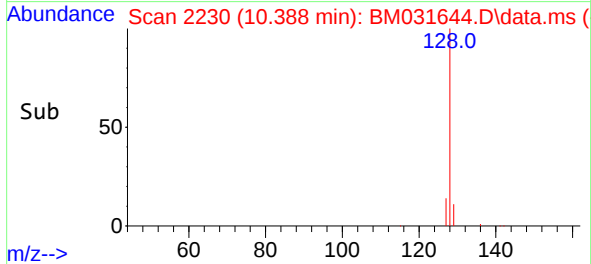




#5
Naphthalene
Concen: 0.293 ng/ul
RT: 10.388 min Scan# 2230
Delta R.T. 0.000 min
Lab File: BM031644.D
Acq: 10 Aug 2021 16:47



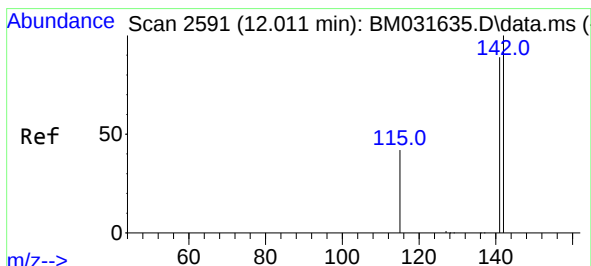
Tgt Ion:	128	Resp:	4556
Ion Ratio	Lower	Upper	
128	100		
129	13.0	10.0	15.0
127	15.5	11.6	17.4



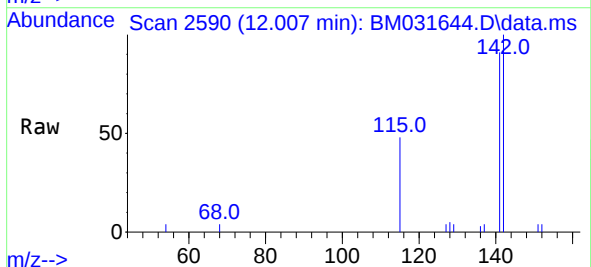
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BNA_M
ClientSampleId :
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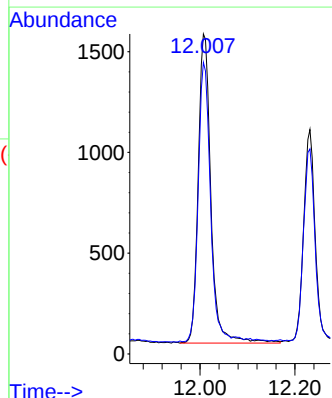
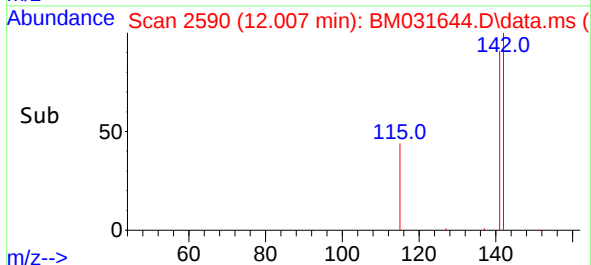
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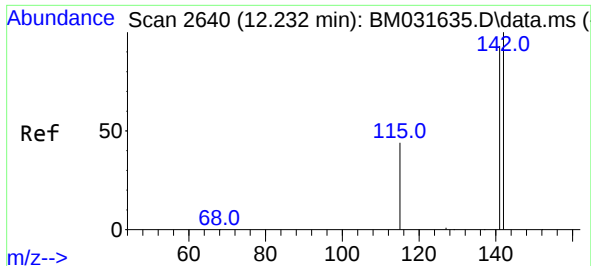


#7
2-Methylnaphthalene
Concen: 0.268 ng/ul
RT: 12.007 min Scan# 2590
Delta R.T. -0.004 min
Lab File: BM031644.D
Acq: 10 Aug 2021 16:47



Tgt Ion:	142	Resp:	2843
Ion Ratio	Lower	Upper	
142	100		
141	87.3	71.4	107.0





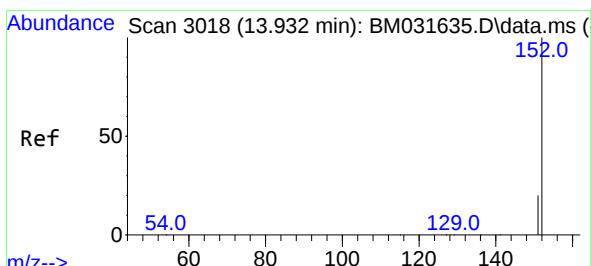
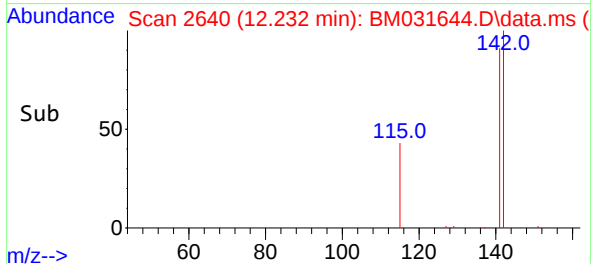
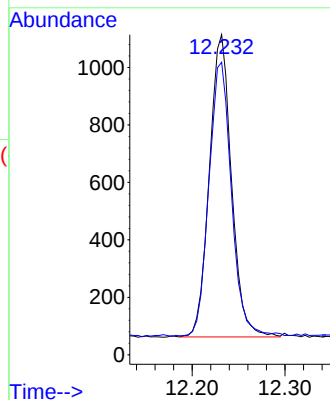
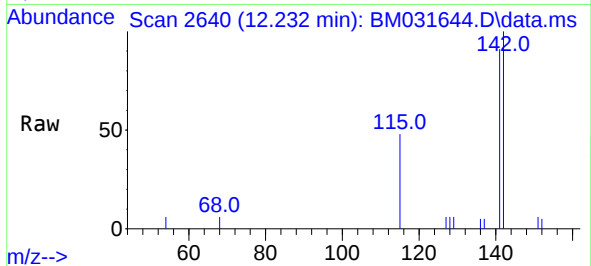
#8
1-Methylnaphthalene
Concen: 0.166 ng/ul
RT: 12.232 min Scan# 2640
Delta R.T. 0.000 min
Lab File: BM031644.D
Acq: 10 Aug 2021 16:47

Tgt Ion:142 Resp: 1743
Ion Ratio Lower Upper
142 100
141 92.7 74.1 111.1

Instrument :
BNA_M
ClientSampled :
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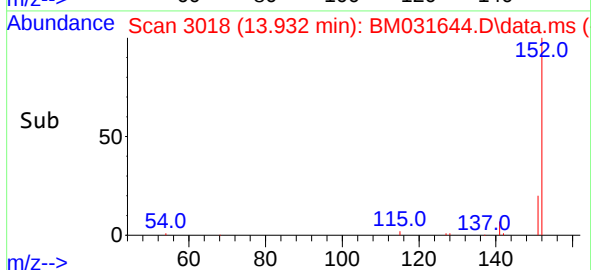
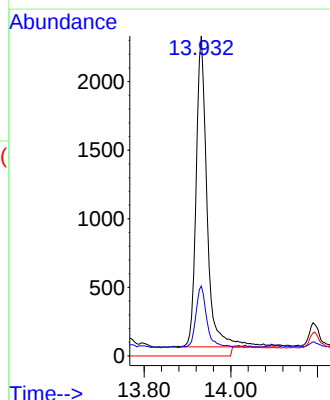
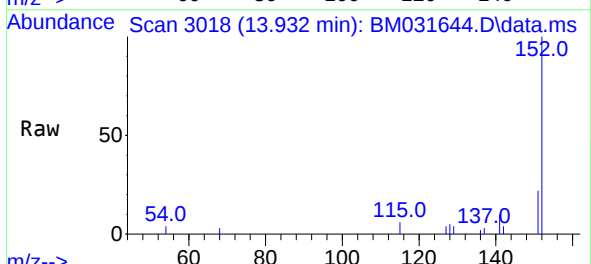
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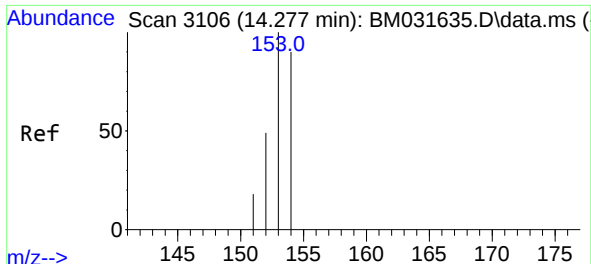
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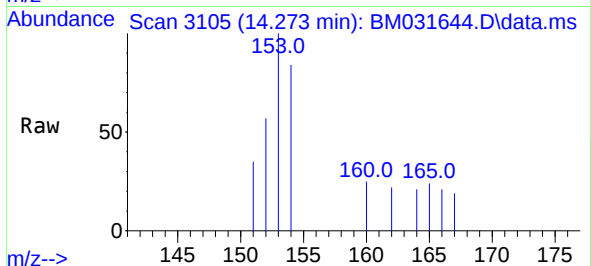
#10
Acenaphthylene
Concen: 0.299 ng/ul
RT: 13.932 min Scan# 3018
Delta R.T. 0.000 min
Lab File: BM031644.D
Acq: 10 Aug 2021 16:47

Tgt Ion:152 Resp: 3683
Ion Ratio Lower Upper
152 100
151 21.9 16.9 25.3
153 0.0 0.0 0.0

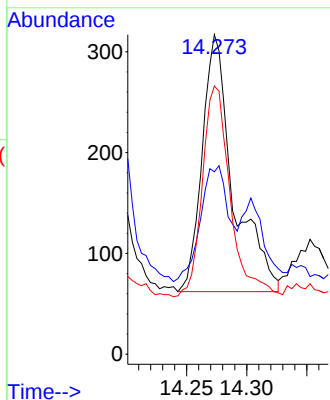
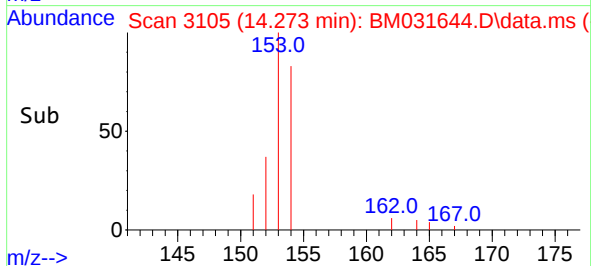




#11
Acenaphthene
Concen: 0.044 ng/u1
RT: 14.273 min Scan# 3105
Delta R.T. -0.004 min
Lab File: BM031644.D
Acq: 10 Aug 2021 16:47



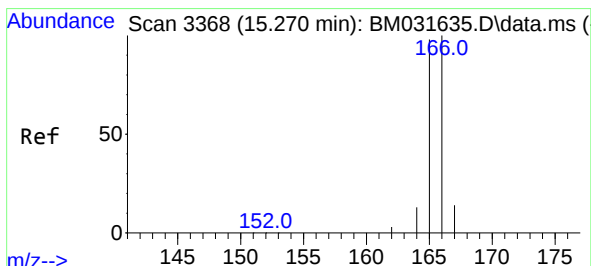
Tgt Ion:153 Resp: 461
Ion Ratio Lower Upper
153 100
152 57.1 40.7 61.1
154 83.9 70.2 105.2



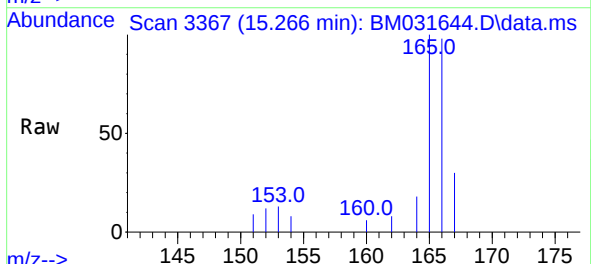
Instrument :
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ClientSampled :
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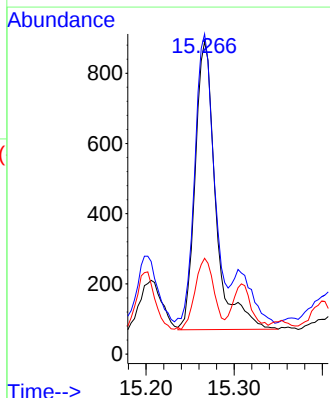
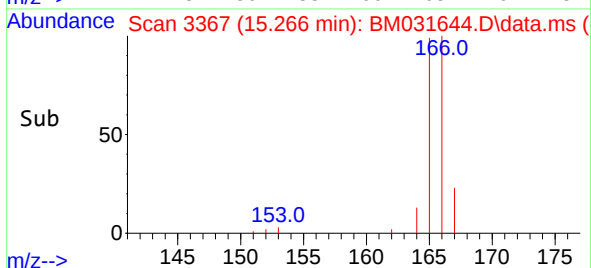
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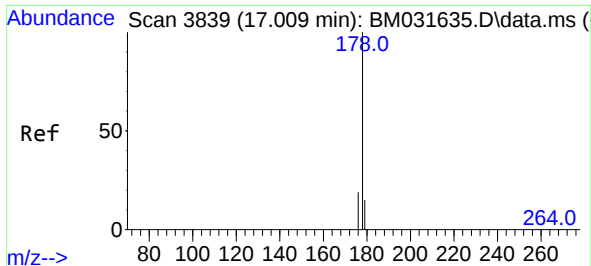


#12
Fluorene
Concen: 0.112 ng/u1
RT: 15.266 min Scan# 3367
Delta R.T. -0.004 min
Lab File: BM031644.D
Acq: 10 Aug 2021 16:47



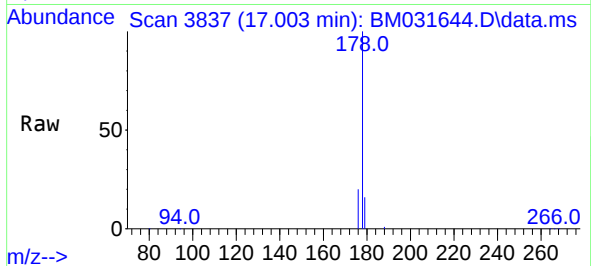
Tgt Ion:166 Resp: 1332
Ion Ratio Lower Upper
166 100
165 102.5 78.0 117.0
167 30.7 12.0 18.0#





#15
Phenanthrene
Concen: 1.358 ng/uI
RT: 17.003 min Scan# 3837
Delta R.T. -0.007 min
Lab File: BM031644.D
Acq: 10 Aug 2021 16:47

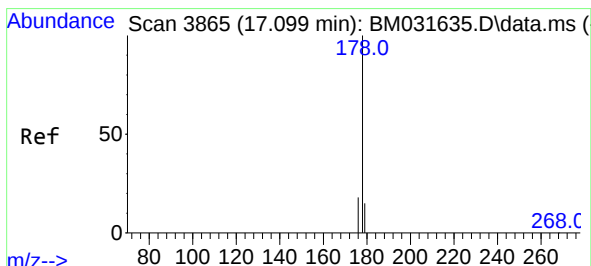
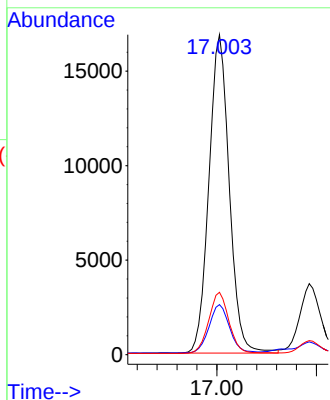
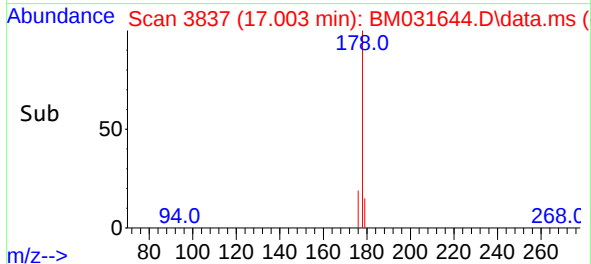
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ClientSampleId :
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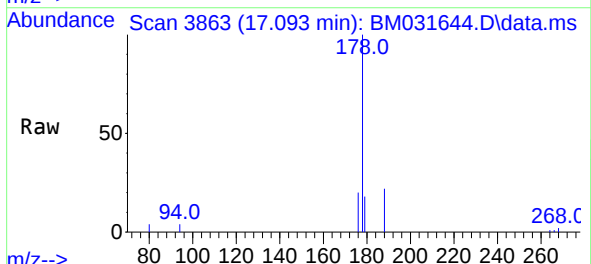
Tgt Ion:178 Resp: 23884
Ion Ratio Lower Upper
178 100
179 15.7 13.3 19.9
176 19.5 16.2 24.4

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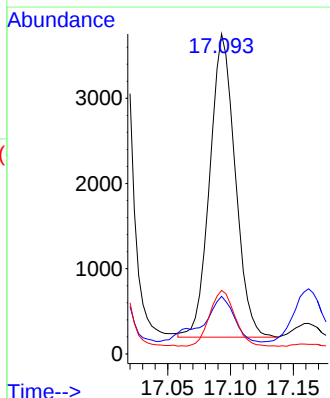
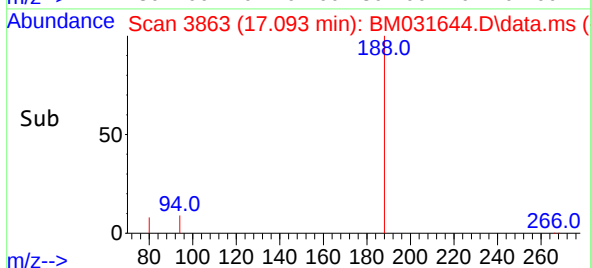
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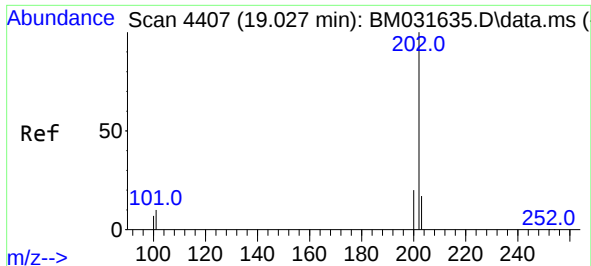


#16
Anthracene
Concen: 0.303 ng/uI
RT: 17.093 min Scan# 3863
Delta R.T. -0.007 min
Lab File: BM031644.D
Acq: 10 Aug 2021 16:47



Tgt Ion:178 Resp: 4991
Ion Ratio Lower Upper
178 100
179 18.0 13.0 19.6
176 19.9 15.6 23.4





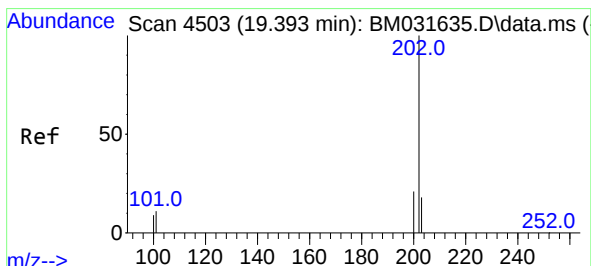
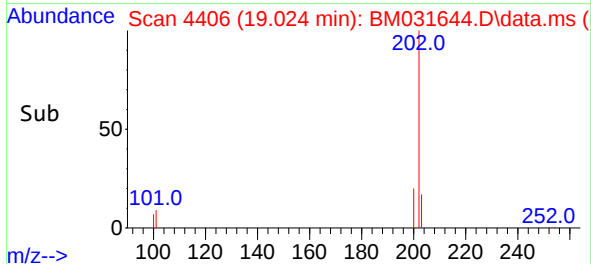
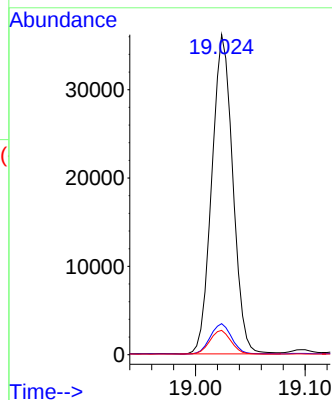
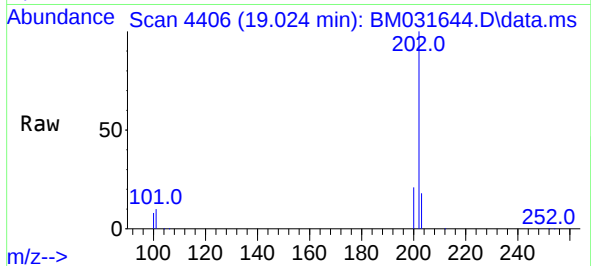
#19
Fluoranthene
Concen: 2.458 ng/ul
RT: 19.024 min Scan# 4406
Delta R.T. -0.004 min
Lab File: BM031644.D
Acq: 10 Aug 2021 16:47

Tgt Ion:	202	Resp:	48068
Ion Ratio	Lower	Upper	
202	100		
101	9.7	6.6	10.0
100	7.6	5.4	8.0

Instrument :
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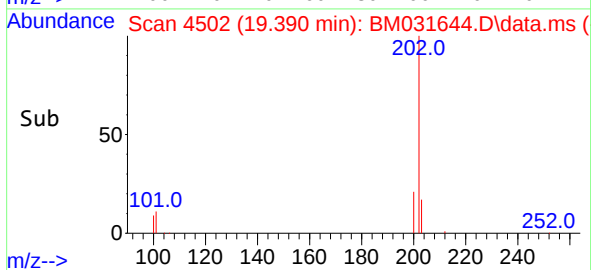
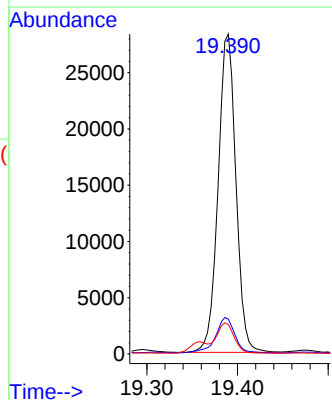
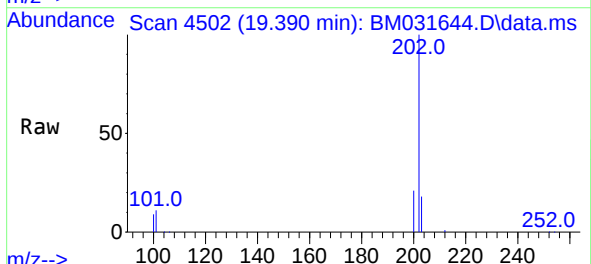
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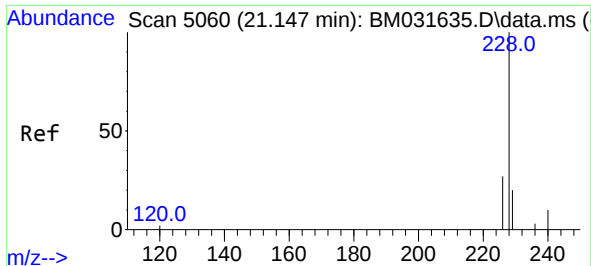
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#20
Pyrene
Concen: 1.947 ng/ul
RT: 19.390 min Scan# 4502
Delta R.T. -0.004 min
Lab File: BM031644.D
Acq: 10 Aug 2021 16:47

Tgt Ion:	202	Resp:	38619
Ion Ratio	Lower	Upper	
202	100		
101	10.9	7.8	11.6
100	9.2	6.6	10.0





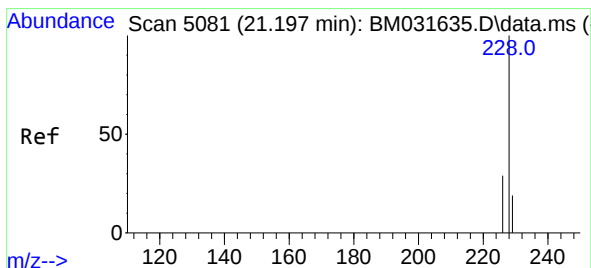
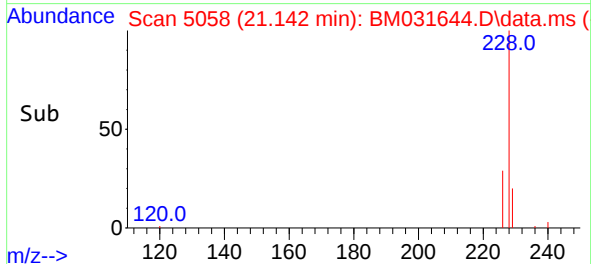
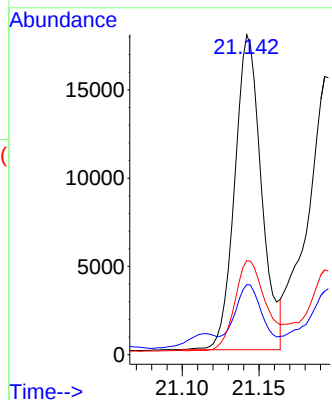
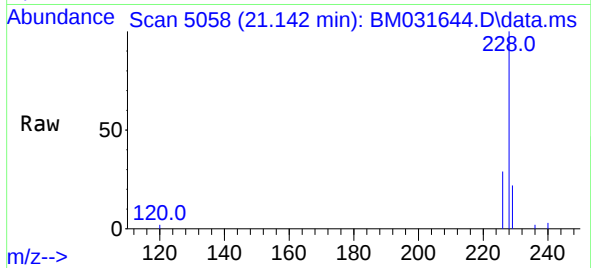
#21
Benzo(a)anthracene
Concen: 1.169 ng/ul
RT: 21.142 min Scan# 5058
Delta R.T. -0.005 min
Lab File: BM031644.D
Acq: 10 Aug 2021 16:47

Tgt Ion:228	Resp:	21611
Ion Ratio	Lower	Upper
228	100	
229	21.9	15.6 23.4
226	29.4	21.7 32.5

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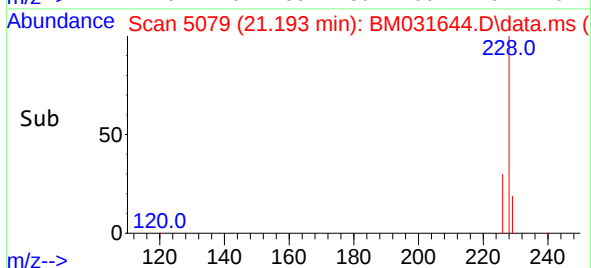
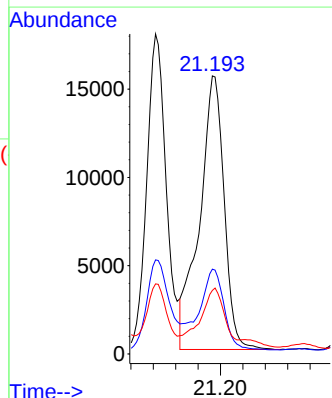
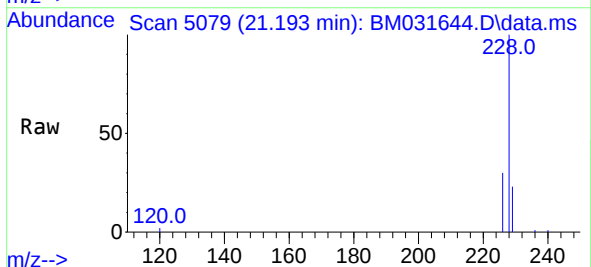
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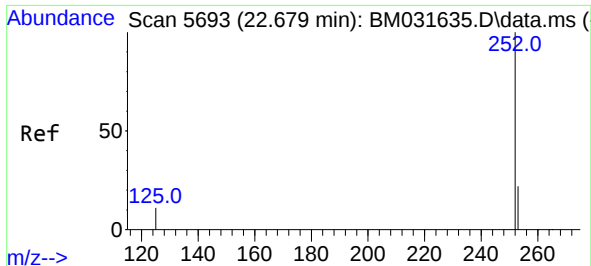
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#22
Chrysene
Concen: 1.244 ng/ul
RT: 21.193 min Scan# 5079
Delta R.T. -0.005 min
Lab File: BM031644.D
Acq: 10 Aug 2021 16:47

Tgt Ion:228	Resp:	23802
Ion Ratio	Lower	Upper
228	100	
226	30.5	24.7 37.1
229	22.8	16.2 24.2





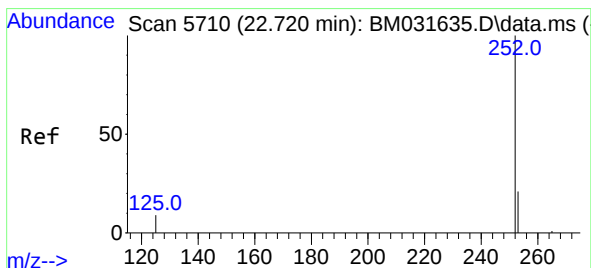
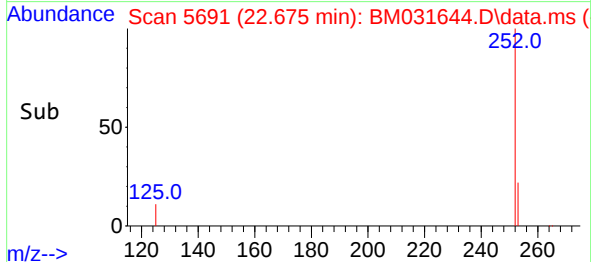
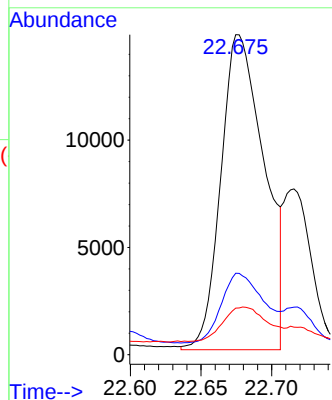
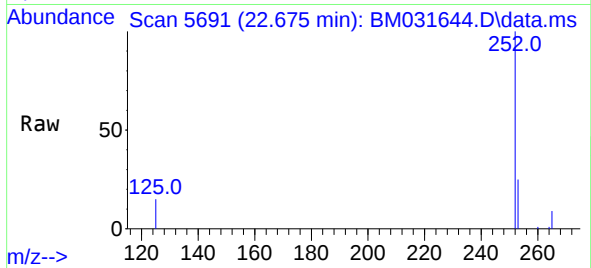
#24
Benzo(b)fluoranthene
Concen: 1.536 ng/ul m
RT: 22.675 min Scan# 5691
Delta R.T. -0.005 min
Lab File: BM031644.D
Acq: 10 Aug 2021 16:47

Tgt Ion:252	Resp:	31372
Ion Ratio	Lower	Upper
252	100	
253	25.5	0.0 53.0
125	14.5	0.0 22.8

Instrument :
BNA_M
ClientSampled :
C00B9DL

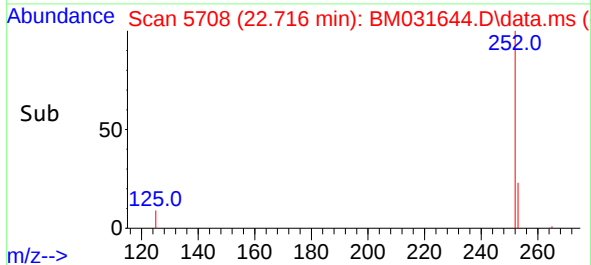
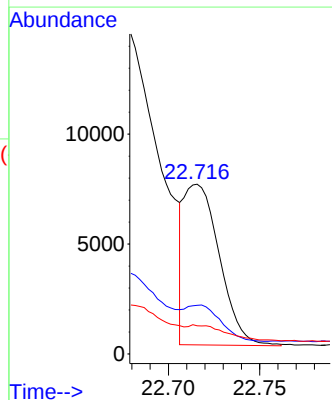
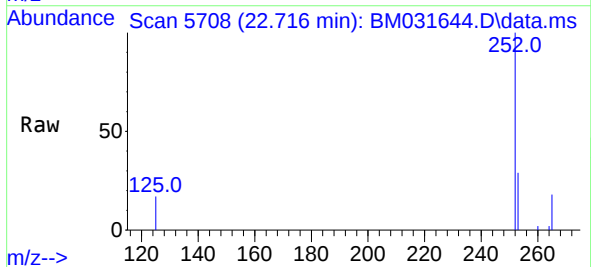
Manual Integrations
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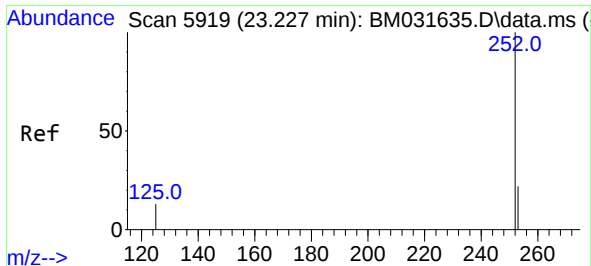
mohammad
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#25
Benzo(k)fluoranthene
Concen: 0.468 ng/ul m
RT: 22.716 min Scan# 5708
Delta R.T. -0.005 min
Lab File: BM031644.D
Acq: 10 Aug 2021 16:47

Tgt Ion:252	Resp:	9870
Ion Ratio	Lower	Upper
252	100	
253	28.6	21.3 31.9
125	16.6	8.8 13.2#





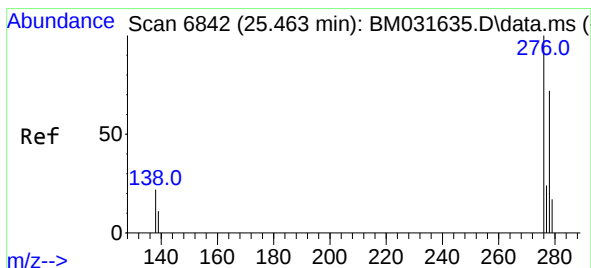
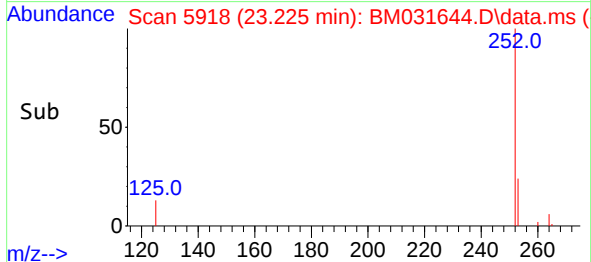
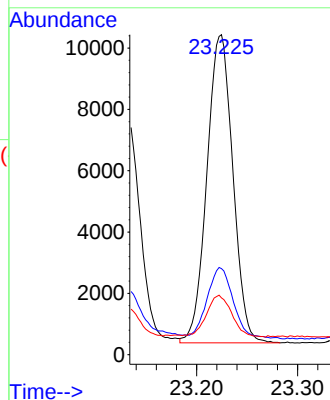
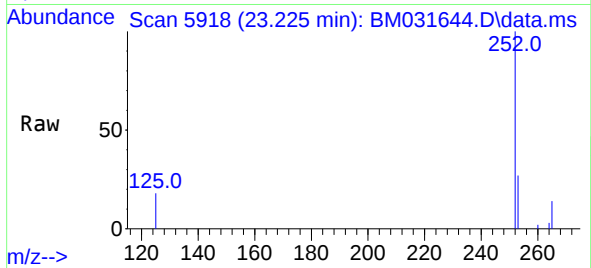
#26
Benzo(a)pyrene
Concen: 1.004 ng/ul
RT: 23.225 min Scan# 5918
Delta R.T. -0.002 min
Lab File: BM031644.D
Acq: 10 Aug 2021 16:47

Tgt Ion:	252	Resp:	17967
Ion Ratio	Lower	Upper	
252	100		
253	26.9	22.4	33.6
125	17.8	13.0	19.4

Instrument :
BNA_M
ClientSampled :
C00B9DL

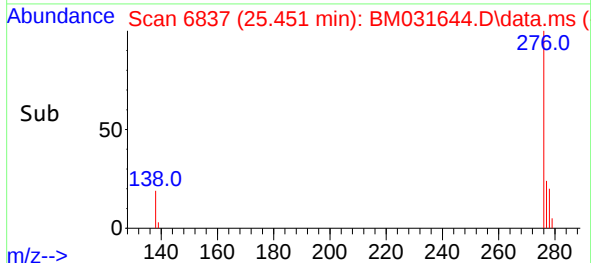
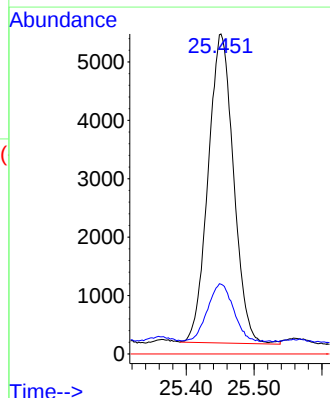
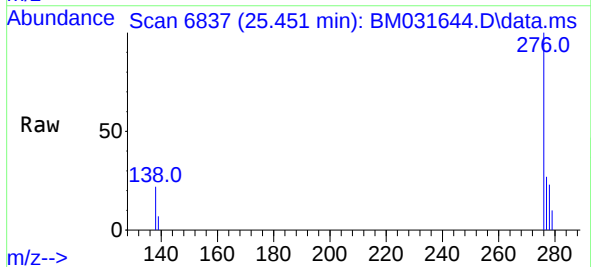
Manual Integrations
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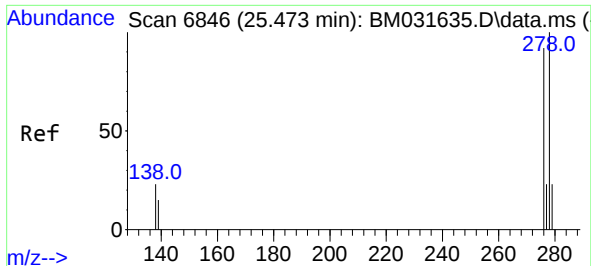
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#27
Indeno(1,2,3-cd)pyrene
Concen: 0.596 ng/ul
RT: 25.451 min Scan# 6837
Delta R.T. -0.012 min
Lab File: BM031644.D
Acq: 10 Aug 2021 16:47

Tgt Ion:	276	Resp:	13789
Ion Ratio	Lower	Upper	
276	100		
138	19.0	15.8	23.8
227	0.0	0.0	0.0





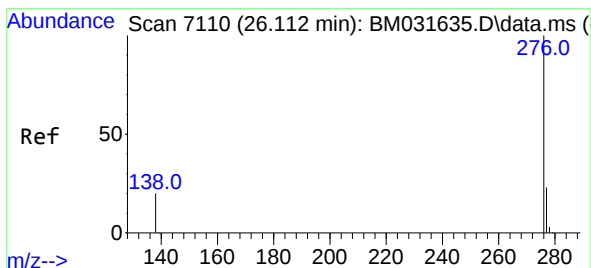
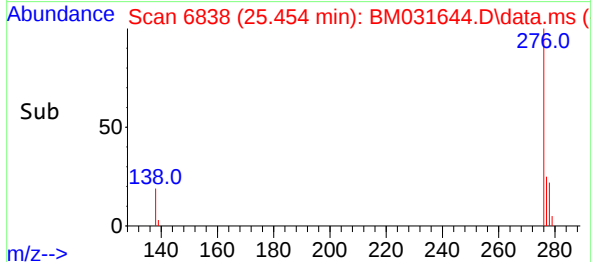
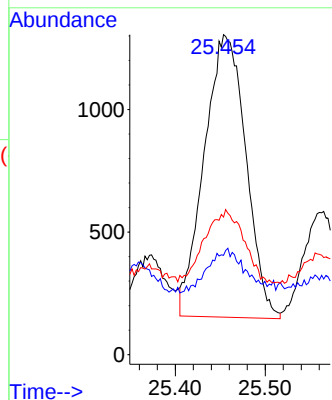
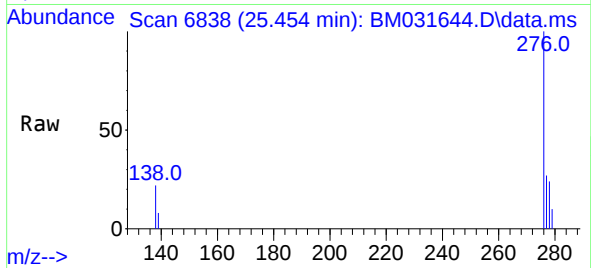
#28
Dibenzo(a,h)anthracene
Concen: 0.199 ng/ul
RT: 25.454 min Scan# 6838
Delta R.T. -0.019 min
Lab File: BM031644.D
Acq: 10 Aug 2021 16:47

Tgt Ion:	278	Resp:	3705
Ion Ratio	Lower	Upper	
278	100		
139	31.0	13.3	19.9#
279	43.0	22.8	34.2#

Instrument :
BNA_M
ClientSampled :
C00B9DL

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#29
Benzo(g,h,i)perylene
Concen: 0.122 ng/ul
RT: 26.103 min Scan# 7106
Delta R.T. -0.009 min
Lab File: BM031644.D
Acq: 10 Aug 2021 16:47

Tgt Ion:	276	Resp:	2412
Ion Ratio	Lower	Upper	
276	100		
138	34.9	15.4	23.2#
277	34.9	19.9	29.9#

