

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080221\
 Data File : BM031412.D
 Acq On : 03 Aug 2021 15:25
 Operator : CG/JU
 Sample : M3123-16
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0077

Manual Integrations
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Quant Time: Aug 03 16:05:27 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 03 13:47:07 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.597	152	1720	0.400	ng/ul	0.00
4) Naphthalene-d8	10.361	136	6674	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.227	164	4754	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.978	188	8881	0.400	ng/ul #	0.00
17) Chrysene-d12	21.168	240	7167	0.400	ng/ul #	0.00
23) Perylene-d12	23.331	264	7150	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.196	96	2162	1.132	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.953	152	1414	0.126	ng/ul	0.00
18) Fluoranthene-d10	19.008	212	3374	0.141	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.406	128	12366	0.622	ng/ul	99
7) 2-Methylnaphthalene	12.025	142	26262	1.934	ng/ul	100
8) 1-Methylnaphthalene	12.250	142	17120	1.276	ng/ul	100
10) Acenaphthylene	13.950	152	938	0.046	ng/ul#	54
11) Acenaphthene	14.318	153	2094m	0.123	ng/ul	
12) Fluorene	15.281	166	3294	0.168	ng/ul#	60
15) Phenanthrene	17.016	178	99723	3.536	ng/ul	98
19) Fluoranthene	19.043	202	26699	0.872	ng/ul#	92
20) Pyrene	19.401	202	21632	0.697	ng/ul#	91
21) Benzo(a)anthracene	21.154	228	7789	0.269	ng/ul#	43
22) Chrysene	21.205	228	71022	2.372	ng/ul#	94
24) Benzo(b)fluoranthene	22.687	252	25969m	0.806	ng/ul	
25) Benzo(k)fluoranthene	22.725	252	2141m	0.064	ng/ul	
26) Benzo(a)pyrene	23.237	252	4032	0.143	ng/ul#	40
27) Indeno(1,2,3-cd)pyrene	25.470	276	4159	0.114	ng/ul#	80
28) Dibenzo(a,h)anthracene	25.478	278	4524	0.154	ng/ul#	38
29) Benzo(g,h,i)perylene	26.120	276	848	0.027	ng/ul#	24

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

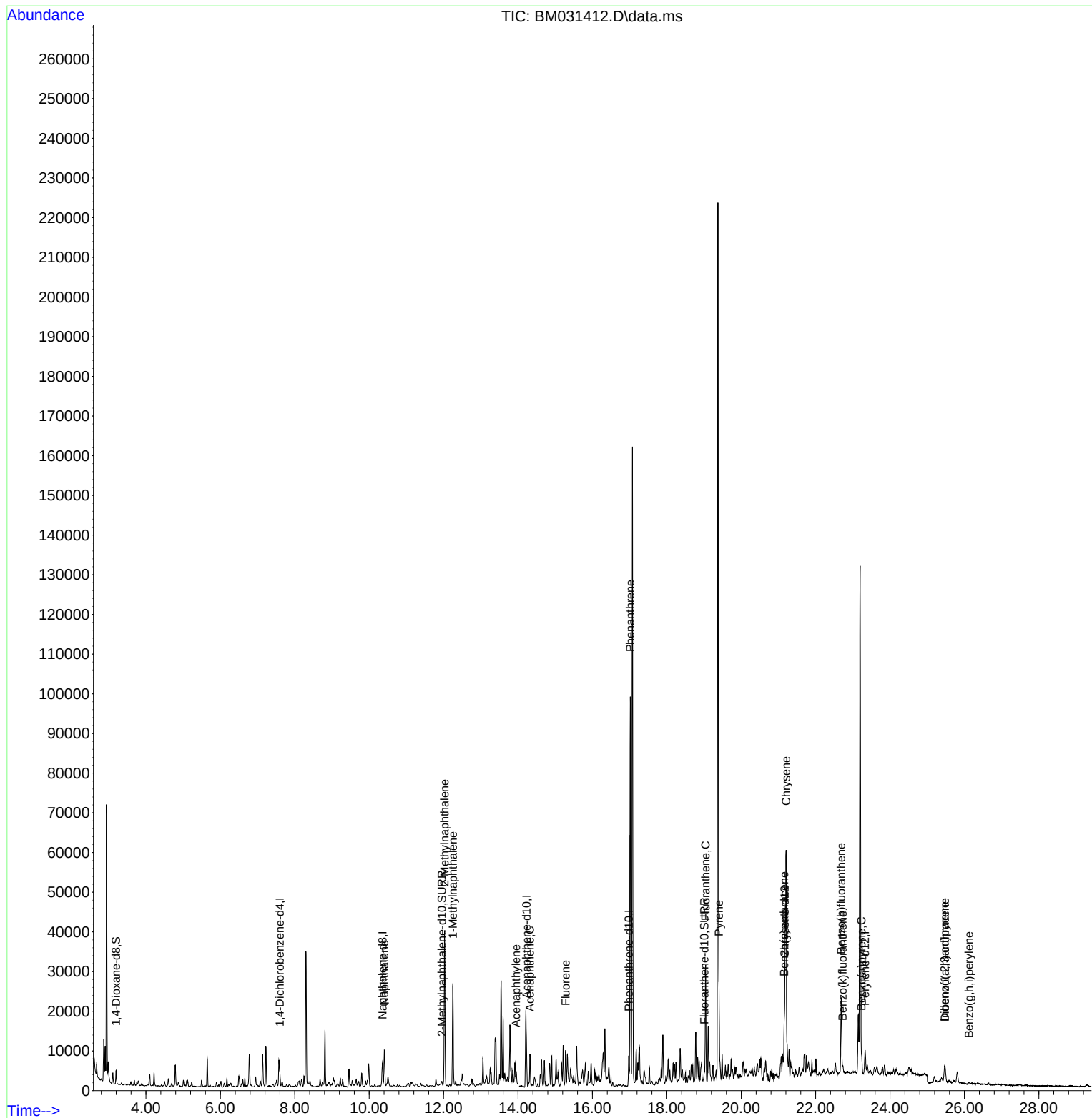
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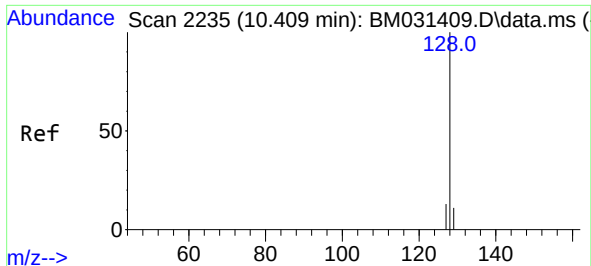
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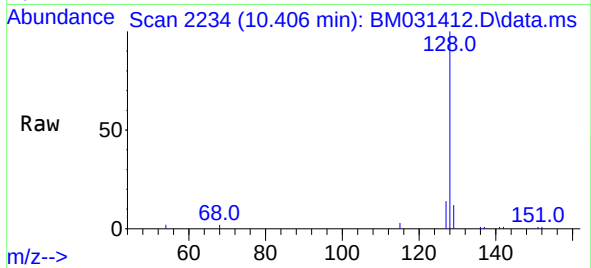
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Quant Time: Aug 03 16:05:27 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 03 13:47:07 2021
Response via : Initial Calibration

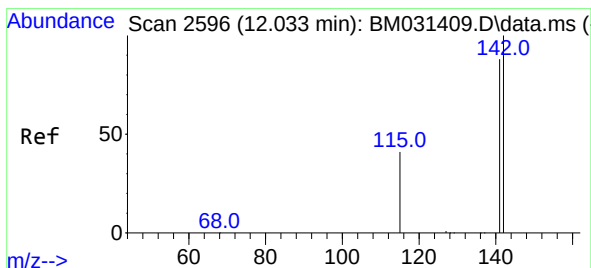
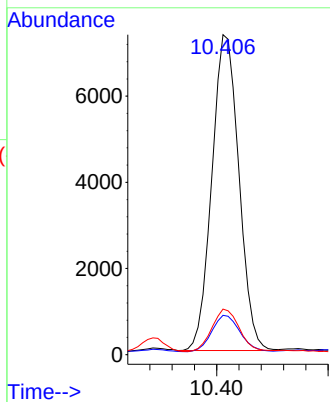
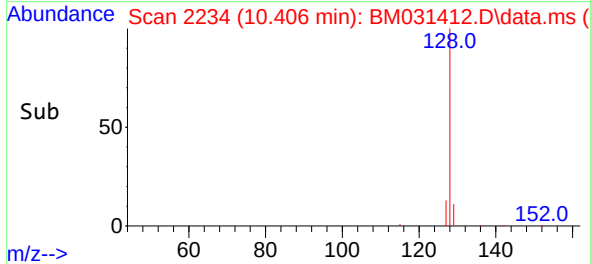




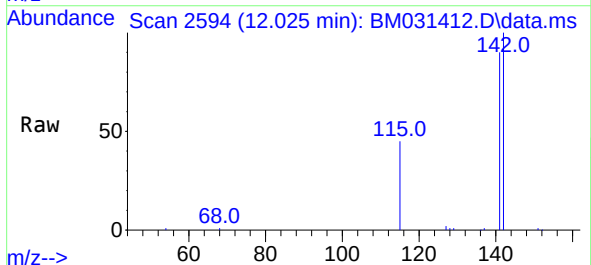
#5
Naphthalene
Concen: 0.622 ng/ul
RT: 10.406 min Scan# 2234
Delta R.T. -0.003 min
Lab File: BM031412.D
Acq: 03 Aug 2021 15:25



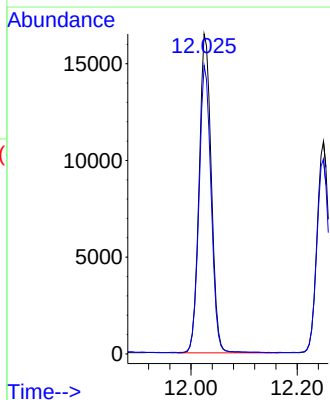
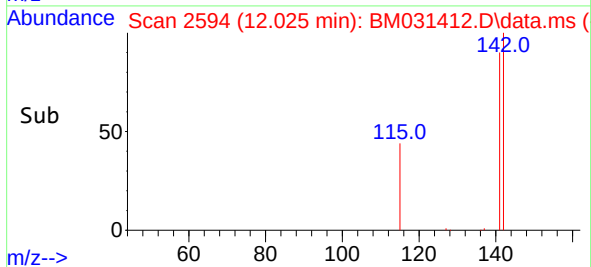
Tgt Ion:128 Resp: 12366
Ion Ratio Lower Upper
128 100
129 12.3 10.0 15.0
127 14.2 11.6 17.4



#7
2-Methylnaphthalene
Concen: 1.934 ng/ul
RT: 12.025 min Scan# 2594
Delta R.T. -0.008 min
Lab File: BM031412.D
Acq: 03 Aug 2021 15:25



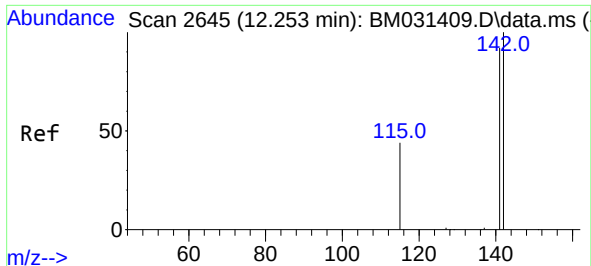
Tgt Ion:142 Resp: 26262
Ion Ratio Lower Upper
142 100
141 89.4 71.4 107.0



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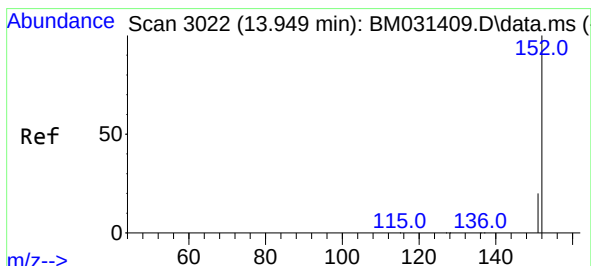
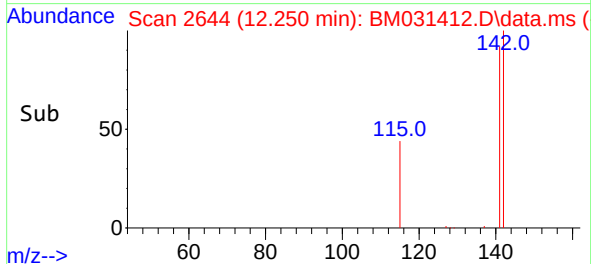
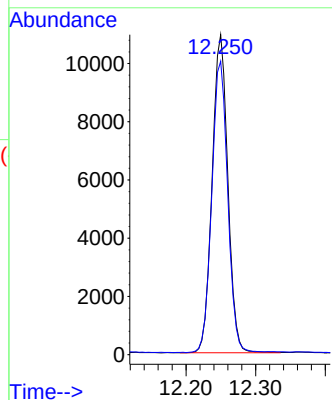
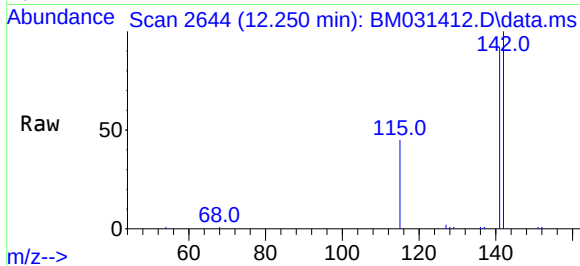
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1-Methylnaphthalene
Concen: 1.276 ng/ul
RT: 12.250 min Scan# 2644
Delta R.T. -0.003 min
Lab File: BM031412.D
Acq: 03 Aug 2021 15:25

Tgt Ion:142 Resp: 17120
Ion Ratio Lower Upper
142 100
141 93.1 74.1 111.1

Instrument :
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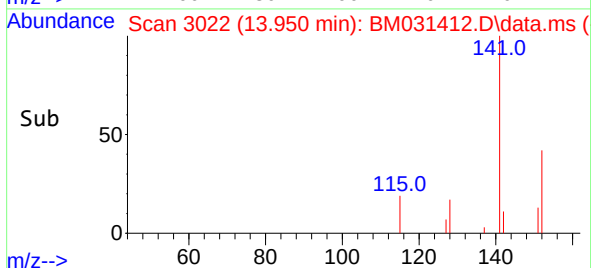
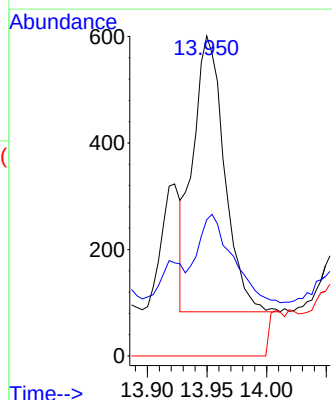
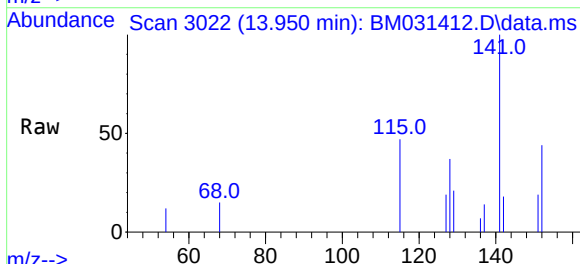
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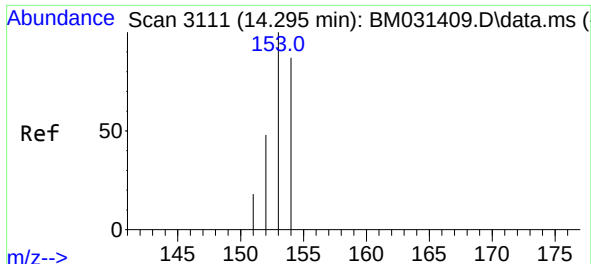
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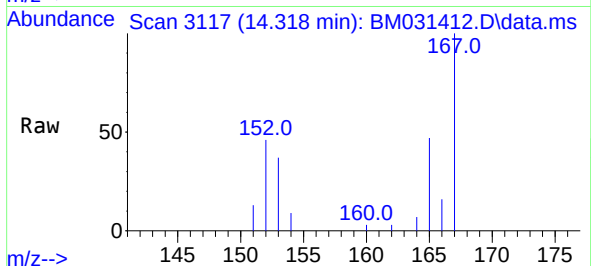
#10
Acenaphthylene
Concen: 0.046 ng/ul
RT: 13.950 min Scan# 3022
Delta R.T. 0.001 min
Lab File: BM031412.D
Acq: 03 Aug 2021 15:25

Tgt Ion:152 Resp: 938
Ion Ratio Lower Upper
152 100
151 42.6 16.9 25.3#
153 0.0 0.0 0.0

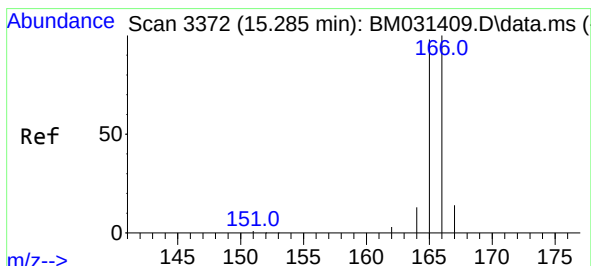
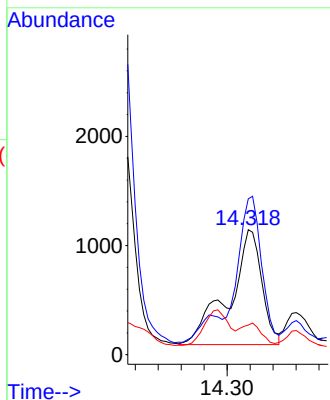
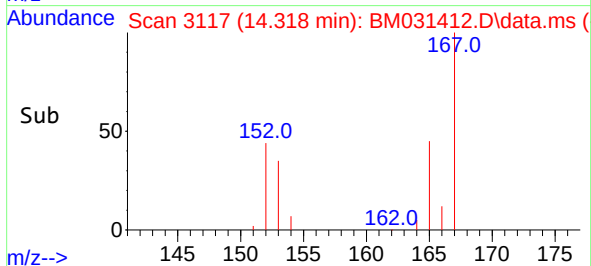




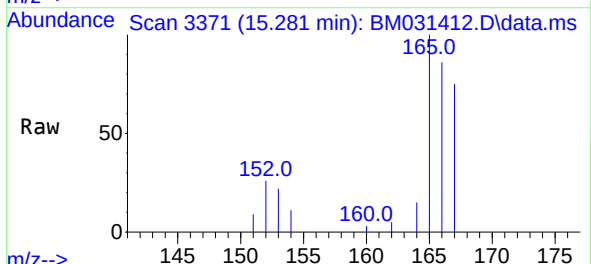
#11
Acenaphthene
Concen: 0.123 ng/ul m
RT: 14.318 min Scan# 3117
Delta R.T. 0.023 min
Lab File: BM031412.D
Acq: 03 Aug 2021 15:25



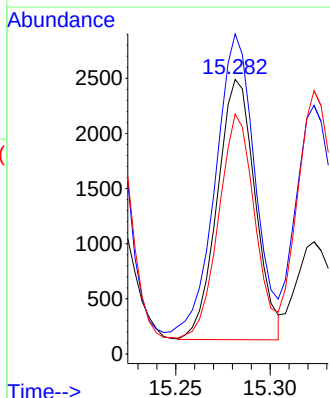
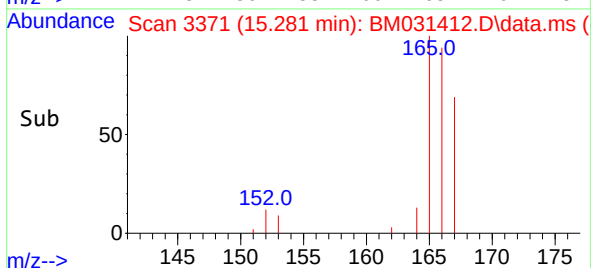
Tgt Ion:153 Resp: 2094
Ion Ratio Lower Upper
153 100
152 124.7 40.7 61.1#
154 23.7 70.2 105.2#



#12
Fluorene
Concen: 0.168 ng/ul
RT: 15.281 min Scan# 3371
Delta R.T. -0.003 min
Lab File: BM031412.D
Acq: 03 Aug 2021 15:25



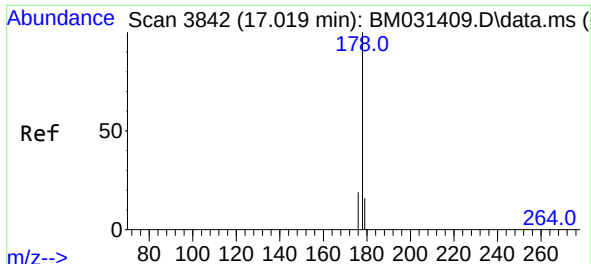
Tgt Ion:166 Resp: 3294
Ion Ratio Lower Upper
166 100
165 116.5 78.0 117.0
167 87.4 12.0 18.0#



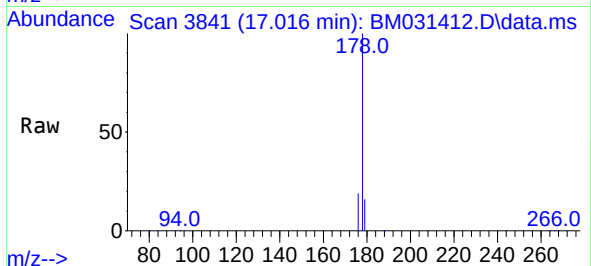
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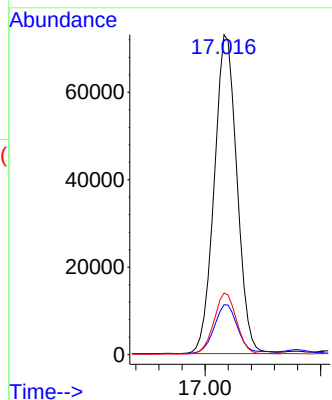
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#15
Phenanthrene
Concen: 3.536 ng/ul
RT: 17.016 min Scan# 3841
Delta R.T. -0.003 min
Lab File: BM031412.D
Acq: 03 Aug 2021 15:25



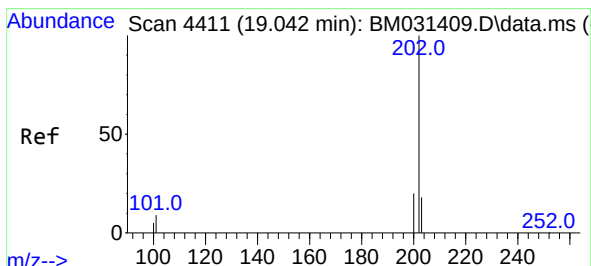
Tgt Ion:178 Resp: 99723
Ion Ratio Lower Upper
178 100
179 15.6 13.3 19.9
176 19.3 16.2 24.4



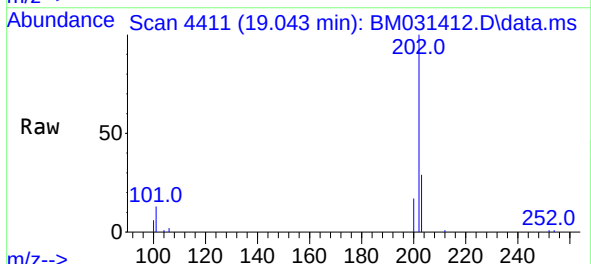
Instrument :
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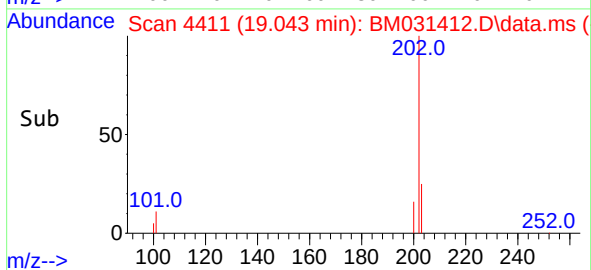
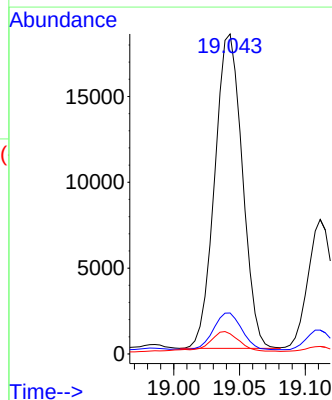
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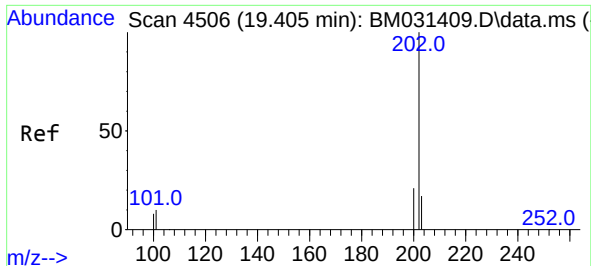


#19
Fluoranthene
Concen: 0.872 ng/ul
RT: 19.043 min Scan# 4411
Delta R.T. 0.000 min
Lab File: BM031412.D
Acq: 03 Aug 2021 15:25

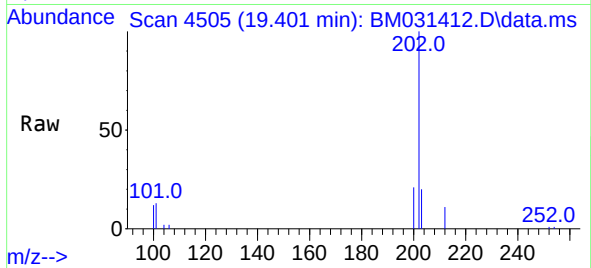


Tgt Ion:202 Resp: 26699
Ion Ratio Lower Upper
202 100
101 12.8 6.6 10.0#
100 6.3 5.4 8.0

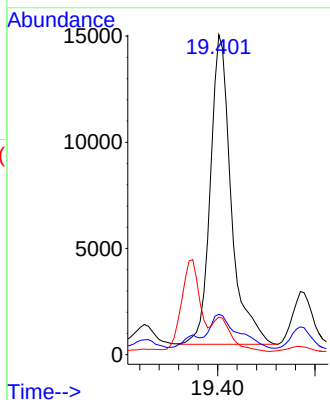




#20
Pyrene
Concen: 0.697 ng/ul
RT: 19.401 min Scan# 4505
Delta R.T. -0.003 min
Lab File: BM031412.D
Acq: 03 Aug 2021 15:25



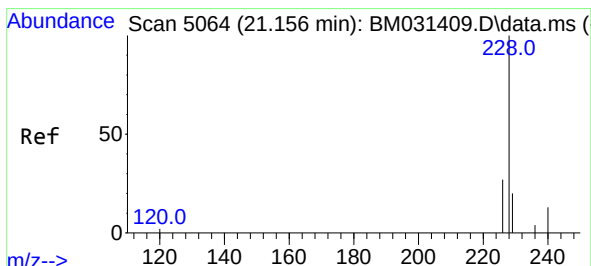
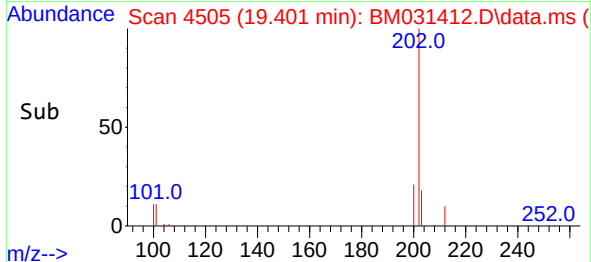
Tgt Ion:202 Resp: 21632
Ion Ratio Lower Upper
202 100
101 12.6 7.8 11.6#
100 11.8 6.6 10.0#



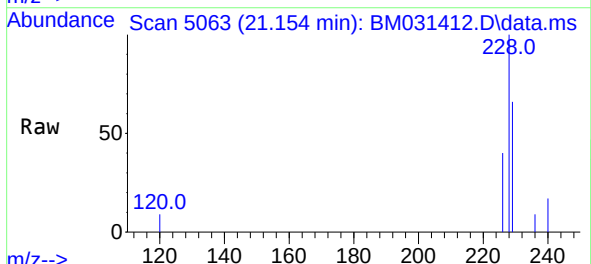
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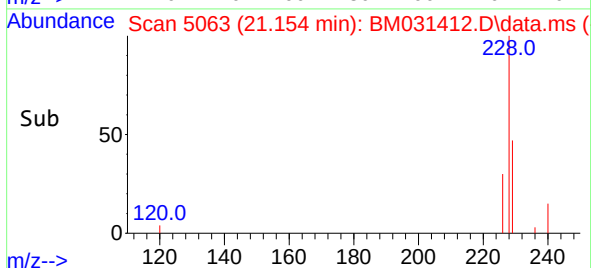
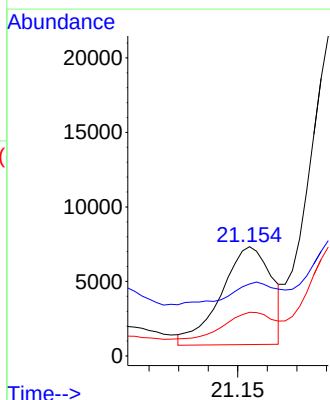
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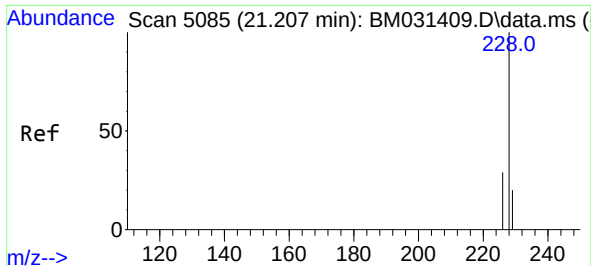


#21
Benzo(a)anthracene
Concen: 0.269 ng/ul
RT: 21.154 min Scan# 5063
Delta R.T. -0.002 min
Lab File: BM031412.D
Acq: 03 Aug 2021 15:25

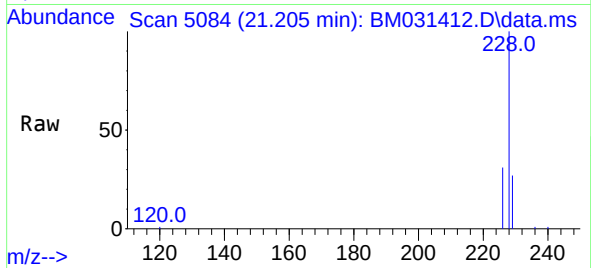


Tgt Ion:228 Resp: 7789
Ion Ratio Lower Upper
228 100
229 65.8 15.6 23.4#
226 39.9 21.7 32.5#

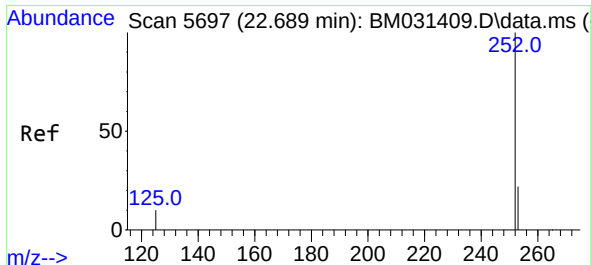
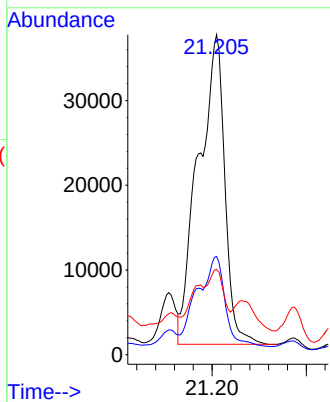
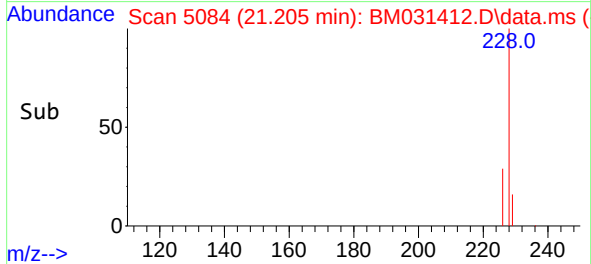




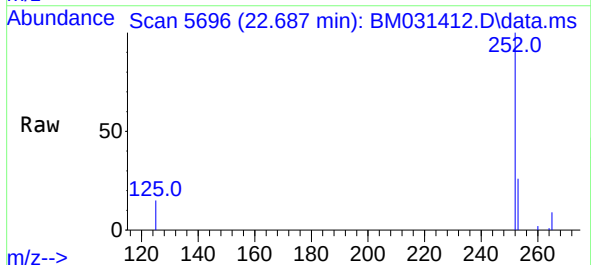
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Chrysene
Concen: 2.372 ng/ul
RT: 21.205 min Scan# 5084
Delta R.T. -0.002 min
Lab File: BM031412.D
Acq: 03 Aug 2021 15:25



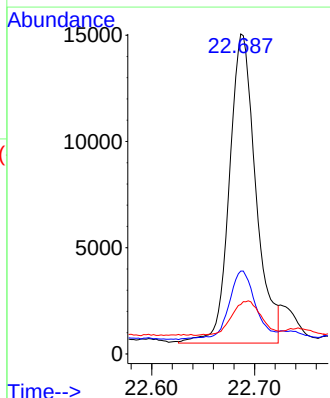
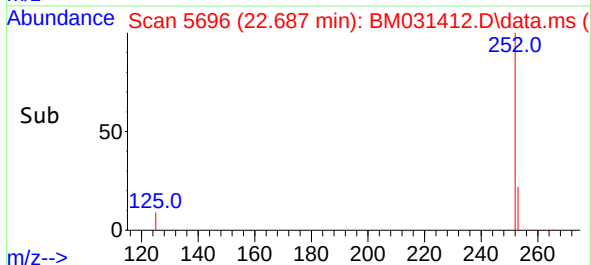
Tgt Ion:228 Resp: 71022
Ion Ratio Lower Upper
228 100
226 30.7 24.7 37.1
229 26.7 16.2 24.2#



#24
Benzo(b)fluoranthene
Concen: 0.806 ng/ul m
RT: 22.687 min Scan# 5696
Delta R.T. -0.002 min
Lab File: BM031412.D
Acq: 03 Aug 2021 15:25



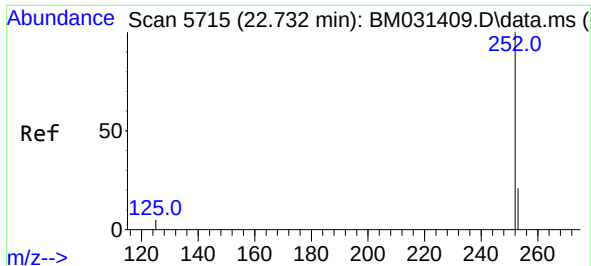
Tgt Ion:252 Resp: 25969
Ion Ratio Lower Upper
252 100
253 25.9 0.0 53.0
125 15.4 0.0 22.8



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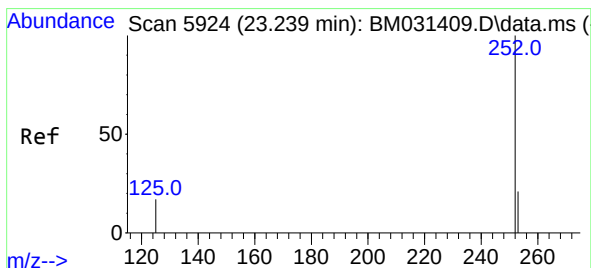
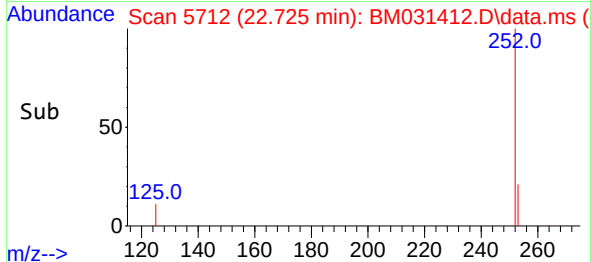
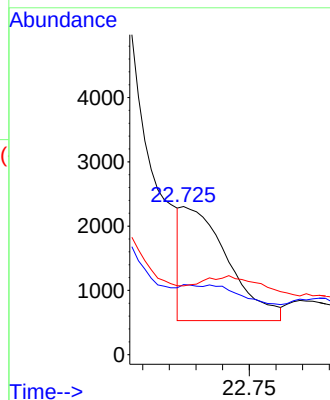
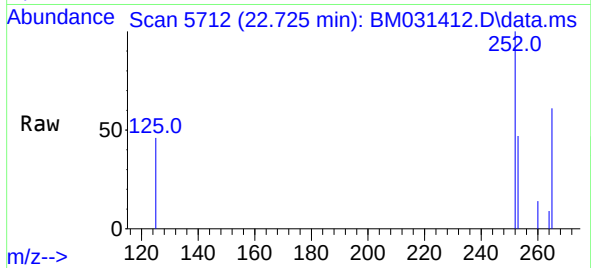
#25
Benzo(k)fluoranthene
Concen: 0.064 ng/ul m
RT: 22.725 min Scan# 5712
Delta R.T. -0.007 min
Lab File: BM031412.D
Acq: 03 Aug 2021 15:25

Tgt Ion:252	Resp:	2141
Ion Ratio	Lower	Upper
252	100	
253	47.3	21.3 31.9#
125	46.5	8.8 13.2#

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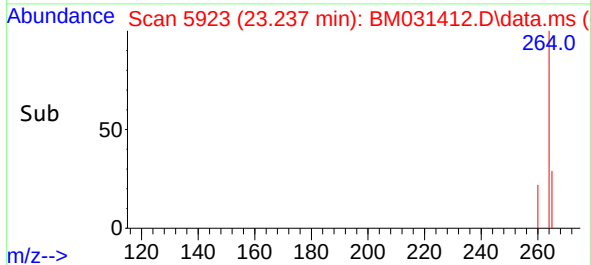
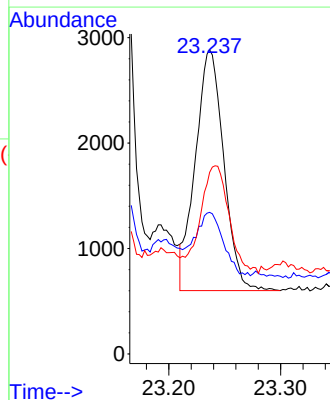
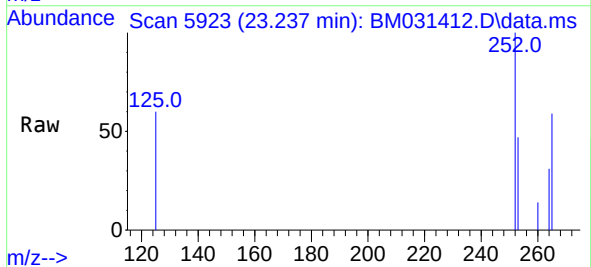
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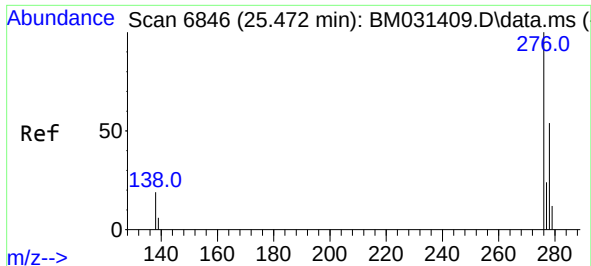
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#26
Benzo(a)pyrene
Concen: 0.143 ng/ul
RT: 23.237 min Scan# 5923
Delta R.T. -0.002 min
Lab File: BM031412.D
Acq: 03 Aug 2021 15:25

Tgt Ion:252	Resp:	4032
Ion Ratio	Lower	Upper
252	100	
253	46.6	22.4 33.6#
125	59.7	13.0 19.4#





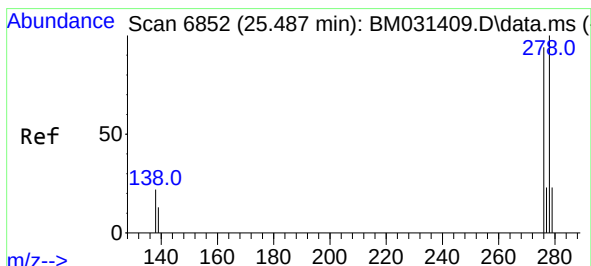
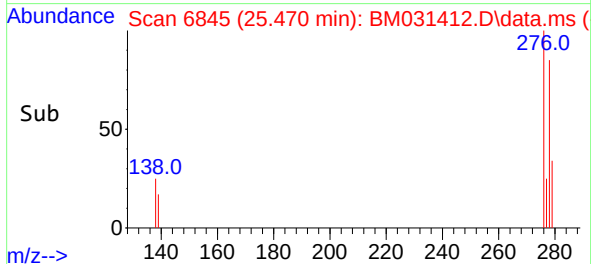
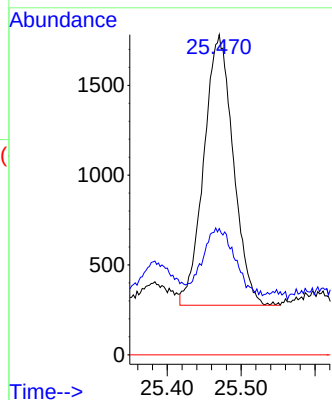
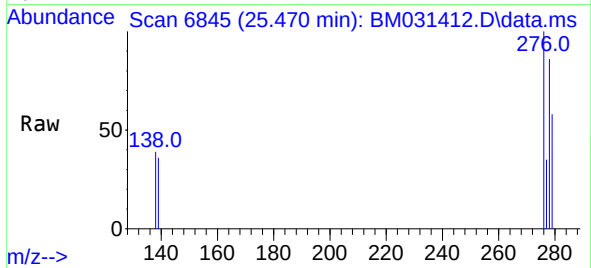
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.114 ng/ul
RT: 25.470 min Scan# 6845
Delta R.T. -0.002 min
Lab File: BM031412.D
Acq: 03 Aug 2021 15:25

Tgt Ion: 276 Resp: 4159
Ion Ratio Lower Upper
276 100
138 28.9 15.8 23.8#
227 0.0 0.0 0.0

Instrument :
BNA_M
ClientSampled :
C0077

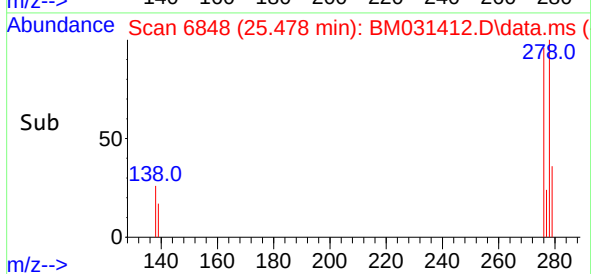
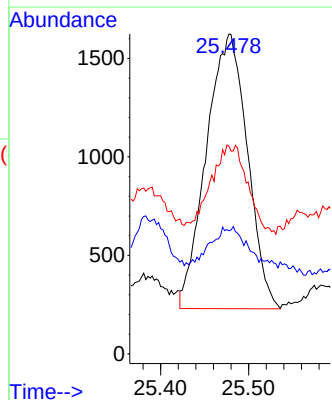
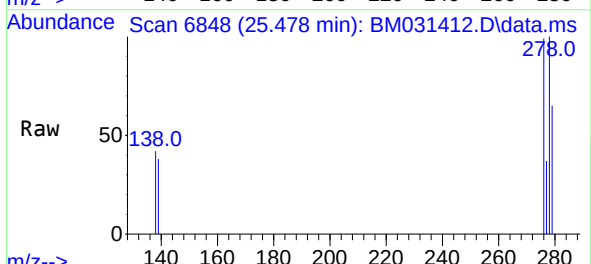
Manual Integrations
APPROVED

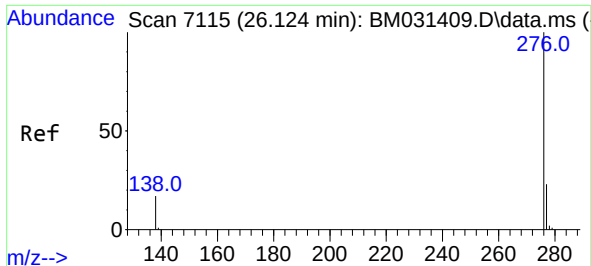
mohammad
8/4/2021 3:47:44 PM



#28
Dibenzo(a,h)anthracene
Concen: 0.154 ng/ul
RT: 25.478 min Scan# 6848
Delta R.T. -0.009 min
Lab File: BM031412.D
Acq: 03 Aug 2021 15:25

Tgt Ion: 278 Resp: 4524
Ion Ratio Lower Upper
278 100
139 38.5 13.3 19.9#
279 64.9 22.8 34.2#





#29
Benzo(g,h,i)perylene
Concen: 0.027 ng/ul
RT: 26.120 min Scan# 7113
Delta R.T. -0.004 min
Lab File: BM031412.D
Acq: 03 Aug 2021 15:25

Tgt Ion	Ratio	Lower	Upper
276	100		
138	61.2	15.4	23.2#
277	56.3	19.9	29.9#

Instrument :
BNA_M
ClientSampleId :
C0077

Manual Integrations
APPROVED

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