

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080221\
 Data File : BM031414.D
 Acq On : 03 Aug 2021 16:39
 Operator : CG/JU
 Sample : M3123-17
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0078

Manual Integrations
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Quant Time: Aug 03 17:10:27 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	1525	0.400	ng/ul	0.00
4) Naphthalene-d8	10.356	136	5818	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.228	164	3513	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.975	188	6749	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.169	240	5338	0.400	ng/ul	# 0.00
23) Perylene-d12	23.331	264	5177	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	2671	1.577	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.953	152	1257	0.128	ng/ul	0.00
18) Fluoranthene-d10	19.009	212	2586	0.145	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.406	128	5980	0.345	ng/ul	99
7) 2-Methylnaphthalene	12.025	142	5116	0.432	ng/ul	99
8) 1-Methylnaphthalene	12.250	142	3050	0.261	ng/ul	99
10) Acenaphthylene	13.950	152	5103	0.341	ng/ul	99
11) Acenaphthene	14.288	153	841	0.067	ng/ul	92
12) Fluorene	15.282	166	1803	0.124	ng/ul#	92
15) Phenanthrene	17.016	178	47843	2.232	ng/ul	97
16) Anthracene	17.110	178	7753	0.386	ng/ul	99
19) Fluoranthene	19.039	202	134379	5.895	ng/ul	99
20) Pyrene	19.401	202	107564	4.653	ng/ul	98
21) Benzo(a)anthracene	21.152	228	53645	2.489	ng/ul	98
22) Chrysene	21.205	228	69130	3.100	ng/ul	98
24) Benzo(b)fluoranthene	22.689	252	104750m	4.491	ng/ul	
25) Benzo(k)fluoranthene	22.730	252	31455m	1.305	ng/ul	
26) Benzo(a)pyrene	23.237	252	51581	2.525	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.468	276	45000	1.704	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.480	278	11123	0.523	ng/ul#	94
29) Benzo(g,h,i)perylene	26.122	276	6047	0.268	ng/ul#	88

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

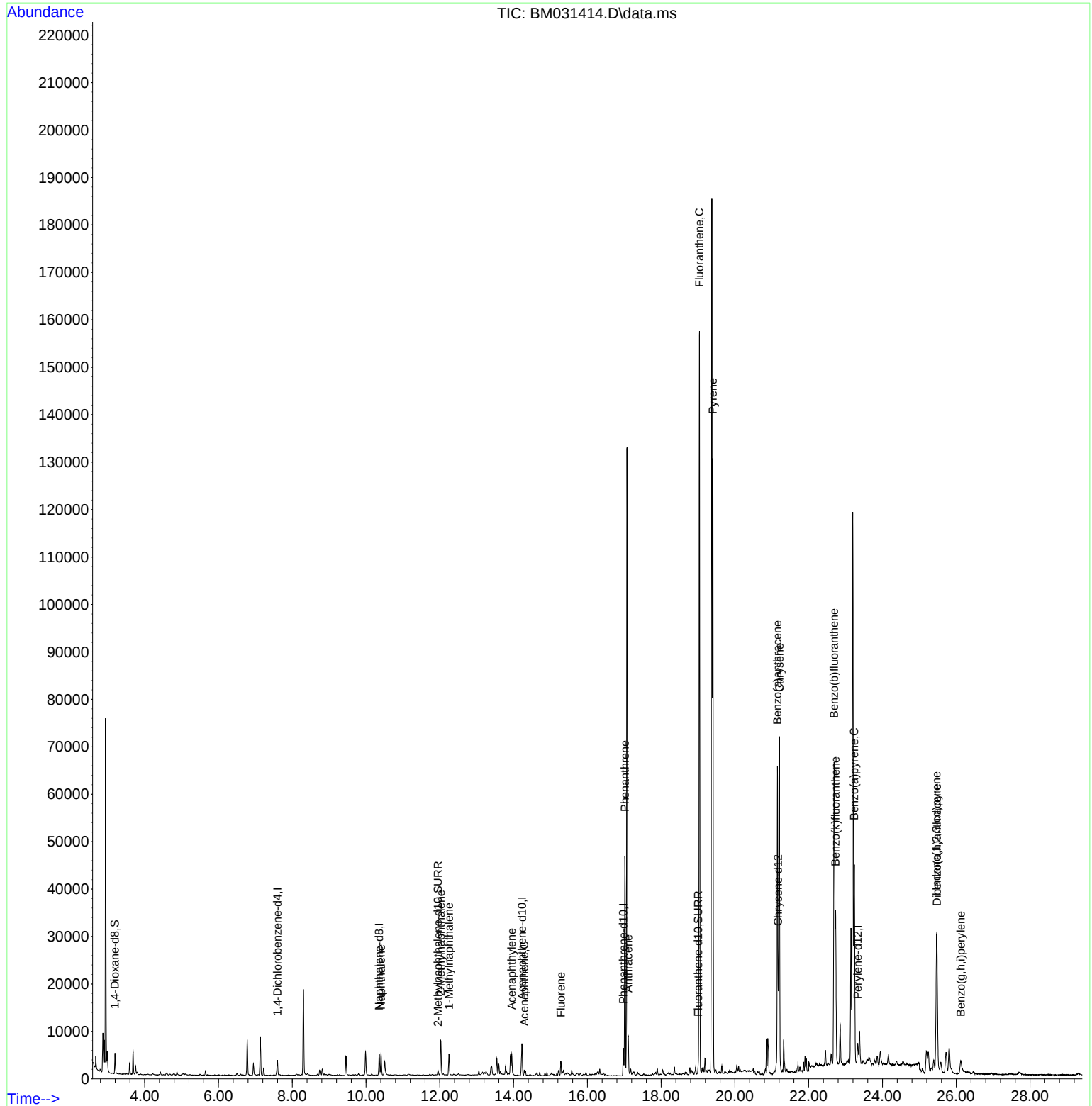
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Data File : BM031414.D
Acq On : 03 Aug 2021 16:39
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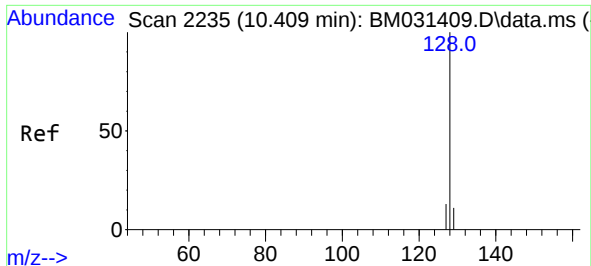
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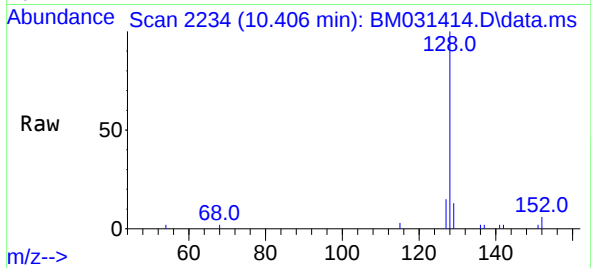
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 03 13:47:07 2021
Response via : Initial Calibration

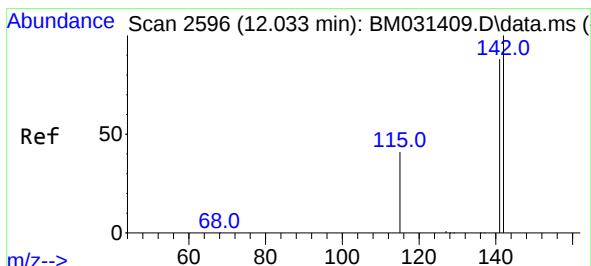
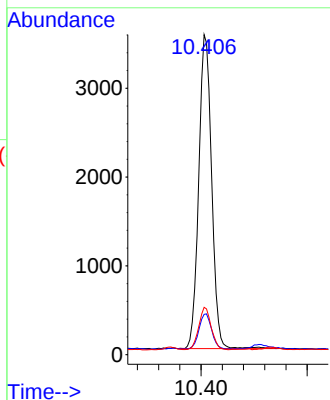
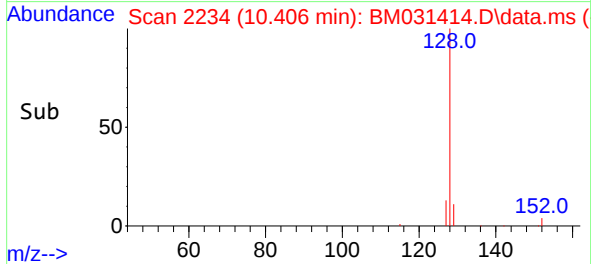




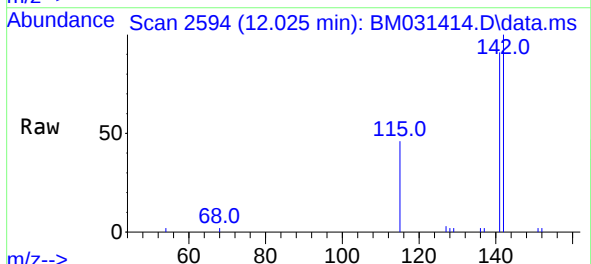
#5
Naphthalene
Concen: 0.345 ng/ul
RT: 10.406 min Scan# 2234
Delta R.T. -0.003 min
Lab File: BM031414.D
Acq: 03 Aug 2021 16:39



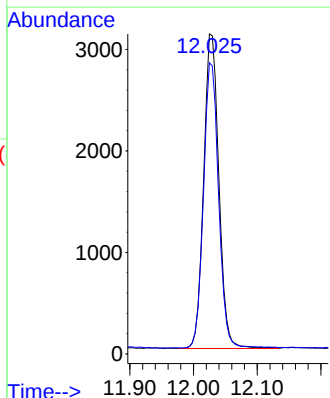
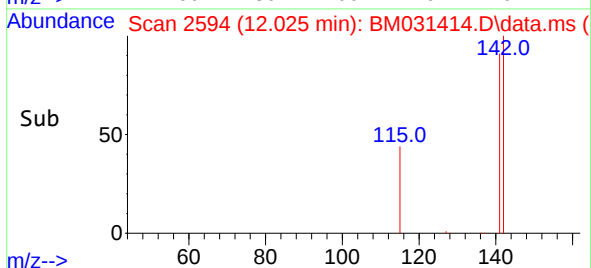
Tgt Ion:	128	Resp:	5980
Ion Ratio	Lower	Upper	
128	100		
129	12.6	10.0	15.0
127	14.8	11.6	17.4



#7
2-Methylnaphthalene
Concen: 0.432 ng/ul
RT: 12.025 min Scan# 2594
Delta R.T. -0.008 min
Lab File: BM031414.D
Acq: 03 Aug 2021 16:39



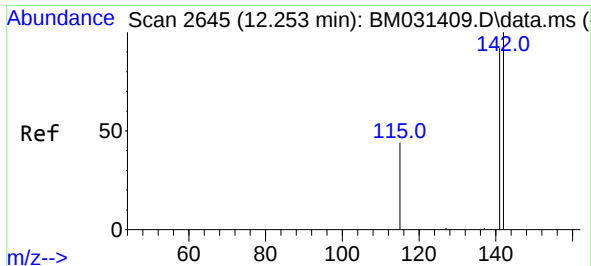
Tgt Ion:	142	Resp:	5116
Ion Ratio	Lower	Upper	
142	100		
141	90.4	71.4	107.0



Instrument :
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ClientSampled :
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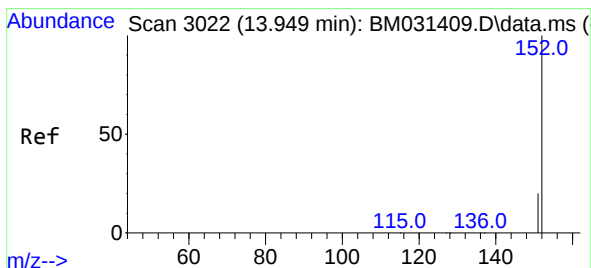
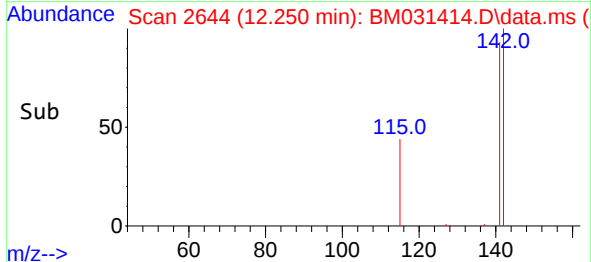
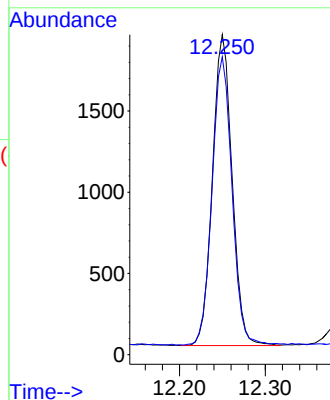
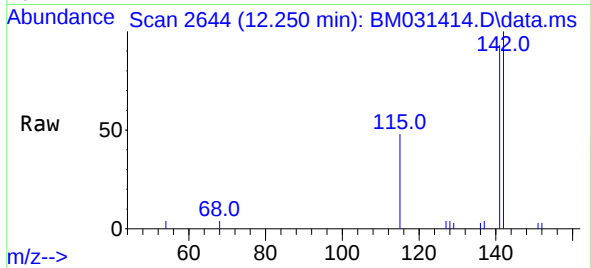
#8
1-Methylnaphthalene
Concen: 0.261 ng/ul
RT: 12.250 min Scan# 2644
Delta R.T. -0.003 min
Lab File: BM031414.D
Acq: 03 Aug 2021 16:39

Tgt Ion:142 Resp: 3050
Ion Ratio Lower Upper
142 100
141 93.8 74.1 111.1

Instrument :
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ClientSampled :
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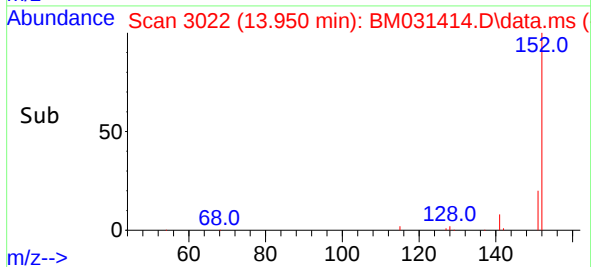
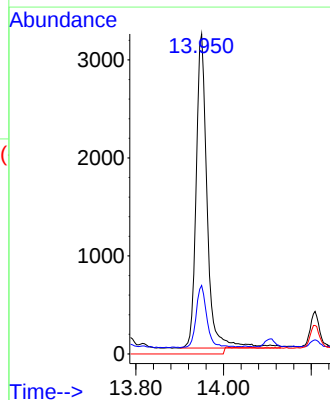
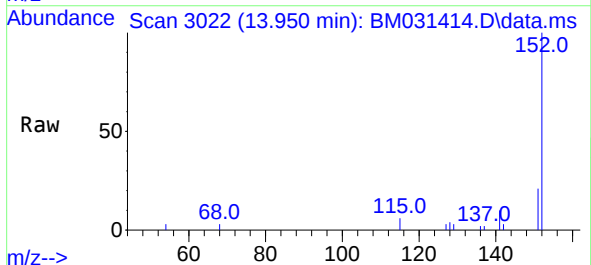
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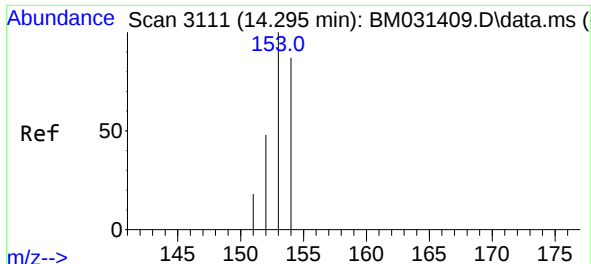
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#10
Acenaphthylene
Concen: 0.341 ng/ul
RT: 13.950 min Scan# 3022
Delta R.T. 0.001 min
Lab File: BM031414.D
Acq: 03 Aug 2021 16:39

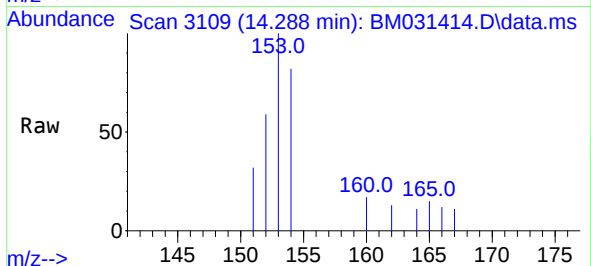
Tgt Ion:152 Resp: 5103
Ion Ratio Lower Upper
152 100
151 21.4 16.9 25.3
153 0.0 0.0 0.0





#11
Acenaphthene
Concen: 0.067 ng/ul
RT: 14.288 min Scan# 3109
Delta R.T. -0.007 min
Lab File: BM031414.D
Acq: 03 Aug 2021 16:39

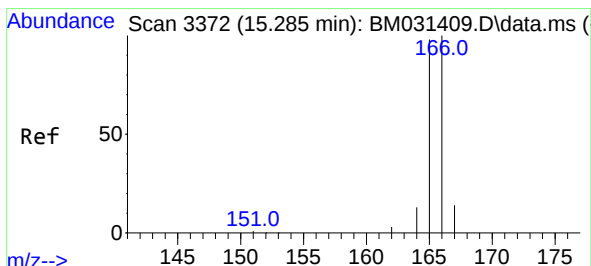
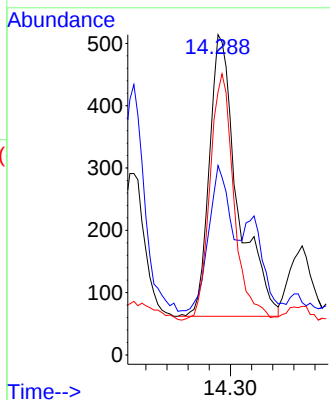
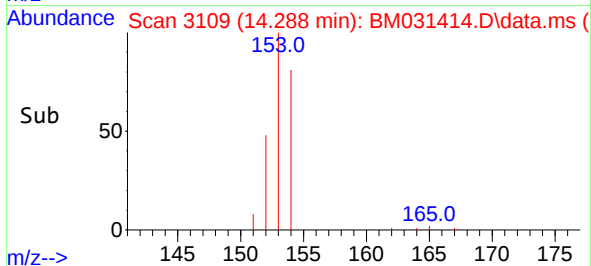
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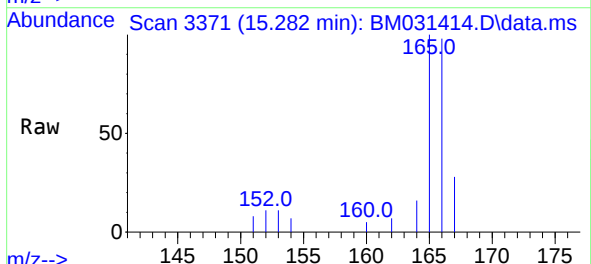
Tgt Ion:153 Resp: 841
Ion Ratio Lower Upper
153 100
152 59.1 40.7 61.1
154 82.1 70.2 105.2

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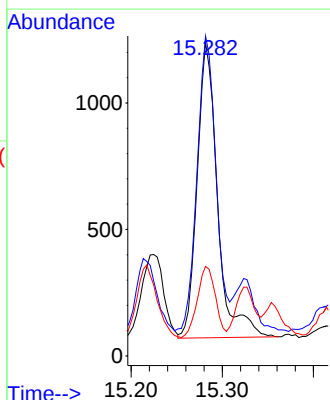
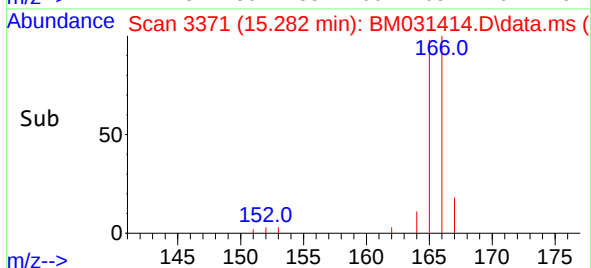
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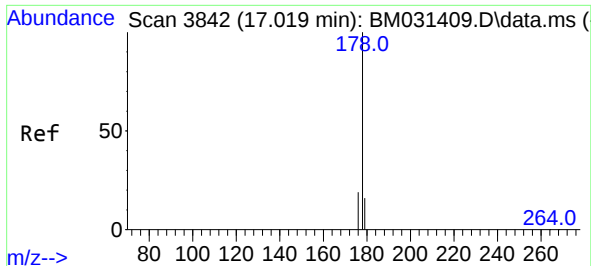


#12
Fluorene
Concen: 0.124 ng/ul
RT: 15.282 min Scan# 3371
Delta R.T. -0.003 min
Lab File: BM031414.D
Acq: 03 Aug 2021 16:39

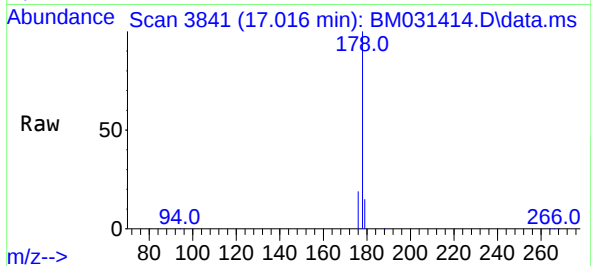


Tgt Ion:166 Resp: 1803
Ion Ratio Lower Upper
166 100
165 102.1 78.0 117.0
167 28.6 12.0 18.0#



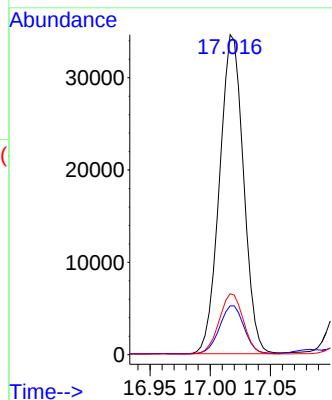


#15
Phenanthrene
Concen: 2.232 ng/u1
RT: 17.016 min Scan# 3841
Delta R.T. -0.003 min
Lab File: BM031414.D
Acq: 03 Aug 2021 16:39



Tgt Ion:178 Resp: 47843

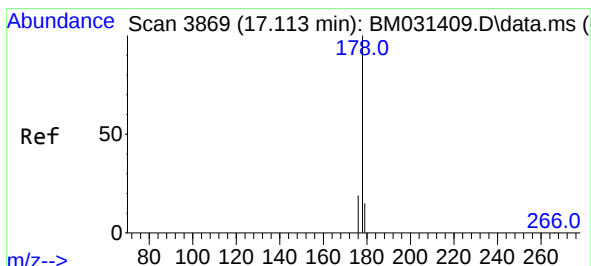
Ion	Ratio	Lower	Upper
178	100		
179	15.2	13.3	19.9
176	19.0	16.2	24.4



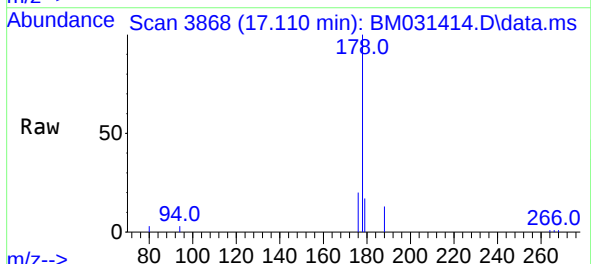
Instrument :
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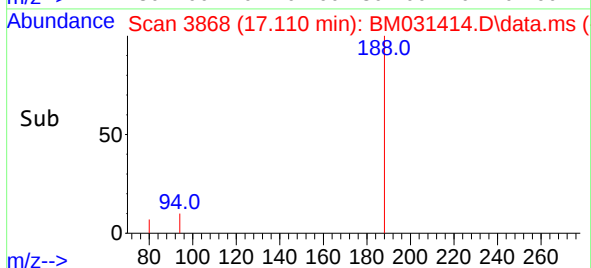
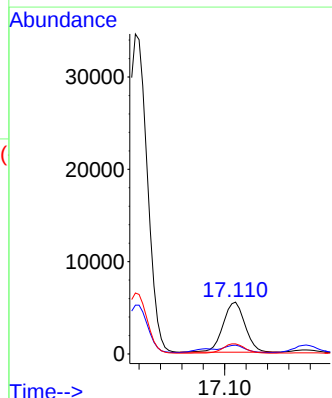


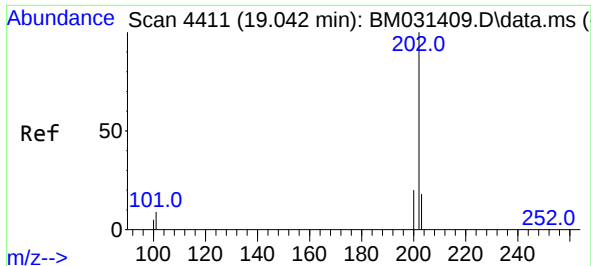
#16
Anthracene
Concen: 0.386 ng/u1
RT: 17.110 min Scan# 3868
Delta R.T. -0.003 min
Lab File: BM031414.D
Acq: 03 Aug 2021 16:39



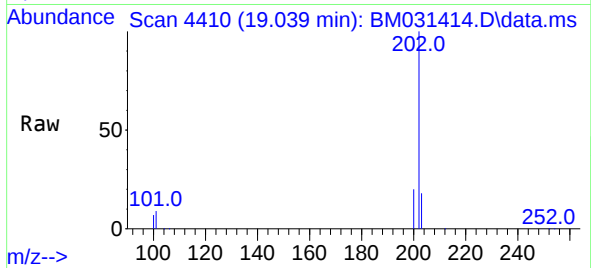
Tgt Ion:178 Resp: 7753

Ion	Ratio	Lower	Upper
178	100		
179	16.9	13.0	19.6
176	19.5	15.6	23.4

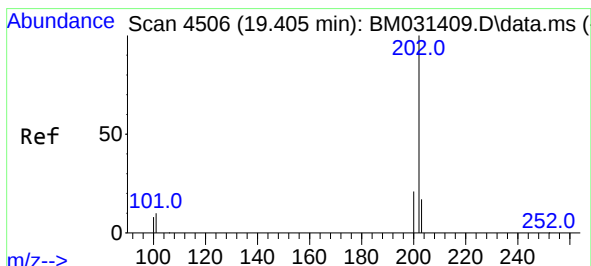
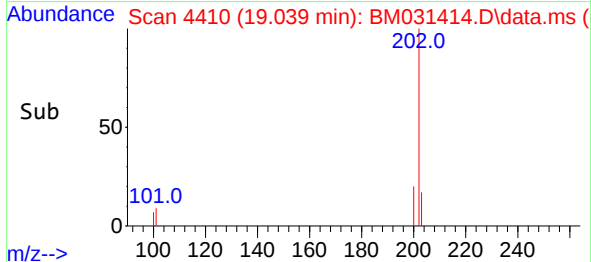
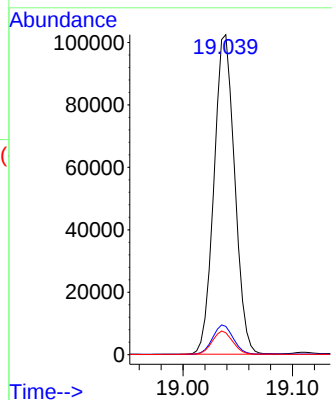




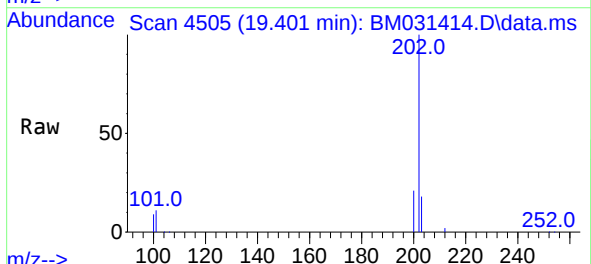
#19
Fluoranthene
Concen: 5.895 ng/u1
RT: 19.039 min Scan# 4410
Delta R.T. -0.003 min
Lab File: BM031414.D
Acq: 03 Aug 2021 16:39



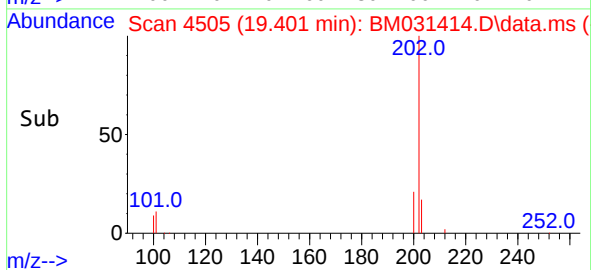
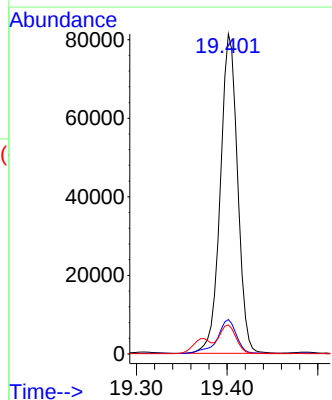
Tgt Ion:202 Resp: 134379
Ion Ratio Lower Upper
202 100
101 8.8 6.6 10.0
100 6.8 5.4 8.0



#20
Pyrene
Concen: 4.653 ng/u1
RT: 19.401 min Scan# 4505
Delta R.T. -0.003 min
Lab File: BM031414.D
Acq: 03 Aug 2021 16:39



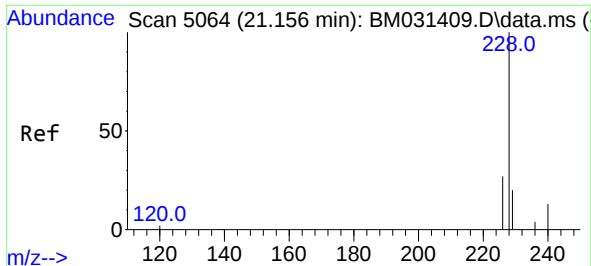
Tgt Ion:202 Resp: 107564
Ion Ratio Lower Upper
202 100
101 10.7 7.8 11.6
100 9.0 6.6 10.0



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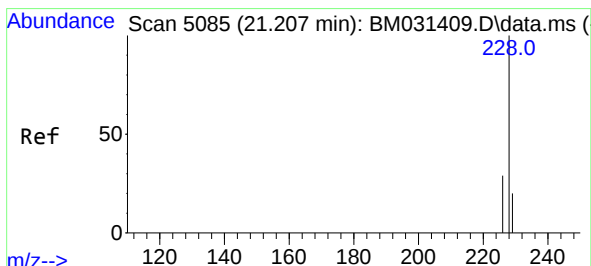
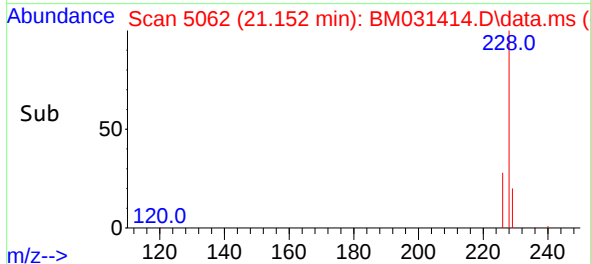
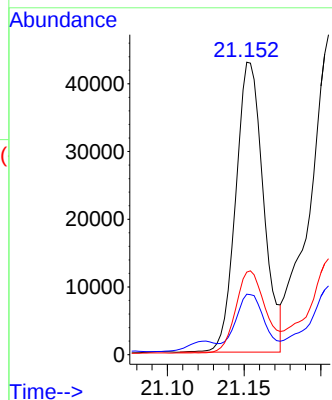
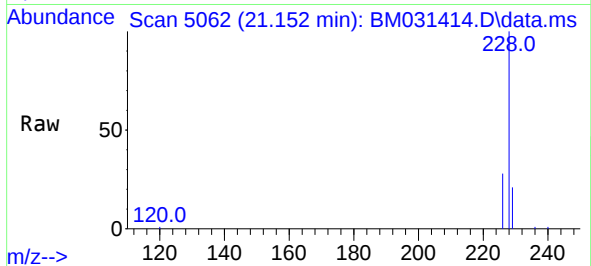
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Benzo(a)anthracene
Concen: 2.489 ng/ul
RT: 21.152 min Scan# 5062
Delta R.T. -0.004 min
Lab File: BM031414.D
Acq: 03 Aug 2021 16:39

Tgt Ion:228	Resp:	53645
Ion Ratio	Lower	Upper
228	100	
229	20.7	15.6 23.4
226	28.2	21.7 32.5

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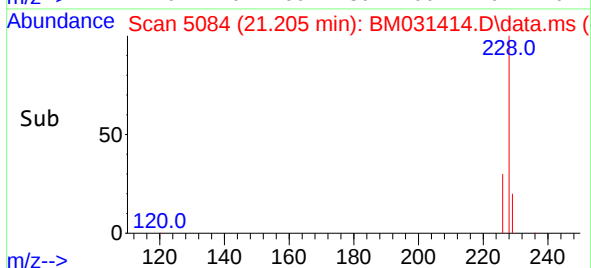
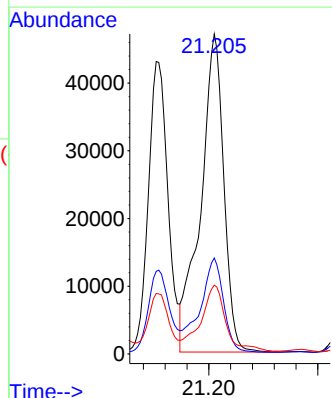
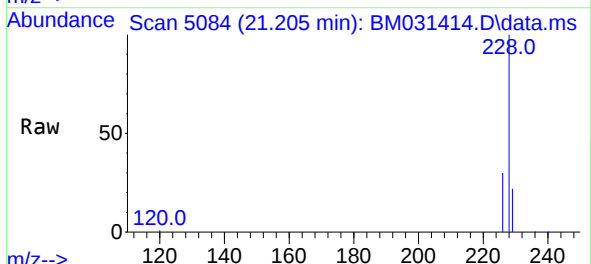
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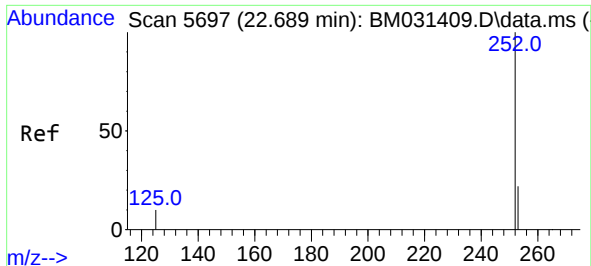
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#22
Chrysene
Concen: 3.100 ng/ul
RT: 21.205 min Scan# 5084
Delta R.T. -0.002 min
Lab File: BM031414.D
Acq: 03 Aug 2021 16:39

Tgt Ion:228	Resp:	69130
Ion Ratio	Lower	Upper
228	100	
226	30.0	24.7 37.1
229	21.5	16.2 24.2





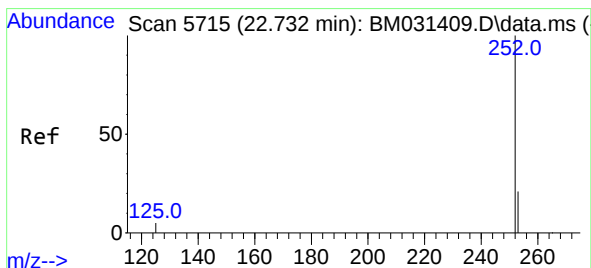
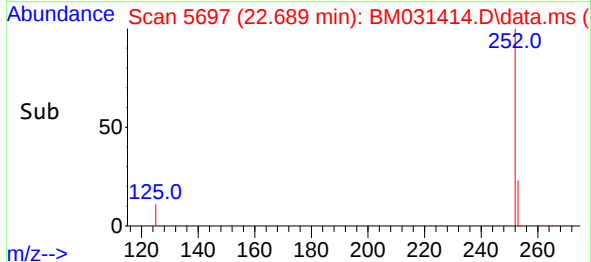
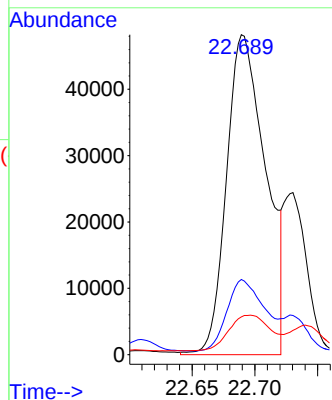
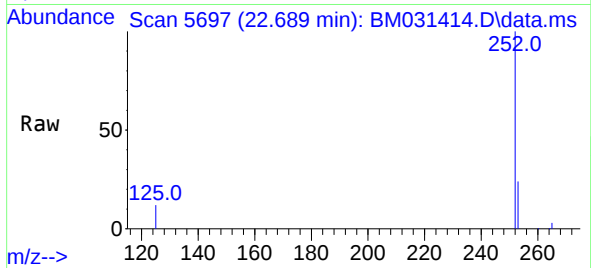
#24
Benzo(b)fluoranthene
Concen: 4.491 ng/ul m
RT: 22.689 min Scan# 5697
Delta R.T. 0.001 min
Lab File: BM031414.D
Acq: 03 Aug 2021 16:39

Tgt Ion:252 Resp: 104750
Ion Ratio Lower Upper
252 100
253 23.5 0.0 53.0
125 11.8 0.0 22.8

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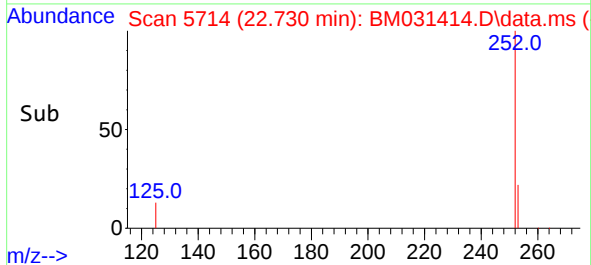
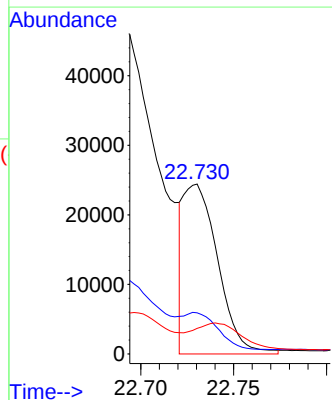
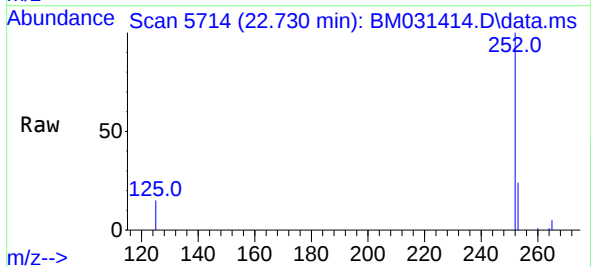
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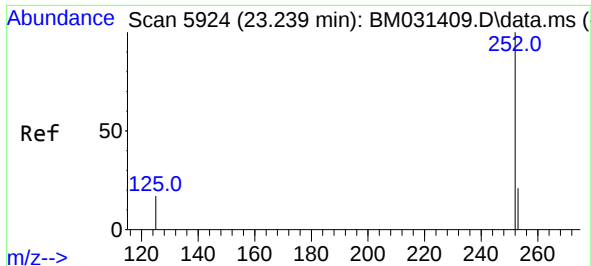
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#25
Benzo(k)fluoranthene
Concen: 1.305 ng/ul m
RT: 22.730 min Scan# 5714
Delta R.T. -0.002 min
Lab File: BM031414.D
Acq: 03 Aug 2021 16:39

Tgt Ion:252 Resp: 31455
Ion Ratio Lower Upper
252 100
253 24.2 21.3 31.9
125 15.0 8.8 13.2#





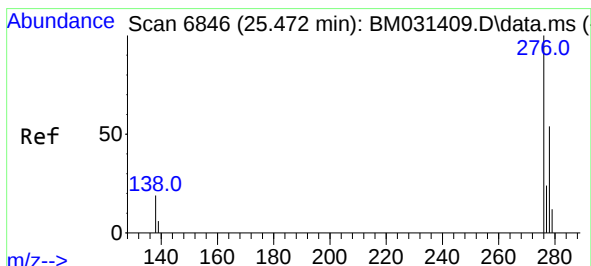
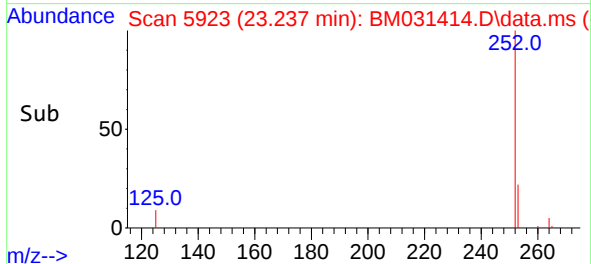
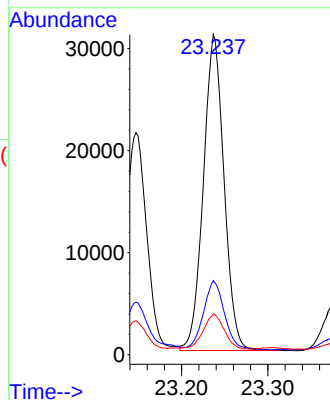
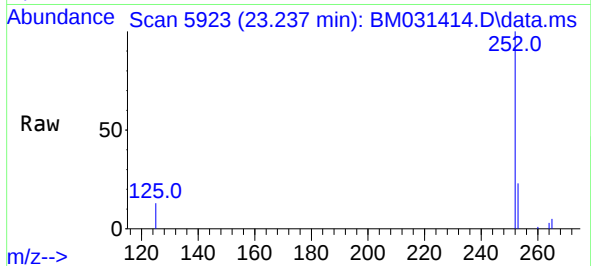
#26
Benzo(a)pyrene
Concen: 2.525 ng/ul
RT: 23.237 min Scan# 5923
Delta R.T. -0.002 min
Lab File: BM031414.D
Acq: 03 Aug 2021 16:39

Tgt Ion:	252	Resp:	51581
Ion Ratio	Lower	Upper	
252	100		
253	23.1	22.4	33.6
125	12.7	13.0	19.4#

Instrument :
BNA_M
ClientSampled :
C0078

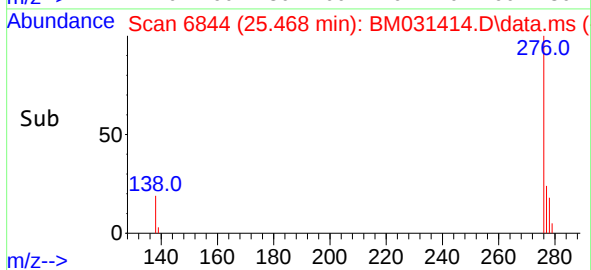
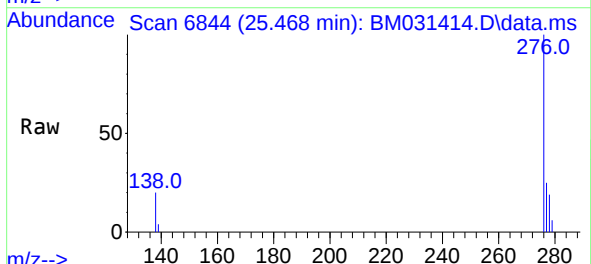
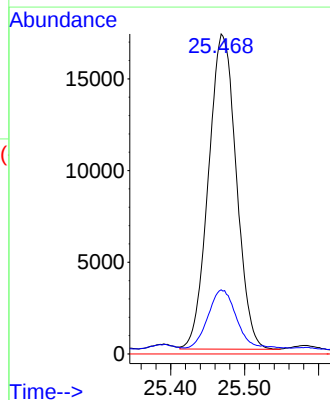
Manual Integrations
APPROVED

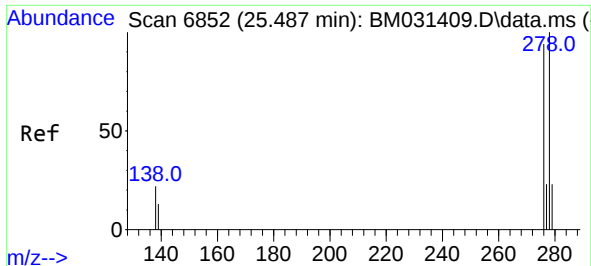
mohammad
8/4/2021 3:47:49 PM



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.704 ng/ul
RT: 25.468 min Scan# 6844
Delta R.T. -0.004 min
Lab File: BM031414.D
Acq: 03 Aug 2021 16:39

Tgt Ion:	276	Resp:	45000
Ion Ratio	Lower	Upper	
276	100		
138	20.2	15.8	23.8
227	0.0	0.0	0.0





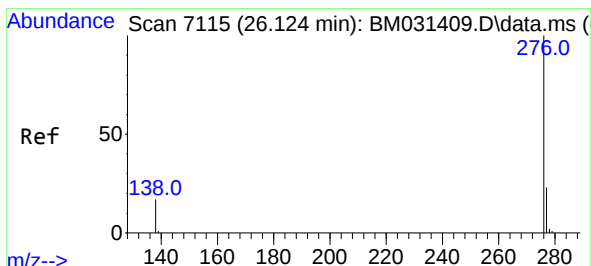
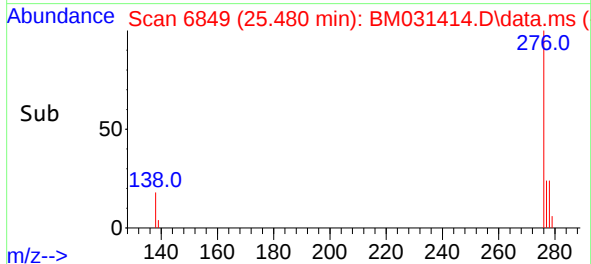
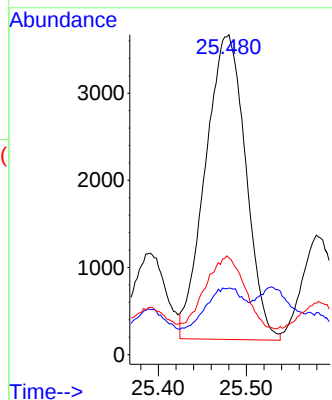
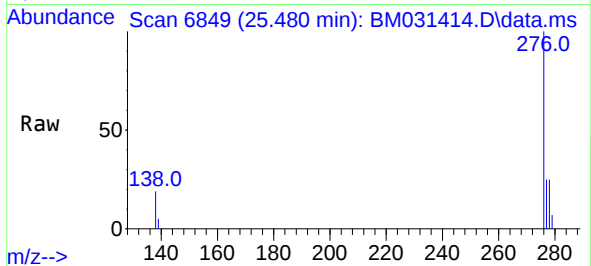
#28
Dibenzo(a,h)anthracene
Concen: 0.523 ng/ul
RT: 25.480 min Scan# 6849
Delta R.T. -0.007 min
Lab File: BM031414.D
Acq: 03 Aug 2021 16:39

Tgt Ion: 278 Resp: 11123
Ion Ratio Lower Upper
278 100
139 20.8 13.3 19.9#
279 30.2 22.8 34.2

Instrument :
BNA_M
ClientSampled :
C0078

Manual Integrations
APPROVED

mohammad
8/4/2021 3:47:49 PM



#29
Benzo(g,h,i)perylene
Concen: 0.268 ng/ul
RT: 26.122 min Scan# 7114
Delta R.T. -0.002 min
Lab File: BM031414.D
Acq: 03 Aug 2021 16:39

Tgt Ion: 276 Resp: 6047
Ion Ratio Lower Upper
276 100
138 26.5 15.4 23.2#
277 29.0 19.9 29.9

