

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080221\
 Data File : BM031416.D
 Acq On : 03 Aug 2021 17:53
 Operator : CG/JU
 Sample : M3122-04
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGEN7

Manual Integrations
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Quant Time: Aug 04 02:37:10 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	1639	0.400	ng/ul	0.00
4) Naphthalene-d8	10.356	136	6404	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.227	164	3856	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.978	188	7328	0.400	ng/ul	0.00
17) Chrysene-d12	21.168	240	5747	0.400	ng/ul	0.00
23) Perylene-d12	23.331	264	5510	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.192	96	4090	2.247	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.953	152	1641	0.152	ng/ul	0.00
18) Fluoranthene-d10	19.008	212	3107	0.162	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.406	128	5557	0.291	ng/ul	99
7) 2-Methylnaphthalene	12.029	142	963	0.074	ng/ul	98
8) 1-Methylnaphthalene	12.250	142	757	0.059	ng/ul	98
10) Acenaphthylene	13.950	152	1867	0.114	ng/ul	97
11) Acenaphthene	14.292	153	687	0.050	ng/ul	93
12) Fluorene	15.281	166	1179	0.074	ng/ul#	94
15) Phenanthrene	17.016	178	12135	0.521	ng/ul	99
16) Anthracene	17.107	178	6236	0.286	ng/ul	98
19) Fluoranthene	19.039	202	44546	1.815	ng/ul	98
20) Pyrene	19.401	202	13645	0.548	ng/ul#	95
21) Benzo(a)anthracene	21.154	228	28224	1.216	ng/ul	94
22) Chrysene	21.205	228	21558	0.898	ng/ul	96
24) Benzo(b)fluoranthene	22.689	252	25954m	1.045	ng/ul	
25) Benzo(k)fluoranthene	22.728	252	11672m	0.455	ng/ul	
26) Benzo(a)pyrene	23.234	252	3639	0.167	ng/ul#	66
27) Indeno(1,2,3-cd)pyrene	25.468	276	3817	0.136	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.478	278	3459	0.153	ng/ul#	76

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

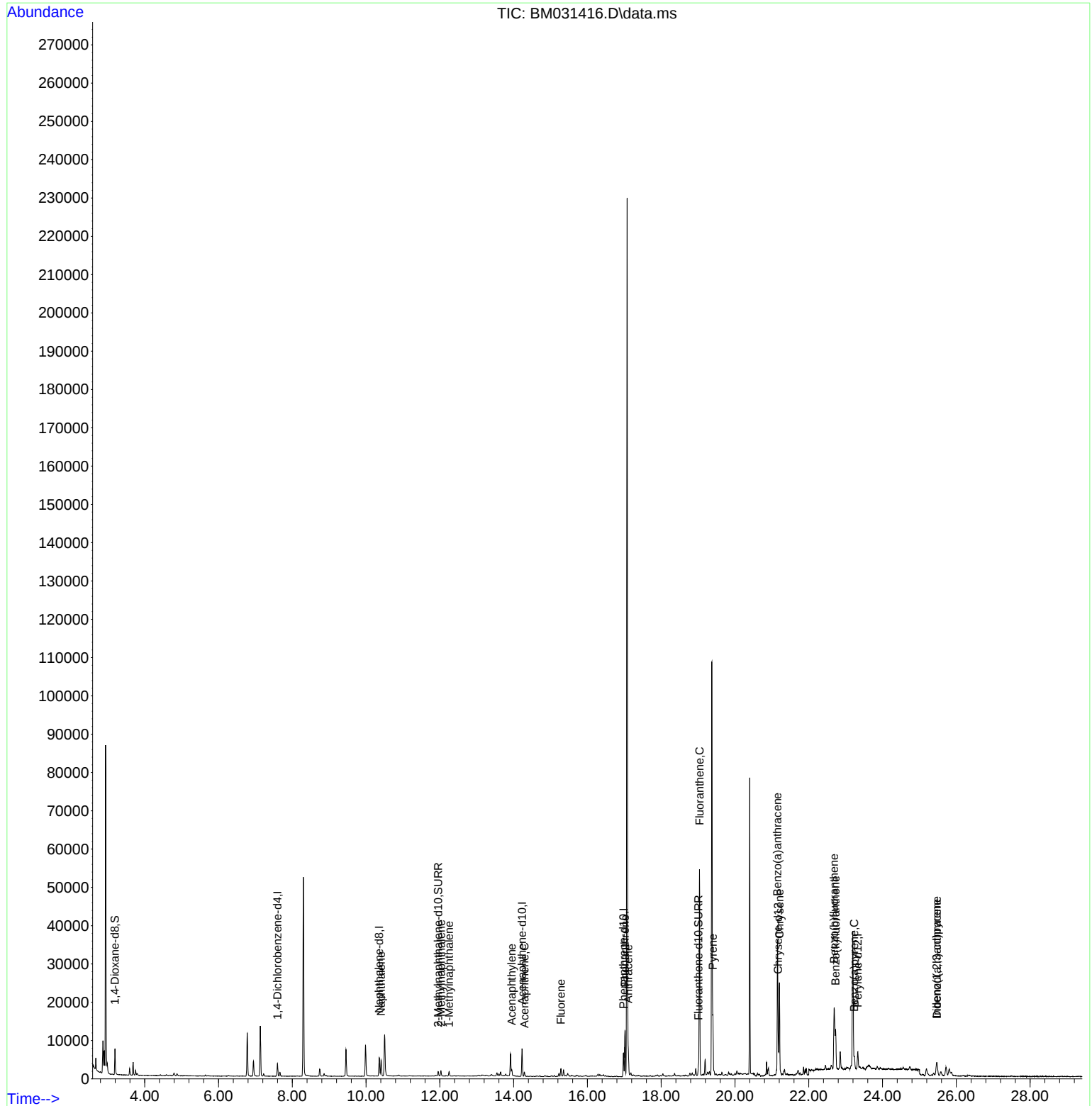
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080221\
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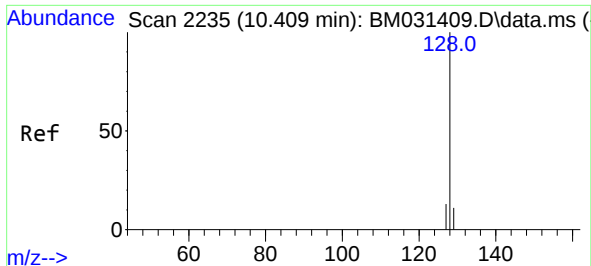
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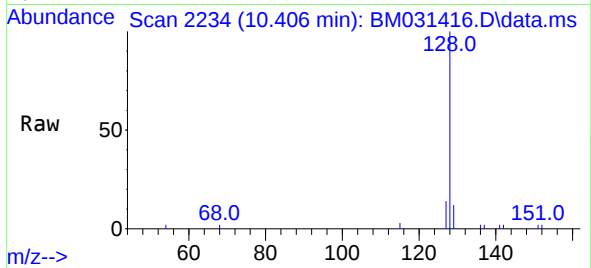
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Quant Time: Aug 04 02:37:10 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 03 13:47:07 2021
Response via : Initial Calibration

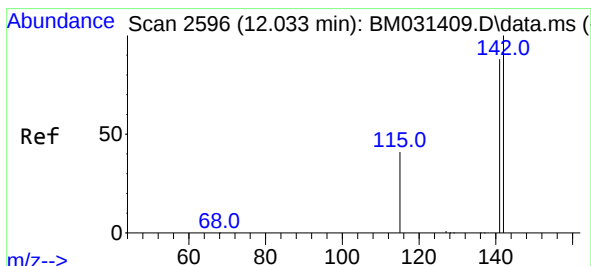
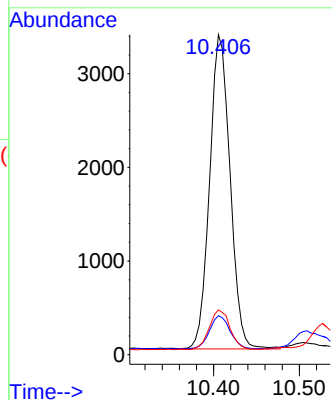
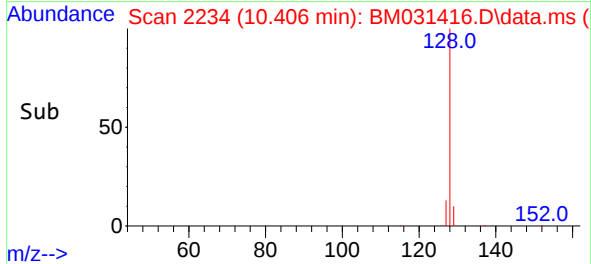




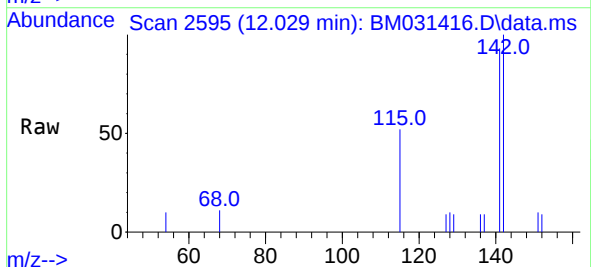
#5
Naphthalene
Concen: 0.291 ng/ul
RT: 10.406 min Scan# 2234
Delta R.T. -0.003 min
Lab File: BM031416.D
Acq: 03 Aug 2021 17:53



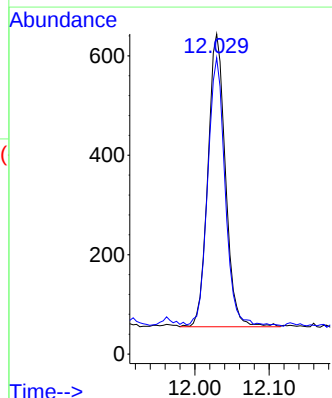
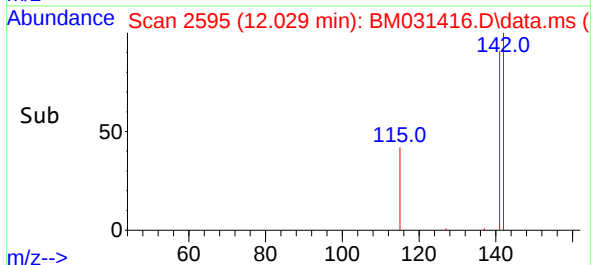
Tgt Ion:128 Resp: 5557
Ion Ratio Lower Upper
128 100
129 12.2 10.0 15.0
127 14.0 11.6 17.4



#7
2-Methylnaphthalene
Concen: 0.074 ng/ul
RT: 12.029 min Scan# 2595
Delta R.T. -0.003 min
Lab File: BM031416.D
Acq: 03 Aug 2021 17:53



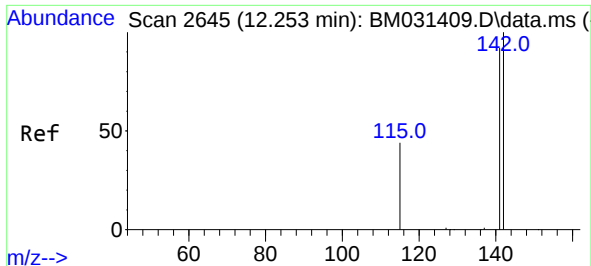
Tgt Ion:142 Resp: 963
Ion Ratio Lower Upper
142 100
141 91.3 71.4 107.0



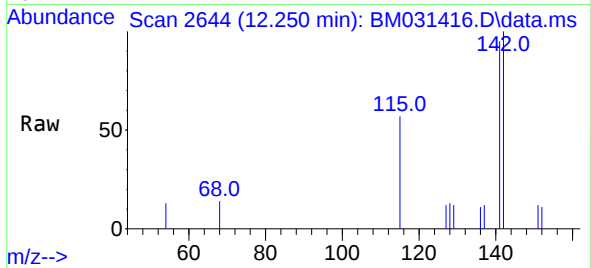
Instrument :
BNA_M
ClientSampleId :
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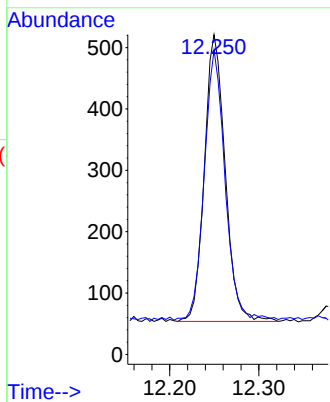
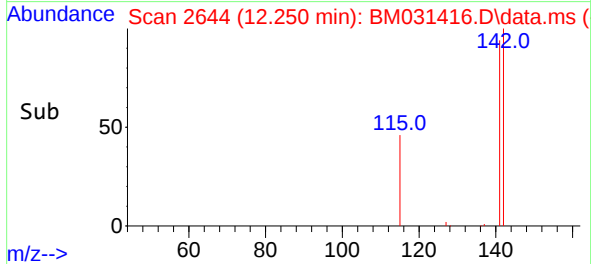
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#8
1-Methylnaphthalene
Concen: 0.059 ng/ul
RT: 12.250 min Scan# 2644
Delta R.T. -0.003 min
Lab File: BM031416.D
Acq: 03 Aug 2021 17:53



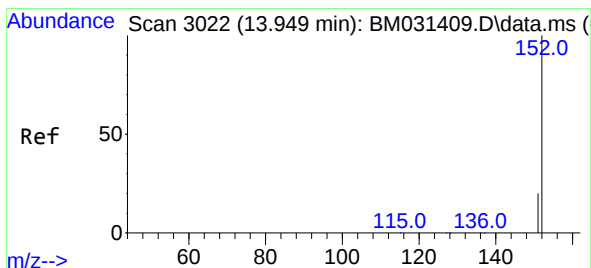
Tgt Ion:142 Resp: 757
Ion Ratio Lower Upper
142 100
141 94.2 74.1 111.1



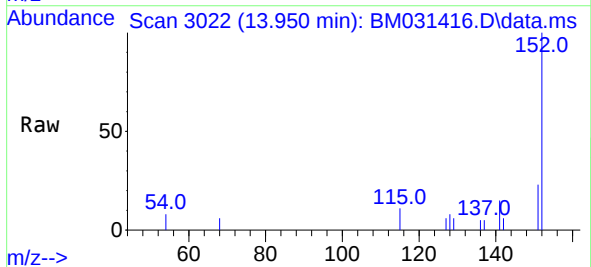
Instrument :
BNA_M
ClientSampled :
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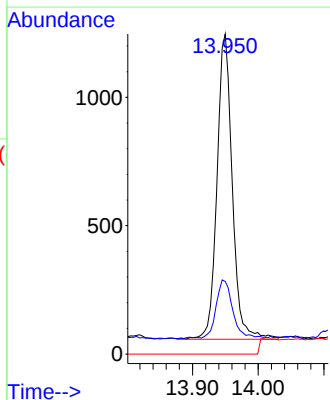
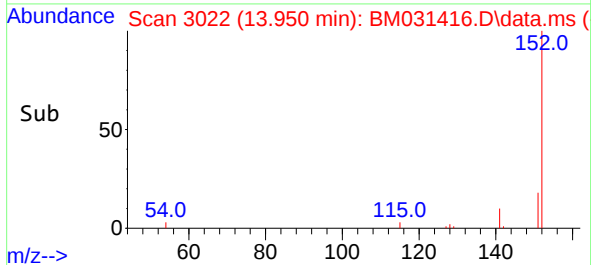
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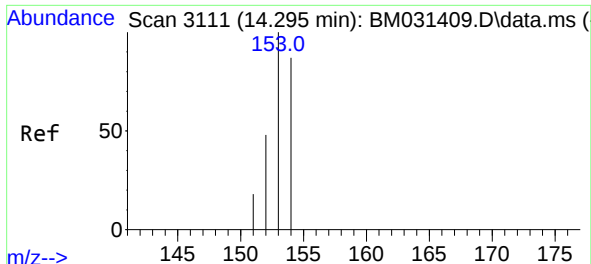


#10
Acenaphthylene
Concen: 0.114 ng/ul
RT: 13.950 min Scan# 3022
Delta R.T. 0.001 min
Lab File: BM031416.D
Acq: 03 Aug 2021 17:53

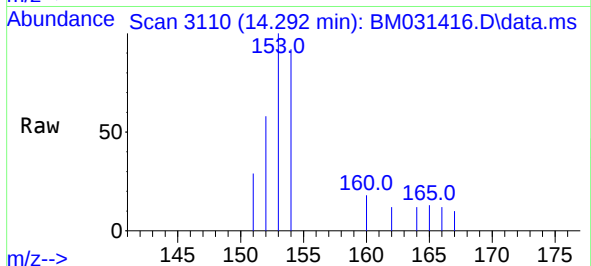


Tgt Ion:152 Resp: 1867
Ion Ratio Lower Upper
152 100
151 22.7 16.9 25.3
153 0.0 0.0 0.0

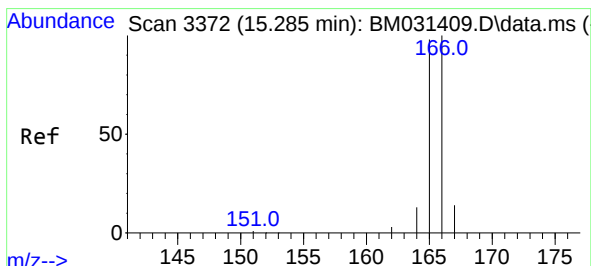
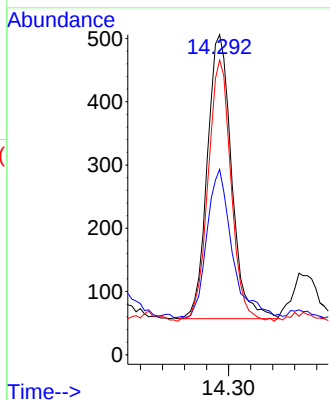
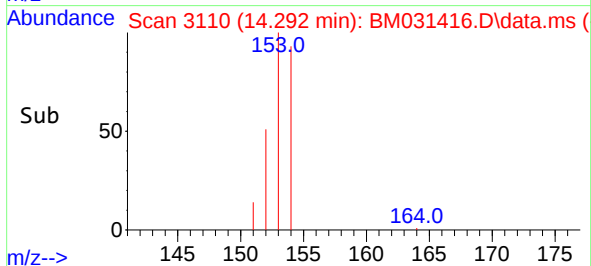




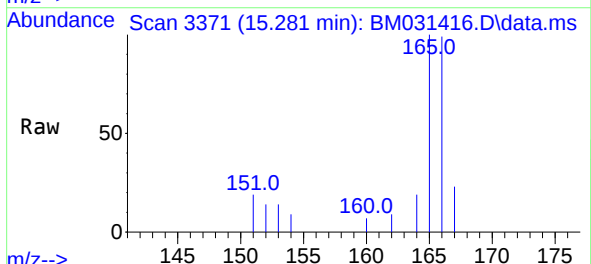
#11
Acenaphthene
Concen: 0.050 ng/ul
RT: 14.292 min Scan# 3110
Delta R.T. -0.003 min
Lab File: BM031416.D
Acq: 03 Aug 2021 17:53



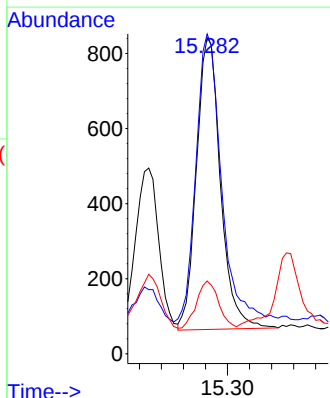
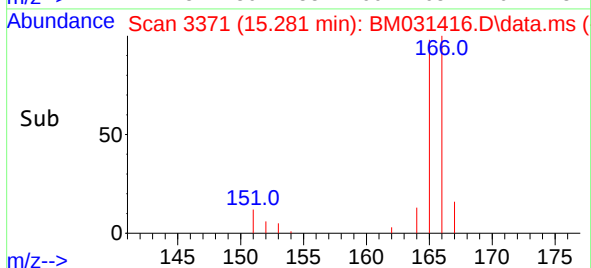
Tgt Ion:153 Resp: 687
Ion Ratio Lower Upper
153 100
152 57.9 40.7 61.1
154 92.1 70.2 105.2



#12
Fluorene
Concen: 0.074 ng/ul
RT: 15.281 min Scan# 3371
Delta R.T. -0.003 min
Lab File: BM031416.D
Acq: 03 Aug 2021 17:53



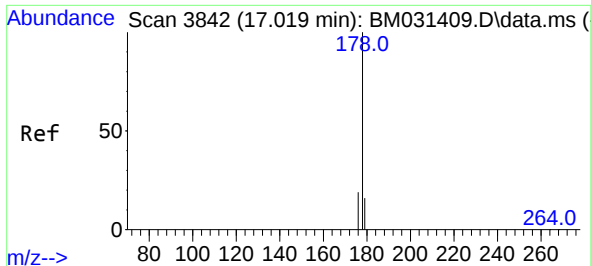
Tgt Ion:166 Resp: 1179
Ion Ratio Lower Upper
166 100
165 101.2 78.0 117.0
167 23.0 12.0 18.0#



Instrument :
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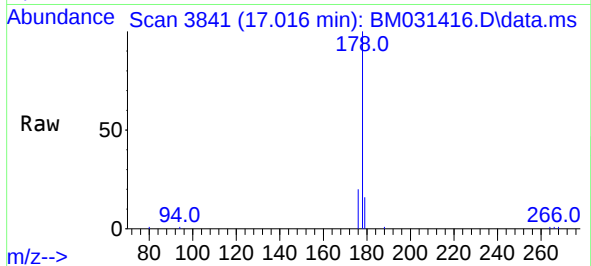
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#15
Phenanthrene
Concen: 0.521 ng/u1
RT: 17.016 min Scan# 3841
Delta R.T. -0.003 min
Lab File: BM031416.D
Acq: 03 Aug 2021 17:53

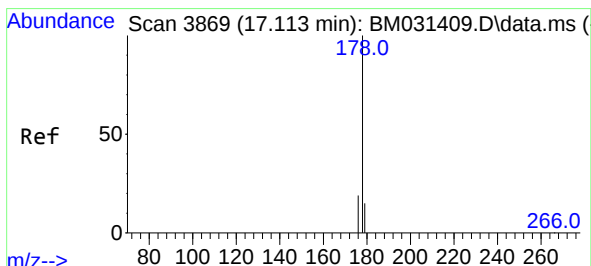
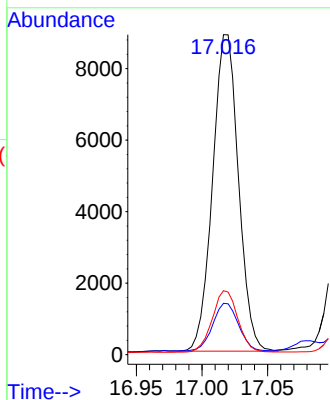
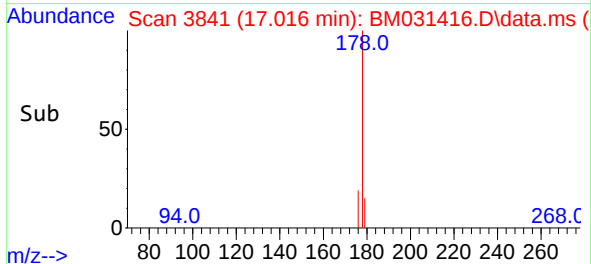
Instrument :
BNA_M
ClientSampled :
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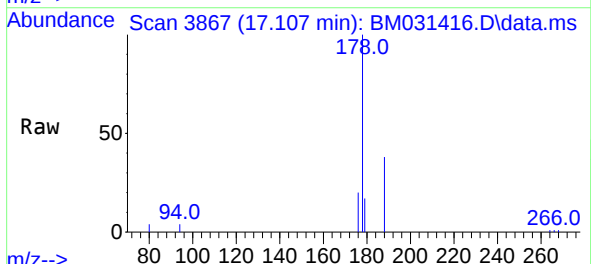
Tgt Ion:178 Resp: 12135
Ion Ratio Lower Upper
178 100
179 16.0 13.3 19.9
176 20.0 16.2 24.4

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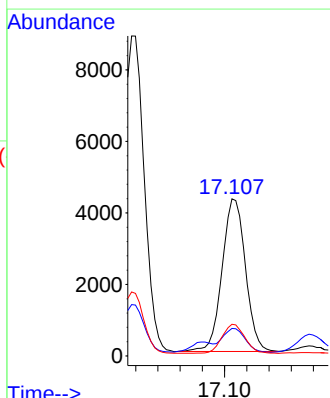
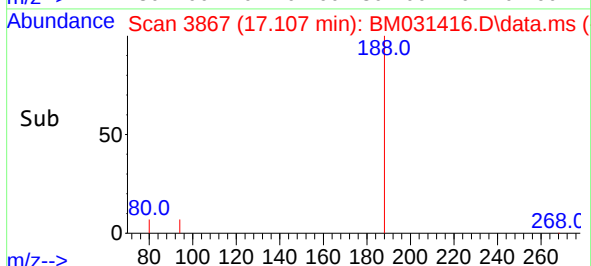
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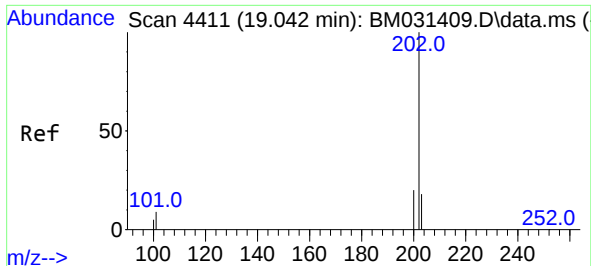


#16
Anthracene
Concen: 0.286 ng/u1
RT: 17.107 min Scan# 3867
Delta R.T. -0.007 min
Lab File: BM031416.D
Acq: 03 Aug 2021 17:53

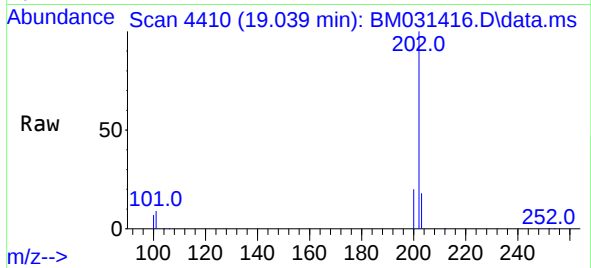


Tgt Ion:178 Resp: 6236
Ion Ratio Lower Upper
178 100
179 17.5 13.0 19.6
176 20.2 15.6 23.4

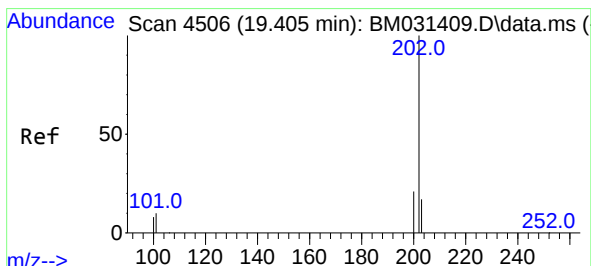
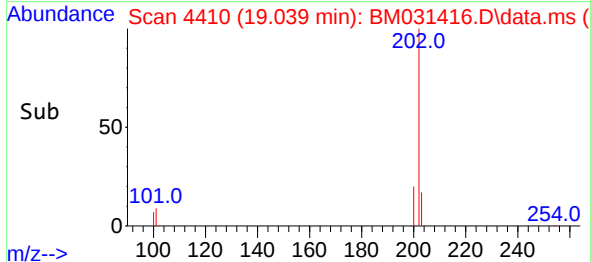
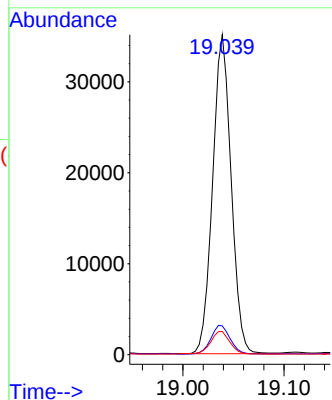




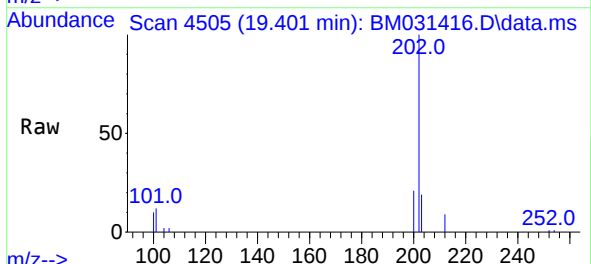
#19
Fluoranthene
Concen: 1.815 ng/ul
RT: 19.039 min Scan# 4410
Delta R.T. -0.003 min
Lab File: BM031416.D
Acq: 03 Aug 2021 17:53



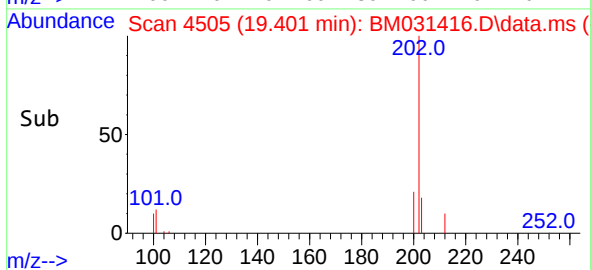
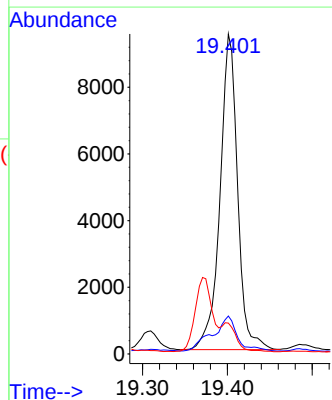
Tgt Ion:202 Resp: 44546
Ion Ratio Lower Upper
202 100
101 9.0 6.6 10.0
100 7.3 5.4 8.0



#20
Pyrene
Concen: 0.548 ng/ul
RT: 19.401 min Scan# 4505
Delta R.T. -0.003 min
Lab File: BM031416.D
Acq: 03 Aug 2021 17:53



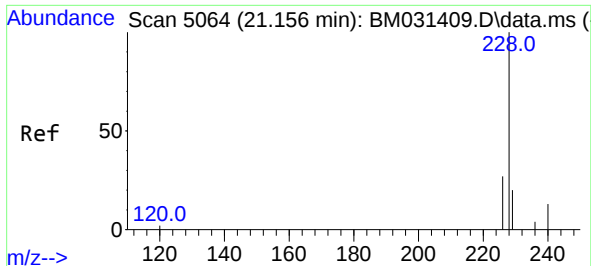
Tgt Ion:202 Resp: 13645
Ion Ratio Lower Upper
202 100
101 11.9 7.8 11.6#
100 9.6 6.6 10.0



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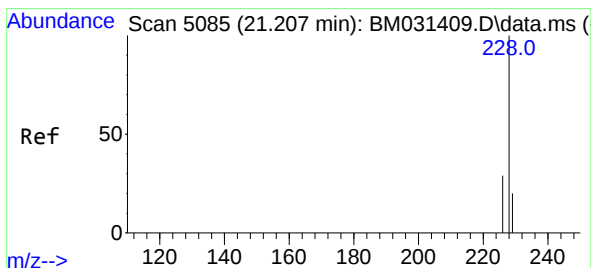
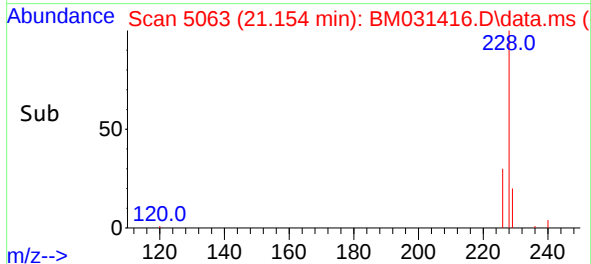
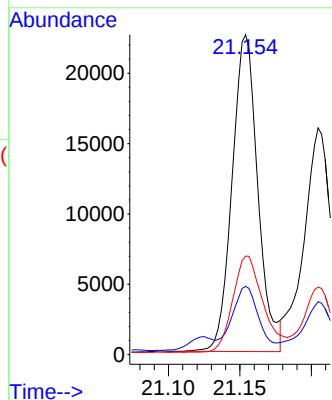
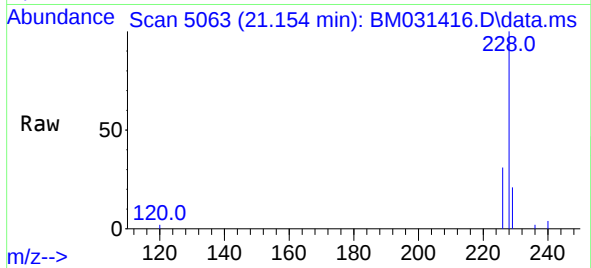
#21
Benzo(a)anthracene
Concen: 1.216 ng/ul
RT: 21.154 min Scan# 5063
Delta R.T. -0.002 min
Lab File: BM031416.D
Acq: 03 Aug 2021 17:53

Tgt Ion:	228	Resp:	28224
Ion Ratio	Lower	Upper	
228	100		
229	21.3	15.6	23.4
226	30.8	21.7	32.5

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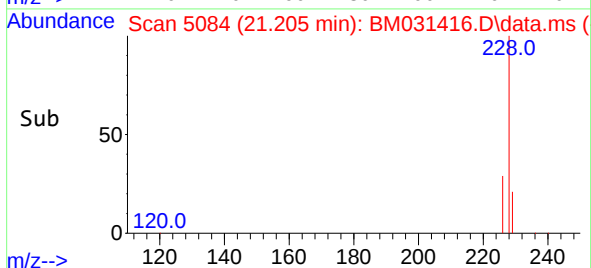
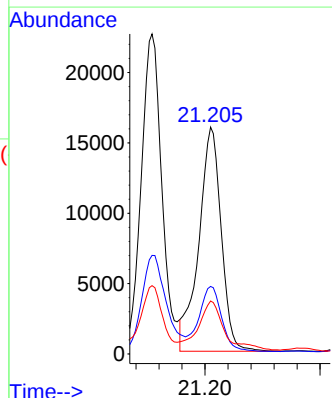
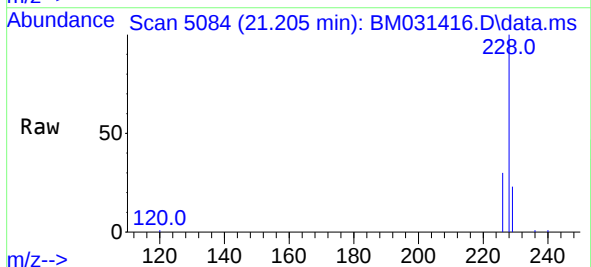
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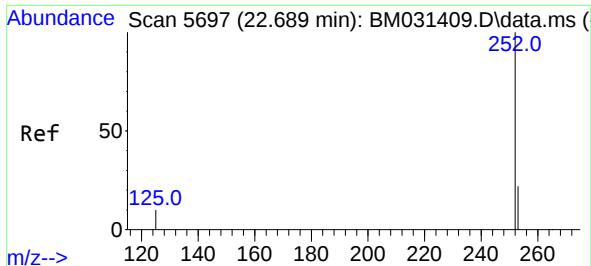
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#22
Chrysene
Concen: 0.898 ng/ul
RT: 21.205 min Scan# 5084
Delta R.T. -0.002 min
Lab File: BM031416.D
Acq: 03 Aug 2021 17:53

Tgt Ion:	228	Resp:	21558
Ion Ratio	Lower	Upper	
228	100		
226	29.7	24.7	37.1
229	23.4	16.2	24.2





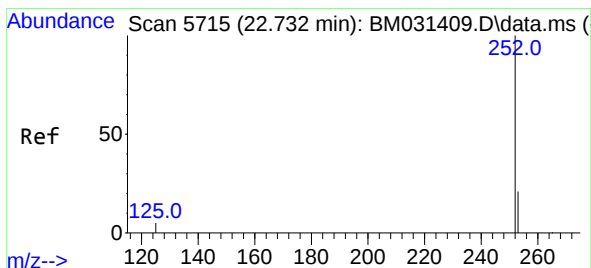
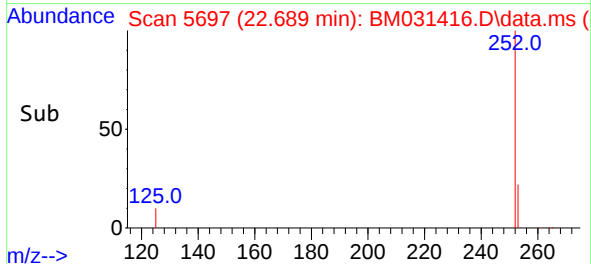
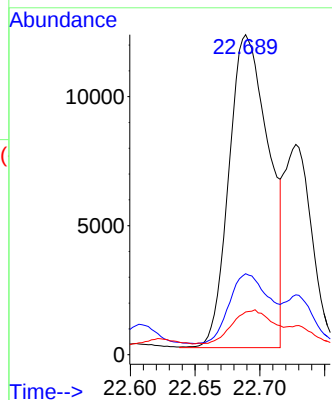
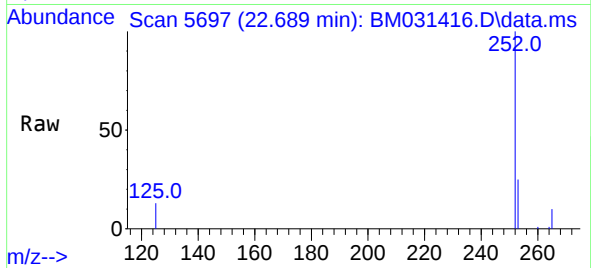
#24
Benzo(b)fluoranthene
Concen: 1.045 ng/ul m
RT: 22.689 min Scan# 5697
Delta R.T. 0.000 min
Lab File: BM031416.D
Acq: 03 Aug 2021 17:53

Tgt Ion:	252	Resp:	25954
Ion Ratio	Lower	Upper	
252	100		
253	25.3	0.0	53.0
125	13.4	0.0	22.8

Instrument :
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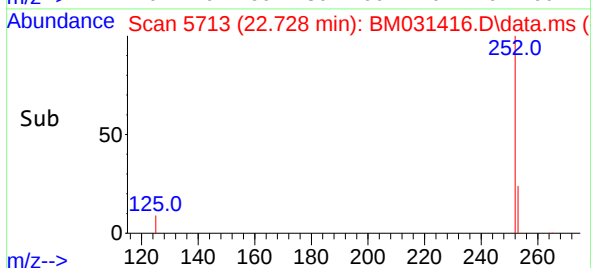
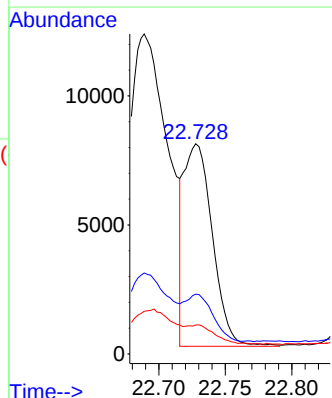
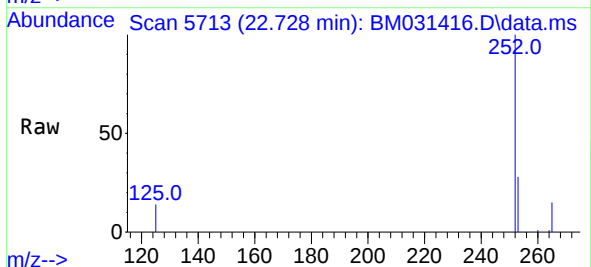
Manual Integrations
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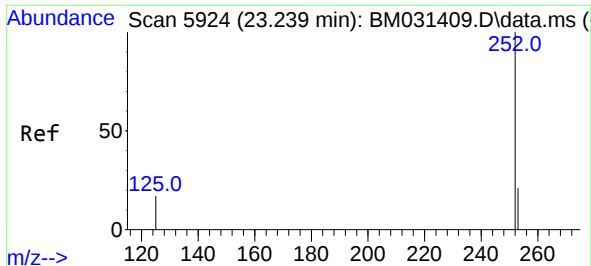
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#25
Benzo(k)fluoranthene
Concen: 0.455 ng/ul m
RT: 22.728 min Scan# 5713
Delta R.T. -0.004 min
Lab File: BM031416.D
Acq: 03 Aug 2021 17:53

Tgt Ion:	252	Resp:	11672
Ion Ratio	Lower	Upper	
252	100		
253	28.4	21.3	31.9
125	13.8	8.8	13.2





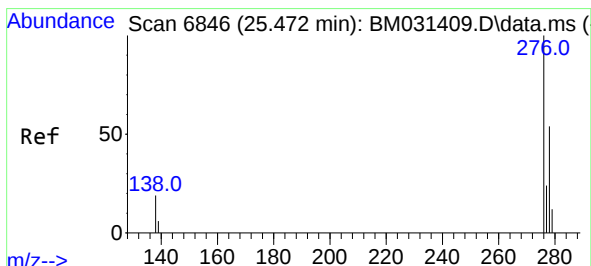
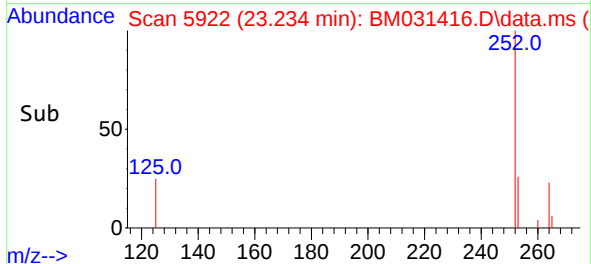
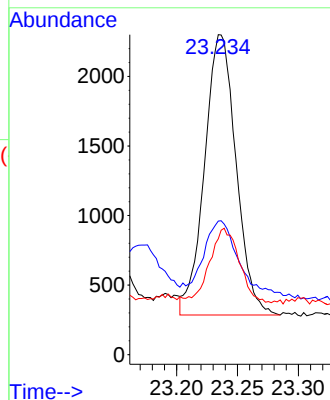
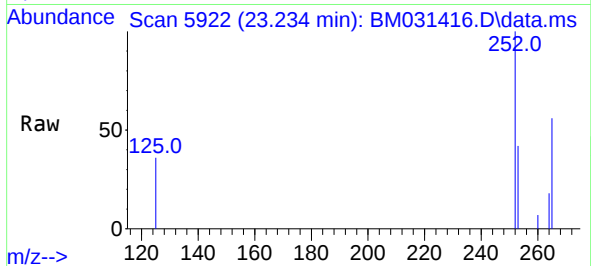
#26
Benzo(a)pyrene
Concen: 0.167 ng/ul
RT: 23.234 min Scan# 5922
Delta R.T. -0.004 min
Lab File: BM031416.D
Acq: 03 Aug 2021 17:53

Tgt Ion:	252	Resp:	3639
Ion Ratio	Lower	Upper	
252	100		
253	41.7	22.4	33.6#
125	36.2	13.0	19.4#

Instrument :
BNA_M
ClientSampleId :
BGEN7

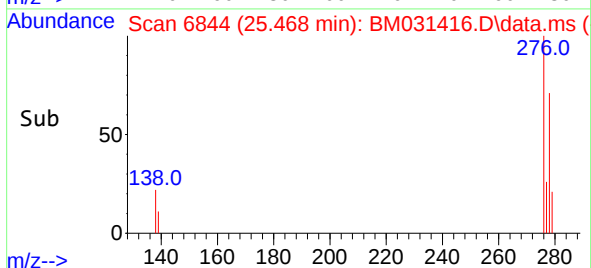
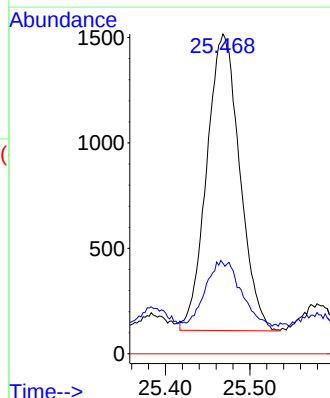
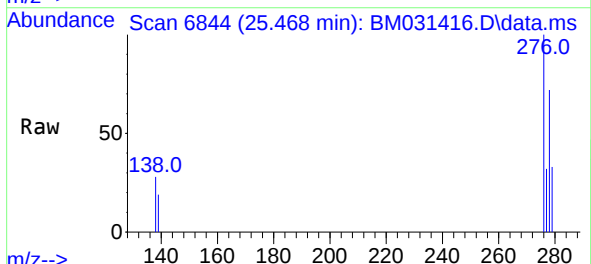
Manual Integrations
APPROVED

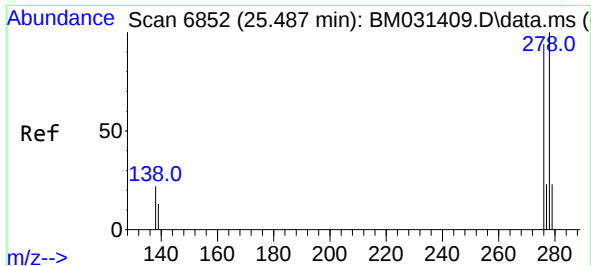
mohammad
8/4/2021 3:47:57 PM



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.136 ng/ul
RT: 25.468 min Scan# 6844
Delta R.T. -0.004 min
Lab File: BM031416.D
Acq: 03 Aug 2021 17:53

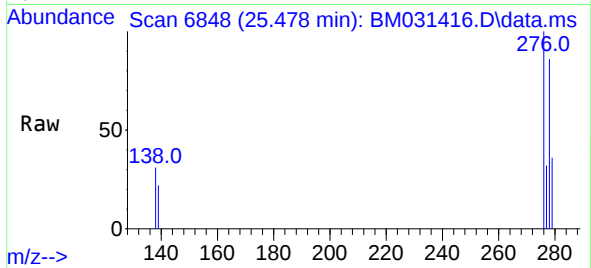
Tgt Ion:	276	Resp:	3817
Ion Ratio	Lower	Upper	
276	100		
138	23.5	15.8	23.8
227	0.0	0.0	0.0





#28
 Dibenzo(a,h)anthracene
 Concen: 0.153 ng/ul
 RT: 25.478 min Scan# 6848
 Delta R.T. -0.009 min
 Lab File: BM031416.D
 Acq: 03 Aug 2021 17:53

Instrument :
 BNA_M
 ClientSampleId :
 BGEN7



Tgt Ion:278 Resp: 3459
 Ion Ratio Lower Upper
 278 100
 139 25.7 13.3 19.9#
 279 42.0 22.8 34.2#

Manual Integrations
 APPROVED

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