

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080221\
 Data File : BM031415.D
 Acq On : 03 Aug 2021 17:16
 Operator : CG/JU
 Sample : M3123-17DL 5X
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0078DL

Manual Integrations
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Quant Time: Aug 03 18:00:23 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	7.601	152	1878	0.400	ng/ul	0.00
4) Naphthalene-d8	10.361	136	7213	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.228	164	4066	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.978	188	7784	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.169	240	5970	0.400	ng/ul	0.00
23) Perylene-d12	23.331	264	5814	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.200	96	606	0.291	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.953	152	238	0.020	ng/ul	0.00
18) Fluoranthene-d10	19.009	212	465	0.023	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.406	128	1402	0.065	ng/ul#	89
7) 2-Methylnaphthalene	12.029	142	1184	0.081	ng/ul	98
8) 1-Methylnaphthalene	12.250	142	719	0.050	ng/ul	100
10) Acenaphthylene	13.950	152	1235	0.071	ng/ul#	90
12) Fluorene	15.285	166	434	0.026	ng/ul#	83
15) Phenanthrene	17.016	178	10712	0.433	ng/ul	99
16) Anthracene	17.110	178	1766	0.076	ng/ul#	93
19) Fluoranthene	19.039	202	28967	1.136	ng/ul	97
20) Pyrene	19.401	202	23599	0.913	ng/ul	96
21) Benzo(a)anthracene	21.154	228	11264	0.467	ng/ul	96
22) Chrysene	21.205	228	14896	0.597	ng/ul	98
24) Benzo(b)fluoranthene	22.689	252	20576m	0.785	ng/ul	
25) Benzo(k)fluoranthene	22.728	252	7265m	0.268	ng/ul	
26) Benzo(a)pyrene	23.237	252	10912	0.476	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.468	276	9567	0.323	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.483	278	2338	0.098	ng/ul#	68
29) Benzo(g,h,i)perylene	26.125	276	1236	0.049	ng/ul#	63

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

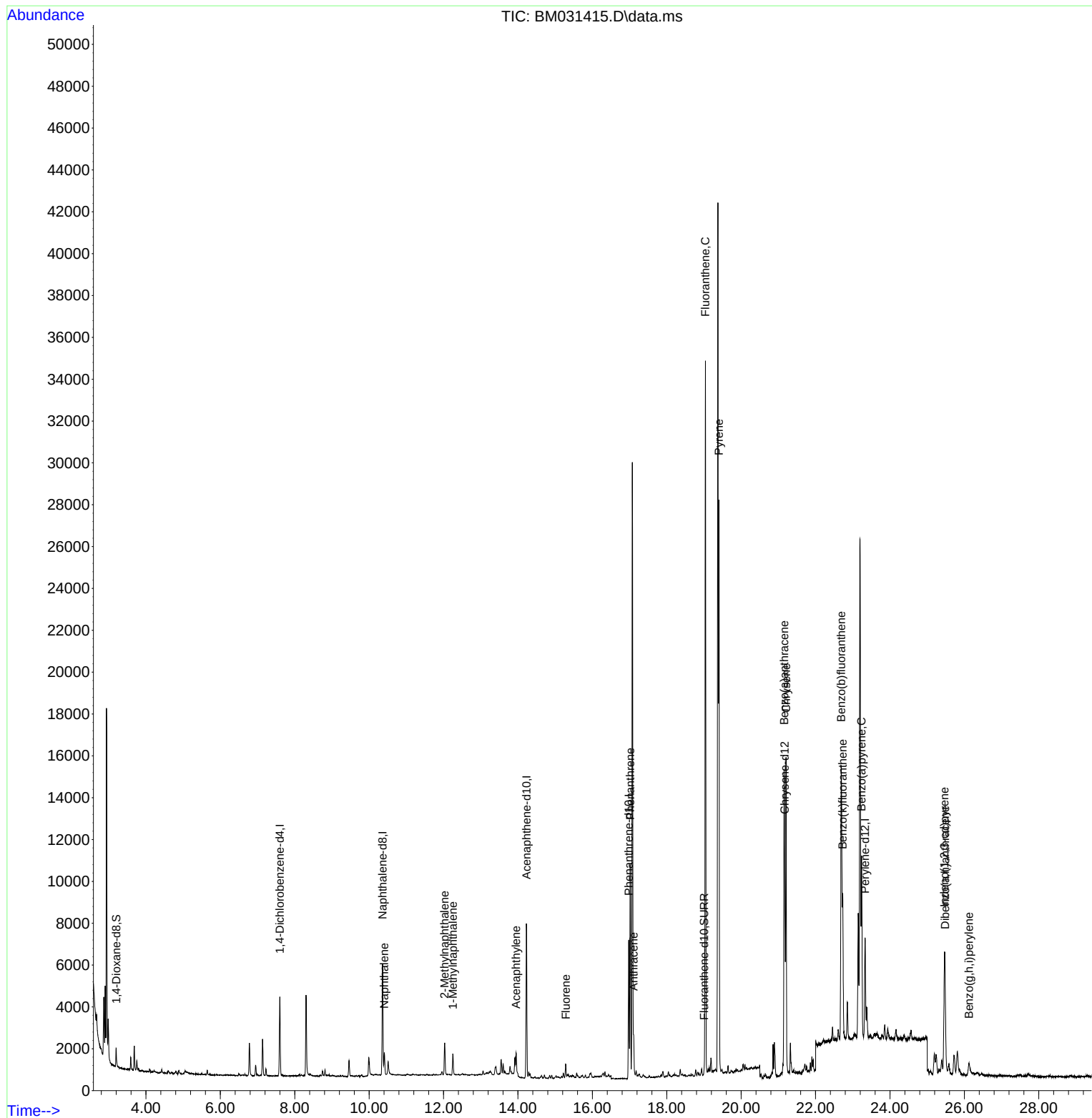
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080221\
Data File : BM031415.D
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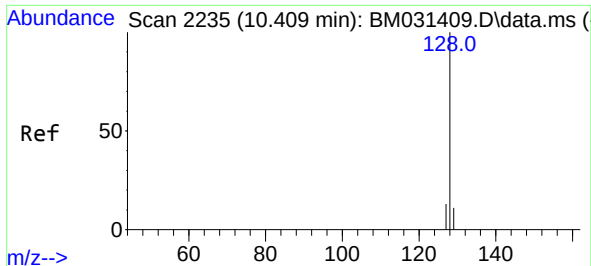
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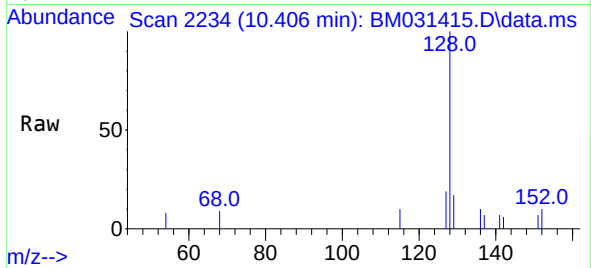
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Quant Time: Aug 03 18:00:23 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 03 13:47:07 2021
Response via : Initial Calibration

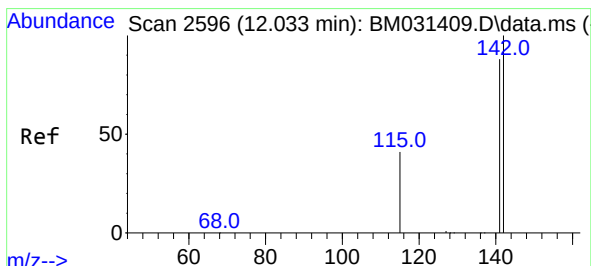
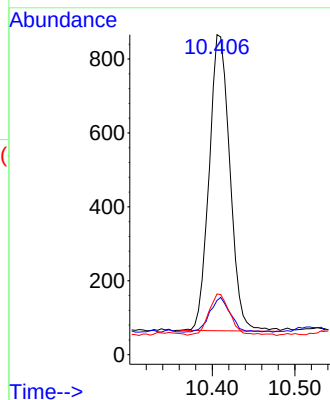
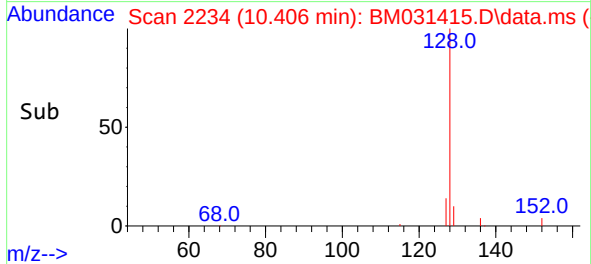




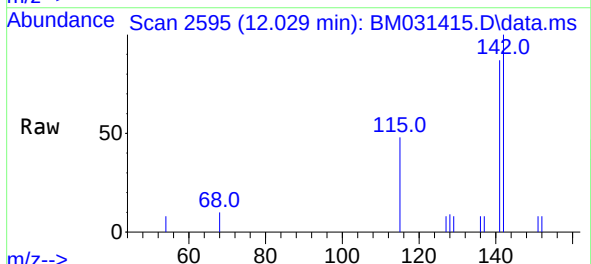
#5
Naphthalene
Concen: 0.065 ng/ul
RT: 10.406 min Scan# 2234
Delta R.T. -0.003 min
Lab File: BM031415.D
Acq: 03 Aug 2021 17:16



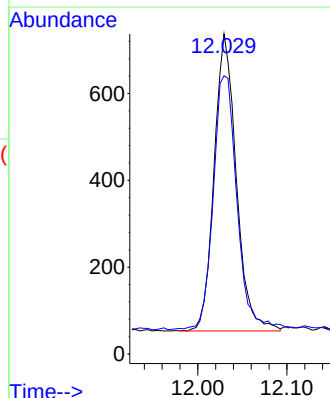
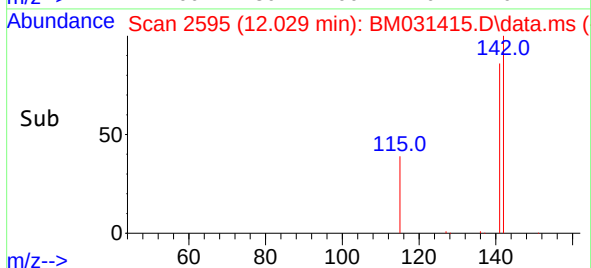
Tgt Ion:128 Resp: 1402
Ion Ratio Lower Upper
128 100
129 17.0 10.0 15.0#
127 18.9 11.6 17.4#



#7
2-Methylnaphthalene
Concen: 0.081 ng/ul
RT: 12.029 min Scan# 2595
Delta R.T. -0.003 min
Lab File: BM031415.D
Acq: 03 Aug 2021 17:16



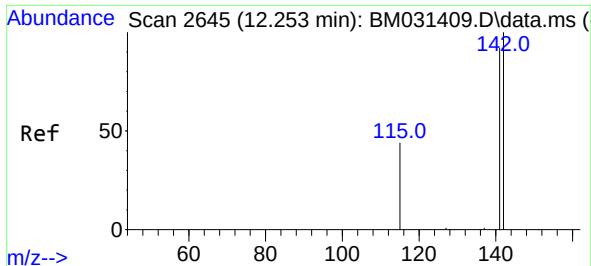
Tgt Ion:142 Resp: 1184
Ion Ratio Lower Upper
142 100
141 91.1 71.4 107.0



Instrument :
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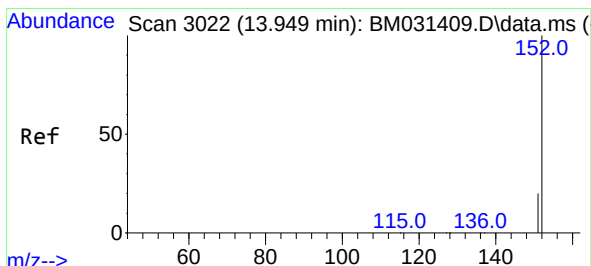
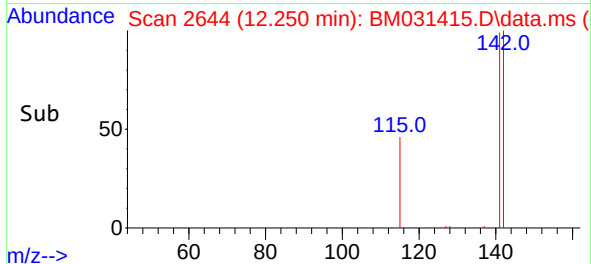
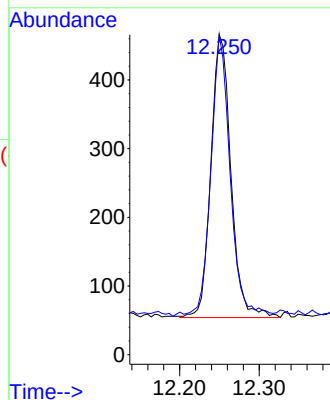
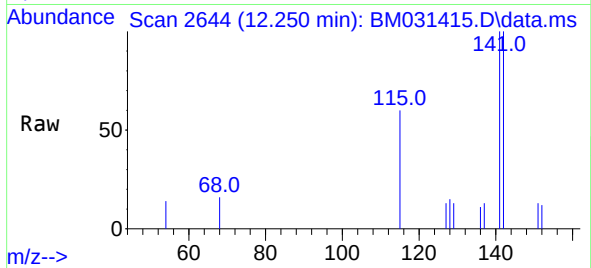
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1-Methylnaphthalene
Concen: 0.050 ng/ul
RT: 12.250 min Scan# 2644
Delta R.T. -0.003 min
Lab File: BM031415.D
Acq: 03 Aug 2021 17:16

Tgt Ion:142 Resp: 719
Ion Ratio Lower Upper
142 100
141 92.5 74.1 111.1

Instrument :
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ClientSampled :
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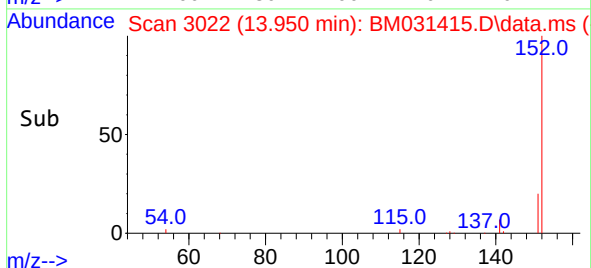
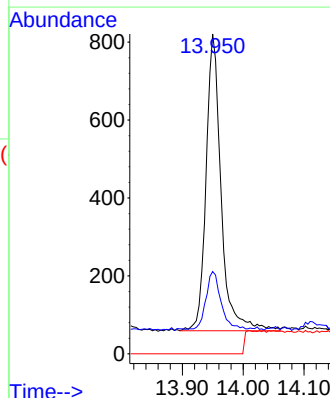
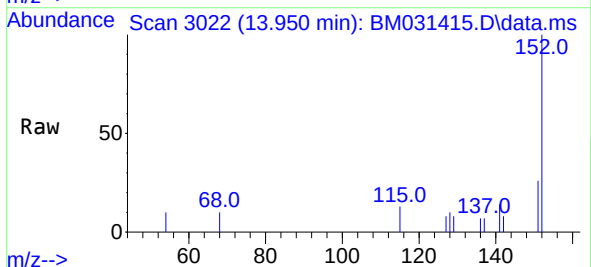
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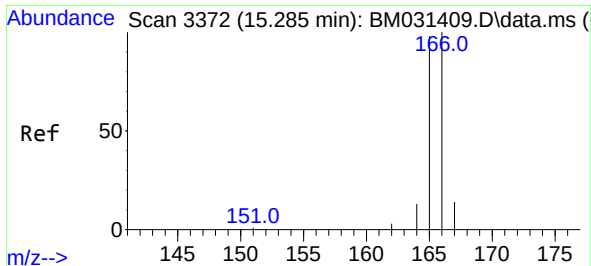
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#10
Acenaphthylene
Concen: 0.071 ng/ul
RT: 13.950 min Scan# 3022
Delta R.T. 0.001 min
Lab File: BM031415.D
Acq: 03 Aug 2021 17:16

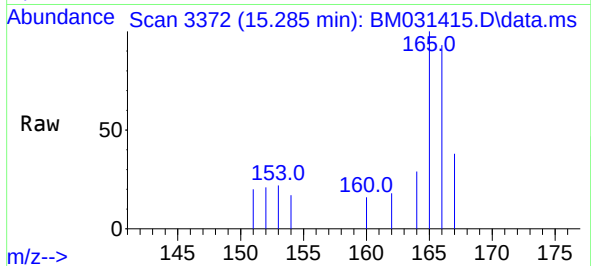
Tgt Ion:152 Resp: 1235
Ion Ratio Lower Upper
152 100
151 25.7 16.9 25.3#
153 0.0 0.0 0.0





#12
Fluorene
Concen: 0.026 ng/ul
RT: 15.285 min Scan# 3372
Delta R.T. 0.001 min
Lab File: BM031415.D
Acq: 03 Aug 2021 17:16

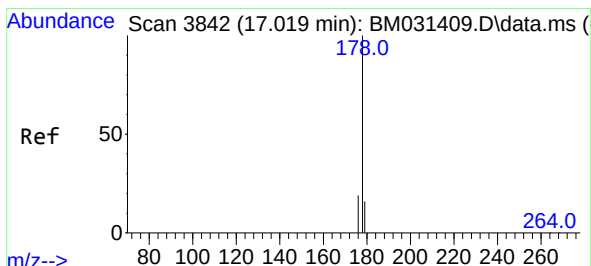
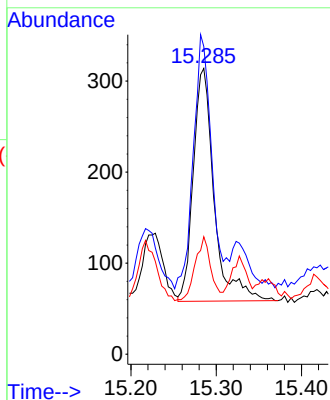
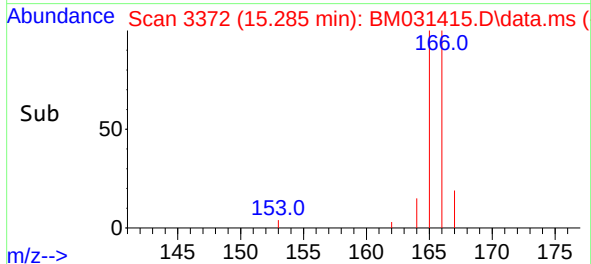
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BNA_M
ClientSampled :
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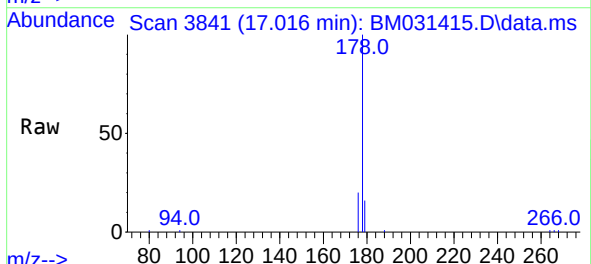
Tgt Ion:166 Resp: 434
Ion Ratio Lower Upper
166 100
165 107.6 78.0 117.0
167 41.1 12.0 18.0#

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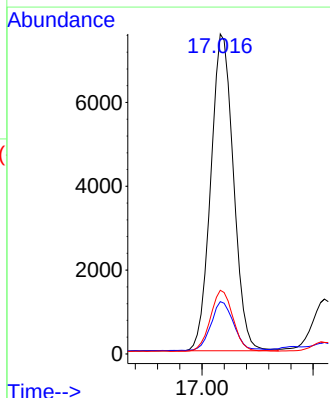
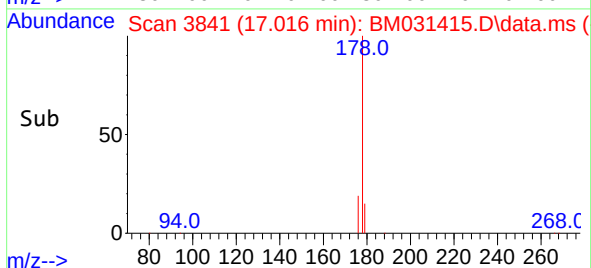
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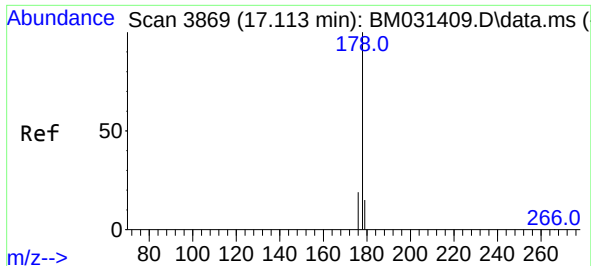


#15
Phenanthrene
Concen: 0.433 ng/ul
RT: 17.016 min Scan# 3841
Delta R.T. -0.003 min
Lab File: BM031415.D
Acq: 03 Aug 2021 17:16



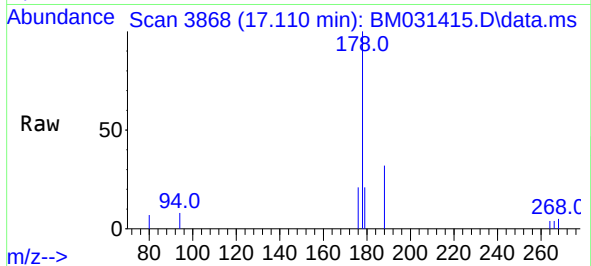
Tgt Ion:178 Resp: 10712
Ion Ratio Lower Upper
178 100
179 16.4 13.3 19.9
176 19.9 16.2 24.4





#16
 Anthracene
 Concen: 0.076 ng/ul
 RT: 17.110 min Scan# 3868
 Delta R.T. -0.003 min
 Lab File: BM031415.D
 Acq: 03 Aug 2021 17:16

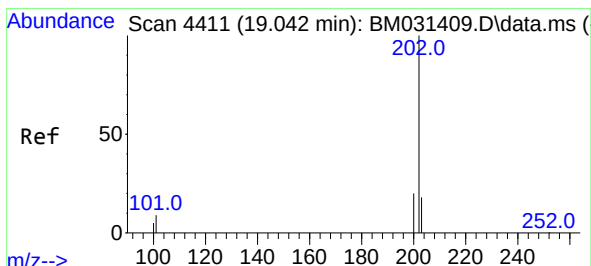
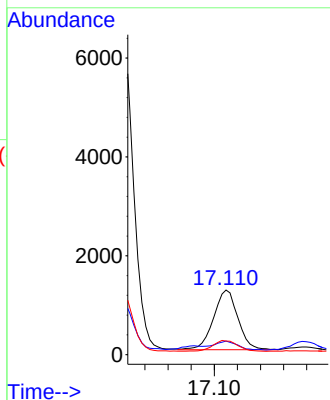
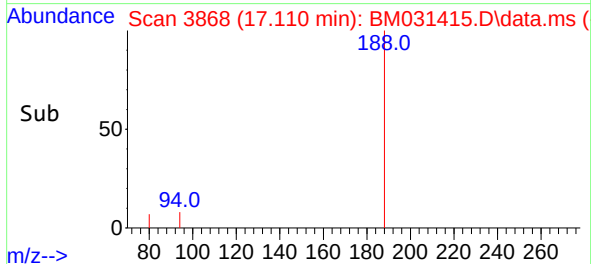
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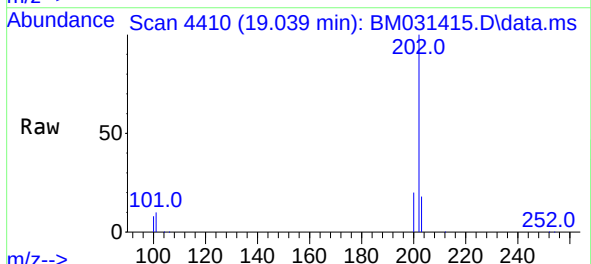
Tgt Ion:178 Resp: 1766
 Ion Ratio Lower Upper
 178 100
 179 21.1 13.0 19.6#
 176 21.1 15.6 23.4

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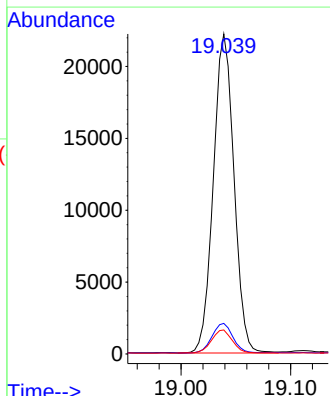
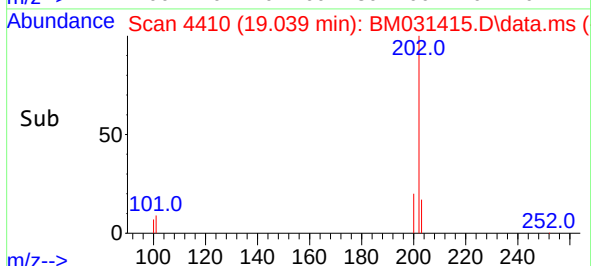
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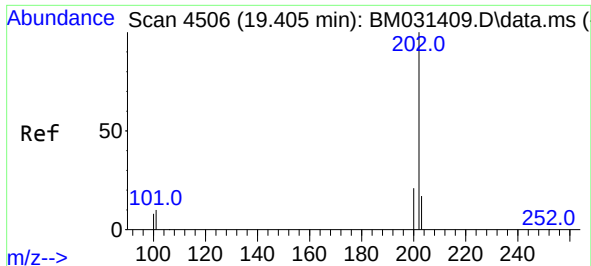


#19
 Fluoranthene
 Concen: 1.136 ng/ul
 RT: 19.039 min Scan# 4410
 Delta R.T. -0.003 min
 Lab File: BM031415.D
 Acq: 03 Aug 2021 17:16



Tgt Ion:202 Resp: 28967
 Ion Ratio Lower Upper
 202 100
 101 9.6 6.6 10.0
 100 7.5 5.4 8.0





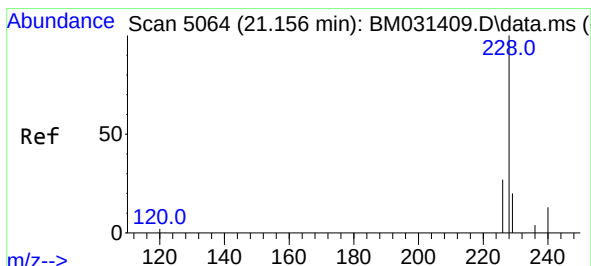
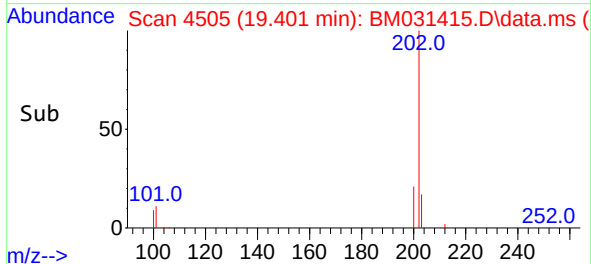
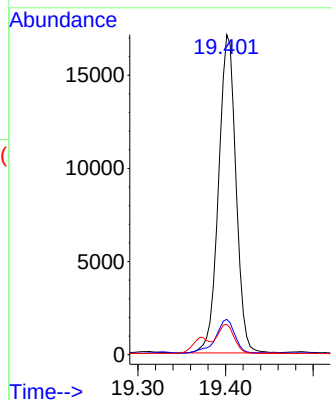
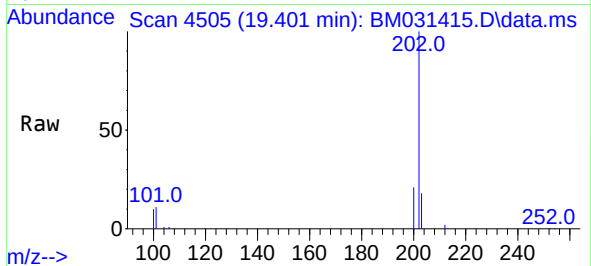
#20
Pyrene
Concen: 0.913 ng/u1
RT: 19.401 min Scan# 4505
Delta R.T. -0.003 min
Lab File: BM031415.D
Acq: 03 Aug 2021 17:16

Tgt Ion:	202	Resp:	23599
Ion Ratio	Lower	Upper	
202	100		
101	11.1	7.8	11.6
100	9.5	6.6	10.0

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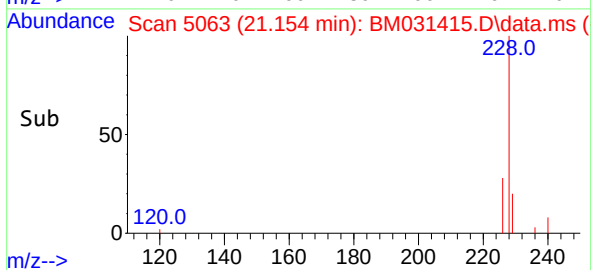
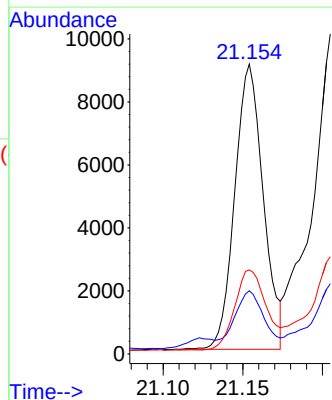
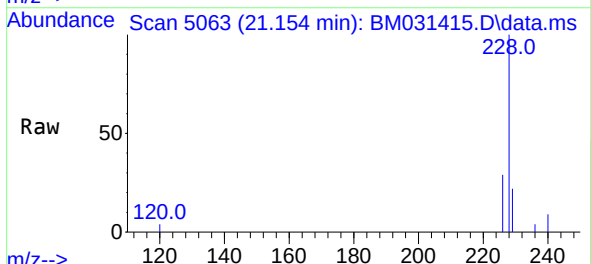
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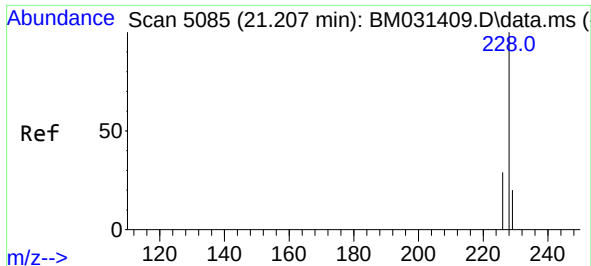
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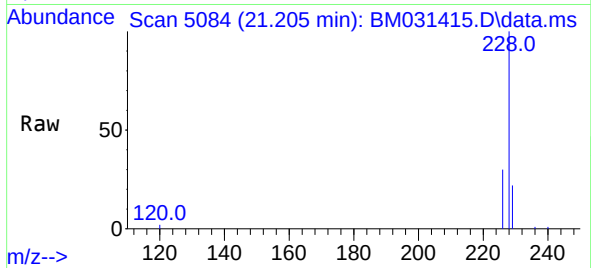
#21
Benzo(a)anthracene
Concen: 0.467 ng/u1
RT: 21.154 min Scan# 5063
Delta R.T. -0.002 min
Lab File: BM031415.D
Acq: 03 Aug 2021 17:16

Tgt Ion:	228	Resp:	11264
Ion Ratio	Lower	Upper	
228	100		
229	21.8	15.6	23.4
226	29.0	21.7	32.5

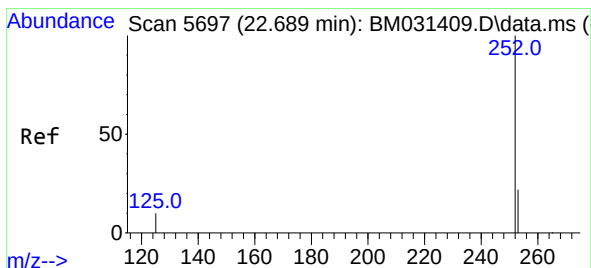
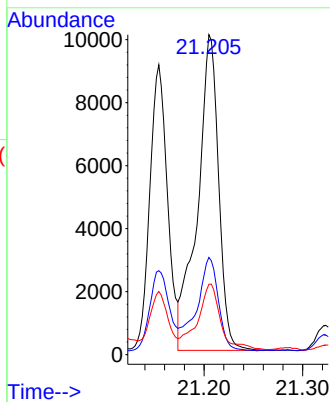
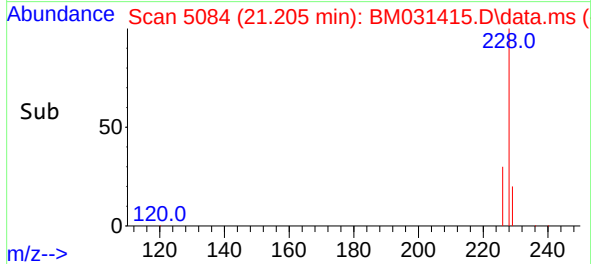




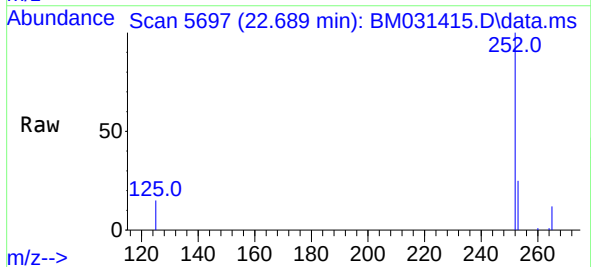
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Chrysene
Concen: 0.597 ng/ul
RT: 21.205 min Scan# 5084
Delta R.T. -0.002 min
Lab File: BM031415.D
Acq: 03 Aug 2021 17:16



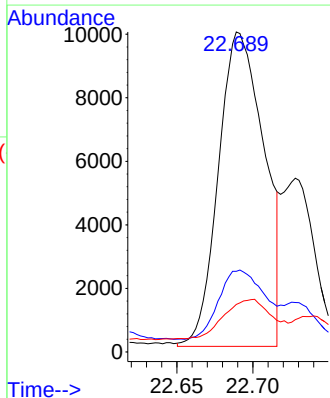
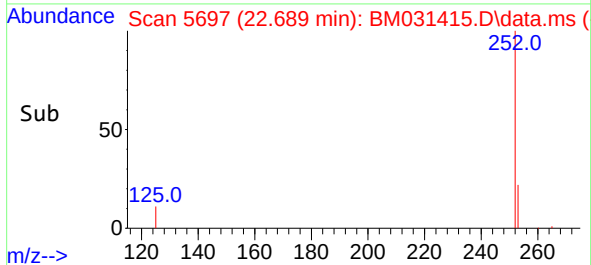
Tgt Ion:228 Resp: 14896
Ion Ratio Lower Upper
228 100
226 30.4 24.7 37.1
229 22.0 16.2 24.2



#24
Benzo(b)fluoranthene
Concen: 0.785 ng/ul m
RT: 22.689 min Scan# 5697
Delta R.T. 0.001 min
Lab File: BM031415.D
Acq: 03 Aug 2021 17:16



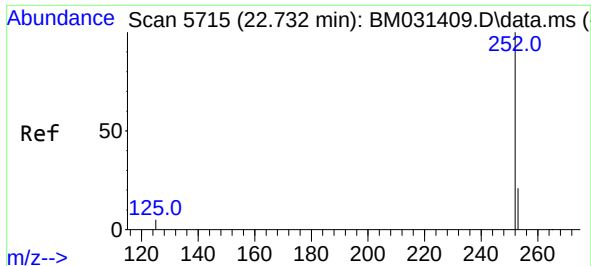
Tgt Ion:252 Resp: 20576
Ion Ratio Lower Upper
252 100
253 25.2 0.0 53.0
125 14.8 0.0 22.8



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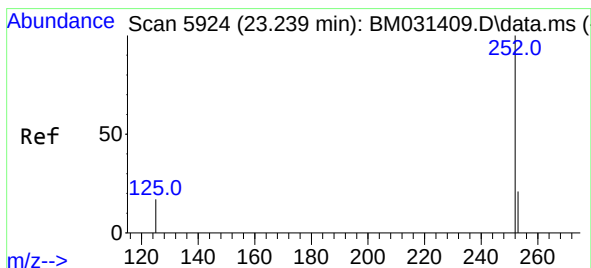
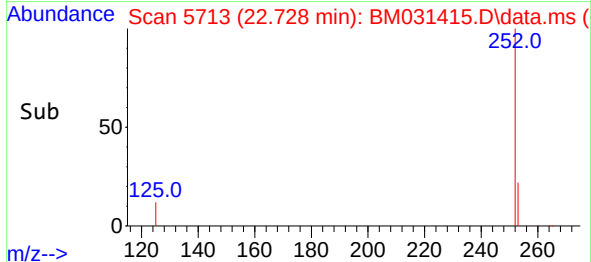
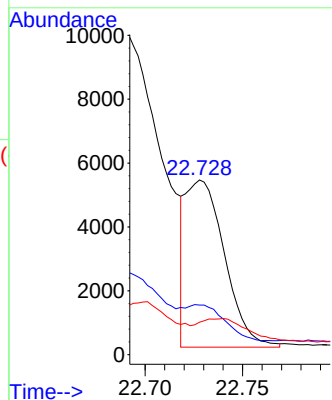
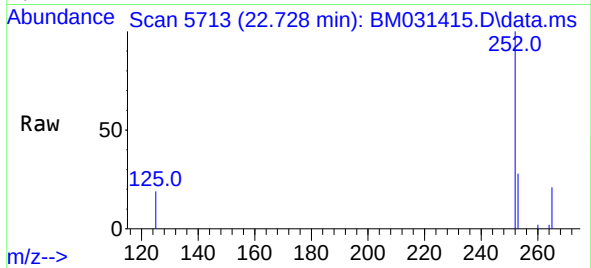
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Benzo(k)fluoranthene
Concen: 0.268 ng/ul m
RT: 22.728 min Scan# 5713
Delta R.T. -0.004 min
Lab File: BM031415.D
Acq: 03 Aug 2021 17:16

Tgt Ion:	252	Resp:	7265
Ion Ratio	Lower	Upper	
252	100		
253	28.4	21.3	31.9
125	18.6	8.8	13.2#

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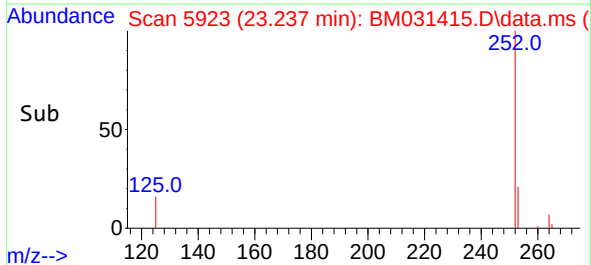
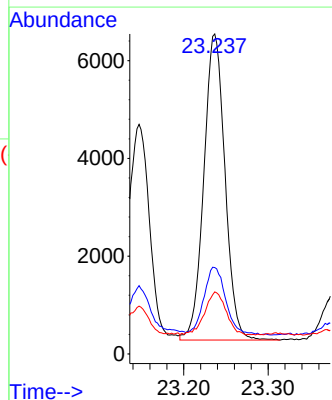
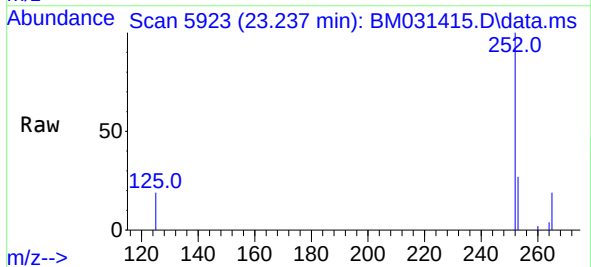
Manual Integrations
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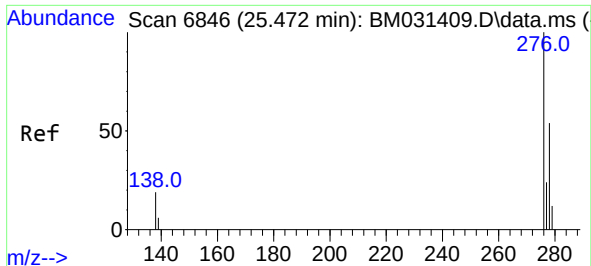
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#26
Benzo(a)pyrene
Concen: 0.476 ng/ul
RT: 23.237 min Scan# 5923
Delta R.T. -0.002 min
Lab File: BM031415.D
Acq: 03 Aug 2021 17:16

Tgt Ion:	252	Resp:	10912
Ion Ratio	Lower	Upper	
252	100		
253	27.0	22.4	33.6
125	19.4	13.0	19.4





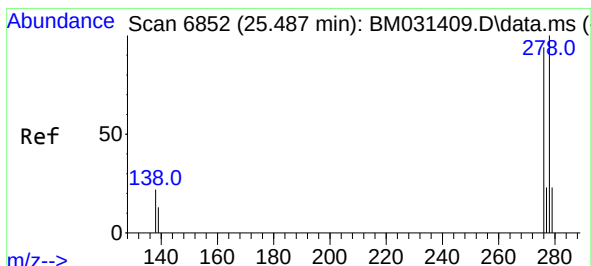
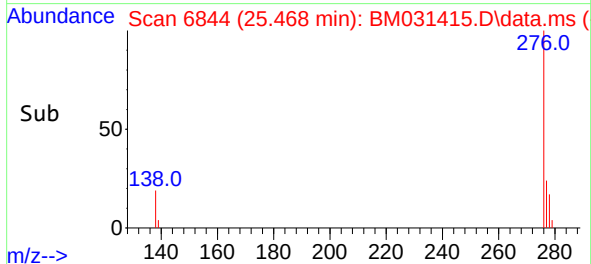
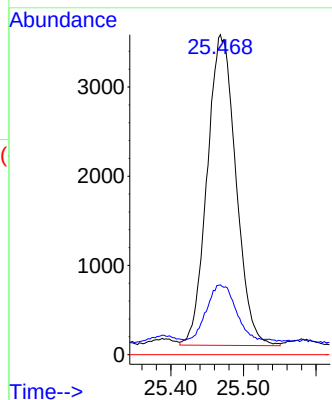
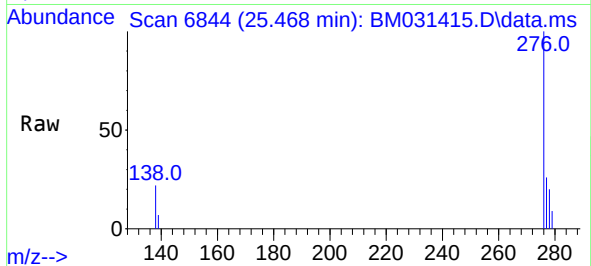
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.323 ng/ul
RT: 25.468 min Scan# 6844
Delta R.T. -0.004 min
Lab File: BM031415.D
Acq: 03 Aug 2021 17:16

Tgt Ion:	276	Resp:	9567
Ion Ratio	Lower	Upper	
276	100		
138	19.5	15.8	23.8
227	0.0	0.0	0.0

Instrument :
BNA_M
ClientSampled :
C0078DL

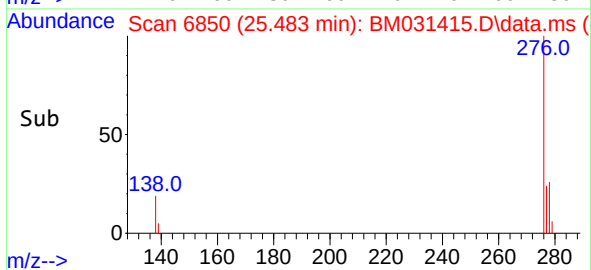
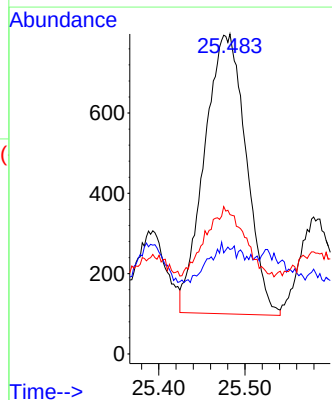
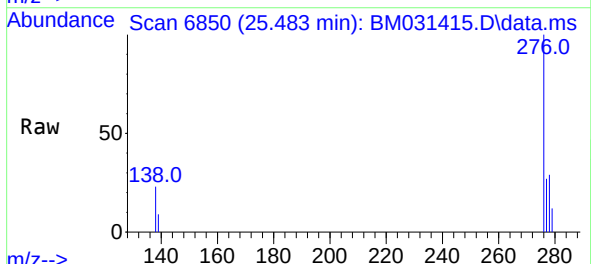
Manual Integrations
APPROVED

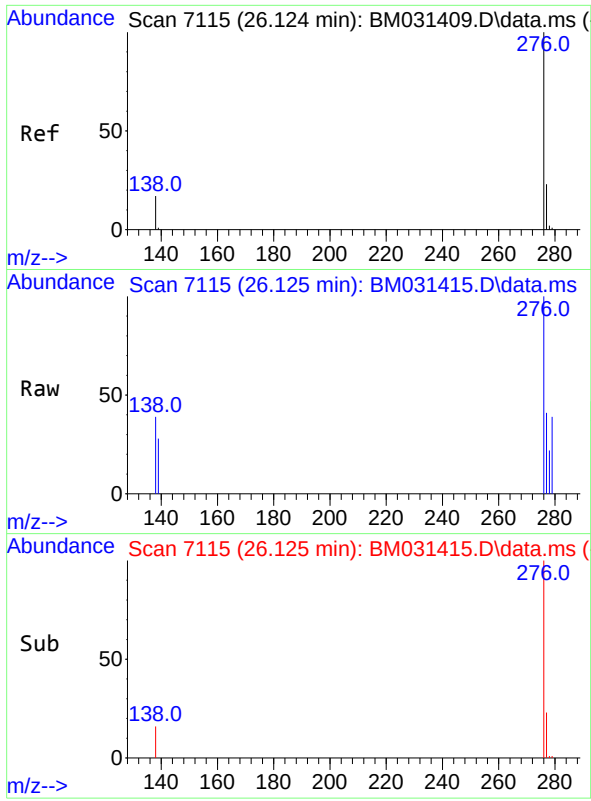
mohammad
8/4/2021 3:47:52 PM



#28
Dibenzo(a,h)anthracene
Concen: 0.098 ng/ul
RT: 25.483 min Scan# 6850
Delta R.T. -0.004 min
Lab File: BM031415.D
Acq: 03 Aug 2021 17:16

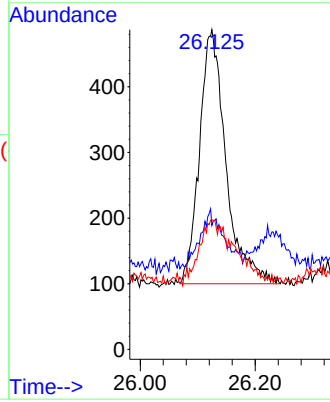
Tgt Ion:	278	Resp:	2338
Ion Ratio	Lower	Upper	
278	100		
139	32.6	13.3	19.9#
279	43.5	22.8	34.2#





#29
Benzo(g,h,i)perylene
Concen: 0.049 ng/ul
RT: 26.125 min Scan# 7115
Delta R.T. 0.001 min
Lab File: BM031415.D
Acq: 03 Aug 2021 17:16

Tgt Ion:	276	Resp:	1236
Ion Ratio	Lower	Upper	
276	100		
138	38.8	15.4	23.2#
277	40.7	19.9	29.9#



Instrument :
BNA_M
ClientSampleId :
C0078DL

Manual Integrations
APPROVED

mohammad
8/4/2021 3:47:52 PM