

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080221\
 Data File : BM031446.D
 Acq On : 04 Aug 2021 14:15
 Operator : CG/JU
 Sample : M3123-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0066

Manual Integrations
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Quant Time: Aug 04 14:54:51 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 : Wed Aug 04 12:17:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.594	152	1210	0.400	ng/ul	0.00
4) Naphthalene-d8	10.356	136	4540	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.224	164	3166	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.971	188	5983	0.400	ng/ul #	0.00
17) Chrysene-d12	21.166	240	5420	0.400	ng/ul #	0.00
23) Perylene-d12	23.324	264	5164	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.196	96	2118	1.576	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.948	152	1203	0.157	ng/ul	0.00
18) Fluoranthene-d10	19.005	212	2909	0.161	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.401	128	25250	1.867	ng/ul	97
7) 2-Methylnaphthalene	12.020	142	28068	3.038	ng/ul	99
8) 1-Methylnaphthalene	12.245	142	18532	2.030	ng/ul	100
10) Acenaphthylene	13.945	152	743	0.055	ng/ul#	64
11) Acenaphthene	14.319	153	1042m	0.092	ng/ul	
12) Fluorene	15.278	166	1654	0.127	ng/ul#	68
15) Phenanthrene	17.013	178	40935	2.155	ng/ul	98
16) Anthracene	17.103	178	798m	0.045	ng/ul	
19) Fluoranthene	19.039	202	8746	0.378	ng/ul#	93
20) Pyrene	19.397	202	8065	0.344	ng/ul#	91
21) Benzo(a)anthracene	21.149	228	4051	0.185	ng/ul#	54
22) Chrysene	21.200	228	21171	0.935	ng/ul#	92
24) Benzo(b)fluoranthene	22.682	252	8247m	0.354	ng/ul	
25) Benzo(k)fluoranthene	22.721	252	1331m	0.055	ng/ul	
26) Benzo(a)pyrene	23.229	252	1936	0.095	ng/ul#	26
27) Indeno(1,2,3-cd)pyrene	25.463	276	1768	0.067	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.466	278	1244	0.059	ng/ul#	7

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

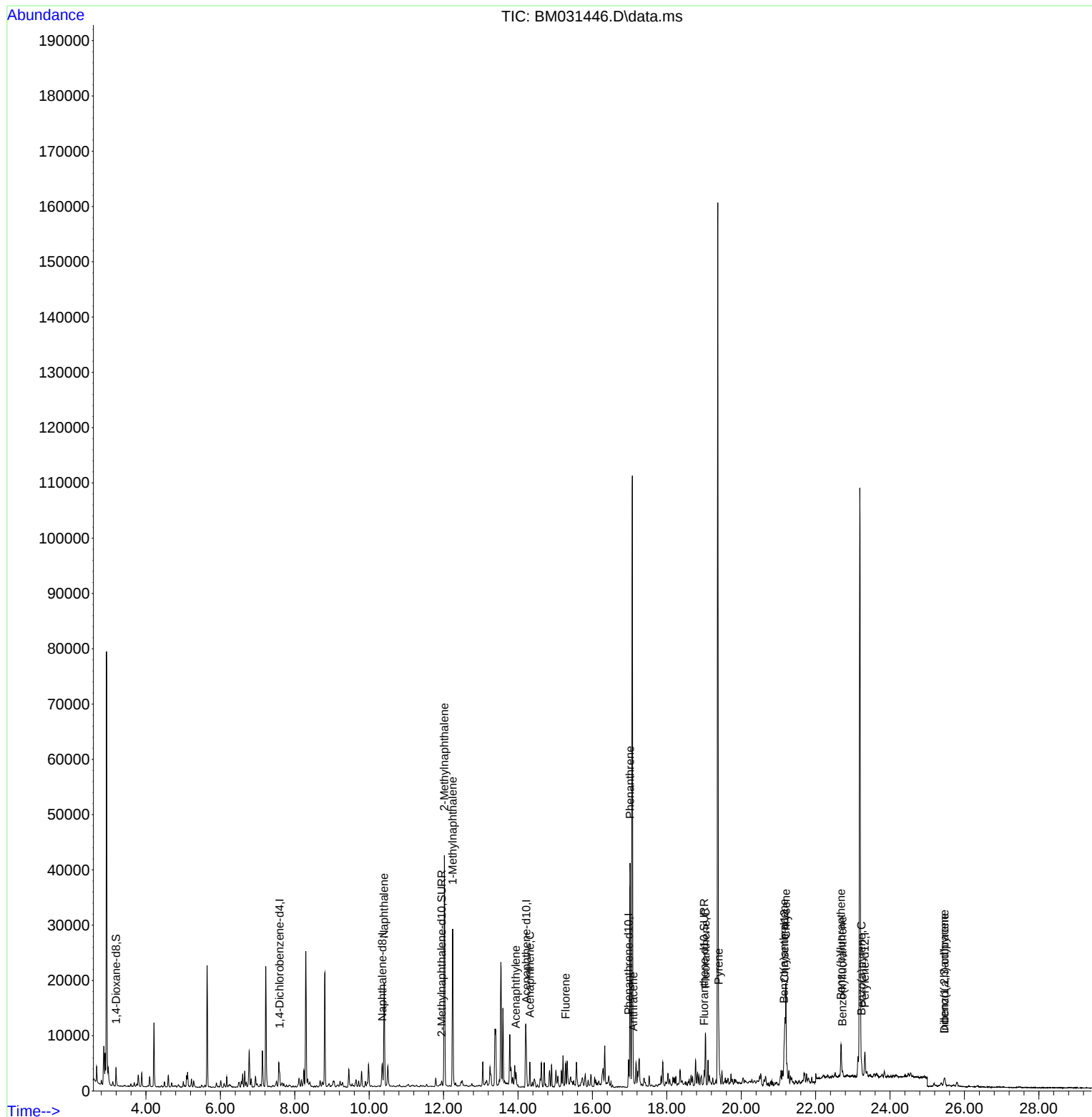
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Data File : BM031446.D
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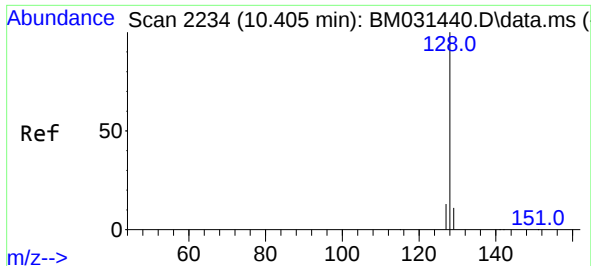
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C0066

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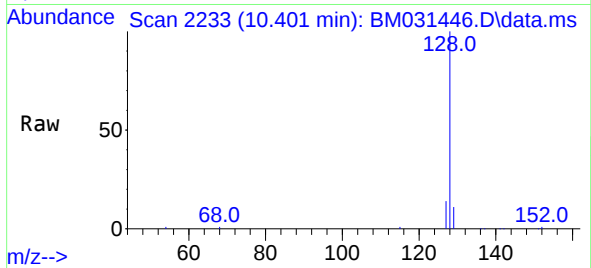
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Quant Time: Aug 04 14:54:51 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 04 12:17:22 2021
Response via : Initial Calibration

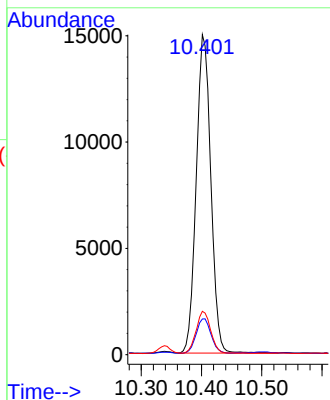




#5
Naphthalene
Concen: 1.867 ng/ul
RT: 10.401 min Scan# 2233
Delta R.T. -0.003 min
Lab File: BM031446.D
Acq: 04 Aug 2021 14:15



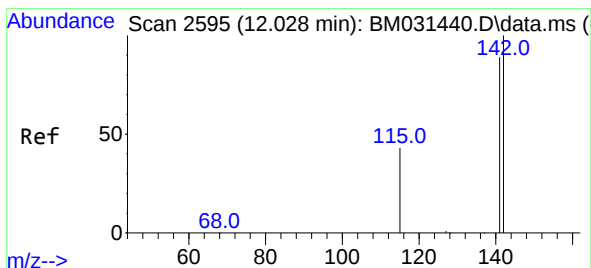
Tgt Ion:	128	Resp:	25250
Ion Ratio	Lower	Upper	
128	100		
129	11.2	10.0	15.0
127	13.6	11.6	17.4



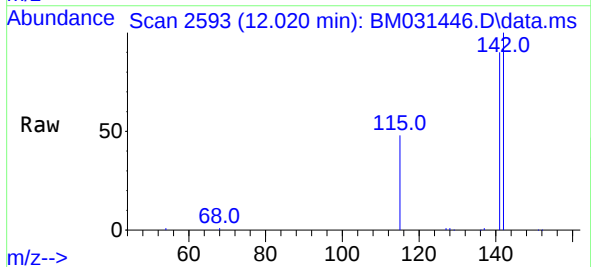
Instrument :
BNA_M
ClientSampled :
C0066

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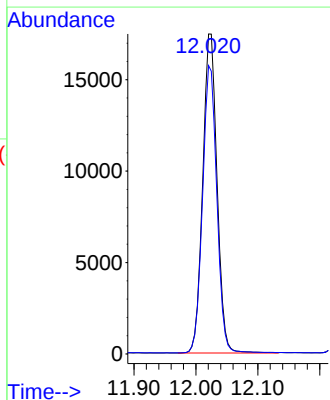
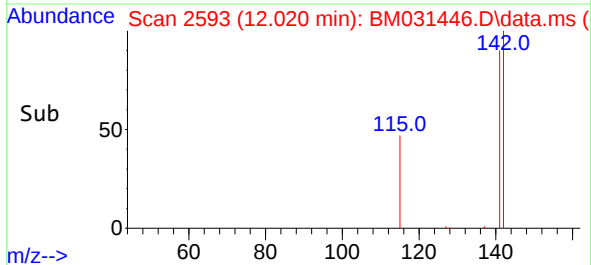
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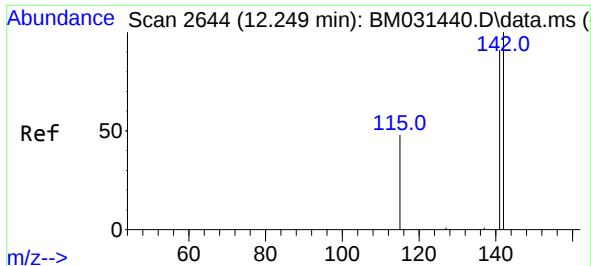


#7
2-Methylnaphthalene
Concen: 3.038 ng/ul
RT: 12.020 min Scan# 2593
Delta R.T. -0.008 min
Lab File: BM031446.D
Acq: 04 Aug 2021 14:15



Tgt Ion:	142	Resp:	28068
Ion Ratio	Lower	Upper	
142	100		
141	89.8	71.4	107.0





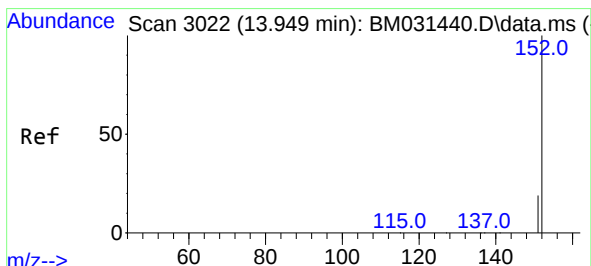
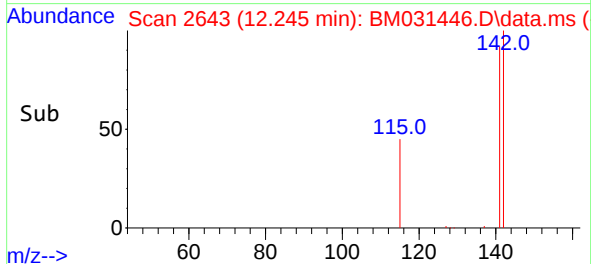
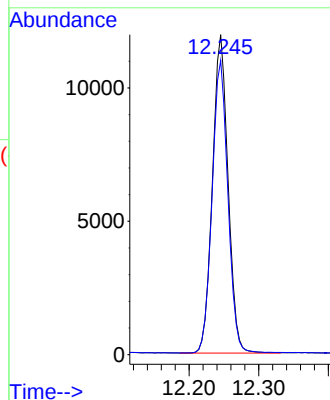
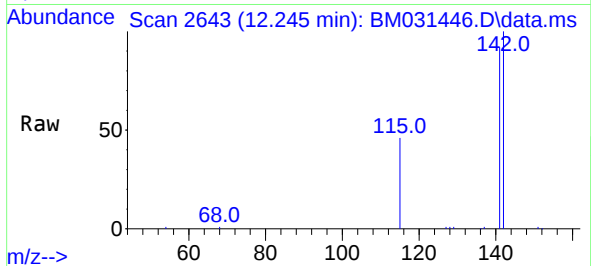
#8
1-Methylnaphthalene
Concen: 2.030 ng/ul
RT: 12.245 min Scan# 2643
Delta R.T. -0.003 min
Lab File: BM031446.D
Acq: 04 Aug 2021 14:15

Tgt Ion:142 Resp: 18532
Ion Ratio Lower Upper
142 100
141 92.9 74.1 111.1

Instrument :
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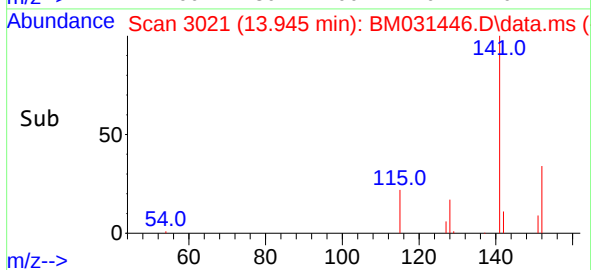
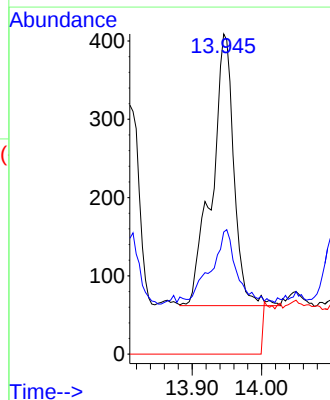
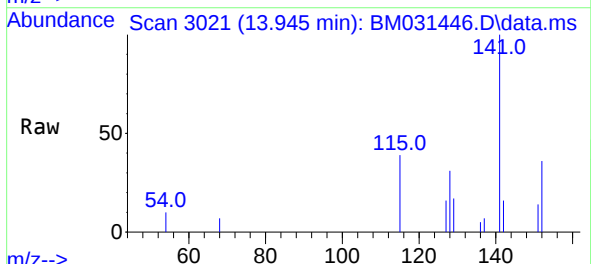
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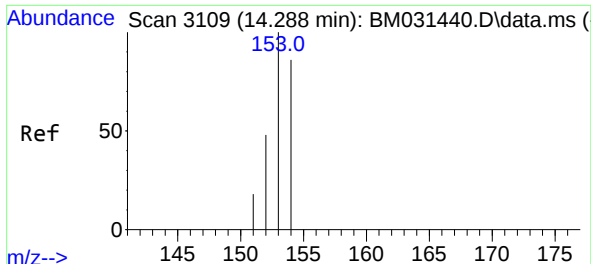
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#10
Acenaphthylene
Concen: 0.055 ng/ul
RT: 13.945 min Scan# 3021
Delta R.T. -0.003 min
Lab File: BM031446.D
Acq: 04 Aug 2021 14:15

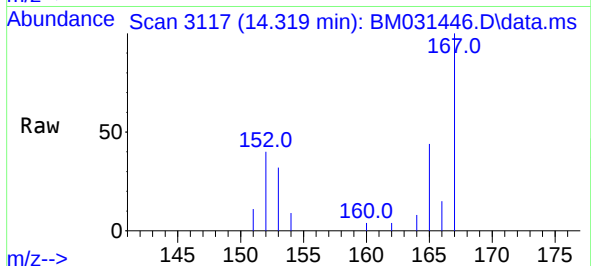
Tgt Ion:152 Resp: 743
Ion Ratio Lower Upper
152 100
151 38.1 16.9 25.3#
153 0.0 0.0 0.0





#11
Acenaphthene
Concen: 0.092 ng/ul m
RT: 14.319 min Scan# 3117
Delta R.T. 0.031 min
Lab File: BM031446.D
Acq: 04 Aug 2021 14:15

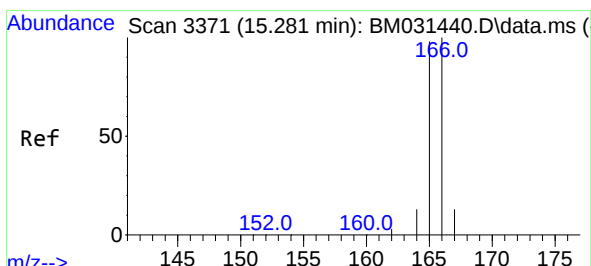
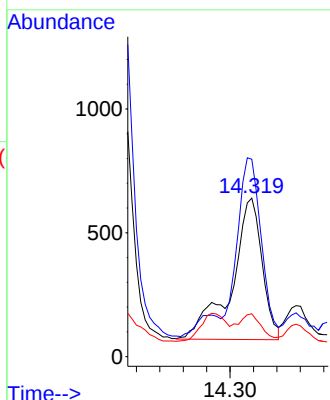
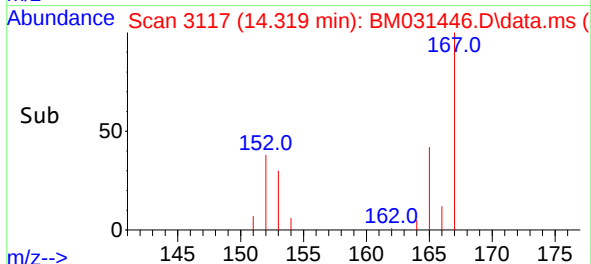
Instrument :
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ClientSampled :
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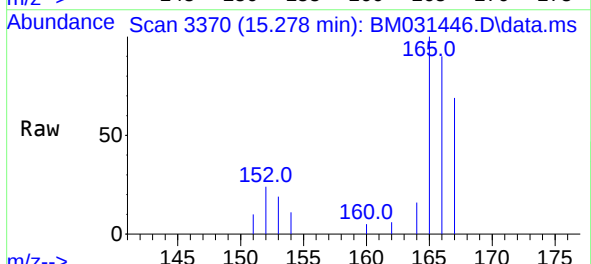
Tgt Ion:153 Resp: 1042
Ion Ratio Lower Upper
153 100
152 124.5 40.7 61.1#
154 27.0 70.2 105.2#

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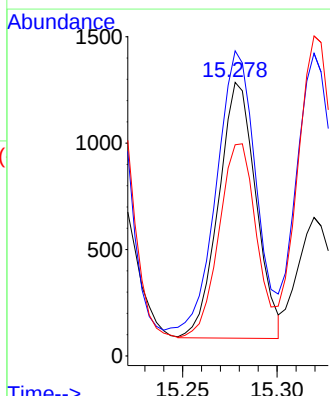
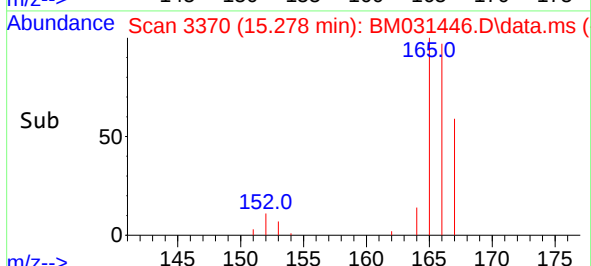
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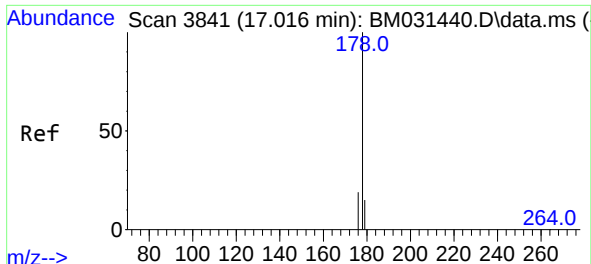


#12
Fluorene
Concen: 0.127 ng/ul
RT: 15.278 min Scan# 3370
Delta R.T. -0.003 min
Lab File: BM031446.D
Acq: 04 Aug 2021 14:15

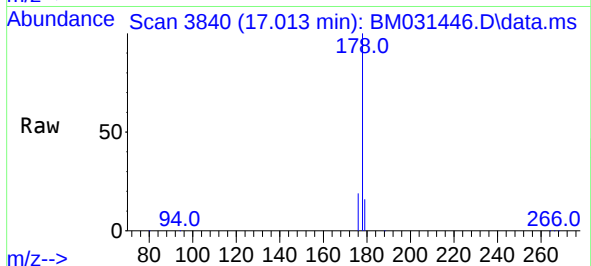


Tgt Ion:166 Resp: 1654
Ion Ratio Lower Upper
166 100
165 111.5 78.0 117.0
167 77.2 12.0 18.0#

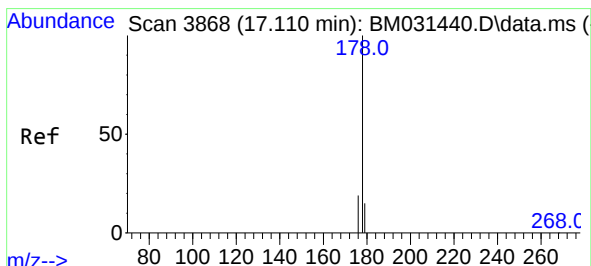
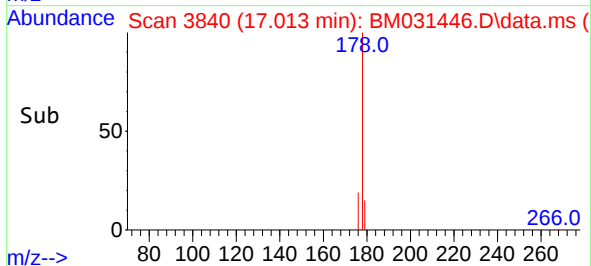
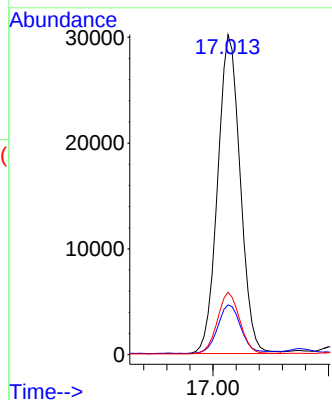




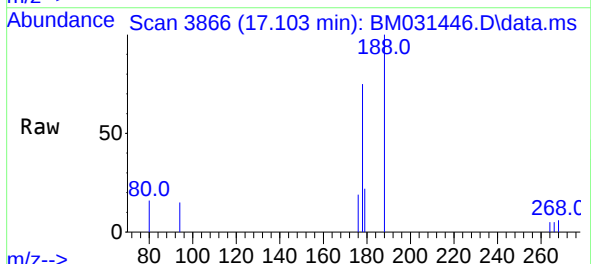
#15
Phenanthrene
Concen: 2.155 ng/ul
RT: 17.013 min Scan# 3840
Delta R.T. -0.003 min
Lab File: BM031446.D
Acq: 04 Aug 2021 14:15



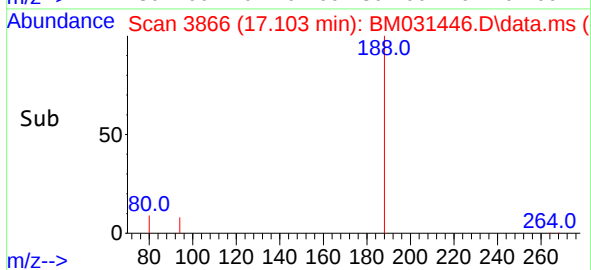
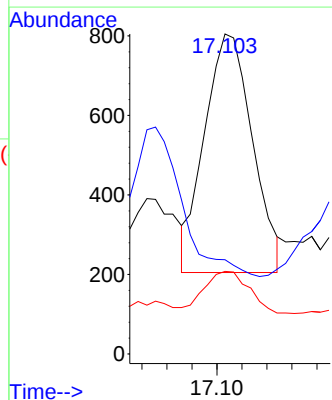
Tgt Ion:178 Resp: 40935
Ion Ratio Lower Upper
178 100
179 15.5 13.3 19.9
176 19.5 16.2 24.4



#16
Anthracene
Concen: 0.045 ng/ul m
RT: 17.103 min Scan# 3866
Delta R.T. -0.007 min
Lab File: BM031446.D
Acq: 04 Aug 2021 14:15



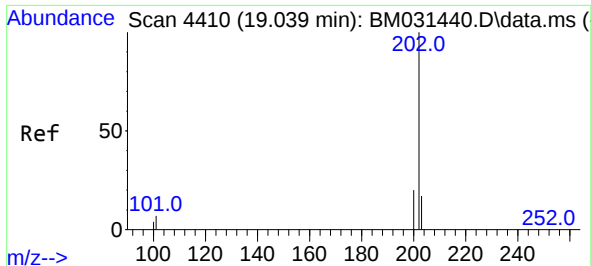
Tgt Ion:178 Resp: 798
Ion Ratio Lower Upper
178 100
179 29.4 13.0 19.6#
176 25.8 15.6 23.4#



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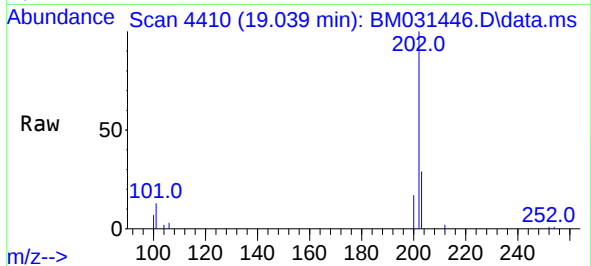
Manual Integrations
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#19
Fluoranthene
Concen: 0.378 ng/u1
RT: 19.039 min Scan# 4410
Delta R.T. 0.000 min
Lab File: BM031446.D
Acq: 04 Aug 2021 14:15

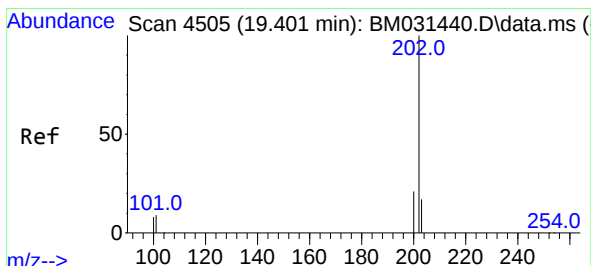
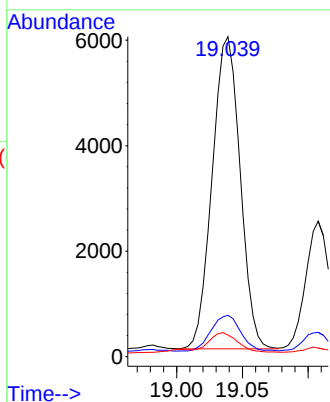
Instrument :
BNA_M
ClientSampled :
C0066



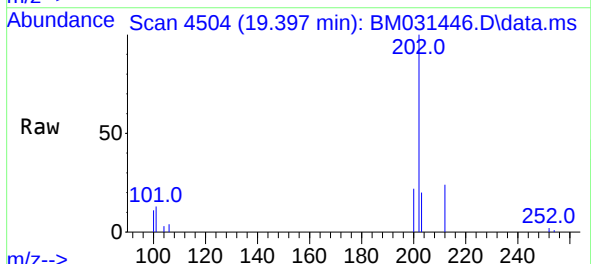
Tgt Ion:202 Resp: 8746
Ion Ratio Lower Upper
202 100
101 13.0 6.6 10.0#
100 6.7 5.4 8.0

Manual Integrations
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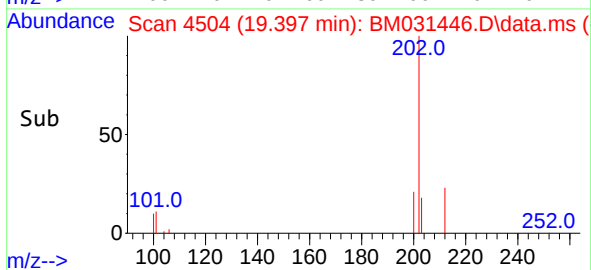
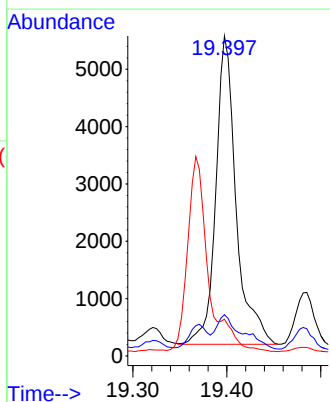
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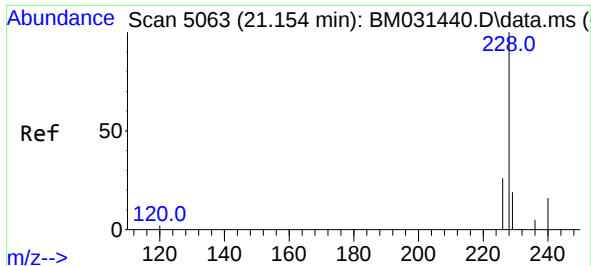


#20
Pyrene
Concen: 0.344 ng/u1
RT: 19.397 min Scan# 4504
Delta R.T. -0.003 min
Lab File: BM031446.D
Acq: 04 Aug 2021 14:15



Tgt Ion:202 Resp: 8065
Ion Ratio Lower Upper
202 100
101 12.9 7.8 11.6#
100 11.5 6.6 10.0#





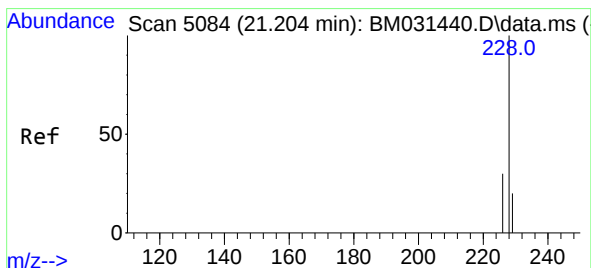
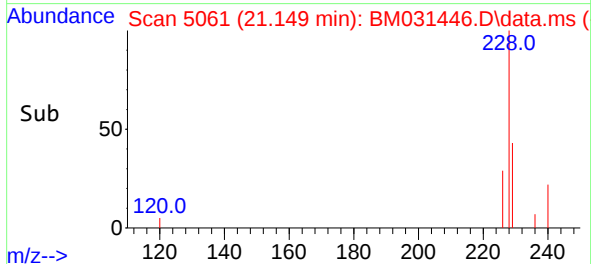
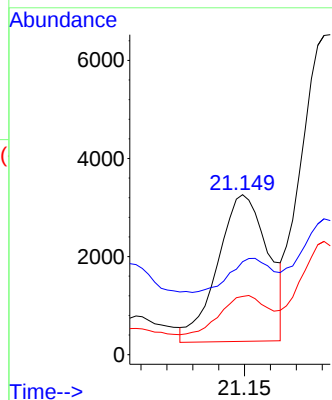
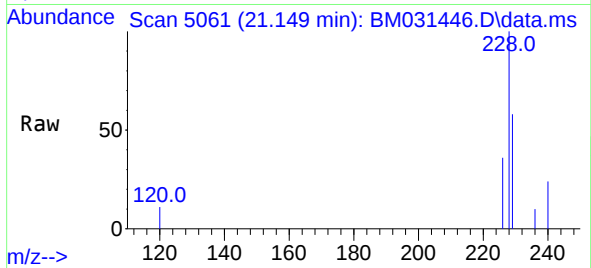
#21
Benzo(a)anthracene
Concen: 0.185 ng/ul
RT: 21.149 min Scan# 5061
Delta R.T. -0.004 min
Lab File: BM031446.D
Acq: 04 Aug 2021 14:15

Tgt Ion:228 Resp: 4051
Ion Ratio Lower Upper
228 100
229 58.1 15.6 23.4#
226 36.4 21.7 32.5#

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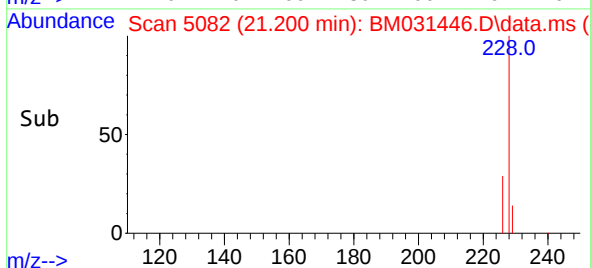
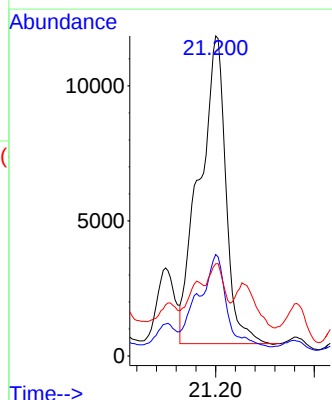
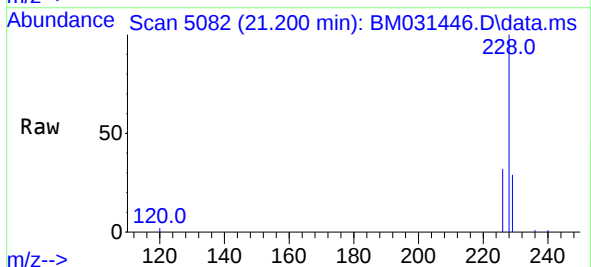
Manual Integrations
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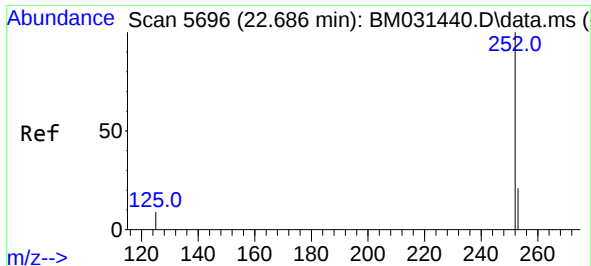
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#22
Chrysene
Concen: 0.935 ng/ul
RT: 21.200 min Scan# 5082
Delta R.T. -0.004 min
Lab File: BM031446.D
Acq: 04 Aug 2021 14:15

Tgt Ion:228 Resp: 21171
Ion Ratio Lower Upper
228 100
226 31.7 24.7 37.1
229 28.8 16.2 24.2#





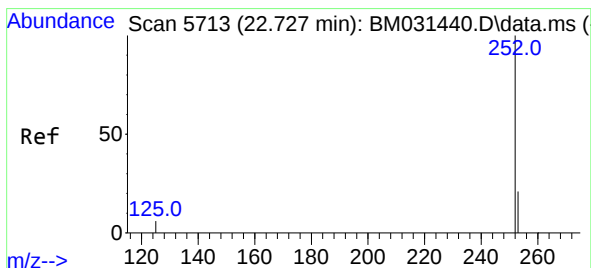
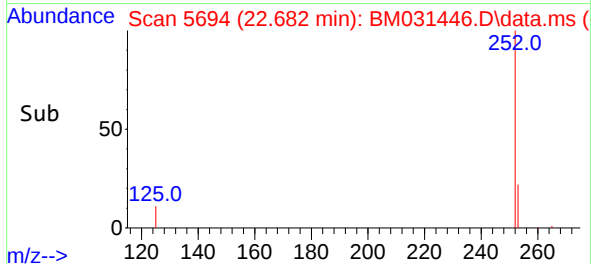
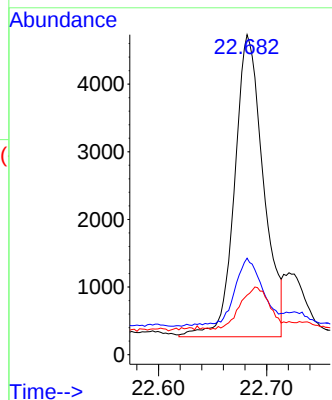
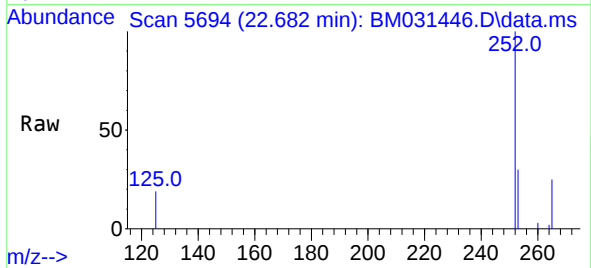
#24
Benzo(b)fluoranthene
Concen: 0.354 ng/ul m
RT: 22.682 min Scan# 5694
Delta R.T. -0.004 min
Lab File: BM031446.D
Acq: 04 Aug 2021 14:15

Tgt Ion:	252	Resp:	8247
Ion Ratio	Lower	Upper	
252	100		
253	30.1	0.0	53.0
125	18.6	0.0	22.8

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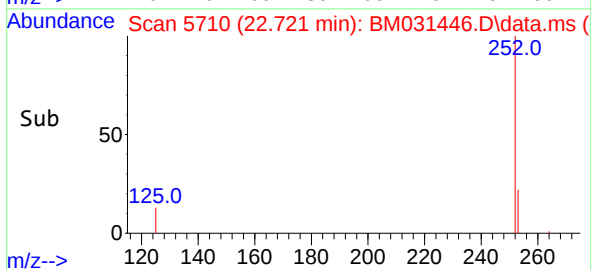
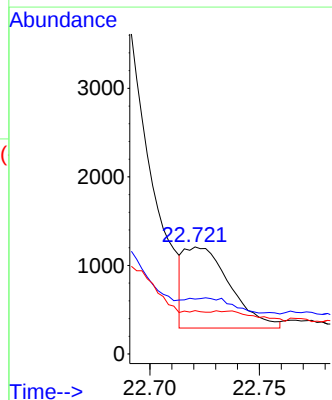
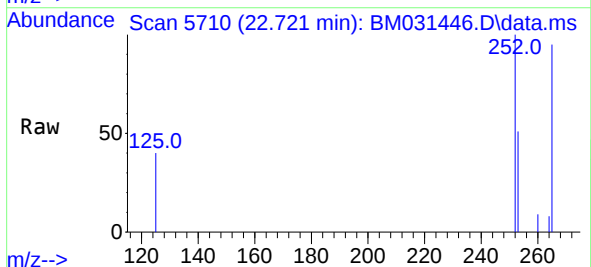
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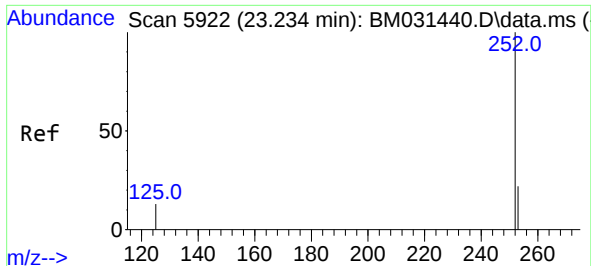
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#25
Benzo(k)fluoranthene
Concen: 0.055 ng/ul m
RT: 22.721 min Scan# 5710
Delta R.T. -0.007 min
Lab File: BM031446.D
Acq: 04 Aug 2021 14:15

Tgt Ion:	252	Resp:	1331
Ion Ratio	Lower	Upper	
252	100		
253	51.2	21.3	31.9#
125	40.5	8.8	13.2#





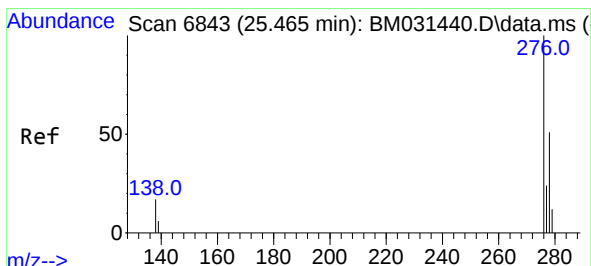
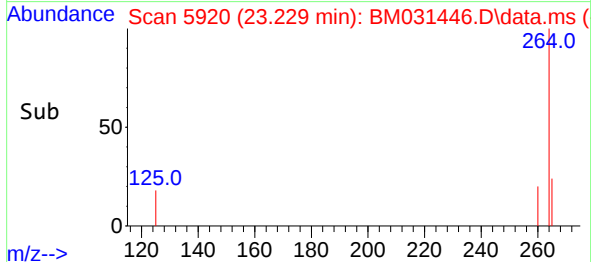
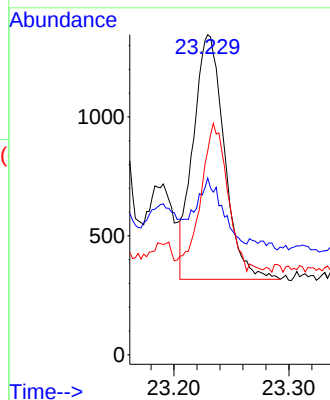
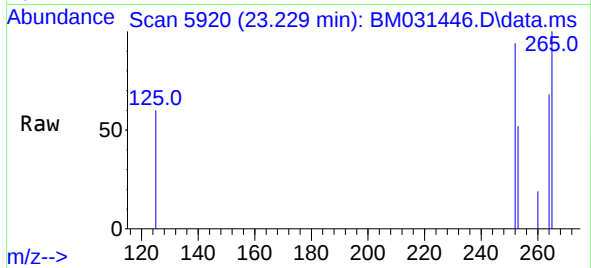
#26
Benzo(a)pyrene
Concen: 0.095 ng/ul
RT: 23.229 min Scan# 5920
Delta R.T. -0.004 min
Lab File: BM031446.D
Acq: 04 Aug 2021 14:15

Tgt Ion:252 Resp: 1936
Ion Ratio Lower Upper
252 100
253 55.2 22.4 33.6#
125 63.7 13.0 19.4#

Instrument :
BNA_M
ClientSampled :
C0066

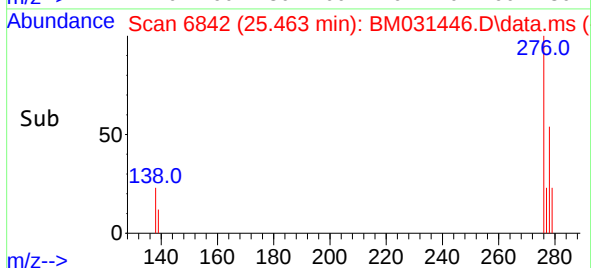
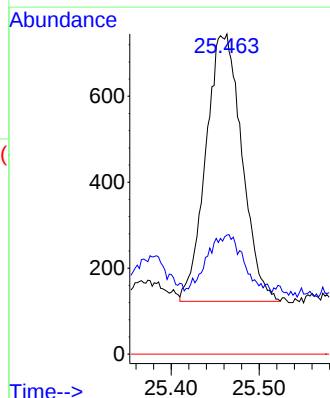
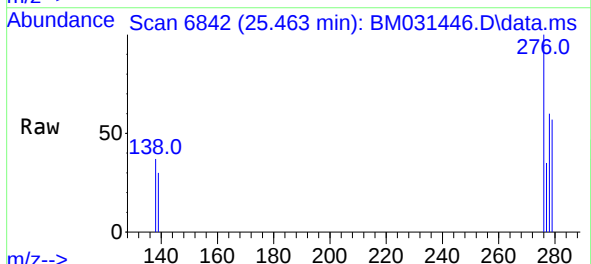
Manual Integrations
APPROVED

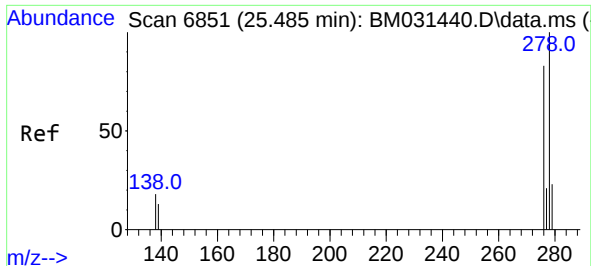
mohammad
8/5/2021 5:04:34 PM



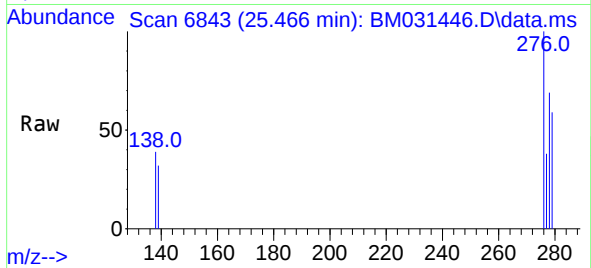
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.067 ng/ul
RT: 25.463 min Scan# 6842
Delta R.T. -0.002 min
Lab File: BM031446.D
Acq: 04 Aug 2021 14:15

Tgt Ion:276 Resp: 1768
Ion Ratio Lower Upper
276 100
138 22.7 15.8 23.8
227 0.0 0.0 0.0

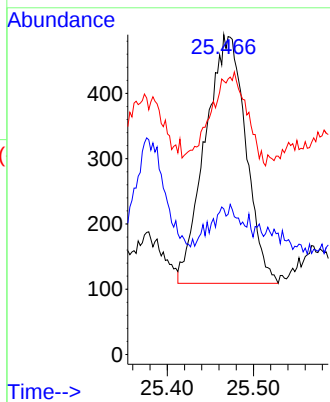
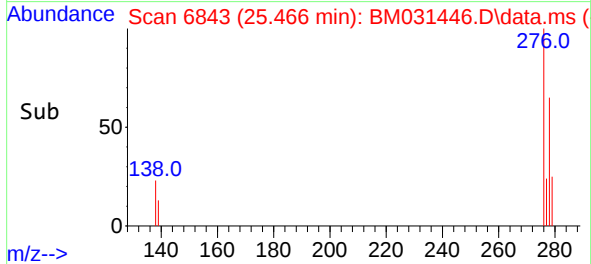




#28
 Dibenzo(a,h)anthracene
 Concen: 0.059 ng/ul
 RT: 25.466 min Scan# 6843
 Delta R.T. -0.019 min
 Lab File: BM031446.D
 Acq: 04 Aug 2021 14:15



Tgt Ion: 278 Resp: 1244
 Ion Ratio Lower Upper
 278 100
 139 45.5 13.3 19.9#
 279 85.5 22.8 34.2#



Instrument :
 BNA_M
 ClientSampleId :
 C0066

Manual Integrations
 APPROVED

mohammad
 8/5/2021 5:04:34 PM