

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072221\
 Data File : BM031079.D
 Acq On : 22 Jul 2021 23:20
 Operator : CG/JU
 Sample : M2971-13
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGE98

Manual Integrations
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mohammad
 7/23/2021 11:52:14 AM

Quant Time: Jul 23 01:10:36 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 22 11:33:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.635	152	1388	0.400	ng/ul	0.00
4) Naphthalene-d8	10.397	136	5619	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.262	164	3992	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.009	188	8658	0.400	ng/ul	0.00
17) Chrysene-d12	21.193	240	8731	0.400	ng/ul	0.00
23) Perylene-d12	23.367	264	8718	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.213	96	3694	2.533	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.993	152	1697	0.172	ng/ul	0.00
18) Fluoranthene-d10	19.035	212	4963	0.186	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.446	128	2388	0.142	ng/ul	96
7) 2-Methylnaphthalene	12.065	142	342	0.028	ng/ul	97
10) Acenaphthylene	13.981	152	1095	0.067	ng/ul#	91
11) Acenaphthene	14.326	153	486	0.034	ng/ul	92
12) Fluorene	15.316	166	767	0.045	ng/ul#	92
15) Phenanthrene	17.051	178	11021	0.401	ng/ul	99
16) Anthracene	17.141	178	3811	0.148	ng/ul	99
19) Fluoranthene	19.066	202	38469	1.094	ng/ul	98
20) Pyrene	19.432	202	34446	0.960	ng/ul	99
21) Benzo(a)anthracene	21.178	228	26700	0.766	ng/ul	95
22) Chrysene	21.229	228	25390	0.673	ng/ul	97
24) Benzo(b)fluoranthene	22.723	252	34924m	0.852	ng/ul	
25) Benzo(k)fluoranthene	22.759	252	12220m	0.294	ng/ul	
26) Benzo(a)pyrene	23.275	252	19499	0.550	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.521	276	12297	0.265	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.531	278	3936	0.106	ng/ul#	80
29) Benzo(g,h,i)perylene	26.178	276	905	0.023	ng/ul#	52

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

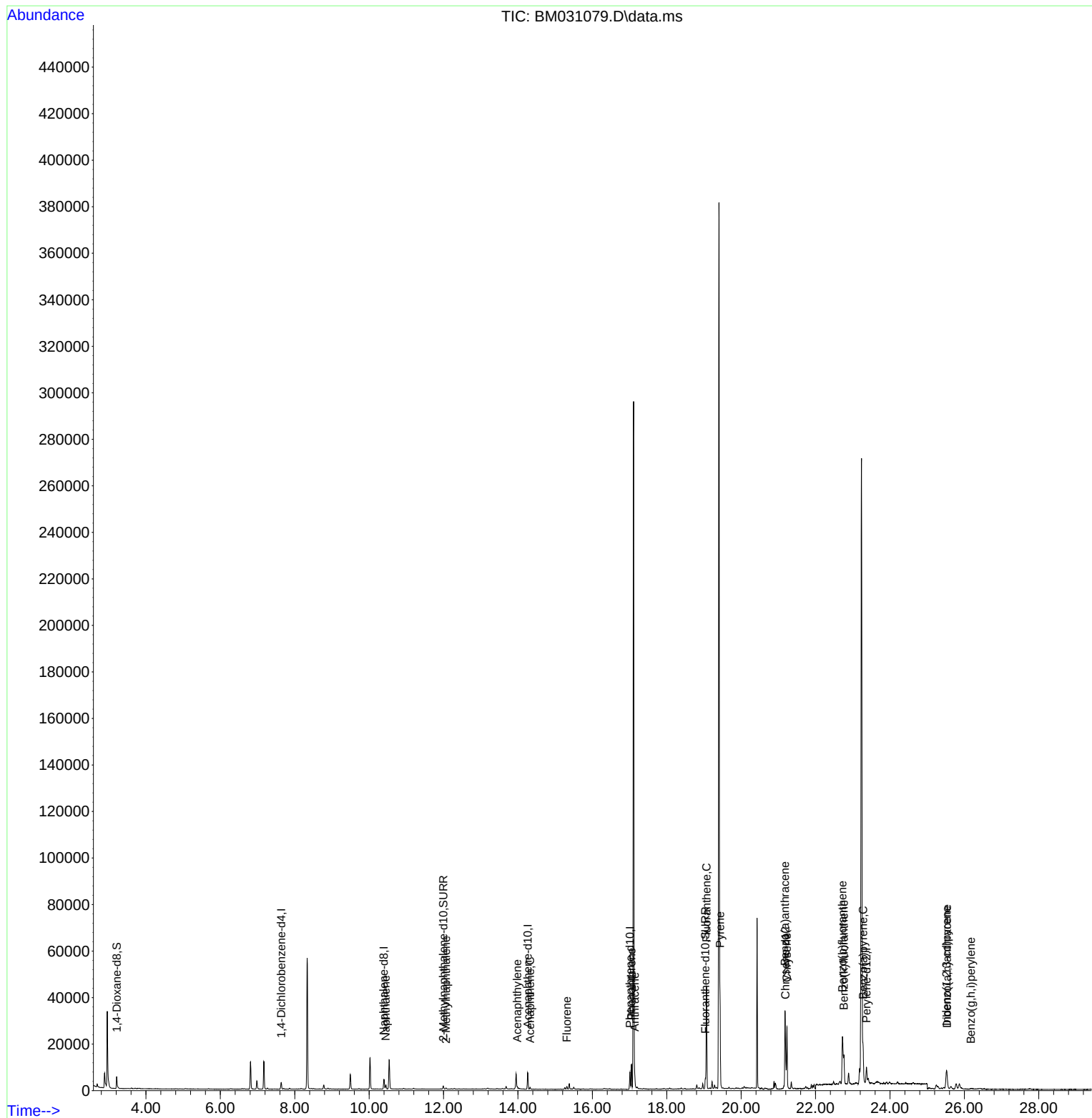
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072221\
Data File : BM031079.D
Acq On : 22 Jul 2021 23:20
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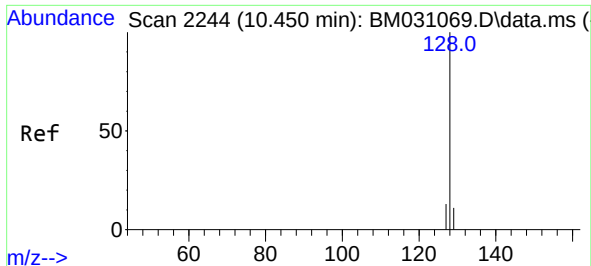
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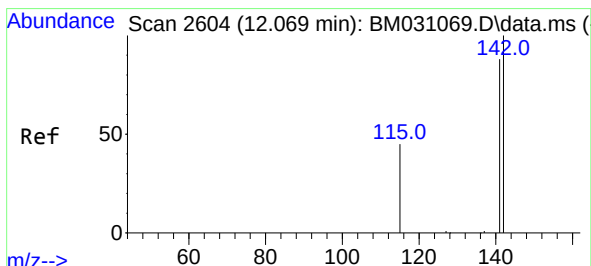
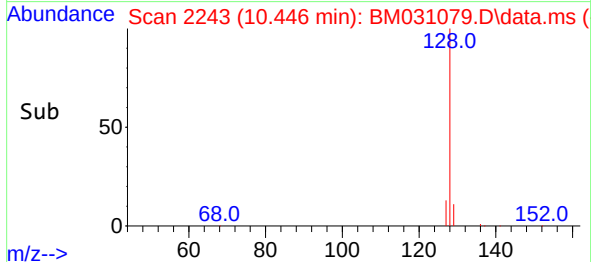
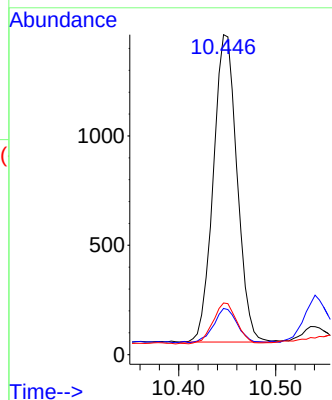
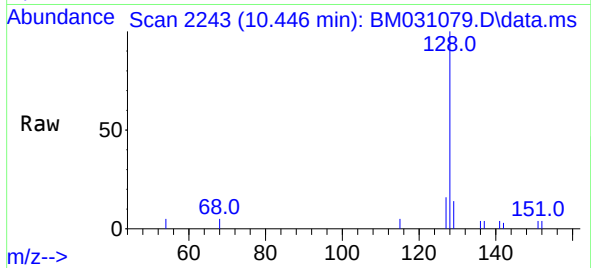
#5
Naphthalene
Concen: 0.142 ng/ul
RT: 10.446 min Scan# 2243
Delta R.T. -0.004 min
Lab File: BM031079.D
Acq: 22 Jul 2021 23:20

Tgt Ion:	128	Resp:	2388
Ion Ratio	Lower	Upper	
128	100		
129	14.4	10.2	15.4
127	16.1	11.8	17.8

Instrument :
BNA_M
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BGE98

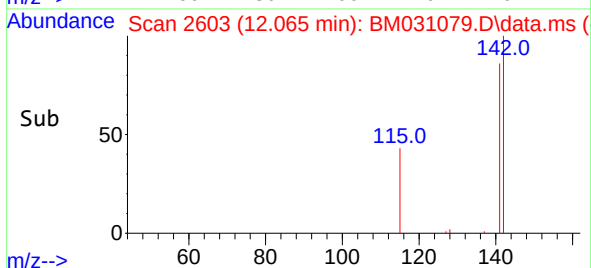
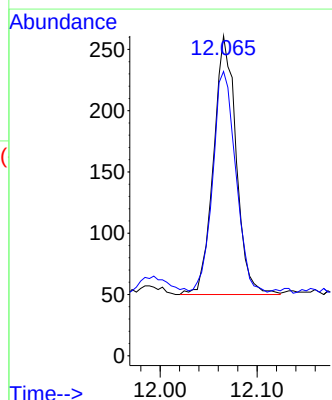
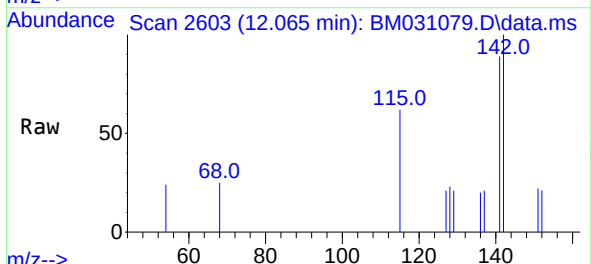
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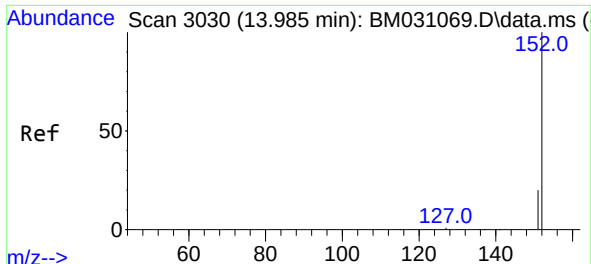
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#7
2-Methylnaphthalene
Concen: 0.028 ng/ul
RT: 12.065 min Scan# 2603
Delta R.T. -0.004 min
Lab File: BM031079.D
Acq: 22 Jul 2021 23:20

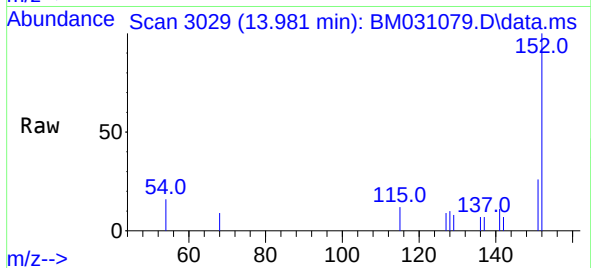
Tgt Ion:	142	Resp:	342
Ion Ratio	Lower	Upper	
142	100		
141	86.3	71.5	107.3





#10
Acenaphthylene
Concen: 0.067 ng/ul
RT: 13.981 min Scan# 3029
Delta R.T. -0.004 min
Lab File: BM031079.D
Acq: 22 Jul 2021 23:20

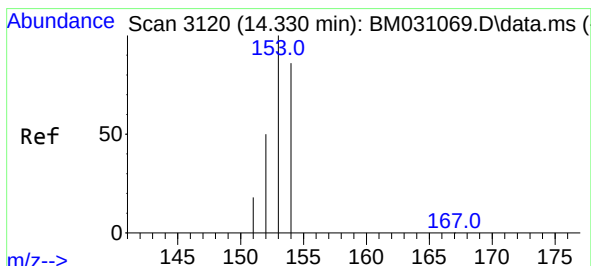
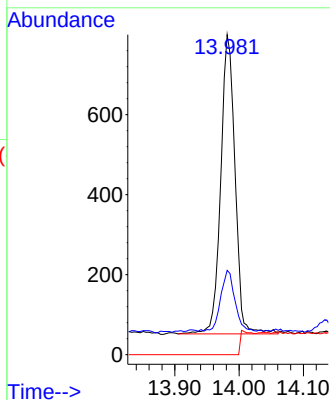
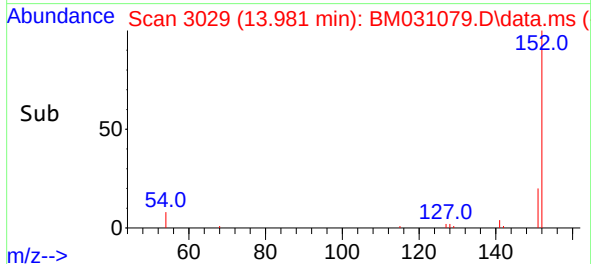
Instrument :
BNA_M
ClientSampled :
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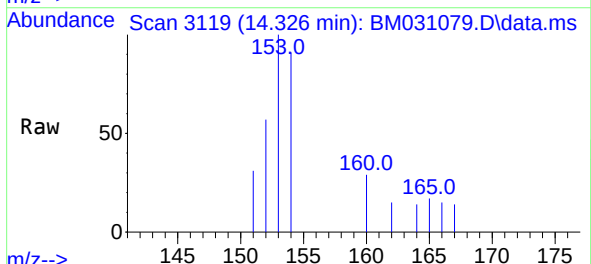
Tgt Ion:152 Resp: 1095
Ion Ratio Lower Upper
152 100
151 26.4 17.5 26.3#
153 0.0 0.0 0.0

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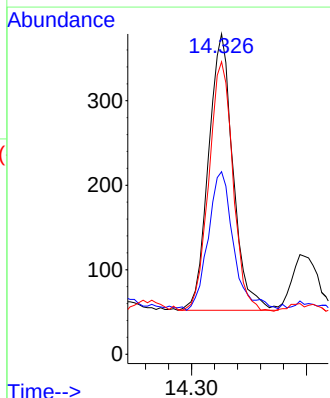
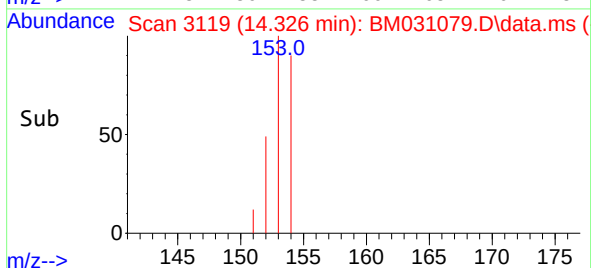
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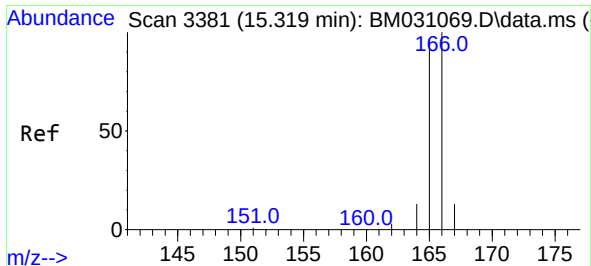


#11
Acenaphthene
Concen: 0.034 ng/ul
RT: 14.326 min Scan# 3119
Delta R.T. 0.000 min
Lab File: BM031079.D
Acq: 22 Jul 2021 23:20



Tgt Ion:153 Resp: 486
Ion Ratio Lower Upper
153 100
152 57.0 39.4 59.2
154 91.3 68.2 102.4





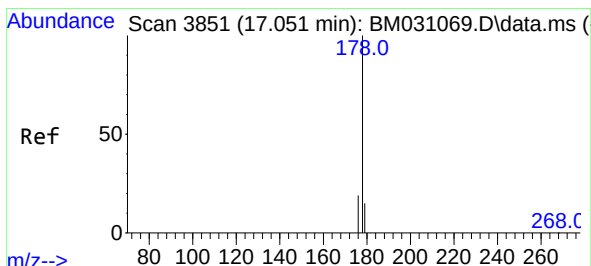
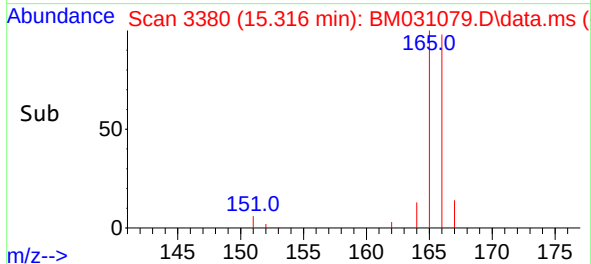
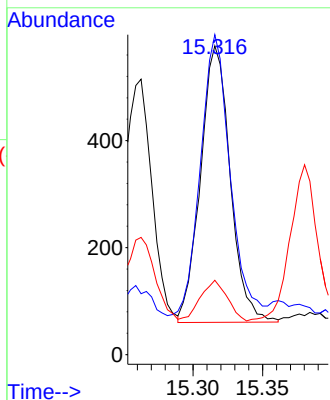
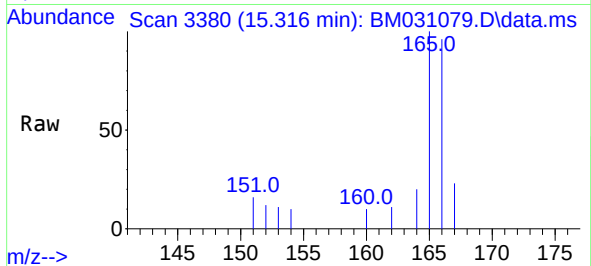
#12
Fluorene
Concen: 0.045 ng/ul
RT: 15.316 min Scan# 3380
Delta R.T. 0.000 min
Lab File: BM031079.D
Acq: 22 Jul 2021 23:20

Tgt Ion:	166	Resp:	767
Ion Ratio	Lower	Upper	
166	100		
165	103.6	78.2	117.2
167	24.1	12.3	18.5#

Instrument :
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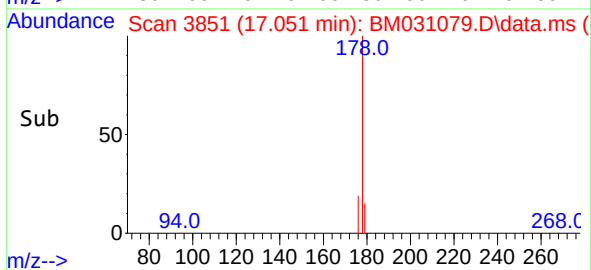
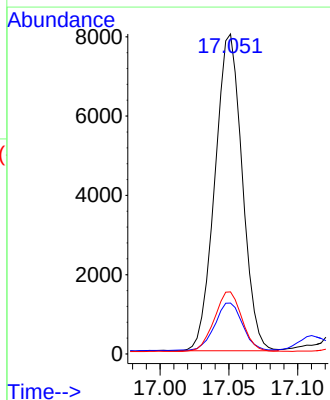
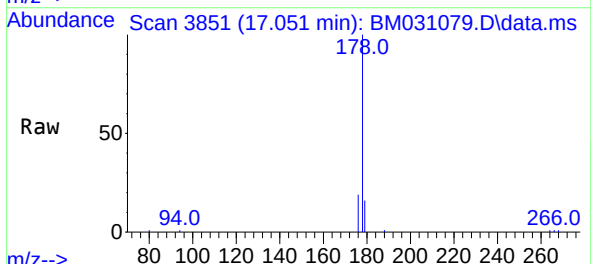
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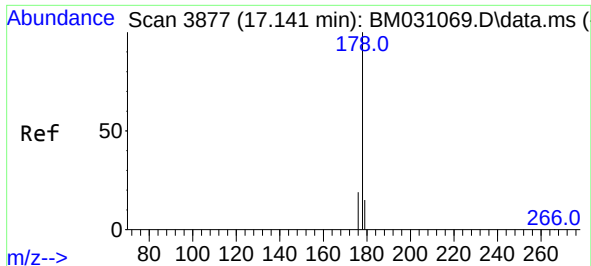
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#15
Phenanthrene
Concen: 0.401 ng/ul
RT: 17.051 min Scan# 3851
Delta R.T. 0.000 min
Lab File: BM031079.D
Acq: 22 Jul 2021 23:20

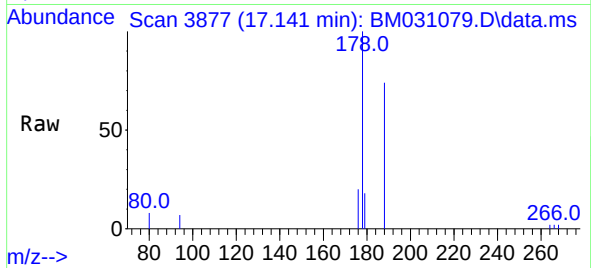
Tgt Ion:	178	Resp:	11021
Ion Ratio	Lower	Upper	
178	100		
179	15.9	13.3	19.9
176	19.4	15.4	23.2





#16
 Anthracene
 Concen: 0.148 ng/ul
 RT: 17.141 min Scan# 3877
 Delta R.T. 0.000 min
 Lab File: BM031079.D
 Acq: 22 Jul 2021 23:20

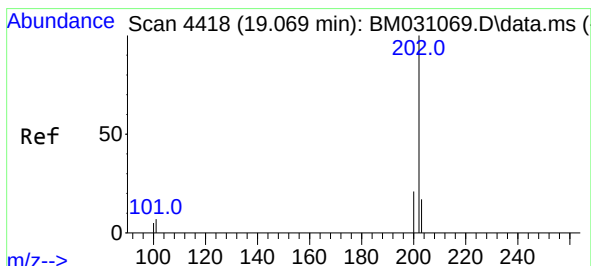
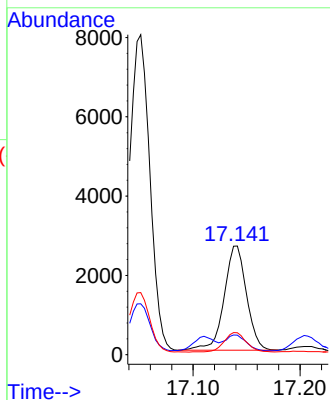
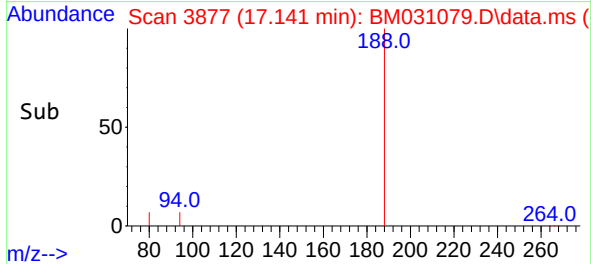
Instrument :
 BNA_M
 ClientSampled :
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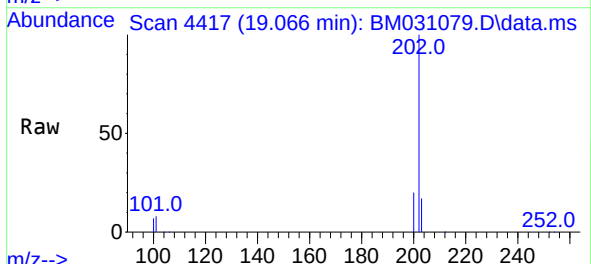
Tgt Ion:178 Resp: 3811
 Ion Ratio Lower Upper
 178 100
 179 18.0 13.8 20.8
 176 20.2 15.7 23.5

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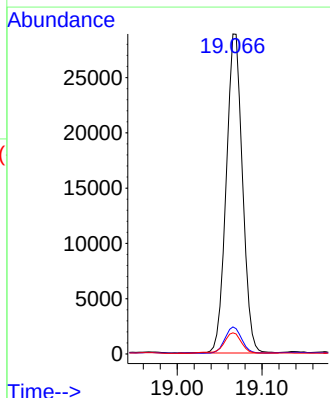
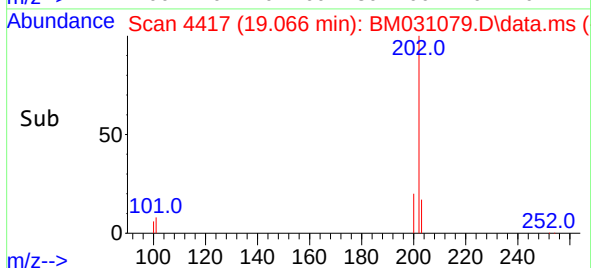
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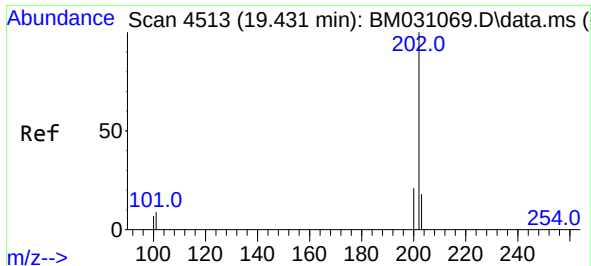


#19
 Fluoranthene
 Concen: 1.094 ng/ul
 RT: 19.066 min Scan# 4417
 Delta R.T. -0.004 min
 Lab File: BM031079.D
 Acq: 22 Jul 2021 23:20



Tgt Ion:202 Resp: 38469
 Ion Ratio Lower Upper
 202 100
 101 8.5 6.0 9.0
 100 6.6 4.8 7.2





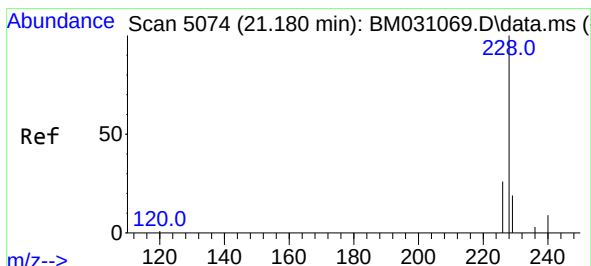
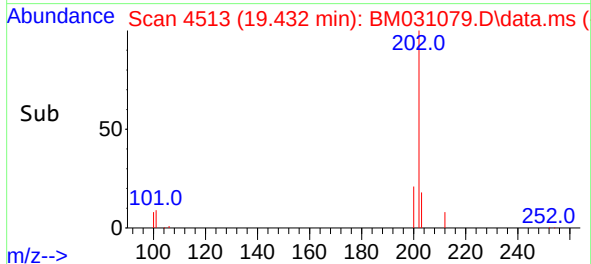
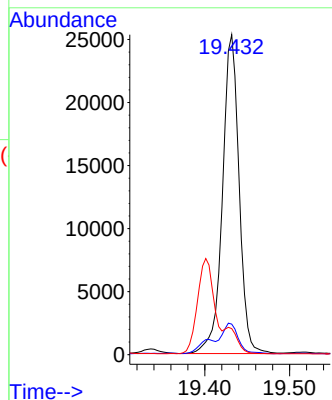
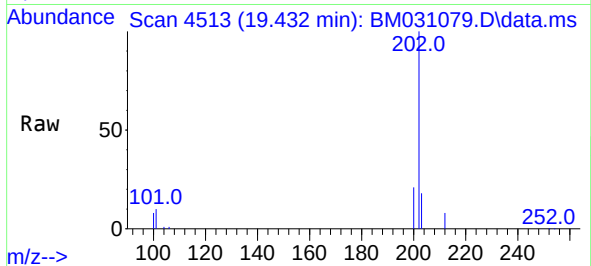
#20
Pyrene
Concen: 0.960 ng/ul
RT: 19.432 min Scan# 4513
Delta R.T. 0.000 min
Lab File: BM031079.D
Acq: 22 Jul 2021 23:20

Tgt Ion:202 Resp: 34446
Ion Ratio Lower Upper
202 100
101 9.6 7.4 11.0
100 8.1 6.0 9.0

Instrument :
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ClientSampleId :
BGE98

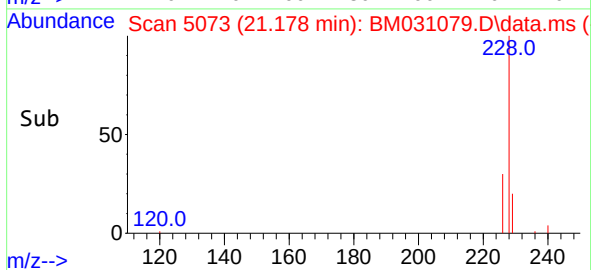
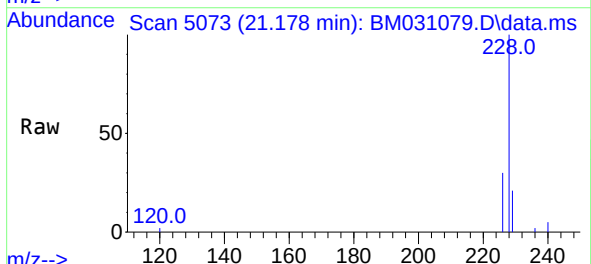
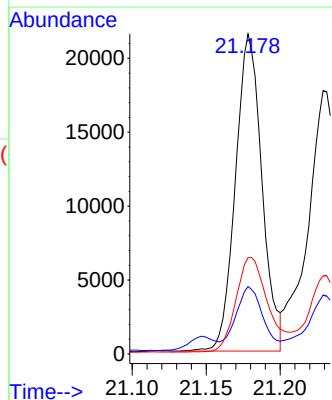
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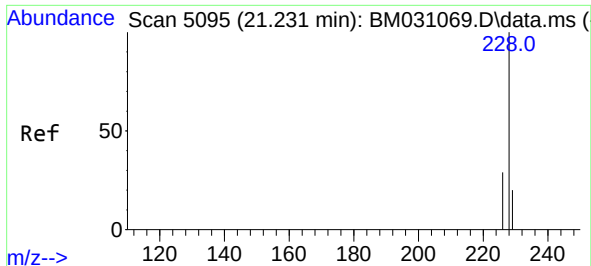
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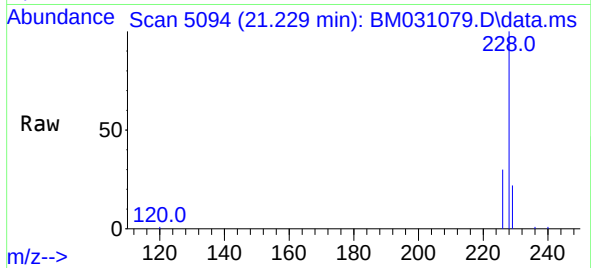
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Benzo(a)anthracene
Concen: 0.766 ng/ul
RT: 21.178 min Scan# 5073
Delta R.T. -0.005 min
Lab File: BM031079.D
Acq: 22 Jul 2021 23:20

Tgt Ion:228 Resp: 26700
Ion Ratio Lower Upper
228 100
229 21.0 16.0 24.0
226 30.1 21.4 32.2

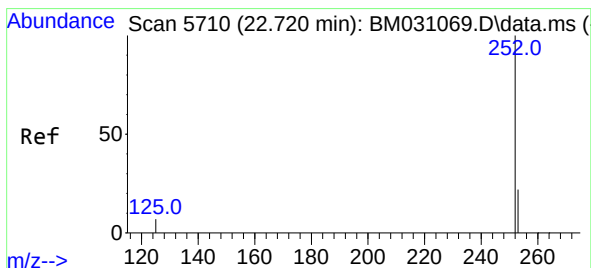
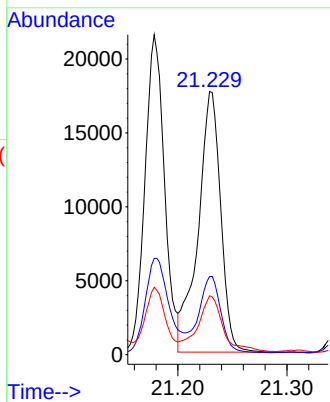
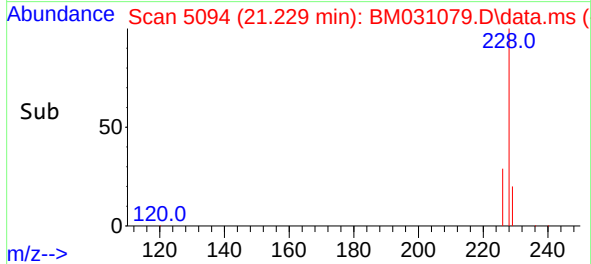




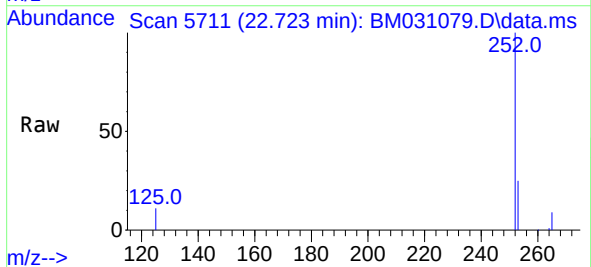
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Chrysene
Concen: 0.673 ng/ul
RT: 21.229 min Scan# 5094
Delta R.T. -0.005 min
Lab File: BM031079.D
Acq: 22 Jul 2021 23:20



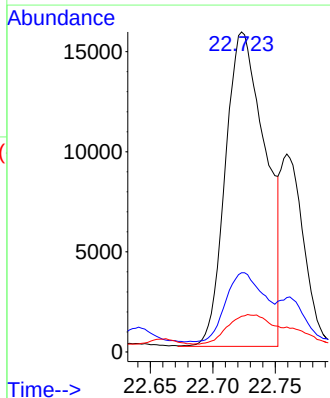
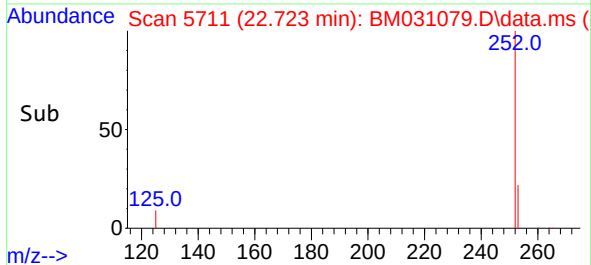
Tgt Ion:228 Resp: 25390
Ion Ratio Lower Upper
228 100
226 29.6 24.5 36.7
229 22.4 15.8 23.8



#24
Benzo(b)fluoranthene
Concen: 0.852 ng/ul m
RT: 22.723 min Scan# 5711
Delta R.T. -0.002 min
Lab File: BM031079.D
Acq: 22 Jul 2021 23:20



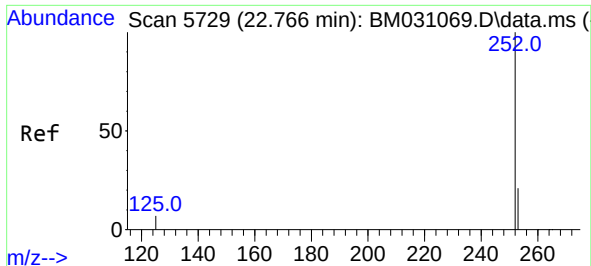
Tgt Ion:252 Resp: 34924
Ion Ratio Lower Upper
252 100
253 24.7 0.0 52.8
125 11.2 0.0 20.2



Instrument :
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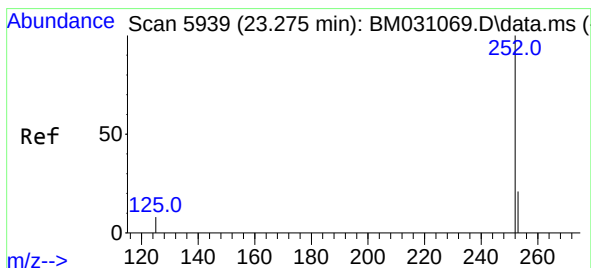
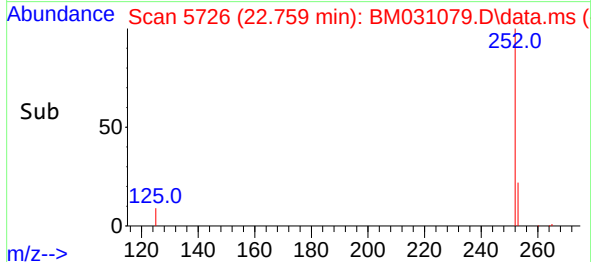
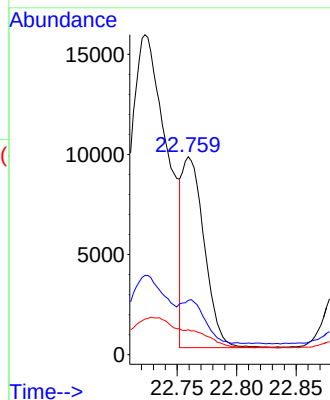
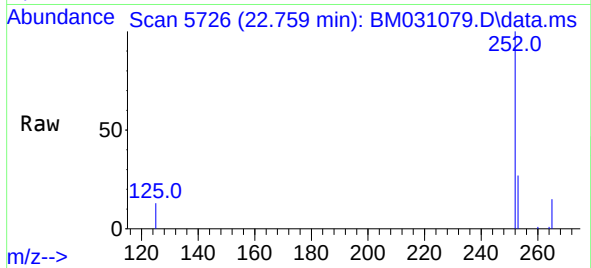
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Benzo(k)fluoranthene
Concen: 0.294 ng/ul m
RT: 22.759 min Scan# 5726
Delta R.T. -0.010 min
Lab File: BM031079.D
Acq: 22 Jul 2021 23:20

Tgt Ion:252	Resp:	12220
Ion Ratio	Lower	Upper
252	100	
253	27.5	21.6 32.4
125	12.6	8.6 13.0

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ClientSampled :
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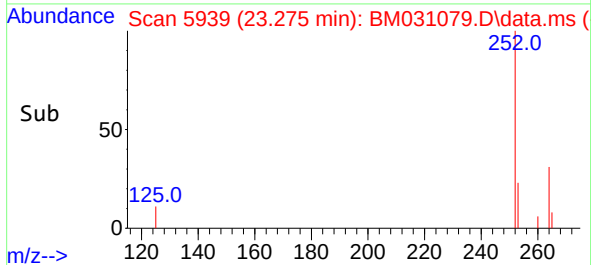
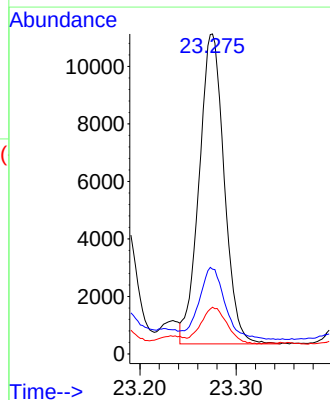
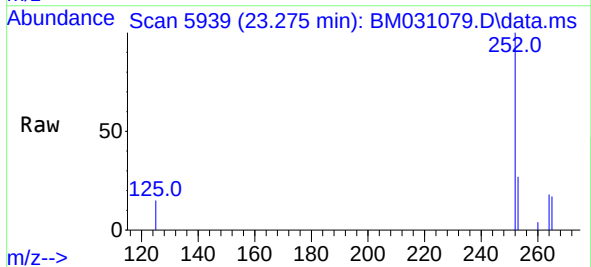
Manual Integrations
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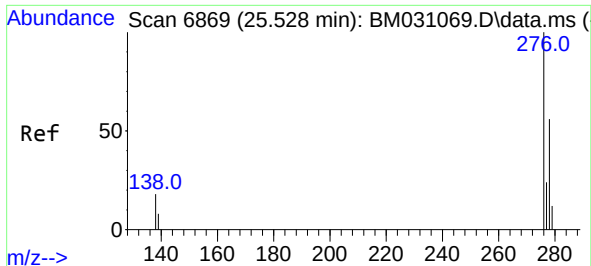
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#26
Benzo(a)pyrene
Concen: 0.550 ng/ul
RT: 23.275 min Scan# 5939
Delta R.T. -0.005 min
Lab File: BM031079.D
Acq: 22 Jul 2021 23:20

Tgt Ion:252	Resp:	19499
Ion Ratio	Lower	Upper
252	100	
253	26.5	23.1 34.7
125	14.6	10.7 16.1





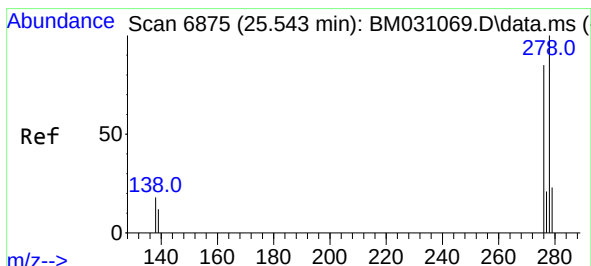
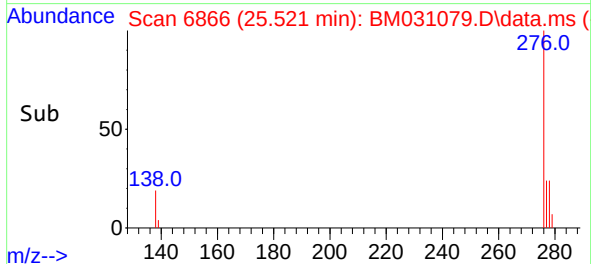
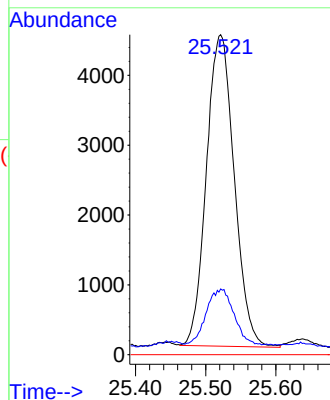
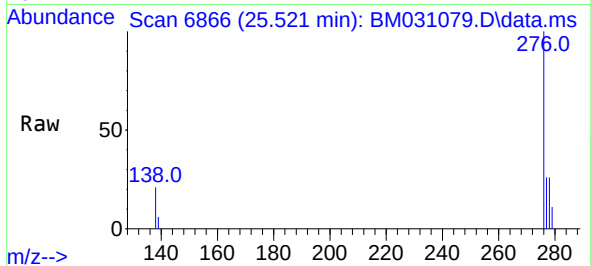
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.265 ng/ul
RT: 25.521 min Scan# 6866
Delta R.T. -0.014 min
Lab File: BM031079.D
Acq: 22 Jul 2021 23:20

Tgt Ion:	276	Resp:	12297
Ion Ratio	Lower	Upper	
276	100		
138	19.9	15.4	23.0
227	0.0	0.0	0.0

Instrument :
BNA_M
ClientSampled :
BGE98

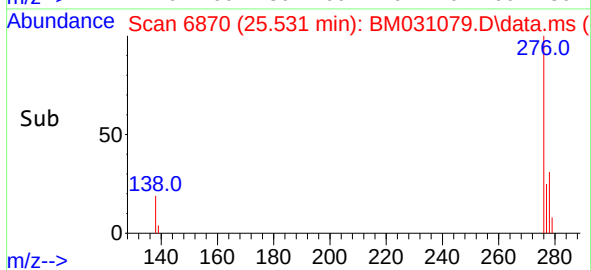
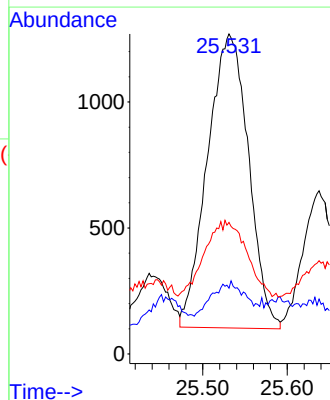
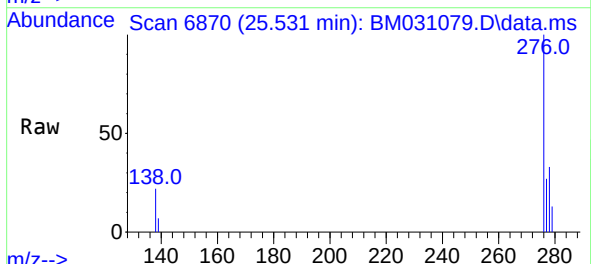
Manual Integrations
APPROVED

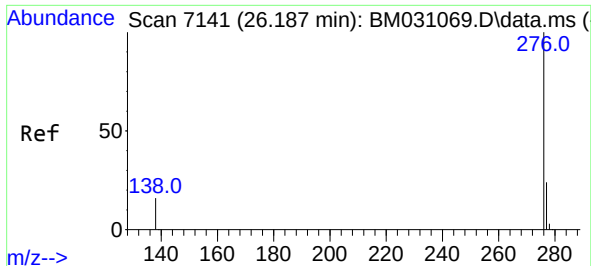
mohammad
7/23/2021 11:52:14 AM



#28
Dibenzo(a,h)anthracene
Concen: 0.106 ng/ul
RT: 25.531 min Scan# 6870
Delta R.T. -0.019 min
Lab File: BM031079.D
Acq: 22 Jul 2021 23:20

Tgt Ion:	278	Resp:	3936
Ion Ratio	Lower	Upper	
278	100		
139	20.6	12.6	18.8#
279	41.1	22.6	34.0#





#29
Benzo(g,h,i)perylene
Concen: 0.023 ng/ul
RT: 26.178 min Scan# 7137
Delta R.T. -0.014 min
Lab File: BM031079.D
Acq: 22 Jul 2021 23:20

Tgt Ion	Ratio	Lower	Upper
276	100		
138	42.2	14.0	21.0#
277	45.9	19.9	29.9#

Instrument :
BNA_M
ClientSampleId :
BGE98

Manual Integrations
APPROVED

mohammad
7/23/2021 11:52:14 AM

