

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072221\
 Data File : BM031062.D
 Acq On : 22 Jul 2021 12:14
 Operator : CG/JU
 Sample : M2971-16DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGAE2DL

Manual Integrations
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Quant Time: Jul 22 14:02:56 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	7.639	152	1480	0.400	ng/ul	0.00
4) Naphthalene-d8	10.401	136	5813	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.265	164	3818	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.013	188	8408	0.400	ng/ul	0.00
17) Chrysene-d12	21.197	240	8424	0.400	ng/ul	0.00
23) Perylene-d12	23.375	264	7768	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.217	96	538	0.346	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.998	152	345	0.034	ng/ul	0.00
18) Fluoranthene-d10	19.039	212	1044	0.041	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.451	128	906	0.052	ng/ul#	85
10) Acenaphthylene	13.986	152	1161	0.074	ng/ul	96
11) Acenaphthene	14.330	153	658	0.048	ng/ul	93
12) Fluorene	15.319	166	888	0.055	ng/ul#	98
15) Phenanthrene	17.051	178	13237	0.496	ng/ul	99
16) Anthracene	17.141	178	7991	0.319	ng/ul	98
19) Fluoranthene	19.069	202	54222	1.599	ng/ul	98
20) Pyrene	19.432	202	40423	1.168	ng/ul	98
21) Benzo(a)anthracene	21.183	228	34529	1.026	ng/ul	96
22) Chrysene	21.234	228	29714	0.816	ng/ul	97
24) Benzo(b)fluoranthene	22.728	252	38276m	1.048	ng/ul	
25) Benzo(k)fluoranthene	22.764	252	14747m	0.398	ng/ul	
26) Benzo(a)pyrene	23.280	252	19238	0.609	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.529	276	12407	0.300	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.543	278	4242	0.128	ng/ul#	84

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

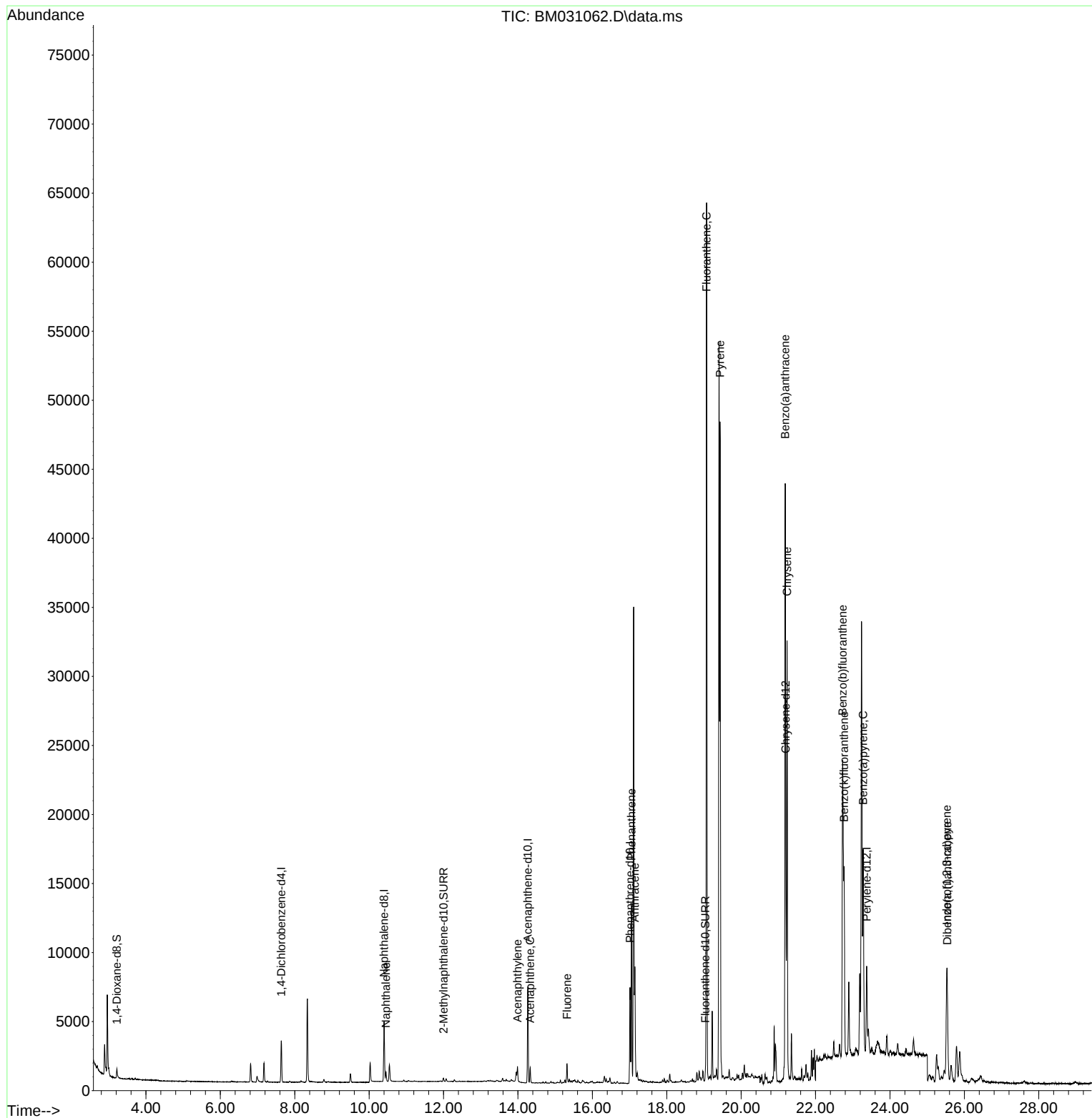
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Data File : BM031062.D
Acq On : 22 Jul 2021 12:14
Operator : CG/JU
Sample : M2971-16DL 5X
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ALS Vial : 7 Sample Multiplier: 1

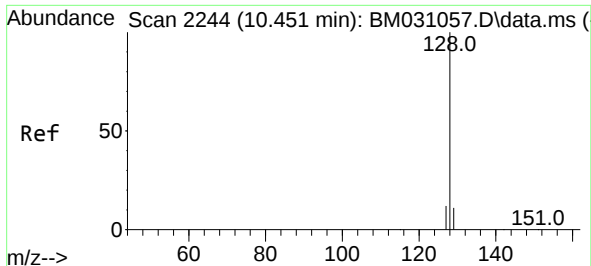
Instrument :
BNA_M
ClientSampleId :
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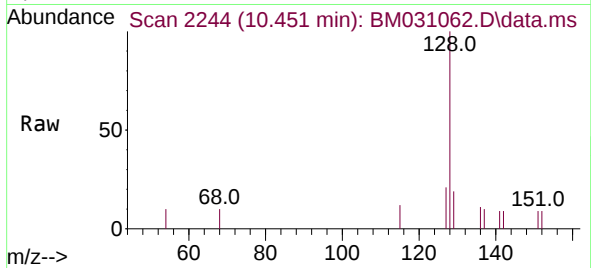
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Quant Time: Jul 22 14:02:56 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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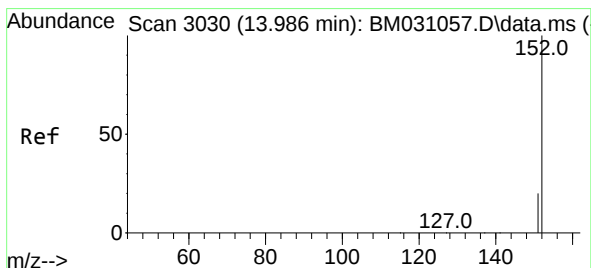
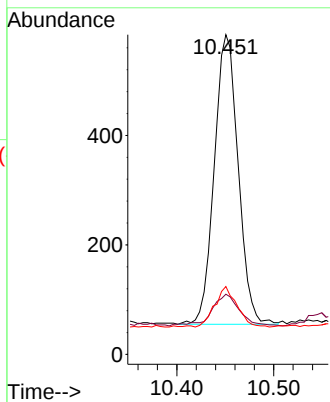
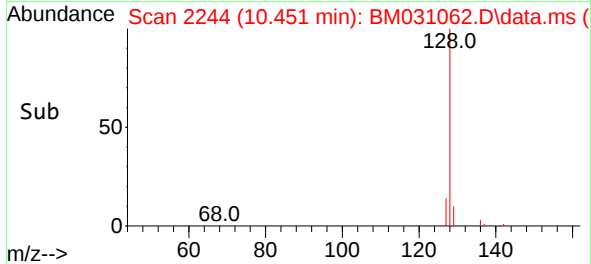




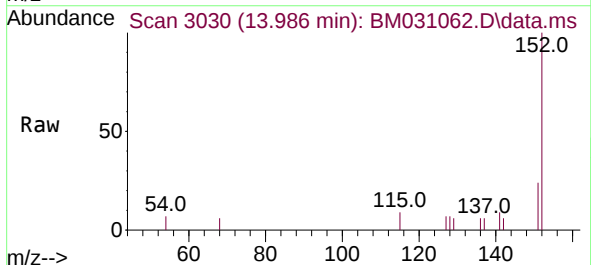
#5
Naphthalene
Concen: 0.052 ng/ul
RT: 10.451 min Scan# 2244
Delta R.T. 0.000 min
Lab File: BM031062.D
Acq: 22 Jul 2021 12:14



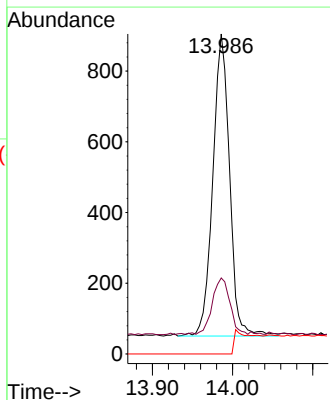
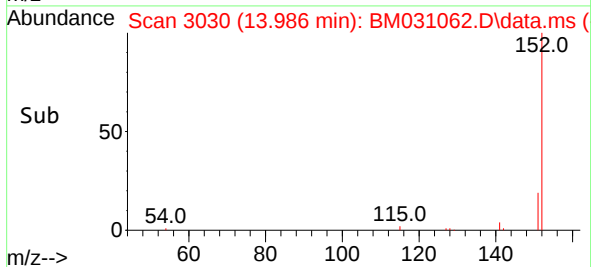
Tgt Ion:128 Resp: 906
Ion Ratio Lower Upper
128 100
129 18.8 10.2 15.4#
127 21.2 11.8 17.8#



#10
Acenaphthylene
Concen: 0.074 ng/ul
RT: 13.986 min Scan# 3030
Delta R.T. 0.000 min
Lab File: BM031062.D
Acq: 22 Jul 2021 12:14



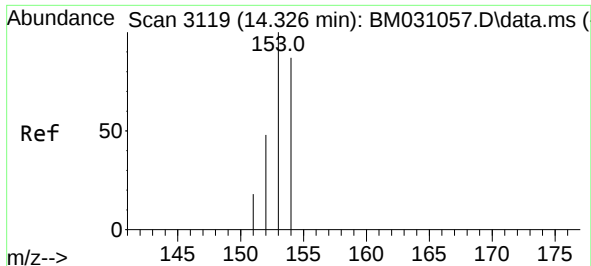
Tgt Ion:152 Resp: 1161
Ion Ratio Lower Upper
152 100
151 23.8 17.5 26.3
153 0.0 0.0 0.0



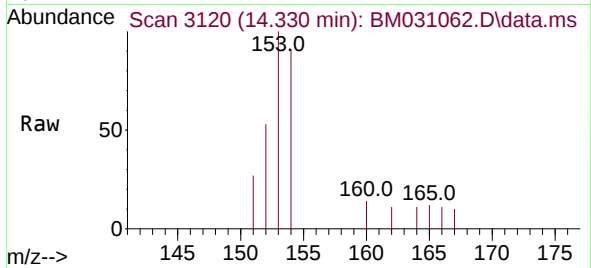
Instrument :
BNA_M
ClientSampleId :
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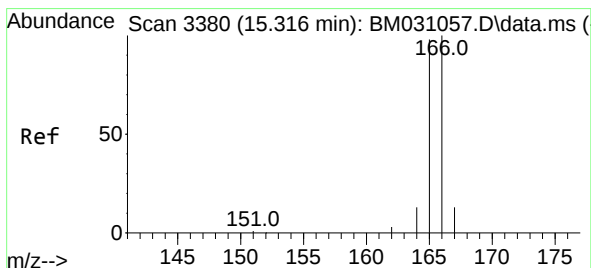
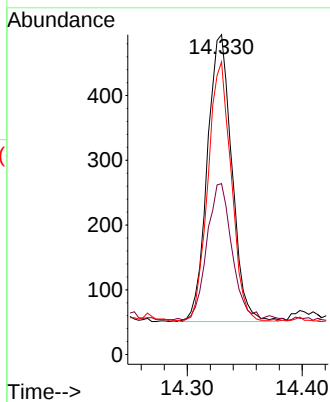
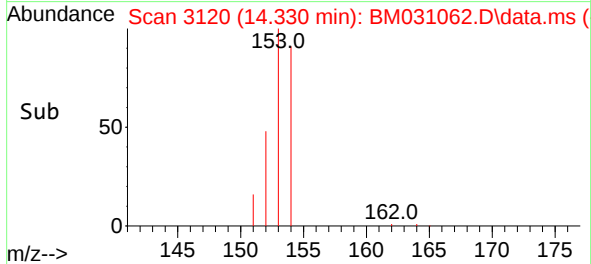
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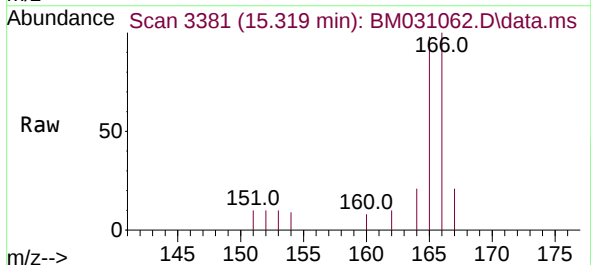
#11
Acenaphthene
Concen: 0.048 ng/ul
RT: 14.330 min Scan# 3120
Delta R.T. 0.004 min
Lab File: BM031062.D
Acq: 22 Jul 2021 12:14



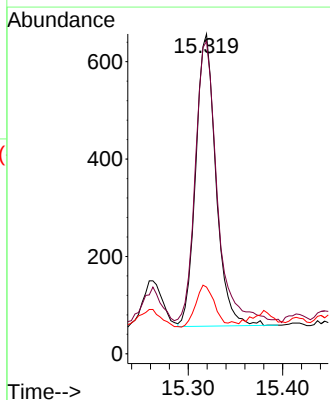
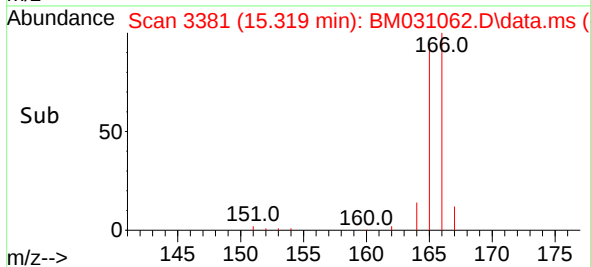
Tgt Ion:153 Resp: 658
Ion Ratio Lower Upper
153 100
152 53.4 39.4 59.2
154 91.5 68.2 102.4



#12
Fluorene
Concen: 0.055 ng/ul
RT: 15.319 min Scan# 3381
Delta R.T. 0.004 min
Lab File: BM031062.D
Acq: 22 Jul 2021 12:14



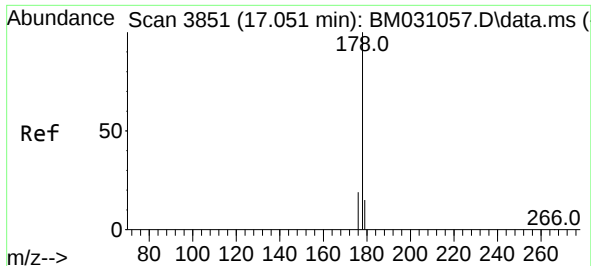
Tgt Ion:166 Resp: 888
Ion Ratio Lower Upper
166 100
165 97.7 78.2 117.2
167 20.9 12.3 18.5#



Instrument :
BNA_M
ClientSampleId :
BGEA2DL

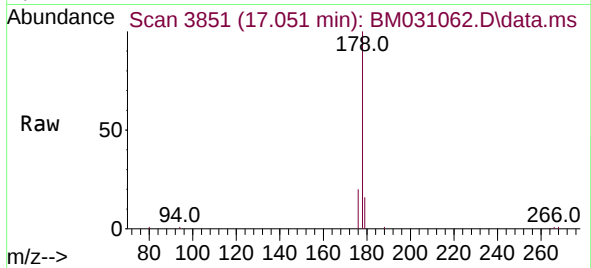
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#15
Phenanthrene
Concen: 0.496 ng/ul
RT: 17.051 min Scan# 3851
Delta R.T. 0.000 min
Lab File: BM031062.D
Acq: 22 Jul 2021 12:14

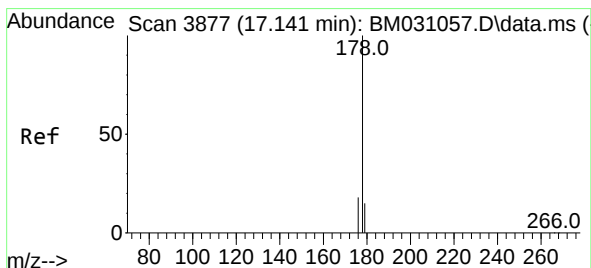
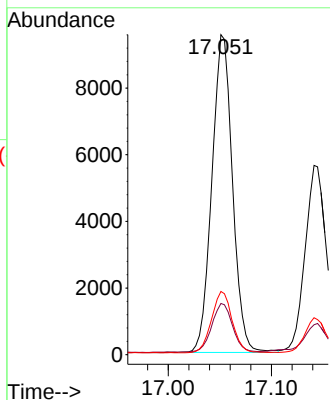
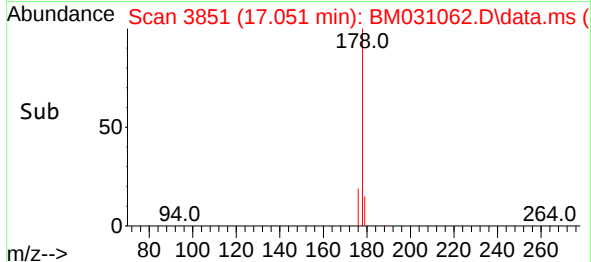
Instrument :
BNA_M
ClientSampled :
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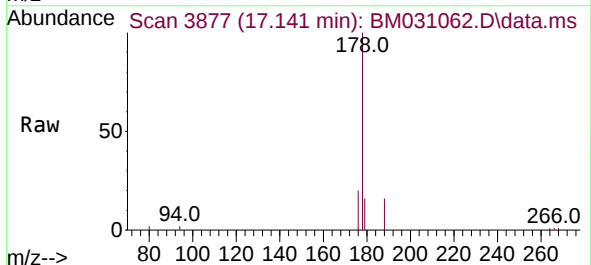
Tgt Ion:178 Resp: 13237
Ion Ratio Lower Upper
178 100
179 16.0 13.3 19.9
176 19.8 15.4 23.2

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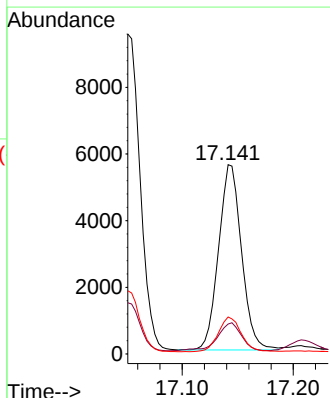
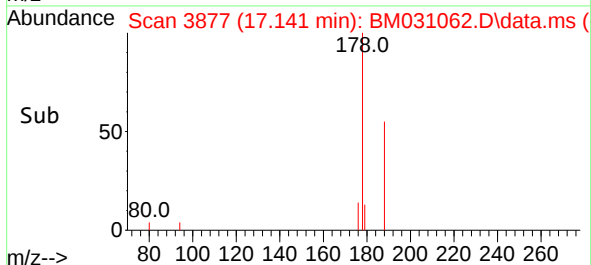
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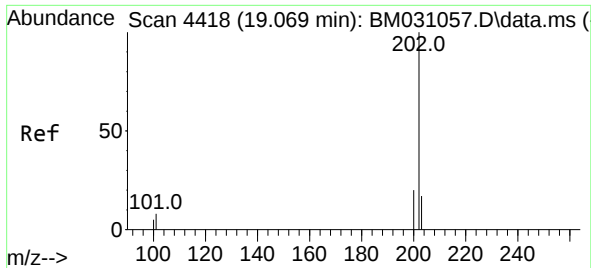


#16
Anthracene
Concen: 0.319 ng/ul
RT: 17.141 min Scan# 3877
Delta R.T. 0.000 min
Lab File: BM031062.D
Acq: 22 Jul 2021 12:14



Tgt Ion:178 Resp: 7991
Ion Ratio Lower Upper
178 100
179 15.8 13.8 20.8
176 19.5 15.7 23.5





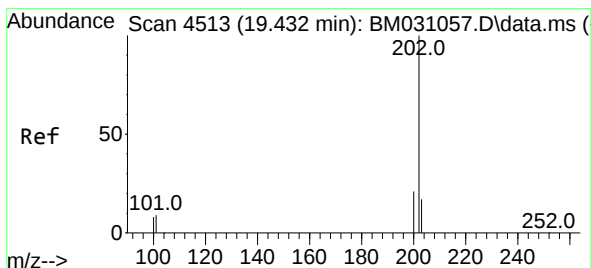
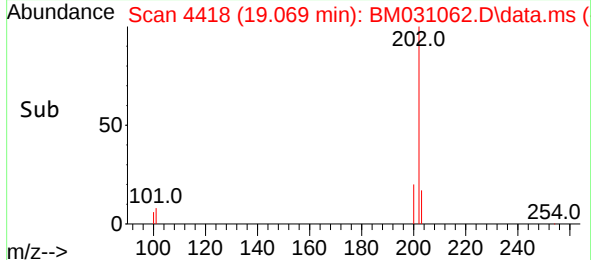
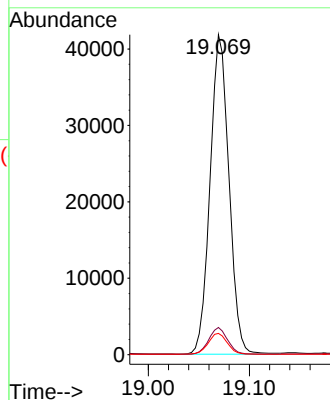
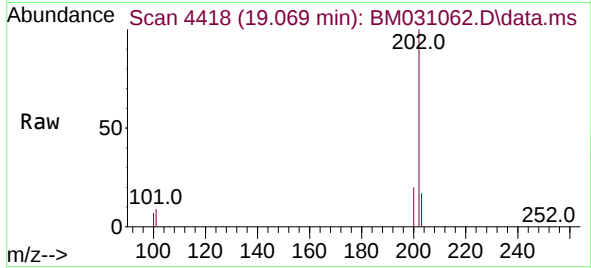
#19
Fluoranthene
Concen: 1.599 ng/ul
RT: 19.069 min Scan# 4418
Delta R.T. 0.000 min
Lab File: BM031062.D
Acq: 22 Jul 2021 12:14

Tgt Ion:	202	Resp:	54222
Ion Ratio	Lower	Upper	
202	100		
101	8.5	6.0	9.0
100	6.7	4.8	7.2

Instrument :
BNA_M
ClientSampleId :
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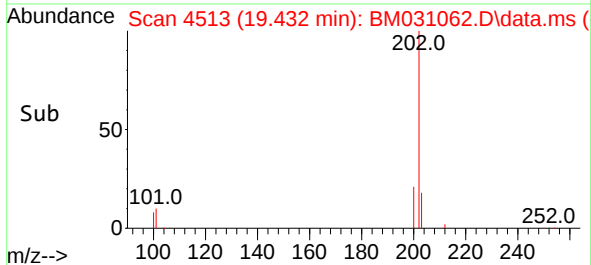
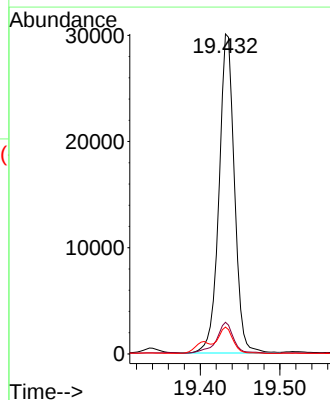
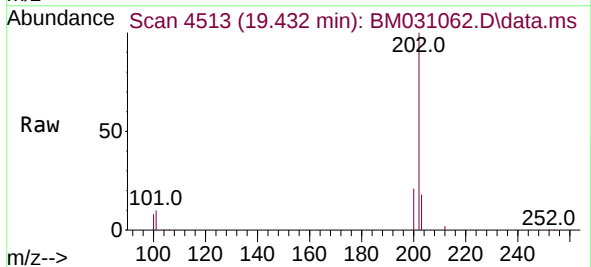
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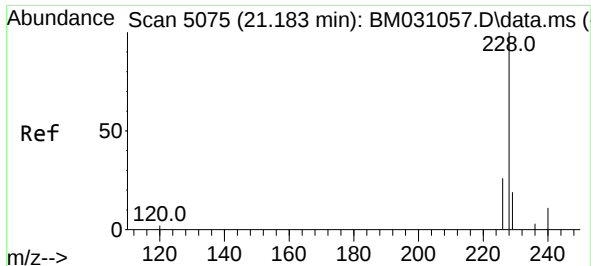
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#20
Pyrene
Concen: 1.168 ng/ul
RT: 19.432 min Scan# 4513
Delta R.T. 0.000 min
Lab File: BM031062.D
Acq: 22 Jul 2021 12:14

Tgt Ion:	202	Resp:	40423
Ion Ratio	Lower	Upper	
202	100		
101	9.9	7.4	11.0
100	8.4	6.0	9.0





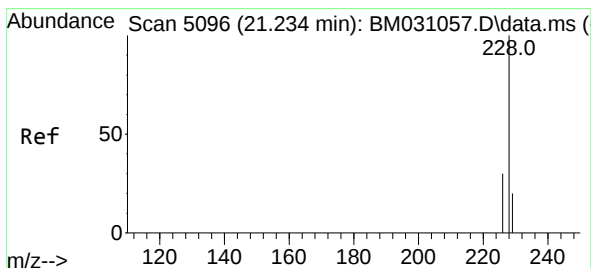
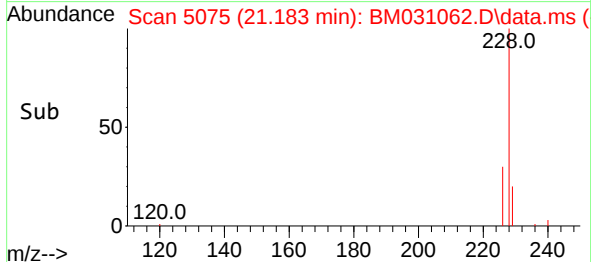
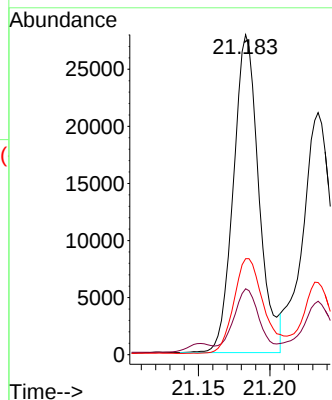
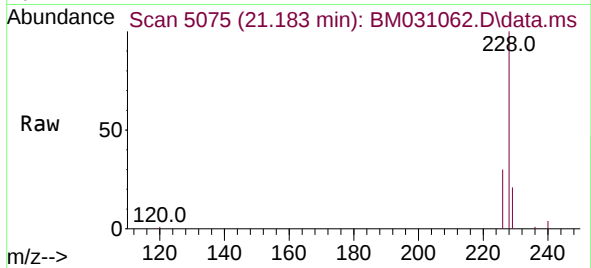
#21
Benzo(a)anthracene
Concen: 1.026 ng/ul
RT: 21.183 min Scan# 5075
Delta R.T. 0.000 min
Lab File: BM031062.D
Acq: 22 Jul 2021 12:14

Tgt Ion:228 Resp: 34529
Ion Ratio Lower Upper
228 100
229 20.6 16.0 24.0
226 30.0 21.4 32.2

Instrument :
BNA_M
ClientSampleId :
BGEA2DL

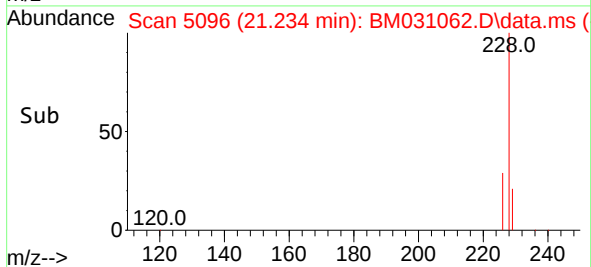
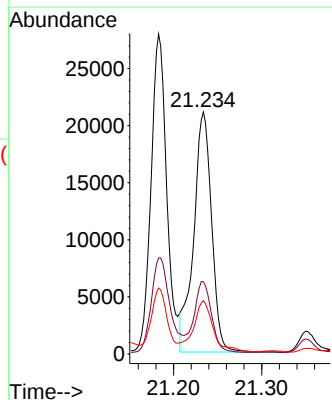
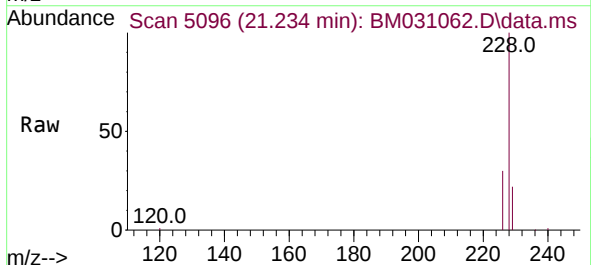
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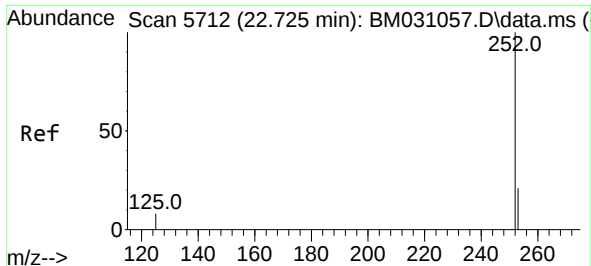
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#22
Chrysene
Concen: 0.816 ng/ul
RT: 21.234 min Scan# 5096
Delta R.T. 0.000 min
Lab File: BM031062.D
Acq: 22 Jul 2021 12:14

Tgt Ion:228 Resp: 29714
Ion Ratio Lower Upper
228 100
226 29.8 24.5 36.7
229 22.1 15.8 23.8





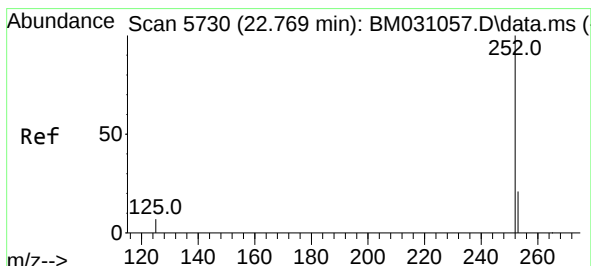
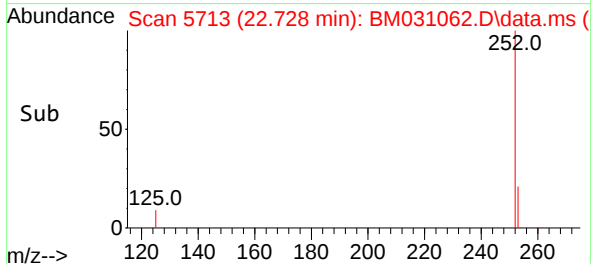
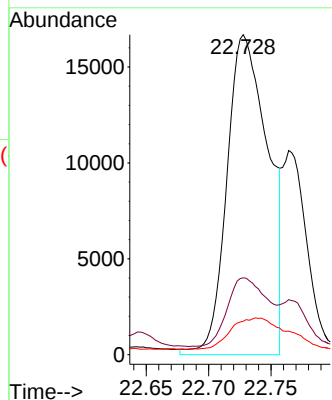
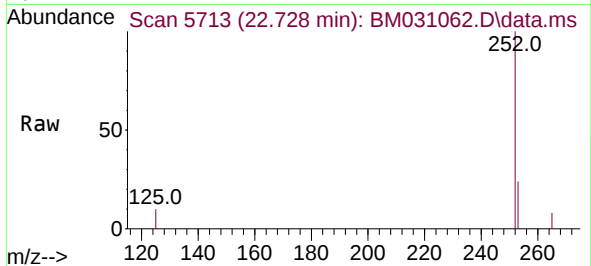
#24
Benzo(b)fluoranthene
Concen: 1.048 ng/ul m
RT: 22.728 min Scan# 5713
Delta R.T. 0.002 min
Lab File: BM031062.D
Acq: 22 Jul 2021 12:14

Tgt Ion:	252	Resp:	38276
Ion Ratio	Lower	Upper	
252	100		
253	24.0	0.0	52.8
125	10.4	0.0	20.2

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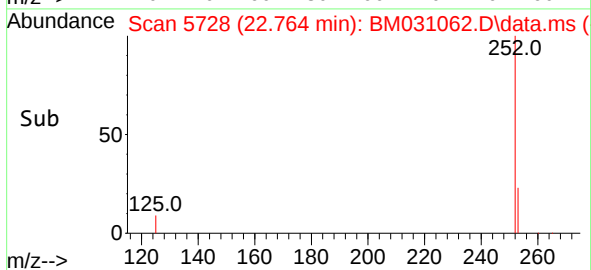
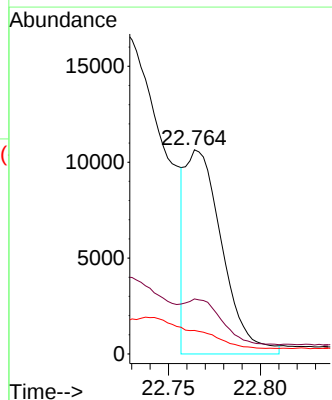
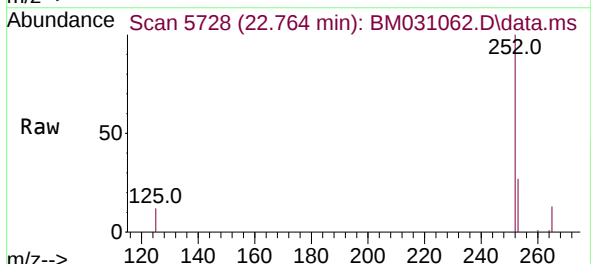
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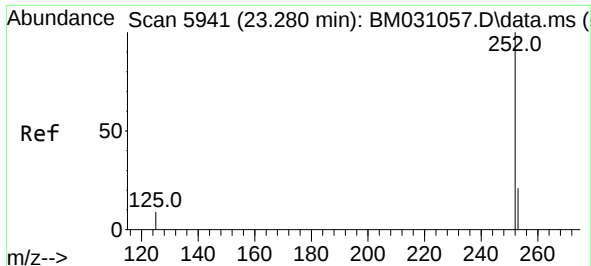
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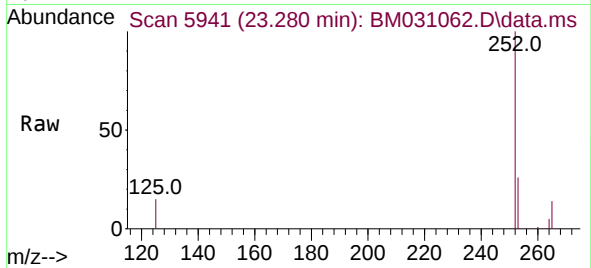
#25
Benzo(k)fluoranthene
Concen: 0.398 ng/ul m
RT: 22.764 min Scan# 5728
Delta R.T. -0.005 min
Lab File: BM031062.D
Acq: 22 Jul 2021 12:14

Tgt Ion:	252	Resp:	14747
Ion Ratio	Lower	Upper	
252	100		
253	27.0	21.6	32.4
125	11.5	8.6	13.0

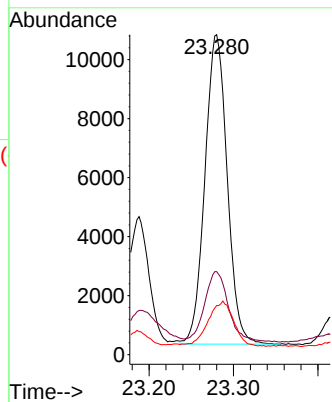
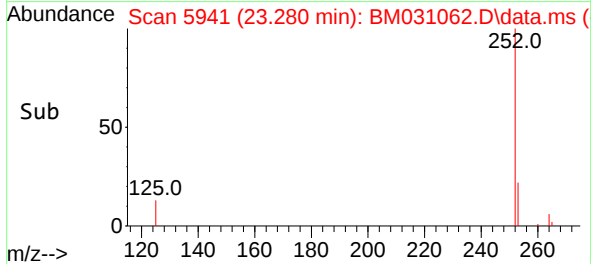




#26
Benzo(a)pyrene
Concen: 0.609 ng/ul
RT: 23.280 min Scan# 5941
Delta R.T. 0.000 min
Lab File: BM031062.D
Acq: 22 Jul 2021 12:14



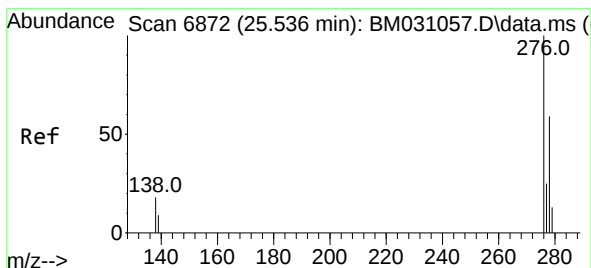
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Ion Ratio Lower Upper
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253 26.0 23.1 34.7
125 15.3 10.7 16.1



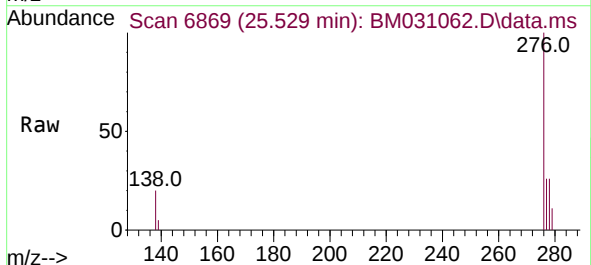
Instrument :
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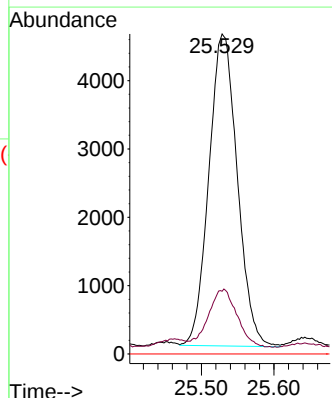
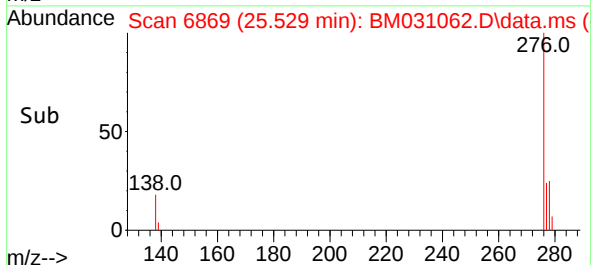
mohammad
7/23/2021 11:52:01 AM

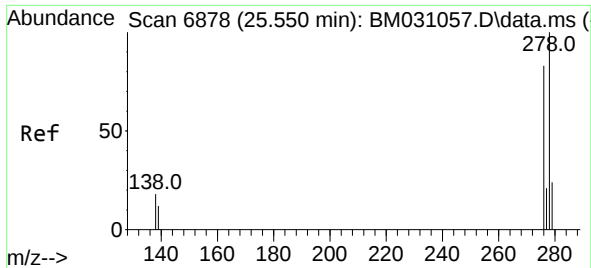


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.300 ng/ul
RT: 25.529 min Scan# 6869
Delta R.T. -0.007 min
Lab File: BM031062.D
Acq: 22 Jul 2021 12:14



Tgt Ion:276 Resp: 12407
Ion Ratio Lower Upper
276 100
138 18.9 15.4 23.0
227 0.0 0.0 0.0





#28

Dibenzo(a,h)anthracene

Concen: 0.128 ng/ul

RT: 25.543 min Scan# 6875

Delta R.T. -0.007 min

Lab File: BM031062.D

Acq: 22 Jul 2021 12:14

Tgt Ion: 278 Resp: 4242

Ion Ratio Lower Upper

278 100

139 19.4 12.6 18.8#

279 39.3 22.6 34.0#

Instrument :

BNA_M

ClientSampleId :

BGEA2DL

Manual Integrations

APPROVED

mohammad

7/23/2021 11:52:01 AM

