

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062821\
 Data File : BM030691.D
 Acq On : 29 Jun 2021 14:59
 Operator : CG/JU
 Sample : M2680-07DL 5X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGDD3DL

Manual Integrations
 APPROVED

mohammad
 6/30/2021 10:25:09 AM

Quant Time: Jun 29 15:43:46 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM062821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 28 14:33:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.791	152	2090	0.400	ng/ul	0.00
4) Naphthalene-d8	10.572	136	7802	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.413	164	4737	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.152	188	9051	0.400	ng/ul	0.00
17) Chrysene-d12	21.326	240	8571m	0.400	ng/ul	0.00
23) Perylene-d12	23.581	264	11253	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.282	96	1402	0.616	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.160	152	489	0.040	ng/ul	0.00
18) Fluoranthene-d10	19.172	212	730	0.030	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.621	128	74636	3.357	ng/ul	98
7) 2-Methylnaphthalene	12.236	142	8632	0.577	ng/ul	99
8) 1-Methylnaphthalene	12.457	142	6212	0.427	ng/ul	98
10) Acenaphthylene	14.133	152	254720	12.046	ng/ul	99
11) Acenaphthene	14.478	153	118598	6.921	ng/ul	97
12) Fluorene	15.460	166	351040	18.572	ng/ul	99
15) Phenanthrene	17.197	178	2900800	95.335	ng/ul	99
16) Anthracene	17.287	178	1812417	68.016	ng/ul	97
19) Fluoranthene	19.214	202	4917264	129.982	ng/ul	100
20) Pyrene	19.573	202	3966258	104.263	ng/ul	100
21) Benzo(a)anthracene	21.311	228	2031870m	59.470	ng/ul	
22) Chrysene	21.362	228	1622452	42.392	ng/ul	96
24) Benzo(b)fluoranthene	22.907	252	1906814m	38.257	ng/ul	
25) Benzo(k)fluoranthene	22.946	252	707069m	13.760	ng/ul	
26) Benzo(a)pyrene	23.488	252	1586265	37.418	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	25.865	276	898511	16.270	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.870	278	225884	5.097	ng/ul	96
29) Benzo(g,h,i)perylene	26.565	276	698277	14.553	ng/ul	95

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

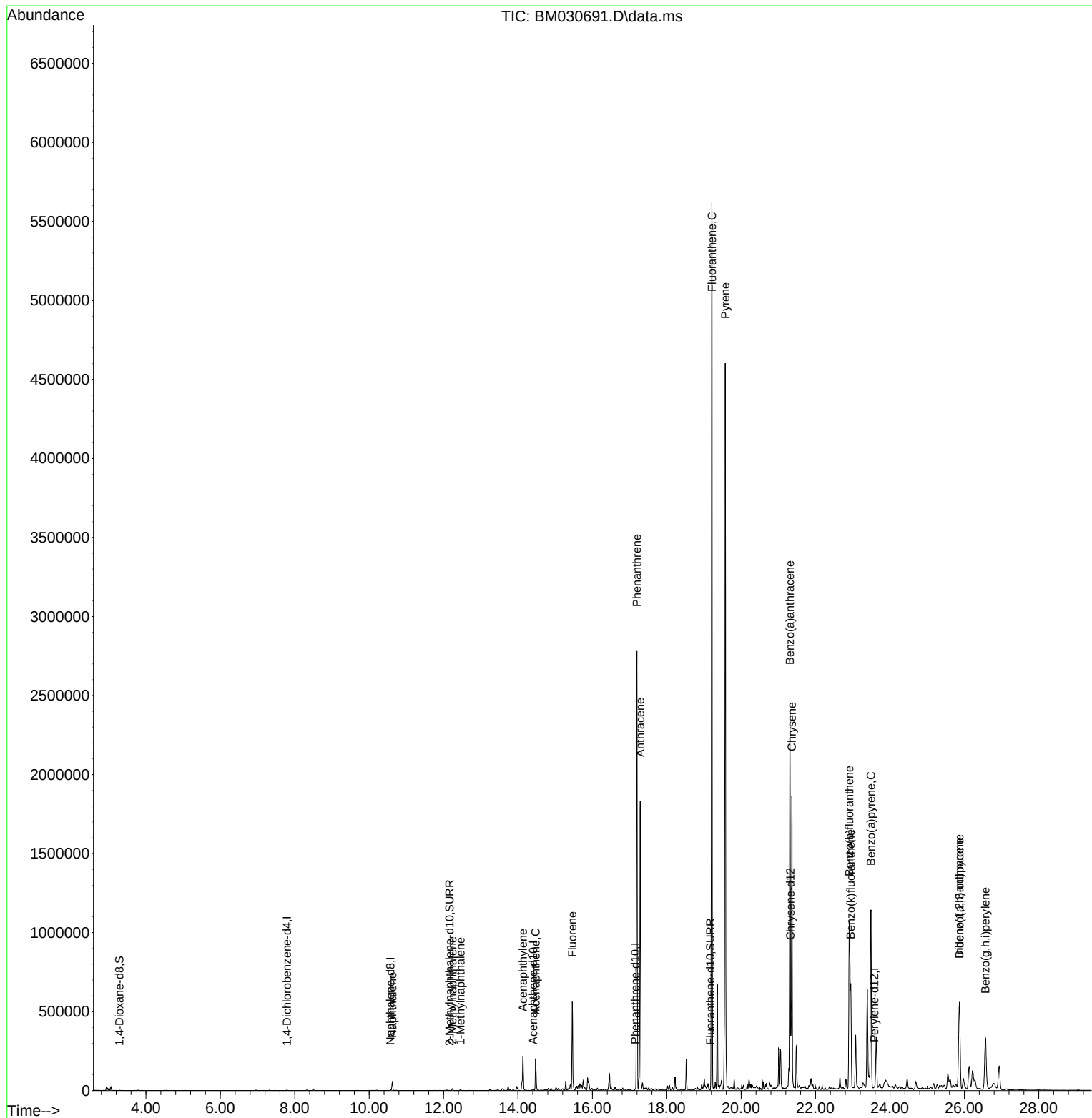
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062821\
Data File : BM030691.D
Acq On : 29 Jun 2021 14:59
Operator : CG/JU
Sample : M2680-07DL 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

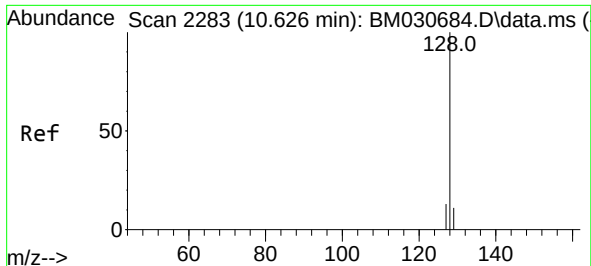
Instrument :
BNA_M
ClientSampleId :
BGDD3DL

Manual Integrations
APPROVED

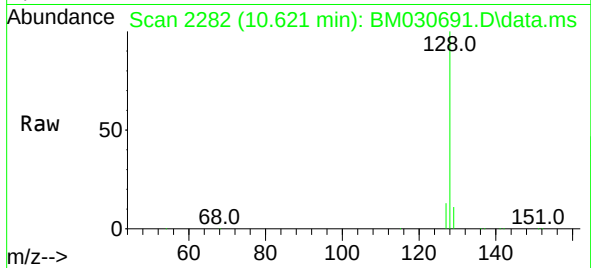
mohammad
6/30/2021 10:25:09 AM

Quant Time: Jun 29 15:43:46 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM062821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 28 14:33:12 2021
Response via : Initial Calibration

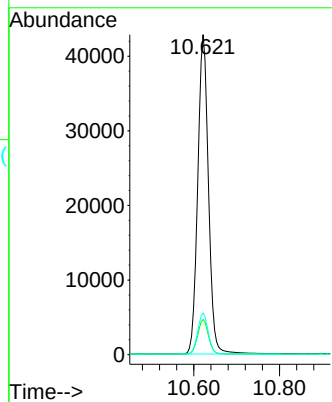
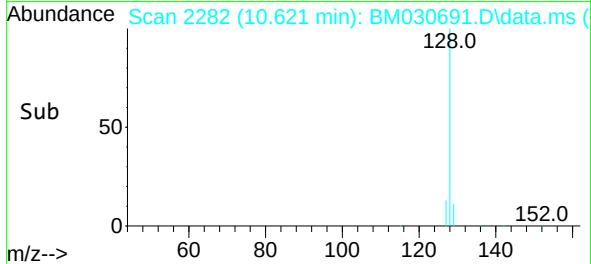




#5
Naphthalene
Concen: 3.357 ng/ul
RT: 10.621 min Scan# 2282
Delta R.T. -0.008 min
Lab File: BM030691.D
Acq: 29 Jun 2021 14:59



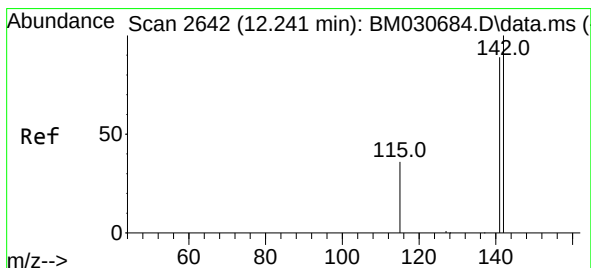
Tgt Ion:128 Resp: 74636
Ion Ratio Lower Upper
128 100
129 11.0 9.5 14.3
127 13.0 11.2 16.8



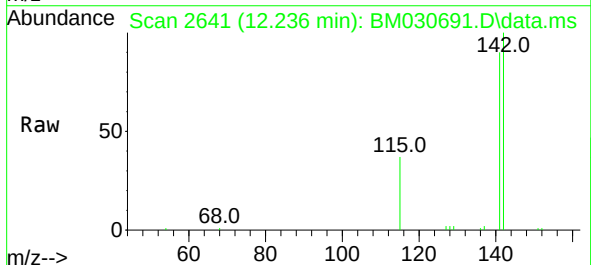
Instrument :
BNA_M
ClientSampled :
BGDD3DL

Manual Integrations
APPROVED

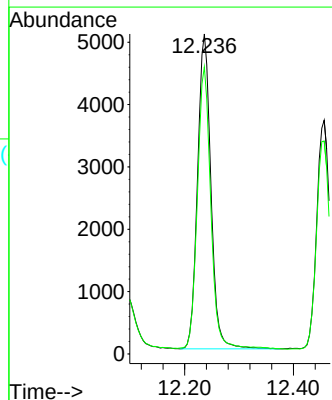
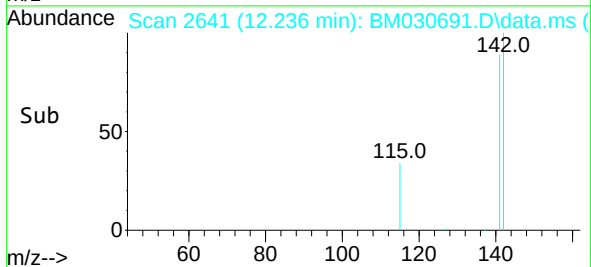
mohammad
6/30/2021 10:25:09 AM

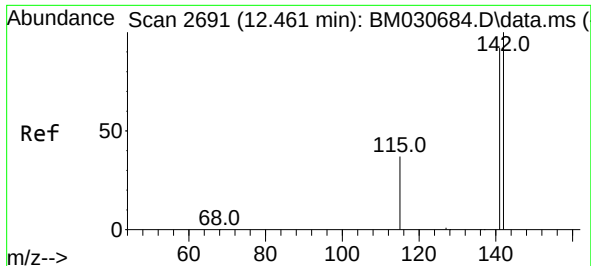


#7
2-Methylnaphthalene
Concen: 0.577 ng/ul
RT: 12.236 min Scan# 2641
Delta R.T. -0.008 min
Lab File: BM030691.D
Acq: 29 Jun 2021 14:59



Tgt Ion:142 Resp: 8632
Ion Ratio Lower Upper
142 100
141 90.4 71.4 107.0





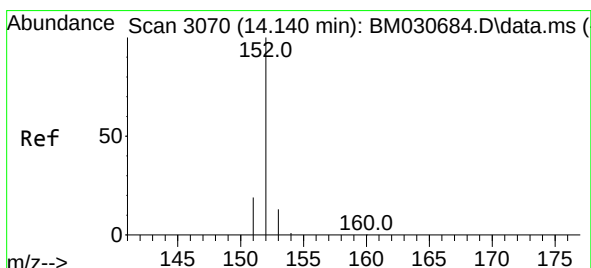
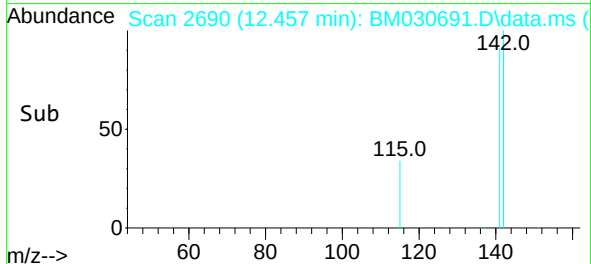
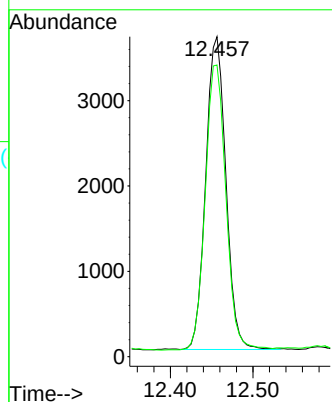
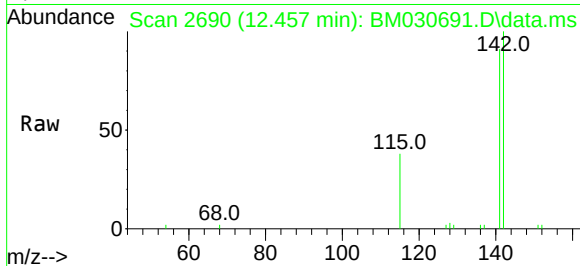
#8
1-Methylnaphthalene
Concen: 0.427 ng/ul
RT: 12.457 min Scan# 2690
Delta R.T. -0.004 min
Lab File: BM030691.D
Acq: 29 Jun 2021 14:59

Tgt Ion:142 Resp: 6212
Ion Ratio Lower Upper
142 100
141 93.8 73.2 109.8

Instrument :
BNA_M
ClientSampled :
BGDD3DL

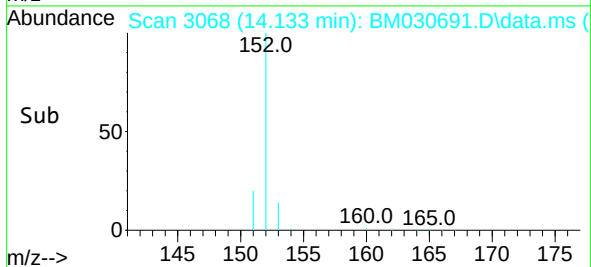
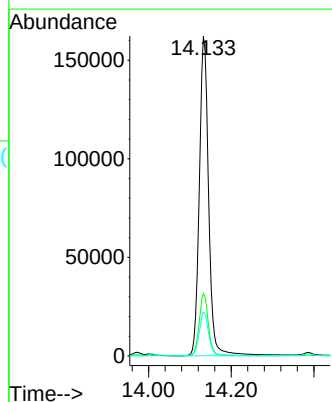
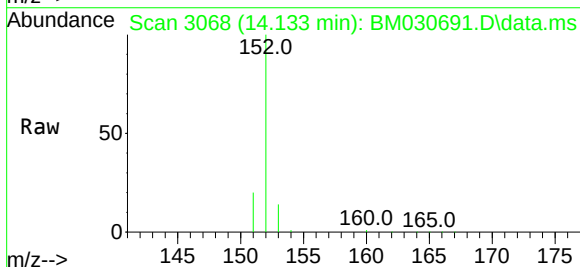
Manual Integrations
APPROVED

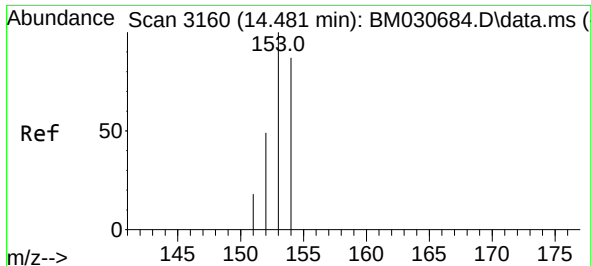
mohammad
6/30/2021 10:25:09 AM



#10
Acenaphthylene
Concen: 12.046 ng/ul
RT: 14.133 min Scan# 3068
Delta R.T. -0.008 min
Lab File: BM030691.D
Acq: 29 Jun 2021 14:59

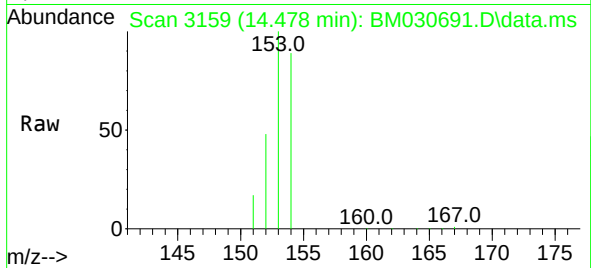
Tgt Ion:152 Resp: 254720
Ion Ratio Lower Upper
152 100
151 19.5 16.2 24.4
153 13.7 11.4 17.0





#11
Acenaphthene
Concen: 6.921 ng/ul
RT: 14.478 min Scan# 3159
Delta R.T. -0.004 min
Lab File: BM030691.D
Acq: 29 Jun 2021 14:59

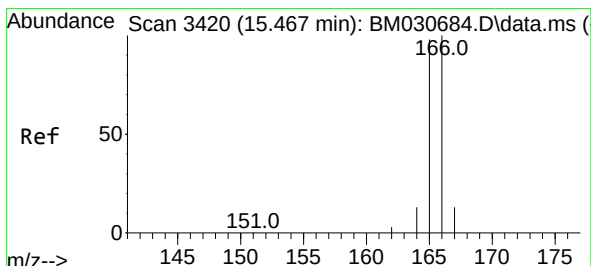
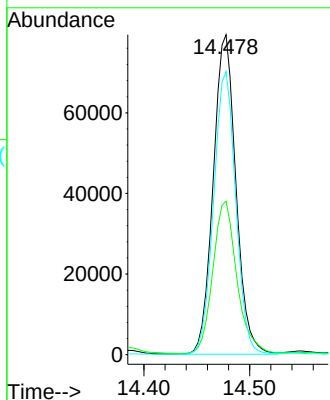
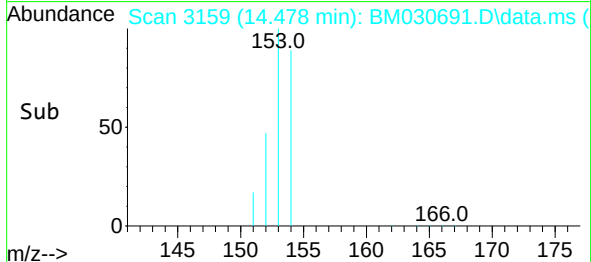
Instrument :
BNA_M
ClientSampled :
BGDD3DL



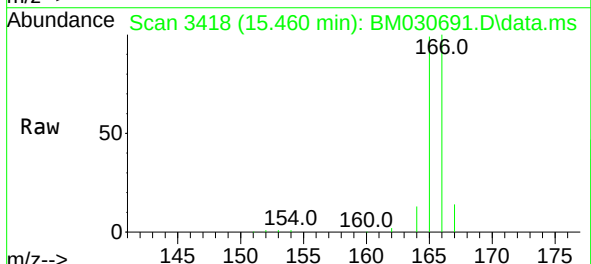
Tgt Ion:153 Resp: 118598
Ion Ratio Lower Upper
153 100
152 48.0 39.8 59.6
154 88.5 68.7 103.1

Manual Integrations
APPROVED

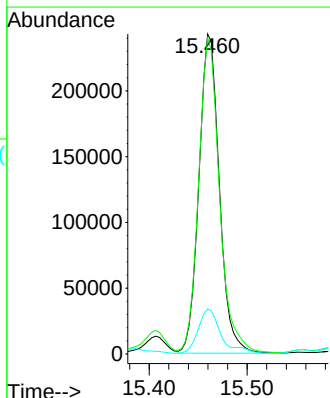
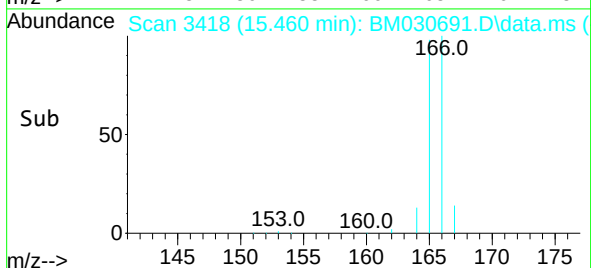
mohammad
6/30/2021 10:25:09 AM

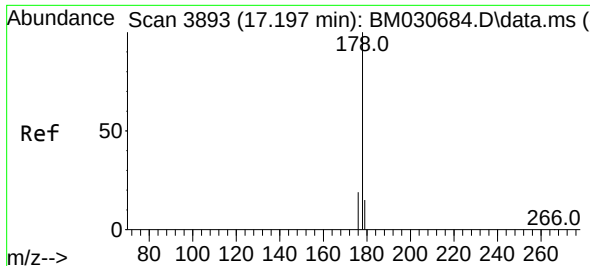


#12
Fluorene
Concen: 18.572 ng/ul
RT: 15.460 min Scan# 3418
Delta R.T. -0.008 min
Lab File: BM030691.D
Acq: 29 Jun 2021 14:59



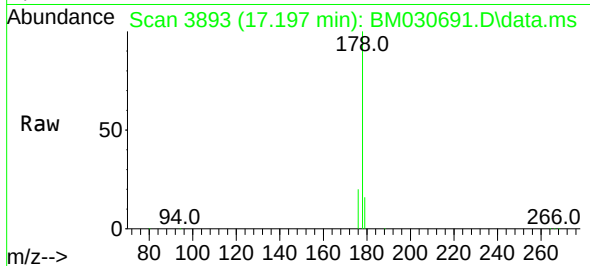
Tgt Ion:166 Resp: 351040
Ion Ratio Lower Upper
166 100
165 98.7 79.1 118.7
167 14.0 12.2 18.2





#15
Phenanthrene
Concen: 95.335 ng/u1
RT: 17.197 min Scan# 3893
Delta R.T. -0.003 min
Lab File: BM030691.D
Acq: 29 Jun 2021 14:59

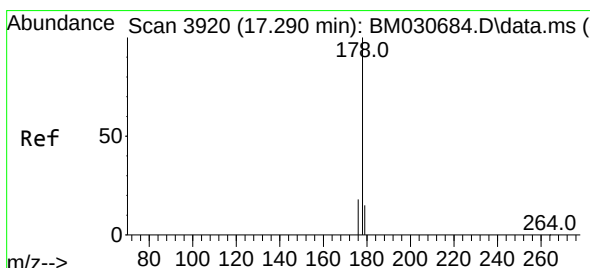
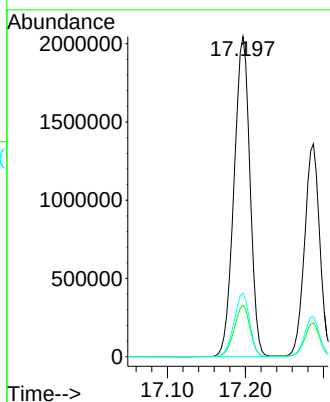
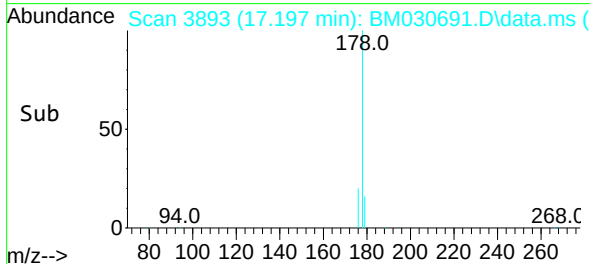
Instrument :
BNA_M
ClientSampleId :
BGDD3DL



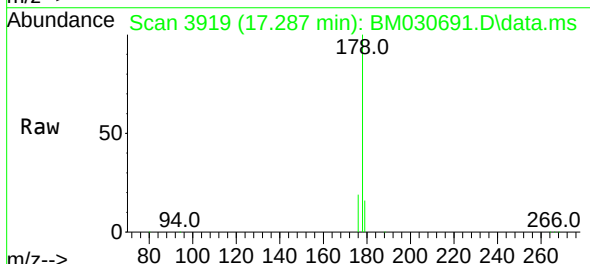
Tgt Ion:178 Resp: 2900800
Ion Ratio Lower Upper
178 100
179 16.2 13.3 19.9
176 19.8 16.0 24.0

Manual Integrations
APPROVED

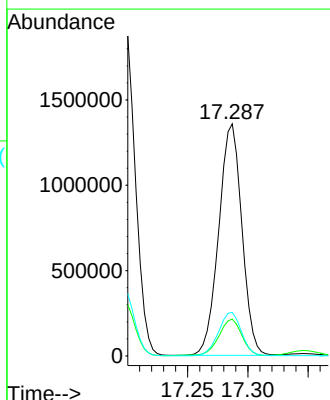
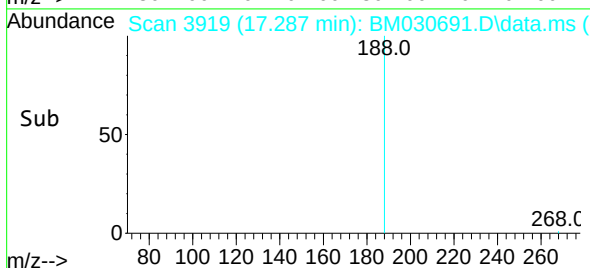
mohammad
6/30/2021 10:25:09 AM

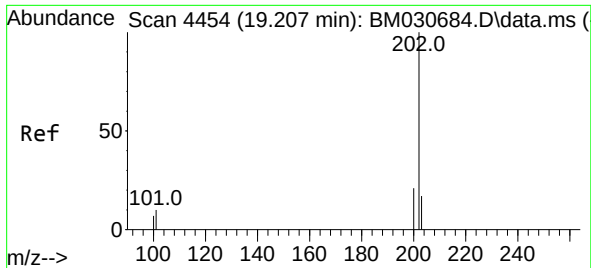


#16
Anthracene
Concen: 68.016 ng/u1
RT: 17.287 min Scan# 3919
Delta R.T. -0.003 min
Lab File: BM030691.D
Acq: 29 Jun 2021 14:59



Tgt Ion:178 Resp: 1812417
Ion Ratio Lower Upper
178 100
179 15.8 14.0 21.0
176 18.7 15.8 23.6





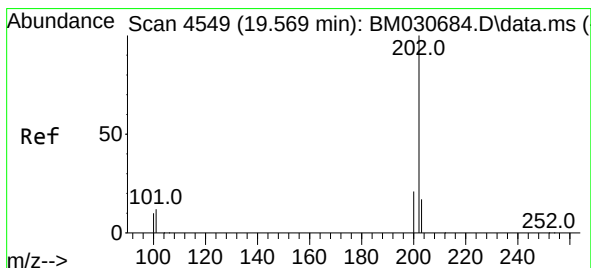
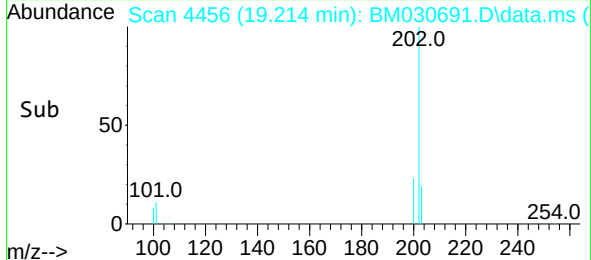
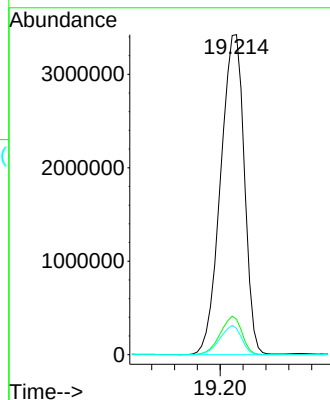
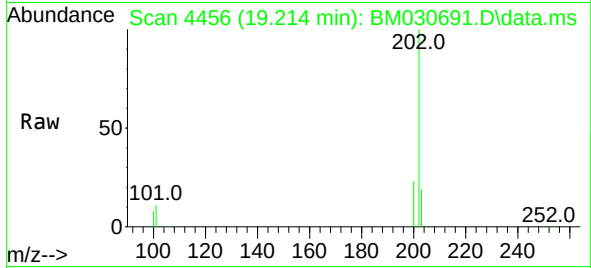
#19
Fluoranthene
Concen: 129.982 ng/u1
RT: 19.214 min Scan# 4456
Delta R.T. 0.004 min
Lab File: BM030691.D
Acq: 29 Jun 2021 14:59

Tgt Ion:202 Resp: 4917264
Ion Ratio Lower Upper
202 100
101 11.1 8.7 13.1
100 8.2 6.6 9.8

Instrument :
BNA_M
ClientSampled :
BGDD3DL

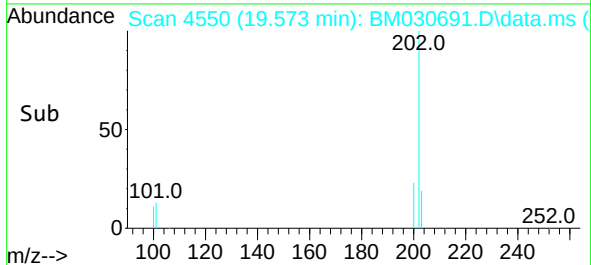
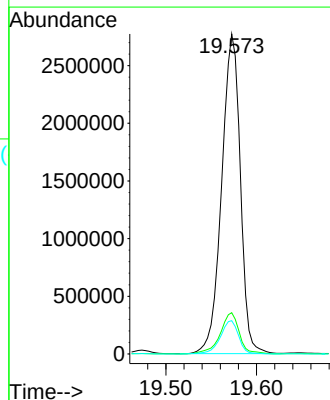
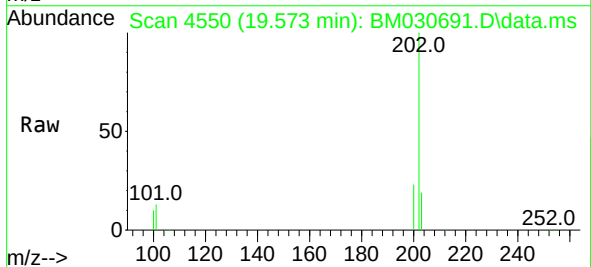
Manual Integrations
APPROVED

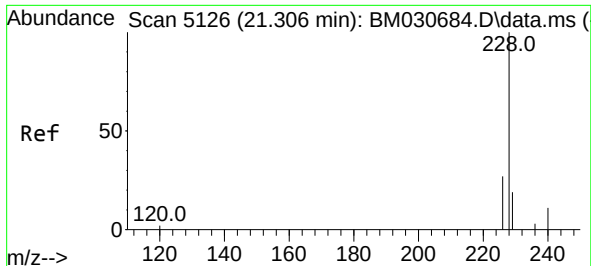
mohammad
6/30/2021 10:25:09 AM



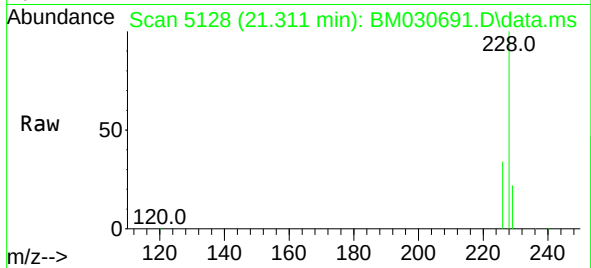
#20
Pyrene
Concen: 104.263 ng/u1
RT: 19.573 min Scan# 4550
Delta R.T. 0.004 min
Lab File: BM030691.D
Acq: 29 Jun 2021 14:59

Tgt Ion:202 Resp: 3966258
Ion Ratio Lower Upper
202 100
101 12.9 10.2 15.4
100 10.4 8.5 12.7

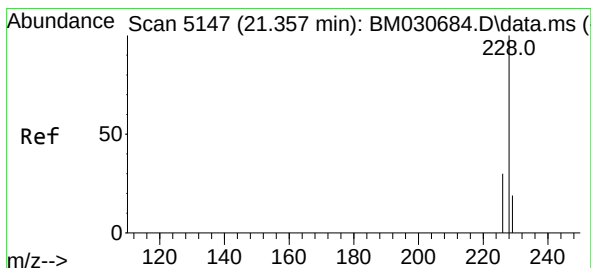
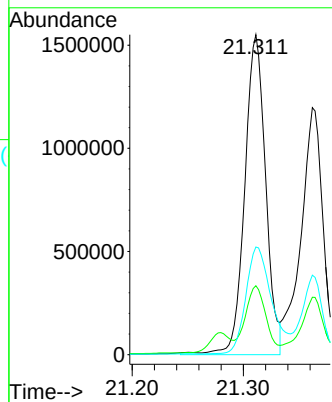
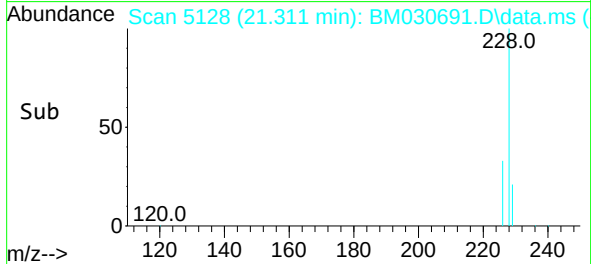




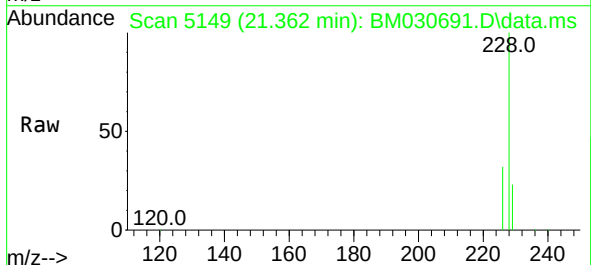
#21
Benzo(a)anthracene
Concen: 59.470 ng/ul m
RT: 21.311 min Scan# 5128
Delta R.T. 0.002 min
Lab File: BM030691.D
Acq: 29 Jun 2021 14:59



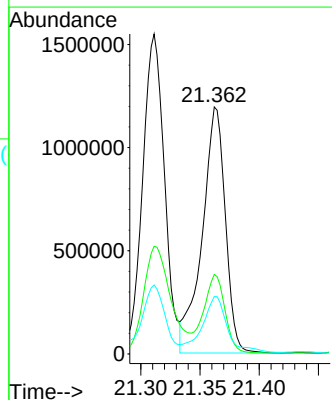
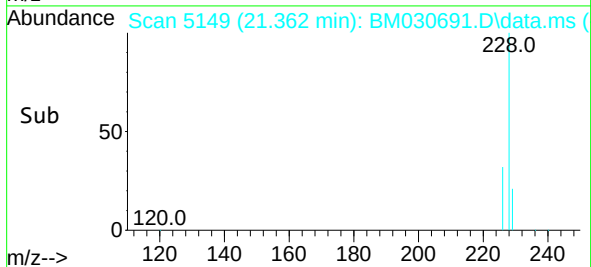
Tgt Ion:228 Resp: 2031870
Ion Ratio Lower Upper
228 100
229 21.5 16.2 24.2
226 33.6 22.2 33.4#



#22
Chrysene
Concen: 42.392 ng/ul
RT: 21.362 min Scan# 5149
Delta R.T. 0.000 min
Lab File: BM030691.D
Acq: 29 Jun 2021 14:59



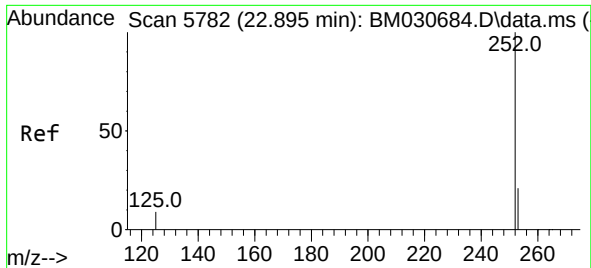
Tgt Ion:228 Resp: 1622452
Ion Ratio Lower Upper
228 100
226 32.2 24.9 37.3
229 23.2 16.2 24.2



Instrument :
BNA_M
ClientSampled :
BGDD3DL

Manual Integrations
APPROVED

mohammad
6/30/2021 10:25:09 AM



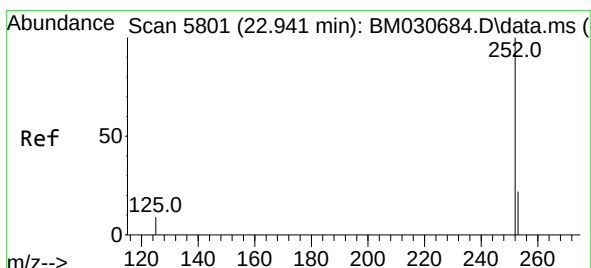
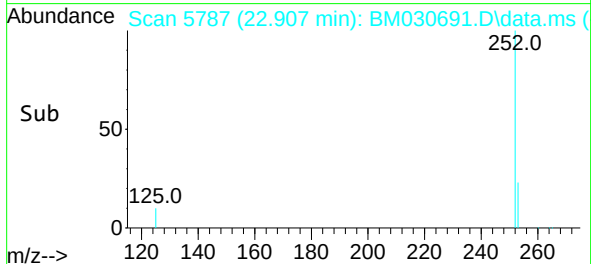
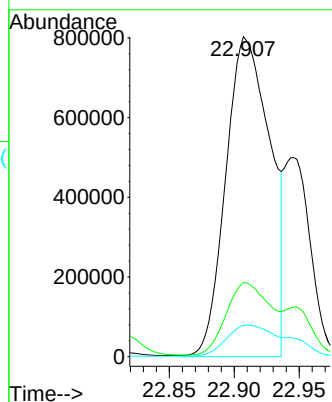
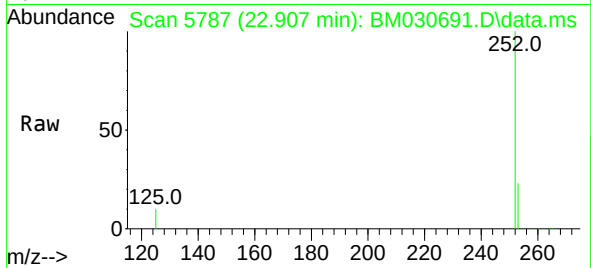
#24
Benzo(b)fluoranthene
Concen: 38.257 ng/ul m
RT: 22.907 min Scan# 5787
Delta R.T. 0.007 min
Lab File: BM030691.D
Acq: 29 Jun 2021 14:59

Tgt Ion:252 Resp: 1906814
Ion Ratio Lower Upper
252 100
253 23.2 0.0 57.8
125 9.8 0.0 33.2

Instrument :
BNA_M
ClientSampled :
BGDD3DL

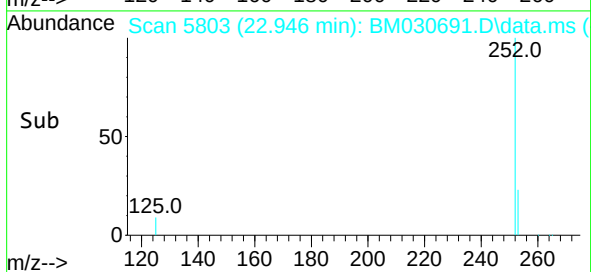
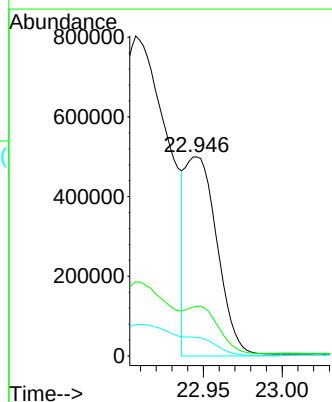
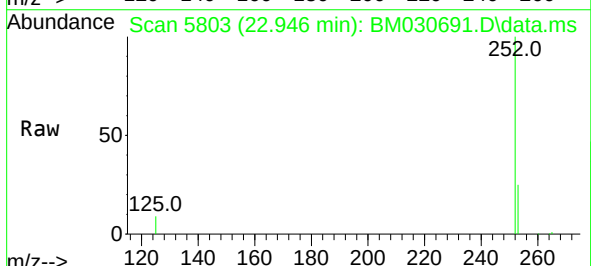
Manual Integrations
APPROVED

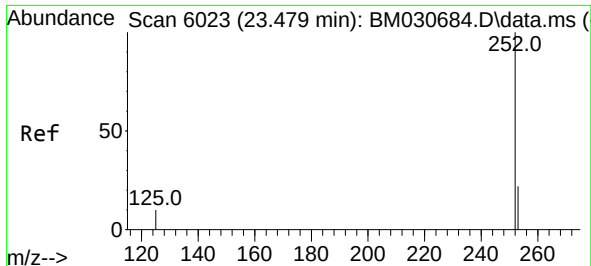
mohammad
6/30/2021 10:25:09 AM



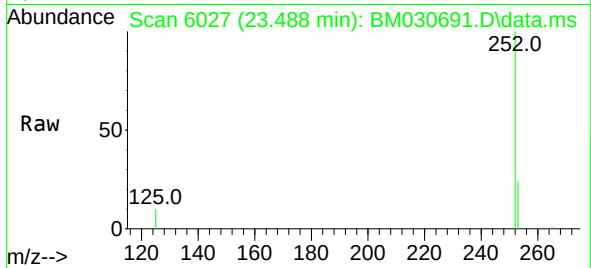
#25
Benzo(k)fluoranthene
Concen: 13.760 ng/ul m
RT: 22.946 min Scan# 5803
Delta R.T. 0.000 min
Lab File: BM030691.D
Acq: 29 Jun 2021 14:59

Tgt Ion:252 Resp: 707069
Ion Ratio Lower Upper
252 100
253 25.0 23.2 34.8
125 9.3 12.6 19.0#

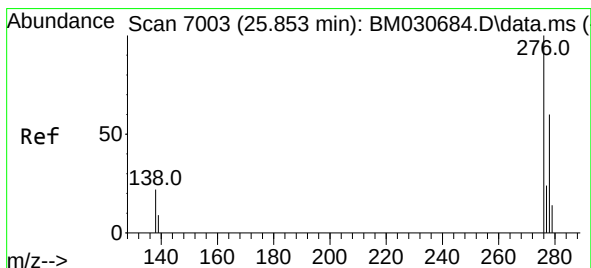
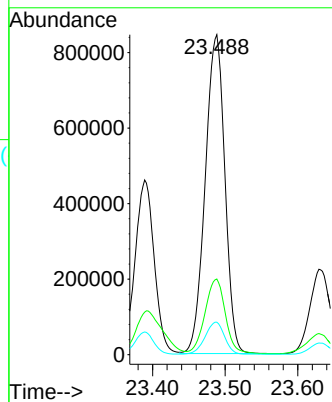
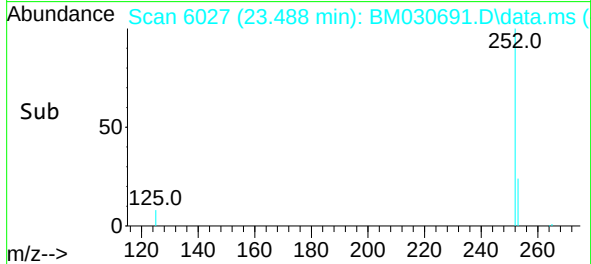




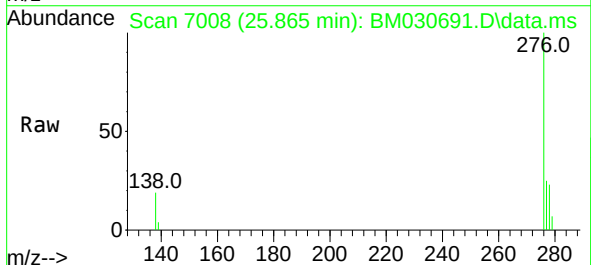
#26
Benzo(a)pyrene
Concen: 37.418 ng/ul
RT: 23.488 min Scan# 6027
Delta R.T. 0.007 min
Lab File: BM030691.D
Acq: 29 Jun 2021 14:59



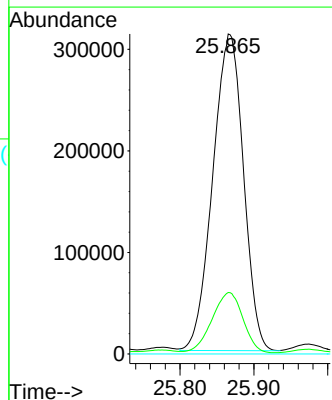
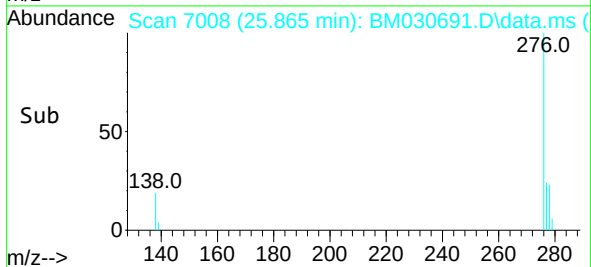
Tgt Ion:252 Resp: 1586265
Ion Ratio Lower Upper
252 100
253 23.7 25.5 38.3#
125 10.1 15.8 23.6#



#27
Indeno(1,2,3-cd)pyrene
Concen: 16.270 ng/ul
RT: 25.865 min Scan# 7008
Delta R.T. 0.002 min
Lab File: BM030691.D
Acq: 29 Jun 2021 14:59



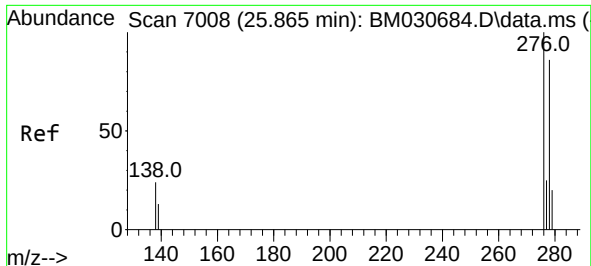
Tgt Ion:276 Resp: 898511
Ion Ratio Lower Upper
276 100
138 19.2 18.2 27.4
227 0.0 0.0 0.0



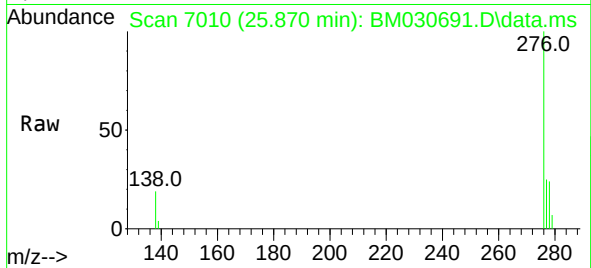
Instrument :
BNA_M
ClientSampleId :
BGDD3DL

Manual Integrations
APPROVED

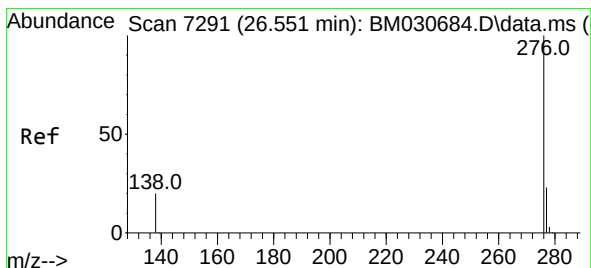
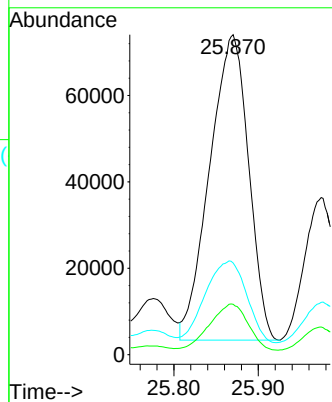
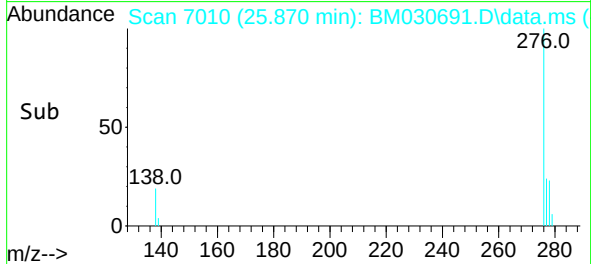
mohammad
6/30/2021 10:25:09 AM



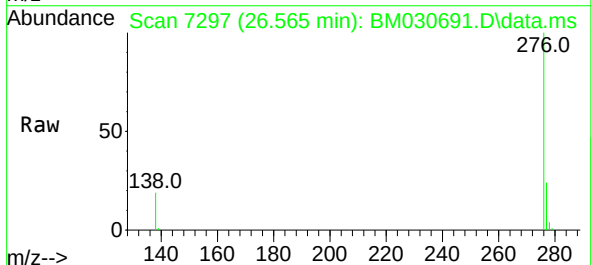
#28
Dibenzo(a,h)anthracene
Concen: 5.097 ng/ul
RT: 25.870 min Scan# 7010
Delta R.T. 0.000 min
Lab File: BM030691.D
Acq: 29 Jun 2021 14:59



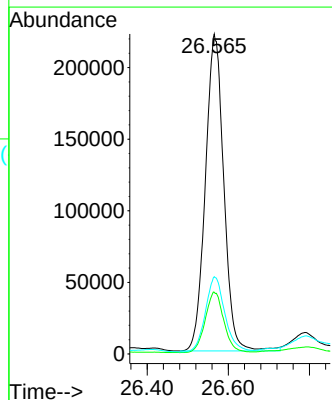
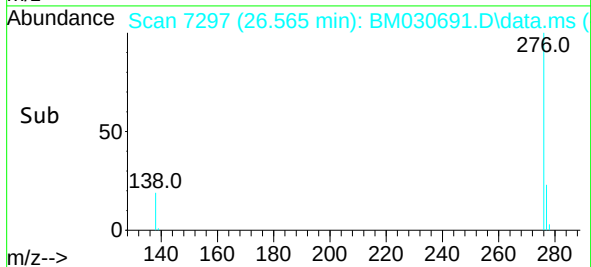
Tgt Ion:278 Resp: 225884
Ion Ratio Lower Upper
278 100
139 15.7 15.0 22.4
279 28.7 24.3 36.5



#29
Benzo(g,h,i)perylene
Concen: 14.553 ng/ul
RT: 26.565 min Scan# 7297
Delta R.T. 0.007 min
Lab File: BM030691.D
Acq: 29 Jun 2021 14:59



Tgt Ion:276 Resp: 698277
Ion Ratio Lower Upper
276 100
138 19.3 18.1 27.1
277 24.2 20.9 31.3



Instrument :
BNA_M
ClientSampled :
BGDD3DL

Manual Integrations
APPROVED

mohammad
6/30/2021 10:25:09 AM