

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062421\
 Data File : BM030574.D
 Acq On : 24 Jun 2021 14:22
 Operator : CG/JU
 Sample : M2662-12
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGDH4

Manual Integrations
 APPROVED

mohammad
 6/25/2021 1:08:19 PM

Quant Time: Jun 24 14:52:21 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM062321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 24 12:48:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	3321	0.400	ng/ul	0.00
4) Naphthalene-d8	10.586	136	13235	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.425	164	8122	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.162	188	16487m	0.400	ng/ul	0.00
17) Chrysene-d12	21.326	240	14483	0.400	ng/ul	# 0.00
23) Perylene-d12	23.581	264	12468	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.279	96	10306	2.901	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.174	152	4007	0.189	ng/ul	0.00
18) Fluoranthene-d10	19.184	212	12128	0.273	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.635	128	23791	0.604	ng/ul	100
7) 2-Methylnaphthalene	12.250	142	4389	0.165	ng/ul	98
8) 1-Methylnaphthalene	12.470	142	3657	0.142	ng/ul	98
10) Acenaphthylene	14.144	152	15510	0.408	ng/ul#	95
11) Acenaphthene	14.489	153	70100	2.264	ng/ul	99
12) Fluorene	15.471	166	36013	1.050	ng/ul	98
15) Phenanthrene	17.204	178	525754	8.956	ng/ul	99
16) Anthracene	17.294	178	213651	4.154	ng/ul	99
19) Fluoranthene	19.215	202	1036548	15.568	ng/ul	98
20) Pyrene	19.577	202	528169	7.743	ng/ul	99
21) Benzo(a)anthracene	21.312	228	556008	9.664	ng/ul	97
22) Chrysene	21.362	228	453520	7.101	ng/ul	97
24) Benzo(b)fluoranthene	22.905	252	473963m	8.739	ng/ul	
25) Benzo(k)fluoranthene	22.944	252	210869m	3.707	ng/ul	
26) Benzo(a)pyrene	23.484	252	116343	2.417	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	25.863	276	79888	1.305	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.868	278	44781	0.917	ng/ul	94
29) Benzo(g,h,i)perylene	26.566	276	1277	0.024	ng/ul#	47

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

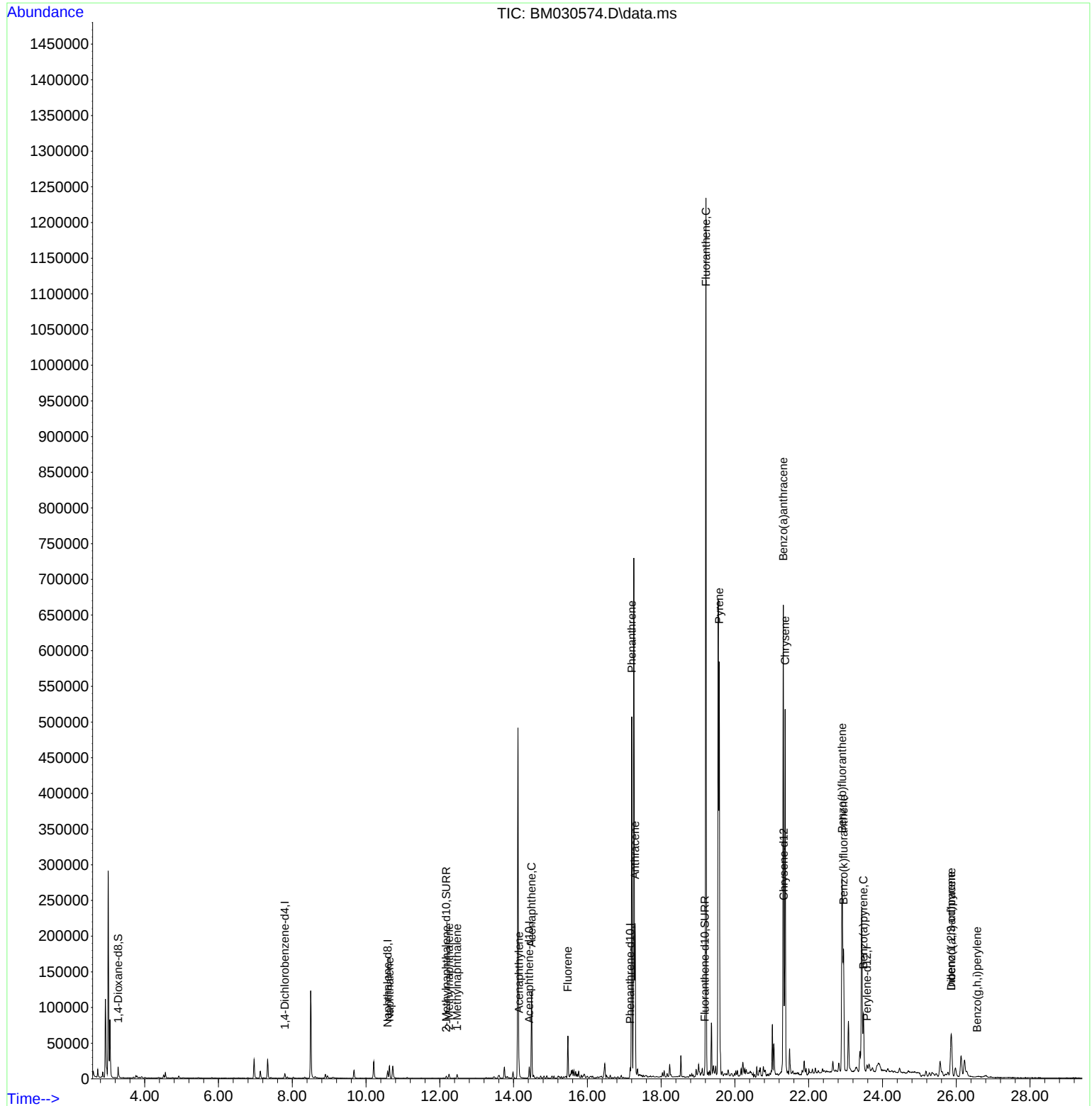
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062421\
Data File : BM030574.D
Acq On : 24 Jun 2021 14:22
Operator : CG/JU
Sample : M2662-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

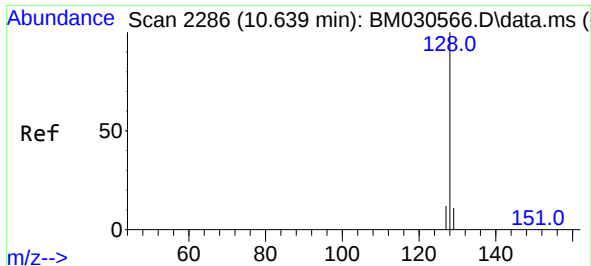
Instrument :
BNA_M
ClientSampleId :
BGDH4

Manual Integrations
APPROVED

mohammad
6/25/2021 1:08:19 PM

Quant Time: Jun 24 14:52:21 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM062321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 24 12:48:41 2021
Response via : Initial Calibration





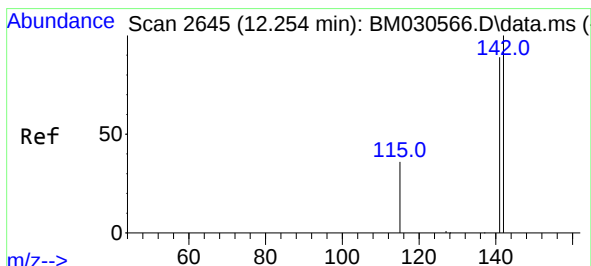
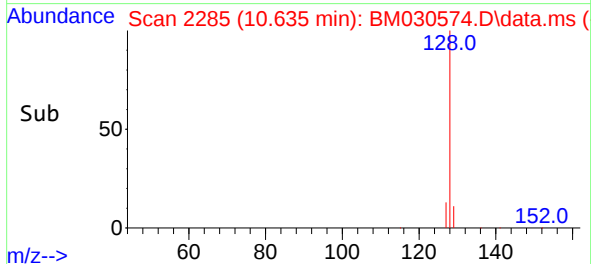
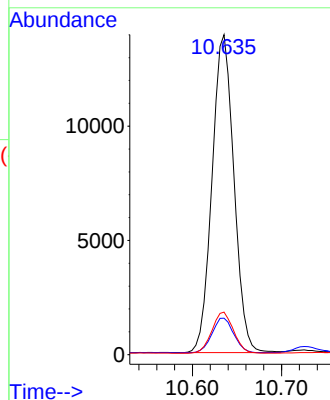
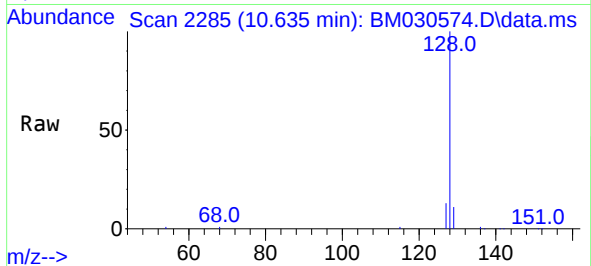
#5
Naphthalene
Concen: 0.604 ng/ul
RT: 10.635 min Scan# 2285
Delta R.T. -0.004 min
Lab File: BM030574.D
Acq: 24 Jun 2021 14:22

Tgt Ion:	128	Resp:	23791
Ion Ratio	Lower	Upper	
128	100		
129	11.4	9.0	13.6
127	13.3	10.9	16.3

Instrument :
BNA_M
ClientSampleId :
BGDH4

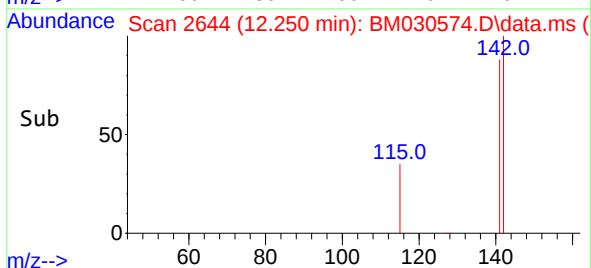
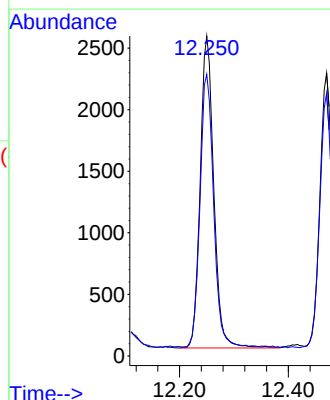
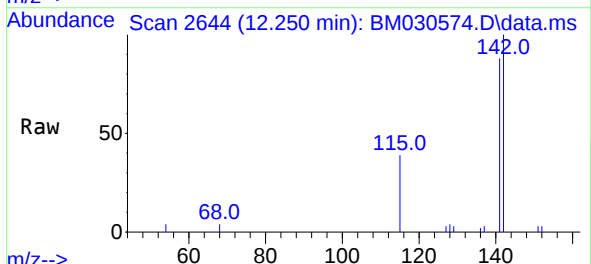
Manual Integrations
APPROVED

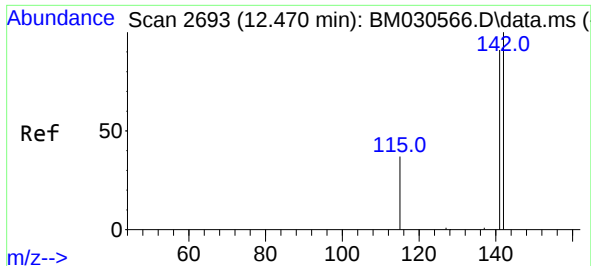
mohammad
6/25/2021 1:08:19 PM



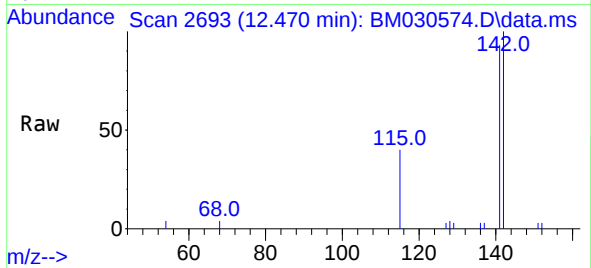
#7
2-Methylnaphthalene
Concen: 0.165 ng/ul
RT: 12.250 min Scan# 2644
Delta R.T. -0.004 min
Lab File: BM030574.D
Acq: 24 Jun 2021 14:22

Tgt Ion:	142	Resp:	4389
Ion Ratio	Lower	Upper	
142	100		
141	87.5	71.4	107.0

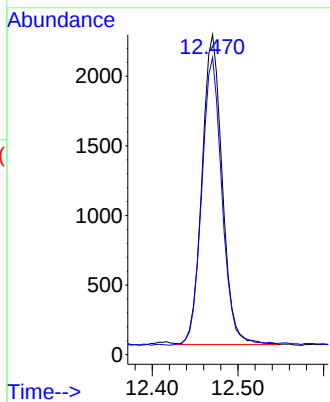
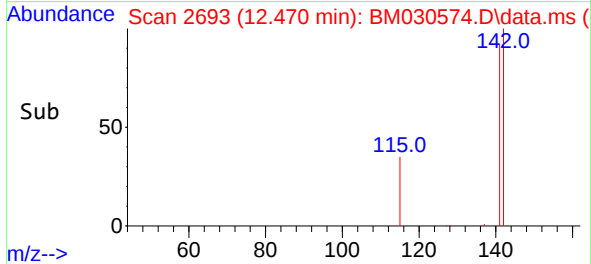




#8
1-Methylnaphthalene
Concen: 0.142 ng/ul
RT: 12.470 min Scan# 2693
Delta R.T. 0.000 min
Lab File: BM030574.D
Acq: 24 Jun 2021 14:22



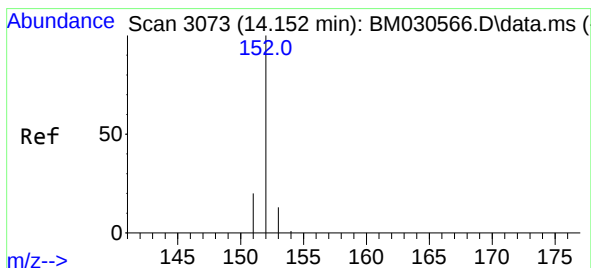
Tgt Ion:142 Resp: 3657
Ion Ratio Lower Upper
142 100
141 93.2 73.4 110.0



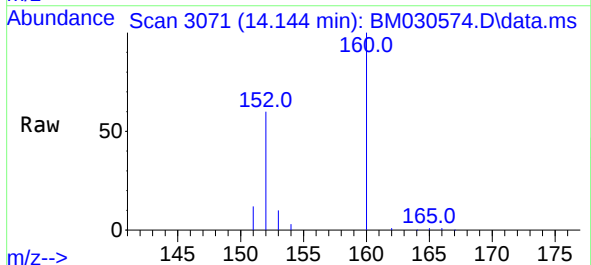
Instrument :
BNA_M
ClientSampleId :
BGDH4

Manual Integrations
APPROVED

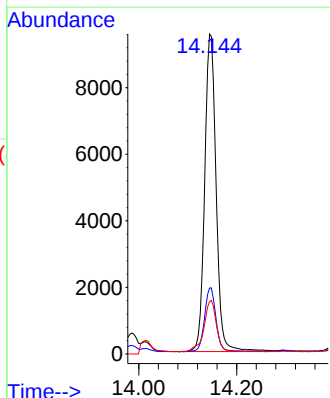
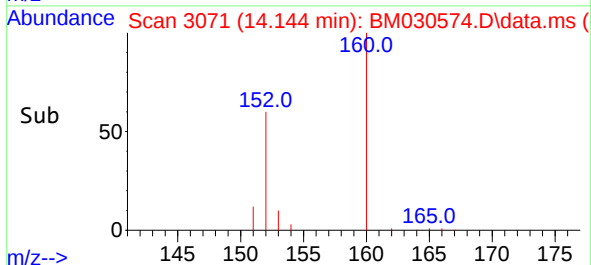
mohammad
6/25/2021 1:08:19 PM

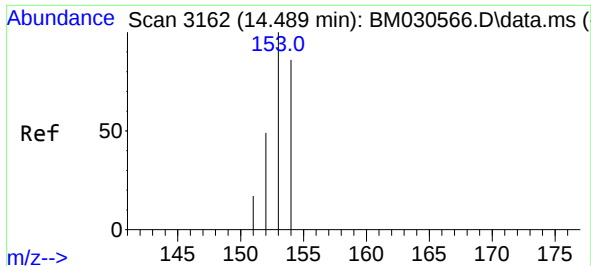


#10
Acenaphthylene
Concen: 0.408 ng/ul
RT: 14.144 min Scan# 3071
Delta R.T. -0.007 min
Lab File: BM030574.D
Acq: 24 Jun 2021 14:22



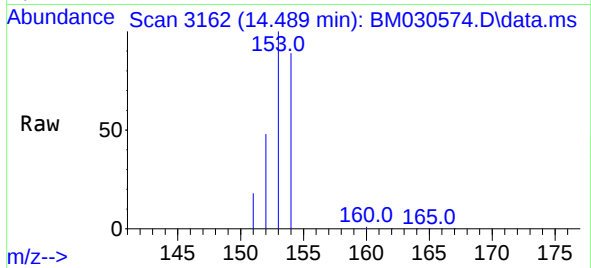
Tgt Ion:152 Resp: 15510
Ion Ratio Lower Upper
152 100
151 20.6 15.5 23.3
153 16.3 10.7 16.1#





#11
Acenaphthene
Concen: 2.264 ng/ul
RT: 14.489 min Scan# 3162
Delta R.T. 0.000 min
Lab File: BM030574.D
Acq: 24 Jun 2021 14:22

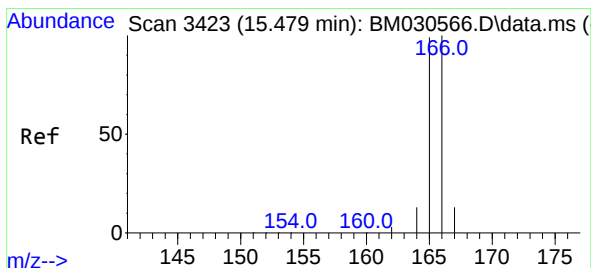
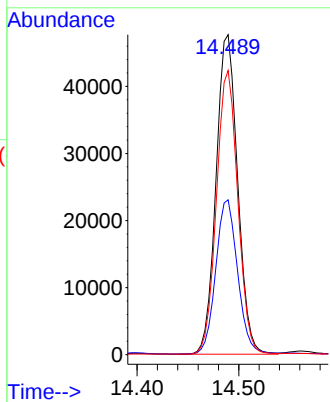
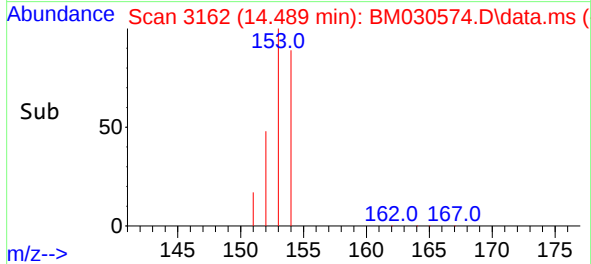
Instrument :
BNA_M
ClientSampled :
BGDH4



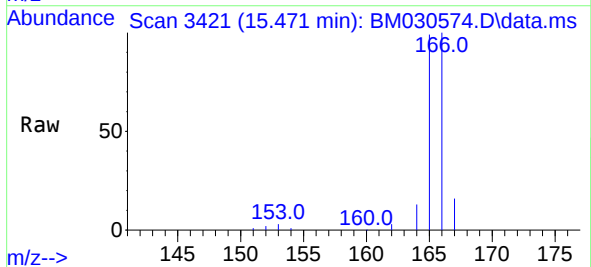
Tgt Ion:153 Resp: 70100
Ion Ratio Lower Upper
153 100
152 48.4 40.2 60.2
154 88.8 71.2 106.8

Manual Integrations
APPROVED

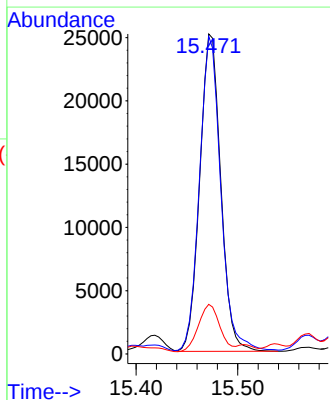
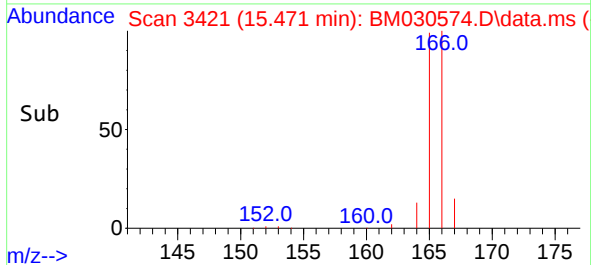
mohammad
6/25/2021 1:08:19 PM

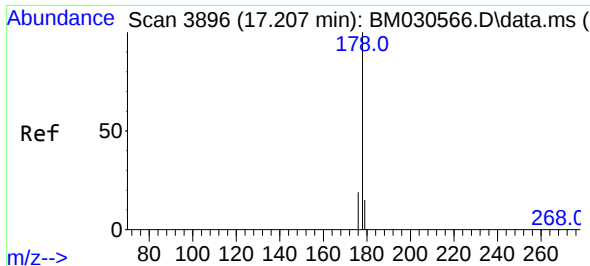


#12
Fluorene
Concen: 1.050 ng/ul
RT: 15.471 min Scan# 3421
Delta R.T. -0.007 min
Lab File: BM030574.D
Acq: 24 Jun 2021 14:22



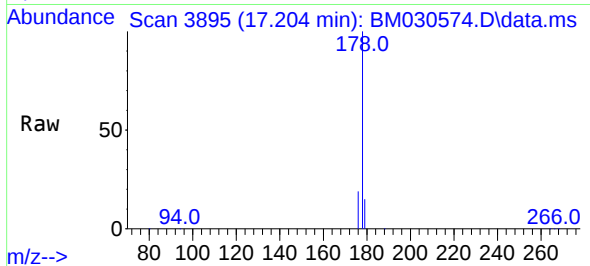
Tgt Ion:166 Resp: 36013
Ion Ratio Lower Upper
166 100
165 99.2 77.7 116.5
167 15.5 11.3 16.9





#15
Phenanthrene
Concen: 8.956 ng/u1
RT: 17.204 min Scan# 3895
Delta R.T. -0.003 min
Lab File: BM030574.D
Acq: 24 Jun 2021 14:22

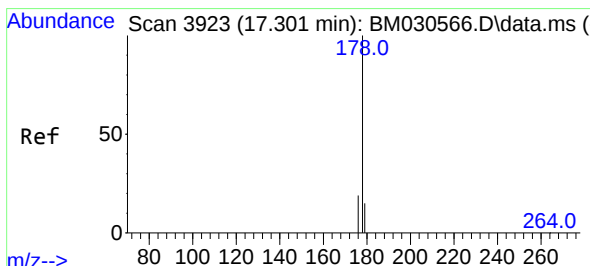
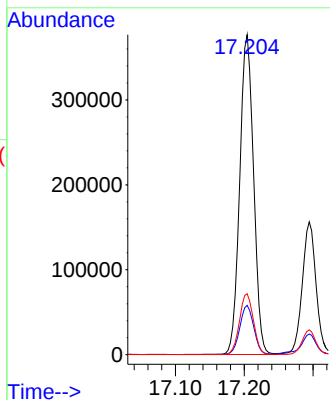
Instrument :
BNA_M
ClientSampled :
BGDH4



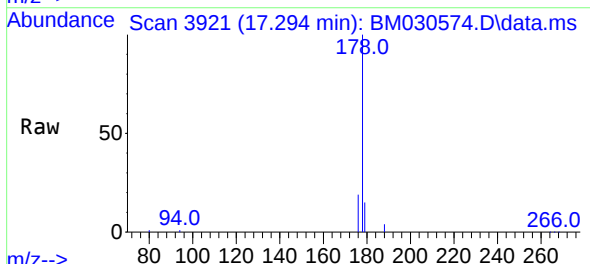
Tgt Ion:178 Resp: 525754
Ion Ratio Lower Upper
178 100
179 15.4 12.6 19.0
176 19.0 15.5 23.3

Manual Integrations
APPROVED

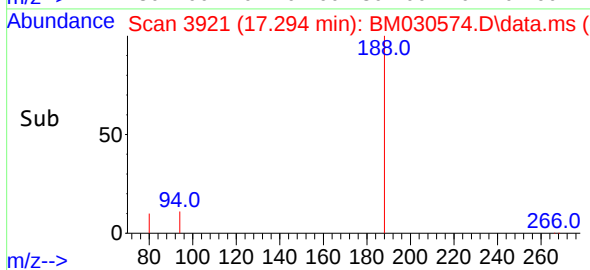
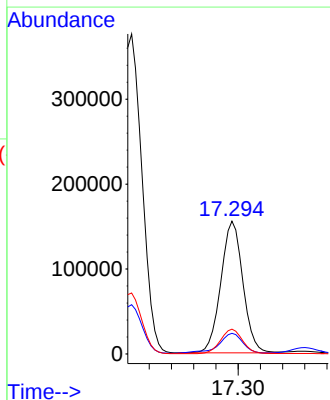
mohammad
6/25/2021 1:08:19 PM

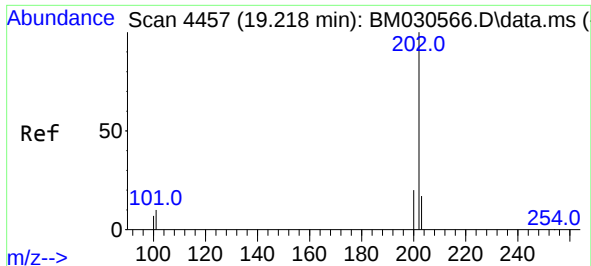


#16
Anthracene
Concen: 4.154 ng/u1
RT: 17.294 min Scan# 3921
Delta R.T. -0.007 min
Lab File: BM030574.D
Acq: 24 Jun 2021 14:22



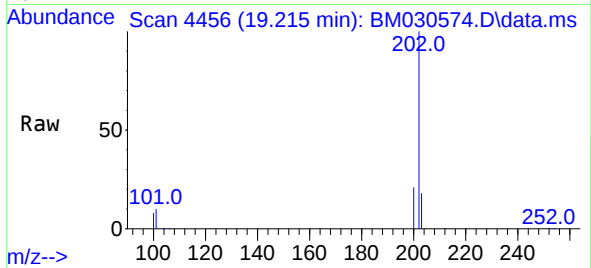
Tgt Ion:178 Resp: 213651
Ion Ratio Lower Upper
178 100
179 15.5 12.7 19.1
176 18.7 15.2 22.8





#19
Fluoranthene
Concen: 15.568 ng/u1
RT: 19.215 min Scan# 4456
Delta R.T. -0.003 min
Lab File: BM030574.D
Acq: 24 Jun 2021 14:22

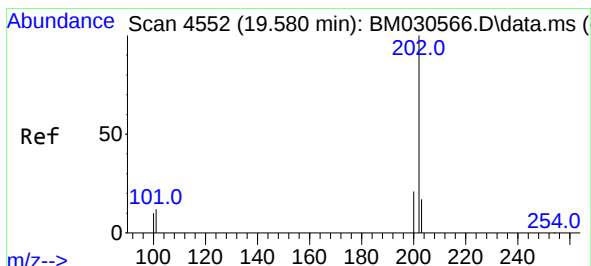
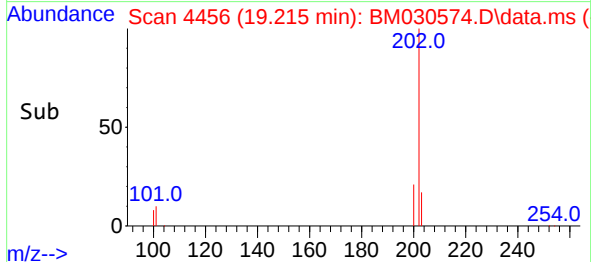
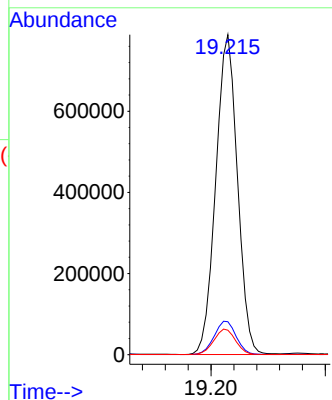
Instrument :
BNA_M
ClientSampleId :
BGDH4



Tgt Ion:202 Resp: 1036548
Ion Ratio Lower Upper
202 100
101 10.3 8.8 13.2
100 7.7 6.9 10.3

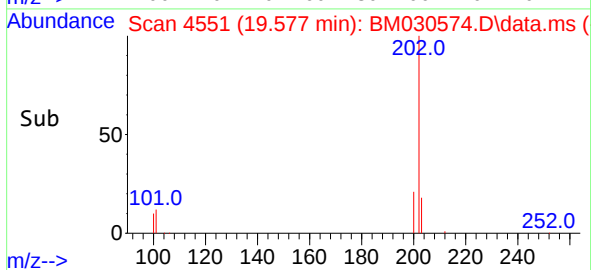
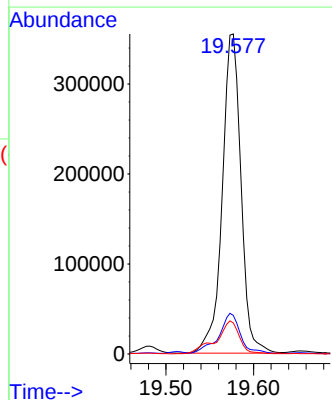
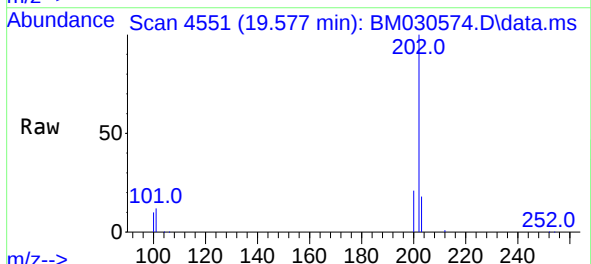
Manual Integrations
APPROVED

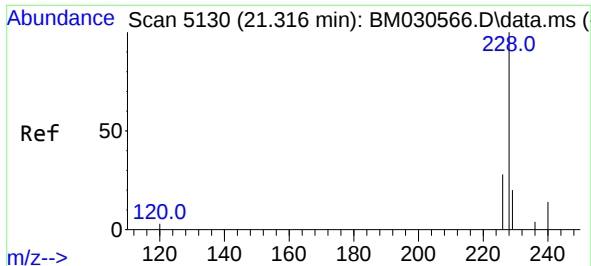
mohammad
6/25/2021 1:08:19 PM



#20
Pyrene
Concen: 7.743 ng/u1
RT: 19.577 min Scan# 4551
Delta R.T. -0.003 min
Lab File: BM030574.D
Acq: 24 Jun 2021 14:22

Tgt Ion:202 Resp: 528169
Ion Ratio Lower Upper
202 100
101 12.1 10.1 15.1
100 9.7 8.2 12.2





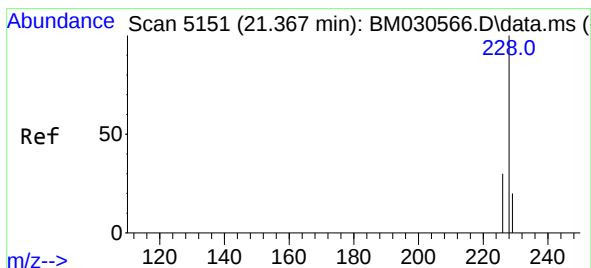
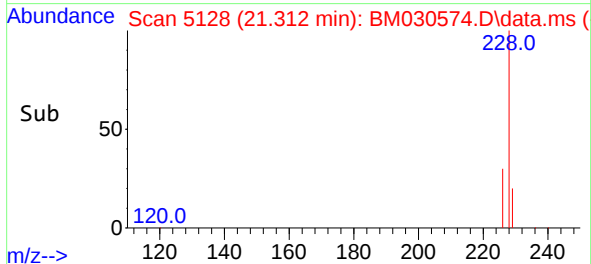
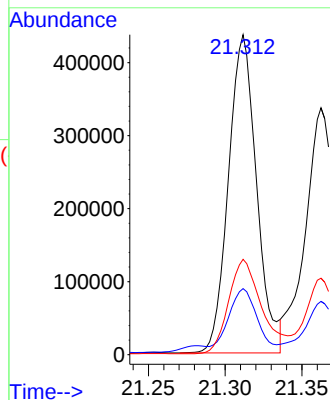
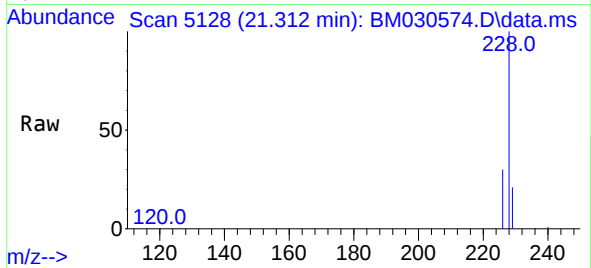
#21
Benzo(a)anthracene
Concen: 9.664 ng/ul
RT: 21.312 min Scan# 5128
Delta R.T. -0.004 min
Lab File: BM030574.D
Acq: 24 Jun 2021 14:22

Tgt Ion:228 Resp: 556008
Ion Ratio Lower Upper
228 100
229 20.6 15.8 23.6
226 29.8 22.2 33.4

Instrument :
BNA_M
ClientSampled :
BGDH4

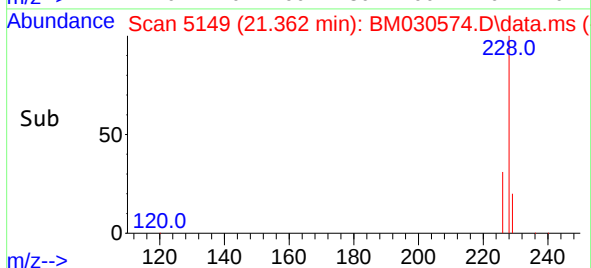
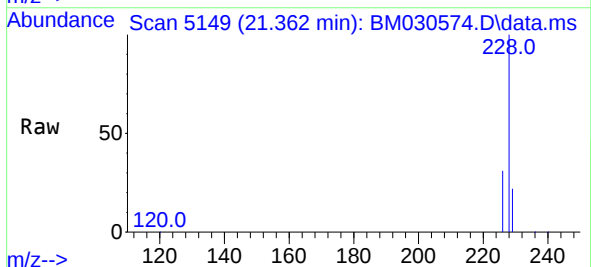
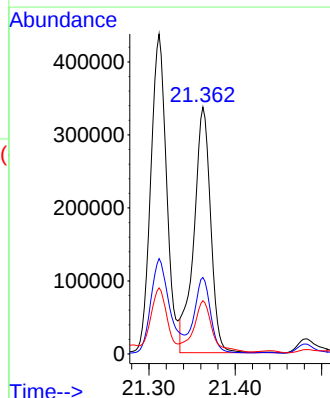
Manual Integrations
APPROVED

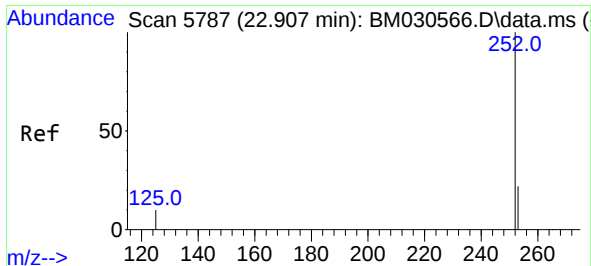
mohammad
6/25/2021 1:08:19 PM



#22
Chrysene
Concen: 7.101 ng/ul
RT: 21.362 min Scan# 5149
Delta R.T. -0.004 min
Lab File: BM030574.D
Acq: 24 Jun 2021 14:22

Tgt Ion:228 Resp: 453520
Ion Ratio Lower Upper
228 100
226 31.0 24.4 36.6
229 21.6 15.4 23.0





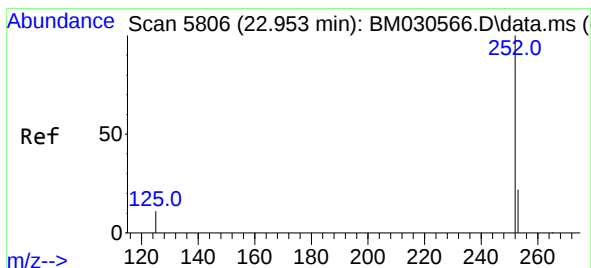
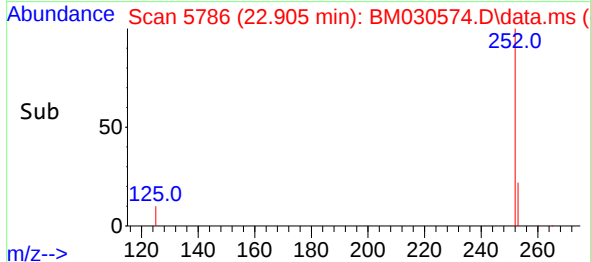
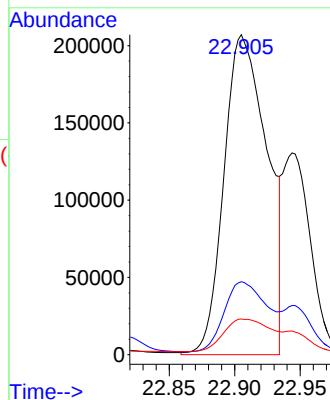
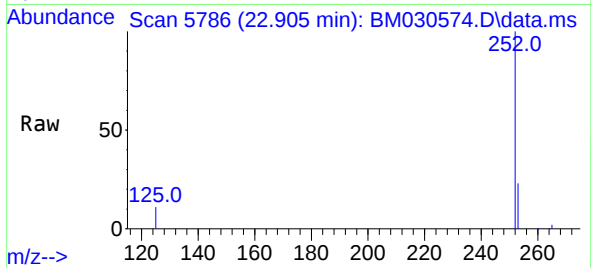
#24
Benzo(b)fluoranthene
Concen: 8.739 ng/ul m
RT: 22.905 min Scan# 5786
Delta R.T. -0.002 min
Lab File: BM030574.D
Acq: 24 Jun 2021 14:22

Tgt Ion:252 Resp: 473963
Ion Ratio Lower Upper
252 100
253 22.8 0.0 50.2
125 11.1 0.0 27.8

Instrument :
BNA_M
ClientSampled :
BGDH4

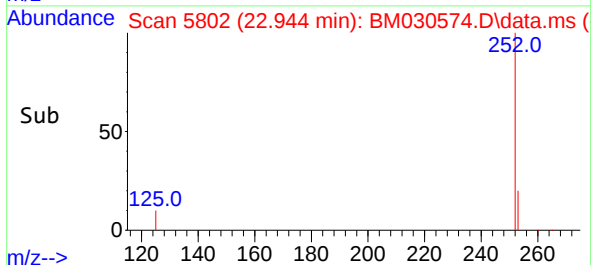
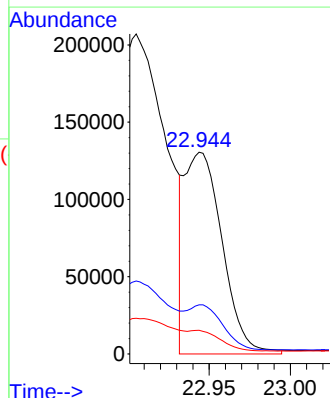
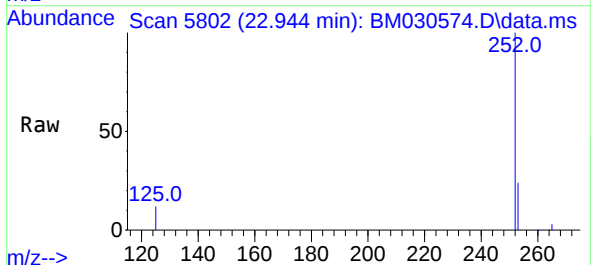
Manual Integrations
APPROVED

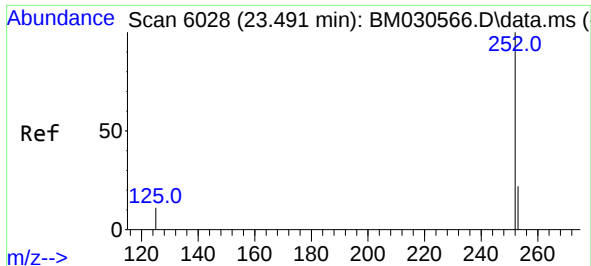
mohammad
6/25/2021 1:08:19 PM



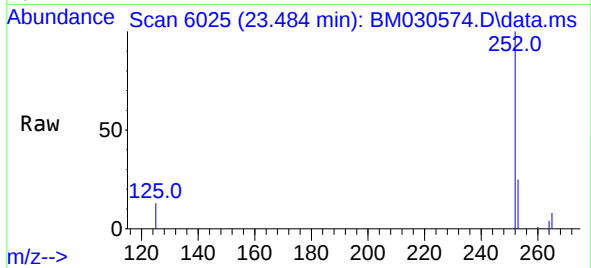
#25
Benzo(k)fluoranthene
Concen: 3.707 ng/ul m
RT: 22.944 min Scan# 5802
Delta R.T. -0.009 min
Lab File: BM030574.D
Acq: 24 Jun 2021 14:22

Tgt Ion:252 Resp: 210869
Ion Ratio Lower Upper
252 100
253 24.3 20.6 31.0
125 11.7 11.0 16.4

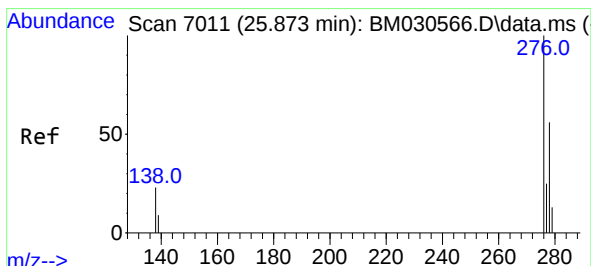
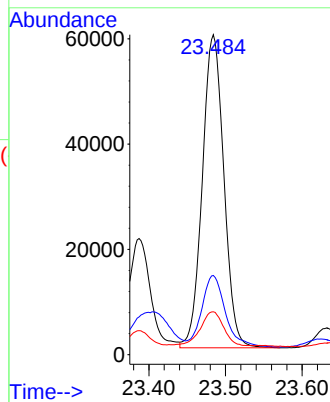
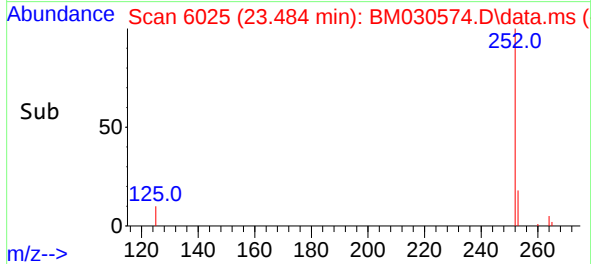




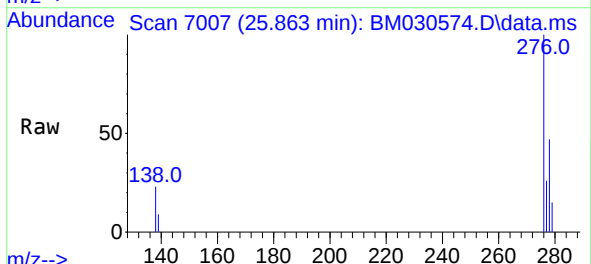
#26
Benzo(a)pyrene
Concen: 2.417 ng/ul
RT: 23.484 min Scan# 6025
Delta R.T. -0.007 min
Lab File: BM030574.D
Acq: 24 Jun 2021 14:22



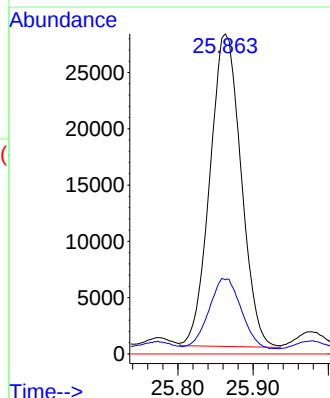
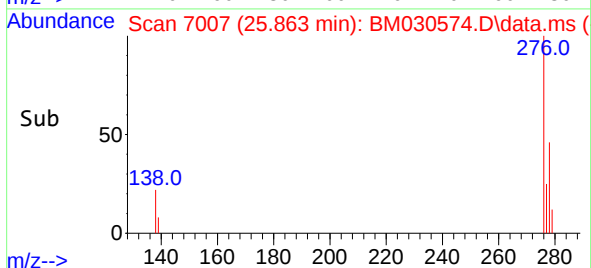
Tgt Ion:252 Resp: 116343
Ion Ratio Lower Upper
252 100
253 24.7 22.0 33.0
125 13.4 13.4 20.2#



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.305 ng/ul
RT: 25.863 min Scan# 7007
Delta R.T. -0.009 min
Lab File: BM030574.D
Acq: 24 Jun 2021 14:22



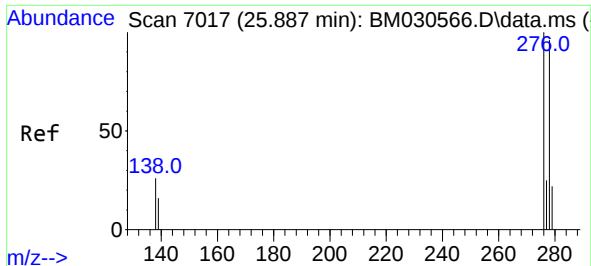
Tgt Ion:276 Resp: 79888
Ion Ratio Lower Upper
276 100
138 23.5 19.1 28.7
227 0.0 0.0 0.0



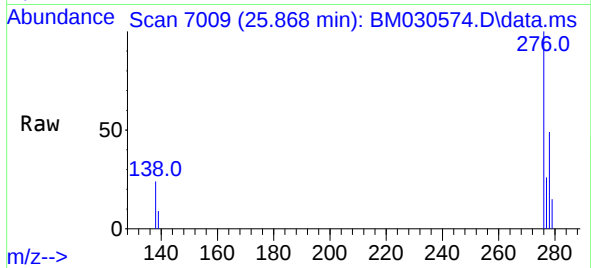
Instrument :
BNA_M
ClientSampleId :
BGDH4

Manual Integrations
APPROVED

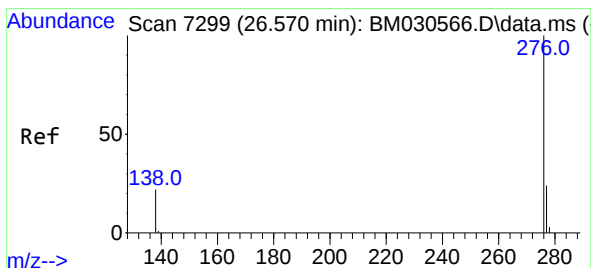
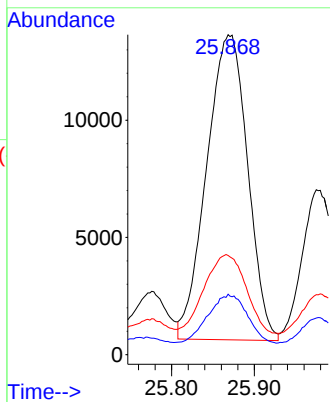
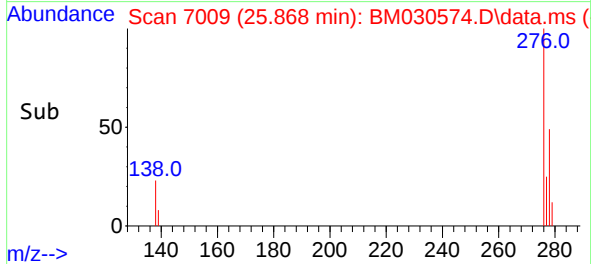
mohammad
6/25/2021 1:08:19 PM



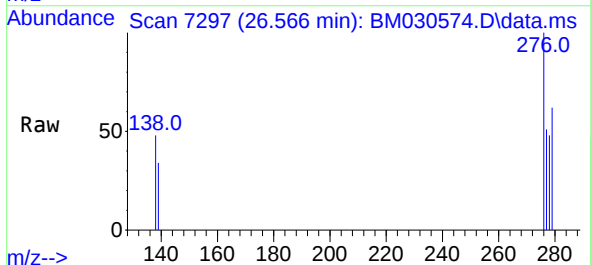
#28
Dibenzo(a,h)anthracene
Concen: 0.917 ng/ul
RT: 25.868 min Scan# 7009
Delta R.T. -0.019 min
Lab File: BM030574.D
Acq: 24 Jun 2021 14:22



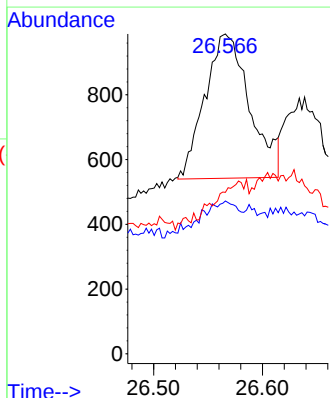
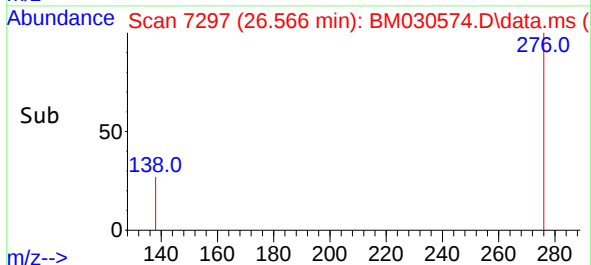
Tgt Ion:278 Resp: 44781
Ion Ratio Lower Upper
278 100
139 18.9 14.2 21.4
279 31.0 21.6 32.4



#29
Benzo(g,h,i)perylene
Concen: 0.024 ng/ul
RT: 26.566 min Scan# 7297
Delta R.T. -0.004 min
Lab File: BM030574.D
Acq: 24 Jun 2021 14:22



Tgt Ion:276 Resp: 1277
Ion Ratio Lower Upper
276 100
138 47.8 18.0 27.0#
277 50.5 19.5 29.3#



Instrument :
BNA_M
ClientSampled :
BGDH4

Manual Integrations
APPROVED

mohammad
6/25/2021 1:08:19 PM