

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072921\
 Data File : BM031281.D
 Acq On : 30 Jul 2021 16:51
 Operator : CG/JU
 Sample : M3084-10
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0028

Manual Integrations
 APPROVED

mohammad
 8/2/2021 3:40:09 PM

Quant Time: Jul 30 17:21:42 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 : Fri Jul 30 14:17:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	1455	0.40	ng/ul	0.00
4) Naphthalene-d8	10.373	136	5377	0.40	ng/ul #	0.00
9) Acenaphthene-d10	14.238	164	3796	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.988	188	7183	0.40	ng/ul #	0.00
17) Chrysene-d12	21.185	240	5920	0.40	ng/ul #	0.00
23) Perylene-d12	23.357	264	6342	0.40	ng/ul #	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	4151	2.57	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.965	152	1562	0.17	ng/ul	0.00
18) Fluoranthene-d10	19.023	212	4793	0.24	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.423	128	32538	2.03	ng/ul	98
7) 2-Methylnaphthalene	12.042	142	37743	3.45	ng/ul	99
8) 1-Methylnaphthalene	12.262	142	23881	2.21	ng/ul	99
10) Acenaphthylene	13.962	152	9494	0.59	ng/ul	95
11) Acenaphthene	14.303	153	8742	0.64	ng/ul	99
12) Fluorene	15.292	166	27059	1.73	ng/ul#	88
15) Phenanthrene	17.030	178	237982	10.43	ng/ul	99
16) Anthracene	17.120	178	48549	2.27	ng/ul#	95
19) Fluoranthene	19.054	202	201856	7.99	ng/ul#	95
20) Pyrene	19.416	202	184868	7.21	ng/ul#	95
21) Benzo(a)anthracene	21.168	228	88277	3.69	ng/ul#	74
22) Chrysene	21.221	228	144287	5.83	ng/ul#	83
24) Benzo(b)fluoranthene	22.713	252	108708m	3.80	ng/ul	
25) Benzo(k)fluoranthene	22.749	252	35397m	1.20	ng/ul	
26) Benzo(a)pyrene	23.263	252	69617	2.78	ng/ul#	75
27) Indeno(1,2,3-cd)pyrene	25.506	276	40332	1.25	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.516	278	15022	0.58	ng/ul#	4
29) Benzo(g,h,i)perylene	26.163	276	41776	1.51	ng/ul#	86

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

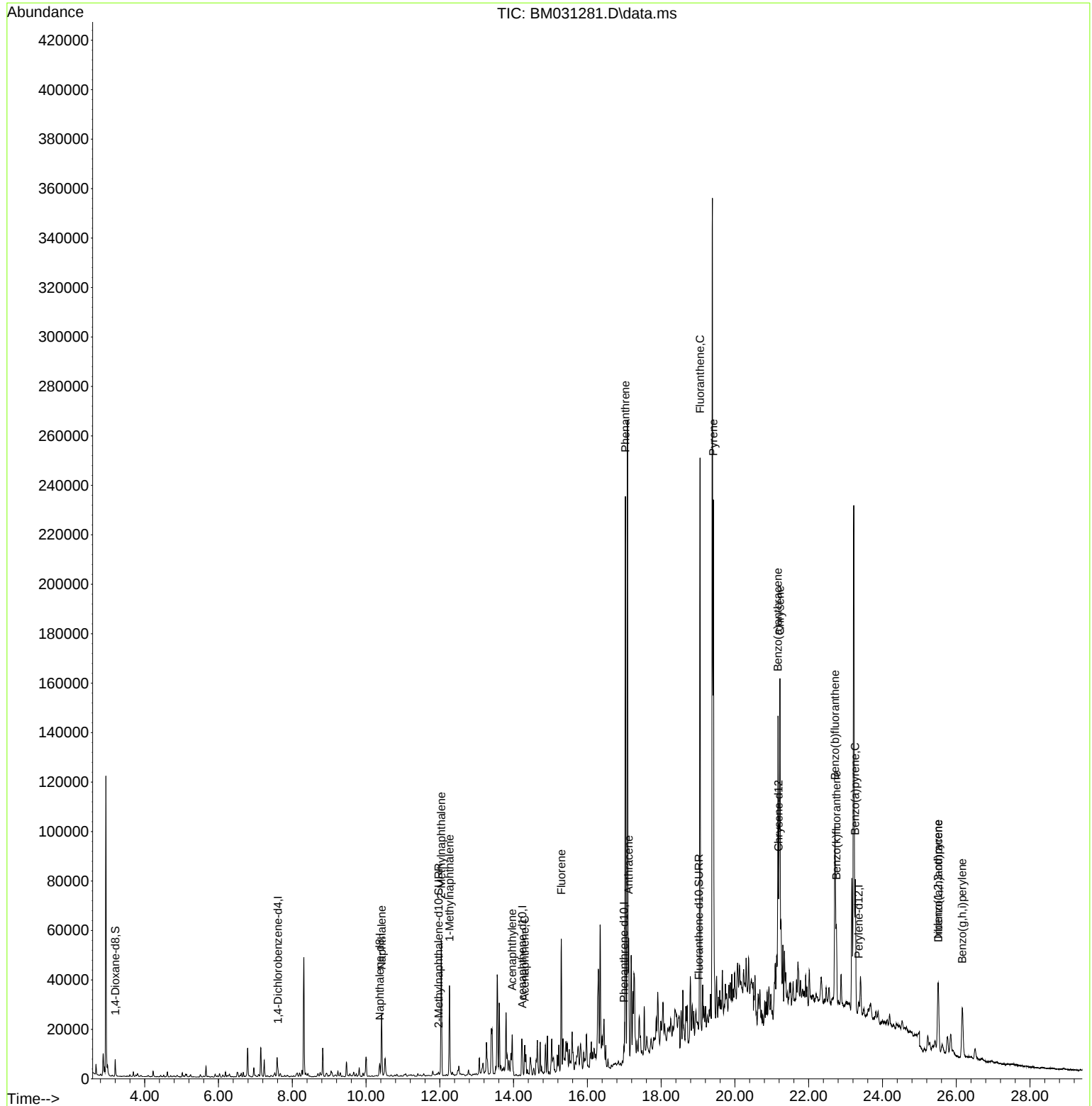
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072921\
Data File : BM031281.D
Acq On : 30 Jul 2021 16:51
Operator : CG/JU
Sample : M3084-10
Misc :
ALS Vial : 43 Sample Multiplier: 1

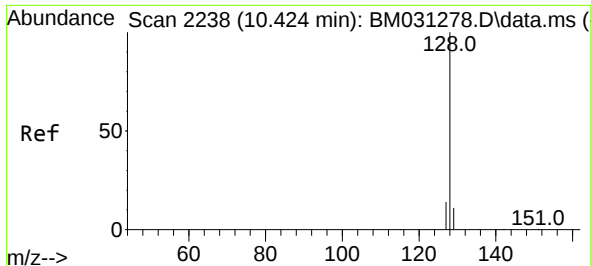
Instrument :
BNA_M
ClientSampleId :
C0028

Manual Integrations
APPROVED

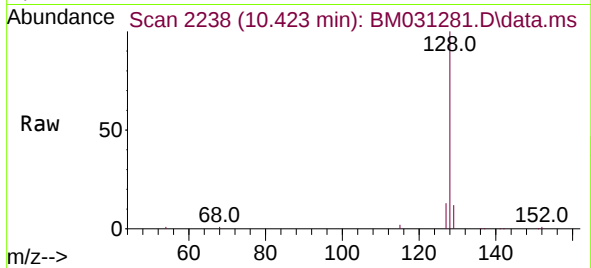
mohammad
8/2/2021 3:40:09 PM

Quant Time: Jul 30 17:21:42 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 : Fri Jul 30 14:17:26 2021
Response via : Initial Calibration

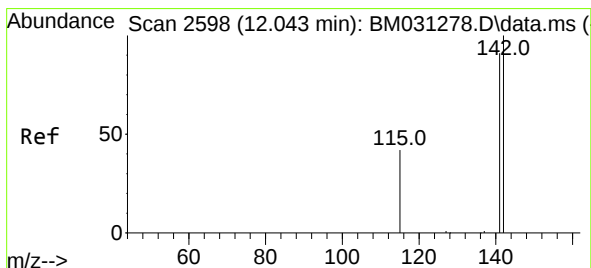
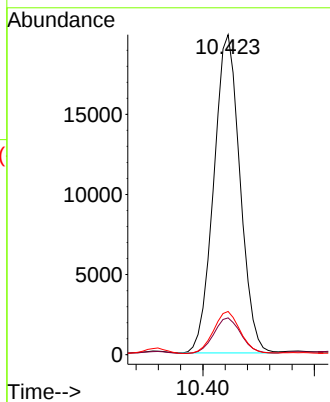
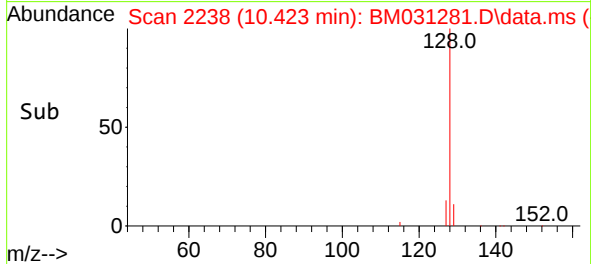




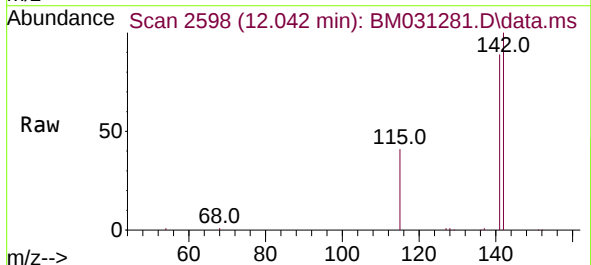
#5
Naphthalene
Concen: 2.03 ng/ul
RT: 10.423 min Scan# 2238
Delta R.T. -0.000 min
Lab File: BM031281.D
Acq: 30 Jul 2021 16:51



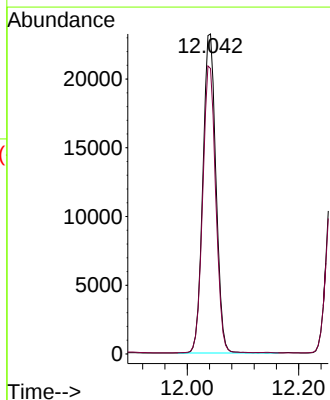
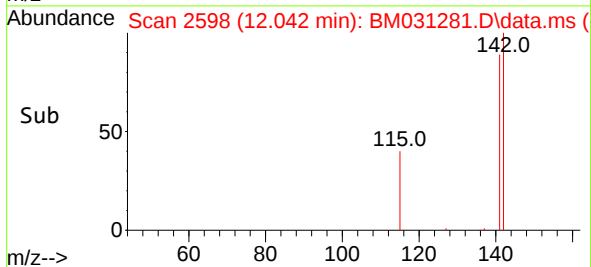
Tgt Ion:128 Resp: 32538
Ion Ratio Lower Upper
128 100
129 11.5 10.0 15.0
127 13.5 11.6 17.4



#7
2-Methylnaphthalene
Concen: 3.45 ng/ul
RT: 12.042 min Scan# 2598
Delta R.T. -0.000 min
Lab File: BM031281.D
Acq: 30 Jul 2021 16:51



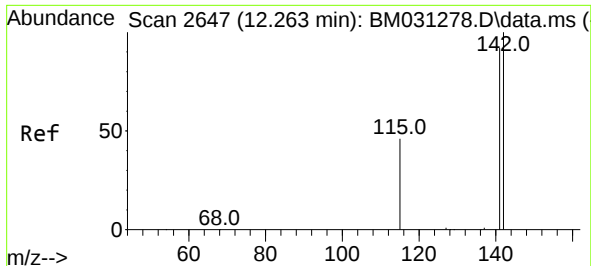
Tgt Ion:142 Resp: 37743
Ion Ratio Lower Upper
142 100
141 89.8 71.4 107.0



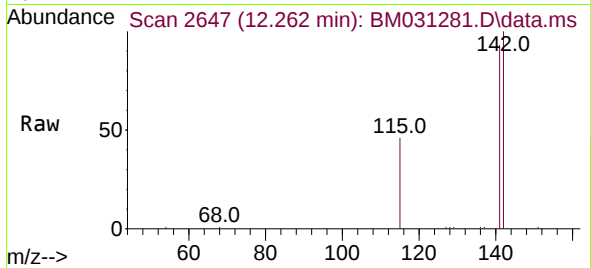
Instrument :
BNA_M
ClientSampleId :
C0028

Manual Integrations
APPROVED

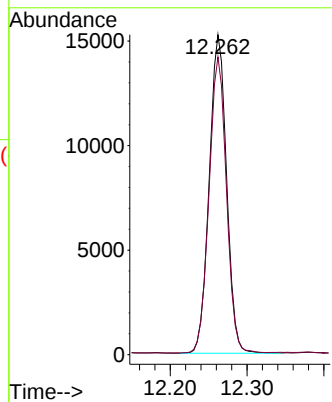
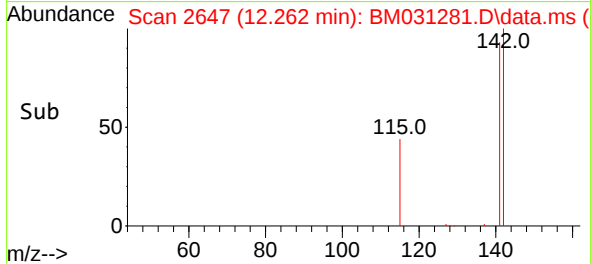
mohammad
8/2/2021 3:40:09 PM



#8
1-Methylnaphthalene
Concen: 2.21 ng/ul
RT: 12.262 min Scan# 2647
Delta R.T. -0.005 min
Lab File: BM031281.D
Acq: 30 Jul 2021 16:51



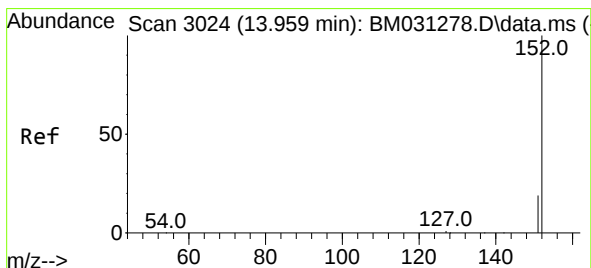
Tgt Ion:142 Resp: 23881
Ion Ratio Lower Upper
142 100
141 93.3 74.1 111.1



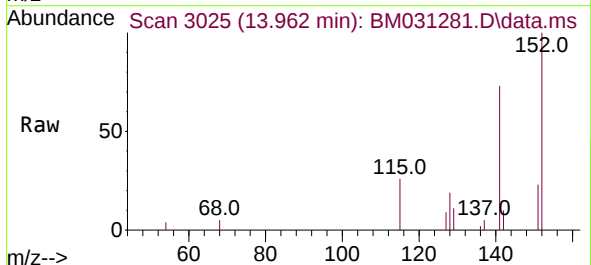
Instrument :
BNA_M
ClientSampled :
C0028

Manual Integrations
APPROVED

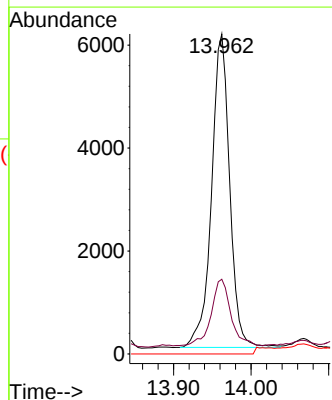
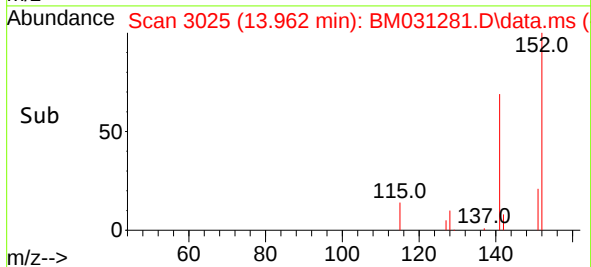
mohammad
8/2/2021 3:40:09 PM

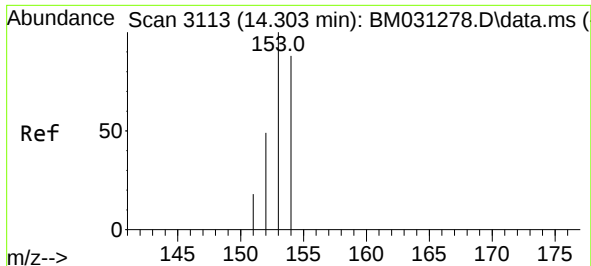


#10
Acenaphthylene
Concen: 0.59 ng/ul
RT: 13.962 min Scan# 3025
Delta R.T. -0.000 min
Lab File: BM031281.D
Acq: 30 Jul 2021 16:51

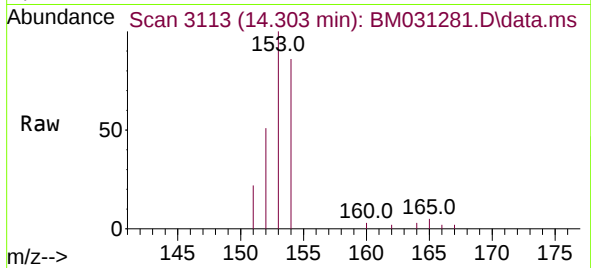


Tgt Ion:152 Resp: 9494
Ion Ratio Lower Upper
152 100
151 23.4 16.9 25.3
153 0.0 0.0 0.0

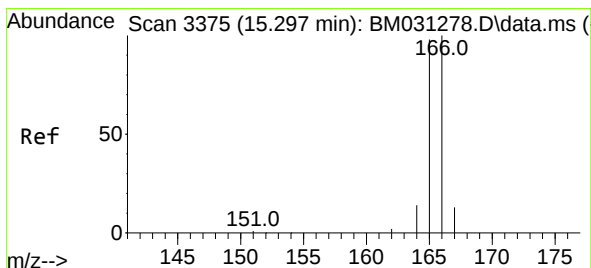
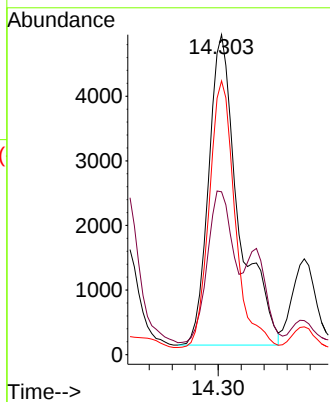
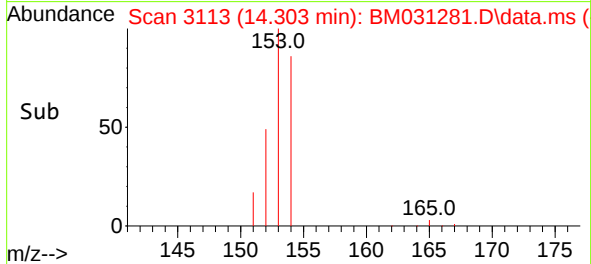




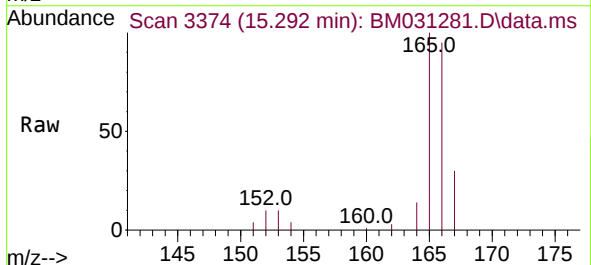
#11
Acenaphthene
Concen: 0.64 ng/ul
RT: 14.303 min Scan# 3113
Delta R.T. -0.000 min
Lab File: BM031281.D
Acq: 30 Jul 2021 16:51



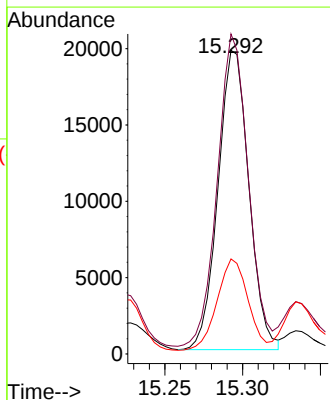
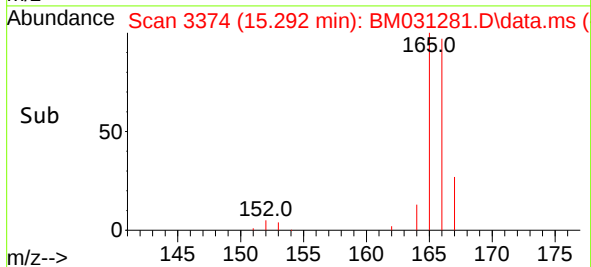
Tgt Ion:153 Resp: 8742
Ion Ratio Lower Upper
153 100
152 50.9 40.7 61.1
154 85.6 70.2 105.2



#12
Fluorene
Concen: 1.73 ng/ul
RT: 15.292 min Scan# 3374
Delta R.T. -0.004 min
Lab File: BM031281.D
Acq: 30 Jul 2021 16:51



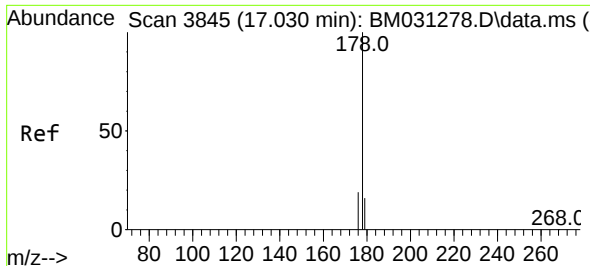
Tgt Ion:166 Resp: 27059
Ion Ratio Lower Upper
166 100
165 105.4 78.0 117.0
167 31.3 12.0 18.0#



Instrument :
BNA_M
ClientSampleId :
C0028

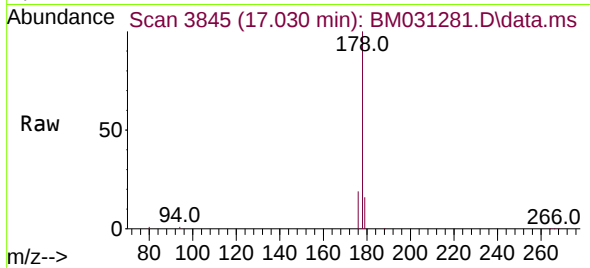
Manual Integrations
APPROVED

mohammad
8/2/2021 3:40:09 PM



#15
Phenanthrene
Concen: 10.43 ng/ul
RT: 17.030 min Scan# 3845
Delta R.T. -0.000 min
Lab File: BM031281.D
Acq: 30 Jul 2021 16:51

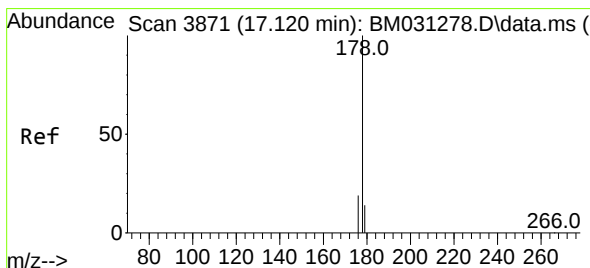
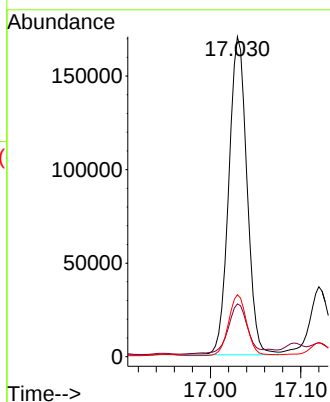
Instrument :
BNA_M
ClientSampled :
C0028



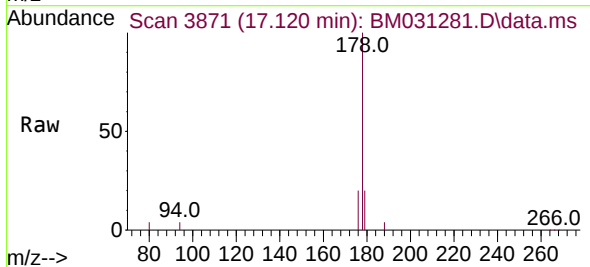
Tgt Ion:178 Resp: 237982
Ion Ratio Lower Upper
178 100
179 16.5 13.3 19.9
176 19.4 16.2 24.4

Manual Integrations
APPROVED

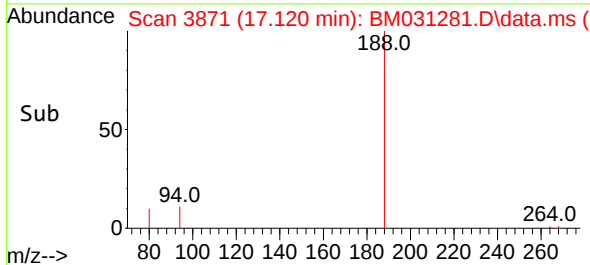
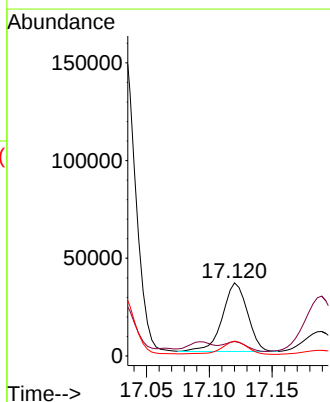
mohammad
8/2/2021 3:40:09 PM

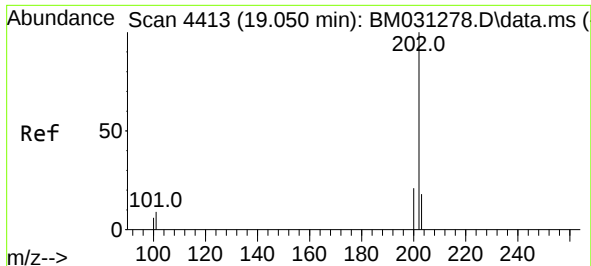


#16
Anthracene
Concen: 2.27 ng/ul
RT: 17.120 min Scan# 3871
Delta R.T. -0.000 min
Lab File: BM031281.D
Acq: 30 Jul 2021 16:51



Tgt Ion:178 Resp: 48549
Ion Ratio Lower Upper
178 100
179 19.7 13.0 19.6#
176 20.3 15.6 23.4





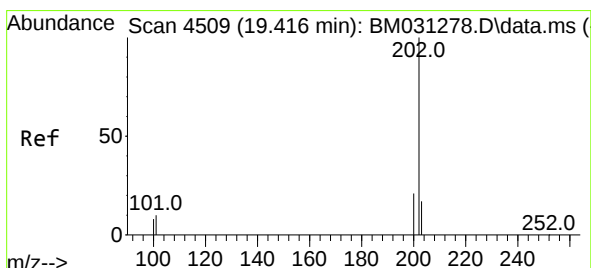
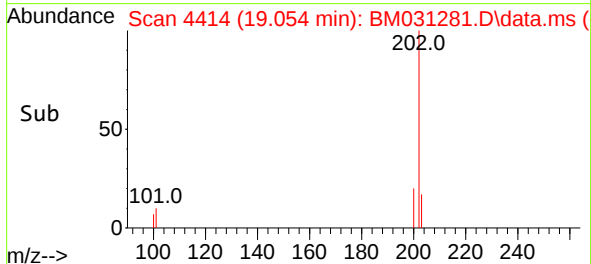
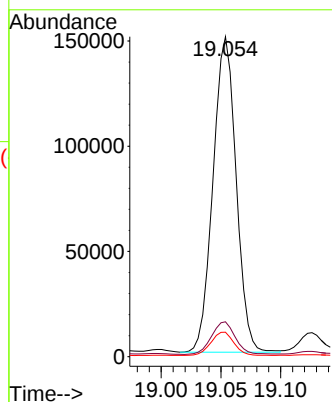
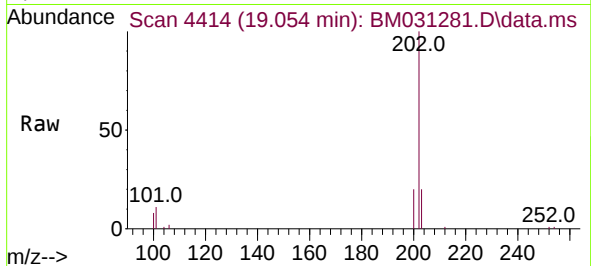
#19
Fluoranthene
Concen: 7.99 ng/ul
RT: 19.054 min Scan# 4414
Delta R.T. 0.004 min
Lab File: BM031281.D
Acq: 30 Jul 2021 16:51

Tgt Ion:202 Resp: 201856
Ion Ratio Lower Upper
202 100
101 10.9 6.6 10.0#
100 7.6 5.4 8.0

Instrument :
BNA_M
ClientSampled :
C0028

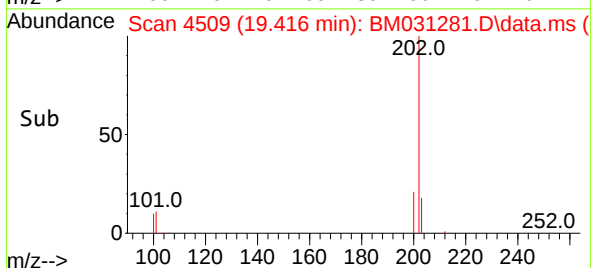
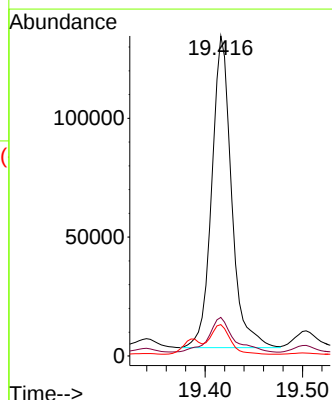
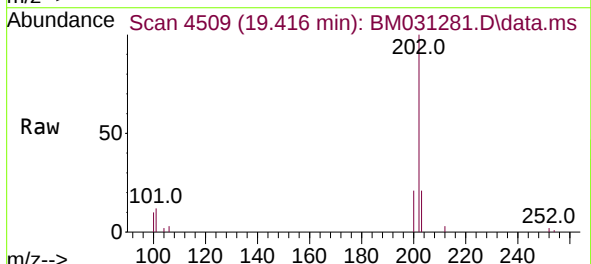
Manual Integrations
APPROVED

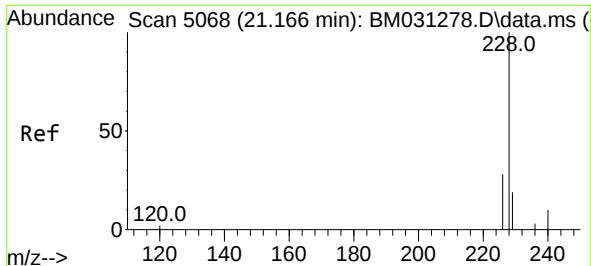
mohammad
8/2/2021 3:40:09 PM



#20
Pyrene
Concen: 7.21 ng/ul
RT: 19.416 min Scan# 4509
Delta R.T. 0.004 min
Lab File: BM031281.D
Acq: 30 Jul 2021 16:51

Tgt Ion:202 Resp: 184868
Ion Ratio Lower Upper
202 100
101 12.1 7.8 11.6#
100 9.8 6.6 10.0





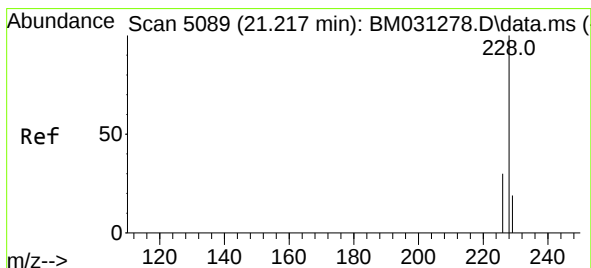
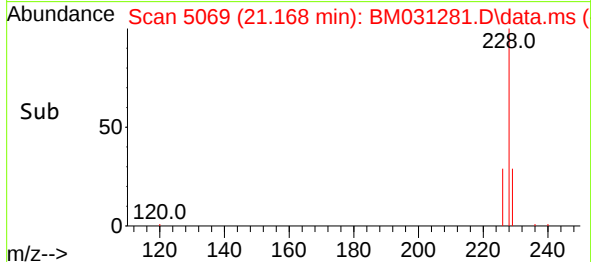
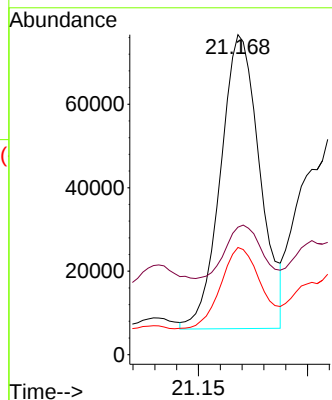
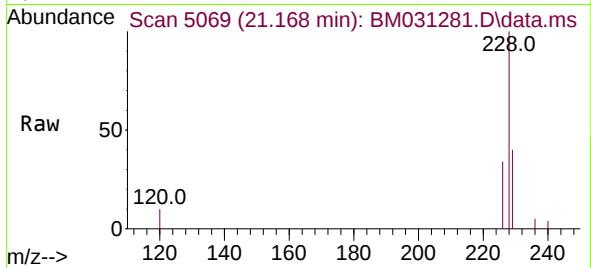
#21
Benzo(a)anthracene
Concen: 3.69 ng/ul
RT: 21.168 min Scan# 5069
Delta R.T. 0.007 min
Lab File: BM031281.D
Acq: 30 Jul 2021 16:51

Tgt Ion:228 Resp: 88277
Ion Ratio Lower Upper
228 100
229 39.8 15.6 23.4#
226 33.5 21.7 32.5#

Instrument :
BNA_M
ClientSampled :
C0028

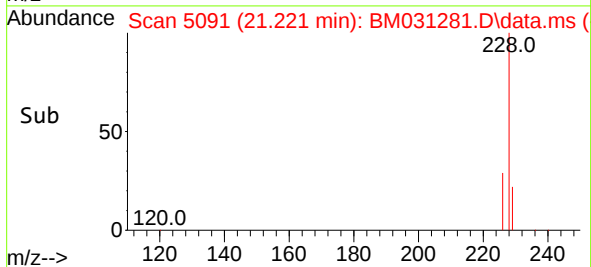
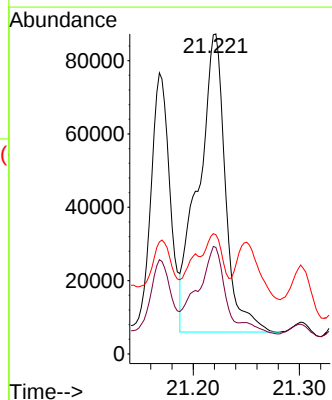
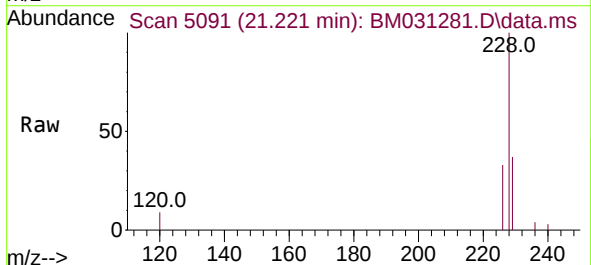
Manual Integrations
APPROVED

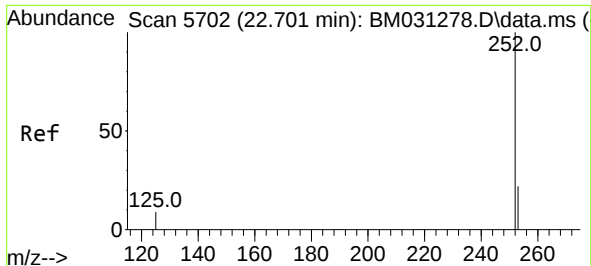
mohammad
8/2/2021 3:40:09 PM



#22
Chrysene
Concen: 5.83 ng/ul
RT: 21.221 min Scan# 5091
Delta R.T. 0.007 min
Lab File: BM031281.D
Acq: 30 Jul 2021 16:51

Tgt Ion:228 Resp: 144287
Ion Ratio Lower Upper
228 100
226 33.3 24.7 37.1
229 37.3 16.2 24.2#





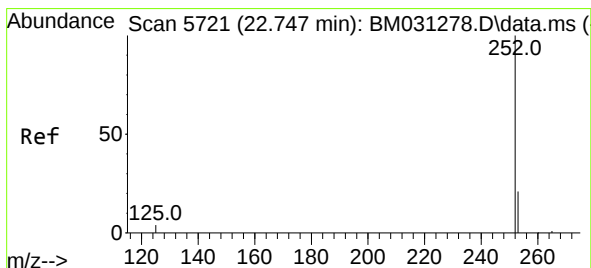
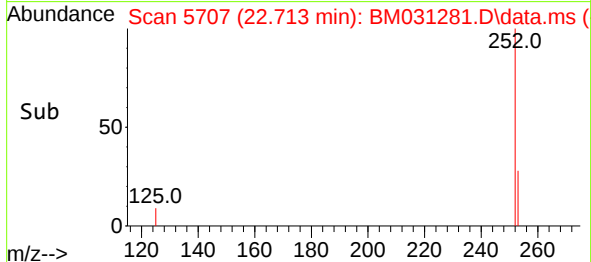
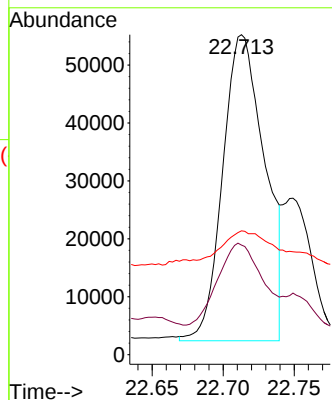
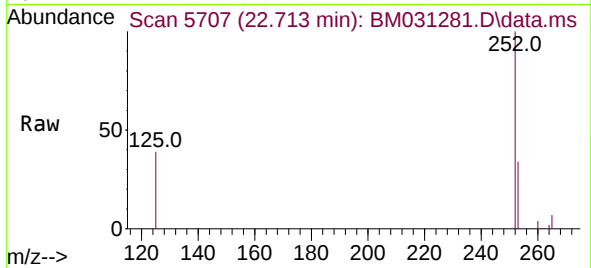
#24
Benzo(b)fluoranthene
Concen: 3.80 ng/ul m
RT: 22.713 min Scan# 5707
Delta R.T. 0.015 min
Lab File: BM031281.D
Acq: 30 Jul 2021 16:51

Tgt Ion:252 Resp: 108708
Ion Ratio Lower Upper
252 100
253 34.2 0.0 53.0
125 38.7 0.0 22.8#

Instrument :
BNA_M
ClientSampled :
C0028

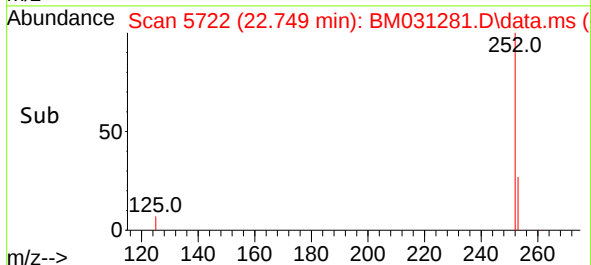
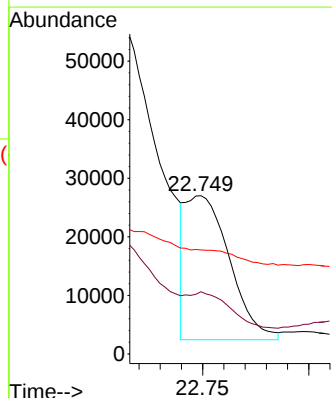
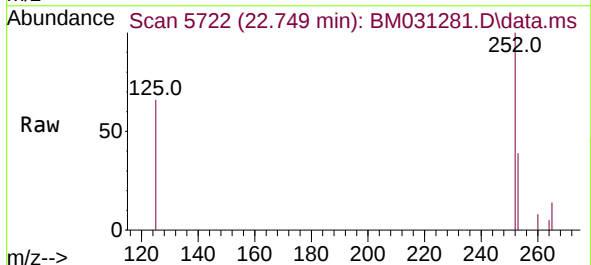
Manual Integrations
APPROVED

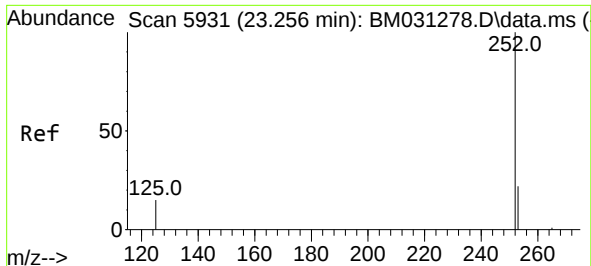
mohammad
8/2/2021 3:40:09 PM



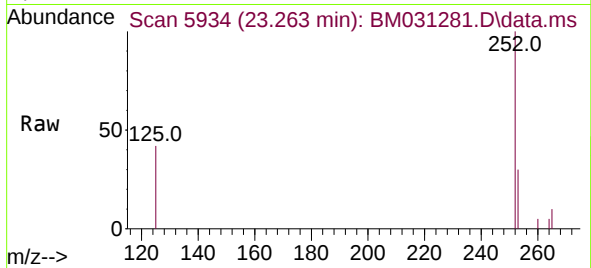
#25
Benzo(k)fluoranthene
Concen: 1.20 ng/ul m
RT: 22.749 min Scan# 5722
Delta R.T. 0.010 min
Lab File: BM031281.D
Acq: 30 Jul 2021 16:51

Tgt Ion:252 Resp: 35397
Ion Ratio Lower Upper
252 100
253 39.3 21.3 31.9#
125 65.8 8.8 13.2#

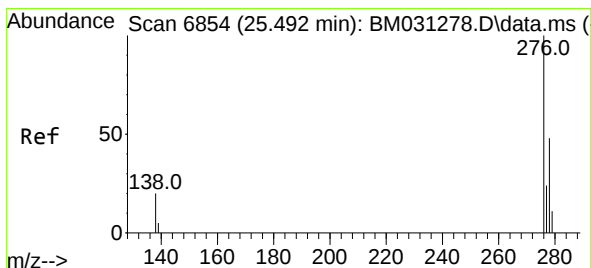
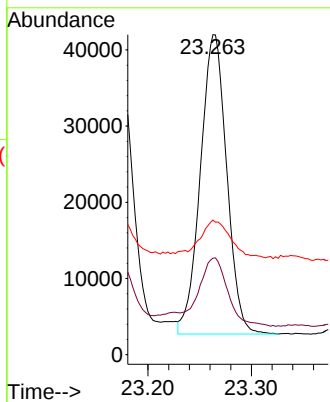
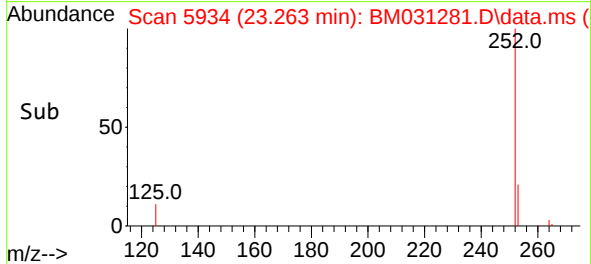




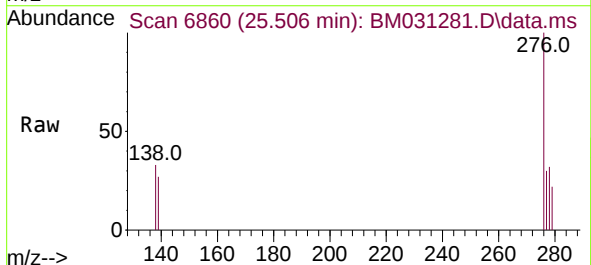
#26
Benzo(a)pyrene
Concen: 2.78 ng/ul
RT: 23.263 min Scan# 5934
Delta R.T. 0.015 min
Lab File: BM031281.D
Acq: 30 Jul 2021 16:51



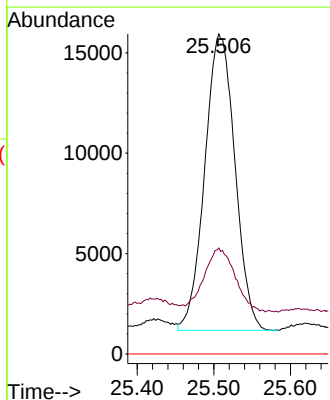
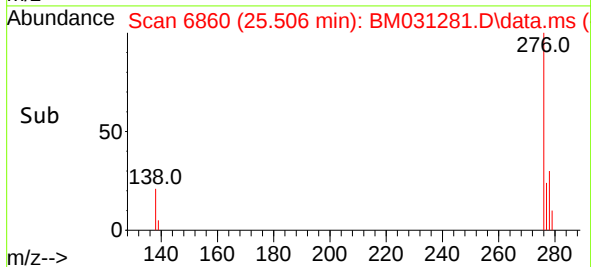
Tgt Ion:252 Resp: 69617
Ion Ratio Lower Upper
252 100
253 30.2 22.4 33.6
125 42.0 13.0 19.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.25 ng/ul
RT: 25.506 min Scan# 6860
Delta R.T. 0.017 min
Lab File: BM031281.D
Acq: 30 Jul 2021 16:51



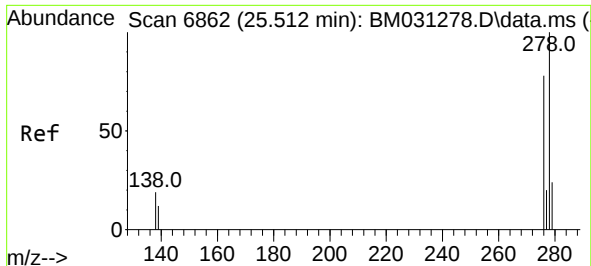
Tgt Ion:276 Resp: 40332
Ion Ratio Lower Upper
276 100
138 22.4 15.8 23.8
227 0.0 0.0 0.0



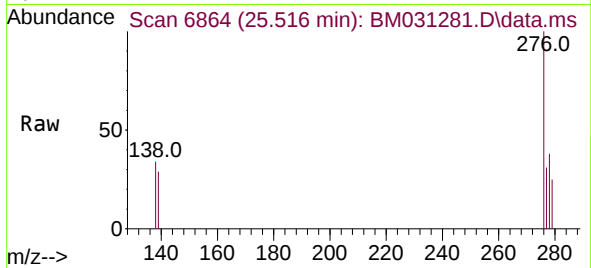
Instrument :
BNA_M
ClientSampled :
C0028

Manual Integrations
APPROVED

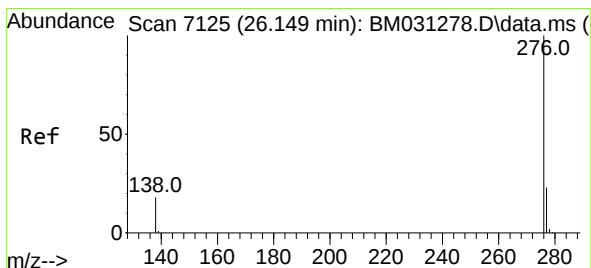
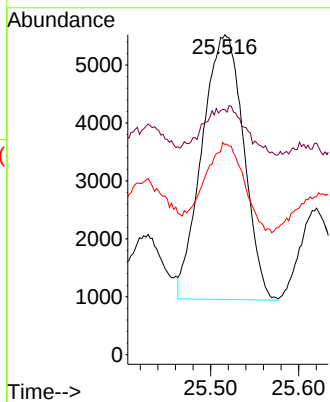
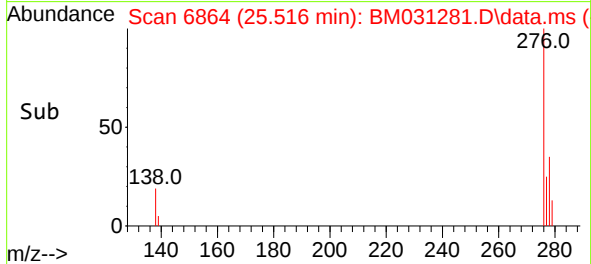
mohammad
8/2/2021 3:40:09 PM



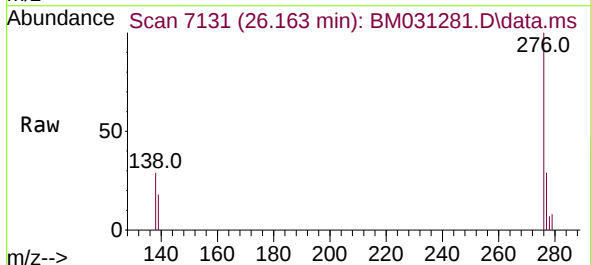
#28
Dibenzo(a,h)anthracene
Concen: 0.58 ng/ul
RT: 25.516 min Scan# 6864
Delta R.T. 0.012 min
Lab File: BM031281.D
Acq: 30 Jul 2021 16:51



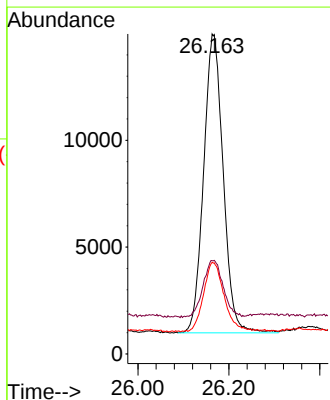
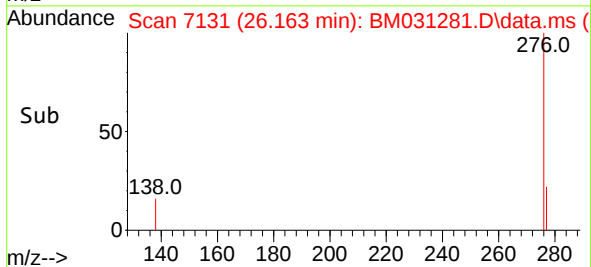
Tgt Ion:278 Resp: 15022
Ion Ratio Lower Upper
278 100
139 76.6 13.3 19.9#
279 65.7 22.8 34.2#



#29
Benzo(g,h,i)perylene
Concen: 1.51 ng/ul
RT: 26.163 min Scan# 7131
Delta R.T. 0.019 min
Lab File: BM031281.D
Acq: 30 Jul 2021 16:51



Tgt Ion:276 Resp: 41776
Ion Ratio Lower Upper
276 100
138 29.1 15.4 23.2#
277 28.6 19.9 29.9



Instrument :
BNA_M
ClientSampled :
C0028

Manual Integrations
APPROVED

mohammad
8/2/2021 3:40:09 PM