

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072321\
 Data File : BM031107.D
 Acq On : 24 Jul 2021 02:44
 Operator : CG/JU
 Sample : M2970-15DL 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGEC6DL

Manual Integrations
 APPROVED

mohammad
 7/26/2021 1:26:25 PM

Quant Time: Jul 24 04:20:35 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 : Fri Jul 23 18:04:27 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.638	152	1787	0.40	ng/ul	0.00
4) Naphthalene-d8	10.400	136	6983	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.265	164	4555	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.009	188	9991	0.40	ng/ul	0.00
17) Chrysene-d12	21.194	240	10440	0.40	ng/ul	0.00
23) Perylene-d12	23.363	264	10133	0.40	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.220	96	862	0.46	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.992	152	425	0.03	ng/ul	0.00
18) Fluoranthene-d10	19.038	212	1259	0.04	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.449	128	7105	0.34	ng/ul	99
7) 2-Methylnaphthalene	12.069	142	1014	0.07	ng/ul	98
8) 1-Methylnaphthalene	12.289	142	601	0.04	ng/ul	97
10) Acenaphthylene	13.985	152	11429	0.61	ng/ul	96
11) Acenaphthene	14.326	153	8748	0.53	ng/ul	99
12) Fluorene	15.315	166	12122	0.63	ng/ul	99
15) Phenanthrene	17.051	178	169176	5.33	ng/ul	98
16) Anthracene	17.141	178	39389	1.33	ng/ul	97
19) Fluoranthene	19.069	202	278875	6.64	ng/ul	99
20) Pyrene	19.431	202	154022	3.59	ng/ul	99
21) Benzo(a)anthracene	21.177	228	132345	3.17	ng/ul	97
22) Chrysene	21.227	228	100337	2.22	ng/ul	97
24) Benzo(b)fluoranthene	22.721	252	123096m	2.58	ng/ul	
25) Benzo(k)fluoranthene	22.758	252	46730m	0.97	ng/ul	
26) Benzo(a)pyrene	23.269	252	41062	1.00	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	25.517	276	28877	0.54	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.527	278	12912	0.30	ng/ul	93
29) Benzo(g,h,i)perylene	26.176	276	1047	0.02	ng/ul#	53

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

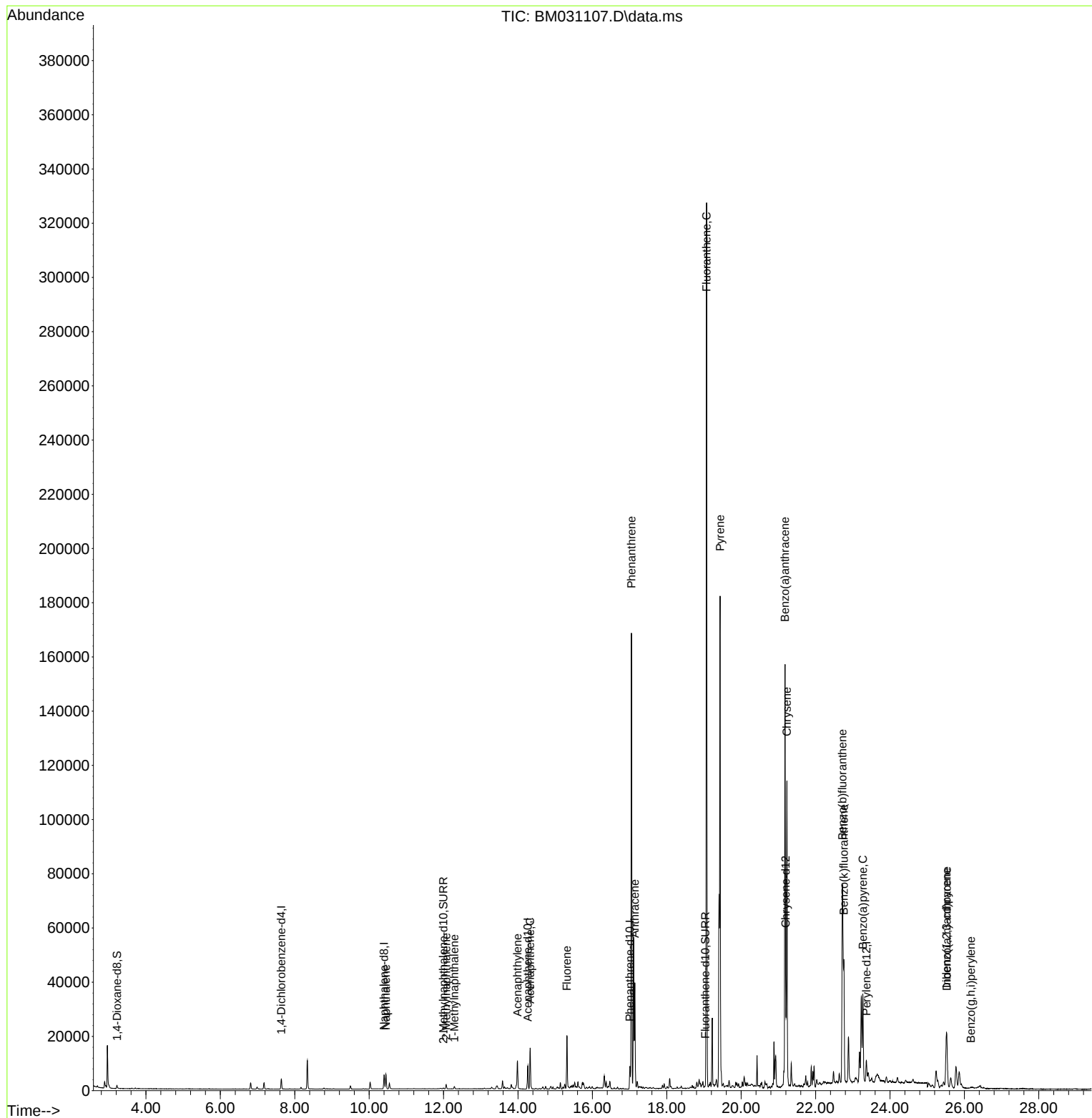
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072321\
Data File : BM031107.D
Acq On : 24 Jul 2021 02:44
Operator : CG/JU
Sample : M2970-15DL 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

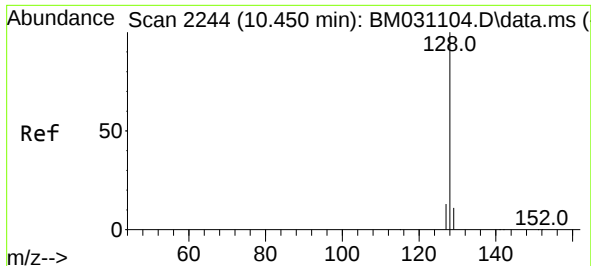
Instrument :
BNA_M
ClientSampleId :
BGEC6DL

Manual Integrations
APPROVED

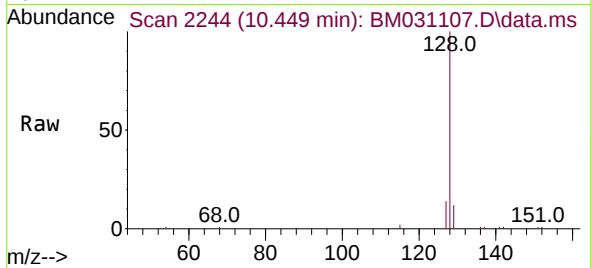
mohammad
7/26/2021 1:26:25 PM

Quant Time: Jul 24 04:20:35 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 : Fri Jul 23 18:04:27 2021
Response via : Initial Calibration

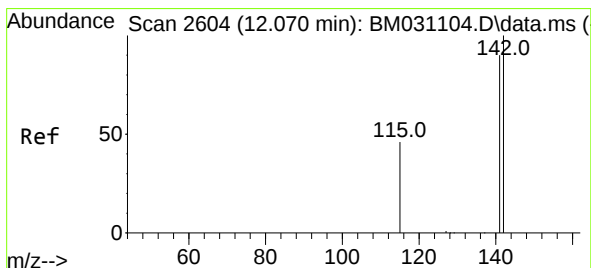
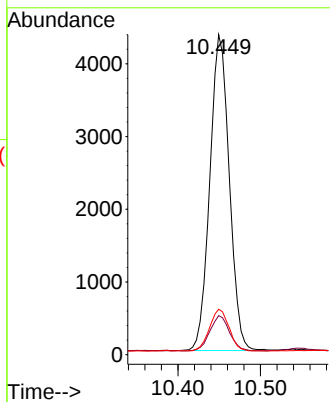
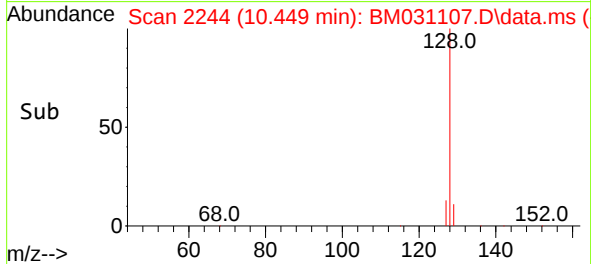




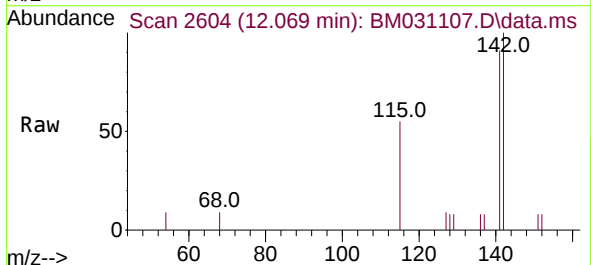
#5
Naphthalene
Concen: 0.34 ng/ul
RT: 10.449 min Scan# 2244
Delta R.T. -0.006 min
Lab File: BM031107.D
Acq: 24 Jul 2021 02:44



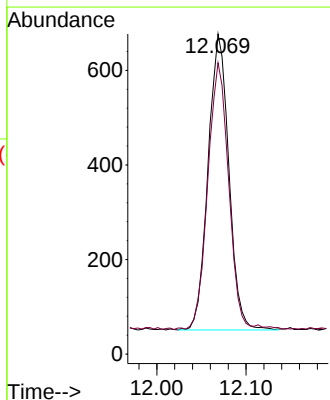
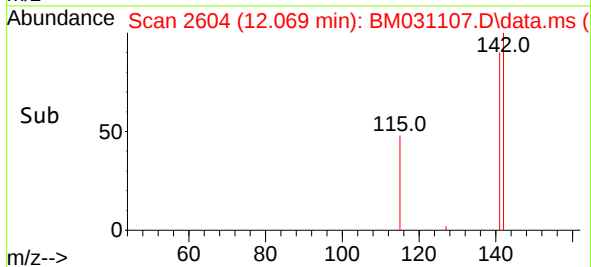
Tgt Ion:	128	Resp:	7105
Ion Ratio	Lower	Upper	
128	100		
129	12.2	10.2	15.4
127	14.2	11.8	17.8



#7
2-Methylnaphthalene
Concen: 0.07 ng/ul
RT: 12.069 min Scan# 2604
Delta R.T. -0.006 min
Lab File: BM031107.D
Acq: 24 Jul 2021 02:44



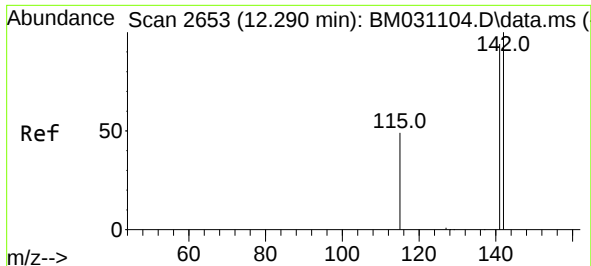
Tgt Ion:	142	Resp:	1014
Ion Ratio	Lower	Upper	
142	100		
141	91.2	71.5	107.3



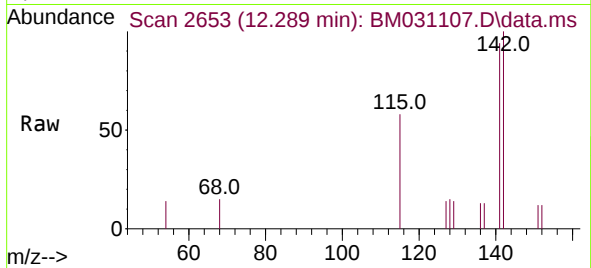
Instrument :
BNA_M
ClientSampled :
BGEC6DL

Manual Integrations
APPROVED

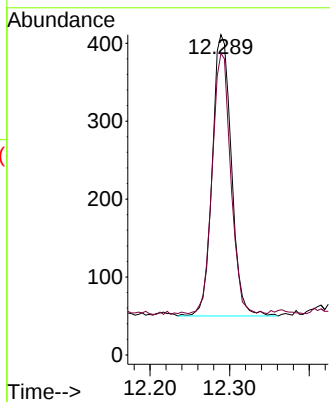
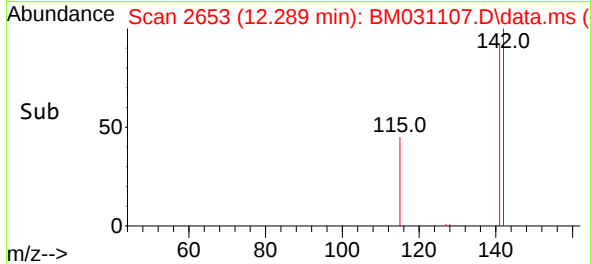
mohammad
7/26/2021 1:26:25 PM



#8
1-Methylnaphthalene
Concen: 0.04 ng/ul
RT: 12.289 min Scan# 2653
Delta R.T. -0.006 min
Lab File: BM031107.D
Acq: 24 Jul 2021 02:44



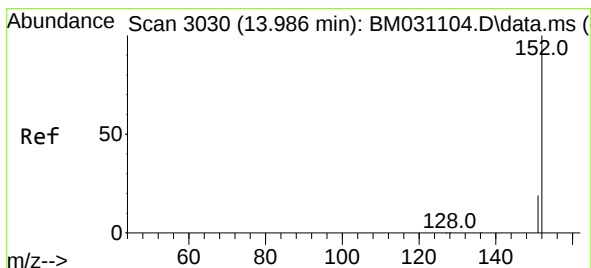
Tgt Ion:142 Resp: 601
Ion Ratio Lower Upper
142 100
141 89.7 74.2 111.4



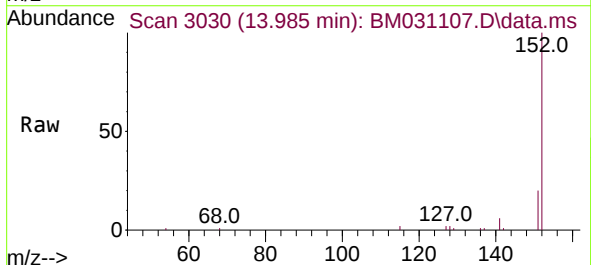
Instrument :
BNA_M
ClientSampleID :
BGEC6DL

Manual Integrations
APPROVED

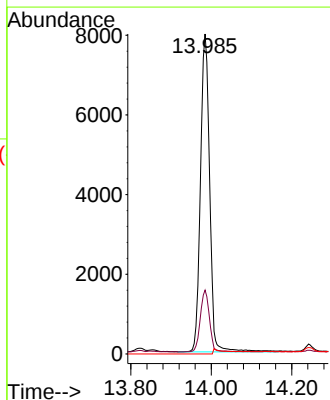
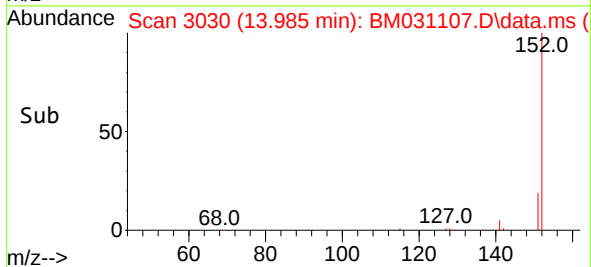
mohammad
7/26/2021 1:26:25 PM

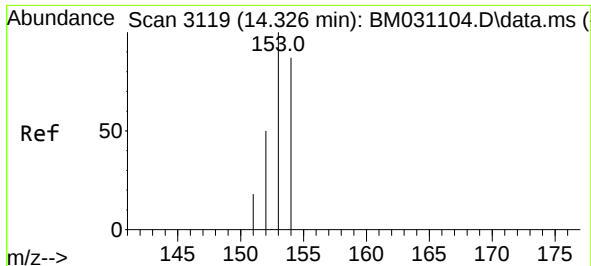


#10
Acenaphthylene
Concen: 0.61 ng/ul
RT: 13.985 min Scan# 3030
Delta R.T. -0.006 min
Lab File: BM031107.D
Acq: 24 Jul 2021 02:44

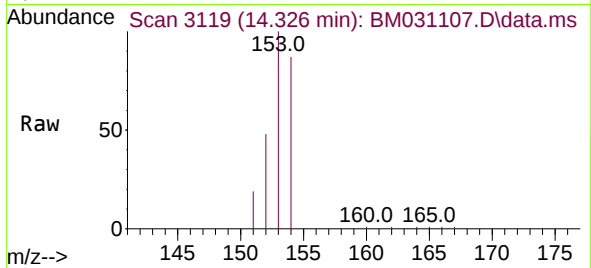


Tgt Ion:152 Resp: 11429
Ion Ratio Lower Upper
152 100
151 19.9 17.5 26.3
153 0.0 0.0 0.0

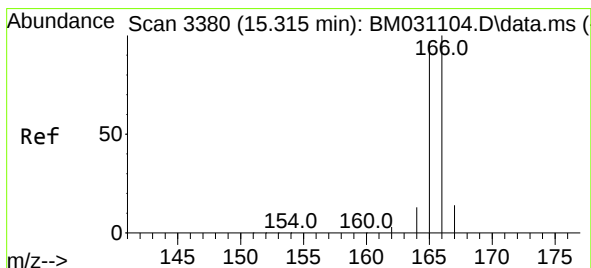
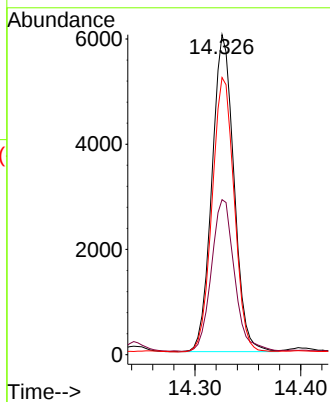
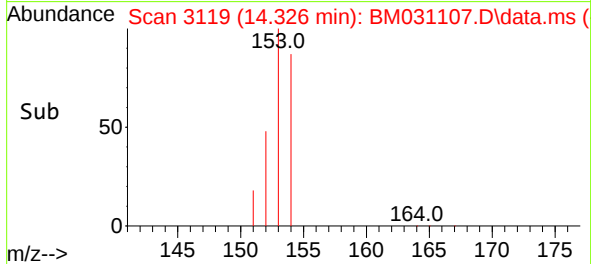




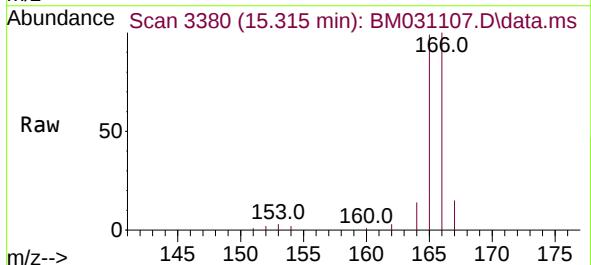
#11
Acenaphthene
Concen: 0.53 ng/ul
RT: 14.326 min Scan# 3119
Delta R.T. -0.004 min
Lab File: BM031107.D
Acq: 24 Jul 2021 02:44



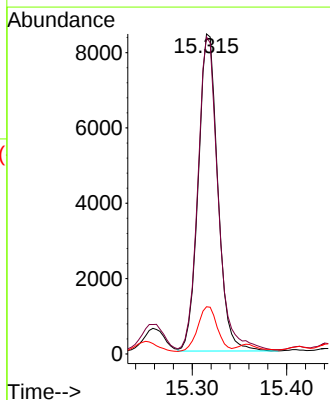
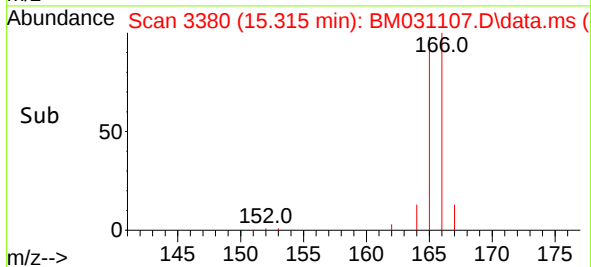
Tgt Ion:153 Resp: 8748
Ion Ratio Lower Upper
153 100
152 48.5 39.4 59.2
154 86.6 68.2 102.4



#12
Fluorene
Concen: 0.63 ng/ul
RT: 15.315 min Scan# 3380
Delta R.T. -0.004 min
Lab File: BM031107.D
Acq: 24 Jul 2021 02:44



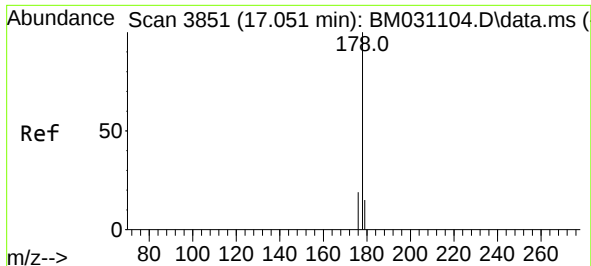
Tgt Ion:166 Resp: 12122
Ion Ratio Lower Upper
166 100
165 99.1 78.2 117.2
167 14.7 12.3 18.5



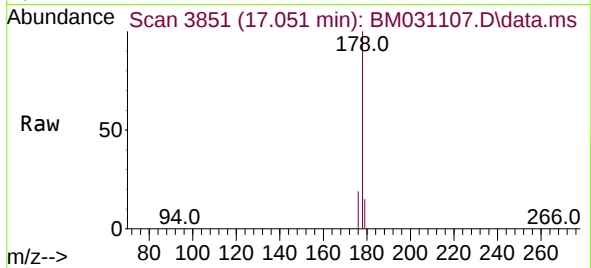
Instrument :
BNA_M
ClientSampled :
BGEC6DL

Manual Integrations
APPROVED

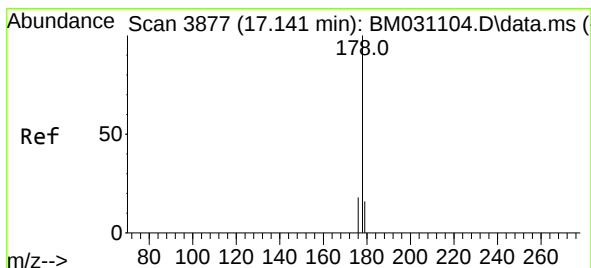
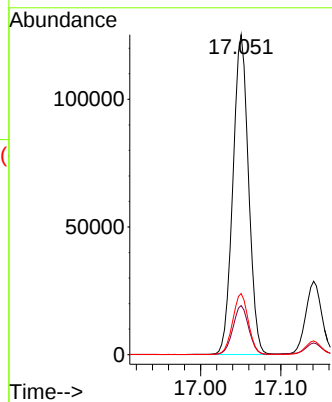
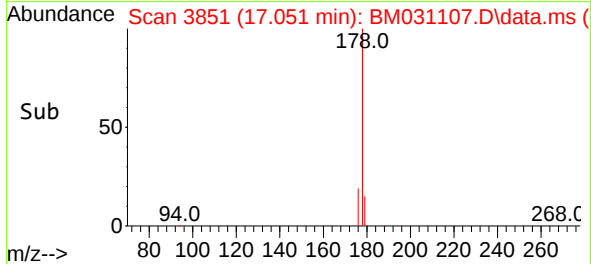
mohammad
7/26/2021 1:26:25 PM



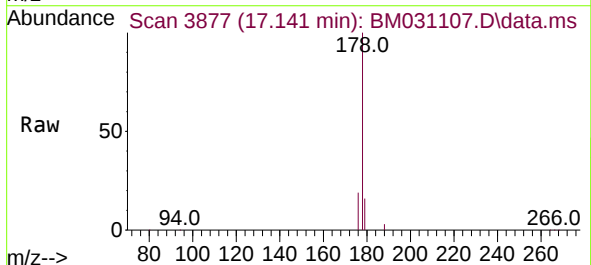
#15
Phenanthrene
Concen: 5.33 ng/ul
RT: 17.051 min Scan# 3851
Delta R.T. -0.004 min
Lab File: BM031107.D
Acq: 24 Jul 2021 02:44



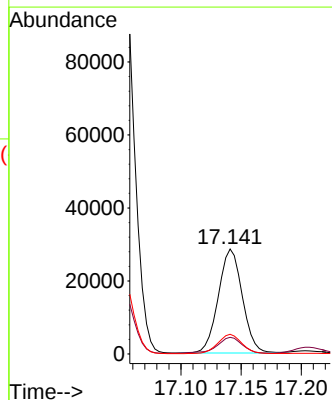
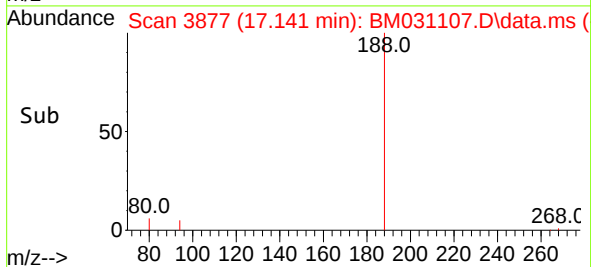
Tgt Ion:178 Resp: 169176
Ion Ratio Lower Upper
178 100
179 15.3 13.3 19.9
176 19.1 15.4 23.2



#16
Anthracene
Concen: 1.33 ng/ul
RT: 17.141 min Scan# 3877
Delta R.T. -0.004 min
Lab File: BM031107.D
Acq: 24 Jul 2021 02:44



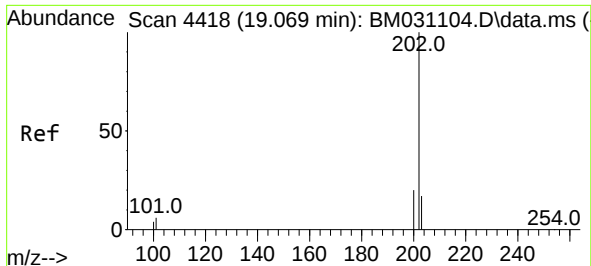
Tgt Ion:178 Resp: 39389
Ion Ratio Lower Upper
178 100
179 15.8 13.8 20.8
176 18.7 15.7 23.5



Instrument :
BNA_M
ClientSampleId :
BGEC6DL

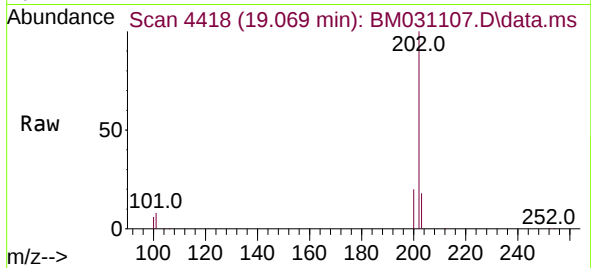
Manual Integrations
APPROVED

mohammad
7/26/2021 1:26:25 PM



#19
Fluoranthene
Concen: 6.64 ng/ul
RT: 19.069 min Scan# 4418
Delta R.T. -0.000 min
Lab File: BM031107.D
Acq: 24 Jul 2021 02:44

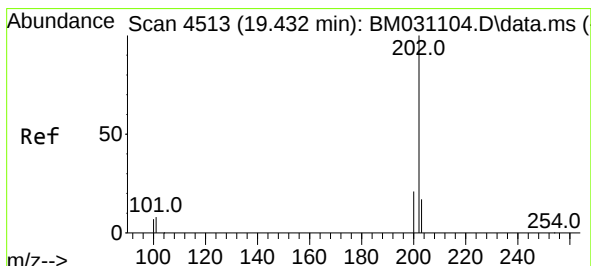
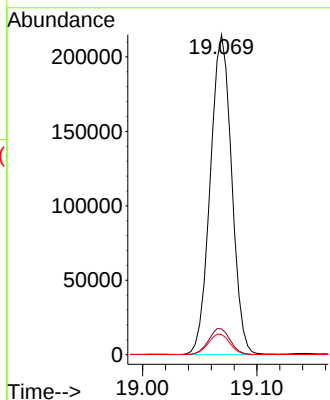
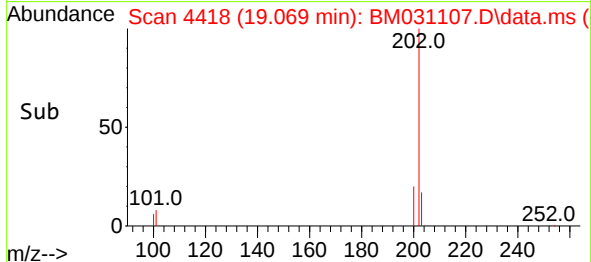
Instrument :
BNA_M
ClientSampleId :
BGEC6DL



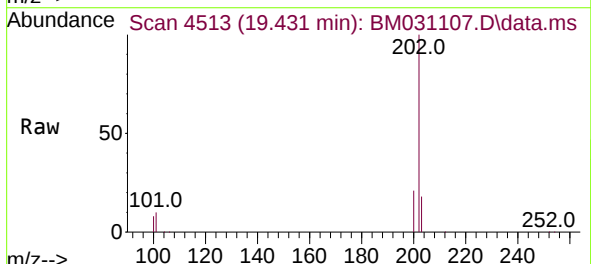
Tgt Ion:202 Resp: 278875
Ion Ratio Lower Upper
202 100
101 8.1 6.0 9.0
100 6.3 4.8 7.2

Manual Integrations
APPROVED

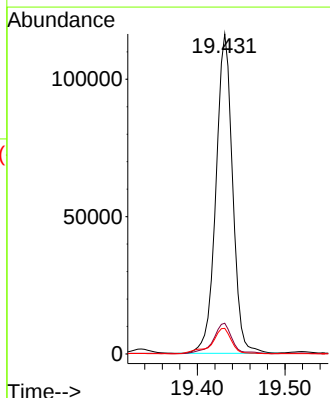
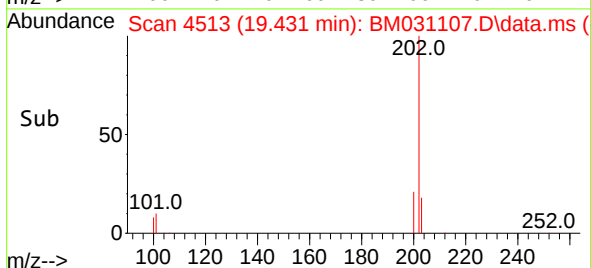
mohammad
7/26/2021 1:26:25 PM

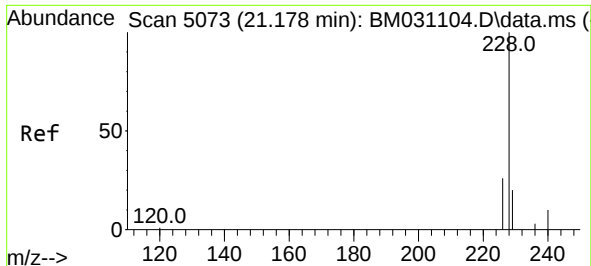


#20
Pyrene
Concen: 3.59 ng/ul
RT: 19.431 min Scan# 4513
Delta R.T. -0.004 min
Lab File: BM031107.D
Acq: 24 Jul 2021 02:44



Tgt Ion:202 Resp: 154022
Ion Ratio Lower Upper
202 100
101 9.6 7.4 11.0
100 8.0 6.0 9.0





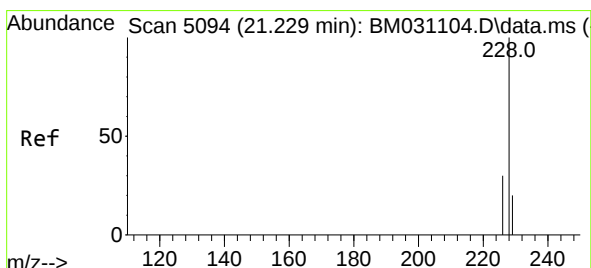
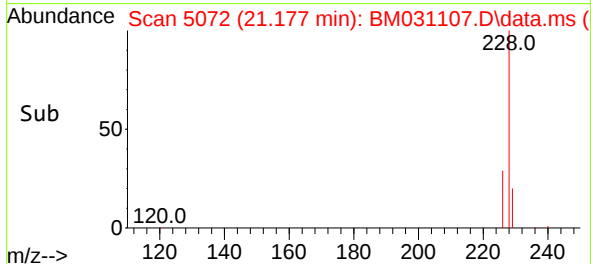
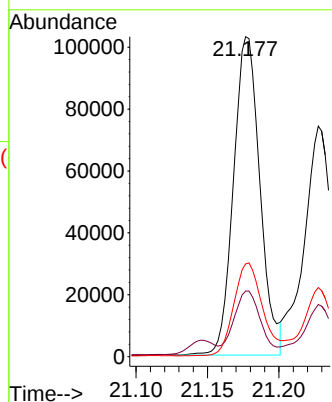
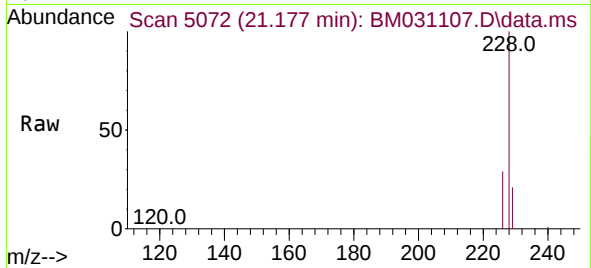
#21
Benzo(a)anthracene
Concen: 3.17 ng/ul
RT: 21.177 min Scan# 5072
Delta R.T. -0.006 min
Lab File: BM031107.D
Acq: 24 Jul 2021 02:44

Tgt Ion:228 Resp: 132345
Ion Ratio Lower Upper
228 100
229 20.5 16.0 24.0
226 29.0 21.4 32.2

Instrument :
BNA_M
ClientSampled :
BGEC6DL

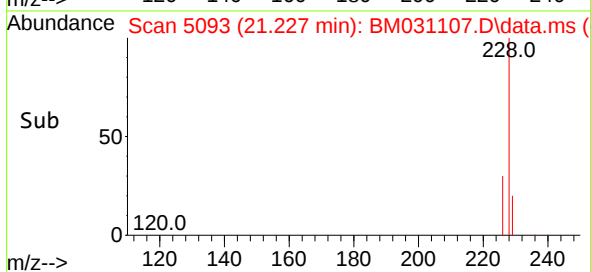
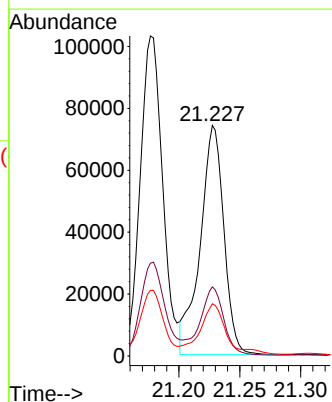
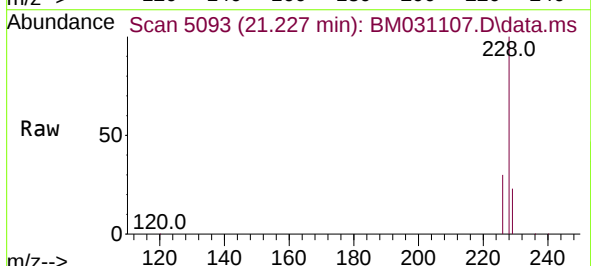
Manual Integrations
APPROVED

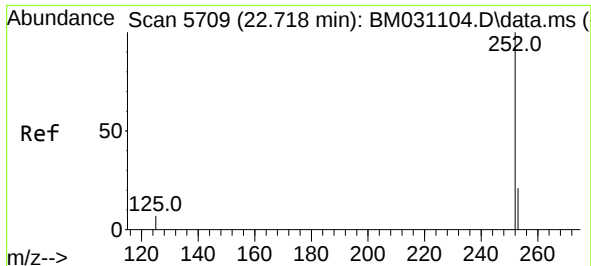
mohammad
7/26/2021 1:26:25 PM



#22
Chrysene
Concen: 2.22 ng/ul
RT: 21.227 min Scan# 5093
Delta R.T. -0.006 min
Lab File: BM031107.D
Acq: 24 Jul 2021 02:44

Tgt Ion:228 Resp: 100337
Ion Ratio Lower Upper
228 100
226 30.0 24.5 36.7
229 22.7 15.8 23.8





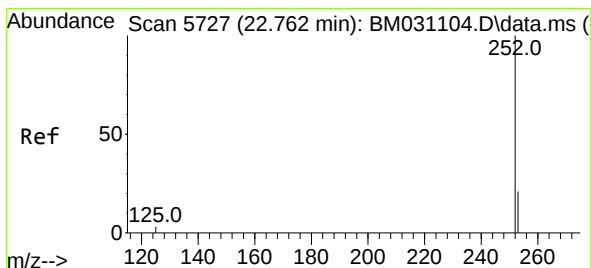
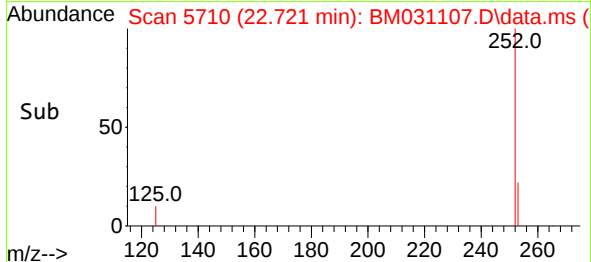
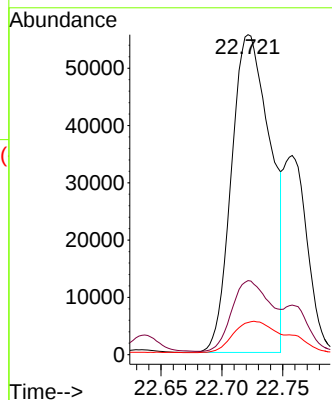
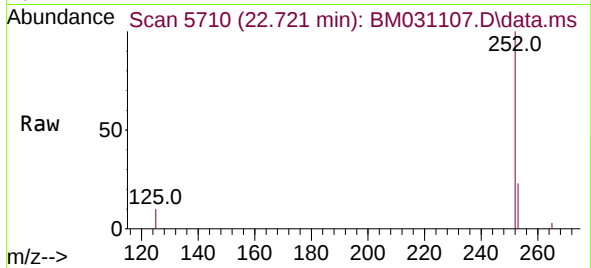
#24
Benzo(b)fluoranthene
Concen: 2.58 ng/ul m
RT: 22.721 min Scan# 5710
Delta R.T. -0.004 min
Lab File: BM031107.D
Acq: 24 Jul 2021 02:44

Tgt Ion:252 Resp: 123096
Ion Ratio Lower Upper
252 100
253 23.1 0.0 52.8
125 10.1 0.0 20.2

Instrument :
BNA_M
ClientSampled :
BGEC6DL

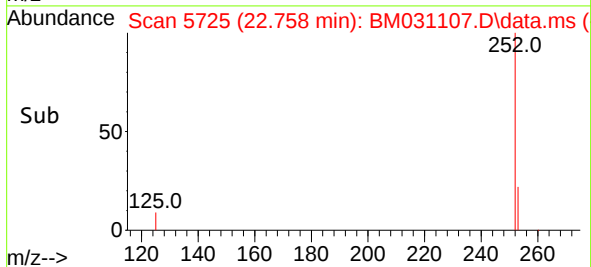
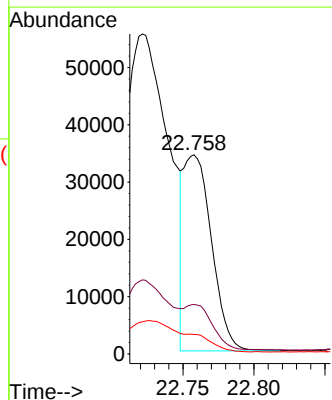
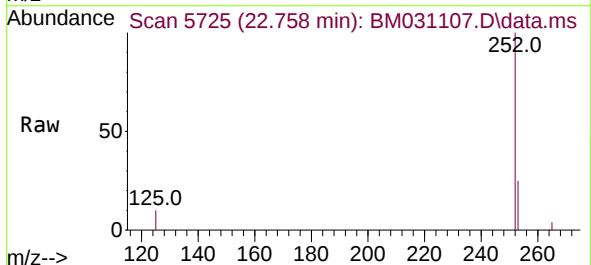
Manual Integrations
APPROVED

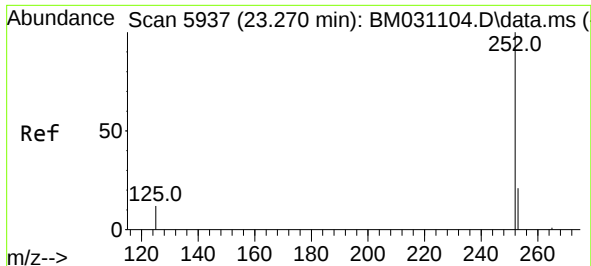
mohammad
7/26/2021 1:26:25 PM



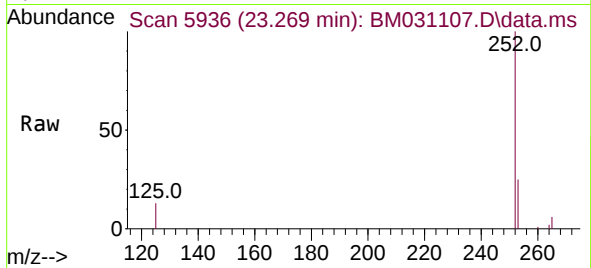
#25
Benzo(k)fluoranthene
Concen: 0.97 ng/ul m
RT: 22.758 min Scan# 5725
Delta R.T. -0.009 min
Lab File: BM031107.D
Acq: 24 Jul 2021 02:44

Tgt Ion:252 Resp: 46730
Ion Ratio Lower Upper
252 100
253 24.9 21.6 32.4
125 9.8 8.6 13.0

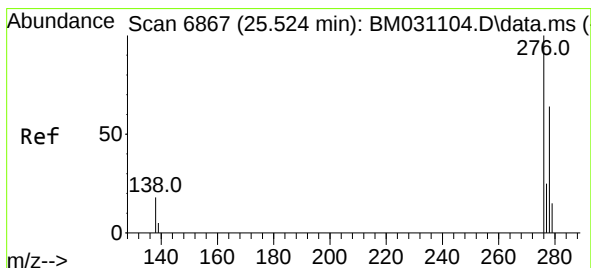
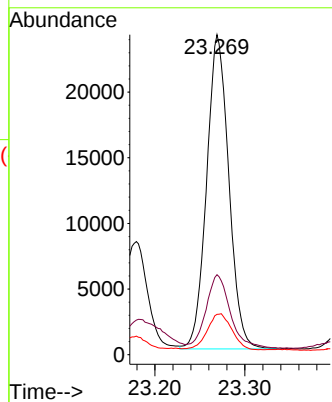
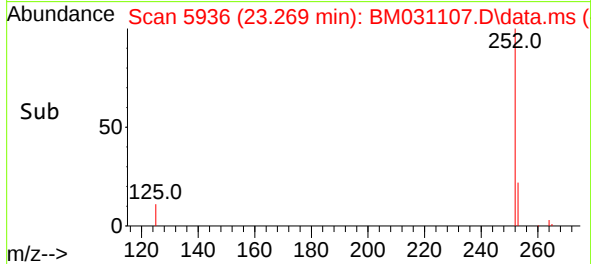




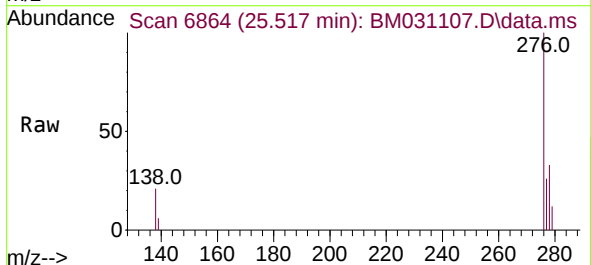
#26
Benzo(a)pyrene
Concen: 1.00 ng/ul
RT: 23.269 min Scan# 5936
Delta R.T. -0.011 min
Lab File: BM031107.D
Acq: 24 Jul 2021 02:44



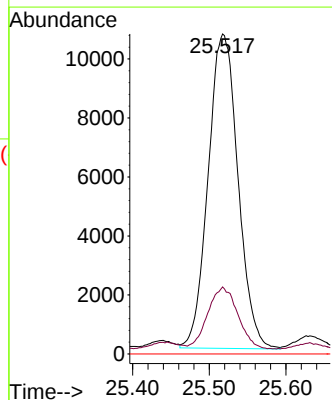
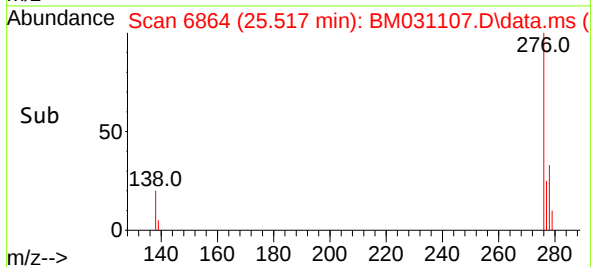
Tgt Ion:252 Resp: 41062
Ion Ratio Lower Upper
252 100
253 25.0 23.1 34.7
125 12.6 10.7 16.1



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.54 ng/ul
RT: 25.517 min Scan# 6864
Delta R.T. -0.016 min
Lab File: BM031107.D
Acq: 24 Jul 2021 02:44



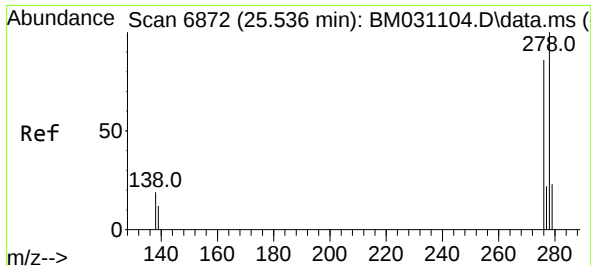
Tgt Ion:276 Resp: 28877
Ion Ratio Lower Upper
276 100
138 20.5 15.4 23.0
227 0.0 0.0 0.0



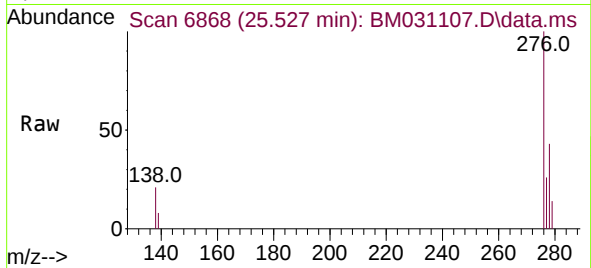
Instrument :
BNA_M
ClientSampleId :
BGEC6DL

Manual Integrations
APPROVED

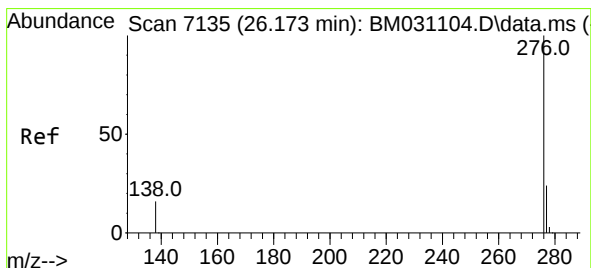
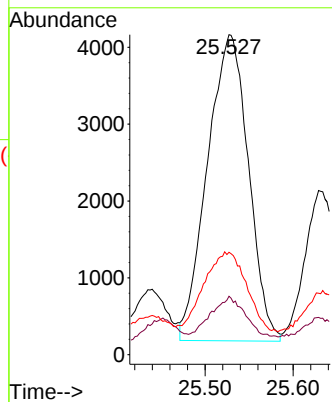
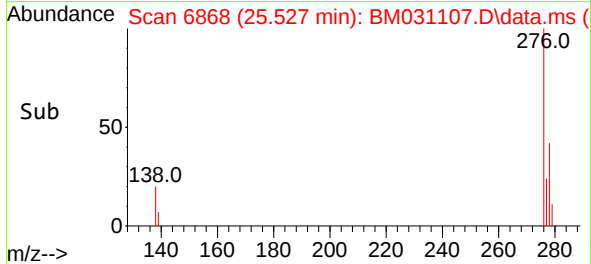
mohammad
7/26/2021 1:26:25 PM



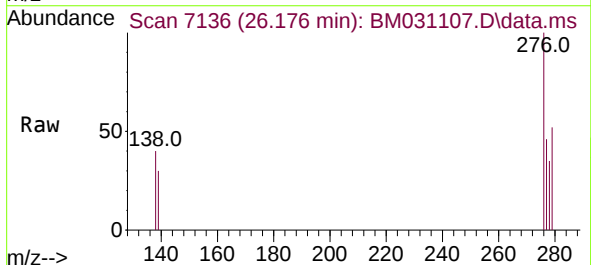
#28
Dibenzo(a,h)anthracene
Concen: 0.30 ng/ul
RT: 25.527 min Scan# 6868
Delta R.T. -0.018 min
Lab File: BM031107.D
Acq: 24 Jul 2021 02:44



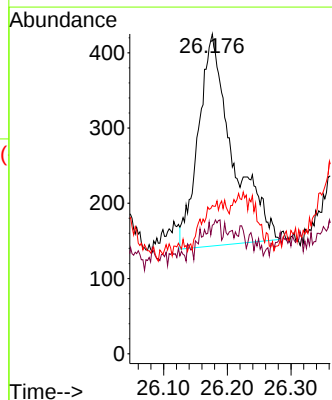
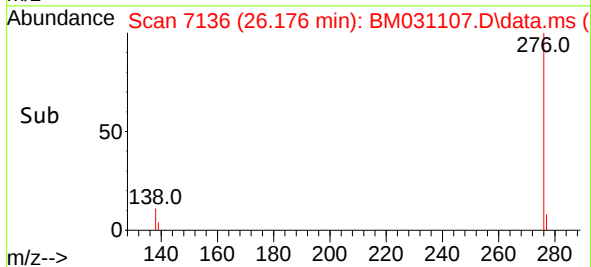
Tgt Ion: 278 Resp: 12912
Ion Ratio Lower Upper
278 100
139 18.2 12.6 18.8
279 32.0 22.6 34.0



#29
Benzo(g,h,i)perylene
Concen: 0.02 ng/ul
RT: 26.176 min Scan# 7136
Delta R.T. -0.016 min
Lab File: BM031107.D
Acq: 24 Jul 2021 02:44



Tgt Ion: 276 Resp: 1047
Ion Ratio Lower Upper
276 100
138 40.2 14.0 21.0#
277 46.4 19.9 29.9#



Instrument :
BNA_M
ClientSampleID :
BGEC6DL

Manual Integrations
APPROVED

mohammad
7/26/2021 1:26:25 PM