

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090221\
 Data File : BN016159.D
 Acq On : 03 Sep 2021 05:01
 Operator : CG/JU
 Sample : M3472-04
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AC2

Manual Integrations
 APPROVED

mohammad
 9/7/2021 11:32:09 AM

Quant Time: Sep 03 06:16:37 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 02 13:32:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.867	152	2467	0.400	ng/ul	0.00
4) Naphthalene-d8	10.666	136	10521	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.506	164	6148	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.250	188	12531	0.400	ng/ul	0.00
17) Chrysene-d12	21.439	240	12718	0.400	ng/ul	0.00
23) Perylene-d12	23.830	264	12412	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.315	96	1145	0.399	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.256	152	443	0.030	ng/ul	0.00
18) Fluoranthene-d10	19.280	212	1039	0.030	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.716	128	5940	0.212	ng/ul	97
7) 2-Methylnaphthalene	12.327	142	4269	0.234	ng/ul	99
8) 1-Methylnaphthalene	12.547	142	3447	0.189	ng/ul	100
10) Acenaphthylene	14.224	152	4162	0.179	ng/ul	94
11) Acenaphthene	14.566	153	1132	0.058	ng/ul	96
12) Fluorene	15.552	166	1971	0.088	ng/ul#	96
15) Phenanthrene	17.293	178	50446	1.397	ng/ul	98
16) Anthracene	17.381	178	8484	0.272	ng/ul	99
19) Fluoranthene	19.313	202	87156	2.057	ng/ul	97
20) Pyrene	19.675	202	74563	1.738	ng/ul#	94
21) Benzo(a)anthracene	21.422	228	43322	1.114	ng/ul	97
22) Chrysene	21.474	228	46344	1.055	ng/ul	97
24) Benzo(b)fluoranthene	23.105	252	59362m	1.271	ng/ul	
25) Benzo(k)fluoranthene	23.146	252	18245m	0.388	ng/ul	
26) Benzo(a)pyrene	23.722	252	35774	0.903	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.307	276	25871	0.505	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.320	278	7448	0.177	ng/ul#	80
29) Benzo(g,h,i)perylene	27.071	276	23805	0.536	ng/ul	99

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

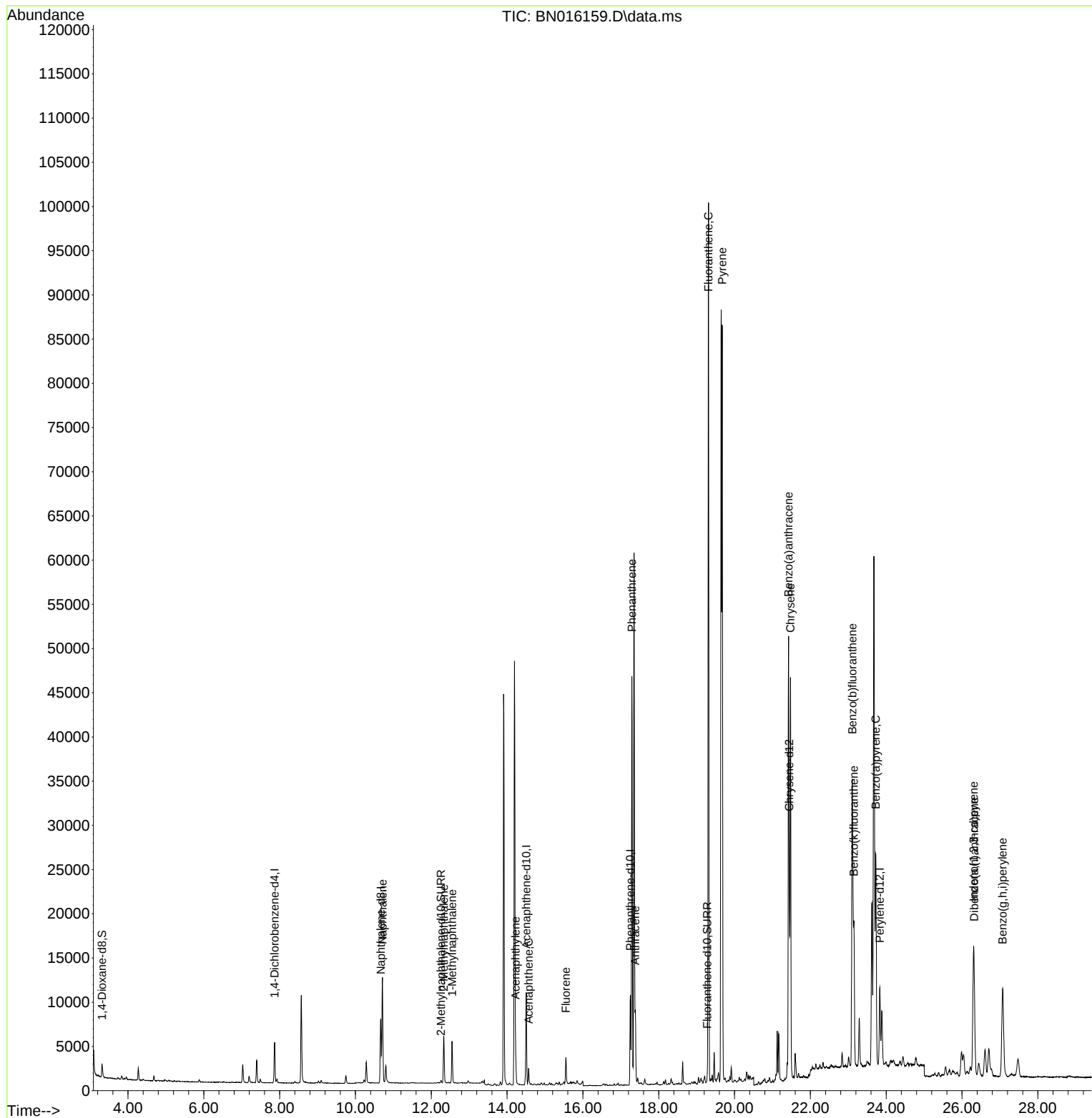
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090221\
Data File : BN016159.D
Acq On : 03 Sep 2021 05:01
Operator : CG/JU
Sample : M3472-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

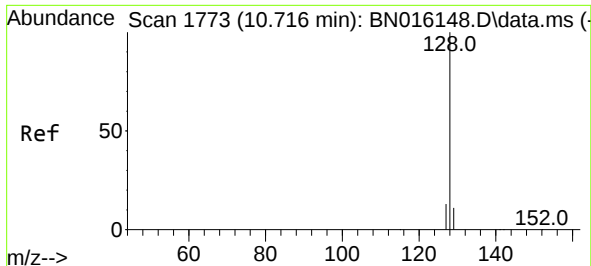
Instrument :
BNA_N
ClientSampled :
C0AC2

Manual Integrations
APPROVED

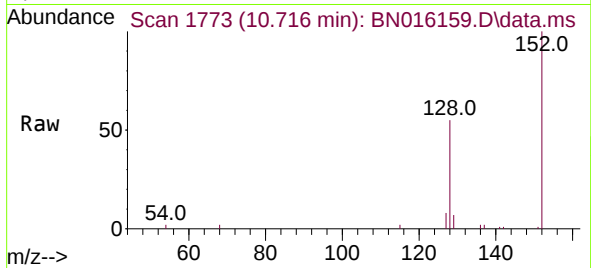
mohammad
9/7/2021 11:32:09 AM

Quant Time: Sep 03 06:16:37 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 02 13:32:21 2021
Response via : Initial Calibration

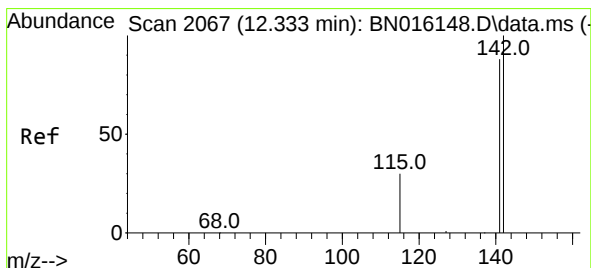
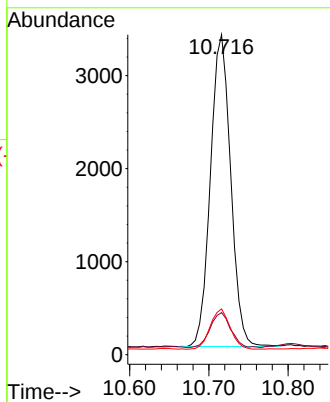
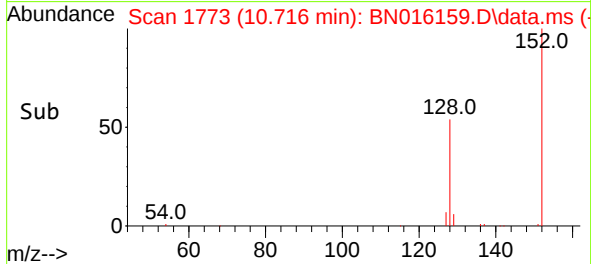




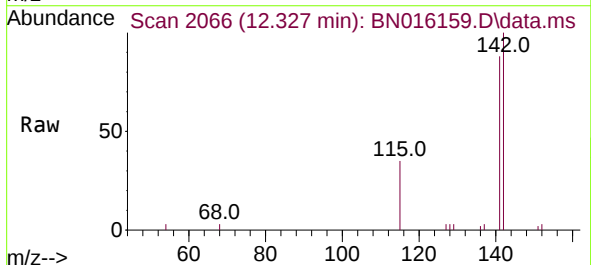
#5
Naphthalene
Concen: 0.212 ng/ul
RT: 10.716 min Scan# 1773
Delta R.T. 0.005 min
Lab File: BN016159.D
Acq: 03 Sep 2021 05:01



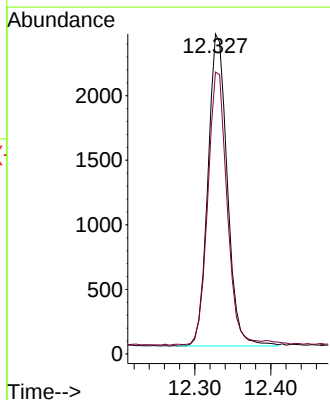
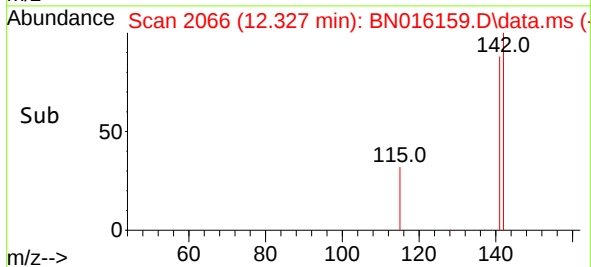
Tgt Ion:128 Resp: 5940
Ion Ratio Lower Upper
128 100
129 13.2 9.4 14.2
127 14.3 10.6 15.8



#7
2-Methylnaphthalene
Concen: 0.234 ng/ul
RT: 12.327 min Scan# 2066
Delta R.T. -0.000 min
Lab File: BN016159.D
Acq: 03 Sep 2021 05:01



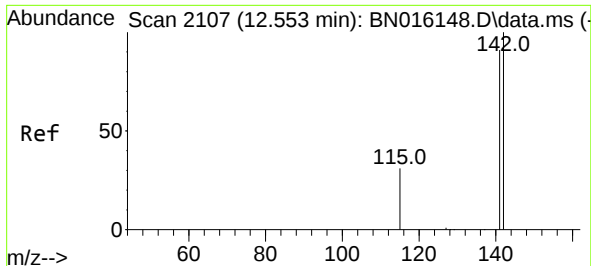
Tgt Ion:142 Resp: 4269
Ion Ratio Lower Upper
142 100
141 88.1 69.5 104.3



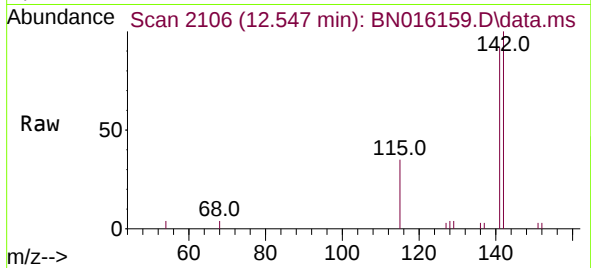
Instrument :
BNA_N
ClientSampleId :
C0AC2

Manual Integrations
APPROVED

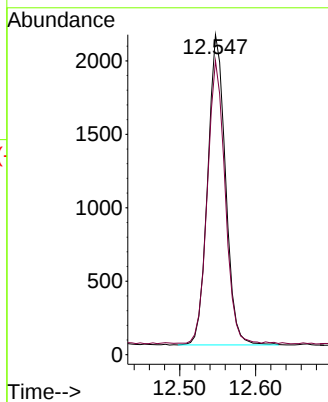
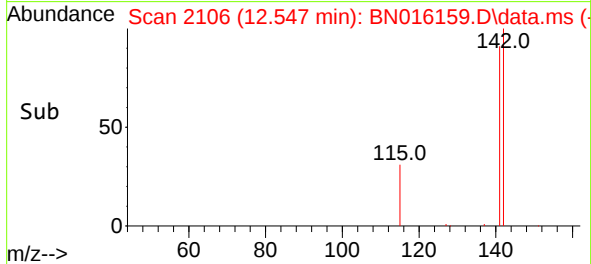
mohammad
9/7/2021 11:32:09 AM



#8
1-Methylnaphthalene
Concen: 0.189 ng/ul
RT: 12.547 min Scan# 2106
Delta R.T. -0.000 min
Lab File: BN016159.D
Acq: 03 Sep 2021 05:01



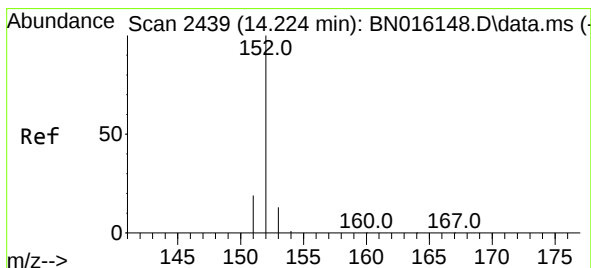
Tgt Ion:142 Resp: 3447
Ion Ratio Lower Upper
142 100
141 90.1 72.2 108.4



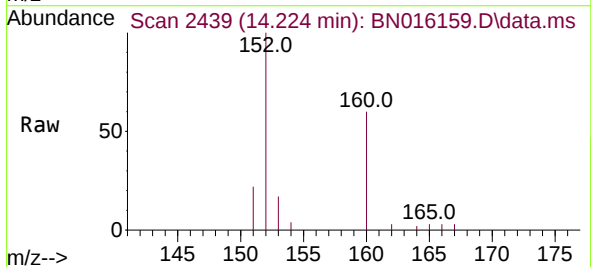
Instrument :
BNA_N
ClientSampleId :
C0AC2

Manual Integrations
APPROVED

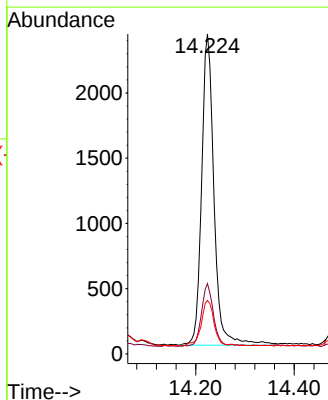
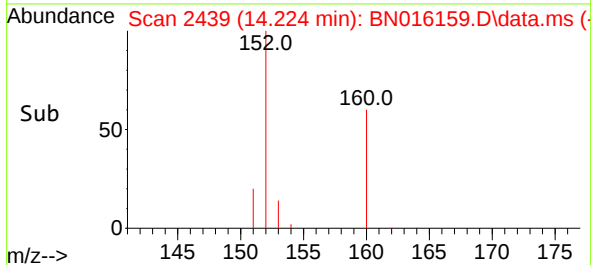
mohammad
9/7/2021 11:32:09 AM

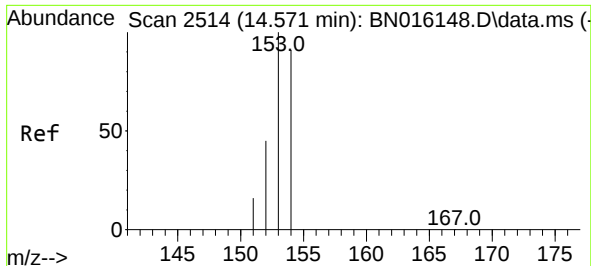


#10
Acenaphthylene
Concen: 0.179 ng/ul
RT: 14.224 min Scan# 2439
Delta R.T. 0.005 min
Lab File: BN016159.D
Acq: 03 Sep 2021 05:01



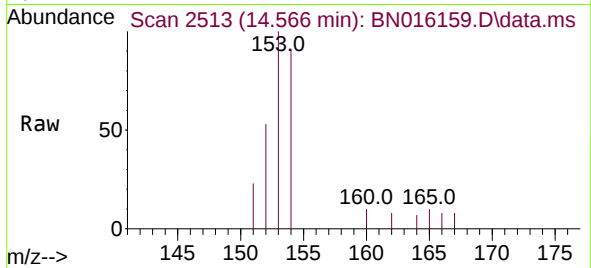
Tgt Ion:152 Resp: 4162
Ion Ratio Lower Upper
152 100
151 22.0 15.8 23.6
153 16.7 11.2 16.8





#11
Acenaphthene
Concen: 0.058 ng/u1
RT: 14.566 min Scan# 2513
Delta R.T. -0.000 min
Lab File: BN016159.D
Acq: 03 Sep 2021 05:01

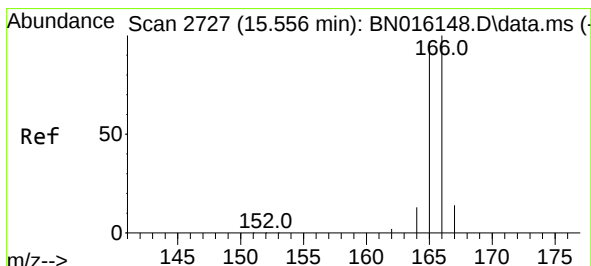
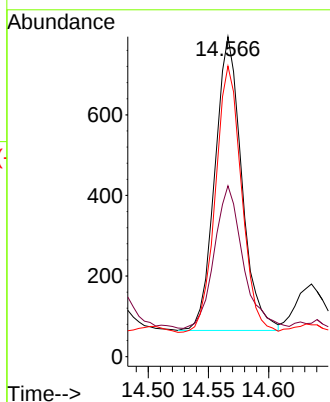
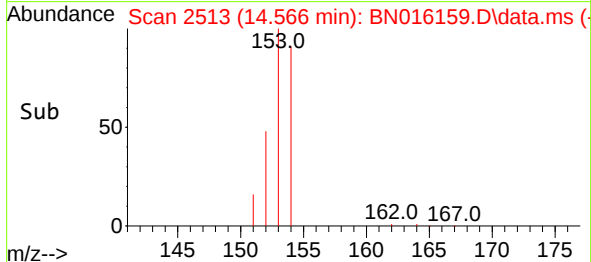
Instrument :
BNA_N
ClientSampled :
C0AC2



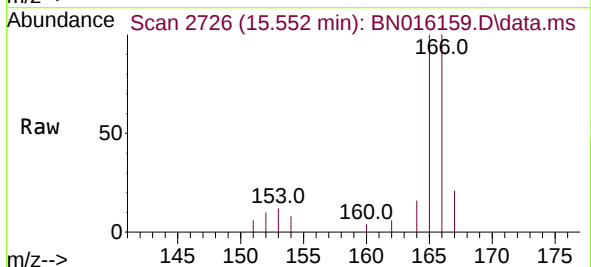
Tgt Ion:153 Resp: 1132
Ion Ratio Lower Upper
153 100
152 53.4 38.5 57.7
154 90.8 71.3 106.9

Manual Integrations
APPROVED

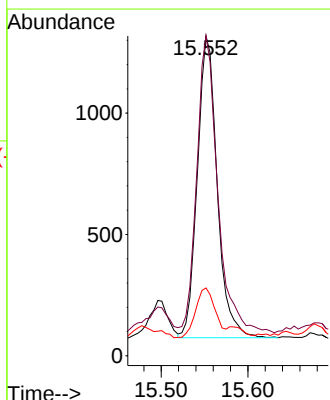
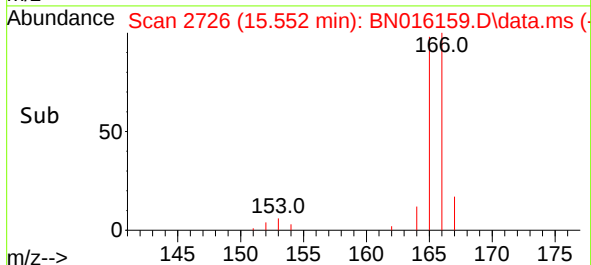
mohammad
9/7/2021 11:32:09 AM

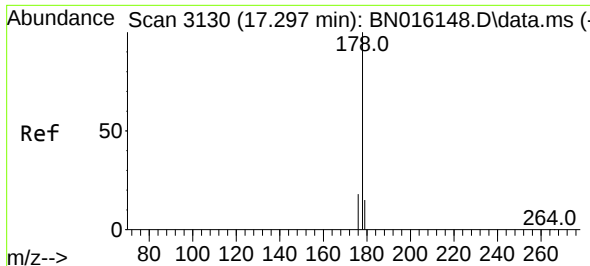


#12
Fluorene
Concen: 0.088 ng/u1
RT: 15.552 min Scan# 2726
Delta R.T. -0.000 min
Lab File: BN016159.D
Acq: 03 Sep 2021 05:01



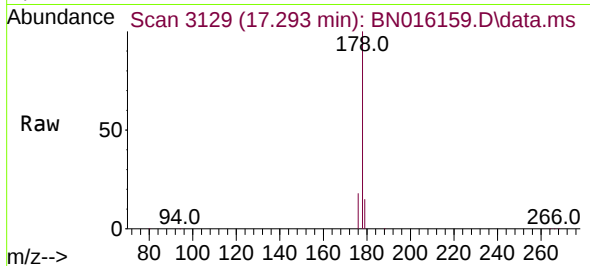
Tgt Ion:166 Resp: 1971
Ion Ratio Lower Upper
166 100
165 100.0 77.9 116.9
167 21.2 11.8 17.8#





#15
Phenanthrene
Concen: 1.397 ng/ul
RT: 17.293 min Scan# 3129
Delta R.T. -0.000 min
Lab File: BN016159.D
Acq: 03 Sep 2021 05:01

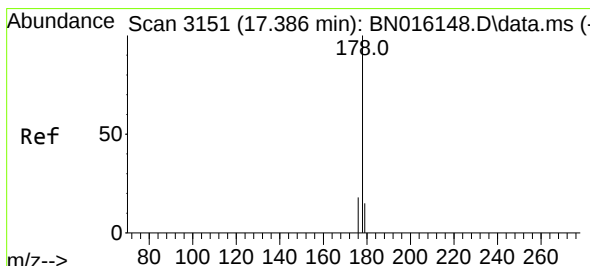
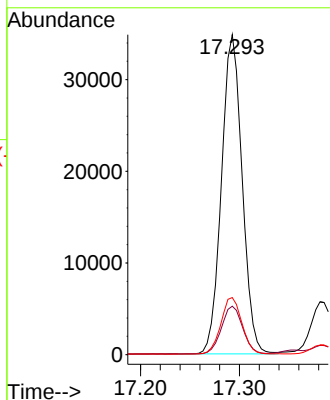
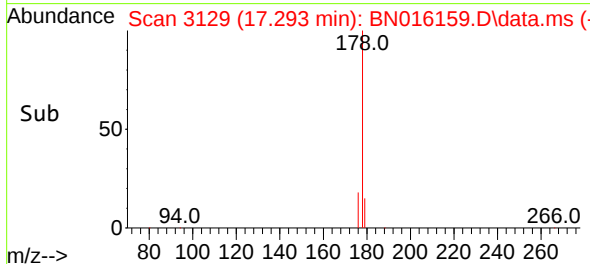
Instrument :
BNA_N
ClientSampleId :
C0AC2



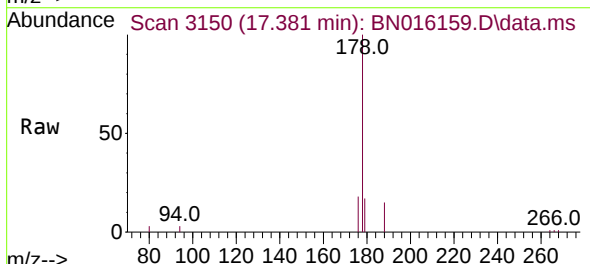
Tgt Ion:178 Resp: 50446
Ion Ratio Lower Upper
178 100
179 15.2 12.9 19.3
176 17.9 15.2 22.8

Manual Integrations
APPROVED

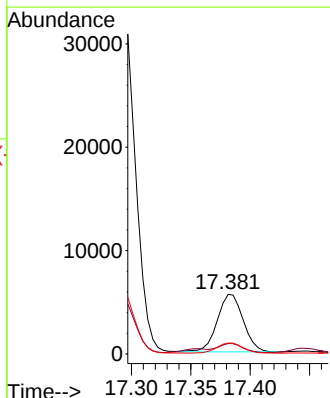
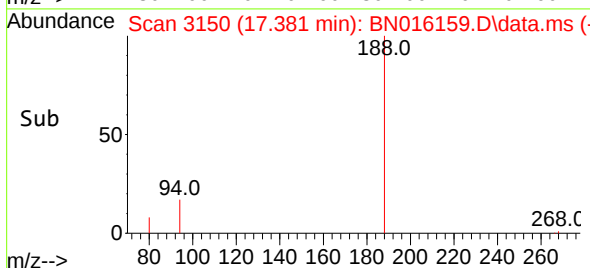
mohammad
9/7/2021 11:32:09 AM

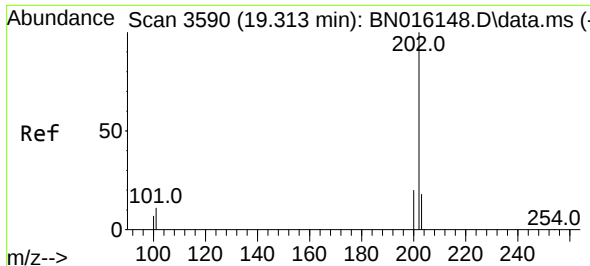


#16
Anthracene
Concen: 0.272 ng/ul
RT: 17.381 min Scan# 3150
Delta R.T. -0.000 min
Lab File: BN016159.D
Acq: 03 Sep 2021 05:01

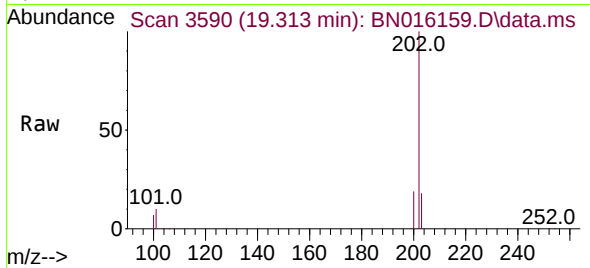


Tgt Ion:178 Resp: 8484
Ion Ratio Lower Upper
178 100
179 17.4 13.3 19.9
176 18.2 14.9 22.3

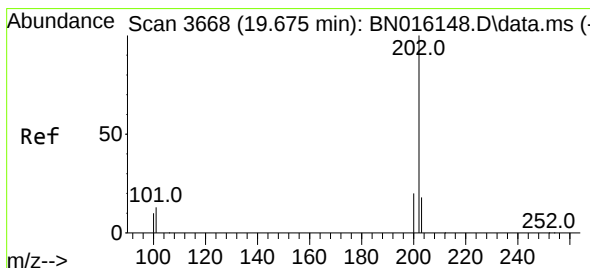
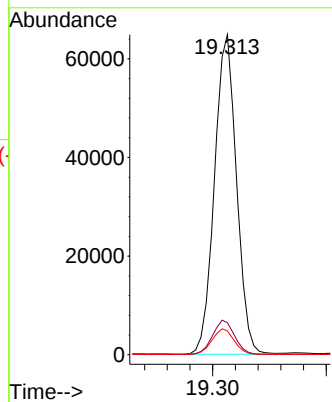
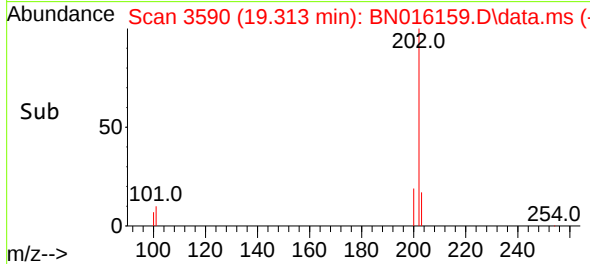




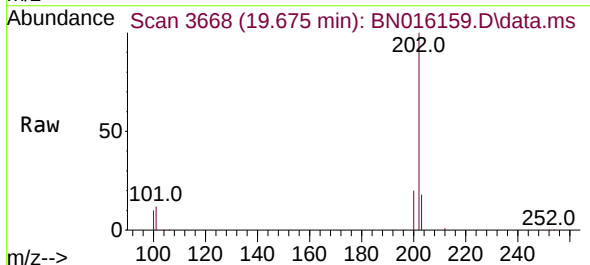
#19
Fluoranthene
Concen: 2.057 ng/ul
RT: 19.313 min Scan# 3590
Delta R.T. -0.000 min
Lab File: BN016159.D
Acq: 03 Sep 2021 05:01



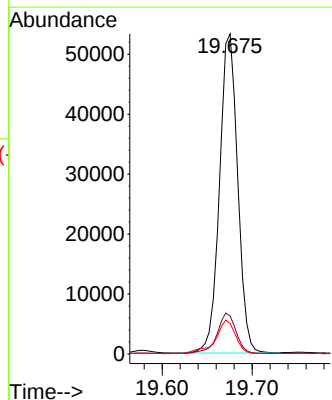
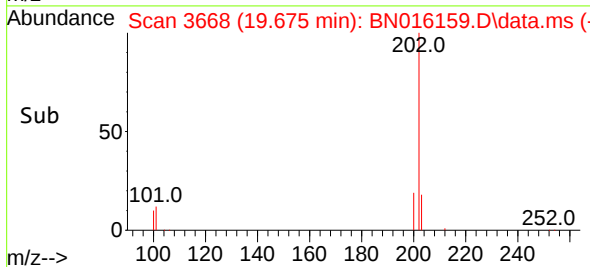
Tgt Ion:202 Resp: 87156
Ion Ratio Lower Upper
202 100
101 10.0 9.2 13.8
100 7.4 6.7 10.1



#20
Pyrene
Concen: 1.738 ng/ul
RT: 19.675 min Scan# 3668
Delta R.T. -0.000 min
Lab File: BN016159.D
Acq: 03 Sep 2021 05:01



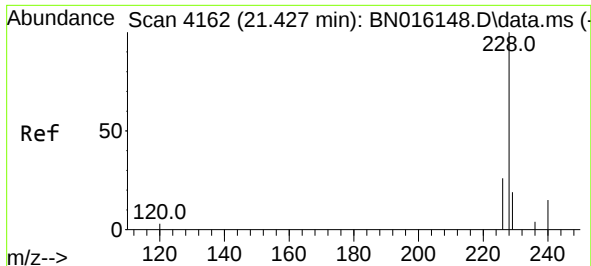
Tgt Ion:202 Resp: 74563
Ion Ratio Lower Upper
202 100
101 11.9 11.5 17.3
100 9.6 9.8 14.8#



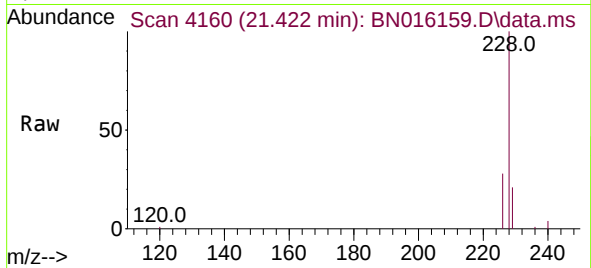
Instrument :
BNA_N
ClientSampleId :
C0AC2

Manual Integrations
APPROVED

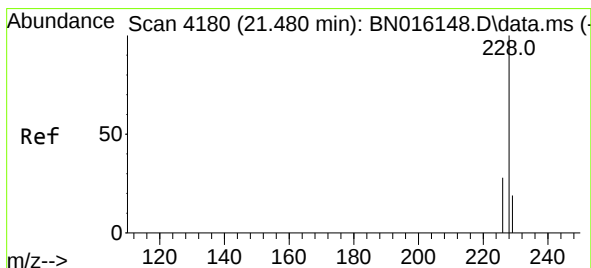
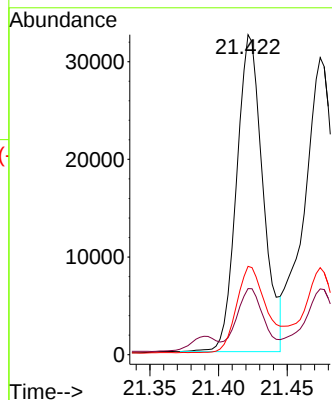
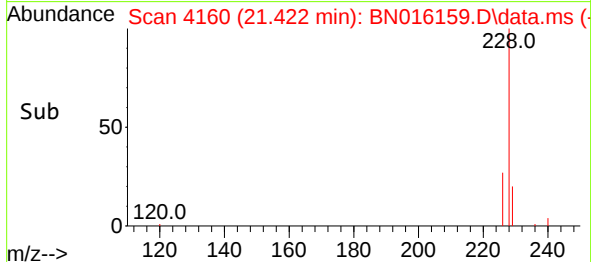
mohammad
9/7/2021 11:32:09 AM



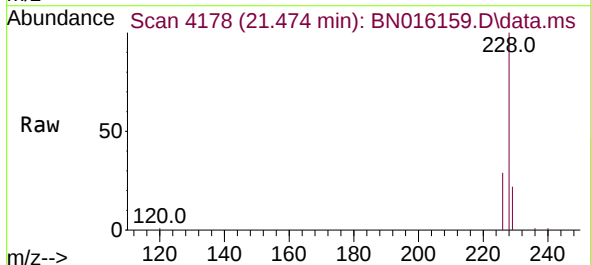
#21
Benzo(a)anthracene
Concen: 1.114 ng/ul
RT: 21.422 min Scan# 4160
Delta R.T. -0.003 min
Lab File: BN016159.D
Acq: 03 Sep 2021 05:01



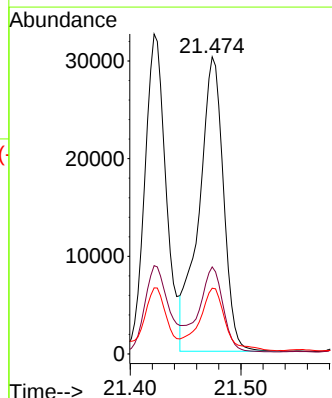
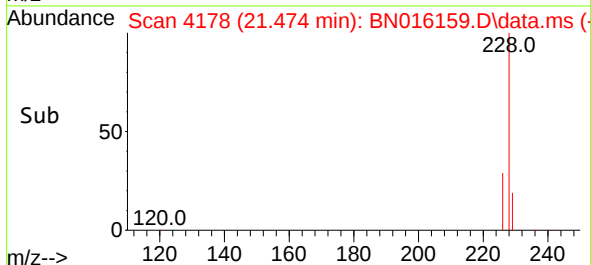
Tgt Ion:228 Resp: 43322
Ion Ratio Lower Upper
228 100
229 20.7 15.7 23.5
226 27.6 20.8 31.2



#22
Chrysene
Concen: 1.055 ng/ul
RT: 21.474 min Scan# 4178
Delta R.T. -0.003 min
Lab File: BN016159.D
Acq: 03 Sep 2021 05:01



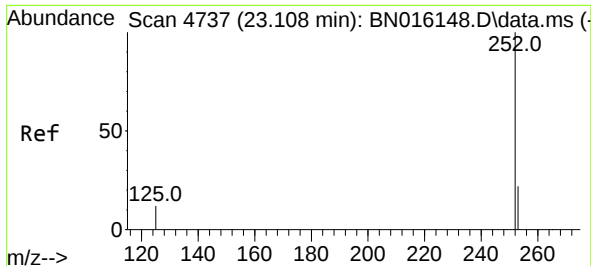
Tgt Ion:228 Resp: 46344
Ion Ratio Lower Upper
228 100
226 29.3 23.2 34.8
229 22.1 15.6 23.4



Instrument :
BNA_N
ClientSampleId :
C0AC2

Manual Integrations
APPROVED

mohammad
9/7/2021 11:32:09 AM



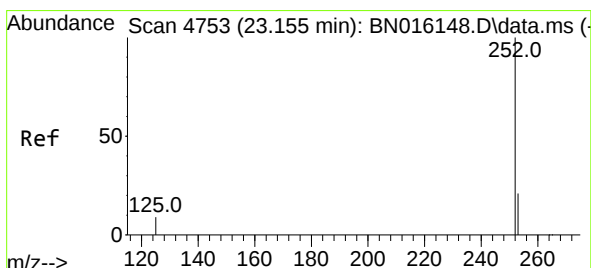
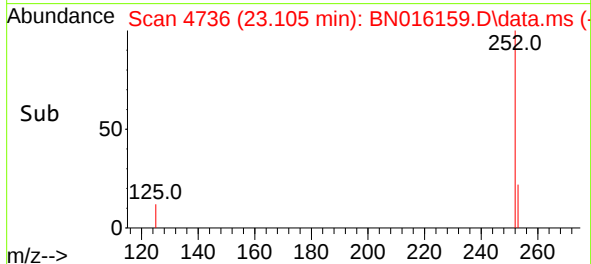
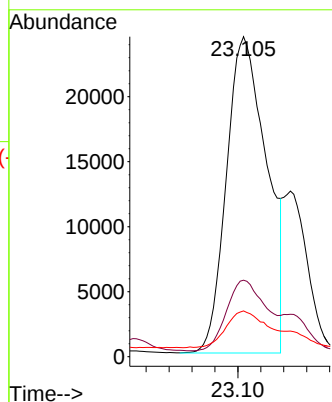
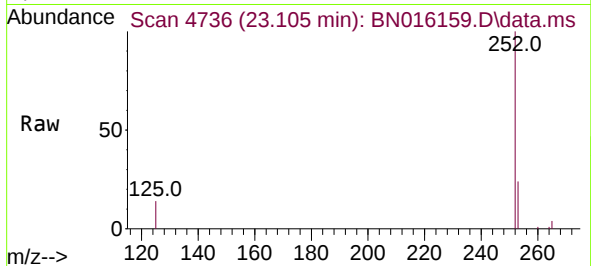
#24
Benzo(b)fluoranthene
Concen: 1.271 ng/ul m
RT: 23.105 min Scan# 4736
Delta R.T. -0.000 min
Lab File: BN016159.D
Acq: 03 Sep 2021 05:01

Tgt Ion:252 Resp: 59362
Ion Ratio Lower Upper
252 100
253 23.9 0.0 49.4
125 14.3 0.0 27.0

Instrument :
BNA_N
ClientSampled :
C0AC2

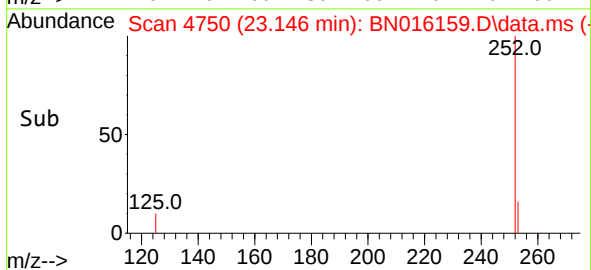
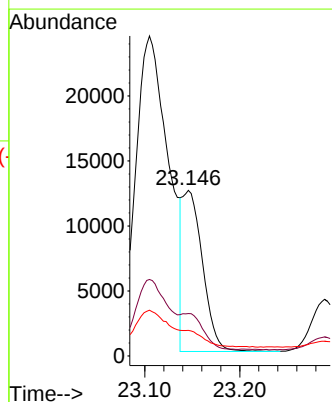
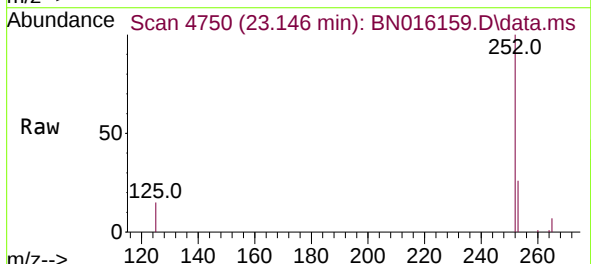
Manual Integrations
APPROVED

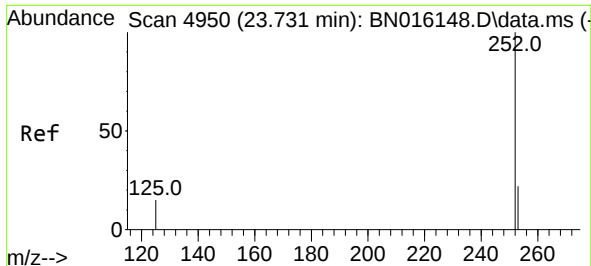
mohammad
9/7/2021 11:32:09 AM



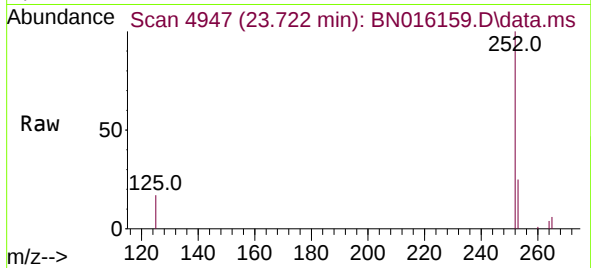
#25
Benzo(k)fluoranthene
Concen: 0.388 ng/ul m
RT: 23.146 min Scan# 4750
Delta R.T. -0.009 min
Lab File: BN016159.D
Acq: 03 Sep 2021 05:01

Tgt Ion:252 Resp: 18245
Ion Ratio Lower Upper
252 100
253 25.6 19.4 29.0
125 15.5 10.9 16.3

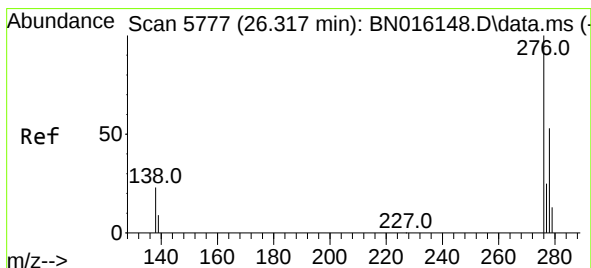
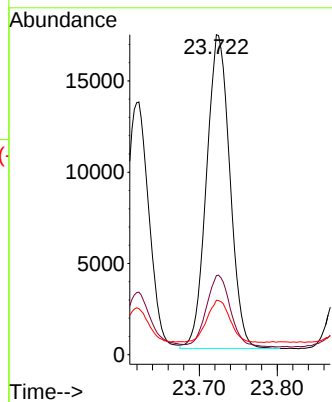
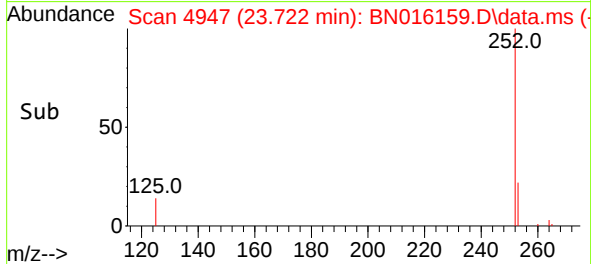




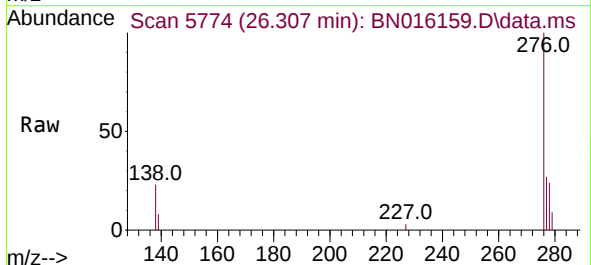
#26
Benzo(a)pyrene
Concen: 0.903 ng/ul
RT: 23.722 min Scan# 4947
Delta R.T. -0.009 min
Lab File: BN016159.D
Acq: 03 Sep 2021 05:01



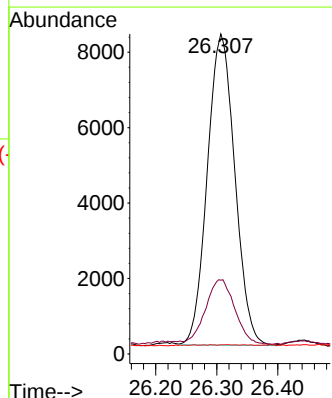
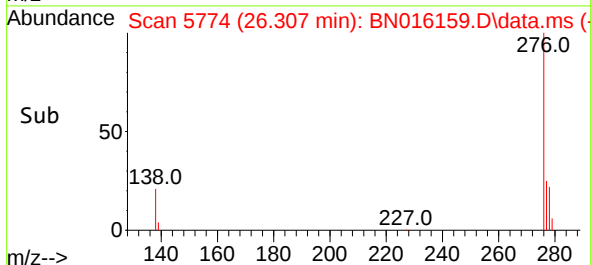
Tgt Ion:252 Resp: 35774
Ion Ratio Lower Upper
252 100
253 24.7 20.2 30.2
125 17.0 12.6 18.8



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.505 ng/ul
RT: 26.307 min Scan# 5774
Delta R.T. -0.010 min
Lab File: BN016159.D
Acq: 03 Sep 2021 05:01



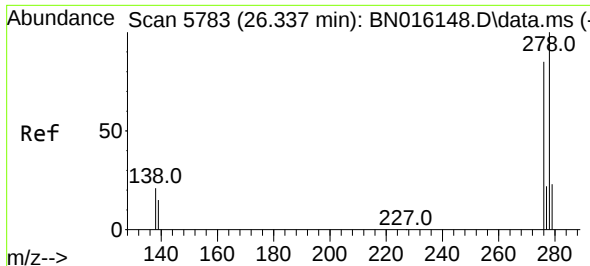
Tgt Ion:276 Resp: 25871
Ion Ratio Lower Upper
276 100
138 22.1 22.7 34.1#
227 0.1 0.2 0.2#



Instrument :
BNA_N
ClientSampleId :
C0AC2

Manual Integrations
APPROVED

mohammad
9/7/2021 11:32:09 AM



#28

Dibenzo(a,h)anthracene

Concen: 0.177 ng/ul

RT: 26.320 min Scan# 5778

Delta R.T. -0.010 min

Lab File: BN016159.D

Acq: 03 Sep 2021 05:01

Tgt Ion:	278	Resp:	7448
Ion Ratio	Lower	Upper	
278	100		
139	30.5	15.1	22.7#
279	33.8	20.5	30.7#

Instrument :

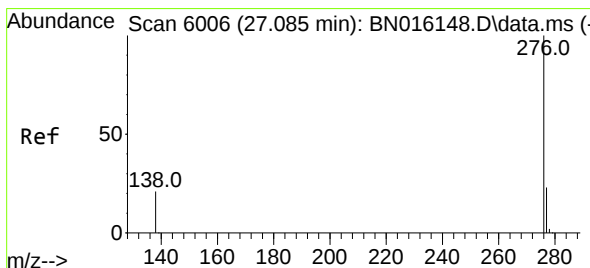
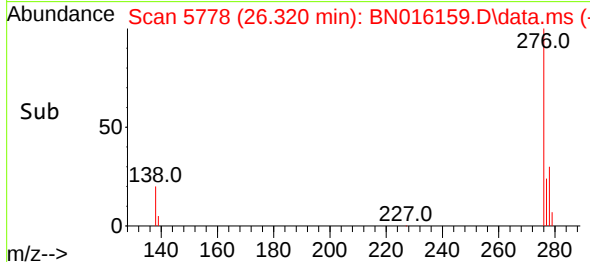
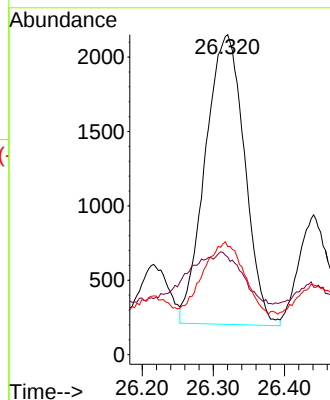
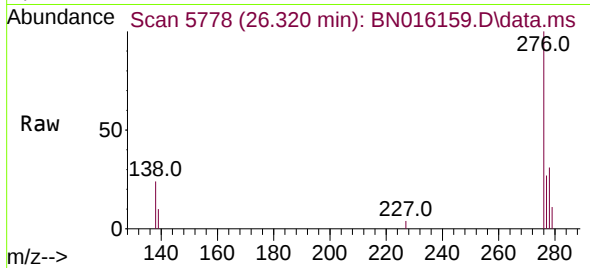
BNA_N

ClientSampleId :

C0AC2

Manual Integrations
APPROVED

mohammad
9/7/2021 11:32:09 AM



#29

Benzo(g,h,i)perylene

Concen: 0.536 ng/ul

RT: 27.071 min Scan# 6002

Delta R.T. -0.003 min

Lab File: BN016159.D

Acq: 03 Sep 2021 05:01

Tgt Ion:	276	Resp:	23805
Ion Ratio	Lower	Upper	
276	100		
138	23.9	19.3	28.9
277	25.8	19.8	29.8

