

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062721\
 Data File : BN015136.D
 Acq On : 27 Jun 2021 03:47
 Operator : CG/JU
 Sample : M2680-12
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGD44

Manual Integrations
 APPROVED

mohammad
 6/28/2021 1:28:01 PM

Quant Time: Jun 28 01:25:45 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 22 11:53:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	3515	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.496	136	12203	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.354	164	6852	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.099	188	14718	0.400	ng/ul	-0.01
17) Chrysene-d12	21.293	240	13682	0.400	ng/ul	-0.02
23) Perylene-d12	23.537	264	12312	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.285	96	11683	2.949	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.091	152	3414	0.178	ng/ul	-0.01
18) Fluoranthene-d10	19.131	212	8152	0.181	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.545	128	1393	0.036	ng/ul#	82
10) Acenaphthylene	14.071	152	2558	0.072	ng/ul#	85
11) Acenaphthene	14.414	153	917	0.034	ng/ul	95
12) Fluorene	15.404	166	1346	0.045	ng/ul#	94
15) Phenanthrene	17.141	178	33171	0.621	ng/ul	99
16) Anthracene	17.229	178	4763	0.101	ng/ul#	88
19) Fluoranthene	19.159	202	86944	1.375	ng/ul	96
20) Pyrene	19.526	202	69177	1.091	ng/ul	99
21) Benzo(a)anthracene	21.275	228	34544	0.682	ng/ul	94
22) Chrysene	21.328	228	40609	0.669	ng/ul	96
24) Benzo(b)fluoranthene	22.865	252	48359m	0.841	ng/ul	
25) Benzo(k)fluoranthene	22.903	252	19509m	0.301	ng/ul	
26) Benzo(a)pyrene	23.438	252	30770	0.637	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.790	276	22722	0.389	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.797	278	5643	0.123	ng/ul#	76
29) Benzo(g,h,i)perylene	26.481	276	20449	0.378	ng/ul	94

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

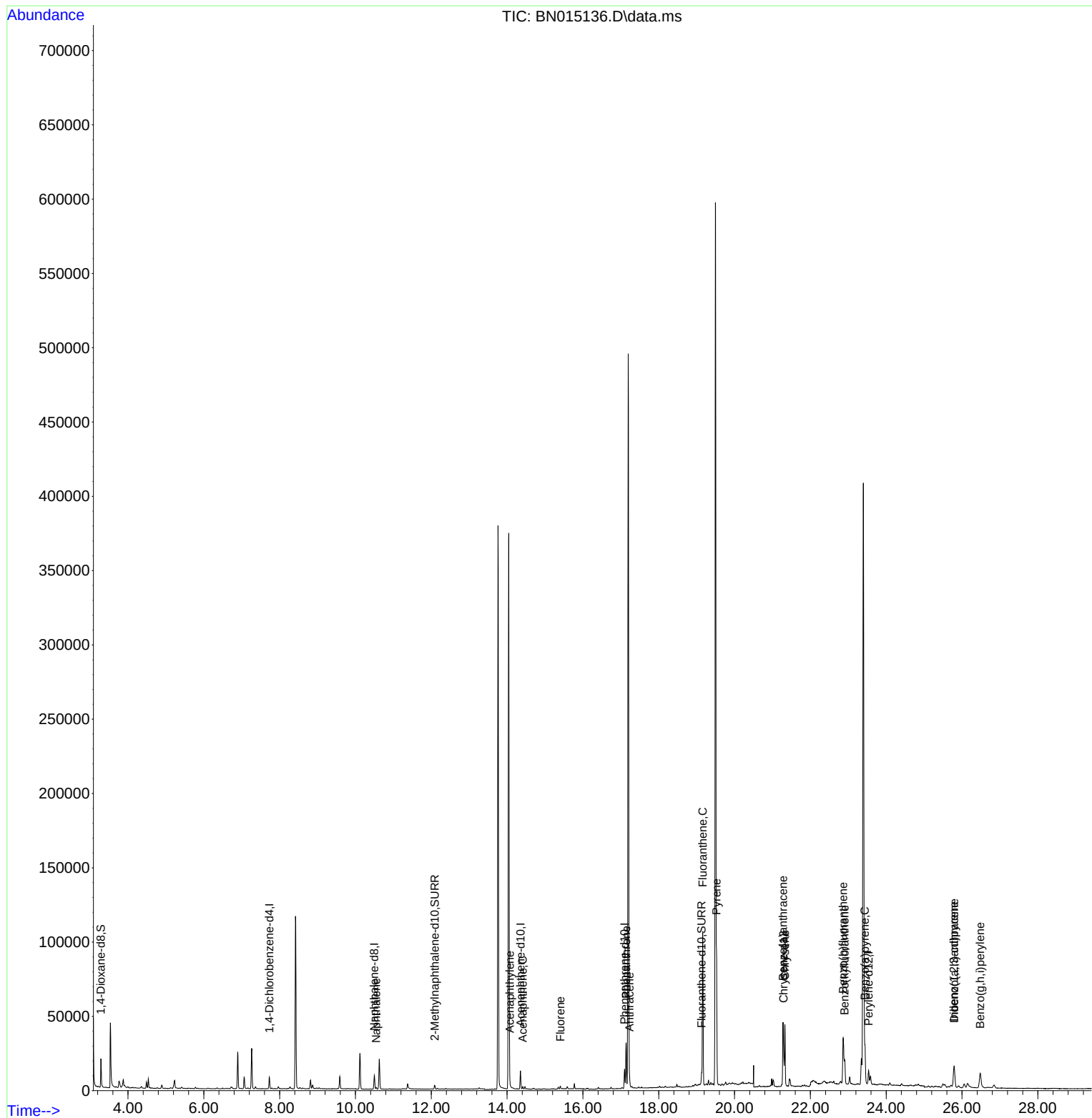
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062721\
Data File : BN015136.D
Acq On : 27 Jun 2021 03:47
Operator : CG/JU
Sample : M2680-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

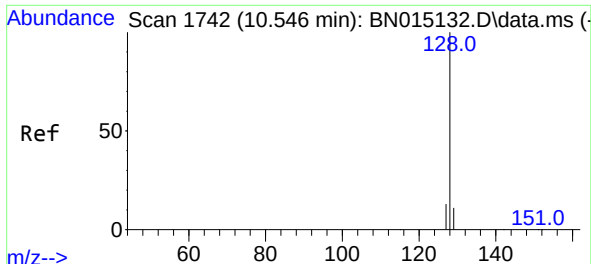
Instrument :
BNA_N
ClientSampleId :
BGD44

Manual Integrations
APPROVED

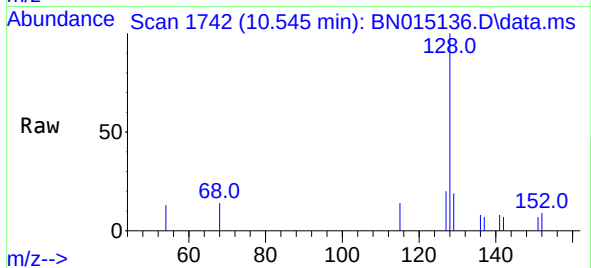
mohammad
6/28/2021 1:28:01 PM

Quant Time: Jun 28 01:25:45 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 22 11:53:52 2021
Response via : Initial Calibration

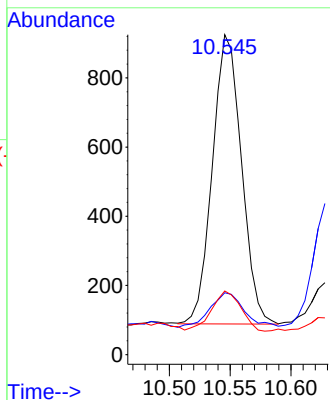
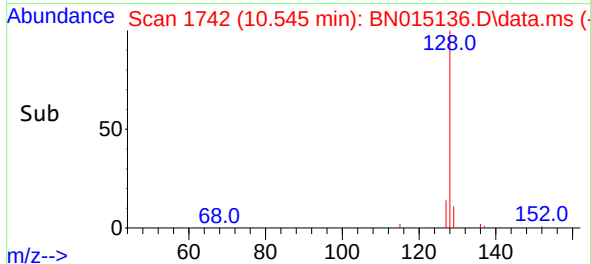




#5
Naphthalene
Concen: 0.036 ng/u1
RT: 10.545 min Scan# 1742
Delta R.T. -0.013 min
Lab File: BN015136.D
Acq: 27 Jun 2021 03:47



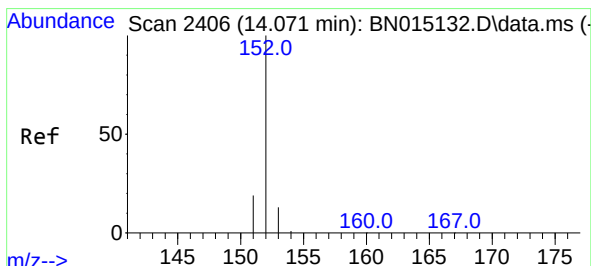
Tgt Ion:128 Resp: 1393
Ion Ratio Lower Upper
128 100
129 19.4 9.3 13.9#
127 19.9 10.8 16.2#



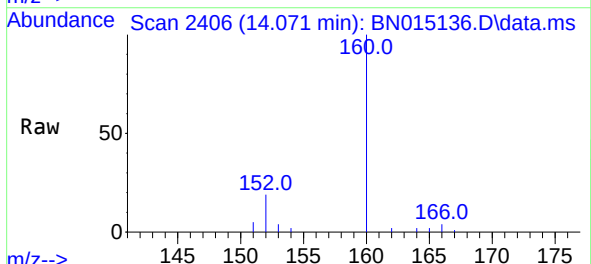
Instrument :
BNA_N
ClientSampled :
BGD44

Manual Integrations
APPROVED

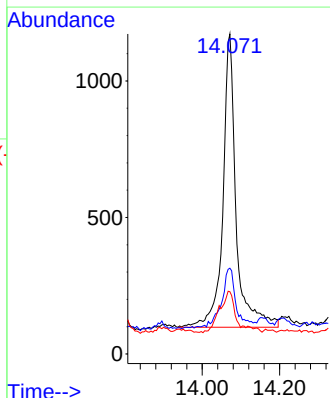
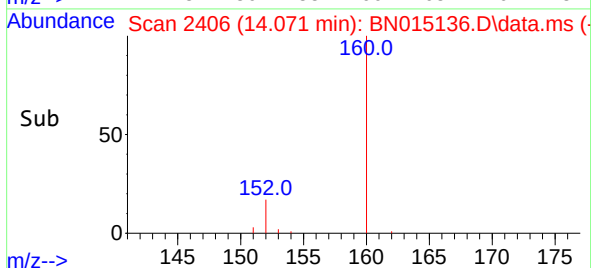
mohammad
6/28/2021 1:28:01 PM

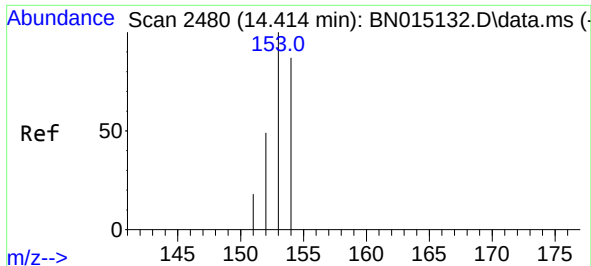


#10
Acenaphthylene
Concen: 0.072 ng/u1
RT: 14.071 min Scan# 2406
Delta R.T. -0.011 min
Lab File: BN015136.D
Acq: 27 Jun 2021 03:47

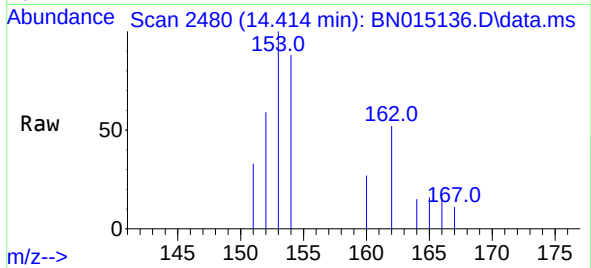


Tgt Ion:152 Resp: 2558
Ion Ratio Lower Upper
152 100
151 26.8 16.0 24.0#
153 19.5 10.9 16.3#

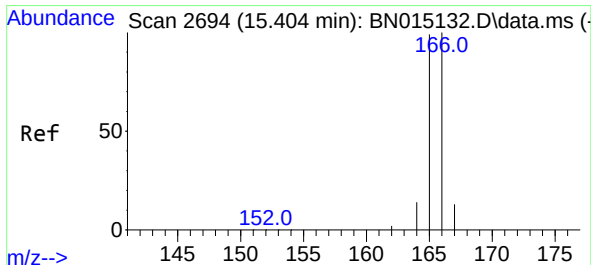
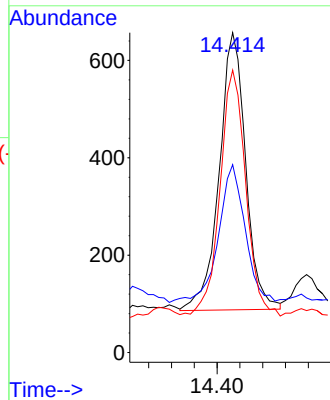
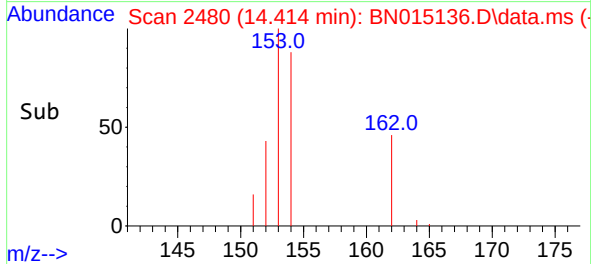




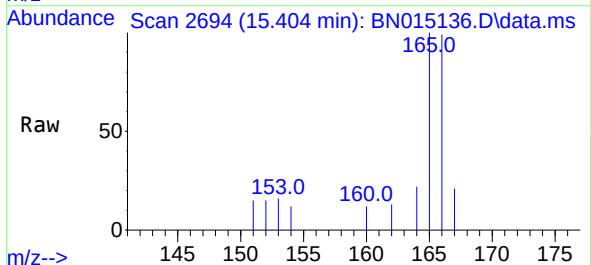
#11
Acenaphthene
Concen: 0.034 ng/ul
RT: 14.414 min Scan# 2480
Delta R.T. -0.011 min
Lab File: BN015136.D
Acq: 27 Jun 2021 03:47



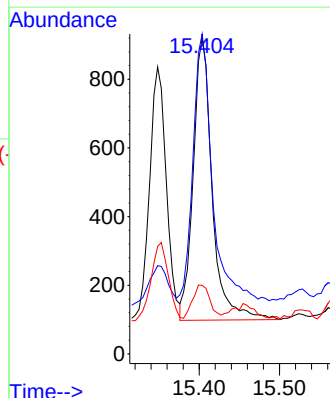
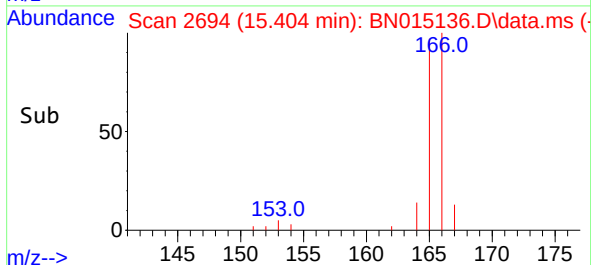
Tgt Ion:153 Resp: 917
Ion Ratio Lower Upper
153 100
152 58.8 39.8 59.6
154 88.3 69.8 104.8



#12
Fluorene
Concen: 0.045 ng/ul
RT: 15.404 min Scan# 2694
Delta R.T. -0.011 min
Lab File: BN015136.D
Acq: 27 Jun 2021 03:47



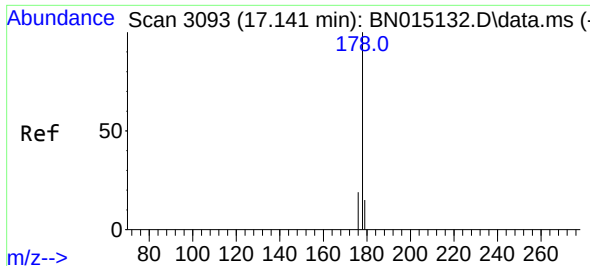
Tgt Ion:166 Resp: 1346
Ion Ratio Lower Upper
166 100
165 101.3 77.8 116.8
167 21.7 11.2 16.8#



Instrument :
BNA_N
ClientSampled :
BGD44

Manual Integrations
APPROVED

mohammad
6/28/2021 1:28:01 PM



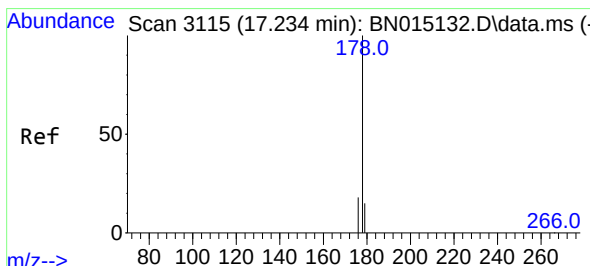
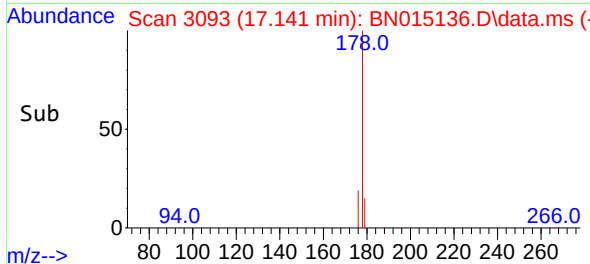
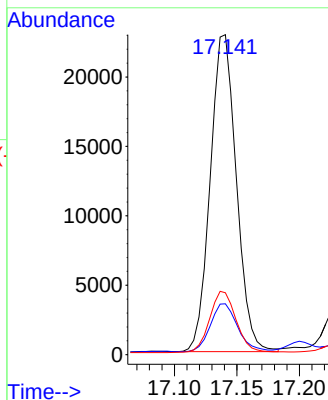
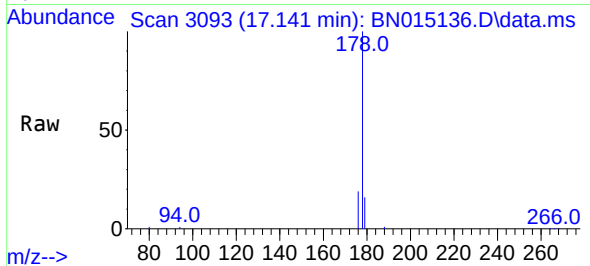
#15
Phenanthrene
Concen: 0.621 ng/u1
RT: 17.141 min Scan# 3093
Delta R.T. -0.010 min
Lab File: BN015136.D
Acq: 27 Jun 2021 03:47

Tgt Ion:	178	Resp:	33171
Ion Ratio	Lower	Upper	
178	100		
179	15.9	12.3	18.5
176	19.3	15.5	23.3

Instrument :
BNA_N
ClientSampled :
BGD44

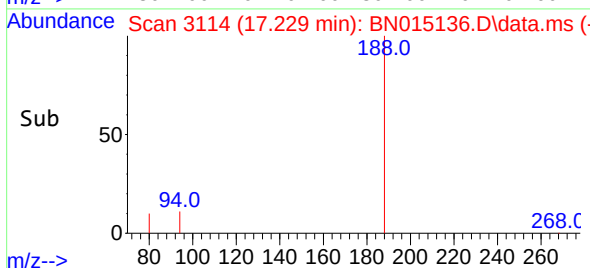
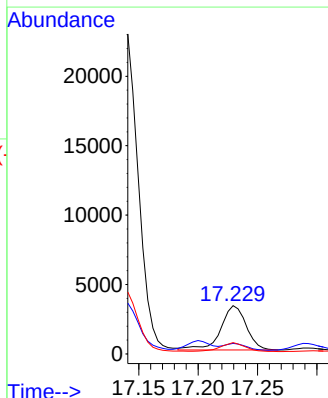
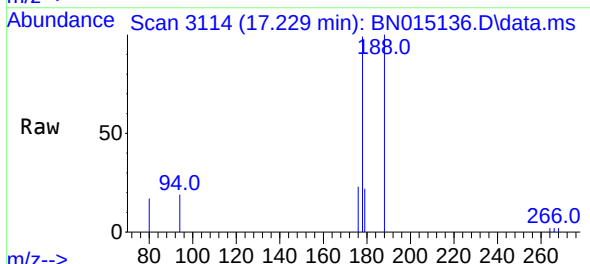
Manual Integrations
APPROVED

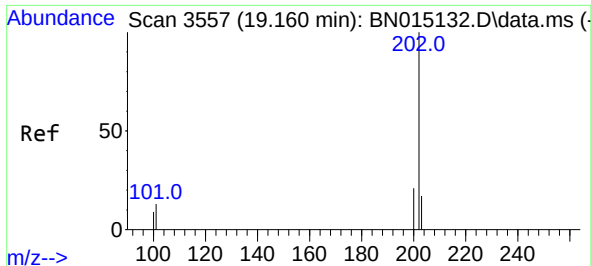
mohammad
6/28/2021 1:28:01 PM



#16
Anthracene
Concen: 0.101 ng/u1
RT: 17.229 min Scan# 3114
Delta R.T. -0.014 min
Lab File: BN015136.D
Acq: 27 Jun 2021 03:47

Tgt Ion:	178	Resp:	4763
Ion Ratio	Lower	Upper	
178	100		
179	21.9	12.8	19.2#
176	23.6	15.2	22.8#





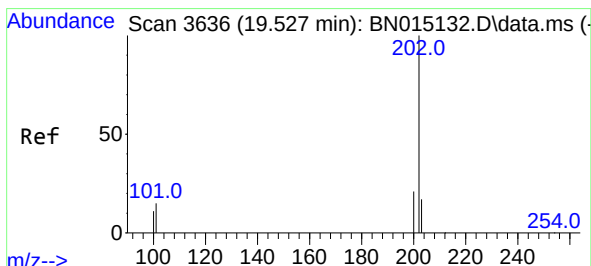
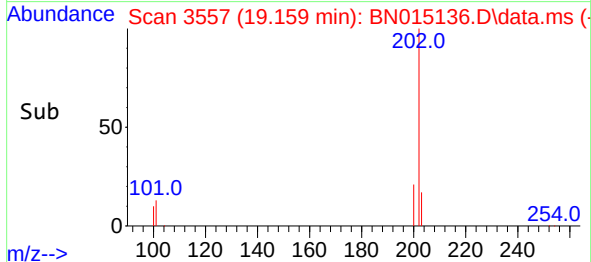
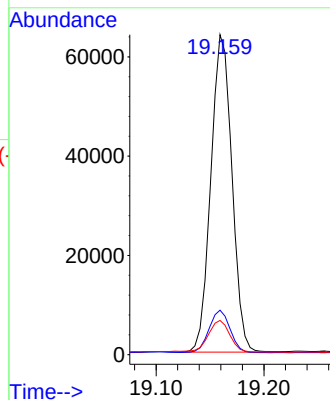
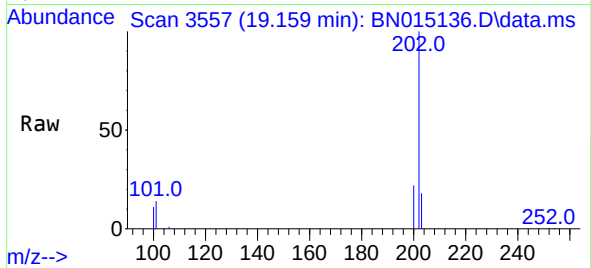
#19
Fluoranthene
Concen: 1.375 ng/ul
RT: 19.159 min Scan# 3557
Delta R.T. -0.016 min
Lab File: BN015136.D
Acq: 27 Jun 2021 03:47

Tgt Ion:	202	Resp:	86944
Ion Ratio	Lower	Upper	
202	100		
101	13.9	10.1	15.1
100	10.7	7.4	11.0

Instrument :
BNA_N
ClientSampled :
BGD44

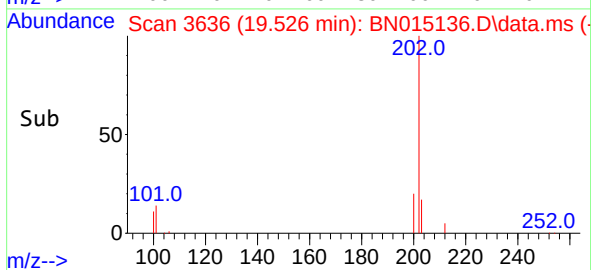
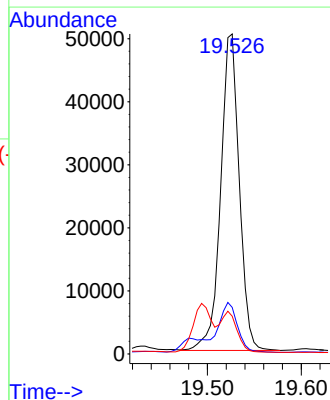
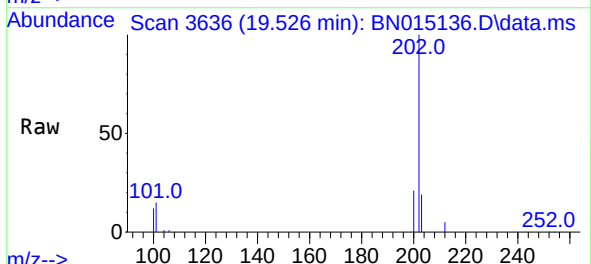
Manual Integrations
APPROVED

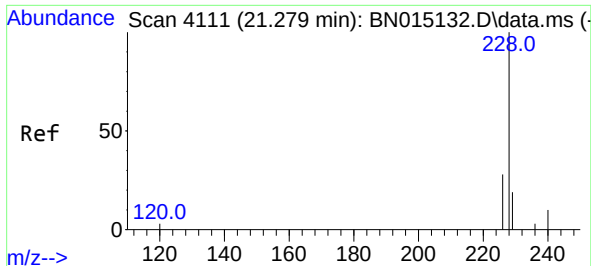
mohammad
6/28/2021 1:28:01 PM



#20
Pyrene
Concen: 1.091 ng/ul
RT: 19.526 min Scan# 3636
Delta R.T. -0.011 min
Lab File: BN015136.D
Acq: 27 Jun 2021 03:47

Tgt Ion:	202	Resp:	69177
Ion Ratio	Lower	Upper	
202	100		
101	14.6	12.0	18.0
100	11.8	9.6	14.4





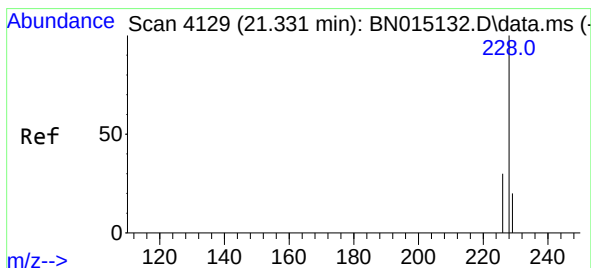
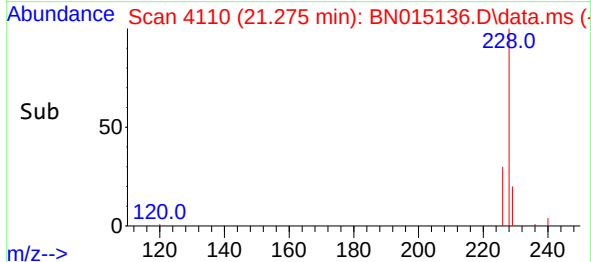
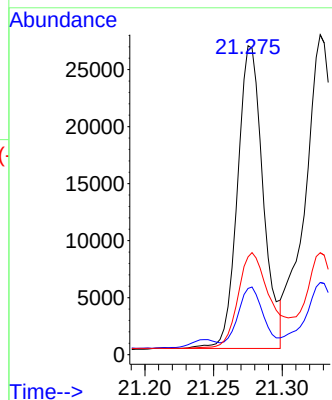
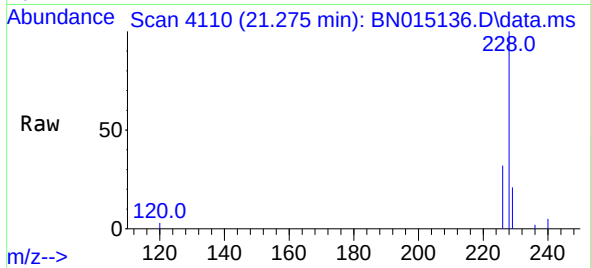
#21
Benzo(a)anthracene
Concen: 0.682 ng/ul
RT: 21.275 min Scan# 4110
Delta R.T. -0.021 min
Lab File: BN015136.D
Acq: 27 Jun 2021 03:47

Tgt Ion:228	Resp:	34544
Ion Ratio	Lower	Upper
228	100	
229	21.4	15.8 23.8
226	31.6	21.8 32.8

Instrument :
BNA_N
ClientSampled :
BGD44

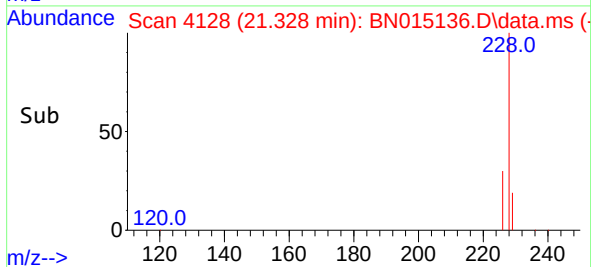
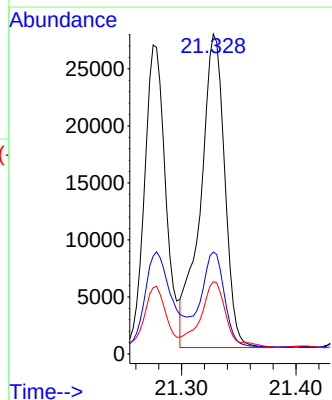
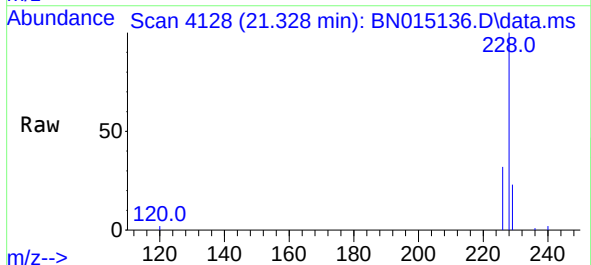
Manual Integrations
APPROVED

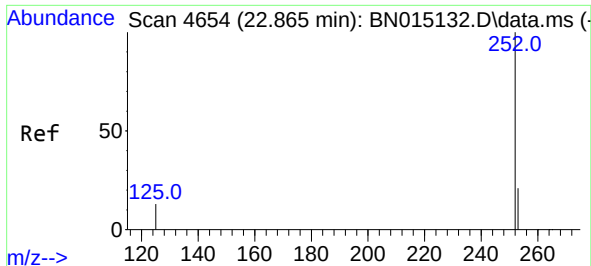
mohammad
6/28/2021 1:28:01 PM



#22
Chrysene
Concen: 0.669 ng/ul
RT: 21.328 min Scan# 4128
Delta R.T. -0.021 min
Lab File: BN015136.D
Acq: 27 Jun 2021 03:47

Tgt Ion:228	Resp:	40609
Ion Ratio	Lower	Upper
228	100	
226	31.9	24.6 37.0
229	22.5	15.7 23.5





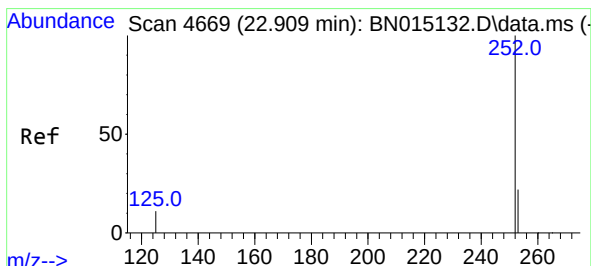
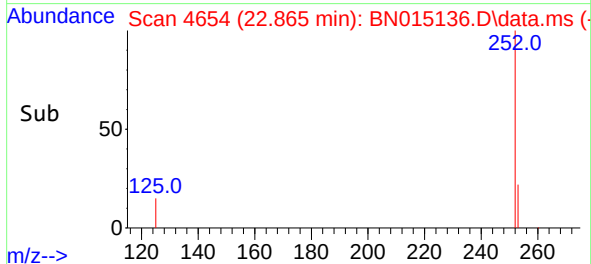
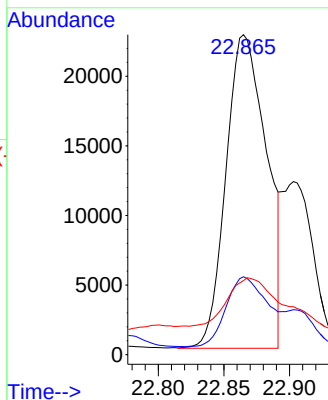
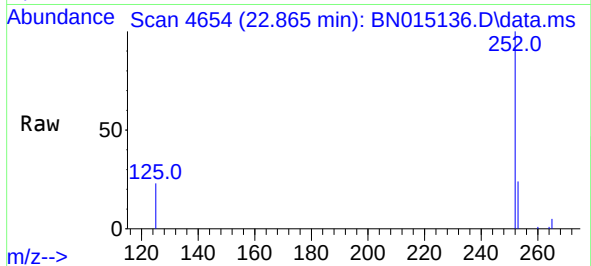
#24
Benzo(b)fluoranthene
Concen: 0.841 ng/ul m
RT: 22.865 min Scan# 4654
Delta R.T. -0.030 min
Lab File: BN015136.D
Acq: 27 Jun 2021 03:47

Tgt Ion:252 Resp: 48359
Ion Ratio Lower Upper
252 100
253 24.4 0.0 45.6
125 23.2 0.0 28.4

Instrument :
BNA_N
ClientSampled :
BGD44

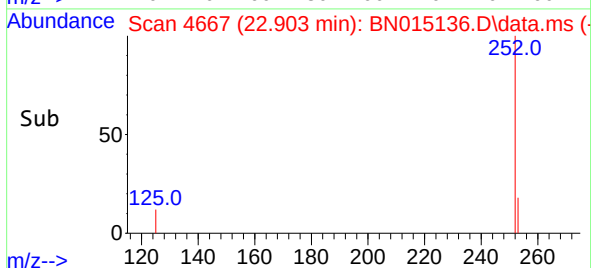
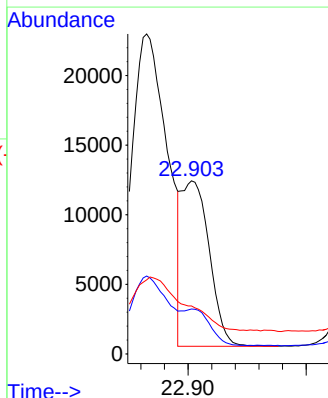
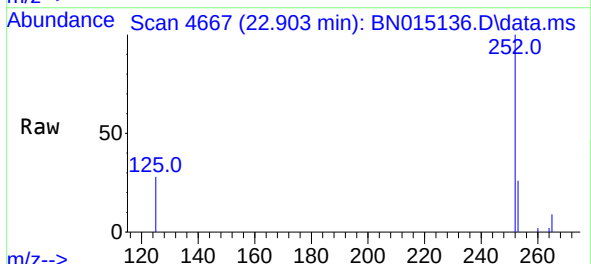
Manual Integrations
APPROVED

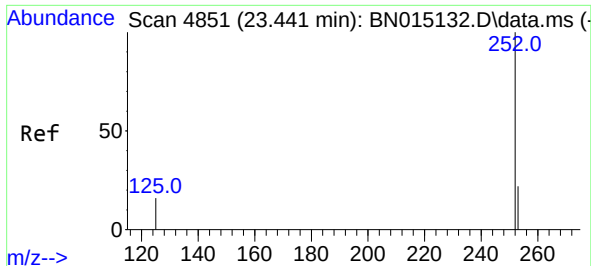
mohammad
6/28/2021 1:28:01 PM



#25
Benzo(k)fluoranthene
Concen: 0.301 ng/ul m
RT: 22.903 min Scan# 4667
Delta R.T. -0.036 min
Lab File: BN015136.D
Acq: 27 Jun 2021 03:47

Tgt Ion:252 Resp: 19509
Ion Ratio Lower Upper
252 100
253 25.9 18.1 27.1
125 27.7 11.5 17.3#





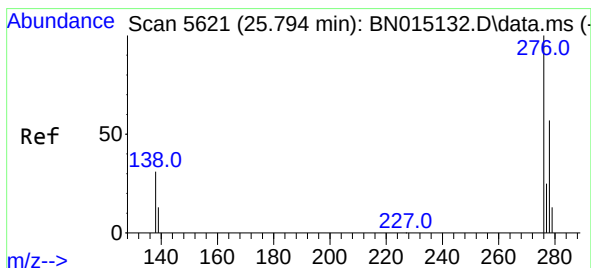
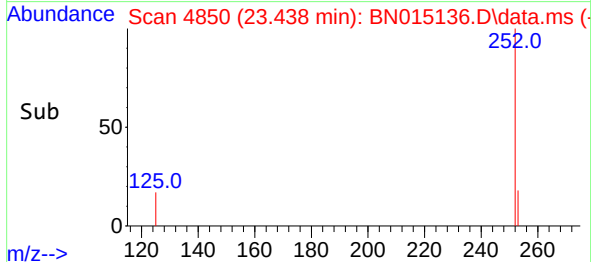
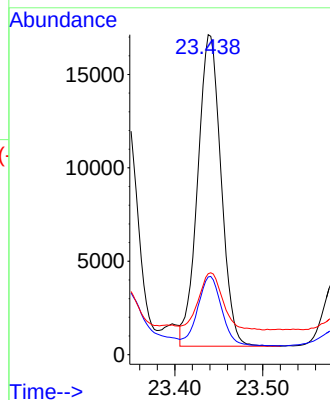
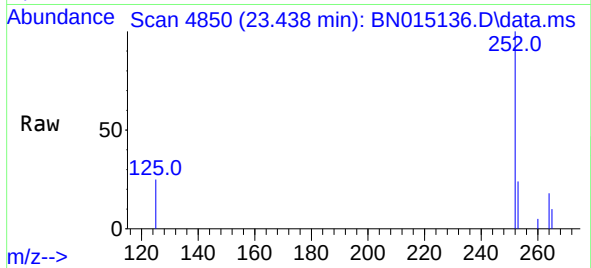
#26
Benzo(a)pyrene
Concen: 0.637 ng/ul
RT: 23.438 min Scan# 4850
Delta R.T. -0.033 min
Lab File: BN015136.D
Acq: 27 Jun 2021 03:47

Tgt Ion:	252	Resp:	30770
Ion Ratio	Lower	Upper	
252	100		
253	24.3	18.9	28.3
125	25.3	13.5	20.3#

Instrument :
BNA_N
ClientSampled :
BGD44

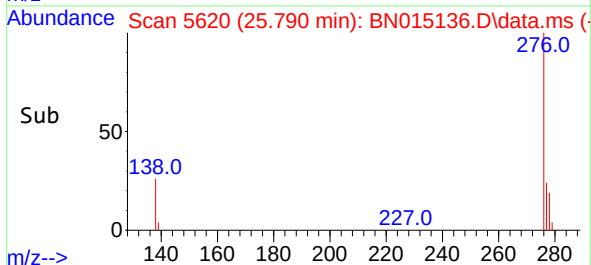
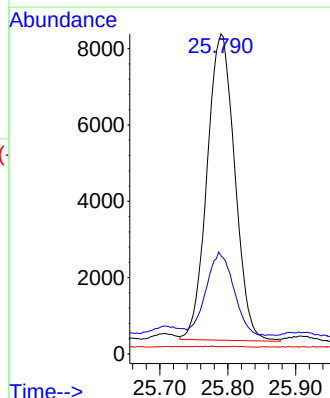
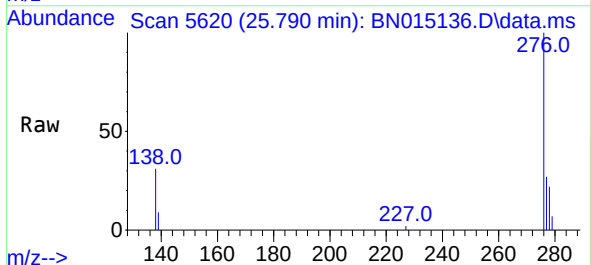
Manual Integrations
APPROVED

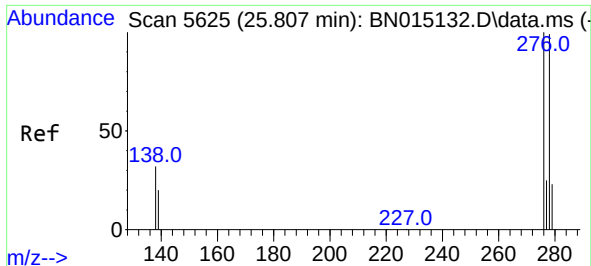
mohammad
6/28/2021 1:28:01 PM



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.389 ng/ul
RT: 25.790 min Scan# 5620
Delta R.T. -0.051 min
Lab File: BN015136.D
Acq: 27 Jun 2021 03:47

Tgt Ion:	276	Resp:	22722
Ion Ratio	Lower	Upper	
276	100		
138	27.4	26.3	39.5
227	0.1	0.1	0.1#





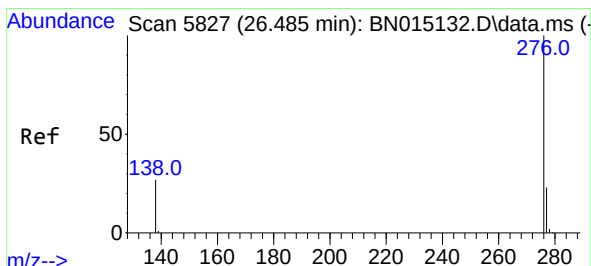
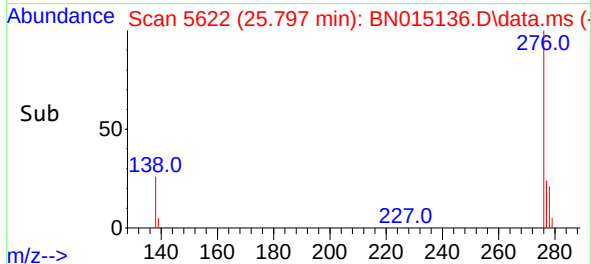
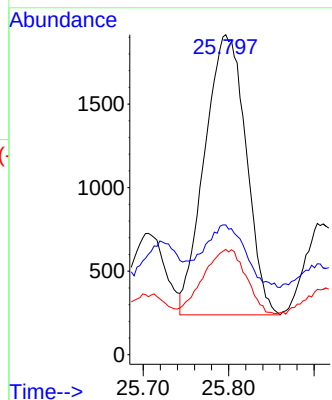
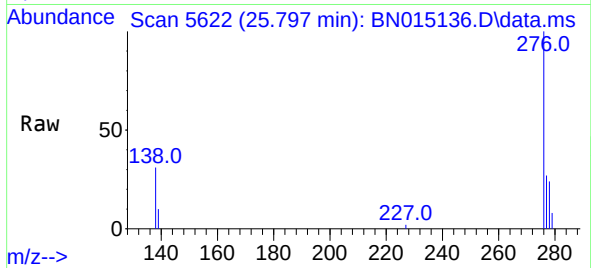
#28
Dibenzo(a,h)anthracene
Concen: 0.123 ng/ul
RT: 25.797 min Scan# 5622
Delta R.T. -0.064 min
Lab File: BN015136.D
Acq: 27 Jun 2021 03:47

Tgt Ion:278 Resp: 5643
Ion Ratio Lower Upper
278 100
139 40.6 18.9 28.3#
279 32.9 20.8 31.2#

Instrument :
BNA_N
ClientSampled :
BGD44

Manual Integrations
APPROVED

mohammad
6/28/2021 1:28:01 PM



#29
Benzo(g,h,i)perylene
Concen: 0.378 ng/ul
RT: 26.481 min Scan# 5826
Delta R.T. -0.044 min
Lab File: BN015136.D
Acq: 27 Jun 2021 03:47

Tgt Ion:276 Resp: 20449
Ion Ratio Lower Upper
276 100
138 33.1 23.0 34.4
277 26.0 19.3 28.9

