

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071221\
 Data File : BN015547.D
 Acq On : 14 Jul 2021 02:55
 Operator : CG/JU
 Sample : M2869-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGDx0

Manual Integrations
 APPROVED

mohammad
 7/14/2021 12:15:08 PM

Quant Time: Jul 14 05:38:21 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 : Wed Jul 14 05:24:11 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.808	152	3048	0.400	ng/ul	0.00
4) Naphthalene-d8	10.595	136	10897	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.441	164	5845	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.191	188	11642	0.400	ng/ul	0.00
17) Chrysene-d12	21.386	240	9523	0.400	ng/ul	0.00
23) Perylene-d12	23.739	264	8730	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.315	96	4777	1.390	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.184	152	2000	0.117	ng/ul	0.00
18) Fluoranthene-d10	19.224	212	4145	0.132	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.645	128	23959	0.689	ng/ul	99
7) 2-Methylnaphthalene	12.261	142	2575	0.113	ng/ul	99
8) 1-Methylnaphthalene	12.481	142	2077	0.094	ng/ul	99
10) Acenaphthylene	14.159	152	23438	0.776	ng/ul	99
11) Acenaphthene	14.502	153	27845	1.202	ng/ul	99
12) Fluorene	15.492	166	19858	0.776	ng/ul	97
15) Phenanthrene	17.234	178	301523	7.136	ng/ul	100
16) Anthracene	17.322	178	106490	2.858	ng/ul	99
19) Fluoranthene	19.252	202	464173	10.548	ng/ul	98
20) Pyrene	19.619	202	311119	7.049	ng/ul	99
21) Benzo(a)anthracene	21.369	228	210403	5.964	ng/ul	96
22) Chrysene	21.421	228	168211	3.983	ng/ul	98
24) Benzo(b)fluoranthene	23.029	252	201858m	4.949	ng/ul	
25) Benzo(k)fluoranthene	23.070	252	75208m	1.634	ng/ul	
26) Benzo(a)pyrene	23.634	252	98881	2.887	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.162	276	68028	1.644	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.172	278	22543	0.695	ng/ul	96
29) Benzo(g,h,i)perylene	26.903	276	3865	0.101	ng/ul#	80

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

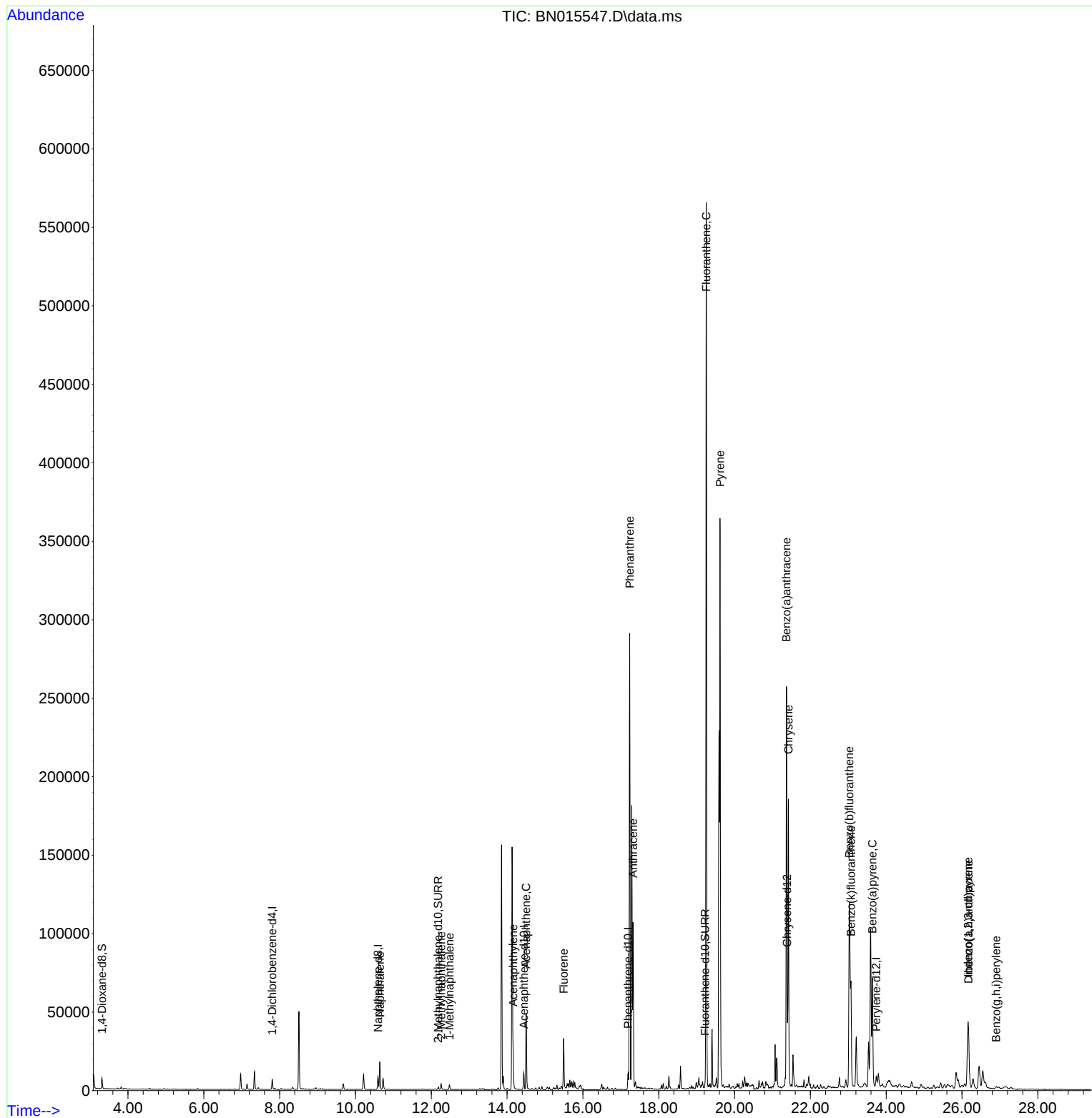
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071221\
Data File : BN015547.D
Acq On : 14 Jul 2021 02:55
Operator : CG/JU
Sample : M2869-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

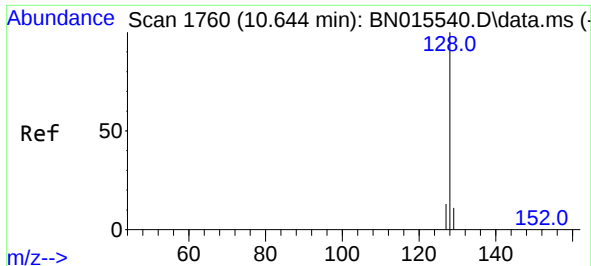
Instrument :
BNA_N
ClientSampleId :
BGDX0

Manual Integrations
APPROVED

mohammad
7/14/2021 12:15:08 PM

Quant Time: Jul 14 05:38:21 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 : Wed Jul 14 05:24:11 2021
Response via : Initial Calibration





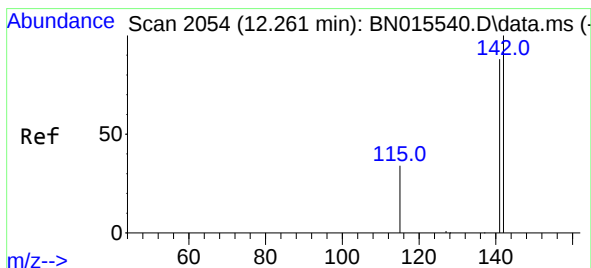
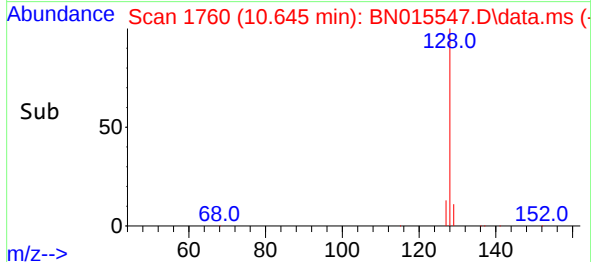
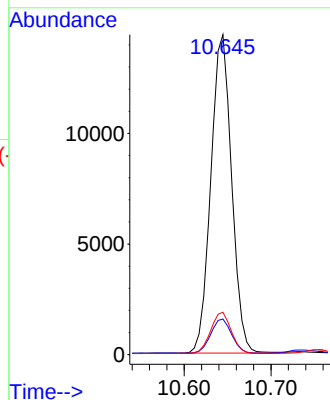
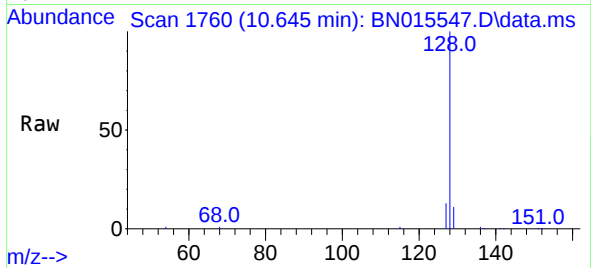
#5
Naphthalene
Concen: 0.689 ng/ul
RT: 10.645 min Scan# 1760
Delta R.T. -0.000 min
Lab File: BN015547.D
Acq: 14 Jul 2021 02:55

Tgt Ion:	128	Resp:	23959
Ion Ratio	Lower	Upper	
128	100		
129	11.1	9.3	13.9
127	13.3	10.8	16.2

Instrument :
BNA_N
ClientSampleId :
BGDX0

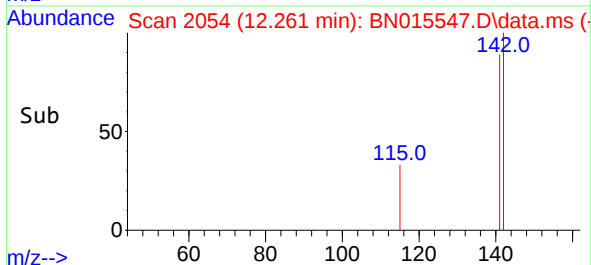
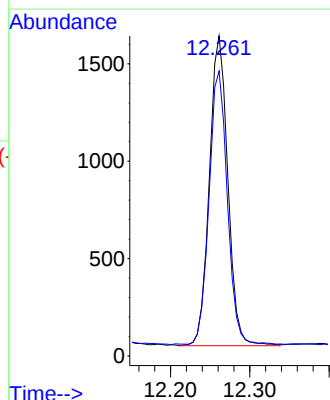
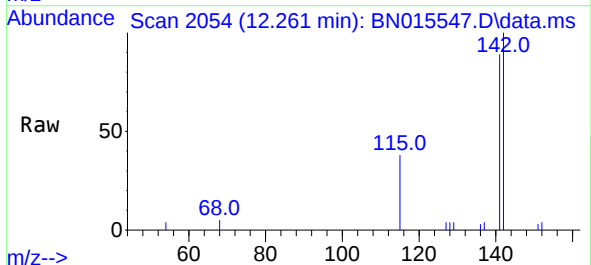
Manual Integrations
APPROVED

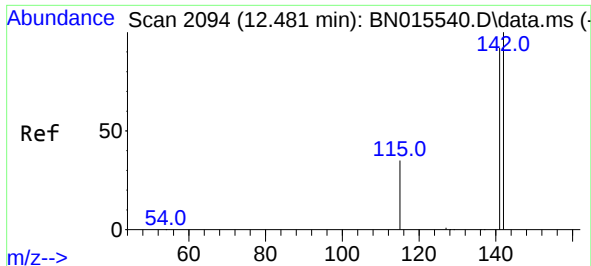
mohammad
7/14/2021 12:15:08 PM



#7
2-Methylnaphthalene
Concen: 0.113 ng/ul
RT: 12.261 min Scan# 2054
Delta R.T. -0.000 min
Lab File: BN015547.D
Acq: 14 Jul 2021 02:55

Tgt Ion:	142	Resp:	2575
Ion Ratio	Lower	Upper	
142	100		
141	86.6	70.3	105.5





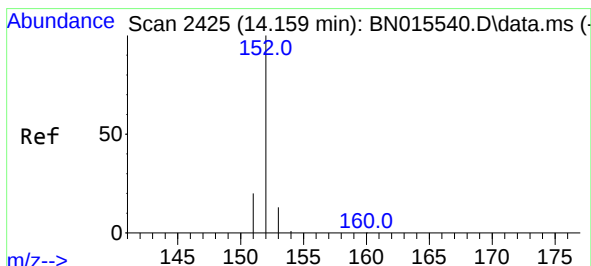
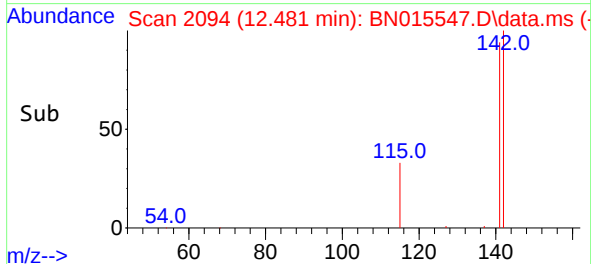
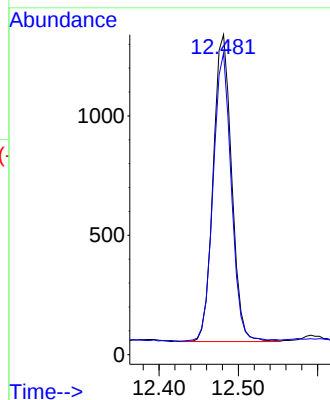
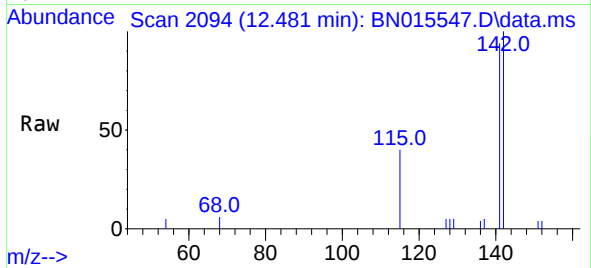
#8
1-Methylnaphthalene
Concen: 0.094 ng/ul
RT: 12.481 min Scan# 2094
Delta R.T. -0.000 min
Lab File: BN015547.D
Acq: 14 Jul 2021 02:55

Tgt Ion:142 Resp: 2077
Ion Ratio Lower Upper
142 100
141 92.3 74.2 111.4

Instrument :
BNA_N
ClientSampled :
BGDX0

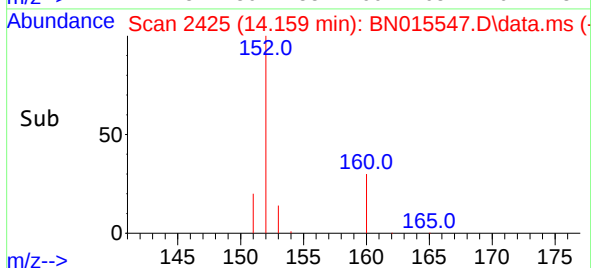
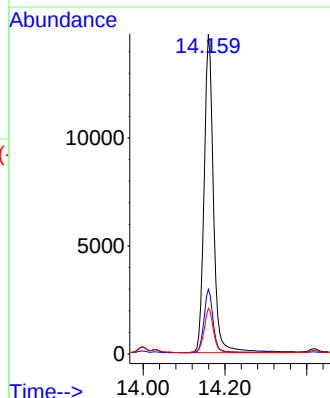
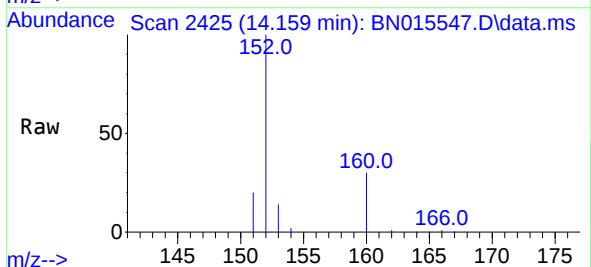
Manual Integrations
APPROVED

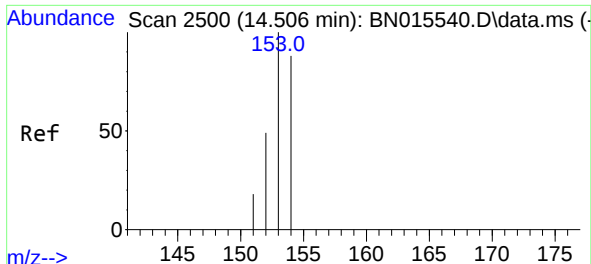
mohammad
7/14/2021 12:15:08 PM



#10
Acenaphthylene
Concen: 0.776 ng/ul
RT: 14.159 min Scan# 2425
Delta R.T. -0.000 min
Lab File: BN015547.D
Acq: 14 Jul 2021 02:55

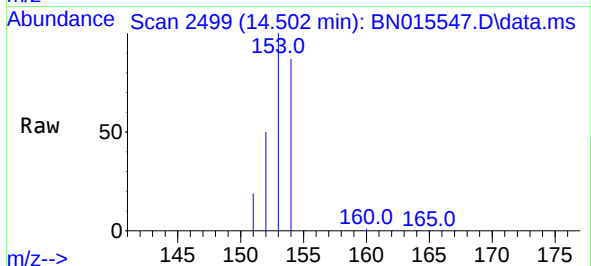
Tgt Ion:152 Resp: 23438
Ion Ratio Lower Upper
152 100
151 20.2 16.0 24.0
153 14.3 10.9 16.3





#11
Acenaphthene
Concen: 1.202 ng/ul
RT: 14.502 min Scan# 2499
Delta R.T. -0.005 min
Lab File: BN015547.D
Acq: 14 Jul 2021 02:55

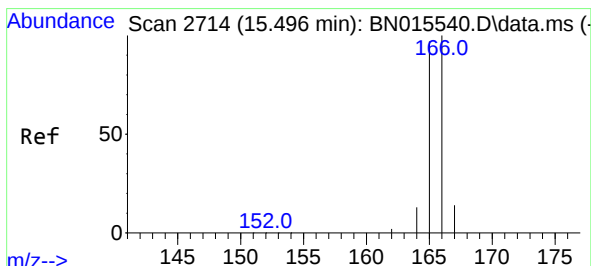
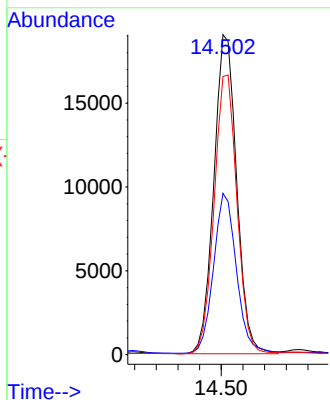
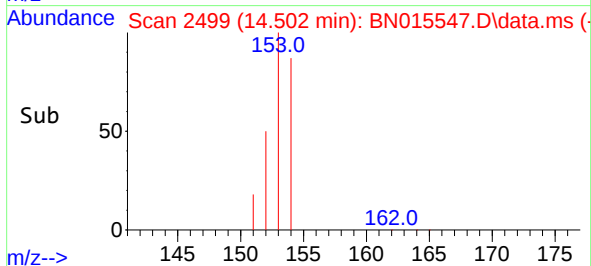
Instrument :
BNA_N
ClientSampled :
BGDX0



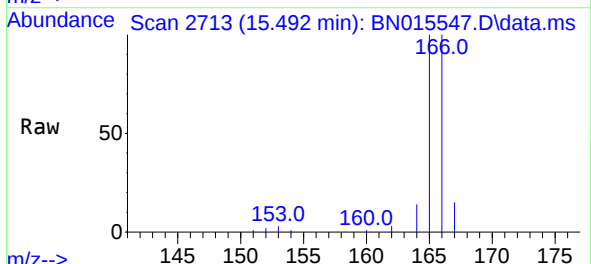
Tgt Ion:153 Resp: 27845
Ion Ratio Lower Upper
153 100
152 50.4 39.8 59.6
154 87.0 69.8 104.8

Manual Integrations
APPROVED

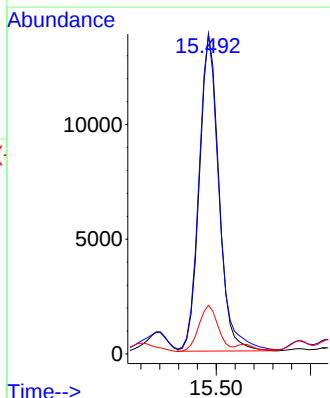
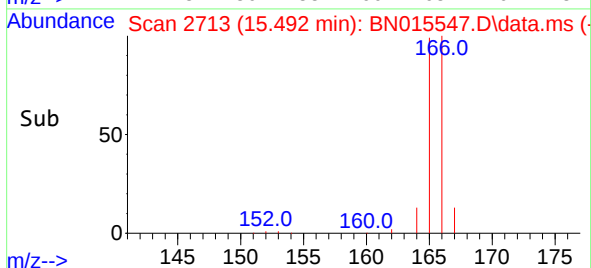
mohammad
7/14/2021 12:15:08 PM

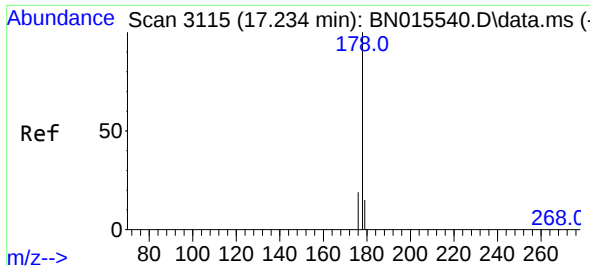


#12
Fluorene
Concen: 0.776 ng/ul
RT: 15.492 min Scan# 2713
Delta R.T. -0.005 min
Lab File: BN015547.D
Acq: 14 Jul 2021 02:55



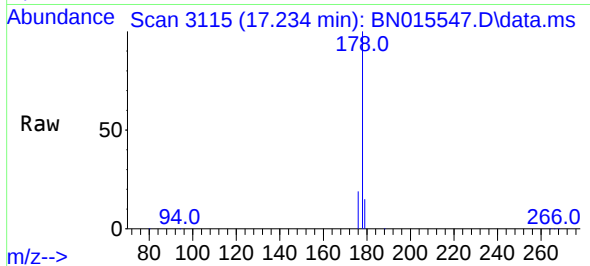
Tgt Ion:166 Resp: 19858
Ion Ratio Lower Upper
166 100
165 99.8 77.8 116.8
167 15.2 11.2 16.8





#15
Phenanthrene
Concen: 7.136 ng/ul
RT: 17.234 min Scan# 3115
Delta R.T. -0.000 min
Lab File: BN015547.D
Acq: 14 Jul 2021 02:55

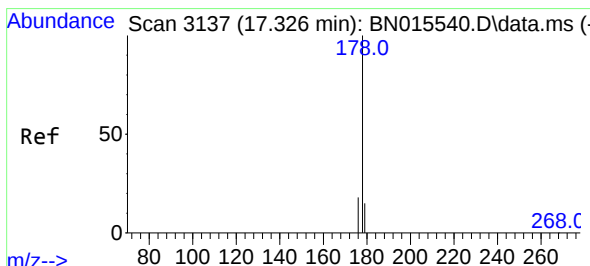
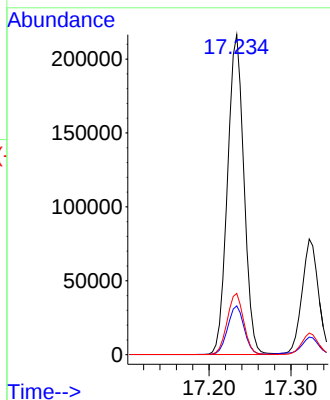
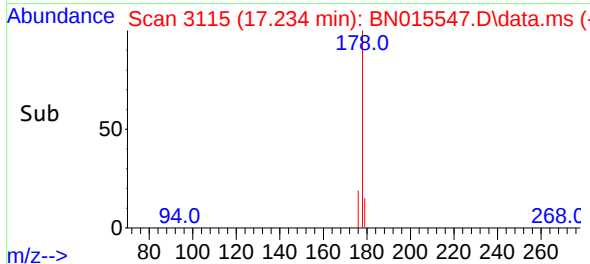
Instrument :
BNA_N
ClientSampled :
BGDX0



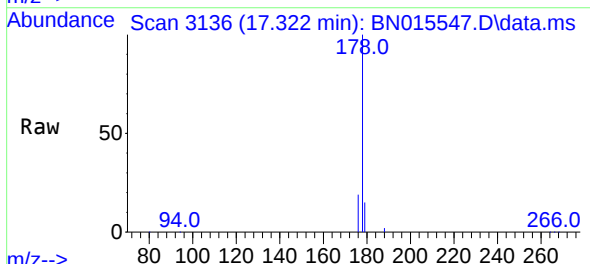
Tgt Ion:178 Resp: 301523
Ion Ratio Lower Upper
178 100
179 15.3 12.3 18.5
176 19.1 15.5 23.3

Manual Integrations
APPROVED

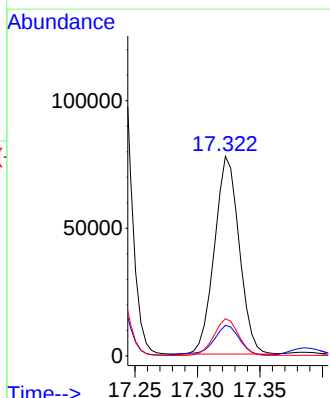
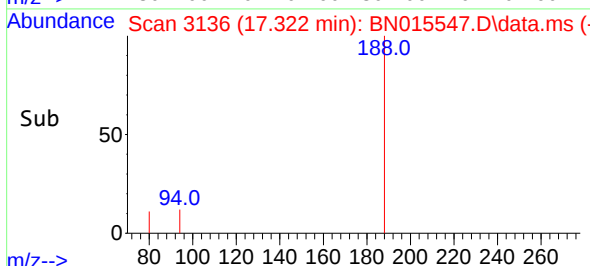
mohammad
7/14/2021 12:15:08 PM

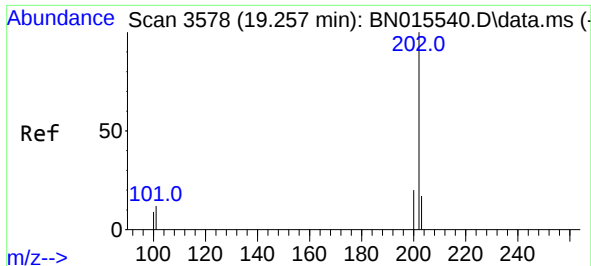


#16
Anthracene
Concen: 2.858 ng/ul
RT: 17.322 min Scan# 3136
Delta R.T. -0.004 min
Lab File: BN015547.D
Acq: 14 Jul 2021 02:55



Tgt Ion:178 Resp: 106490
Ion Ratio Lower Upper
178 100
179 15.3 12.8 19.2
176 18.6 15.2 22.8





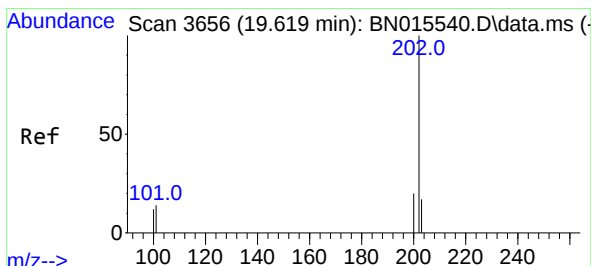
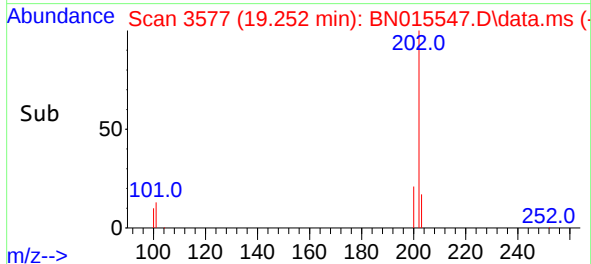
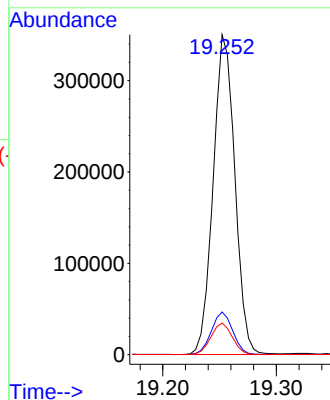
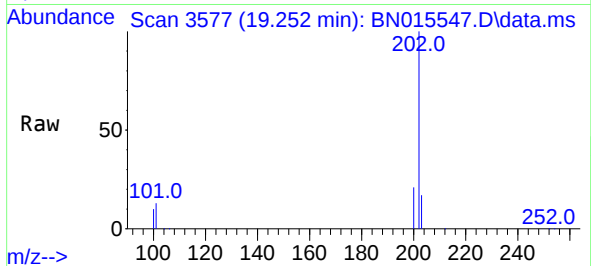
#19
Fluoranthene
Concen: 10.548 ng/u1
RT: 19.252 min Scan# 3577
Delta R.T. -0.005 min
Lab File: BN015547.D
Acq: 14 Jul 2021 02:55

Tgt Ion:202 Resp: 464173
Ion Ratio Lower Upper
202 100
101 13.4 10.1 15.1
100 9.9 7.4 11.0

Instrument :
BNA_N
ClientSampleId :
BGDX0

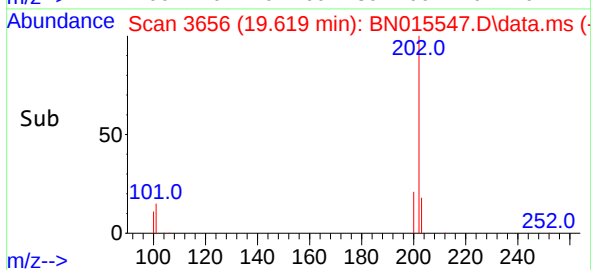
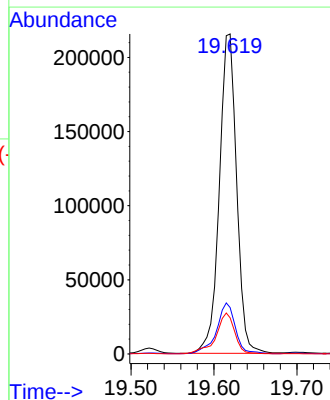
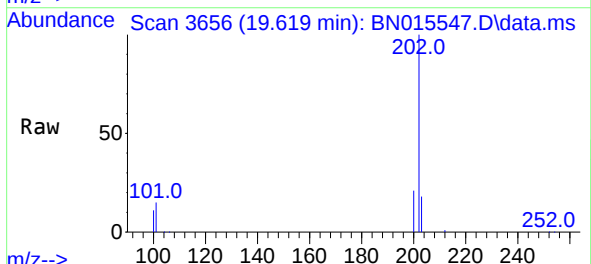
Manual Integrations
APPROVED

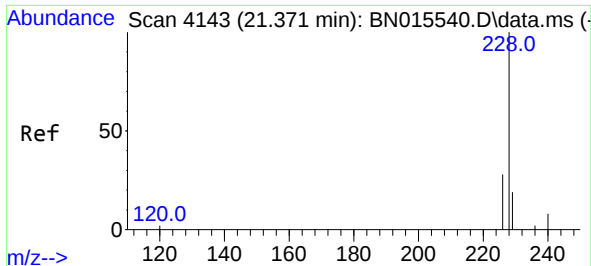
mohammad
7/14/2021 12:15:08 PM



#20
Pyrene
Concen: 7.049 ng/u1
RT: 19.619 min Scan# 3656
Delta R.T. -0.000 min
Lab File: BN015547.D
Acq: 14 Jul 2021 02:55

Tgt Ion:202 Resp: 311119
Ion Ratio Lower Upper
202 100
101 14.5 12.0 18.0
100 11.3 9.6 14.4





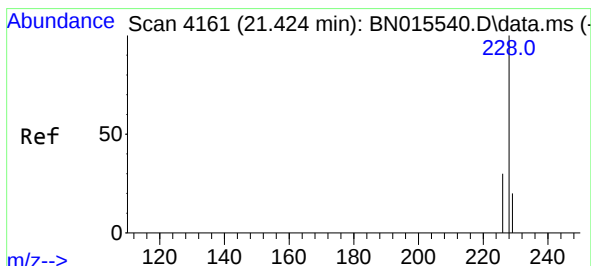
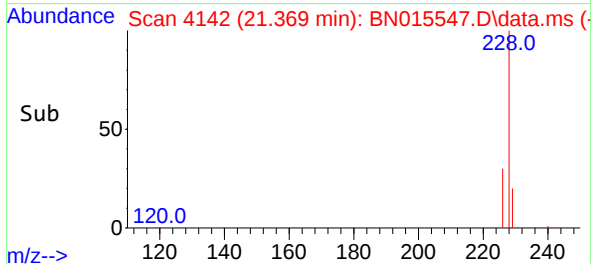
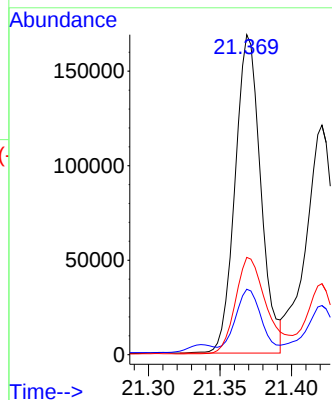
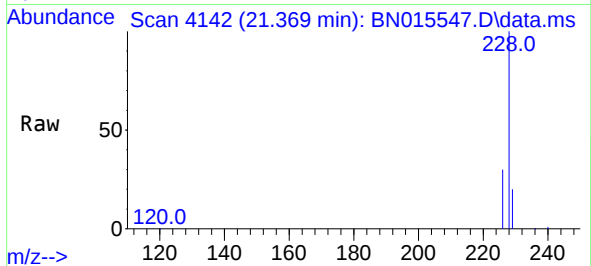
#21
Benzo(a)anthracene
Concen: 5.964 ng/ul
RT: 21.369 min Scan# 4142
Delta R.T. -0.006 min
Lab File: BN015547.D
Acq: 14 Jul 2021 02:55

Tgt Ion:228 Resp: 210403
Ion Ratio Lower Upper
228 100
229 20.5 15.8 23.8
226 30.4 21.8 32.8

Instrument :
BNA_N
ClientSampled :
BGDX0

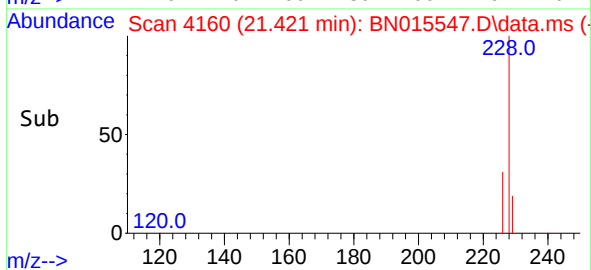
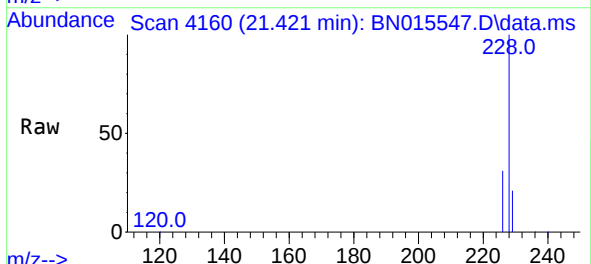
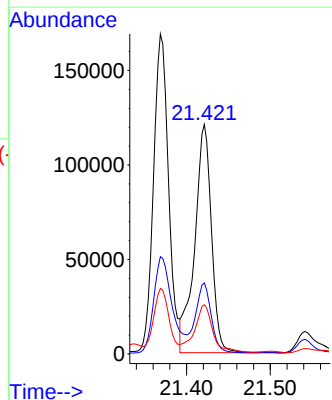
Manual Integrations
APPROVED

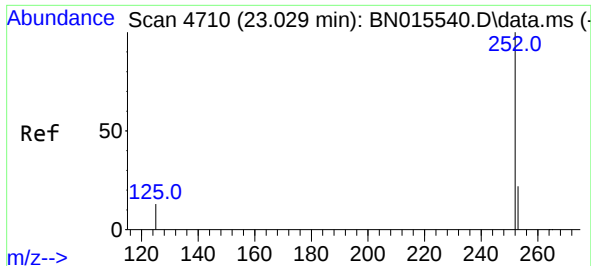
mohammad
7/14/2021 12:15:08 PM



#22
Chrysene
Concen: 3.983 ng/ul
RT: 21.421 min Scan# 4160
Delta R.T. -0.006 min
Lab File: BN015547.D
Acq: 14 Jul 2021 02:55

Tgt Ion:228 Resp: 168211
Ion Ratio Lower Upper
228 100
226 31.0 24.6 37.0
229 21.4 15.7 23.5





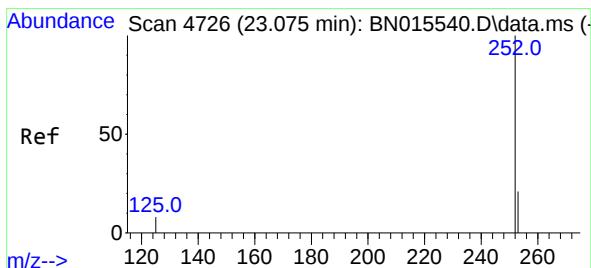
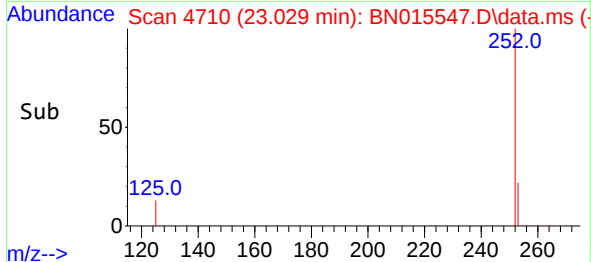
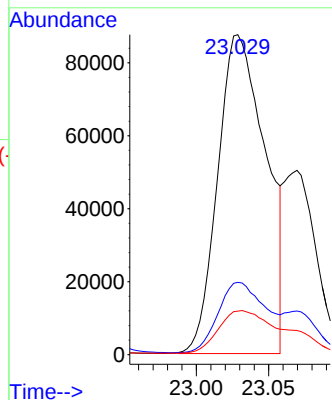
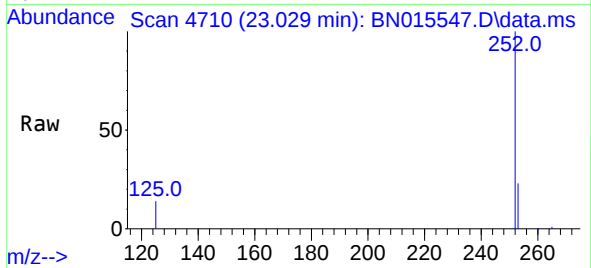
#24
Benzo(b)fluoranthene
Concen: 4.949 ng/ul m
RT: 23.029 min Scan# 4710
Delta R.T. -0.000 min
Lab File: BN015547.D
Acq: 14 Jul 2021 02:55

Tgt Ion:252 Resp: 201858
Ion Ratio Lower Upper
252 100
253 22.6 0.0 45.6
125 13.6 0.0 28.4

Instrument :
BNA_N
ClientSampled :
BGDX0

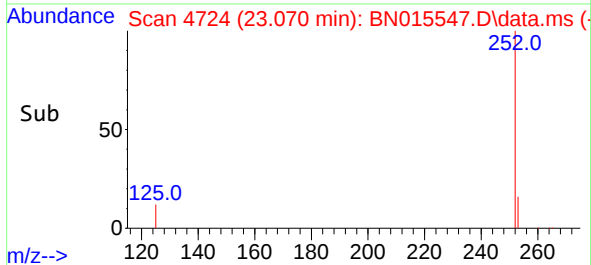
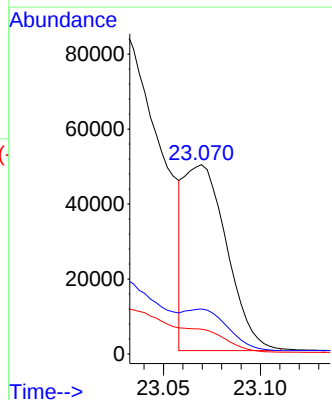
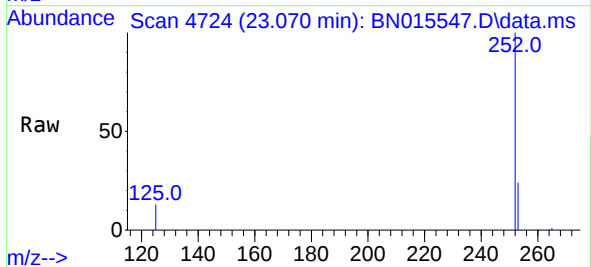
Manual Integrations
APPROVED

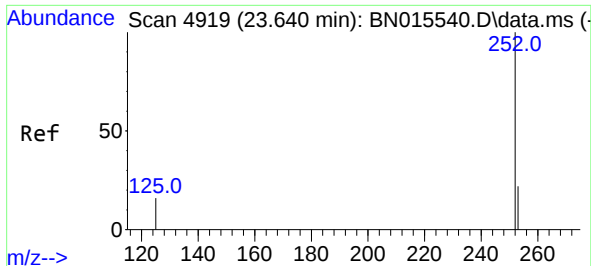
mohammad
7/14/2021 12:15:08 PM



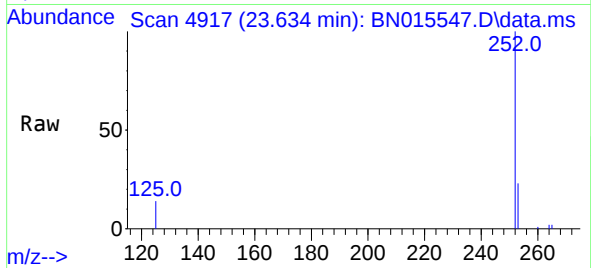
#25
Benzo(k)fluoranthene
Concen: 1.634 ng/ul m
RT: 23.070 min Scan# 4724
Delta R.T. -0.009 min
Lab File: BN015547.D
Acq: 14 Jul 2021 02:55

Tgt Ion:252 Resp: 75208
Ion Ratio Lower Upper
252 100
253 23.7 18.1 27.1
125 13.1 11.5 17.3

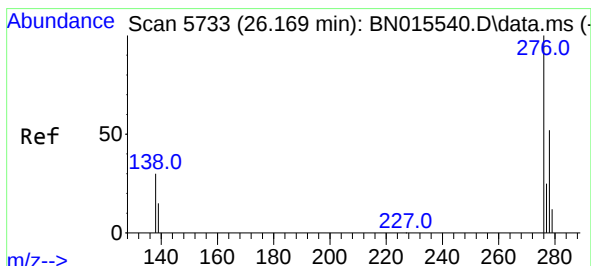
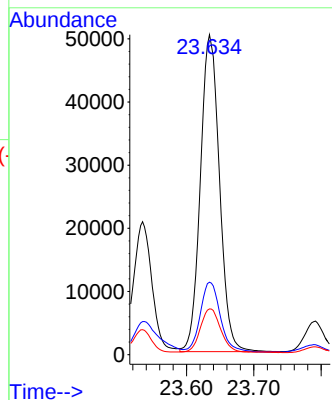
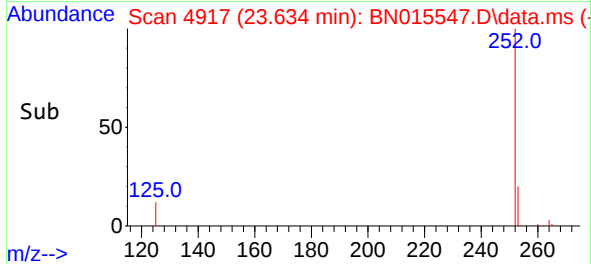




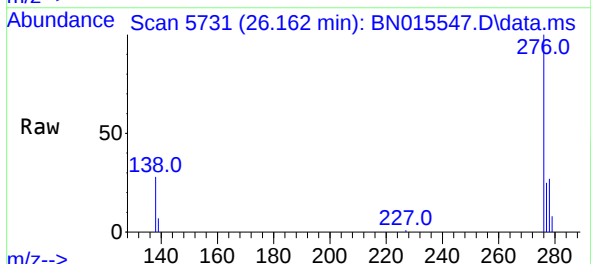
#26
Benzo(a)pyrene
Concen: 2.887 ng/ul
RT: 23.634 min Scan# 4917
Delta R.T. -0.006 min
Lab File: BN015547.D
Acq: 14 Jul 2021 02:55



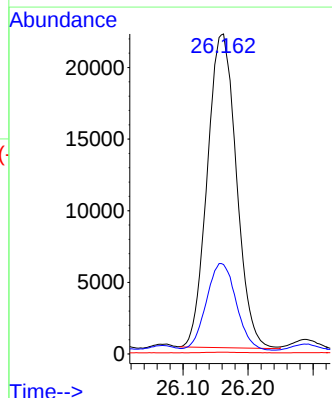
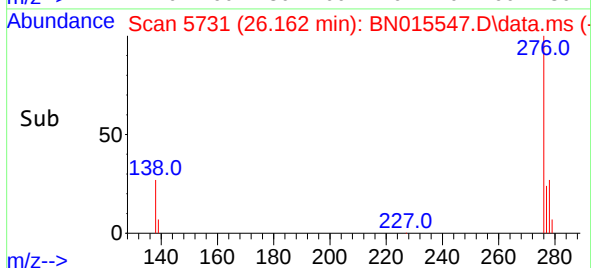
Tgt Ion:252 Resp: 98881
Ion Ratio Lower Upper
252 100
253 22.7 18.9 28.3
125 14.3 13.5 20.3



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.644 ng/ul
RT: 26.162 min Scan# 5731
Delta R.T. -0.007 min
Lab File: BN015547.D
Acq: 14 Jul 2021 02:55



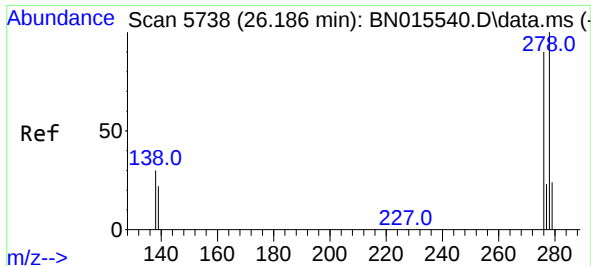
Tgt Ion:276 Resp: 68028
Ion Ratio Lower Upper
276 100
138 28.5 26.3 39.5
227 0.2 0.1 0.1#



Instrument :
BNA_N
ClientSampleId :
BGDX0

Manual Integrations
APPROVED

mohammad
7/14/2021 12:15:08 PM



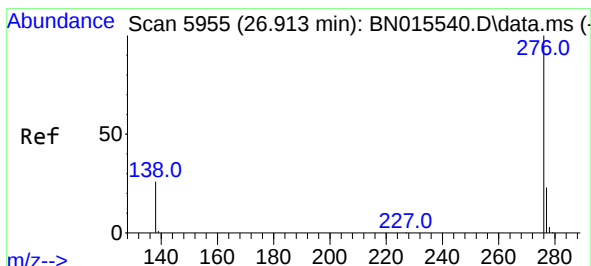
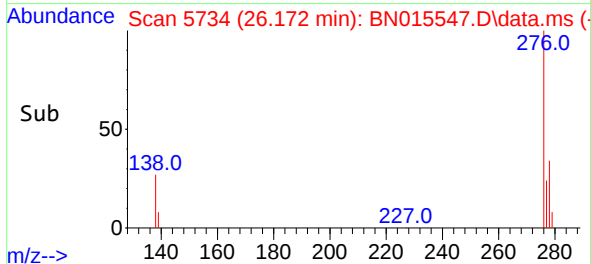
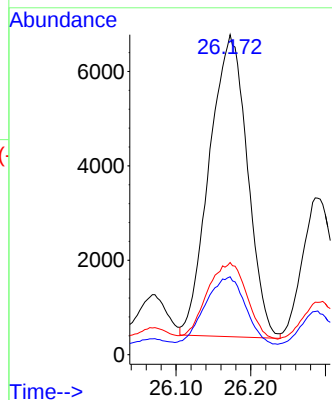
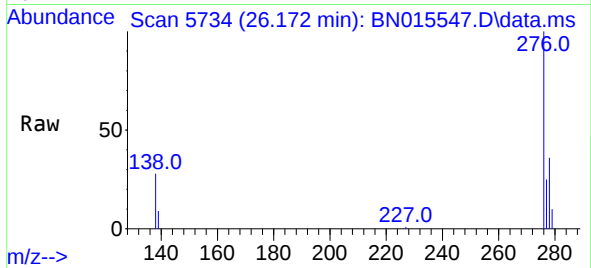
#28
Dibenzo(a,h)anthracene
Concen: 0.695 ng/ul
RT: 26.172 min Scan# 5734
Delta R.T. -0.017 min
Lab File: BN015547.D
Acq: 14 Jul 2021 02:55

Tgt Ion:	278	Resp:	22543
Ion Ratio	Lower	Upper	
278	100		
139	24.4	18.9	28.3
279	28.8	20.8	31.2

Instrument :
BNA_N
ClientSampleId :
BGDX0

Manual Integrations
APPROVED

mohammad
7/14/2021 12:15:08 PM



#29
Benzo(g,h,i)perylene
Concen: 0.101 ng/ul
RT: 26.903 min Scan# 5952
Delta R.T. -0.007 min
Lab File: BN015547.D
Acq: 14 Jul 2021 02:55

Tgt Ion:	276	Resp:	3865
Ion Ratio	Lower	Upper	
276	100		
138	38.1	23.0	34.4#
277	35.4	19.3	28.9#

