

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\
 Data File : BN007028.D
 Acq On : 08 Aug 2019 16:39
 Operator : HP/JU
 Sample : K3962-19DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BENZ5DL

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:17:12 AM

Quant Time: Aug 08 18:19:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN080719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 17:30:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	8387	0.40	ng/ul	0.00
2) Naphthalene-d8	10.23	136	33650	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.11	164	21169	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.86	188	54642	0.40	ng/ul	0.00
16) Chrysene-d12	21.08	240	45260	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	39423	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.83	152	1990	0.03	ng/ul	0.00
14) Fluoranthene-d10	18.90	212	6238	0.04	ng/ul	0.00
Target Compounds				Qvalue		
7) Acenaphthylene	13.82	152	4238	0.035	ng/ul#	96
8) Acenaphthene	14.18	153	2240	0.027	ng/ul	97
9) Fluorene	15.17	166	3054	0.030	ng/ul#	98
12) Phenanthrene	16.90	178	78328	0.450	ng/ul	100
13) Anthracene	16.99	178	12995	0.073	ng/ul	98
15) Fluoranthene	18.93	202	244827	1.131	ng/ul	98
17) Pyrene	19.29	202	215703	1.068	ng/ul	99
18) Benzo(a)anthracene	21.06	228	105283	0.530	ng/ul	97
19) Chrysene	21.11	228	119284	0.641	ng/ul	98
21) Benzo(b)fluoranthene	22.58	252	146099m	0.914	ng/ul	
22) Benzo(k)fluoranthene	22.62	252	52949m	0.342	ng/ul	
23) Benzo(a)pyrene	23.12	252	89204	0.593	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	25.30	276	60738	0.374	ng/ul#	91
25) Dibenzo(a,h)anthracene	25.31	278	14128	0.109	ng/ul#	86
26) Benzo(g,h,i)perylene	25.93	276	58967	0.433	ng/ul	98

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

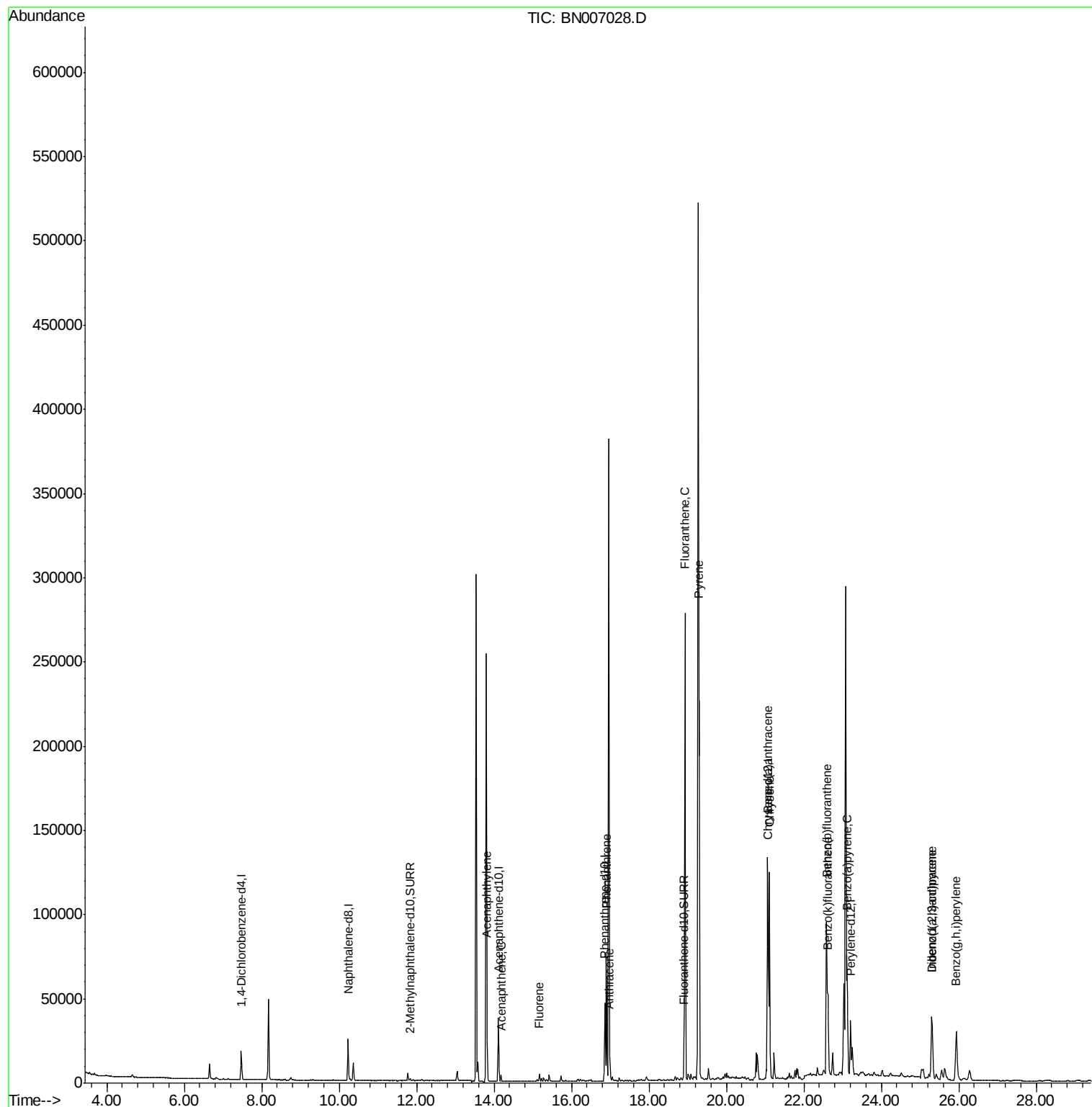
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\
Data File : BN007028.D
Acq On : 08 Aug 2019 16:39
Operator : HP/JU
Sample : K3962-19DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

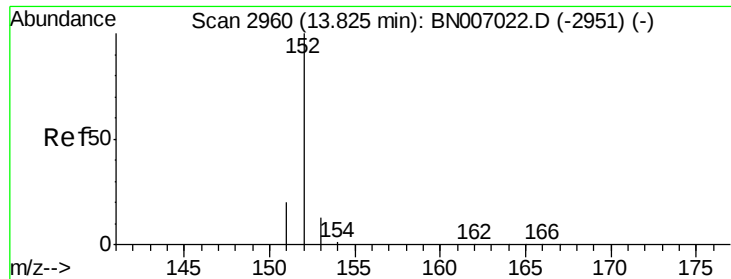
Instrument :
BNA_N
ClientSampleId :
BENZ5DL

Manual Integrations
APPROVED

mohammad
8/9/2019 6:17:12 AM

Quant Time: Aug 08 18:19:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN080719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 17:30:08 2019
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.035 ng/u1

RT: 13.82 min Scan# 2960

Delta R.T. -0.00 min

Lab File: BN007028.D

Acq: 08 Aug 2019 16:39

Instrument :

BNA_N

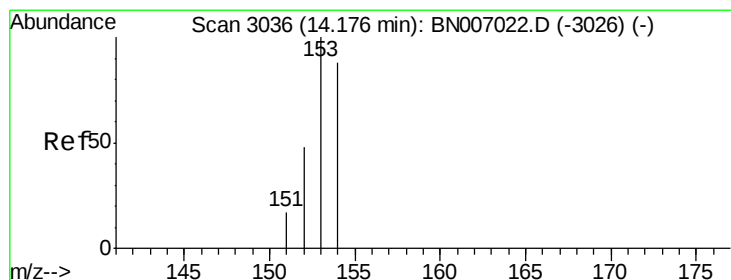
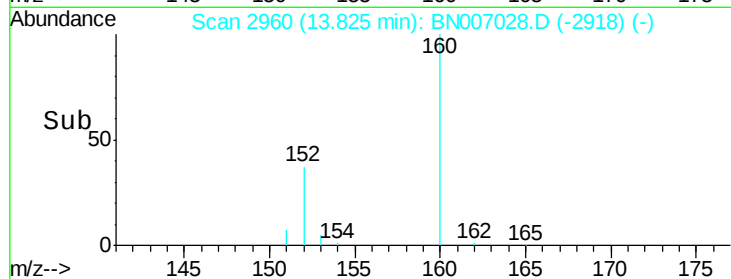
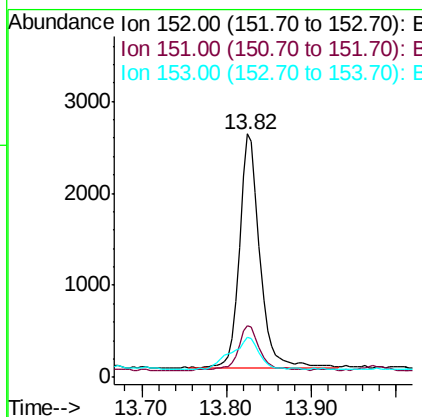
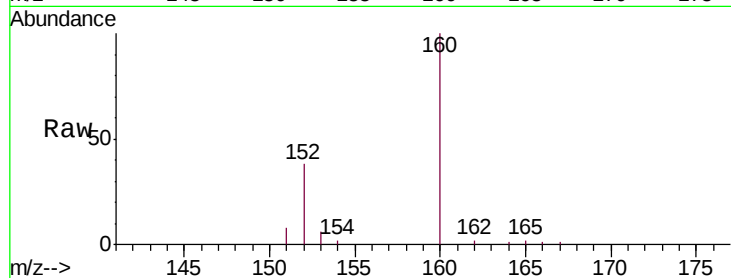
ClientSampleId :

BENZ5DL

Tgt Ion:	152	Resp:	4238
Ion Ratio	Lower	Upper	
152	100		
151	21.3	16.3	24.5
153	16.7	11.0	16.4

Manual Integrations
APPROVED

mohammad
8/9/2019 6:17:12 AM



#8

Acenaphthene

Concen: 0.027 ng/u1

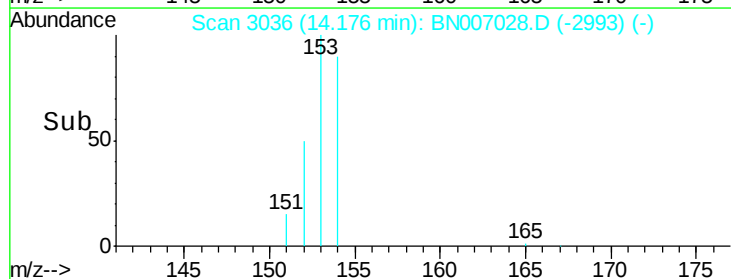
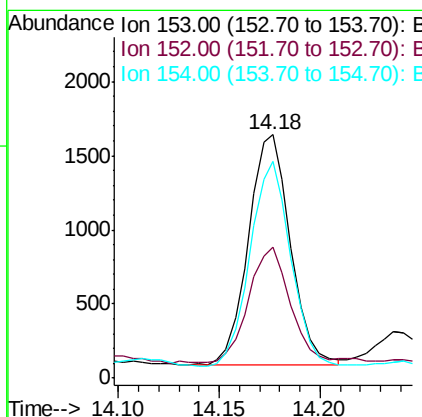
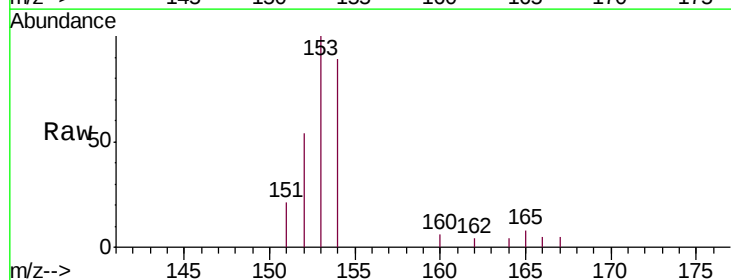
RT: 14.18 min Scan# 3036

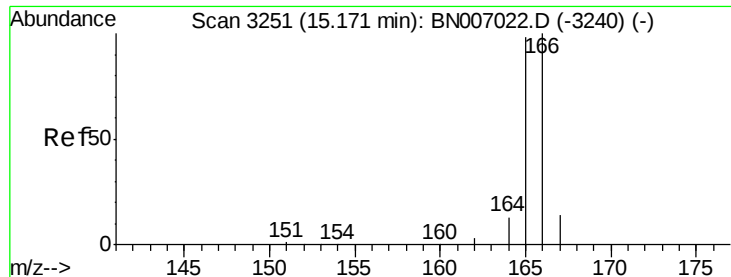
Delta R.T. -0.00 min

Lab File: BN007028.D

Acq: 08 Aug 2019 16:39

Tgt Ion:	153	Resp:	2240
Ion Ratio	Lower	Upper	
153	100		
152	53.9	39.4	59.2
154	89.1	70.1	105.1





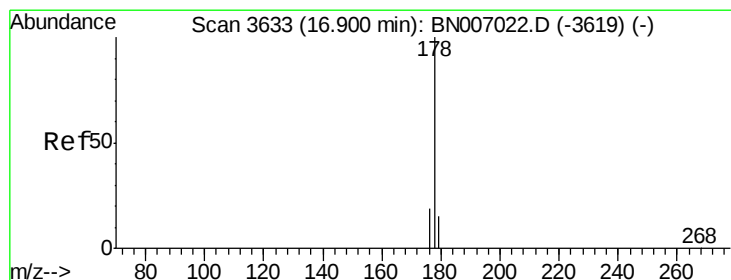
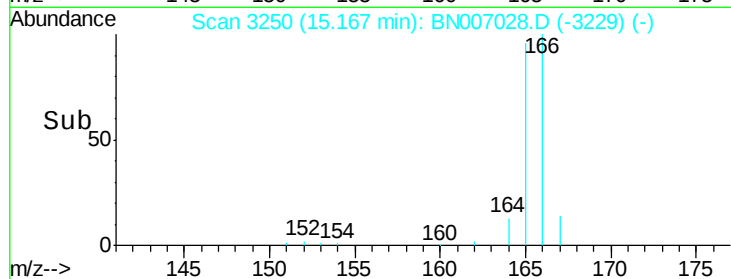
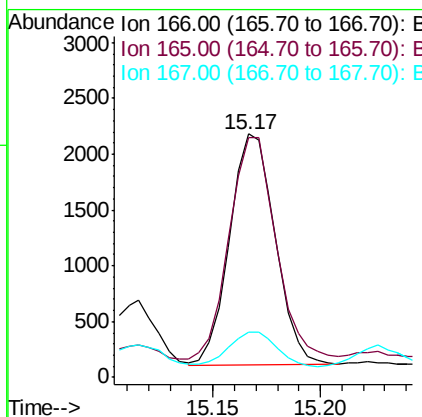
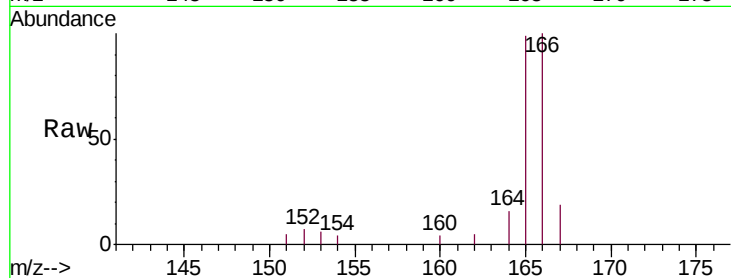
#9
Fluorene
 Concen: 0.030 ng/ul
 RT: 15.17 min Scan# 3250
 Delta R.T. -0.00 min
 Lab File: BN007028.D
 Acq: 08 Aug 2019 16:39

Instrument :
 BNA_N
 ClientSampleId :
 BENZ5DL

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.7	78.8	118.2
167	18.6	11.3	16.9#

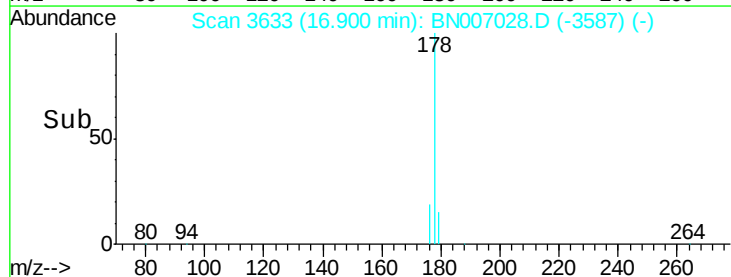
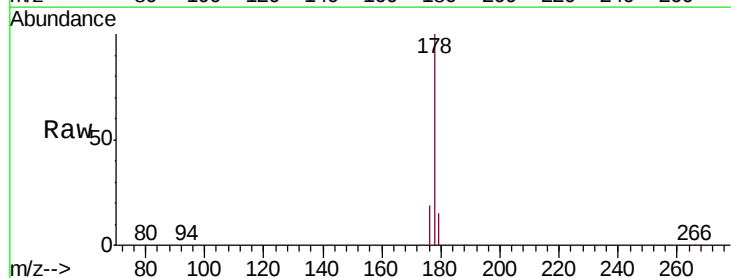
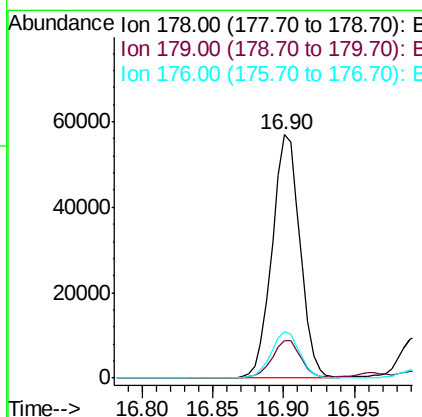
Manual Integrations
 APPROVED

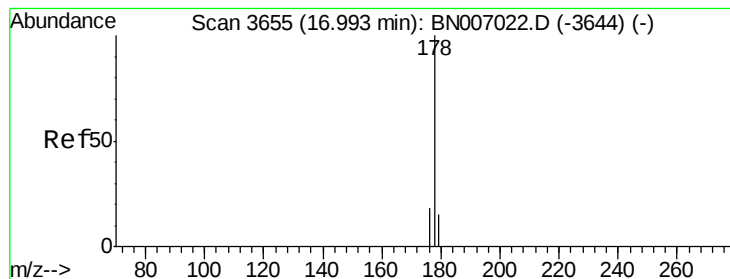
mohammad
 8/9/2019 6:17:12 AM



#12
Phenanthrene
 Concen: 0.450 ng/ul
 RT: 16.90 min Scan# 3633
 Delta R.T. -0.00 min
 Lab File: BN007028.D
 Acq: 08 Aug 2019 16:39

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.5	18.7
176	19.4	15.6	23.4





#13

Anthracene

Concen: 0.073 ng/ul

RT: 16.99 min Scan# 3655

Delta R.T. -0.00 min

Lab File: BN007028.D

Acq: 08 Aug 2019 16:39

Instrument :

BNA_N

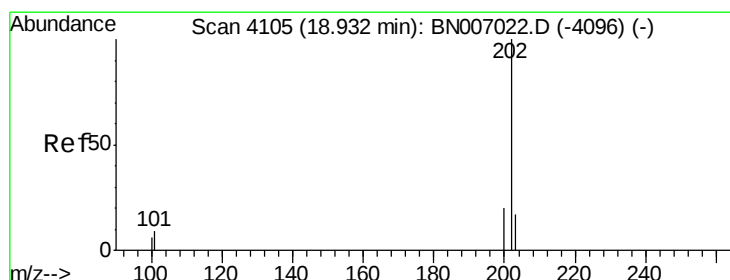
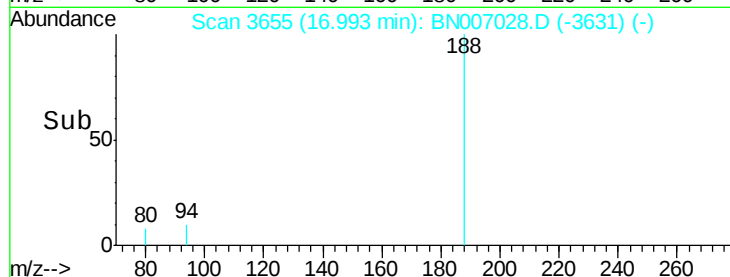
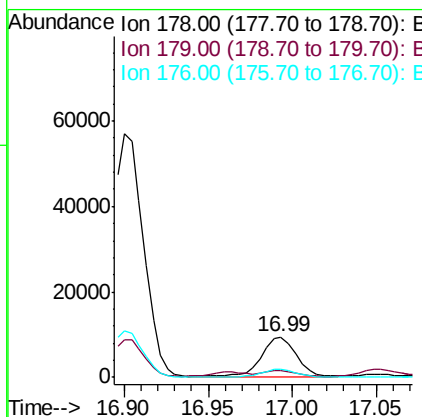
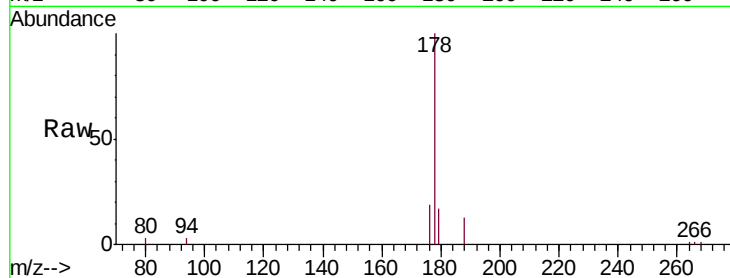
ClientSampleId :

BENZ5DL

Tgt Ion:	178	Resp:	12995
Ion Ratio	Lower	Upper	
178	100		
179	17.2	12.6	18.8
176	19.4	15.4	23.0

Manual Integrations
APPROVED

mohammad
8/9/2019 6:17:12 AM



#15

Fluoranthene

Concen: 1.131 ng/ul

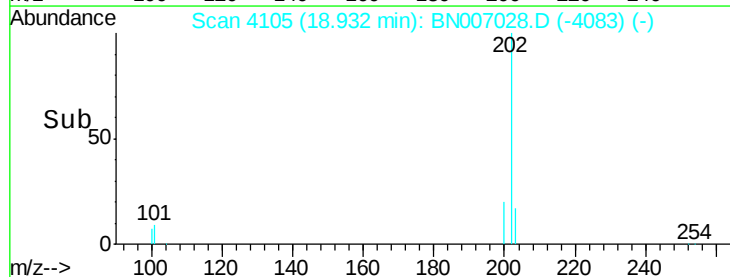
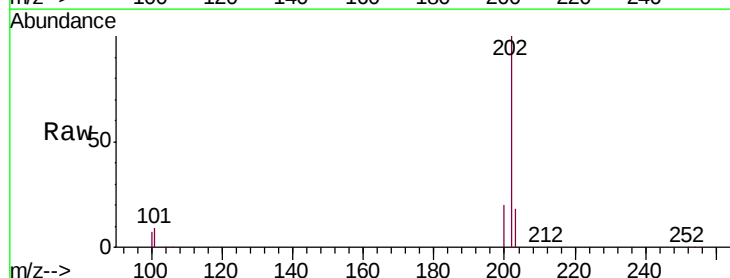
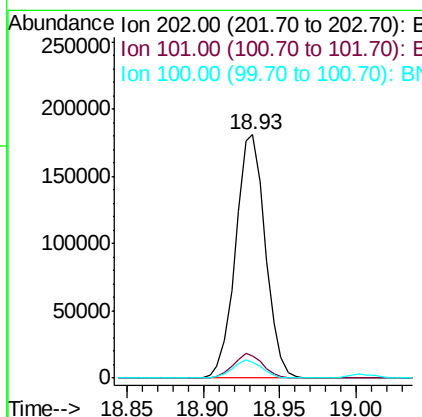
RT: 18.93 min Scan# 4105

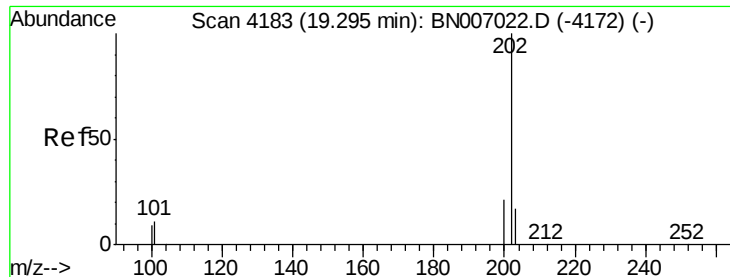
Delta R.T. -0.00 min

Lab File: BN007028.D

Acq: 08 Aug 2019 16:39

Tgt Ion:	202	Resp:	244827
Ion Ratio	Lower	Upper	
202	100		
101	9.3	0.0	30.0
100	6.7	0.0	27.7





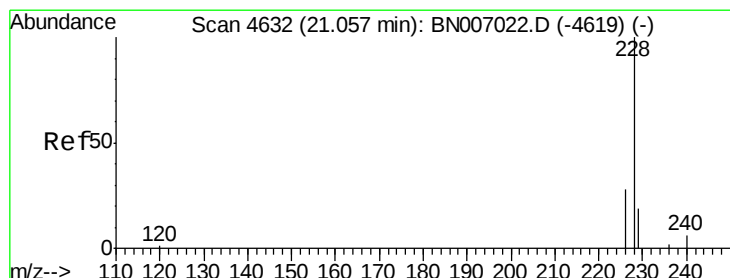
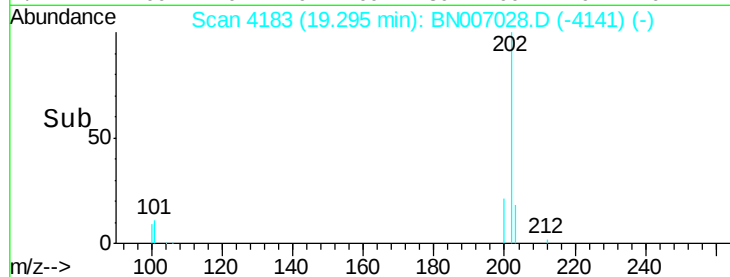
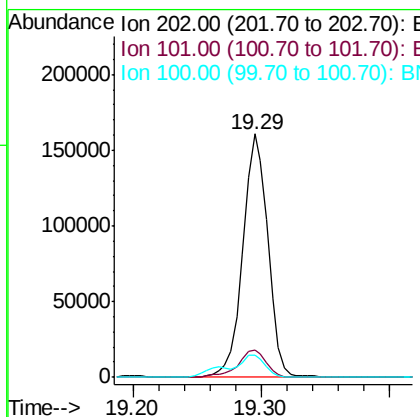
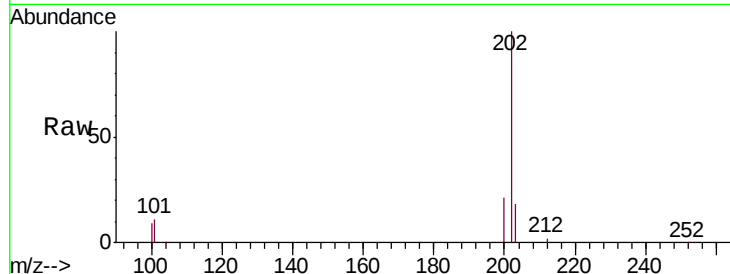
#17
Pyrene
Concen: 1.068 ng/ul
RT: 19.29 min Scan# 4183
Delta R.T. -0.00 min
Lab File: BN007028.D
Acq: 08 Aug 2019 16:39

Instrument :
BNA_N
ClientSampleId :
BENZ5DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	11.4	9.3	13.9
100	8.9	7.3	10.9

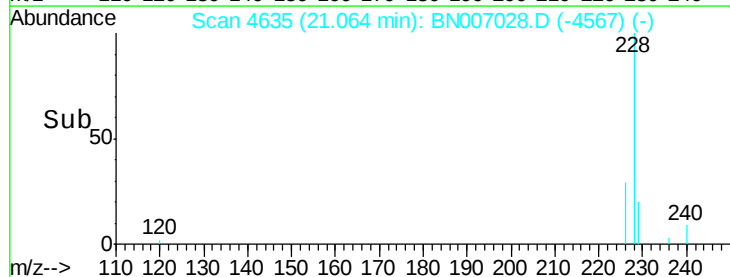
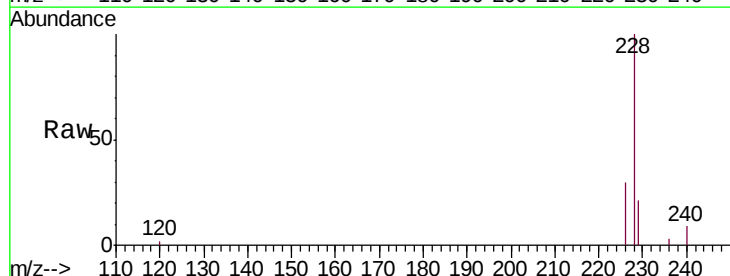
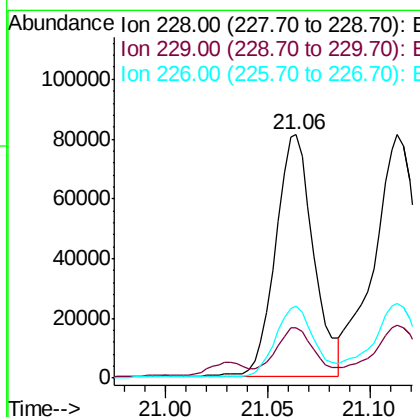
Manual Integrations
APPROVED

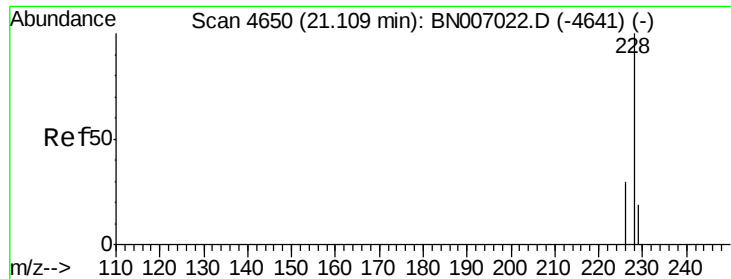
mohammad
8/9/2019 6:17:12 AM



#18
Benzo(a)anthracene
Concen: 0.530 ng/ul
RT: 21.06 min Scan# 4635
Delta R.T. -0.00 min
Lab File: BN007028.D
Acq: 08 Aug 2019 16:39

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.8	15.9	23.9
226	29.6	22.2	33.4





#19

Chrysene

Concen: 0.641 ng/ul

RT: 21.11 min Scan# 4652

Delta R.T. -0.00 min

Lab File: BN007028.D

Acq: 08 Aug 2019 16:39

Instrument :

BNA_N

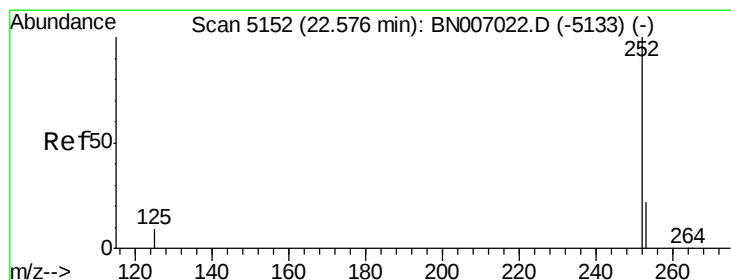
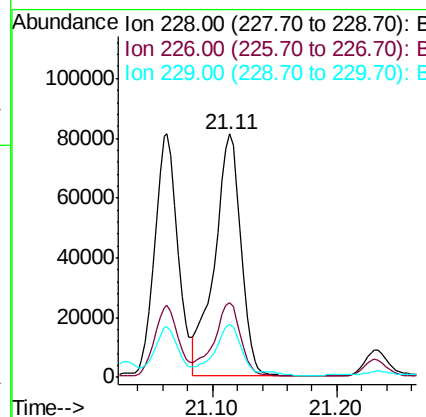
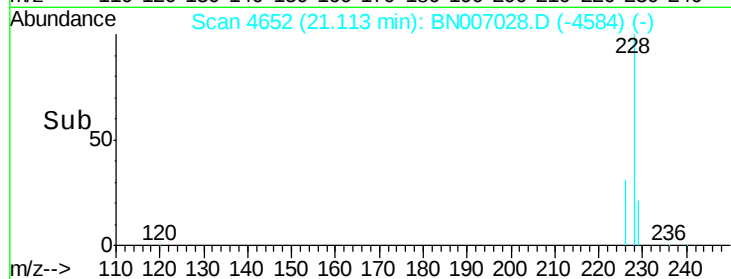
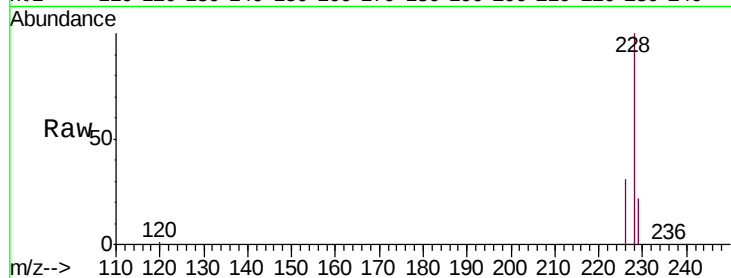
ClientSampleId :

BENZ5DL

Tgt	Ion:228	Resp:	119284
Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.7	37.1
229	21.9	15.5	23.3

Manual Integrations
APPROVED

mohammad
8/9/2019 6:17:12 AM



#21

Benzo(b)fluoranthene

Concen: 0.914 ng/ul m

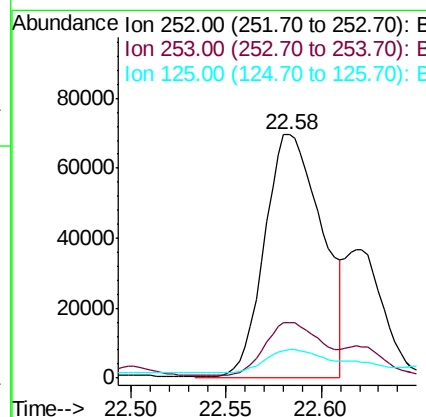
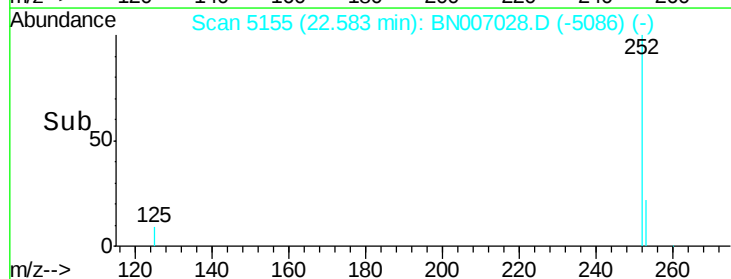
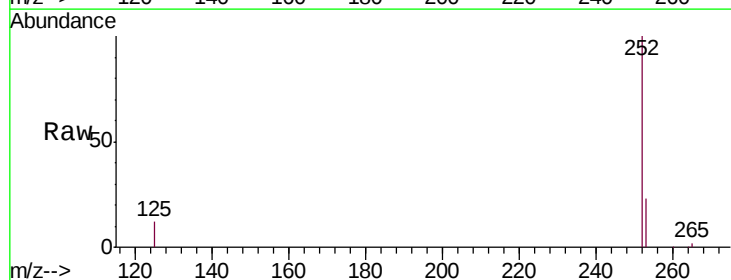
RT: 22.58 min Scan# 5155

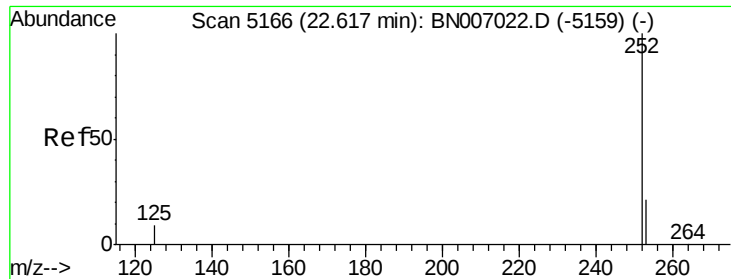
Delta R.T. 0.00 min

Lab File: BN007028.D

Acq: 08 Aug 2019 16:39

Tgt	Ion:252	Resp:	146099
Ion	Ratio	Lower	Upper
252	100		
253	22.8	0.0	45.2
125	11.6	0.0	22.2





#22

Benzo(k)fluoranthene

Concen: 0.342 ng/ul m

RT: 22.62 min Scan# 5168

Delta R.T. -0.00 min

Lab File: BN007028.D

Acq: 08 Aug 2019 16:39

Instrument :

BNA_N

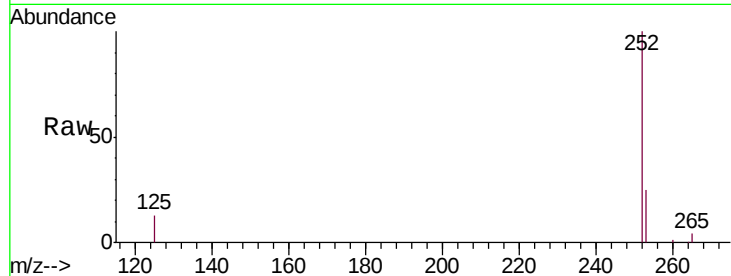
ClientSampleId :

BENZ5DL

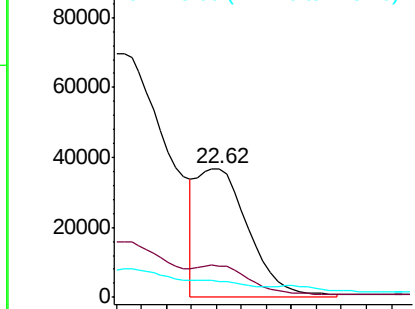
Tgt Ion:	252	Resp:	52949
Ion Ratio	Lower	Upper	
252	100		
253	24.6	18.6	28.0
125	12.8	8.7	13.1

Manual Integrations
APPROVED

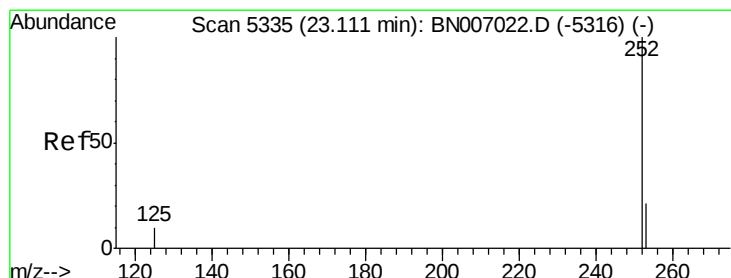
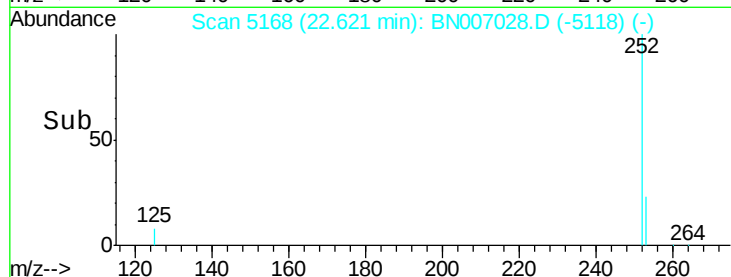
mohammad
8/9/2019 6:17:12 AM



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time-->



#23

Benzo(a)pyrene

Concen: 0.593 ng/ul

RT: 23.12 min Scan# 5337

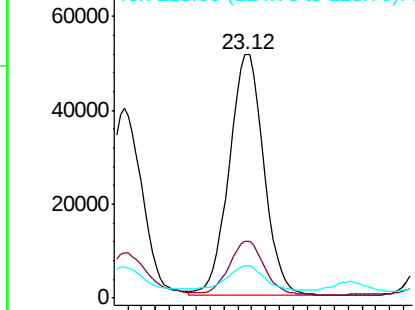
Delta R.T. -0.00 min

Lab File: BN007028.D

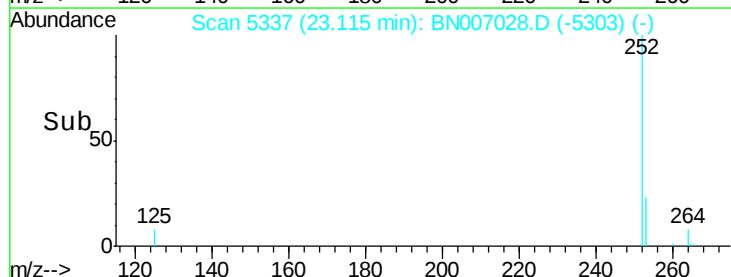
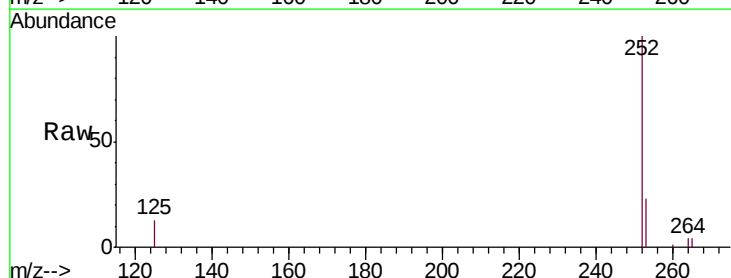
Acq: 08 Aug 2019 16:39

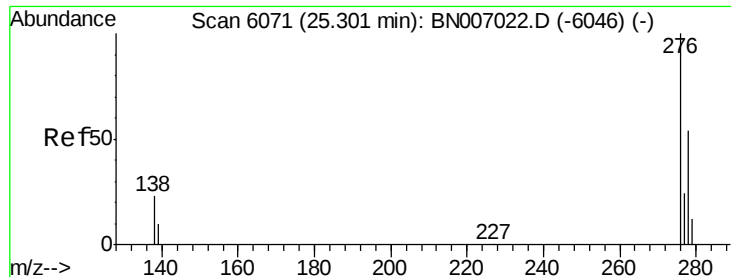
Tgt Ion:	252	Resp:	89204
Ion Ratio	Lower	Upper	
252	100		
253	23.2	18.0	27.0
125	13.4	10.0	15.0

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time-->





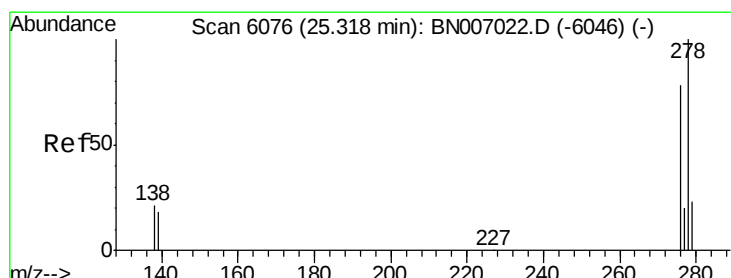
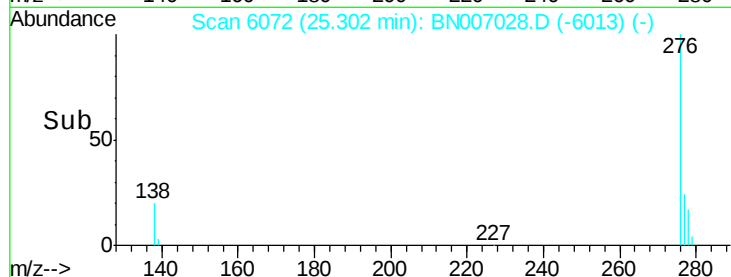
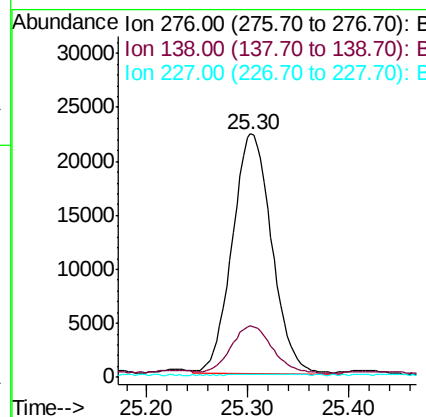
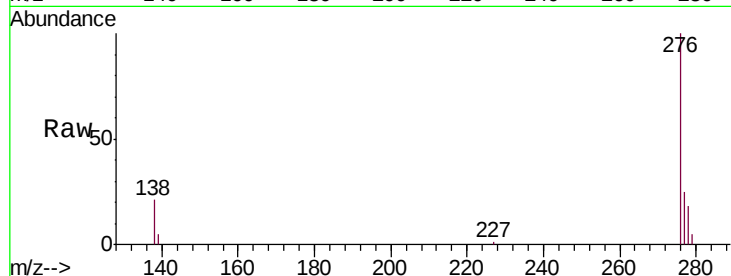
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.374 ng/u1
 RT: 25.30 min Scan# 6072
 Delta R.T. -0.00 min
 Lab File: BN007028.D
 Acq: 08 Aug 2019 16:39

Instrument :
 BNA_N
 ClientSampleId :
 BENZ5DL

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.4	19.9	29.9
227	0.1	0.2	0.4

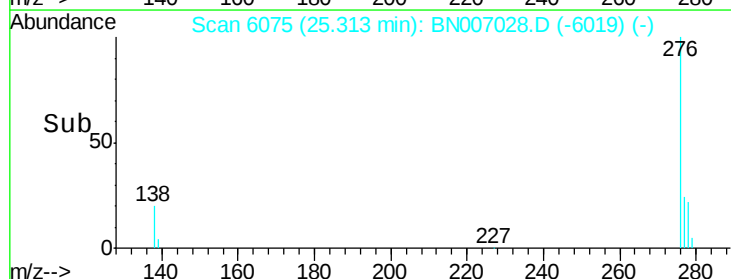
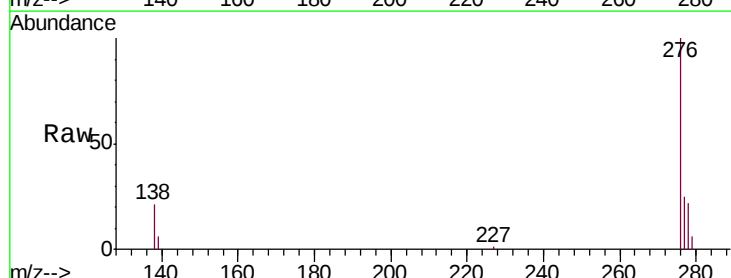
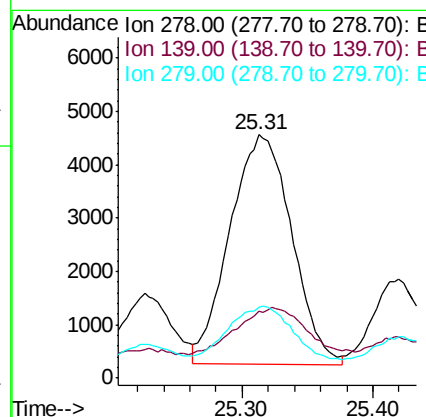
Manual Integrations
 APPROVED

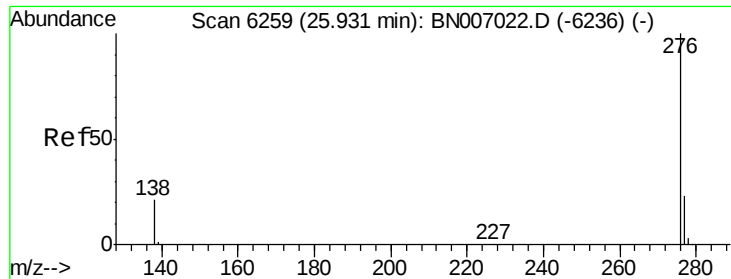
mohammad
 8/9/2019 6:17:12 AM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.109 ng/u1
 RT: 25.31 min Scan# 6075
 Delta R.T. -0.01 min
 Lab File: BN007028.D
 Acq: 08 Aug 2019 16:39

Tgt Ion	Ratio	Lower	Upper
278	100		
139	27.3	14.3	21.5
279	28.9	19.6	29.4





#26
 Benzo(g,h,i)perylene
 Concen: 0.433 ng/ul
 RT: 25.93 min Scan# 6260
 Delta R.T. -0.00 min
 Lab File: BN007028.D
 Acq: 08 Aug 2019 16:39

Instrument :
 BNA_N
 ClientSampleId :
 BENZ5DL

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.9	18.7	28.1
277	24.2	19.3	28.9

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:17:12 AM

