

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061119\
 Data File : BN006250.D
 Acq On : 11 Jun 2019 17:29
 Operator : JU/SJ
 Sample : K3083-16MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A51G0MS

Manual Integrations
 APPROVED

mohammad
 6/12/2019 8:18:52 AM

Quant Time: Jun 12 02:03:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jun 09 05:10:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	5499	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	21593	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	10994	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	20743	0.40	ng/ul	0.00
16) Chrysene-d12	21.27	240	14215	0.40	ng/ul	0.01
20) Perylene-d12	23.52	264	17541	0.40	ng/ul	0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	8017	0.24	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	13769	0.25	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.48	128	1761	0.030	ng/ul#	84
7) Acenaphthylene	14.01	152	4949	0.081	ng/ul#	93
8) Acenaphthene	14.36	153	16221	0.383	ng/ul	99
9) Fluorene	15.35	166	5676	0.114	ng/ul#	93
11) Pentachlorophenol	16.71	266	1156	0.219	ng/ul	99
12) Phenanthrene	17.09	178	159394	2.394	ng/ul	99
13) Anthracene	17.19	178	14450	0.227	ng/ul	98
15) Fluoranthene	19.12	202	471320	6.410	ng/ul	98
17) Pyrene	19.49	202	387515	5.175	ng/ul	100
18) Benzo(a)anthracene	21.26	228	140038	2.227	ng/ul	100
19) Chrysene	21.31	228	203507	3.448	ng/ul	98
21) Benzo(b)fluoranthene	22.85	252	291609m	3.987	ng/ul	
22) Benzo(k)fluoranthene	22.89	252	102190m	1.434	ng/ul	
23) Benzo(a)pyrene	23.42	252	171745	2.521	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	25.76	276	149933	2.033	ng/ul#	87
25) Dibenzo(a,h)anthracene	25.76	278	31586	0.536	ng/ul	99
26) Benzo(a,h,i)perylene	26.44	276	136513	2.211	ng/ul	95

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

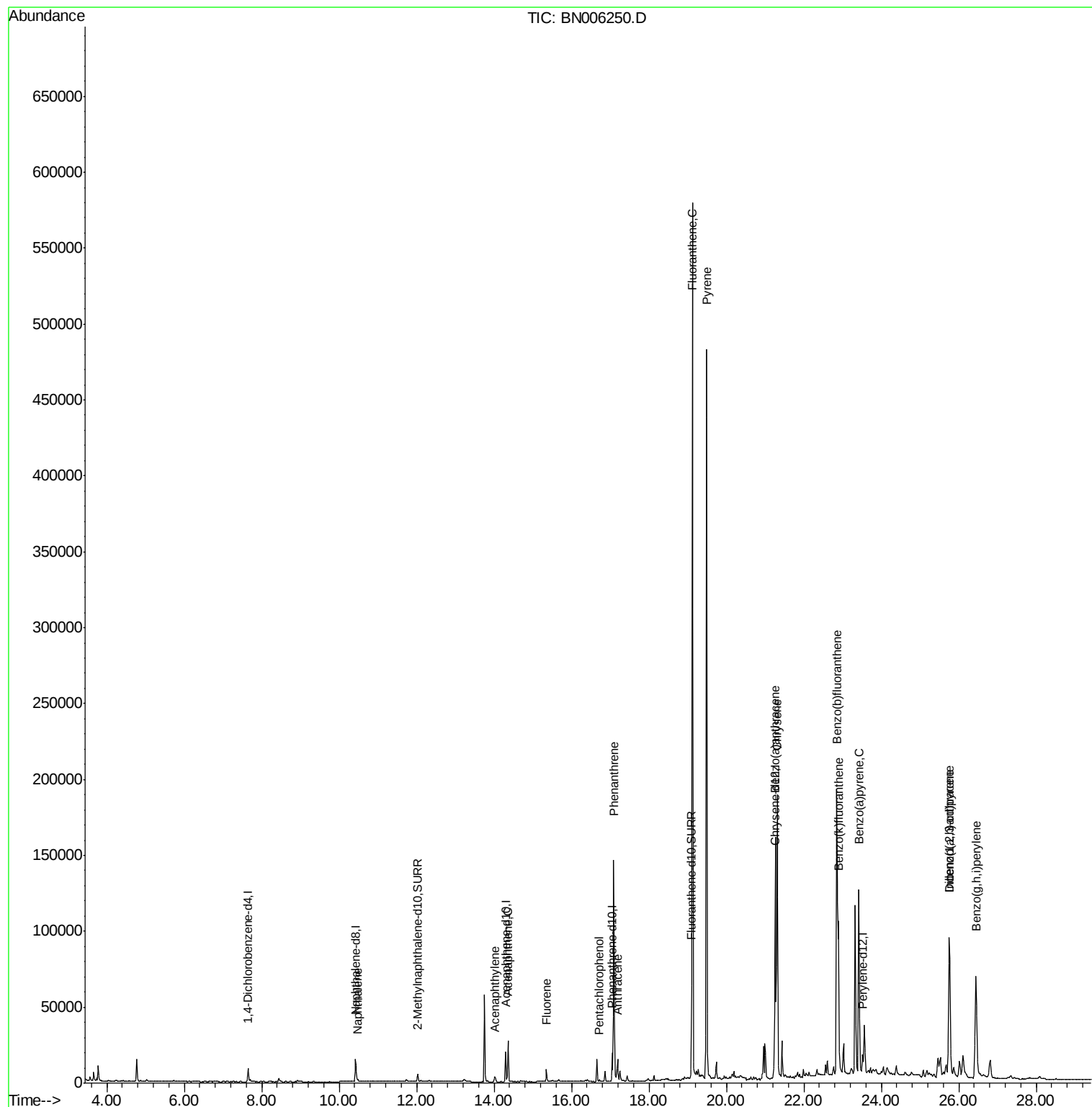
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061119\
Data File : BN006250.D
Acq On : 11 Jun 2019 17:29
Operator : JU/SJ
Sample : K3083-16MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

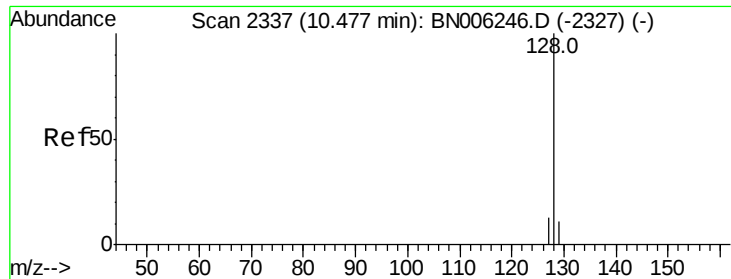
Instrument :
BNA_N
ClientSampleId :
A51G0MS

Manual Integrations
APPROVED

mohammad
6/12/2019 8:18:52 AM

Quant Time: Jun 12 02:03:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 05:10:30 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.030 ng/ul

RT: 10.48 min Scan# 2337

Delta R.T. 0.01 min

Lab File: BN006250.D

Acq: 11 Jun 2019 17:29

Instrument :

BNA_N

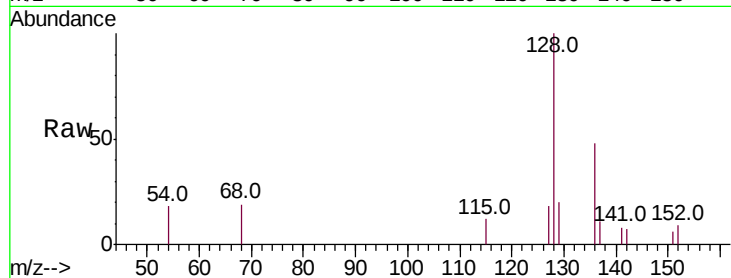
ClientSampleId :

A51G0MS

Tot Ion:	128	Resp:	1761
Ion Ratio	Lower	Upper	
128	100		
129	19.8	9.3	13.9#
127	18.0	10.7	16.1#

Manual Integrations
APPROVED

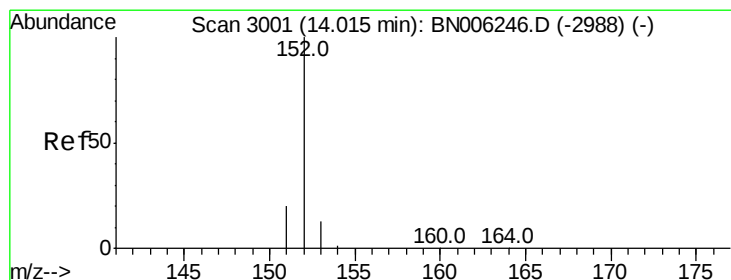
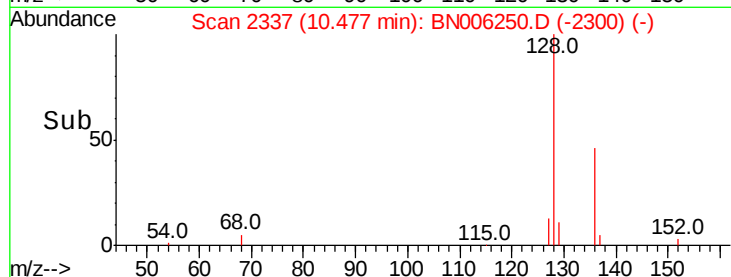
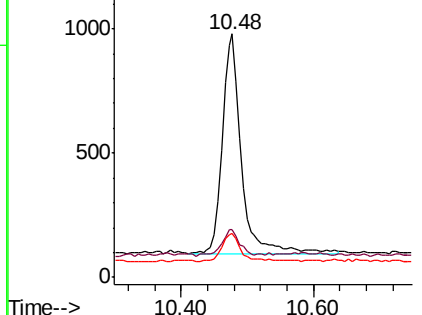
mohammad
6/12/2019 8:18:52 AM



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#7

Acenaphthylene

Concen: 0.081 ng/ul

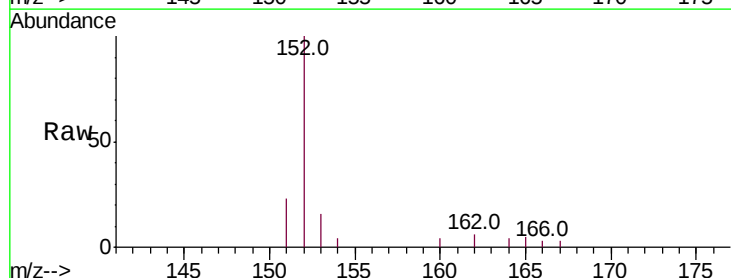
RT: 14.01 min Scan# 3001

Delta R.T. 0.00 min

Lab File: BN006250.D

Acq: 11 Jun 2019 17:29

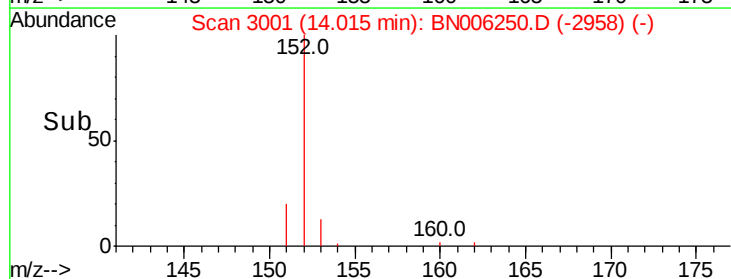
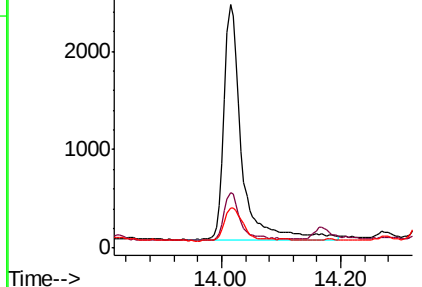
Tgt Ion:	152	Resp:	4949
Ion Ratio	Lower	Upper	
152	100		
151	23.0	15.8	23.8
153	16.4	10.8	16.2#

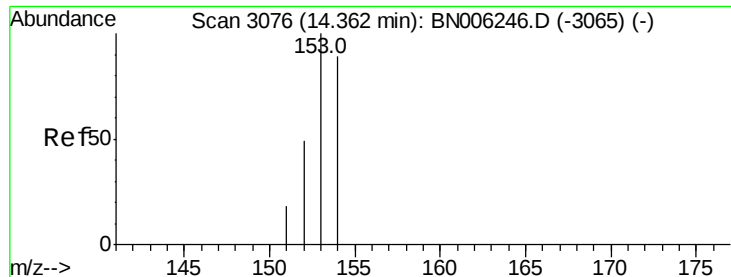


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#8

Acenaphthene

Concen: 0.383 ng/ul

RT: 14.36 min Scan# 3075

Delta R.T. -0.00 min

Lab File: BN006250.D

Acq: 11 Jun 2019 17:29

Instrument :

BNA_N

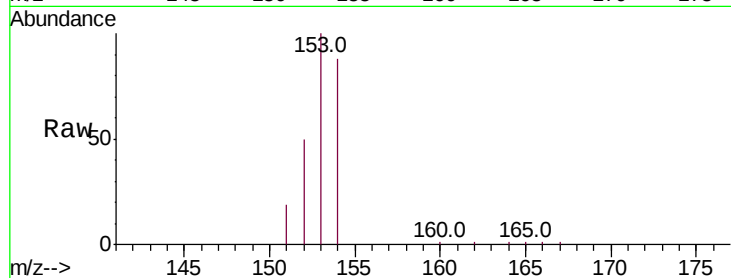
ClientSampleId :

A51G0MS

Tot Ion:	153	Resp:	16221
Ion Ratio	Lower	Upper	
153	100		
152	49.8	39.1	58.7
154	88.0	71.1	106.7

Manual Integrations
APPROVED

mohammad
6/12/2019 8:18:52 AM

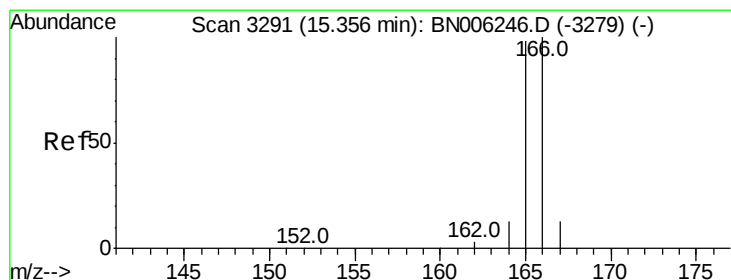
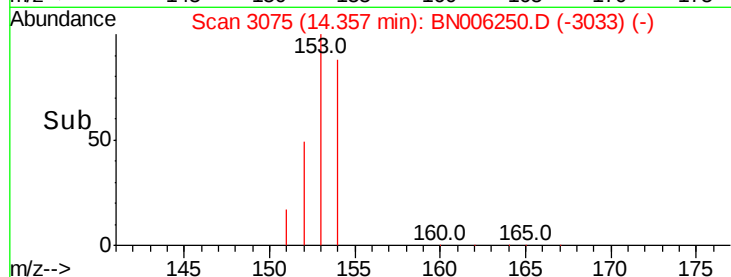
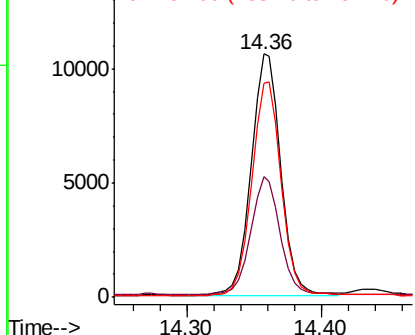


Abundance

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#9

Fluorene

Concen: 0.114 ng/ul

RT: 15.35 min Scan# 3290

Delta R.T. 0.00 min

Lab File: BN006250.D

Acq: 11 Jun 2019 17:29

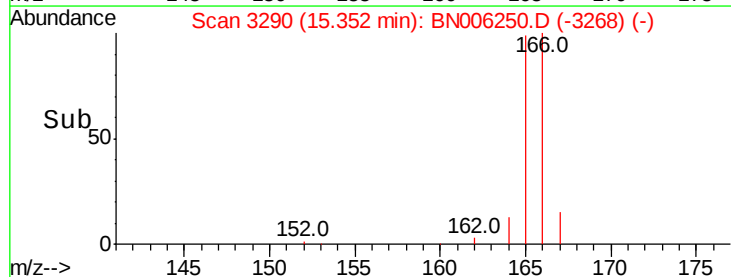
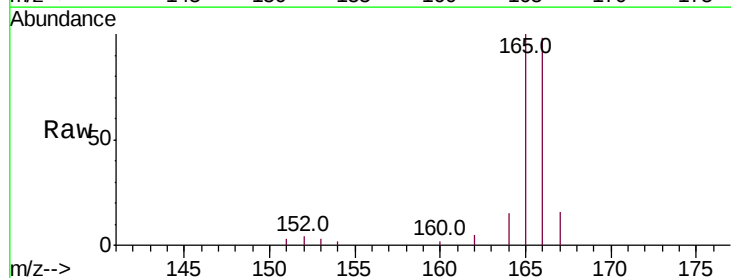
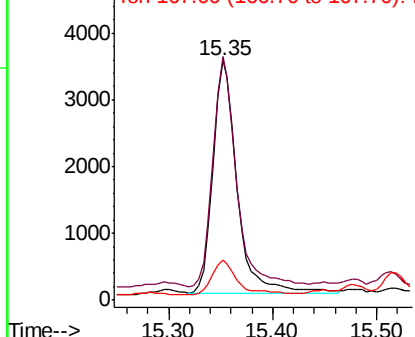
Tgt Ion:	166	Resp:	5676
Ion Ratio	Lower	Upper	
166	100		
165	101.8	76.4	114.6
167	16.7	11.0	16.6#

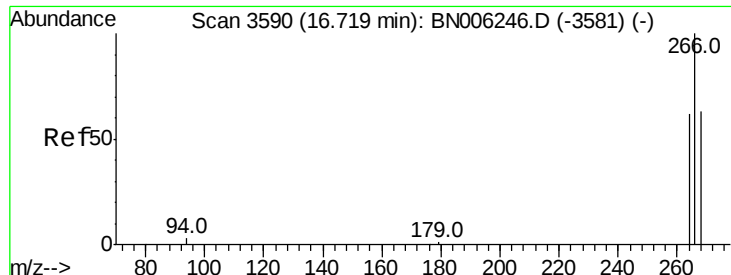
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





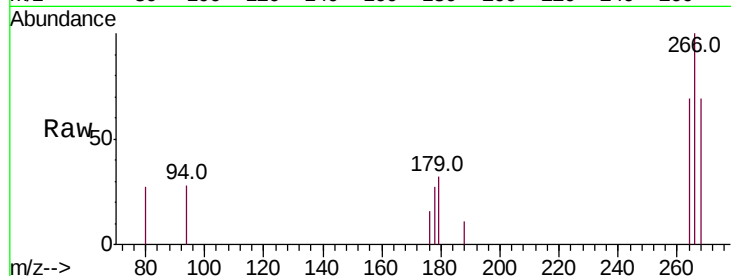
#11
 Pentachlorophenol
 Concen: 0.219 ng/ul
 RT: 16.71 min Scan# 3589
 Delta R.T. 0.00 min
 Lab File: BN006250.D
 Acq: 11 Jun 2019 17:29

Instrument :
 BNA_N
 ClientSampleId :
 A51G0MS

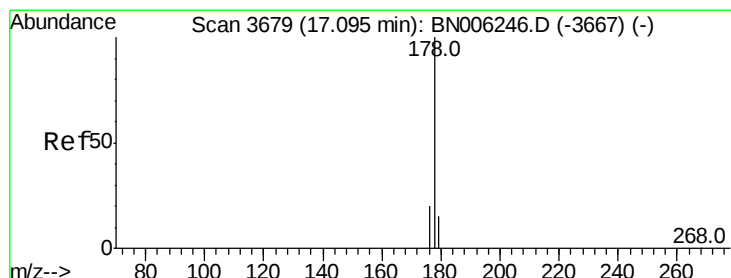
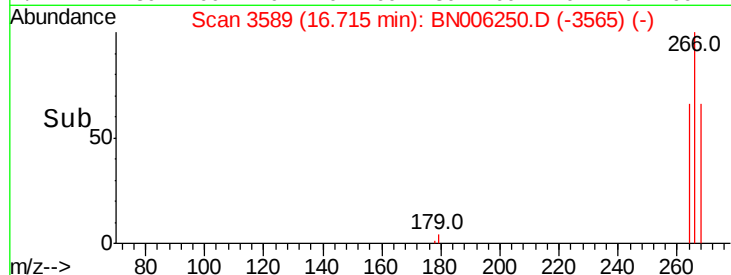
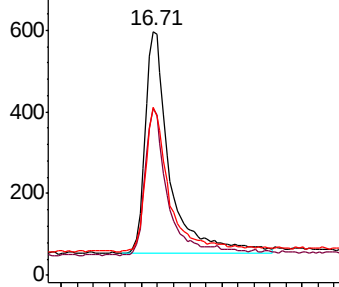
Tot Ion:	266	Resp:	1156
Ion Ratio	Lower	Upper	
266	100		
264	63.8	50.3	75.5
268	65.1	51.3	76.9

Manual Integrations
 APPROVED

mohammad
 6/12/2019 8:18:52 AM

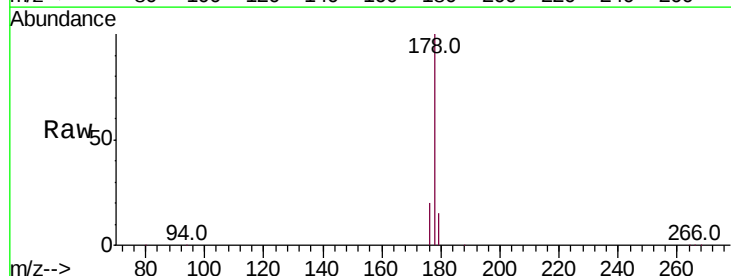


Abundance Ion 266.00 (265.70 to 266.70): E
 800 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

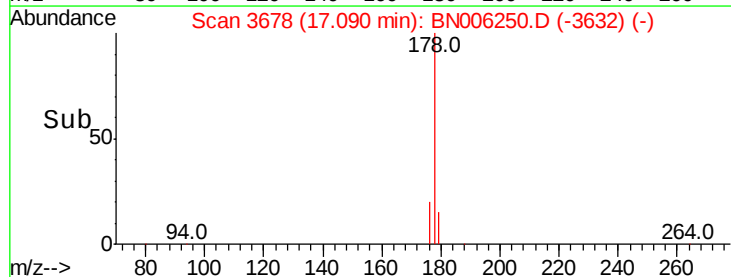
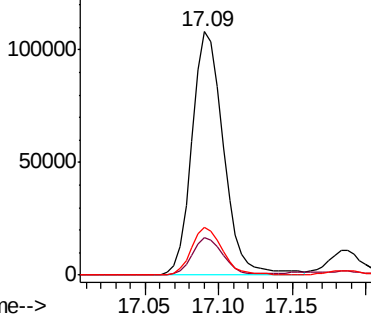


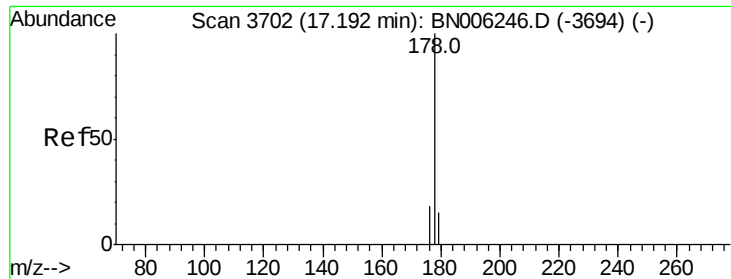
#12
 Phenanthrene
 Concen: 2.394 ng/ul
 RT: 17.09 min Scan# 3678
 Delta R.T. -0.00 min
 Lab File: BN006250.D
 Acq: 11 Jun 2019 17:29

Tgt Ion:	178	Resp:	159394
Ion Ratio	Lower	Upper	
178	100		
179	15.3	12.3	18.5
176	19.6	15.3	22.9



Abundance Ion 178.00 (177.70 to 178.70): E
 150000 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E





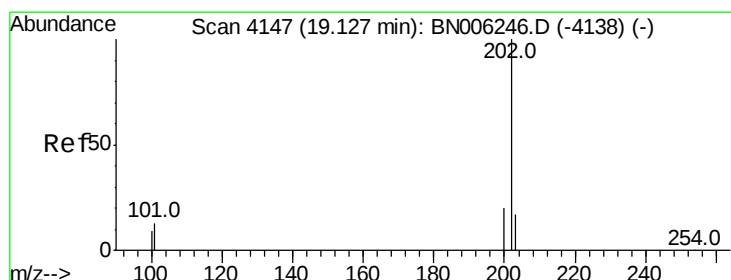
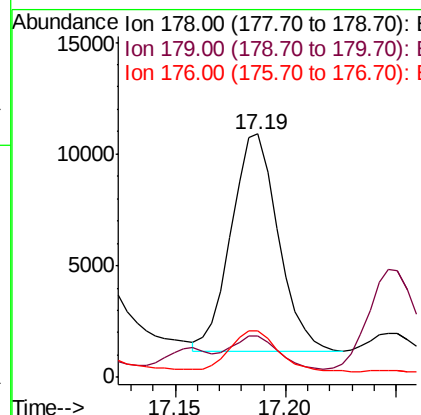
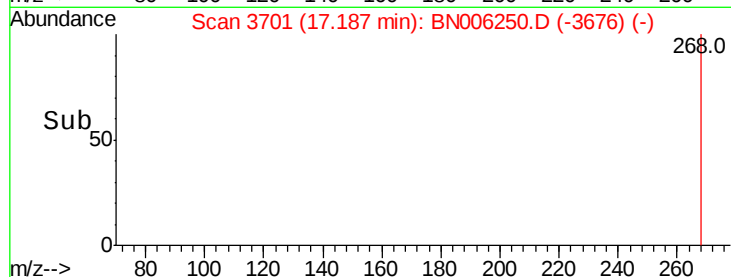
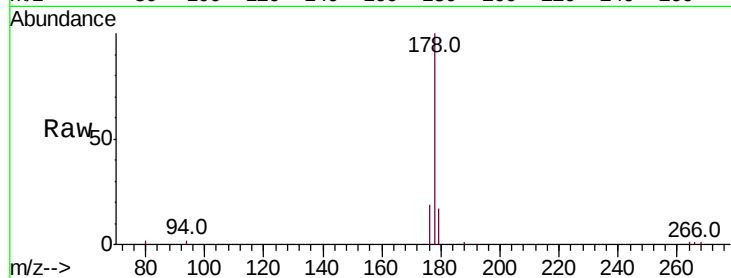
#13
 Anthracene
 Concen: 0.227 ng/ul
 RT: 17.19 min Scan# 3701
 Delta R.T. 0.00 min
 Lab File: BN006250.D
 Acq: 11 Jun 2019 17:29

Instrument :
 BNA_N
 ClientSampleId :
 A51G0MS

Tot Ion	Ratio	Lower	Upper
178	100		
179	17.2	12.2	18.4
176	19.2	15.1	22.7

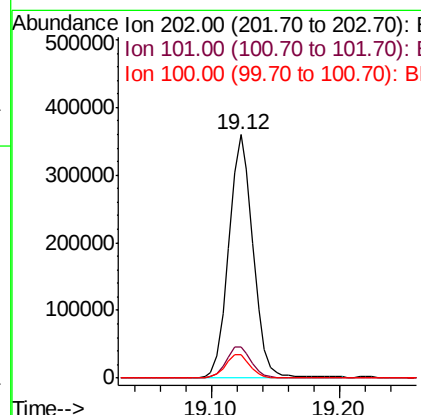
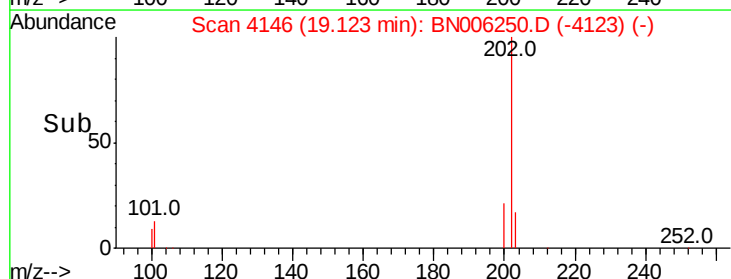
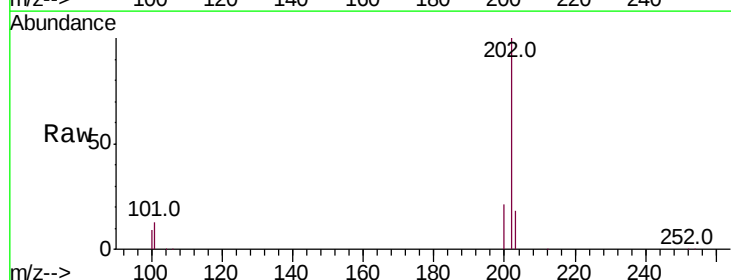
Manual Integrations
 APPROVED

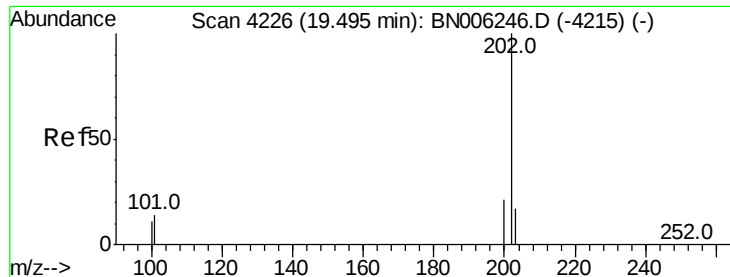
mohammad
 6/12/2019 8:18:52 AM



#15
 Fluoranthene
 Concen: 6.410 ng/ul
 RT: 19.12 min Scan# 4146
 Delta R.T. 0.00 min
 Lab File: BN006250.D
 Acq: 11 Jun 2019 17:29

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	32.1
100	9.5	0.0	28.7





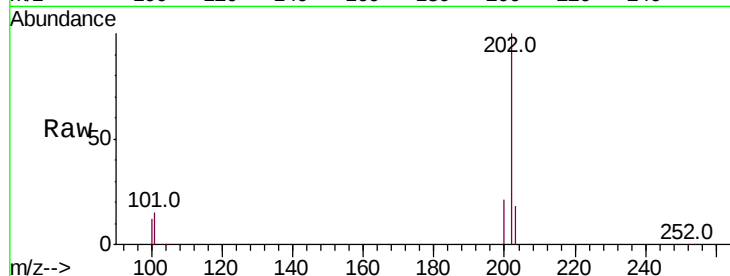
#17
Pvrene
Concen: 5.175 ng/ul
RT: 19.49 min Scan# 4225
Delta R.T. 0.00 min
Lab File: BN006250.D
Acq: 11 Jun 2019 17:29

Instrument :
BNA_N
ClientSampleId :
A51G0MS

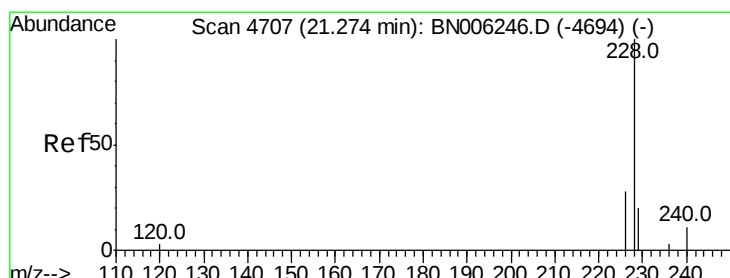
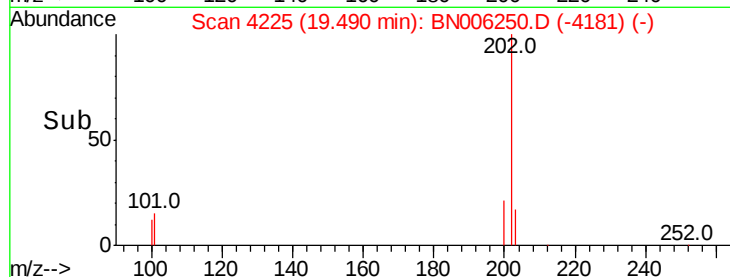
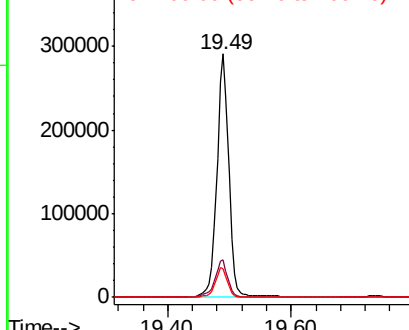
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	15.3	12.2	18.2
100	11.8	9.8	14.6

Manual Integrations
APPROVED

mohammad
6/12/2019 8:18:52 AM



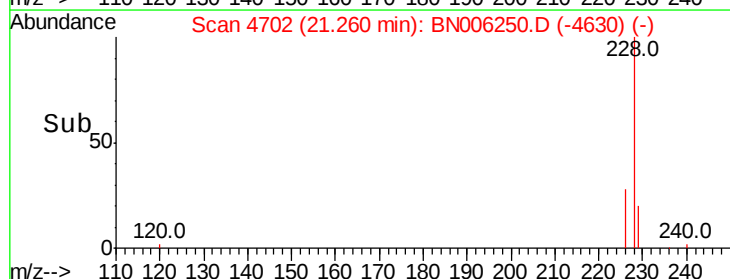
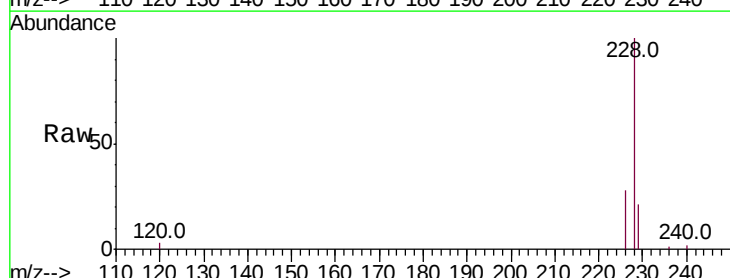
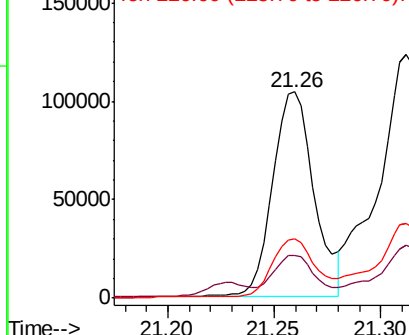
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

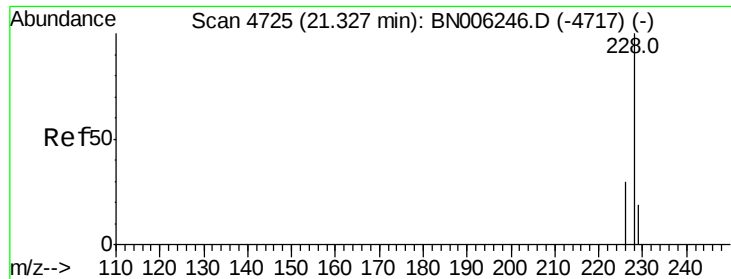


#18
Benzo(a)anthracene
Concen: 2.227 ng/ul
RT: 21.26 min Scan# 4702
Delta R.T. 0.01 min
Lab File: BN006250.D
Acq: 11 Jun 2019 17:29

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.9	16.5	24.7
226	28.5	22.8	34.2

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 3.448 ng/ul

RT: 21.31 min Scan# 4720

Delta R.T. 0.01 min

Lab File: BN006250.D

Acq: 11 Jun 2019 17:29

Instrument :

BNA_N

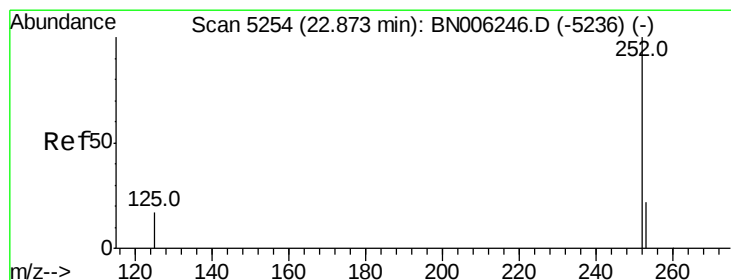
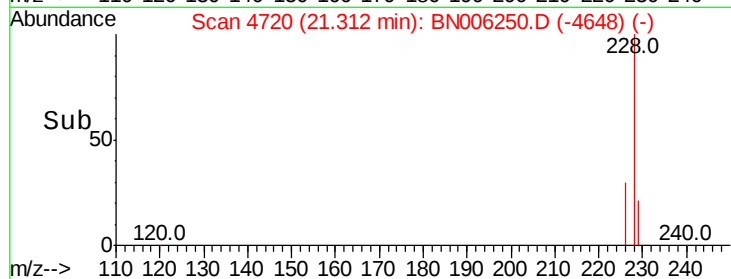
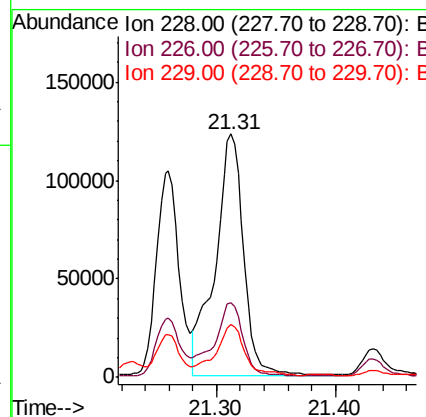
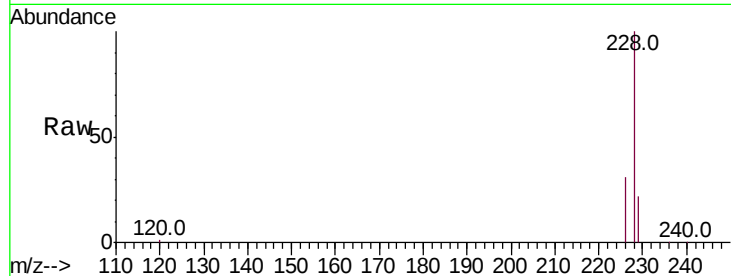
ClientSampleId :

A51G0MS

Tot Ion:	228	Resp:	203507
Ion Ratio	Lower	Upper	
228	100		
226	30.5	25.0	37.6
229	21.6	16.3	24.5

Manual Integrations
APPROVED

mohammad
6/12/2019 8:18:52 AM



#21

Benzo(b)fluoranthene

Concen: 3.987 ng/ul m

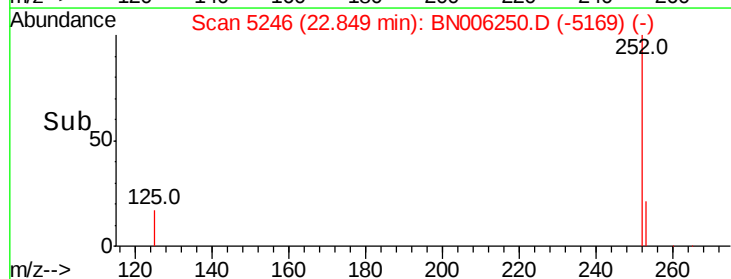
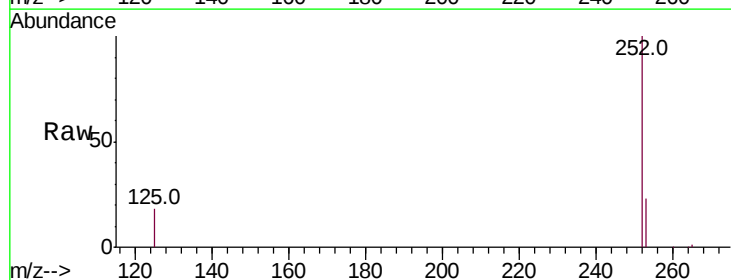
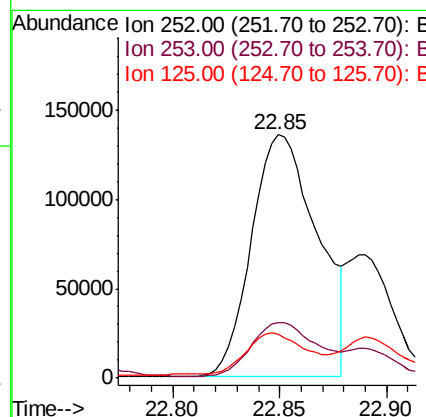
RT: 22.85 min Scan# 5246

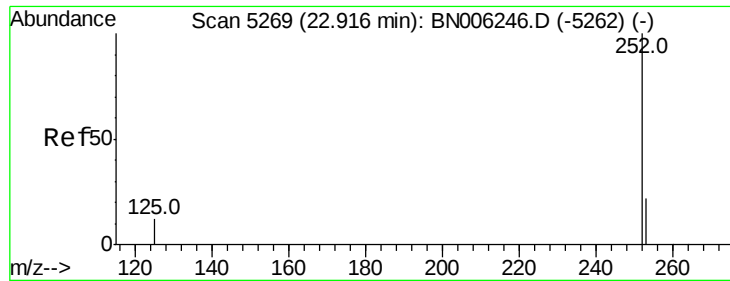
Delta R.T. 0.03 min

Lab File: BN006250.D

Acq: 11 Jun 2019 17:29

Tgt Ion:	252	Resp:	291609
Ion Ratio	Lower	Upper	
252	100		
253	23.0	0.0	51.4
125	17.8	0.0	41.0





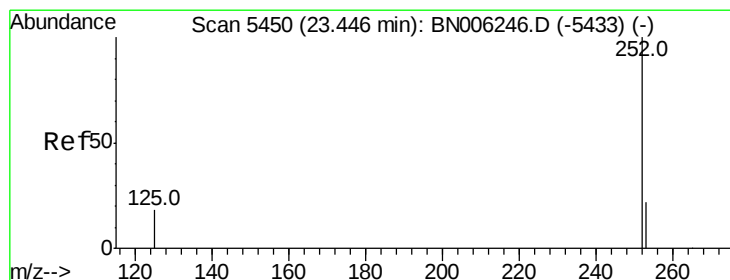
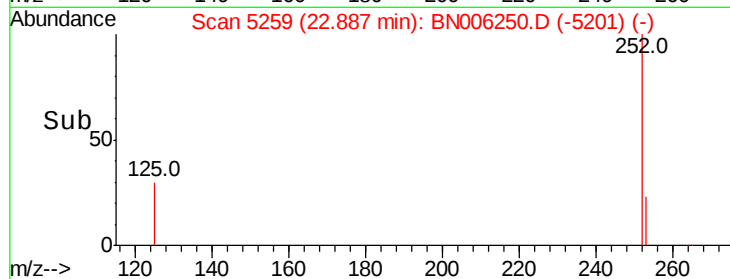
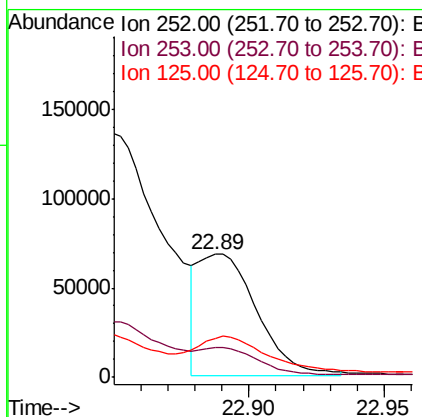
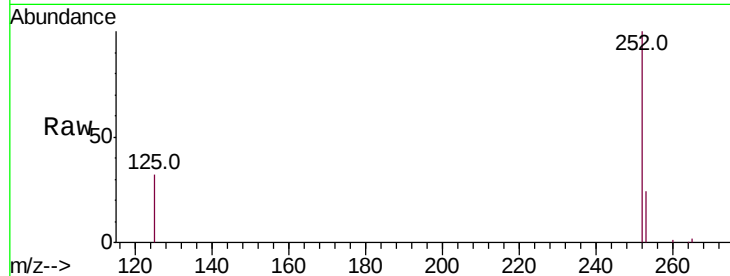
#22
Benzo(k)fluoranthene
Concen: 1.434 ng/ul m
RT: 22.89 min Scan# 5259
Delta R.T. 0.02 min
Lab File: BN006250.D
Acq: 11 Jun 2019 17:29

Instrument :
BNA_N
ClientSampleId :
A51G0MS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	24.0	20.3	30.5
125	31.9	14.3	21.5#

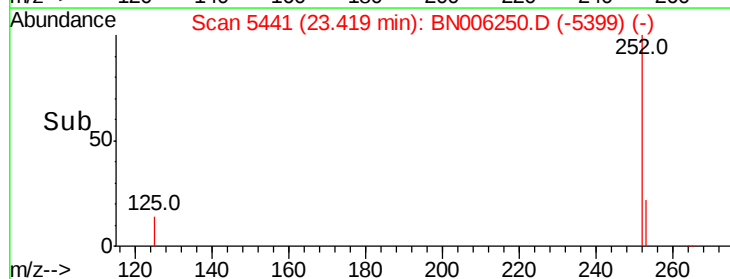
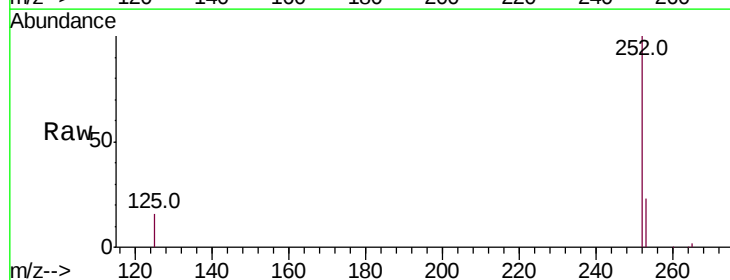
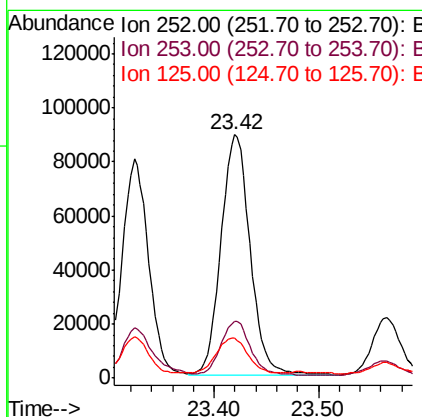
Manual Integrations
APPROVED

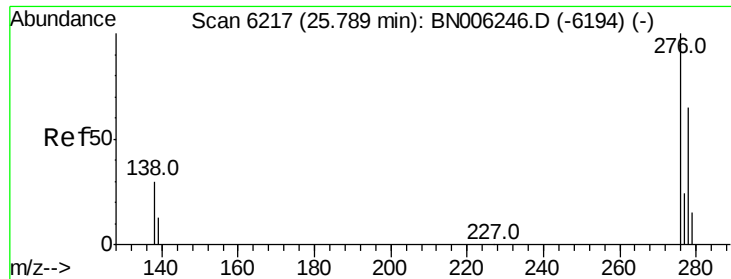
mohammad
6/12/2019 8:18:52 AM



#23
Benzo(a)pyrene
Concen: 2.521 ng/ul
RT: 23.42 min Scan# 5441
Delta R.T. 0.02 min
Lab File: BN006250.D
Acq: 11 Jun 2019 17:29

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	23.1	21.1	31.7
125	16.4	20.3	30.5#





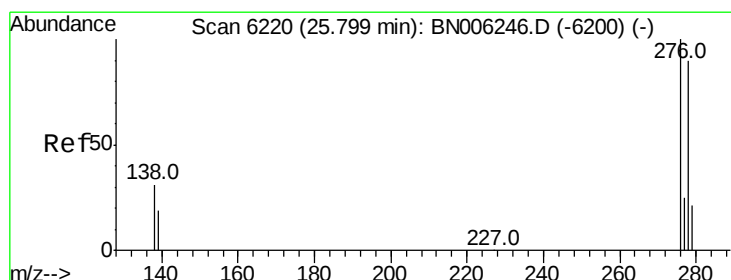
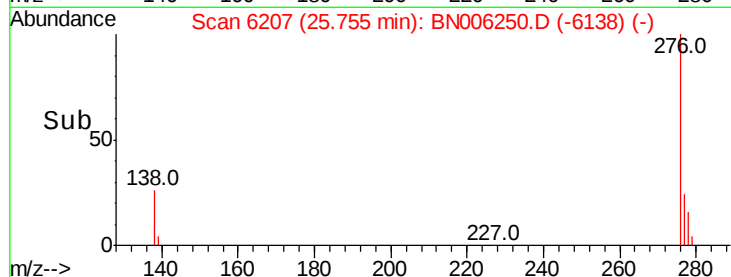
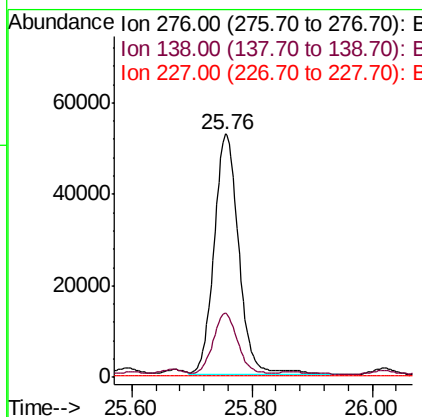
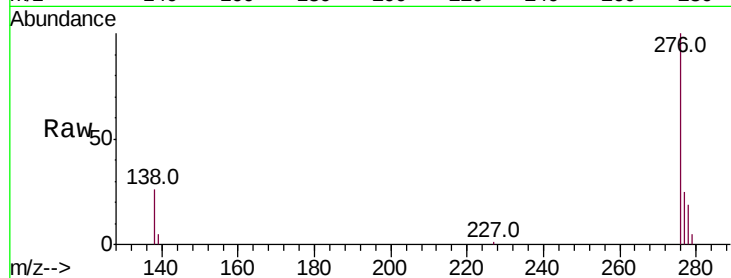
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 2.033 ng/uL
 RT: 25.76 min Scan# 6207
 Delta R.T. 0.03 min
 Lab File: BN006250.D
 Acq: 11 Jun 2019 17:29

Instrument :
 BNA_N
 ClientSampleId :
 A51G0MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.9	25.6	38.4#
227	0.2	0.3	0.5#

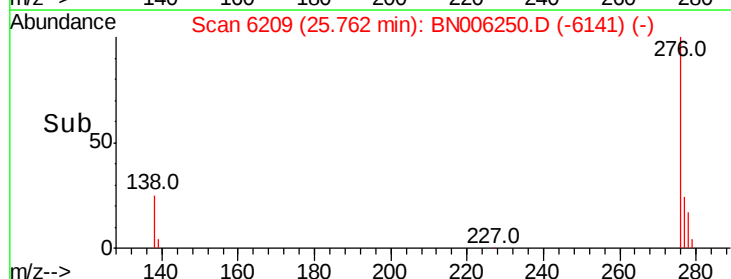
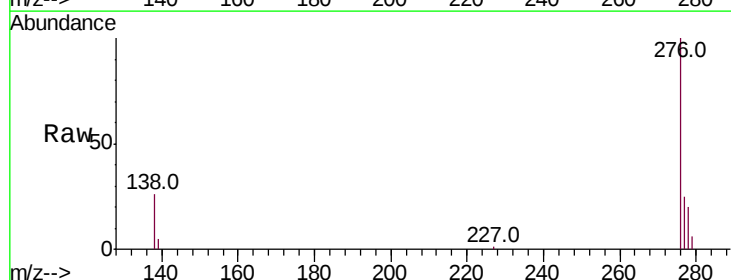
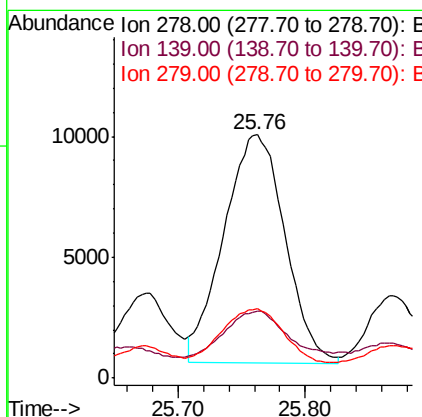
Manual Integrations
 APPROVED

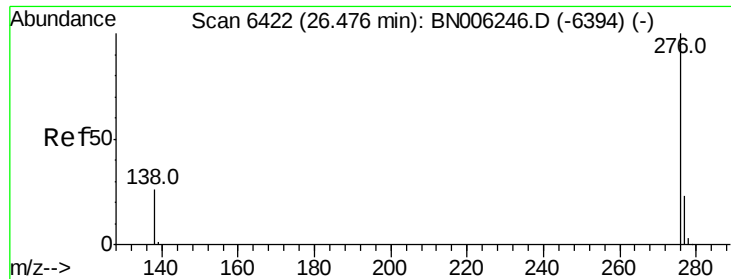
mohammad
 6/12/2019 8:18:52 AM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.536 ng/uL
 RT: 25.76 min Scan# 6209
 Delta R.T. 0.03 min
 Lab File: BN006250.D
 Acq: 11 Jun 2019 17:29

Tgt Ion	Ratio	Lower	Upper
278	100		
139	27.6	21.2	31.8
279	28.3	22.6	33.8





#26

Benzo(a,h,i)perylene

Concen: 2.211 ng/ul

RT: 26.44 min Scan# 6412

Delta R.T. 0.04 min

Lab File: BN006250.D

Acq: 11 Jun 2019 17:29

Instrument :

BNA_N

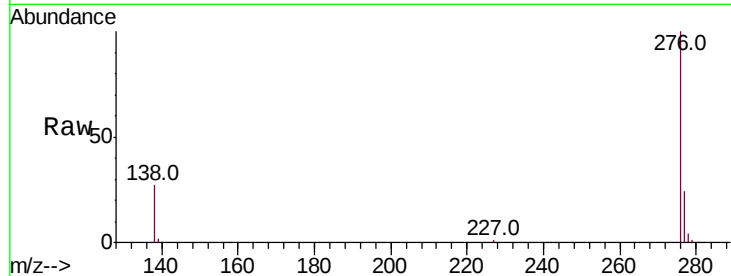
ClientSampleId :

A51G0MS

Tot Ion:	276	Resp:	136513
Ion Ratio	Lower	Upper	
276	100		
138	27.5	24.2	36.4
277	24.3	21.5	32.3

Manual Integrations
APPROVED

mohammad
6/12/2019 8:18:52 AM



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

