

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120219\
 Data File : BN008817.D
 Acq On : 02 Dec 2019 16:42
 Operator : JU
 Sample : K5851-07DL 10X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AA5DL

Manual Integrations
 APPROVED

mohammad
 12/3/2019 2:38:54 PM

Quant Time: Dec 02 17:54:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 02 12:46:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	5092	0.40	ng/ul	0.00
2) Naphthalene-d8	10.35	136	21274	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.21	164	11919	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.96	188	24193	0.40	ng/ul	0.00
16) Chrysene-d12	21.16	240	19037	0.40	ng/ul	0.00
20) Perylene-d12	23.32	264	16674	0.40	ng/ul	0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.94	152	680	0.02	ng/ul	0.00
14) Fluoranthene-d10	18.99	212	1617	0.02	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	13.93	152	2968	0.045	ng/ul#	94
9) Fluorene	15.26	166	2237	0.039	ng/ul#	94
12) Phenanthrene	17.00	178	36161	0.443	ng/ul	100
13) Anthracene	17.09	178	7724	0.100	ng/ul	97
15) Fluoranthene	19.02	202	70681	0.705	ng/ul	99
17) Pyrene	19.39	202	55227	0.723	ng/ul	99
18) Benzo(a)anthracene	21.15	228	25558	0.334	ng/ul	94
19) Chrysene	21.20	228	27201m	0.362	ng/ul	
21) Benzo(b)fluoranthene	22.69	252	26330m	0.383	ng/ul	
22) Benzo(k)fluoranthene	22.72	252	9724m	0.143	ng/ul	
23) Benzo(a)pyrene	23.23	252	17052	0.264	ng/ul#	82
24) Indeno(1,2,3-cd)pyrene	25.45	276	9408	0.125	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.46	278	2531	0.042	ng/ul#	5
26) Benzo(g,h,i)perylene	26.10	276	9111	0.144	ng/ul#	84

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

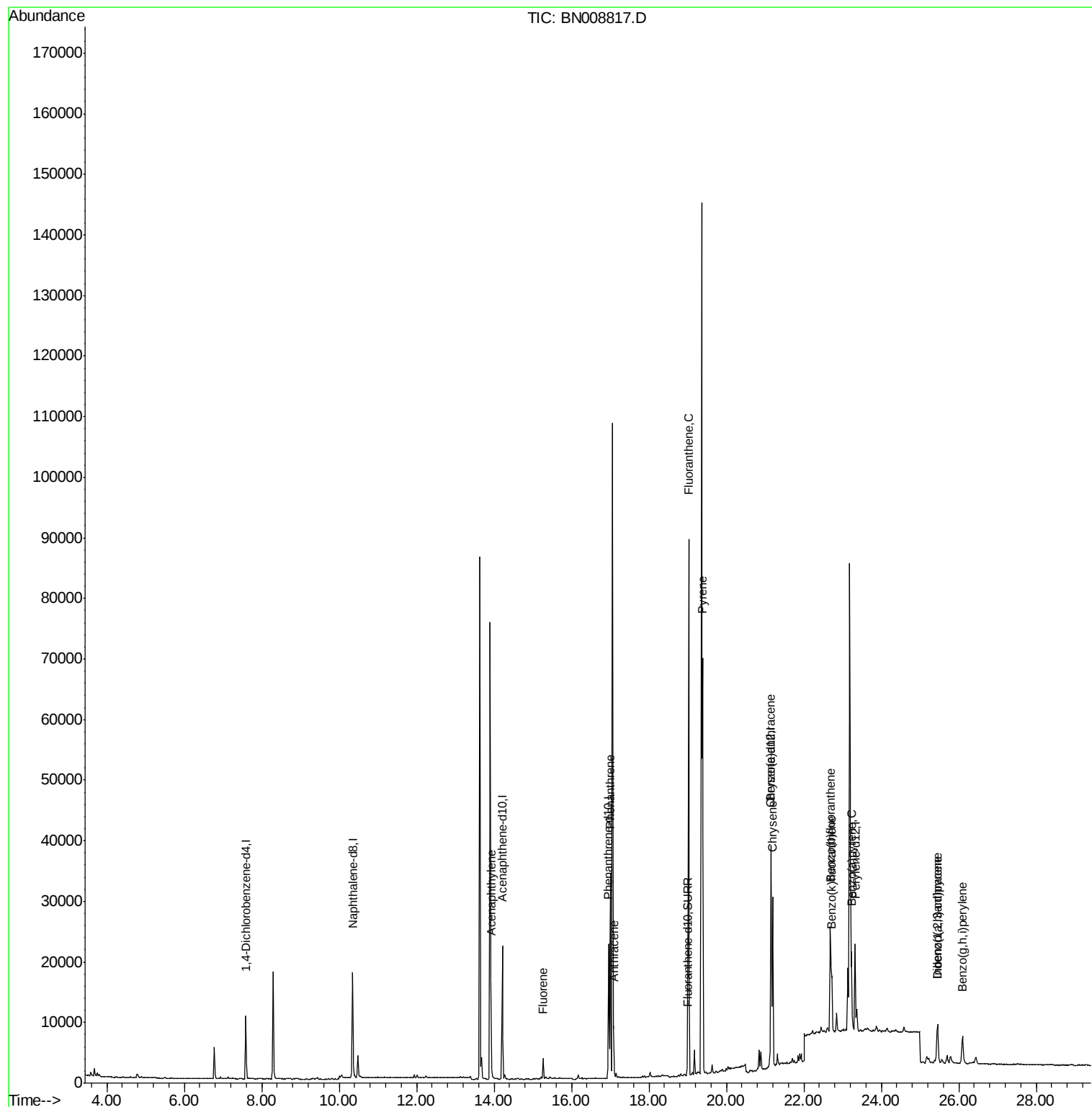
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120219\
Data File : BN008817.D
Acq On : 02 Dec 2019 16:42
Operator : JU
Sample : K5851-07DL 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

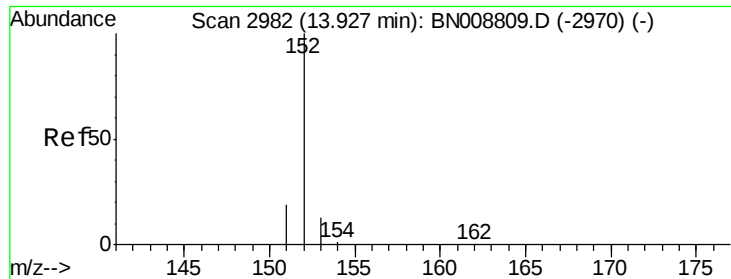
Instrument :
BNA_N
ClientSampleId :
C0AA5DL

Manual Integrations
APPROVED

mohammad
12/3/2019 2:38:54 PM

Quant Time: Dec 02 17:54:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN11519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 02 12:46:36 2019
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.045 ng/ul

RT: 13.93 min Scan# 2982

Delta R.T. 0.00 min

Lab File: BN008817.D

Acq: 02 Dec 2019 16:42

Instrument :

BNA_N

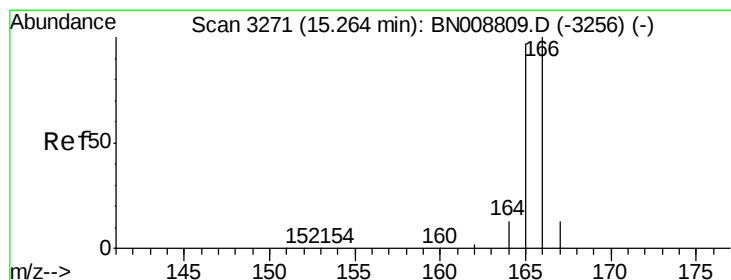
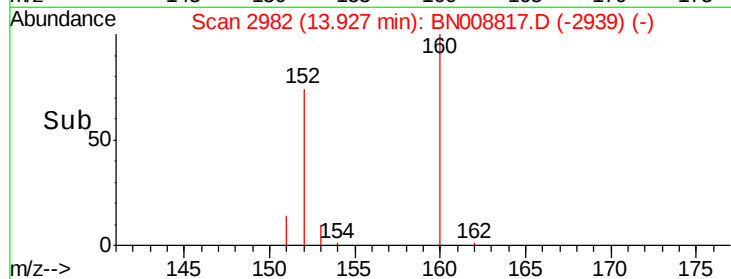
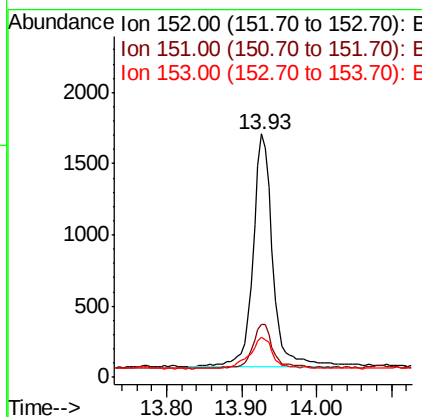
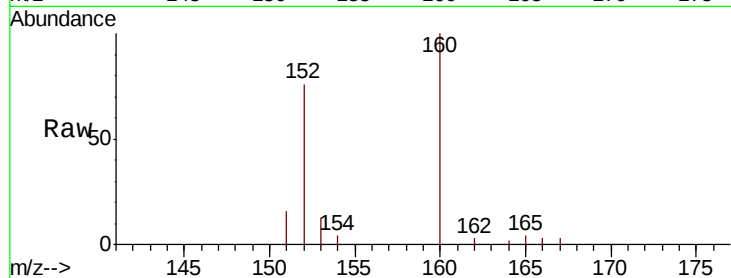
ClientSampleId :

C0AA5DL

Tot Ion:	152	Resp:	2968
Ion Ratio	Lower	Upper	
152	100		
151	21.7	15.8	23.6
153	16.7	10.6	15.8#

Manual Integrations
APPROVED

mohammad
12/3/2019 2:38:54 PM



#9

Fluorene

Concen: 0.039 ng/ul

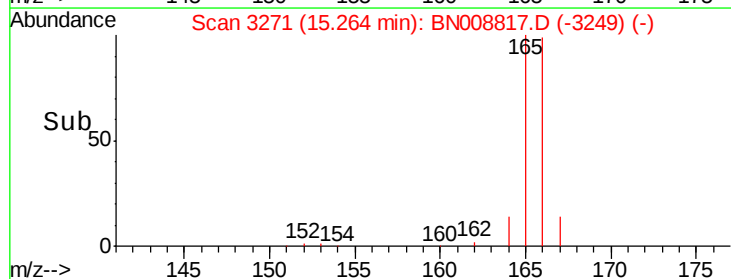
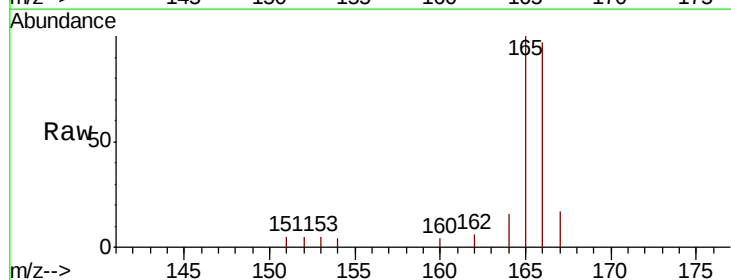
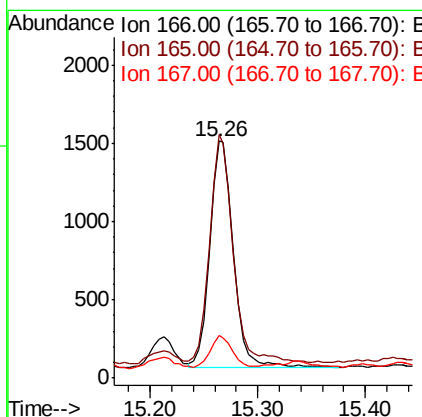
RT: 15.26 min Scan# 3271

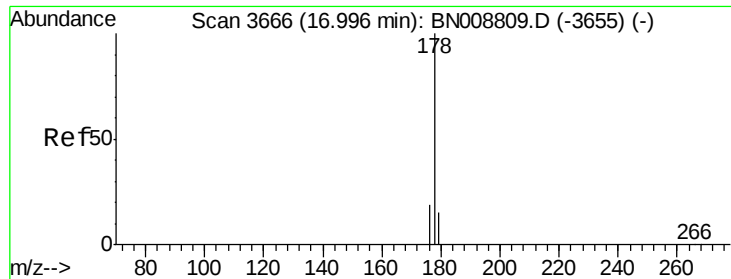
Delta R.T. 0.00 min

Lab File: BN008817.D

Acq: 02 Dec 2019 16:42

Tgt Ion:	166	Resp:	2237
Ion Ratio	Lower	Upper	
166	100		
165	102.8	77.7	116.5
167	18.0	11.1	16.7#





#12

Phenanthrene

Concen: 0.443 ng/ul

RT: 17.00 min Scan# 3667

Delta R.T. 0.00 min

Lab File: BN008817.D

Acq: 02 Dec 2019 16:42

Instrument :

BNA_N

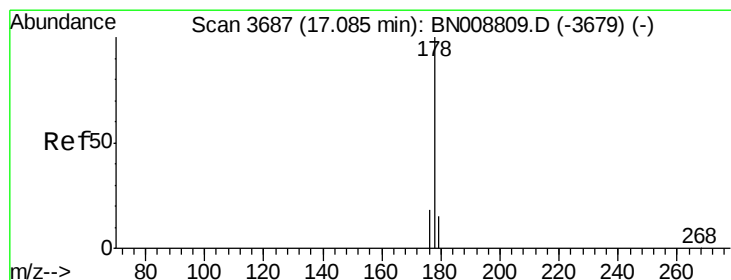
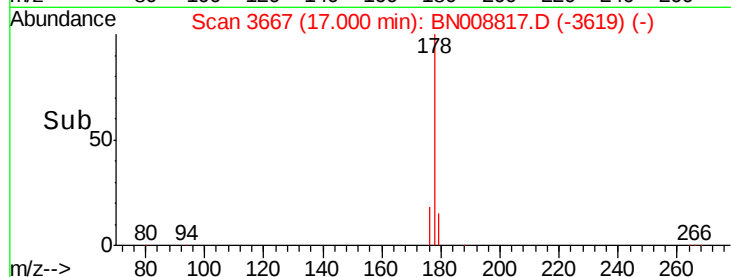
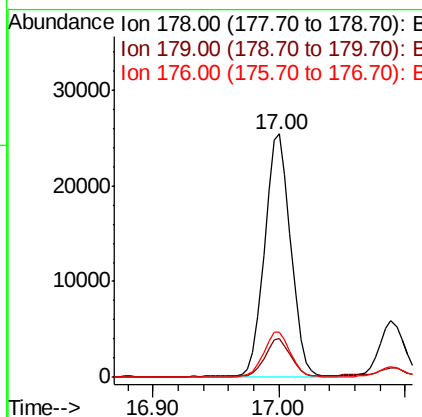
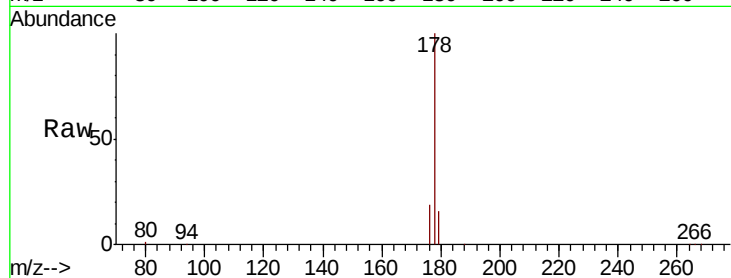
ClientSampleId :

C0AA5DL

Tot Ion:178	Resp:	36161
Ion Ratio	Lower	Upper
178	100	
179	15.7	12.6 18.8
176	18.7	15.3 22.9

Manual Integrations
APPROVED

mohammad
12/3/2019 2:38:54 PM



#13

Anthracene

Concen: 0.100 ng/ul

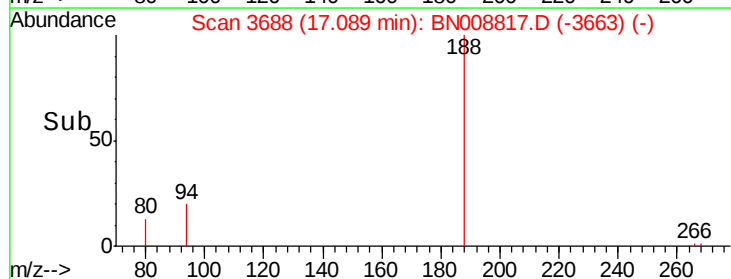
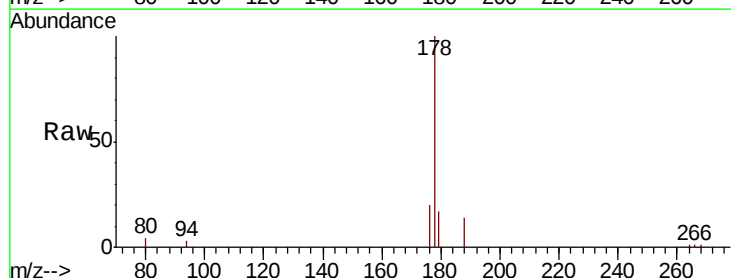
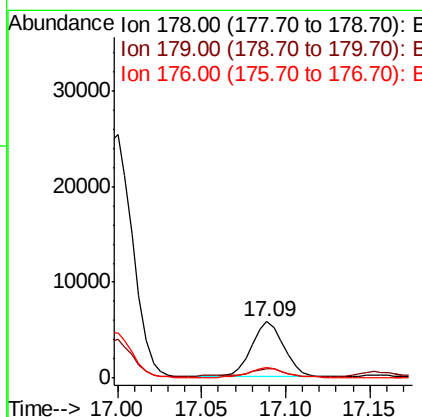
RT: 17.09 min Scan# 3688

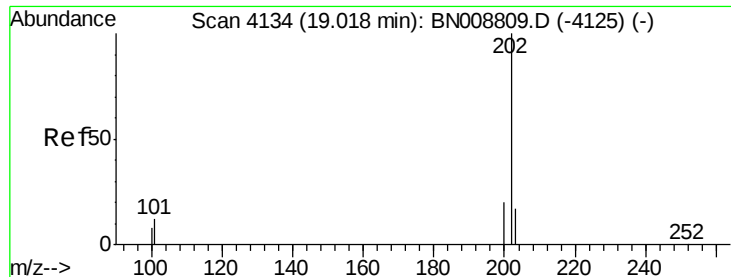
Delta R.T. 0.00 min

Lab File: BN008817.D

Acq: 02 Dec 2019 16:42

Tgt Ion:178	Resp:	7724
Ion Ratio	Lower	Upper
178	100	
179	16.8	12.2 18.4
176	19.8	14.7 22.1





#15

Fluoranthene

Concen: 0.705 ng/ul

RT: 19.02 min Scan# 4135

Delta R.T. 0.00 min

Lab File: BN008817.D

Acq: 02 Dec 2019 16:42

Instrument :

BNA_N

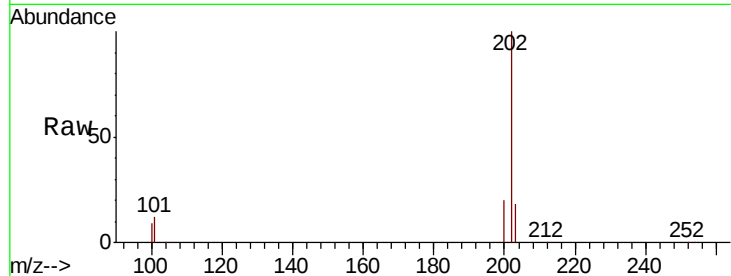
ClientSampleId :

C0AA5DL

Tot Ion:	202	Resp:	70681
Ion Ratio	Lower	Upper	
202	100		
101	12.1	0.0	32.4
100	9.1	0.0	29.2

Manual Integrations
APPROVED

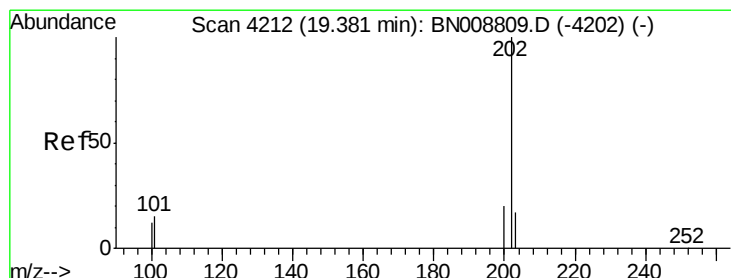
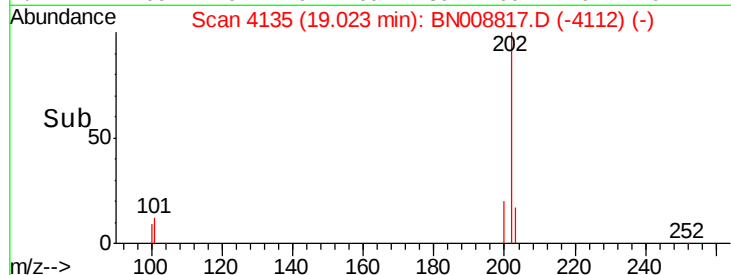
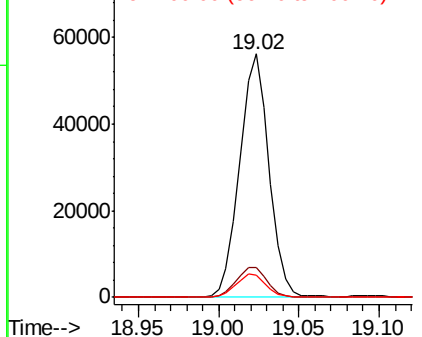
mohammad
12/3/2019 2:38:54 PM



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



#17

Pyrene

Concen: 0.723 ng/ul

RT: 19.39 min Scan# 4213

Delta R.T. 0.00 min

Lab File: BN008817.D

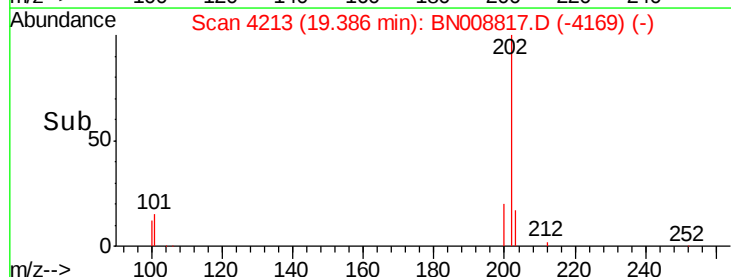
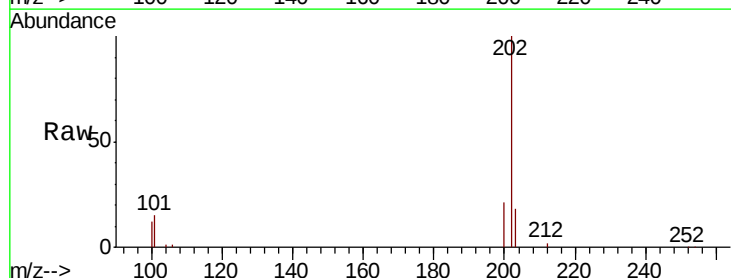
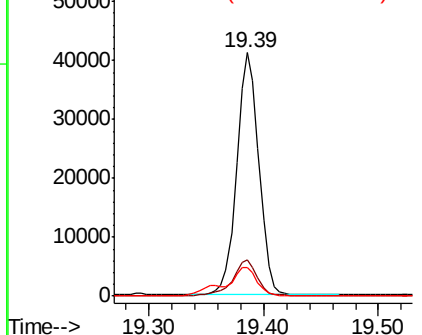
Acq: 02 Dec 2019 16:42

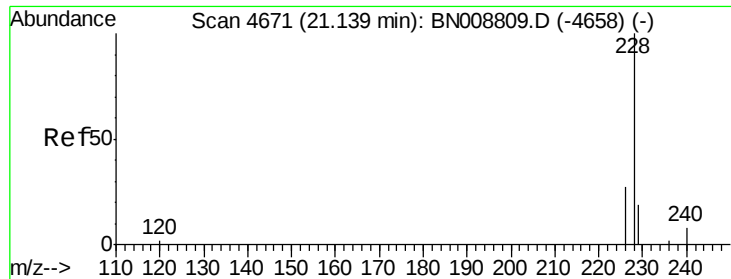
Tgt Ion:	202	Resp:	55227
Ion Ratio	Lower	Upper	
202	100		
101	14.9	12.2	18.4
100	12.0	9.5	14.3

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





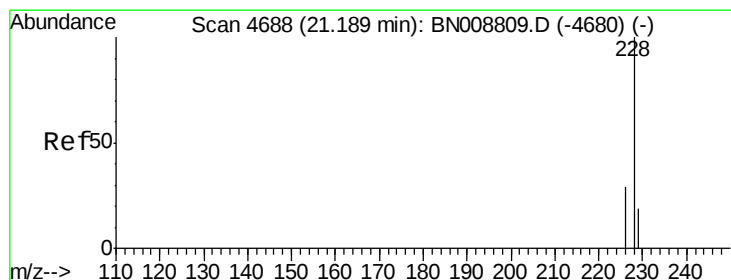
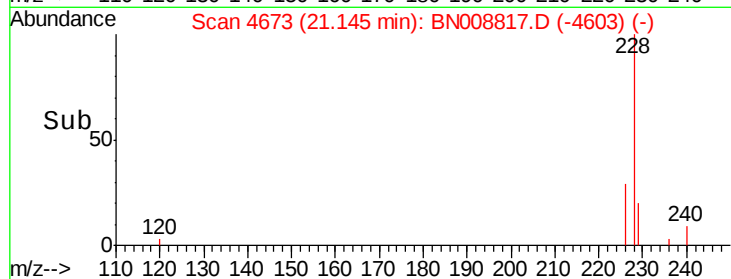
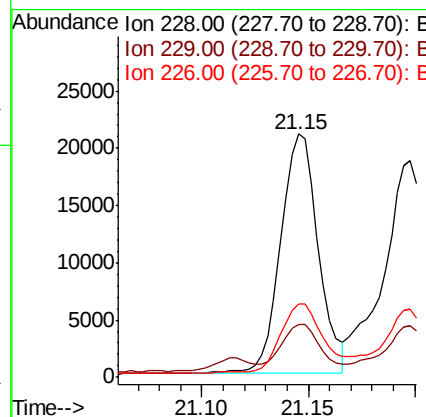
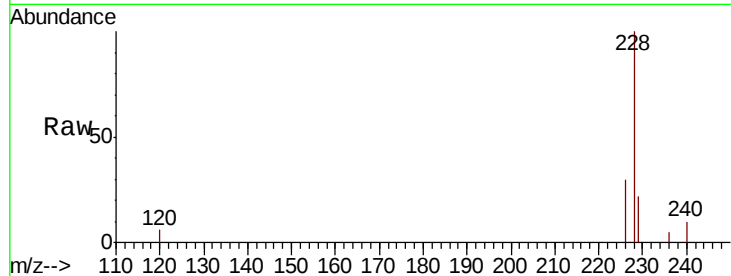
#18
Benzo(a)anthracene
Concen: 0.334 ng/ul
RT: 21.15 min Scan# 4673
Delta R.T. 0.01 min
Lab File: BN008817.D
Acq: 02 Dec 2019 16:42

Instrument :
BNA_N
ClientSampled :
C0AA5DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.9	15.7	23.5
226	30.3	21.5	32.3

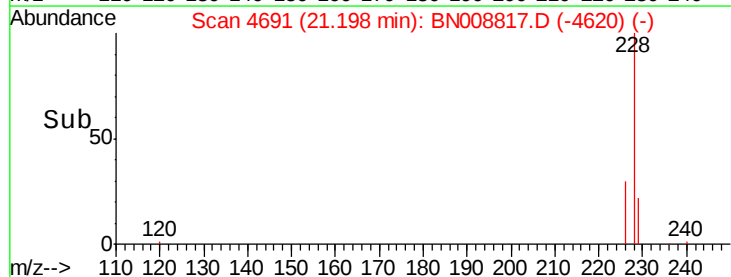
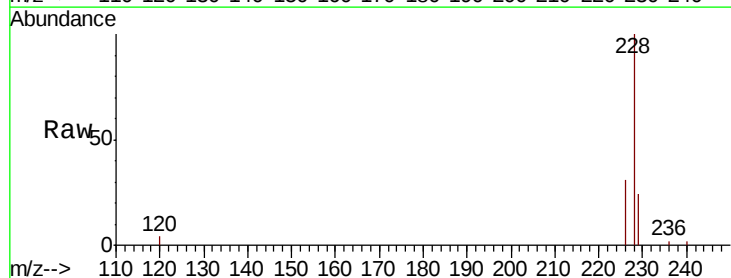
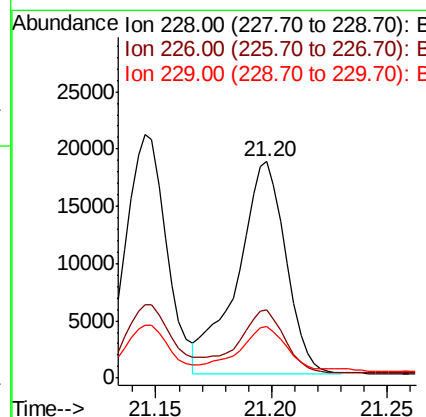
Manual Integrations
APPROVED

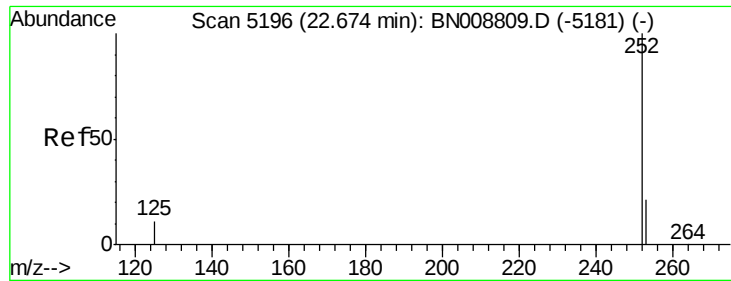
mohammad
12/3/2019 2:38:54 PM



#19
Chrysene
Concen: 0.362 ng/ul m
RT: 21.20 min Scan# 4691
Delta R.T. 0.01 min
Lab File: BN008817.D
Acq: 02 Dec 2019 16:42

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	23.8	35.6
229	23.7	15.6	23.4#





#21

Benzo(b)fluoranthene

Concen: 0.383 ng/ul m

RT: 22.69 min Scan# 5200

Delta R.T. 0.01 min

Lab File: BN008817.D

Acq: 02 Dec 2019 16:42

Instrument :

BNA_N

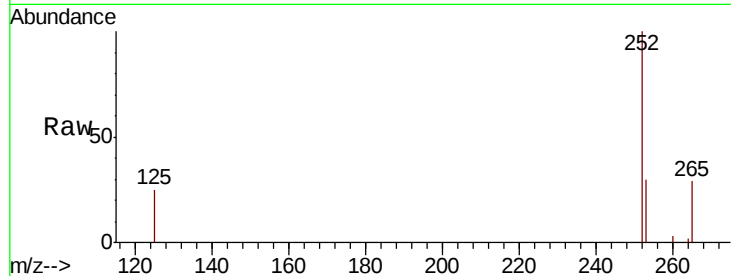
ClientSampleId :

C0AA5DL

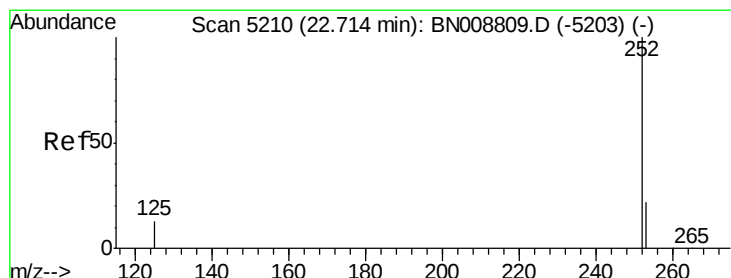
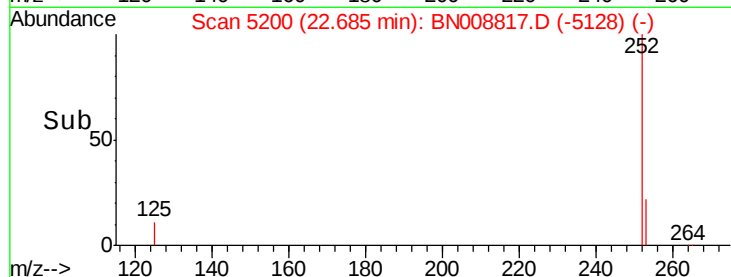
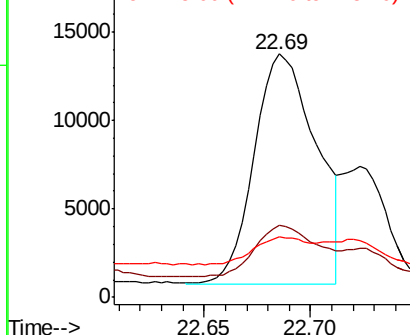
Tot Ion:	252	Resp:	26330
Ion Ratio	Lower	Upper	
252	100		
253	29.5	0.0	48.6
125	24.9	0.0	31.6

Manual Integrations
APPROVED

mohammad
12/3/2019 2:38:54 PM



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



#22

Benzo(k)fluoranthene

Concen: 0.143 ng/ul m

RT: 22.72 min Scan# 5213

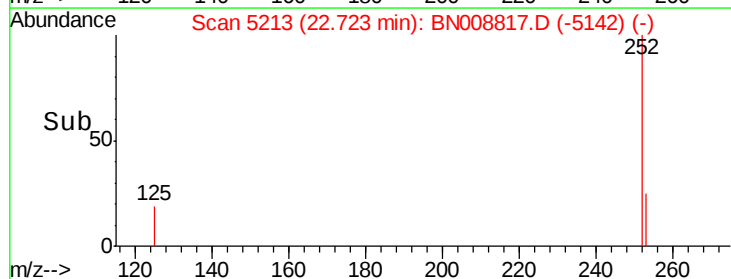
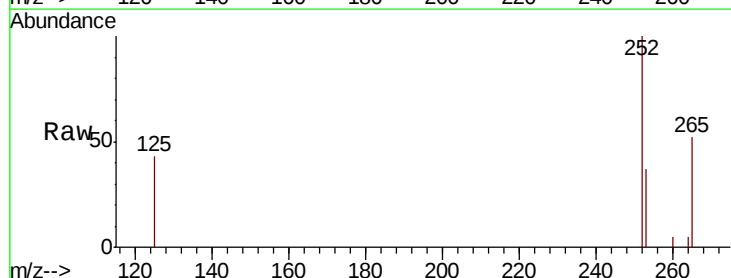
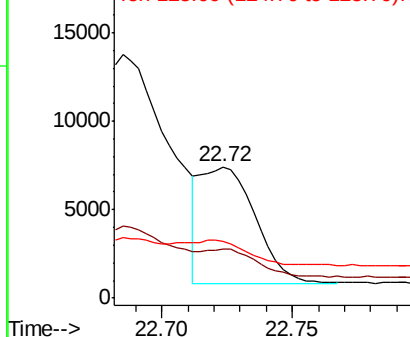
Delta R.T. 0.01 min

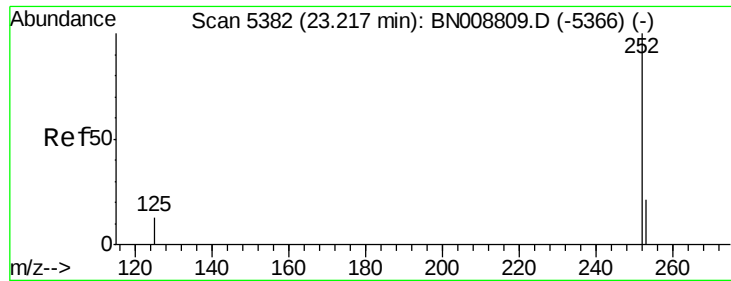
Lab File: BN008817.D

Acq: 02 Dec 2019 16:42

Tgt Ion:	252	Resp:	9724
Ion Ratio	Lower	Upper	
252	100		
253	37.2	19.6	29.4#
125	43.2	13.8	20.6#

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





#23

Benzo(a)pyrene

Concen: 0.264 ng/ul

RT: 23.23 min Scan# 5386

Delta R.T. 0.01 min

Lab File: BN008817.D

Acq: 02 Dec 2019 16:42

Instrument :

BNA_N

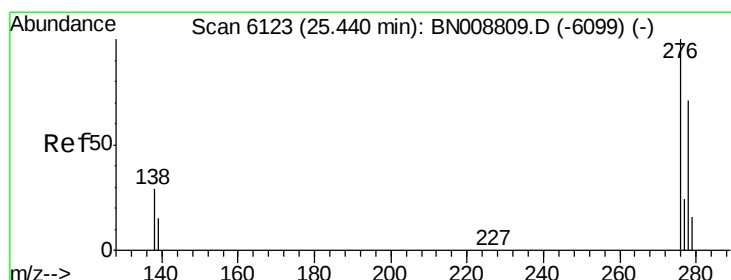
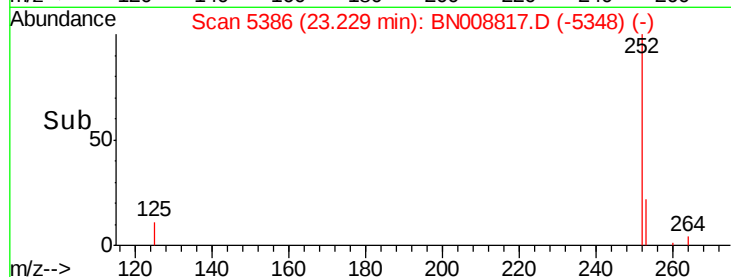
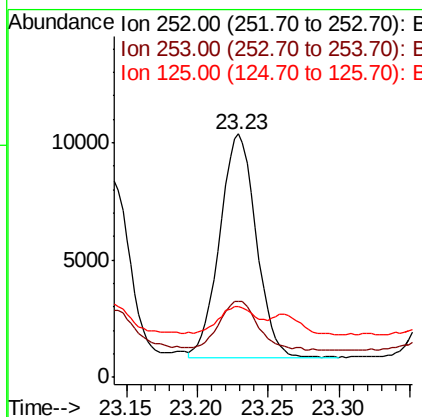
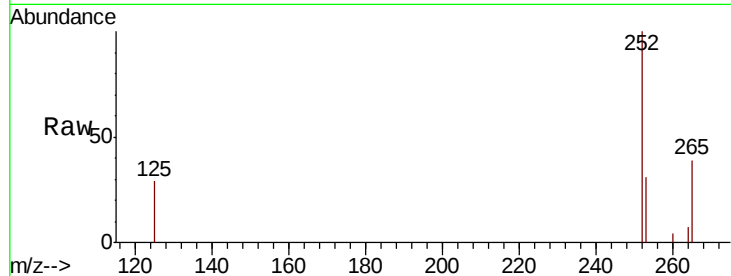
ClientSampled :

C0AA5DL

Tot Ion:	252	Resp:	17052
Ion Ratio	Lower	Upper	
252	100		
253	31.4	19.9	29.9#
125	29.3	14.6	22.0#

Manual Integrations
APPROVED

mohammad
12/3/2019 2:38:54 PM



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.125 ng/ul

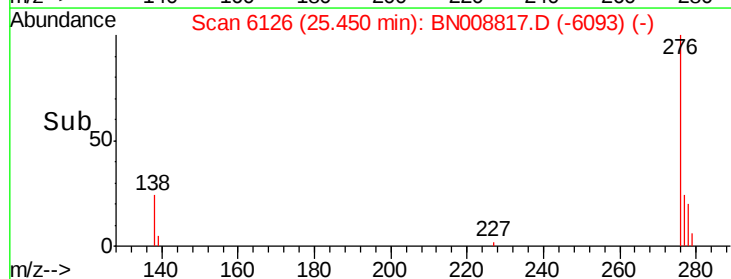
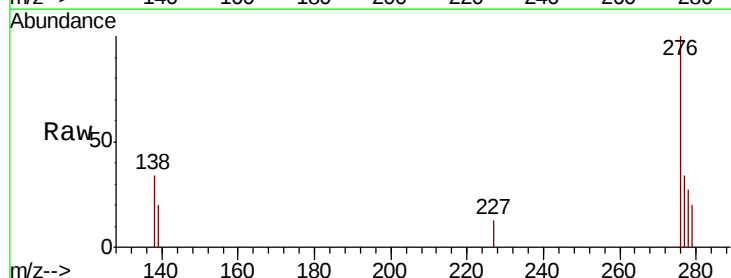
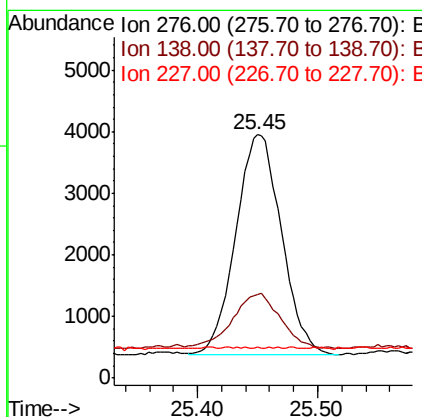
RT: 25.45 min Scan# 6126

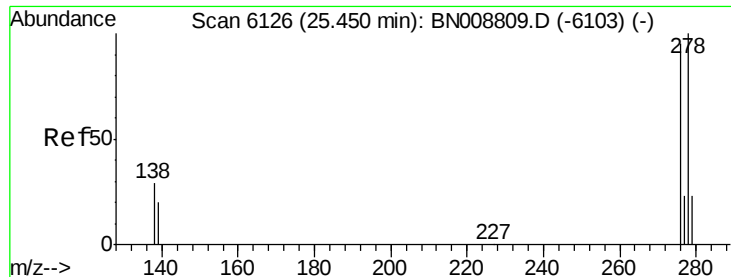
Delta R.T. 0.01 min

Lab File: BN008817.D

Acq: 02 Dec 2019 16:42

Tgt Ion:	276	Resp:	9408
Ion Ratio	Lower	Upper	
276	100		
138	26.6	23.8	35.6
227	0.1	0.2	0.2#





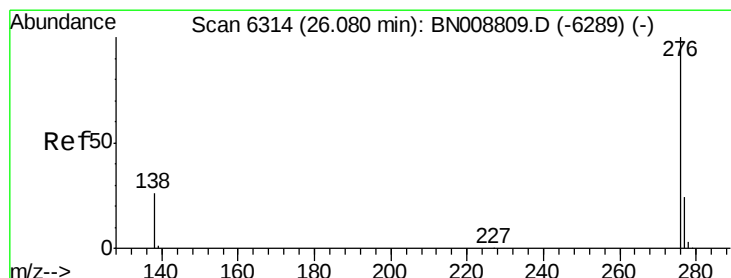
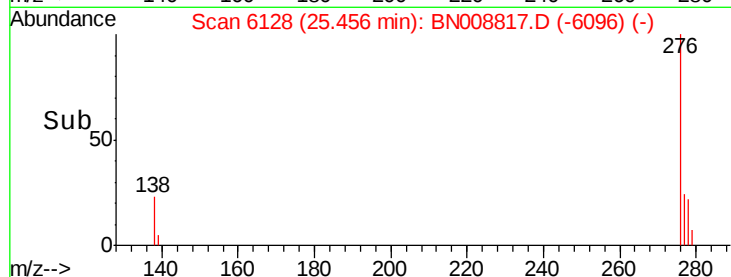
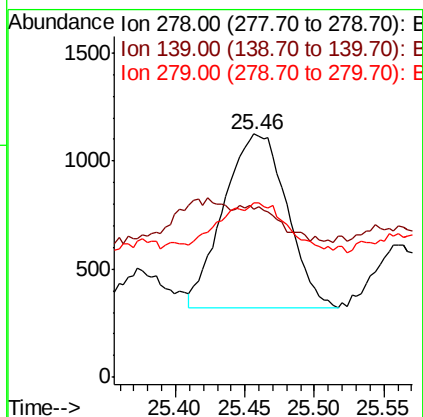
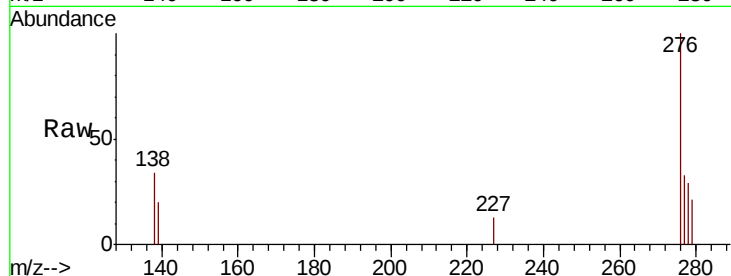
#25
Dibenzo(a,h)anthracene
Concen: 0.042 ng/uL
RT: 25.46 min Scan# 6128
Delta R.T. 0.01 min
Lab File: BN008817.D
Acq: 02 Dec 2019 16:42

Instrument :
BNA_N
ClientSampled :
C0AA5DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	68.9	17.4	26.0#
279	71.5	20.5	30.7#

Manual Integrations
APPROVED

mohammad
12/3/2019 2:38:54 PM



#26
Benzo(g,h,i)perylene
Concen: 0.144 ng/uL
RT: 26.10 min Scan# 6320
Delta R.T. 0.02 min
Lab File: BN008817.D
Acq: 02 Dec 2019 16:42

Tgt Ion	Ratio	Lower	Upper
276	100		
138	35.1	21.9	32.9#
277	34.1	19.9	29.9#

