

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101419\
 Data File : BN008174.D
 Acq On : 15 Oct 2019 15:39
 Operator : JU
 Sample : K5175-06
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP86

Manual Integrations
 APPROVED

mohammad
 10/16/2019 4:08:00 PM

Quant Time: Oct 15 17:51:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 15 15:13:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	1936	0.40	ng/ul	0.00
2) Naphthalene-d8	10.38	136	9795	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	6277	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.00	188	14455m	0.40	ng/ul	0.00
16) Chrysene-d12	21.20	240	14022m	0.40	ng/ul	0.00
20) Perylene-d12	23.38	264	14756	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	3316	0.20	ng/ul	0.00
14) Fluoranthene-d10	19.03	212	11478m	0.23	ng/ul	0.00
Target Compounds				Ovalue		
12) Phenanthrene	17.04	178	3738	0.088	ng/ul	96
15) Fluoranthene	19.06	202	9838m	0.176	ng/ul	
17) Pyrene	19.42	202	8216m	0.147	ng/ul	
18) Benzo(a)anthracene	21.18	228	5009	0.098	ng/ul	93
19) Chrysene	21.24	228	5054	0.081	ng/ul	95
21) Benzo(b)fluoranthene	22.73	252	6353m	0.132	ng/ul	
22) Benzo(k)fluoranthene	22.77	252	2567m	0.047	ng/ul	
23) Benzo(a)pyrene	23.28	252	3788	0.075	ng/ul#	52
24) Indeno(1,2,3-cd)pyrene	25.55	276	2352	0.040	ng/ul#	92
26) Benzo(g,h,i)perylene	26.21	276	1878	0.034	ng/ul#	67

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

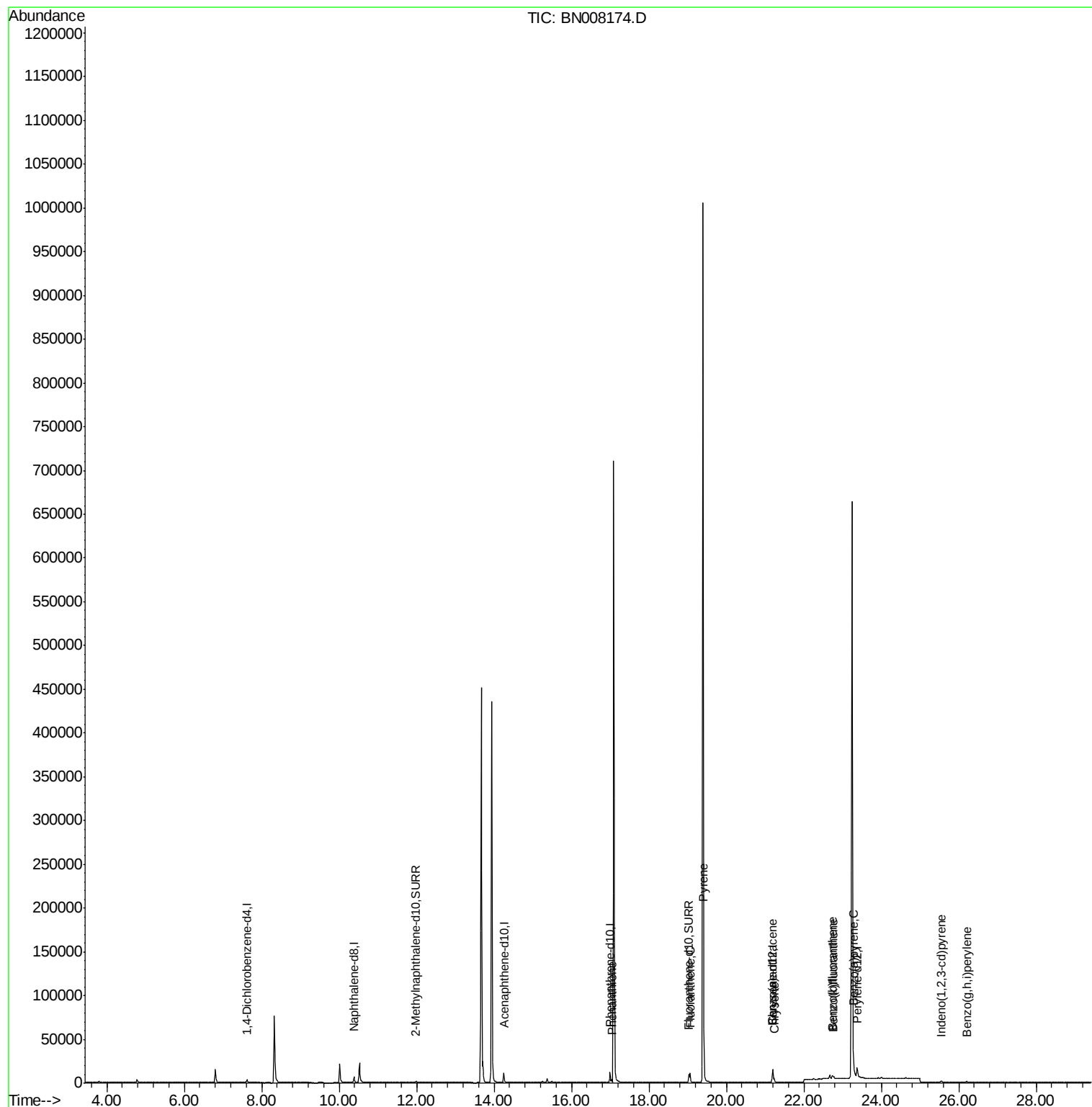
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101419\
Data File : BN008174.D
Acq On : 15 Oct 2019 15:39
Operator : JU
Sample : K5175-06
Misc :
ALS Vial : 42 Sample Multiplier: 1

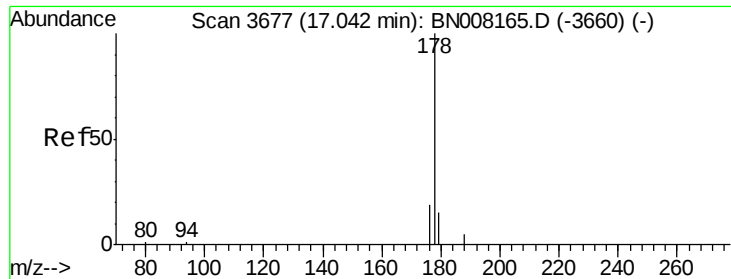
Instrument :
BNA_N
ClientSampleId :
BEP86

Quant Time: Oct 15 17:51:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 15 15:13:35 2019
Response via : Initial Calibration

Manual Integrations
APPROVED

mohammad
10/16/2019 4:08:00 PM





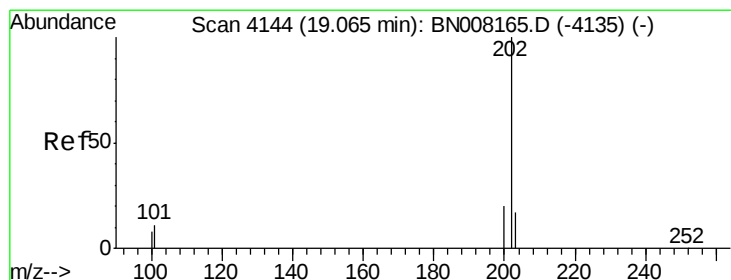
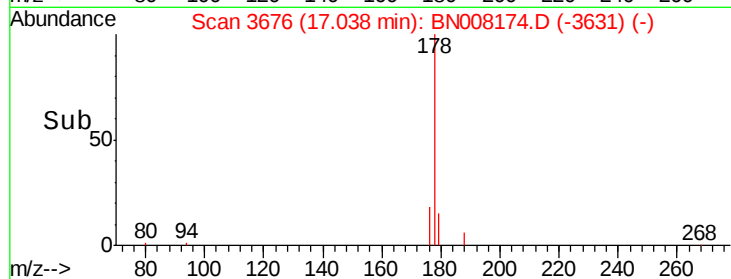
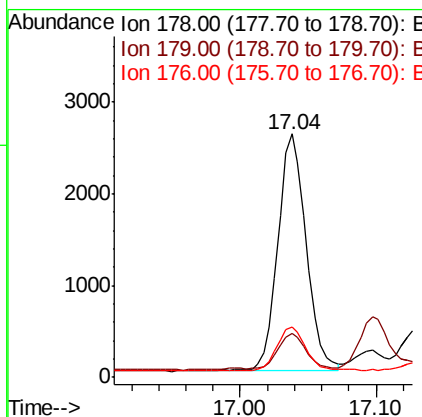
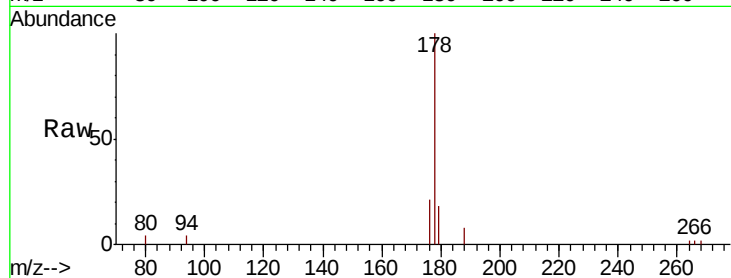
#12
Phenanthrene
Concen: 0.088 ng/ul
RT: 17.04 min Scan# 3676
Delta R.T. -0.01 min
Lab File: BN008174.D
Acq: 15 Oct 2019 15:39

Instrument :
BNA_N
ClientSampleId :
BEP86

Tot Ion	Ratio	Lower	Upper
178	100		
179	18.0	12.8	19.2
176	20.6	15.4	23.2

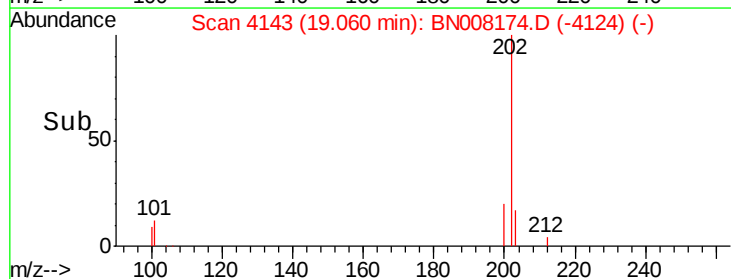
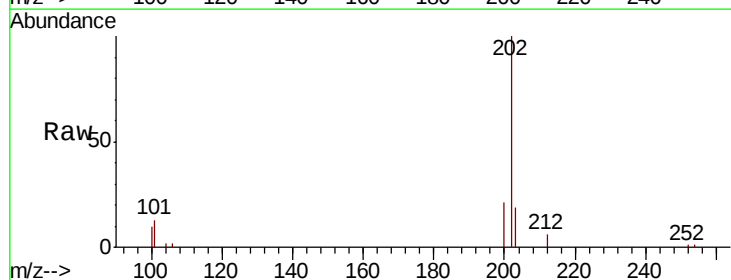
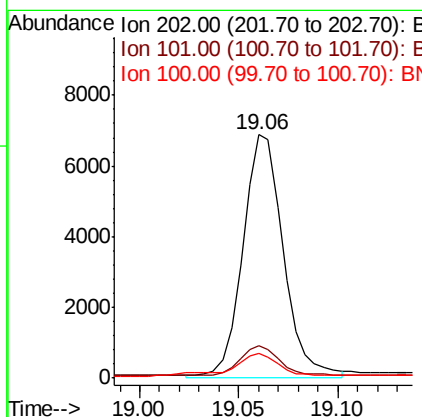
Manual Integrations
APPROVED

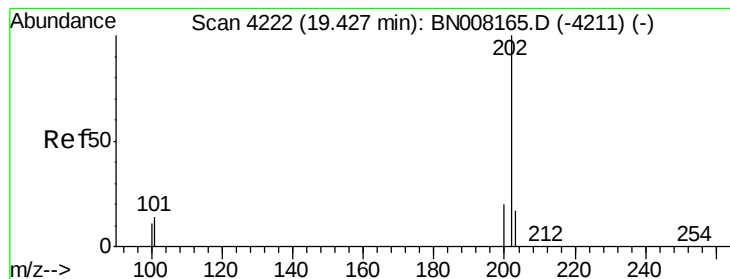
mohammad
10/16/2019 4:08:00 PM



#15
Fluoranthene
Concen: 0.176 ng/ul m
RT: 19.06 min Scan# 4143
Delta R.T. -0.01 min
Lab File: BN008174.D
Acq: 15 Oct 2019 15:39

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	31.2
100	10.2	0.0	28.5





#17

Pvrene

Concen: 0.147 ng/ul m

RT: 19.42 min Scan# 4221

Delta R.T. -0.01 min

Lab File: BN008174.D

Acq: 15 Oct 2019 15:39

Instrument :

BNA_N

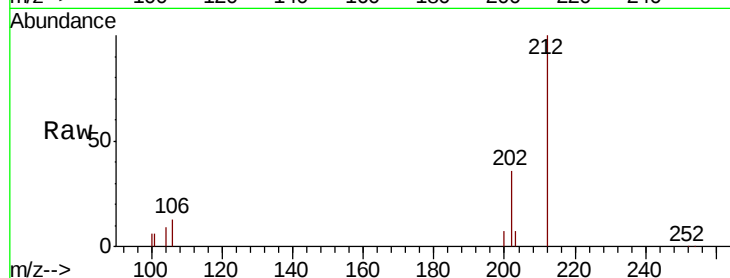
ClientSampleId :

BEP86

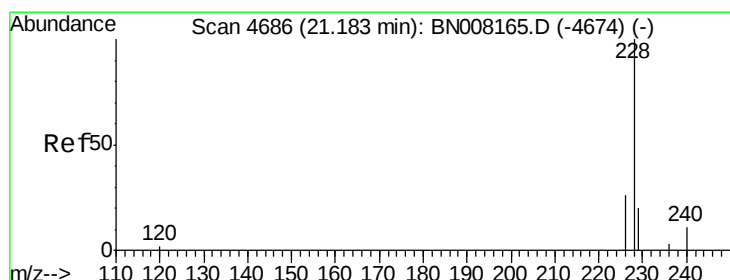
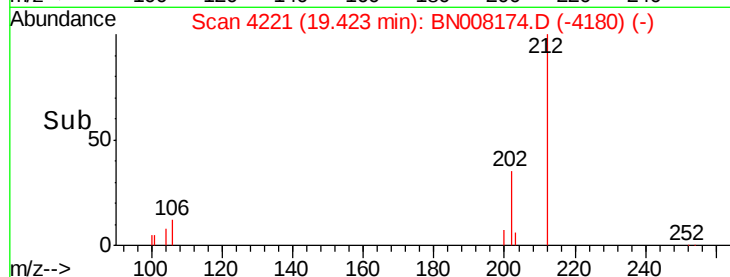
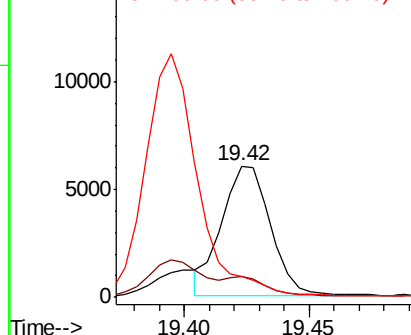
Tot Ion:	202	Resp:	8216
Ion Ratio	Lower	Upper	
202	100		
101	16.0	10.9	16.3
100	15.6	8.7	13.1#

Manual Integrations
APPROVED

mohammad
10/16/2019 4:08:00 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



#18

Benzo(a)anthracene

Concen: 0.098 ng/ul

RT: 21.18 min Scan# 4686

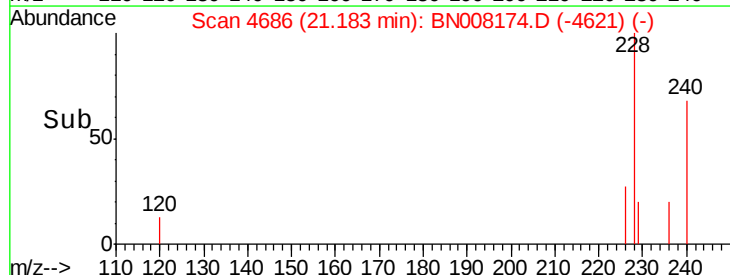
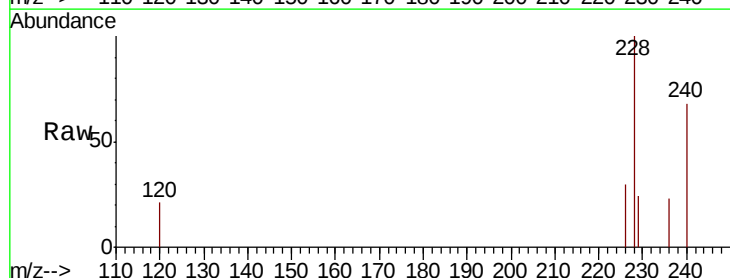
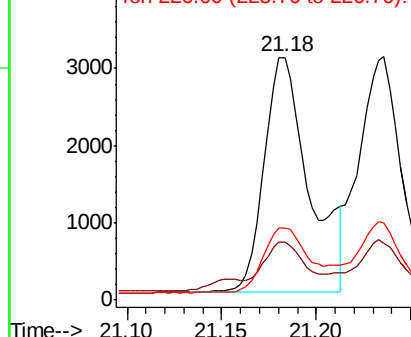
Delta R.T. -0.01 min

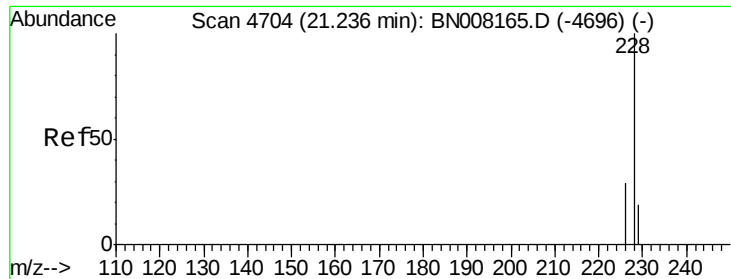
Lab File: BN008174.D

Acq: 15 Oct 2019 15:39

Tgt Ion:	228	Resp:	5009
Ion Ratio	Lower	Upper	
228	100		
229	23.8	16.2	24.2
226	29.8	21.4	32.0

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: 0.081 ng/ul

RT: 21.24 min Scan# 4704

Delta R.T. -0.01 min

Lab File: BN008174.D

Acq: 15 Oct 2019 15:39

Instrument :

BNA_N

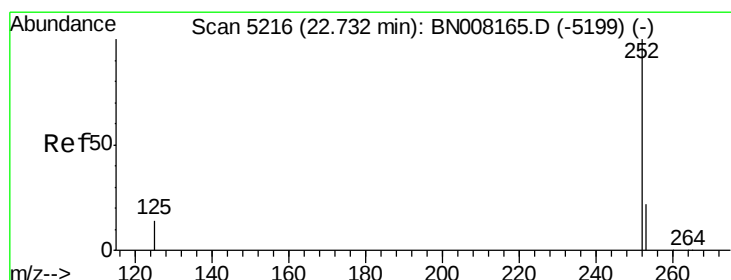
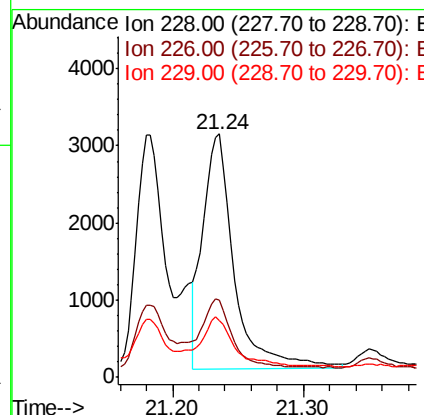
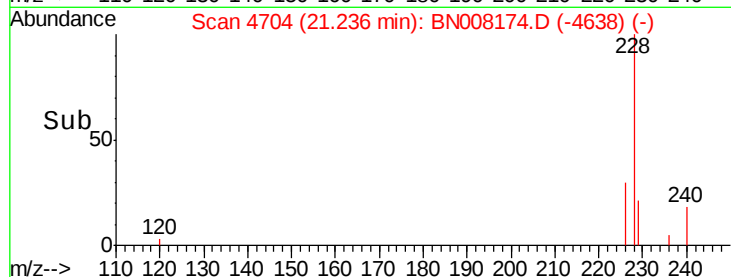
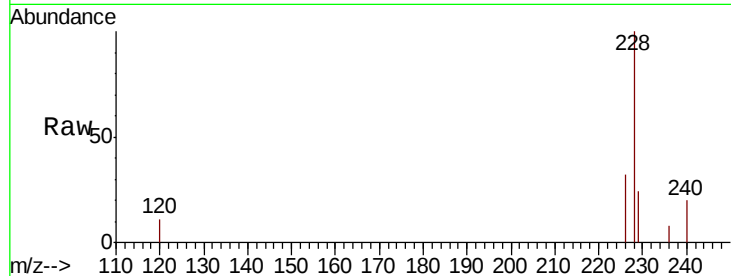
ClientSampleId :

BEP86

Tot Ion:	228	Resp:	5054
Ion Ratio	Lower	Upper	
228	100		
226	31.7	24.1	36.1
229	23.5	16.2	24.2

Manual Integrations
APPROVED

mohammad
10/16/2019 4:08:00 PM



#21

Benzo(b)fluoranthene

Concen: 0.132 ng/ul m

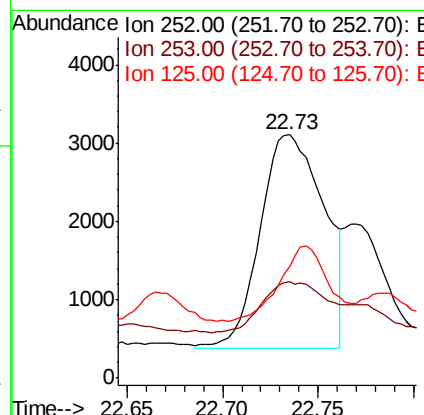
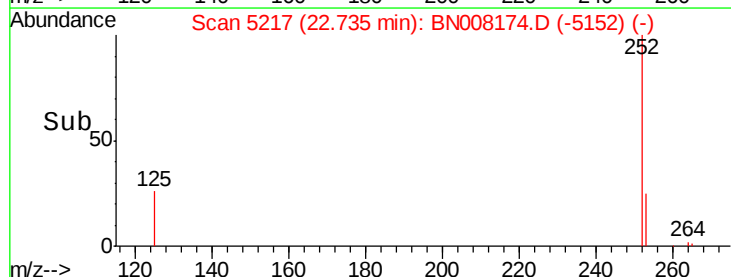
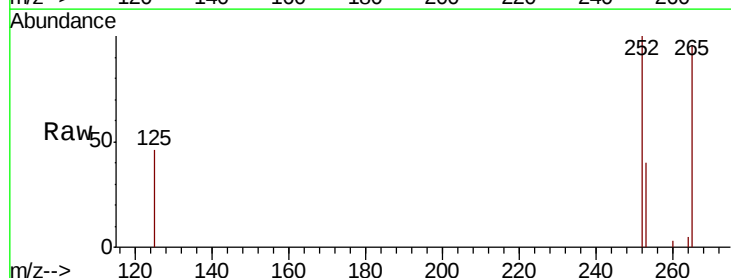
RT: 22.73 min Scan# 5217

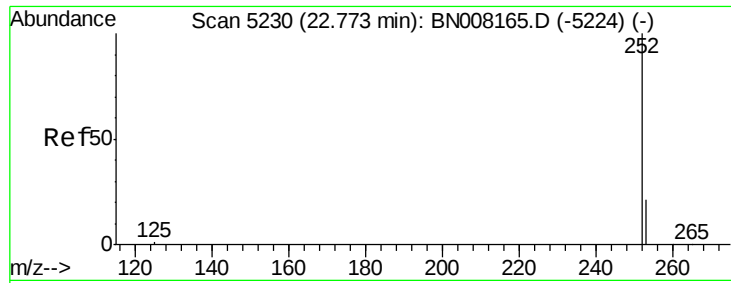
Delta R.T. -0.01 min

Lab File: BN008174.D

Acq: 15 Oct 2019 15:39

Tgt Ion:	252	Resp:	6353
Ion Ratio	Lower	Upper	
252	100		
253	39.9	0.0	53.4
125	45.9	0.0	32.4#





#22

Benzo(k)fluoranthene

Concen: 0.047 ng/ul m

RT: 22.77 min Scan# 5228

Delta R.T. -0.02 min

Lab File: BN008174.D

Acq: 15 Oct 2019 15:39

Instrument :

BNA_N

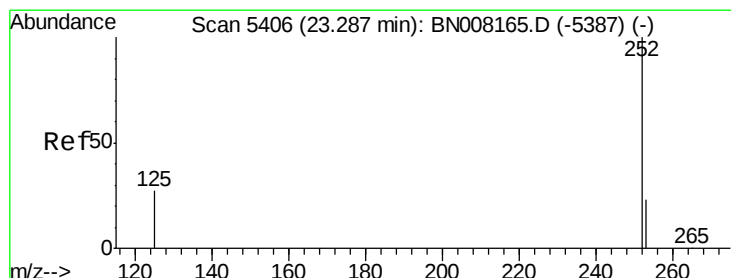
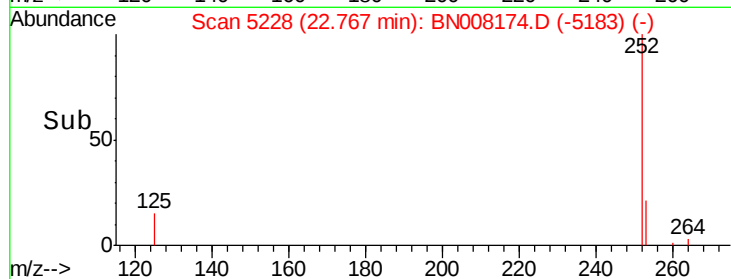
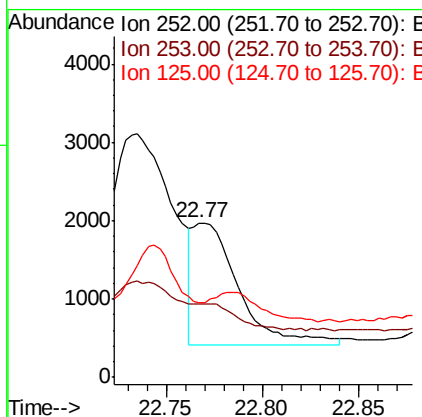
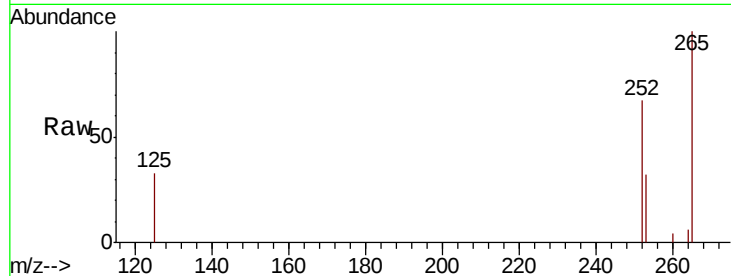
ClientSampled :

BEP86

Tot Ion:	252	Resp:	2567
Ion Ratio	Lower	Upper	
252	100		
253	47.8	21.3	31.9#
125	48.6	12.3	18.5#

Manual Integrations
APPROVED

mohammad
10/16/2019 4:08:00 PM



#23

Benzo(a)pyrene

Concen: 0.075 ng/ul

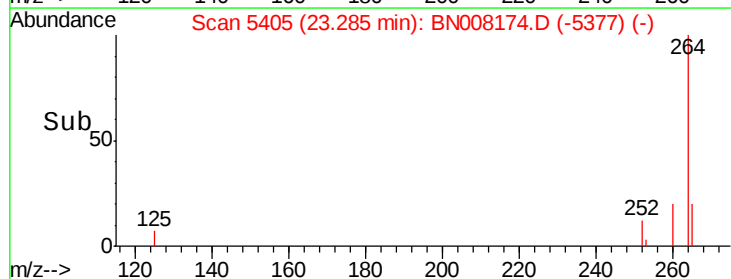
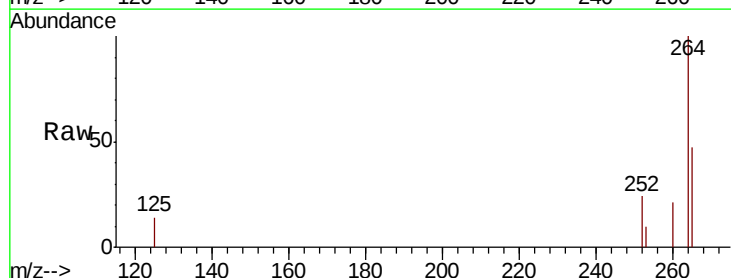
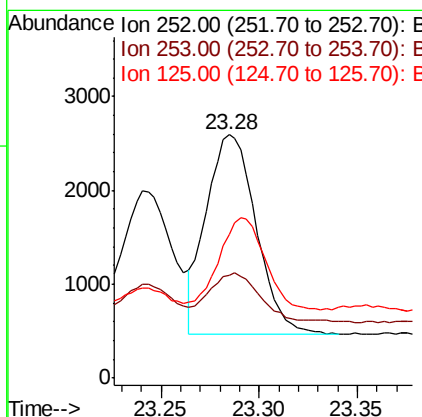
RT: 23.28 min Scan# 5405

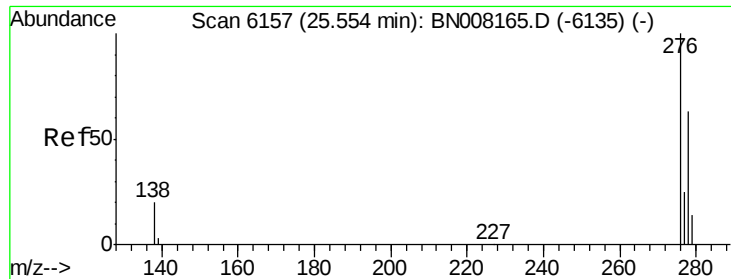
Delta R.T. -0.02 min

Lab File: BN008174.D

Acq: 15 Oct 2019 15:39

Tgt Ion:	252	Resp:	3788
Ion Ratio	Lower	Upper	
252	100		
253	42.4	22.8	34.2#
125	58.8	18.4	27.6#





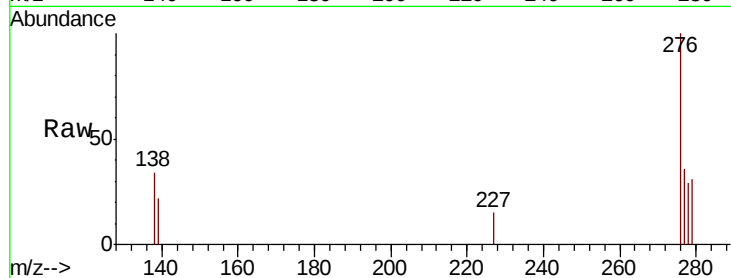
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.040 ng/u1
RT: 25.55 min Scan# 6157
Delta R.T. -0.02 min
Lab File: BN008174.D
Acq: 15 Oct 2019 15:39

Instrument :
BNA_N
ClientSampleId :
BEP86

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.7	16.1	24.1
227	0.4	0.2	0.2

Manual Integrations
APPROVED

mohammad
10/16/2019 4:08:00 PM

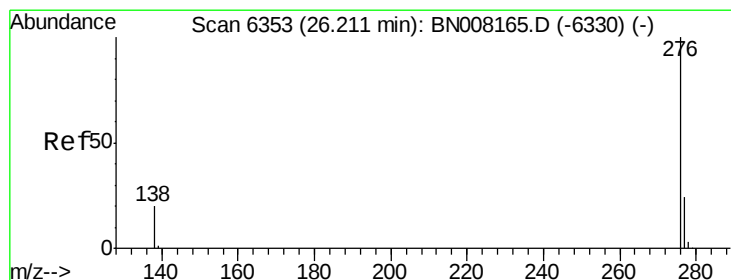
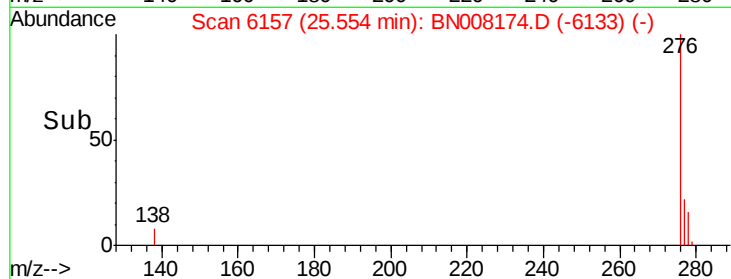
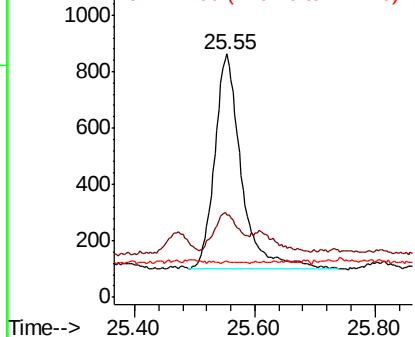


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



#26
Benzo(g,h,i)perylene
Concen: 0.034 ng/u1
RT: 26.21 min Scan# 6353
Delta R.T. -0.02 min
Lab File: BN008174.D
Acq: 15 Oct 2019 15:39

Tgt Ion	Ratio	Lower	Upper
276	100		
138	39.8	17.0	25.4
277	39.2	20.4	30.6

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

