

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112019\
 Data File : BN008656.D
 Acq On : 20 Nov 2019 12:31
 Operator : JU
 Sample : K5784-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLNA8

Manual Integrations
 APPROVED

mohammad
 11/21/2019 1:05:52 PM

Quant Time: Nov 20 13:12:50 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 : Wed Nov 20 04:45:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	3840	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	14102	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.24	164	7717	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.98	188	15955	0.40	ng/ul	0.00
16) Chrysene-d12	21.18	240	13318	0.40	ng/ul	0.00
20) Perylene-d12	23.35	264	13658	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	4010	0.17	ng/ul	0.00
14) Fluoranthene-d10	19.01	212	8610	0.18	ng/ul	0.00
Target Compounds				Ovalue		
12) Phenanthrene	17.03	178	2851	0.053	ng/ul	95
15) Fluoranthene	19.05	202	4144	0.063	ng/ul	91
17) Pyrene	19.41	202	4307m	0.081	ng/ul	
18) Benzo(a)anthracene	21.16	228	2160	0.040	ng/ul#	89
19) Chrysene	21.21	228	2315	0.044	ng/ul#	89
21) Benzo(b)fluoranthene	22.70	252	2393m	0.042	ng/ul	
22) Benzo(k)fluoranthene	22.74	252	1552m	0.028	ng/ul	
23) Benzo(a)pyrene	23.25	252	1631	0.031	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.49	276	1265	0.020	ng/ul#	66
26) Benzo(g,h,i)perylene	26.14	276	1270	0.025	ng/ul#	35

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

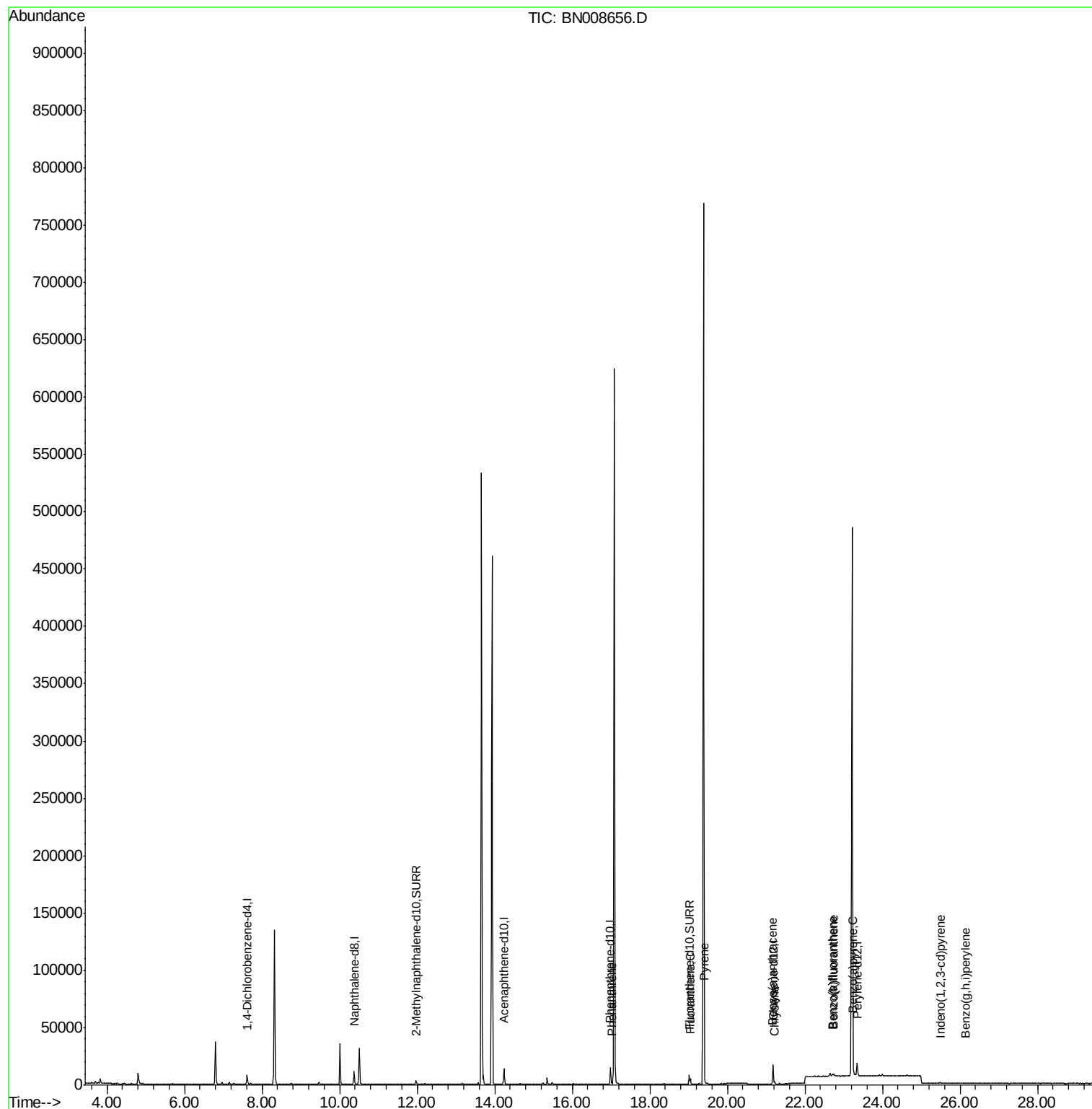
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112019\
Data File : BN008656.D
Acq On : 20 Nov 2019 12:31
Operator : JU
Sample : K5784-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

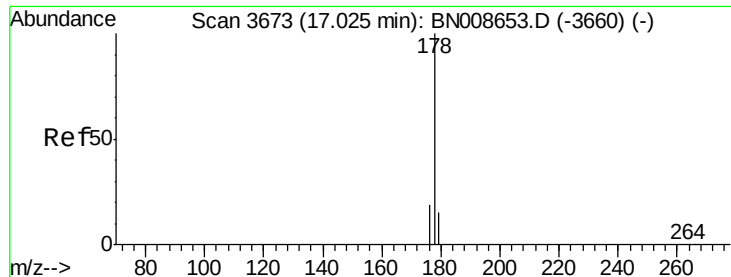
Instrument :
BNA_N
ClientSampleId :
JLNA8

Manual Integrations
APPROVED

mohammad
11/21/2019 1:05:52 PM

Quant Time: Nov 20 13:12:50 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 : Wed Nov 20 04:45:41 2019
Response via : Initial Calibration





#12

Phenanthrene

Concen: 0.053 ng/ul

RT: 17.03 min Scan# 3673

Delta R.T. -0.00 min

Lab File: BN008656.D

Acq: 20 Nov 2019 12:31

Instrument :

BNA_N

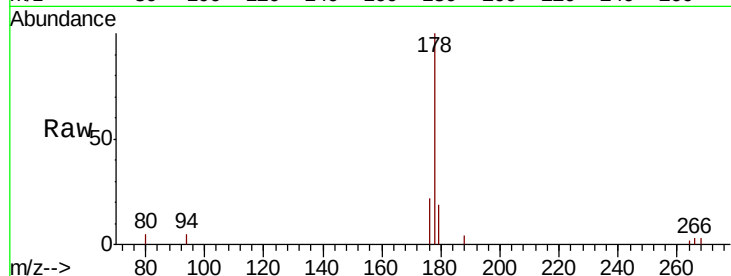
ClientSampled :

JLNA8

Tot Ion:	178	Resp:	2851
Ion Ratio	Lower	Upper	
178	100		
179	19.2	12.8	19.2
176	21.6	16.0	24.0

Manual Integrations
APPROVED

mohammad
11/21/2019 1:05:52 PM

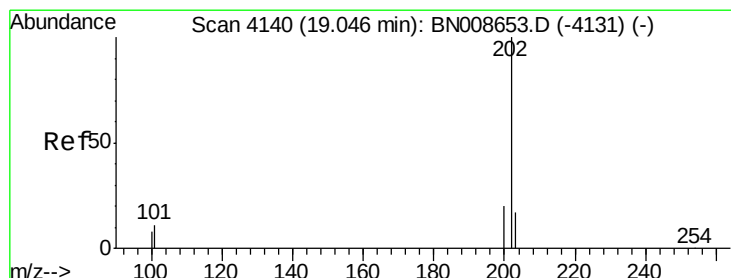
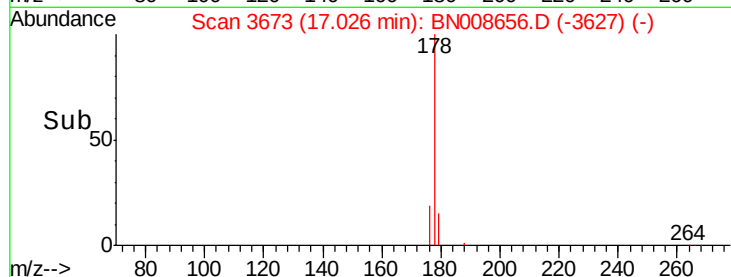
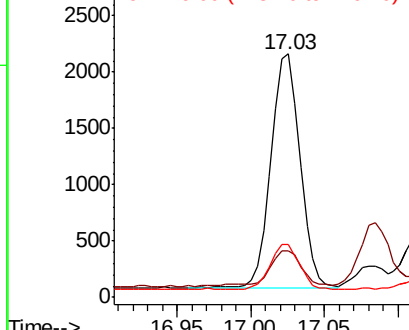


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#15

Fluoranthene

Concen: 0.063 ng/ul

RT: 19.05 min Scan# 4140

Delta R.T. -0.00 min

Lab File: BN008656.D

Acq: 20 Nov 2019 12:31

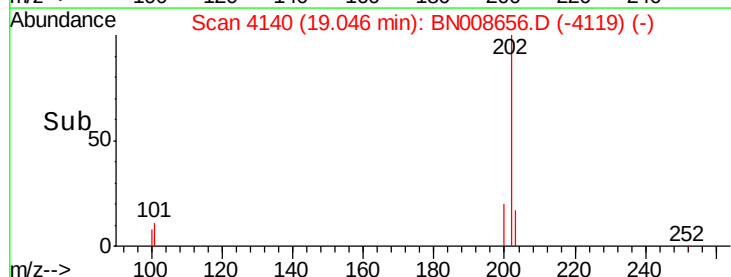
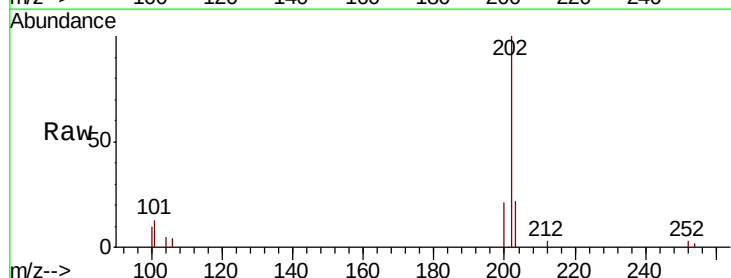
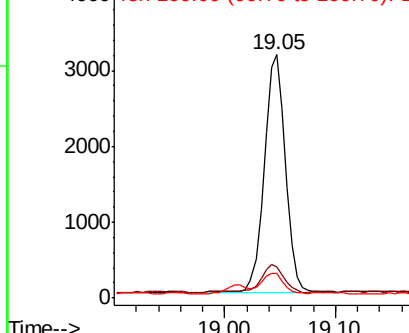
Tgt Ion:	202	Resp:	4144
Ion Ratio	Lower	Upper	
202	100		
101	13.0	0.0	29.6
100	10.2	0.0	27.0

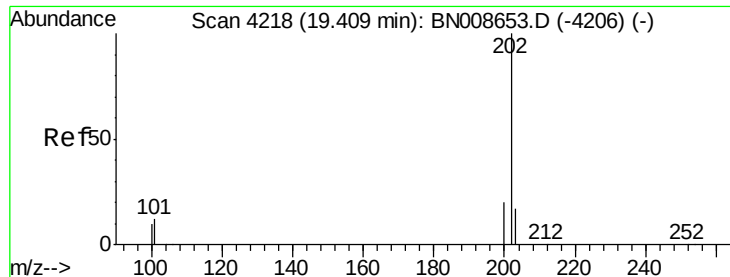
Abundance

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





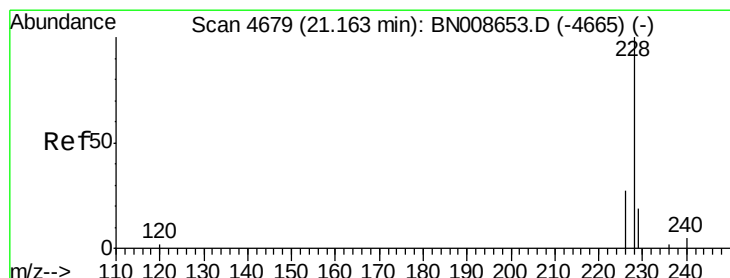
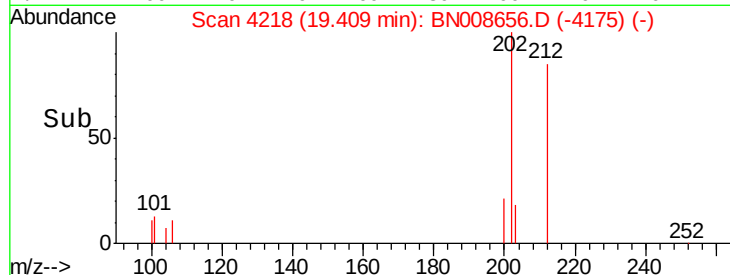
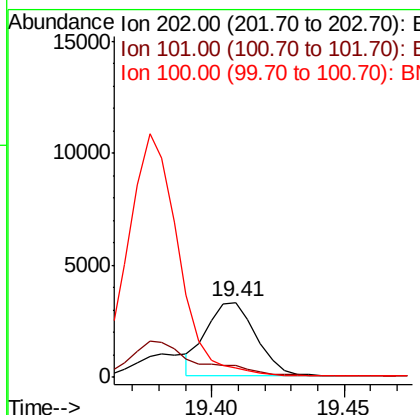
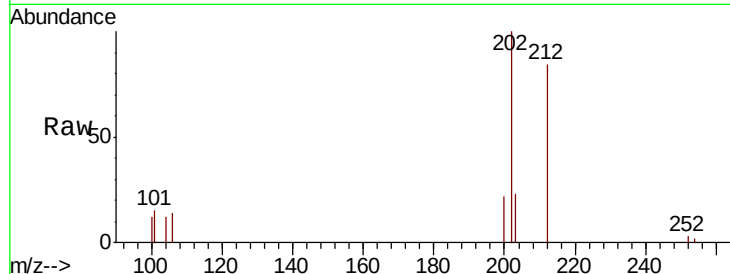
#17
 Pyrene
 Concen: 0.081 ng/ul m
 RT: 19.41 min Scan# 4218
 Delta R.T. 0.00 min
 Lab File: BN008656.D
 Acq: 20 Nov 2019 12:31

Instrument :
 BNA_N
 ClientSampled :
 JLNA8

Tot Ion	Ratio	Lower	Upper
202	100		
101	15.3	10.2	15.2#
100	12.4	8.2	12.2#

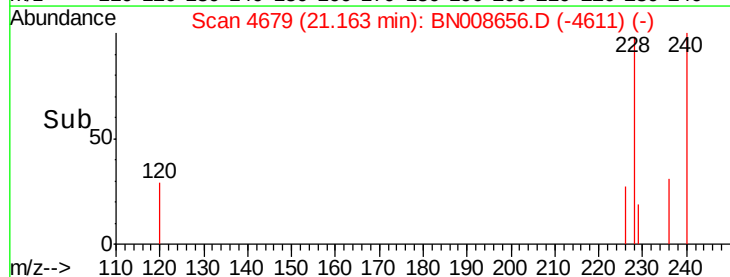
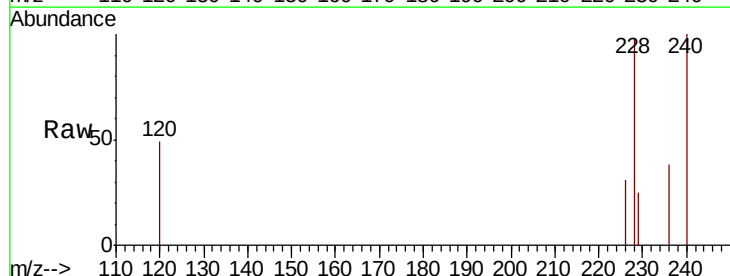
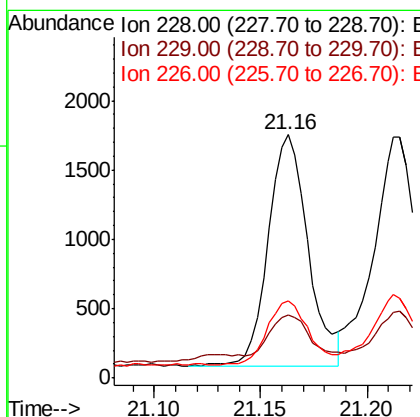
Manual Integrations
 APPROVED

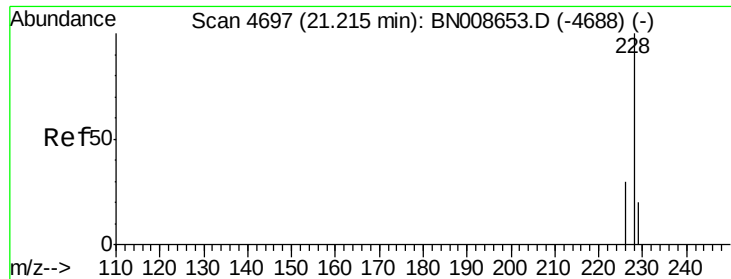
mohammad
 11/21/2019 1:05:52 PM



#18
 Benzo(a)anthracene
 Concen: 0.040 ng/ul
 RT: 21.16 min Scan# 4679
 Delta R.T. -0.00 min
 Lab File: BN008656.D
 Acq: 20 Nov 2019 12:31

Tgt Ion	Ratio	Lower	Upper
228	100		
229	25.8	15.8	23.6#
226	31.7	21.6	32.4





#19

Chrysene

Concen: 0.044 ng/ul

RT: 21.21 min Scan# 4696

Delta R.T. -0.00 min

Lab File: BN008656.D

Acq: 20 Nov 2019 12:31

Instrument :

BNA_N

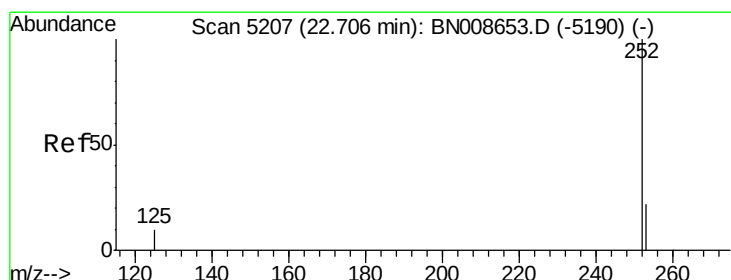
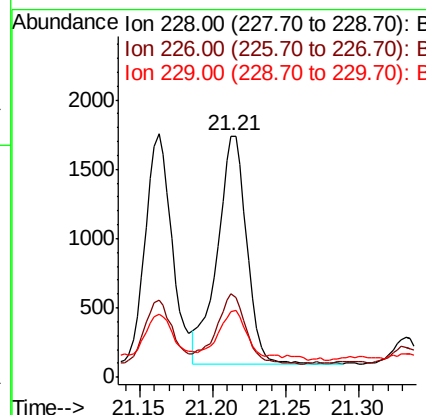
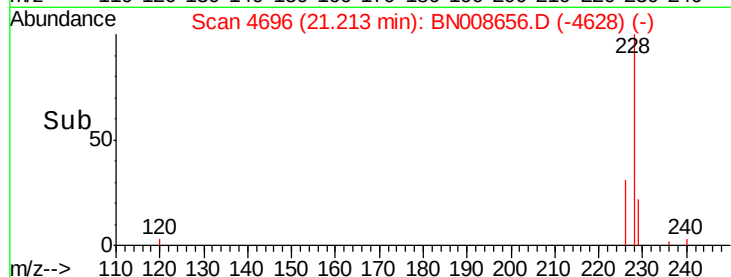
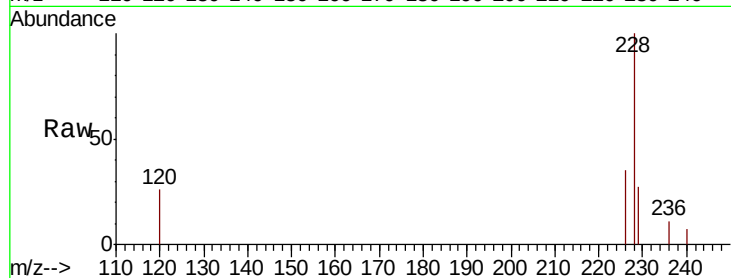
ClientSampleId :

JLNA8

Tot Ion:	228	Resp:	2315
Ion Ratio	Lower	Upper	
228	100		
226	34.9	24.5	36.7
229	27.1	15.5	23.3#

Manual Integrations
APPROVED

mohammad
11/21/2019 1:05:52 PM



#21

Benzo(b)fluoranthene

Concen: 0.042 ng/ul m

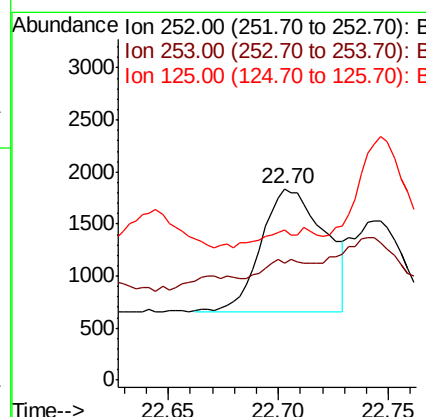
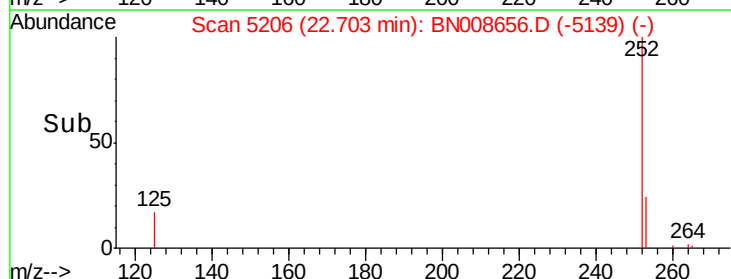
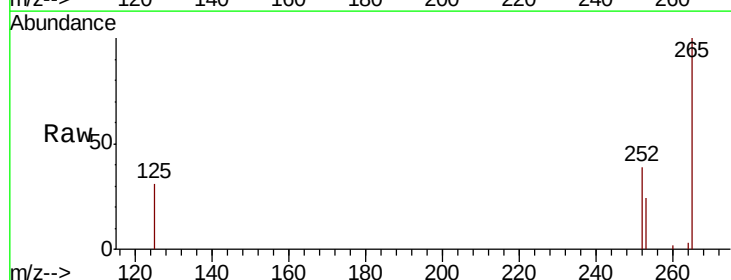
RT: 22.70 min Scan# 5206

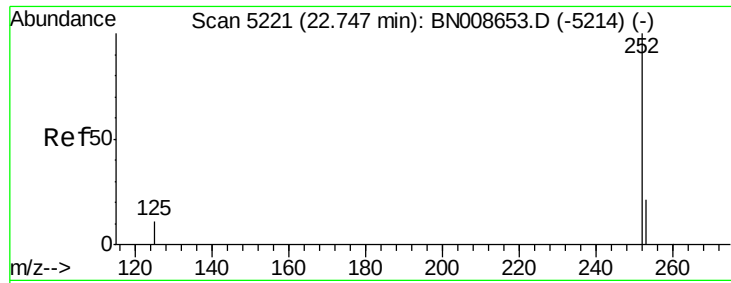
Delta R.T. -0.00 min

Lab File: BN008656.D

Acq: 20 Nov 2019 12:31

Tgt Ion:	252	Resp:	2393
Ion Ratio	Lower	Upper	
252	100		
253	61.3	0.0	50.2#
125	78.2	0.0	30.0#





#22

Benzo(k)fluoranthene

Concen: 0.028 ng/ul m

RT: 22.74 min Scan# 5220

Delta R.T. -0.01 min

Lab File: BN008656.D

Acq: 20 Nov 2019 12:31

Instrument :

BNA_N

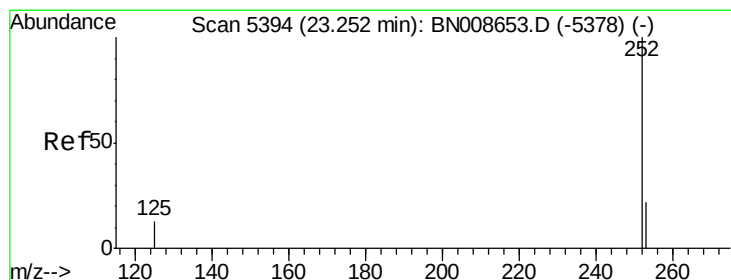
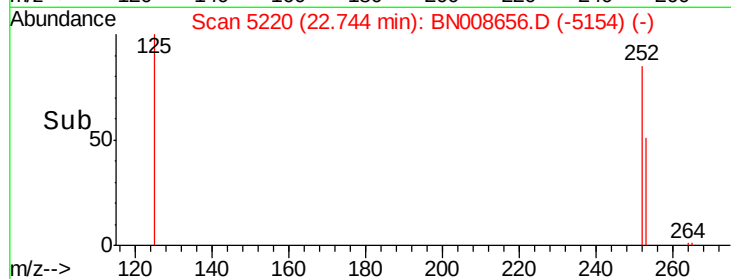
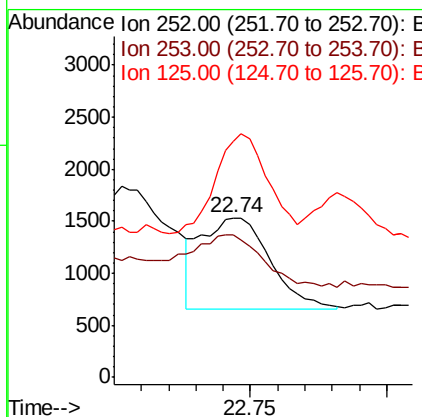
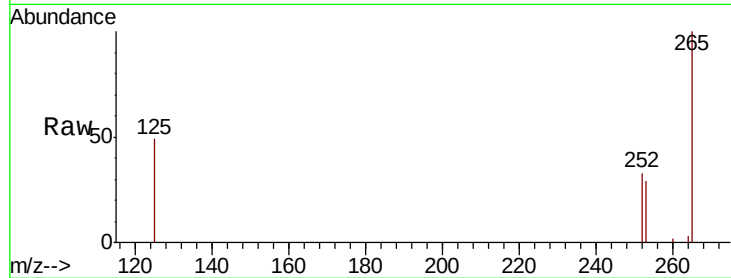
ClientSampleId :

JLNA8

Tot Ion:	252	Resp:	1552
Ion Ratio	Lower	Upper	
252	100		
253	89.6	20.5	30.7#
125	148.2	15.0	22.4#

Manual Integrations
APPROVED

mohammad
11/21/2019 1:05:52 PM



#23

Benzo(a)pyrene

Concen: 0.031 ng/ul

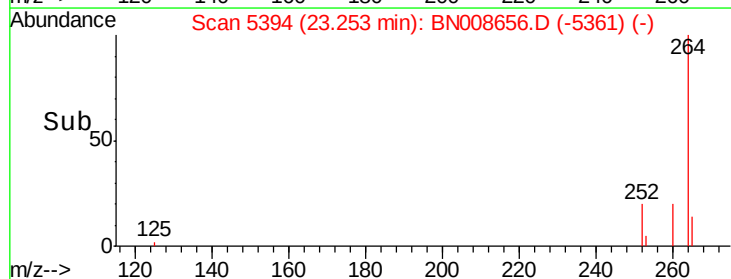
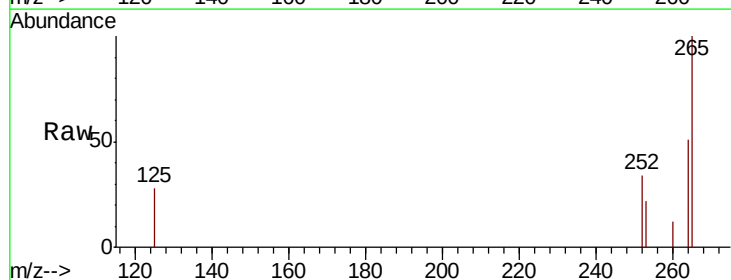
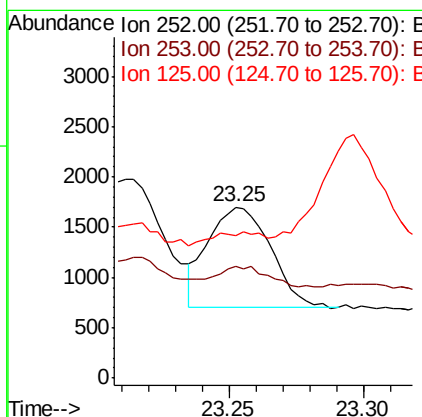
RT: 23.25 min Scan# 5394

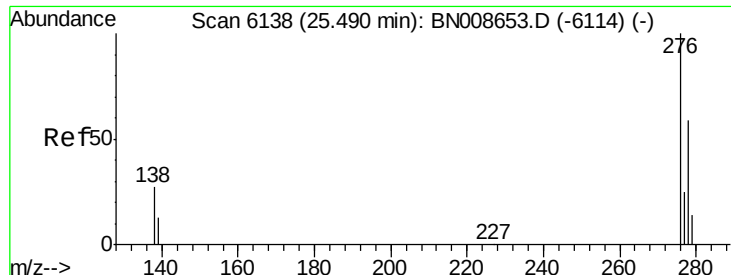
Delta R.T. -0.00 min

Lab File: BN008656.D

Acq: 20 Nov 2019 12:31

Tgt Ion:	252	Resp:	1631
Ion Ratio	Lower	Upper	
252	100		
253	65.4	21.4	32.2#
125	83.5	13.8	20.8#





#24

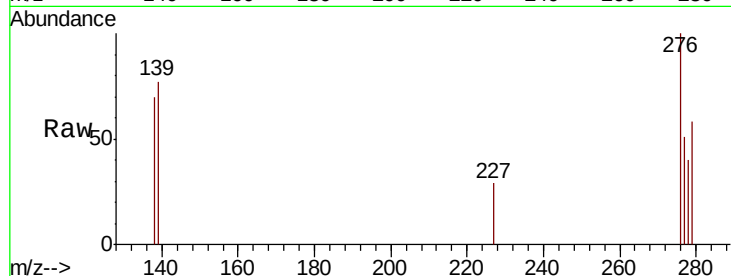
Indeno(1,2,3-cd)pyrene
Concen: 0.020 ng/ul
RT: 25.49 min Scan# 6137
Delta R.T. -0.01 min
Lab File: BN008656.D
Acq: 20 Nov 2019 12:31

Instrument :
BNA_N
ClientSampleId :
JLNA8

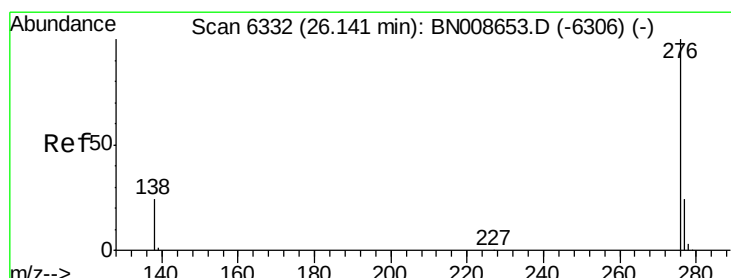
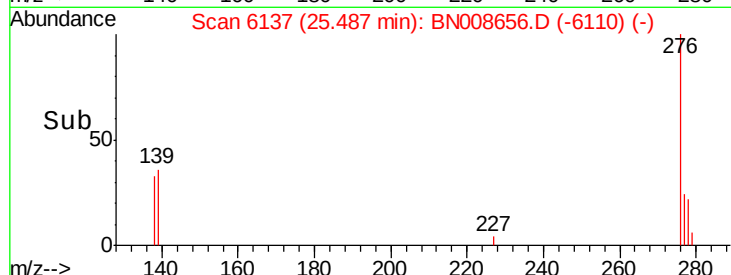
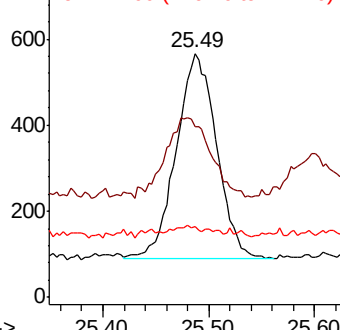
Tot Ion	Ratio	Lower	Upper
276	100		
138	44.9	21.7	32.5#
227	2.0	0.2	0.2#

Manual Integrations
APPROVED

mohammad
11/21/2019 1:05:52 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: 0.025 ng/ul
RT: 26.14 min Scan# 6331
Delta R.T. -0.00 min
Lab File: BN008656.D
Acq: 20 Nov 2019 12:31

Tgt Ion	Ratio	Lower	Upper
276	100		
138	65.4	20.0	30.0#
277	49.5	20.0	30.0#

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

