

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101419\
 Data File : BN008154.D
 Acq On : 15 Oct 2019 03:34
 Operator : JU
 Sample : K5097-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLMD9

Manual Integrations
 APPROVED

mohammad
 10/15/2019 1:30:38 PM

Quant Time: Oct 15 04:38:44 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 : Mon Oct 14 17:19:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	2283	0.40	ng/ul	0.00
2) Naphthalene-d8	10.38	136	11249	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	7340	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.00	188	16747m	0.40	ng/ul	0.00
16) Chrysene-d12	21.20	240	17060m	0.40	ng/ul	0.00
20) Perylene-d12	23.38	264	14581m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	2889	0.15	ng/ul	0.00
14) Fluoranthene-d10	19.03	212	9510m	0.16	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.43	128	1448	0.045	ng/ul#	85
5) 2-Methylnaphthalene	12.06	142	1522	0.069	ng/ul	99
12) Phenanthrene	17.04	178	1912m	0.039	ng/ul	
15) Fluoranthene	19.07	202	10230m	0.158	ng/ul	
17) Pyrene	19.43	202	22996	0.339	ng/ul	98
18) Benzo(a)anthracene	21.18	228	12793m	0.206	ng/ul	
19) Chrysene	21.23	228	5579m	0.073	ng/ul	
21) Benzo(b)fluoranthene	22.74	252	12686m	0.267	ng/ul	
22) Benzo(k)fluoranthene	22.77	252	5469m	0.102	ng/ul	
23) Benzo(a)pyrene	23.29	252	4320	0.086	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.55	276	3930	0.067	ng/ul#	76
26) Benzo(g,h,i)perylene	26.21	276	14441	0.268	ng/ul#	94

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

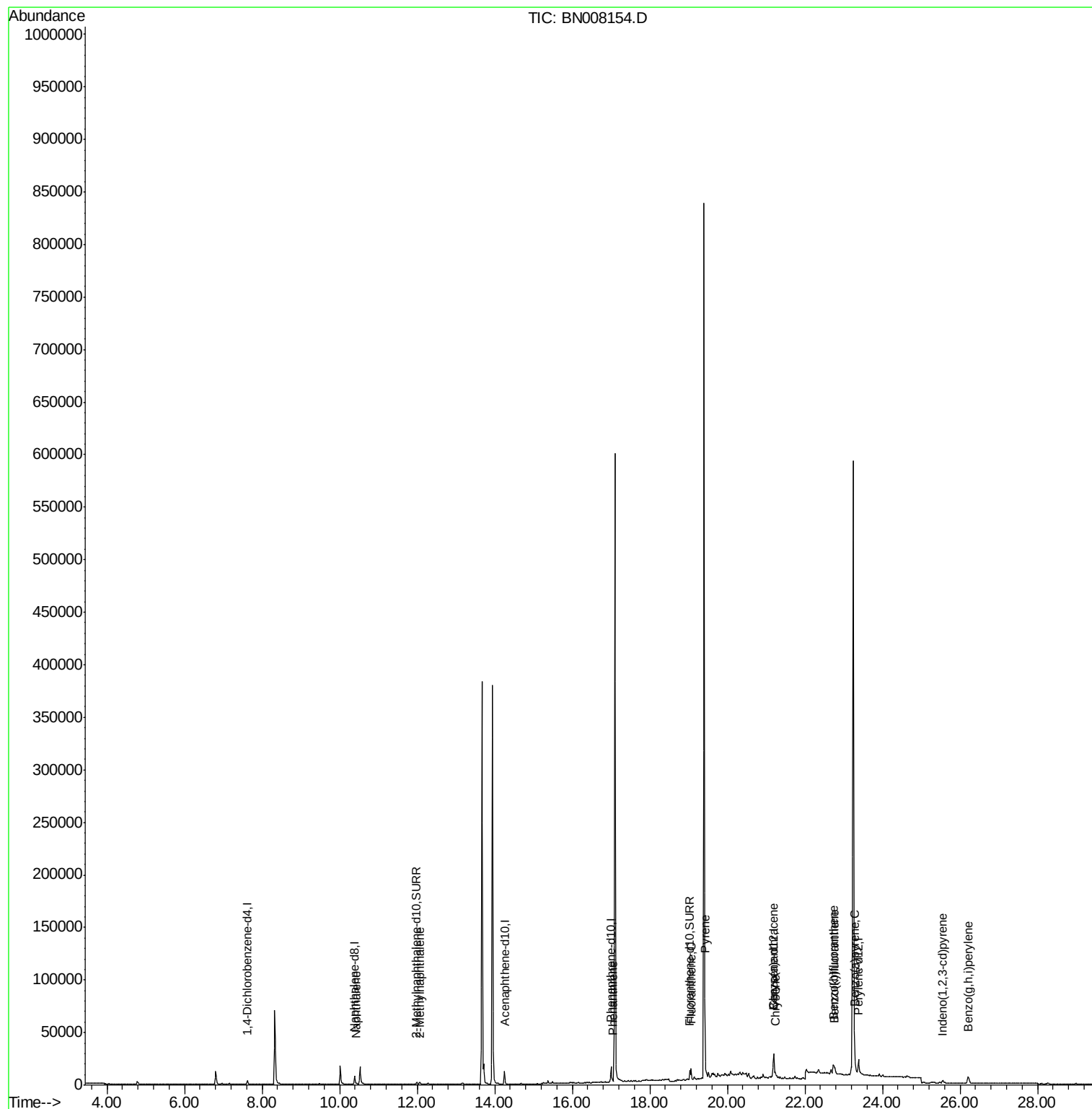
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101419\
Data File : BN008154.D
Acq On : 15 Oct 2019 03:34
Operator : JU
Sample : K5097-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

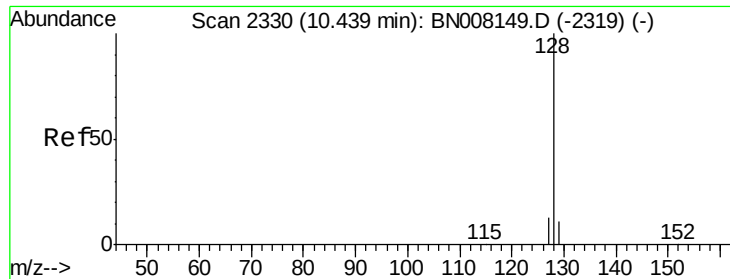
Instrument :
BNA_N
ClientSampleId :
JLMD9

Manual Integrations
APPROVED

mohammad
10/15/2019 1:30:38 PM

Quant Time: Oct 15 04:38:44 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 : Mon Oct 14 17:19:29 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.045 ng/ul

RT: 10.43 min Scan# 2329

Delta R.T. -0.01 min

Lab File: BN008154.D

Acq: 15 Oct 2019 03:34

Instrument :

BNA_N

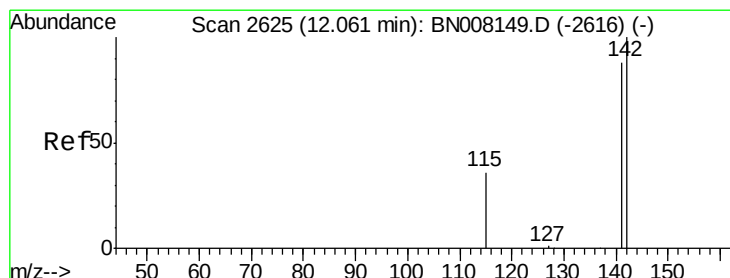
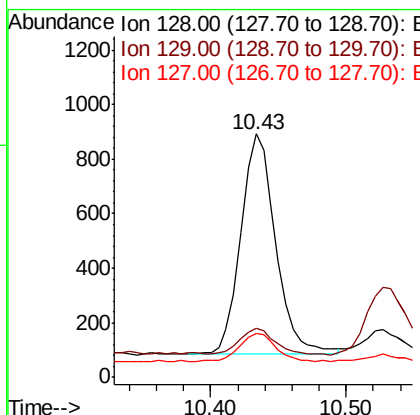
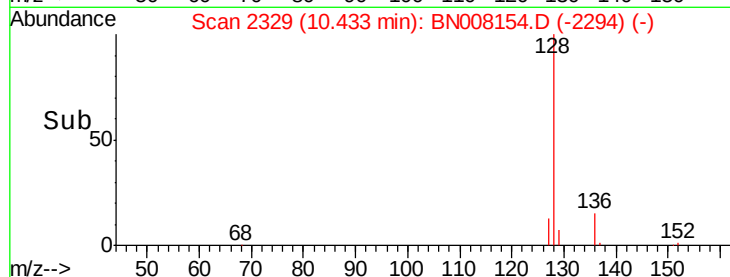
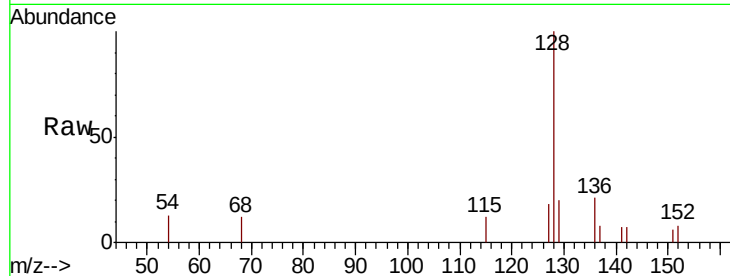
ClientSampleId :

JLMD9

Tot Ion:	128	Resp:	1448
Ion Ratio	Lower	Upper	
128	100		
129	19.9	9.8	14.8#
127	18.3	11.1	16.7#

Manual Integrations
APPROVED

mohammad
10/15/2019 1:30:38 PM



#5

2-Methylnaphthalene

Concen: 0.069 ng/ul

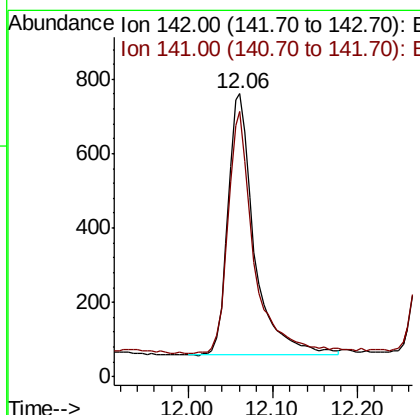
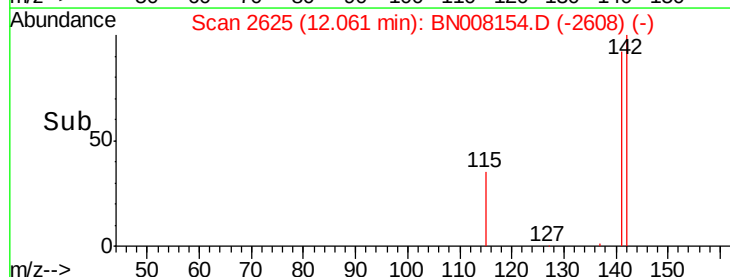
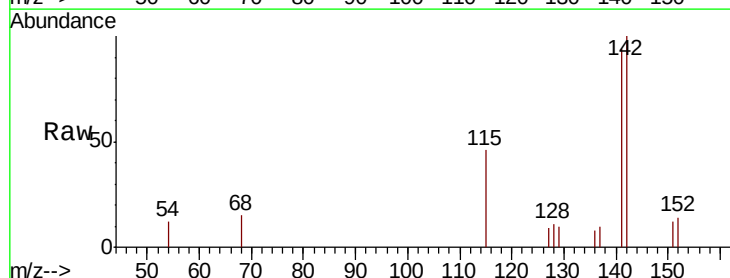
RT: 12.06 min Scan# 2625

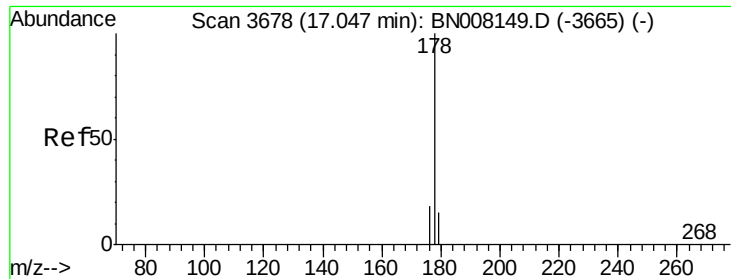
Delta R.T. -0.01 min

Lab File: BN008154.D

Acq: 15 Oct 2019 03:34

Tgt Ion:	142	Resp:	1522
Ion Ratio	Lower	Upper	
142	100		
141	90.1	71.4	107.2





#12

Phenanthrene

Concen: 0.039 ng/ul m

RT: 17.04 min Scan# 3676

Delta R.T. -0.01 min

Lab File: BN008154.D

Acq: 15 Oct 2019 03:34

Instrument :

BNA_N

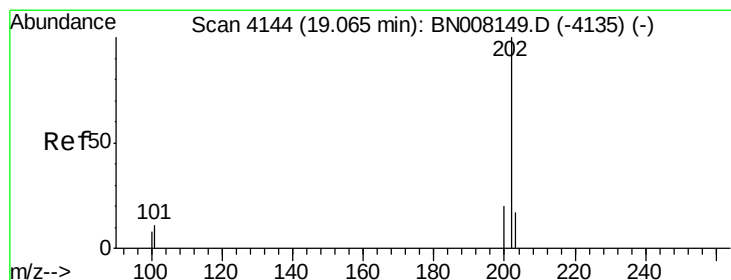
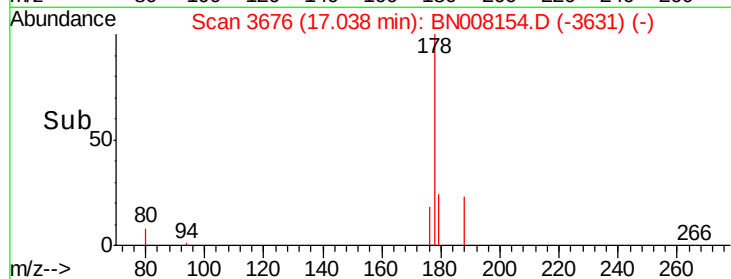
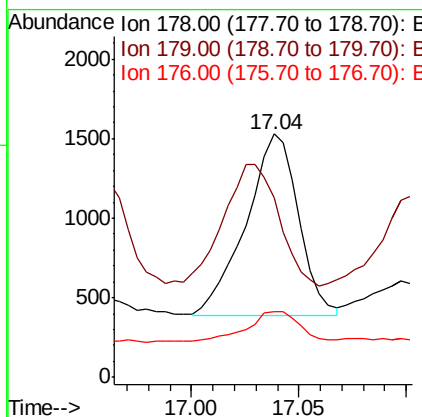
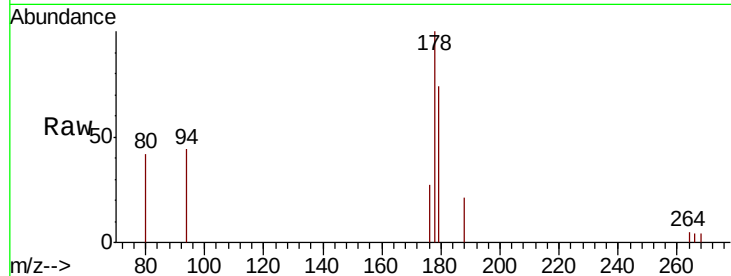
ClientSampleId :

JLMD9

Tot Ion:	178	Resp:	1912
Ion Ratio	Lower	Upper	
178	100		
179	73.9	12.8	19.2#
176	26.8	15.4	23.2#

Manual Integrations
APPROVED

mohammad
10/15/2019 1:30:38 PM



#15

Fluoranthene

Concen: 0.158 ng/ul m

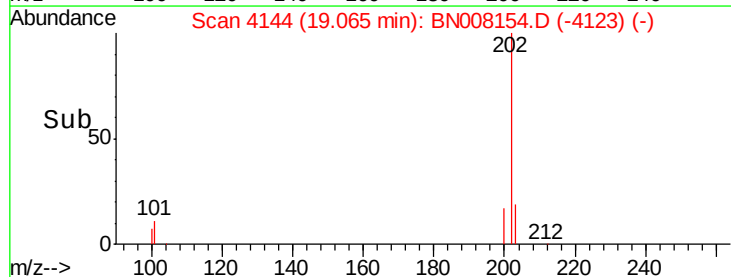
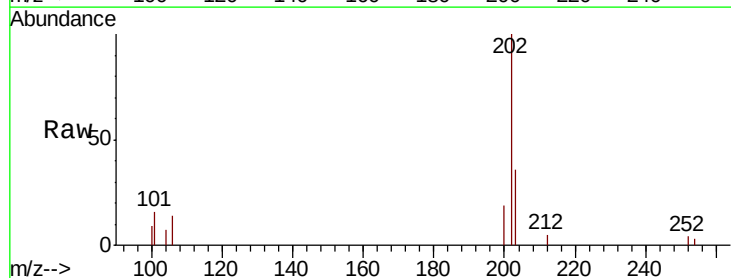
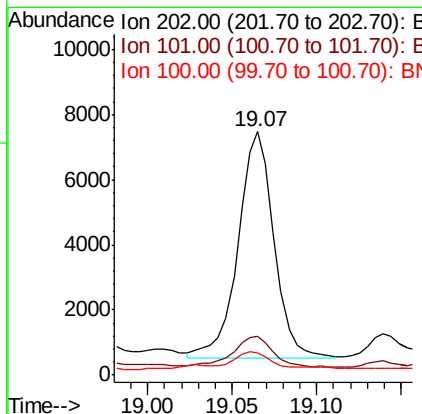
RT: 19.07 min Scan# 4144

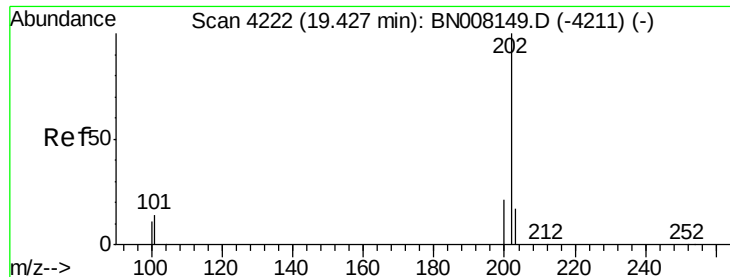
Delta R.T. -0.00 min

Lab File: BN008154.D

Acq: 15 Oct 2019 03:34

Tgt Ion:	202	Resp:	10230
Ion Ratio	Lower	Upper	
202	100		
101	15.9	0.0	31.2
100	9.3	0.0	28.5





#17

Pvrene

Concen: 0.339 ng/ul

RT: 19.43 min Scan# 4222

Delta R.T. -0.00 min

Lab File: BN008154.D

Acq: 15 Oct 2019 03:34

Instrument :

BNA_N

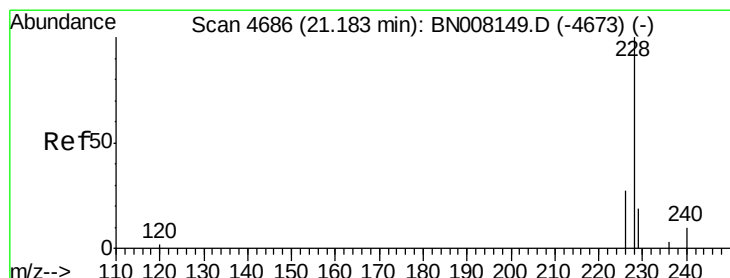
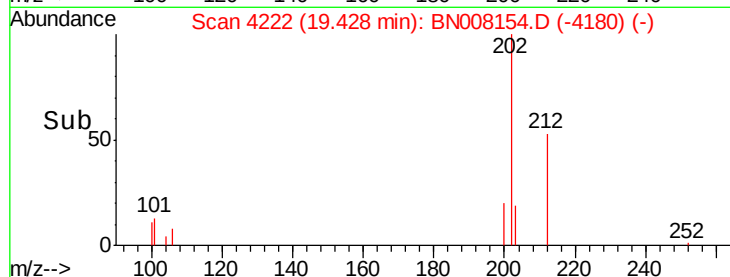
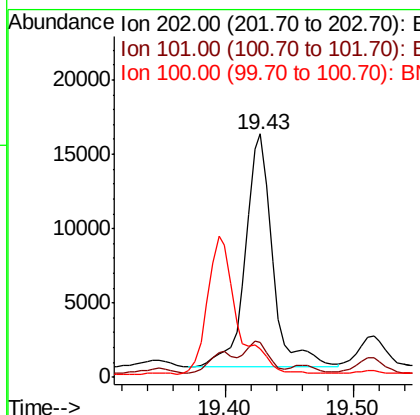
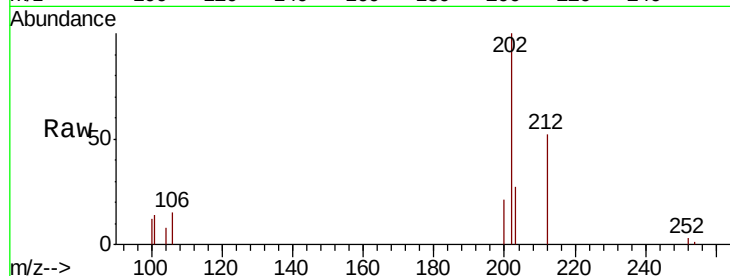
ClientSampleId :

JLMD9

Tot Ion:	202	Resp:	22996
Ion Ratio	Lower	Upper	
202	100		
101	14.2	10.9	16.3
100	11.9	8.7	13.1

Manual Integrations
APPROVED

mohammad
10/15/2019 1:30:38 PM



#18

Benzo(a)anthracene

Concen: 0.206 ng/ul m

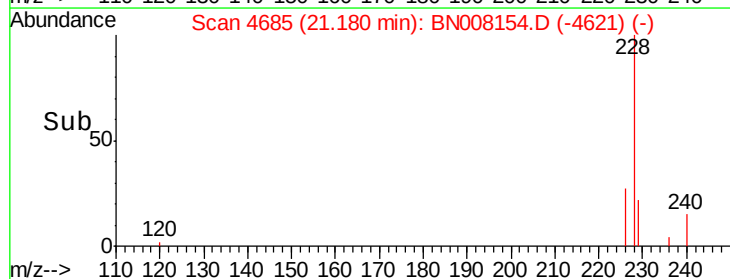
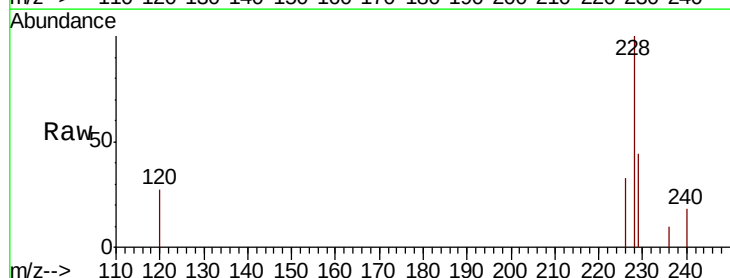
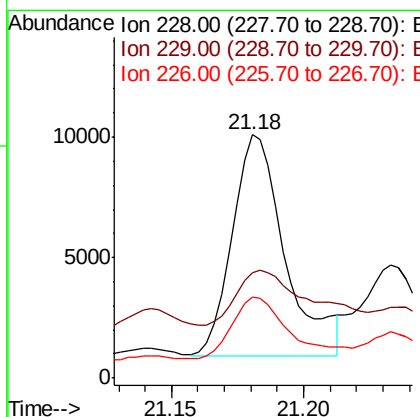
RT: 21.18 min Scan# 4685

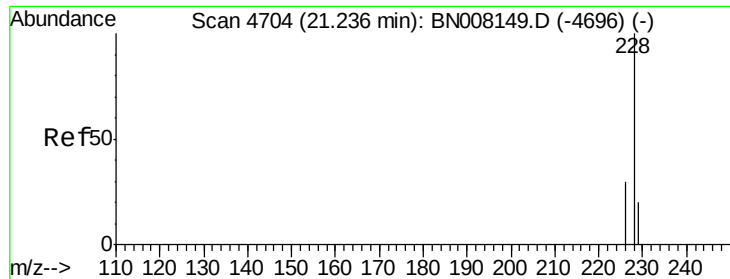
Delta R.T. -0.01 min

Lab File: BN008154.D

Acq: 15 Oct 2019 03:34

Tgt Ion:	228	Resp:	12793
Ion Ratio	Lower	Upper	
228	100		
229	43.5	16.2	24.2#
226	33.5	21.4	32.0#





#19

Chrysene

Concen: 0.073 ng/ul m

RT: 21.23 min Scan# 4703

Delta R.T. -0.01 min

Lab File: BN008154.D

Acq: 15 Oct 2019 03:34

Instrument :

BNA_N

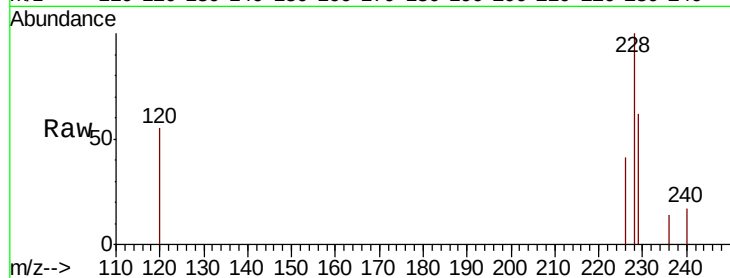
ClientSampleId :

JLMD9

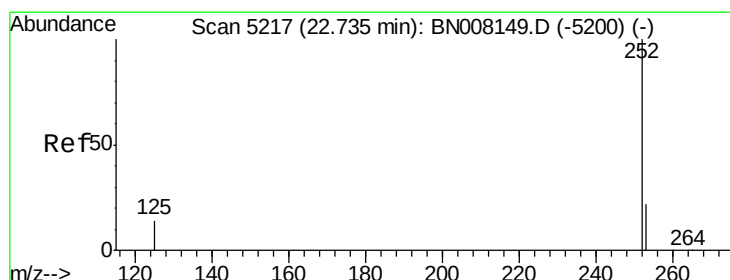
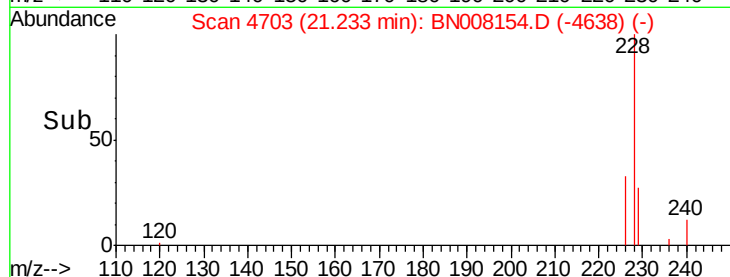
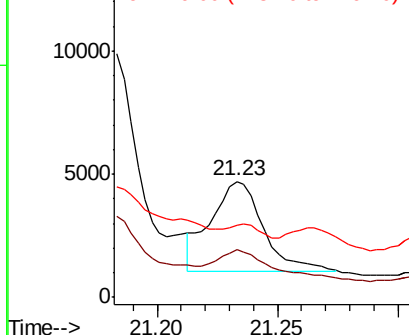
Tot Ion:	228	Resp:	5579
Ion	Ratio	Lower	Upper
228	100		
226	40.7	24.1	36.1#
229	62.0	16.2	24.2#

Manual Integrations
APPROVED

mohammad
10/15/2019 1:30:38 PM



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



#21

Benzo(b)fluoranthene

Concen: 0.267 ng/ul m

RT: 22.74 min Scan# 5217

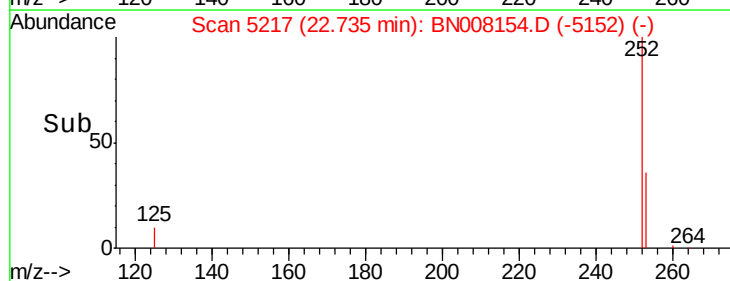
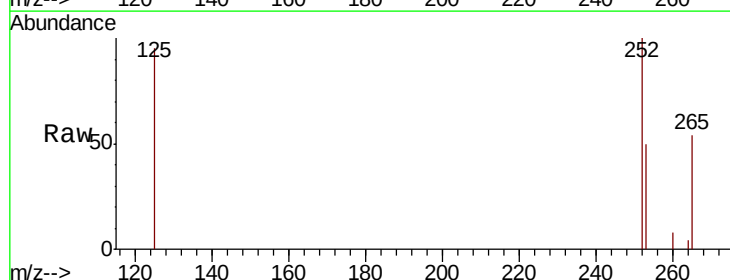
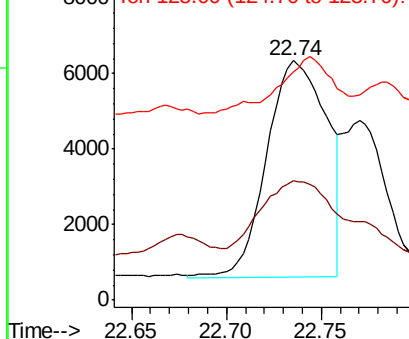
Delta R.T. -0.01 min

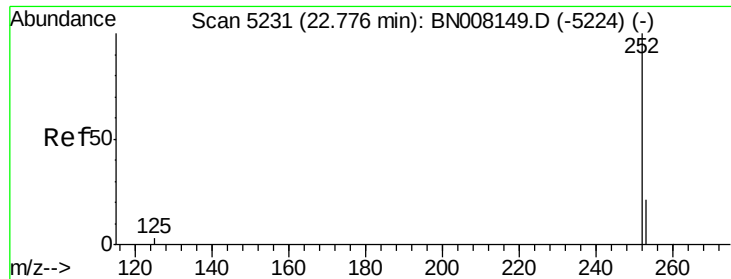
Lab File: BN008154.D

Acq: 15 Oct 2019 03:34

Tgt Ion:	252	Resp:	12686
Ion	Ratio	Lower	Upper
252	100		
253	50.0	0.0	53.4
125	95.5	0.0	32.4#

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





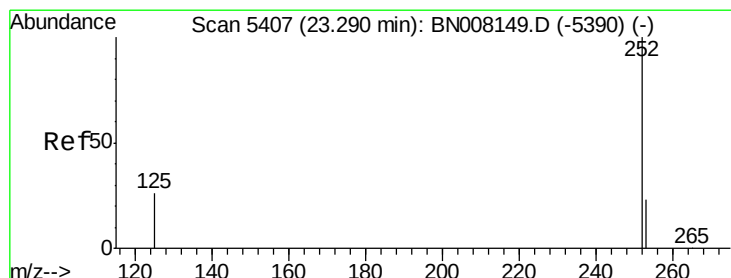
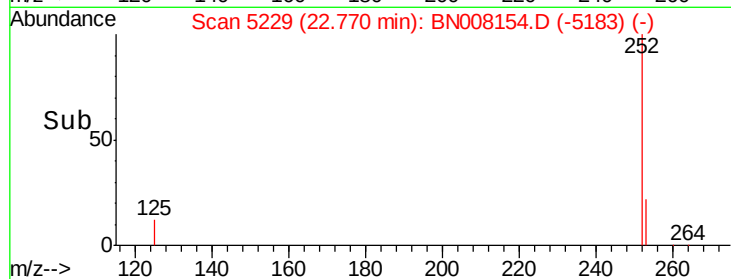
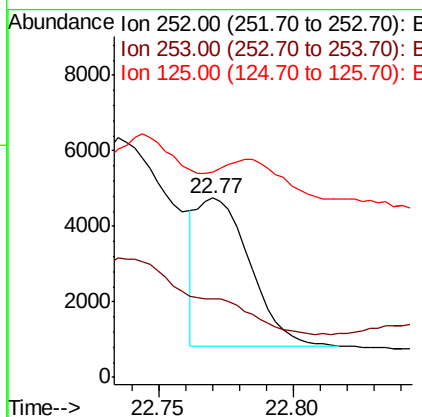
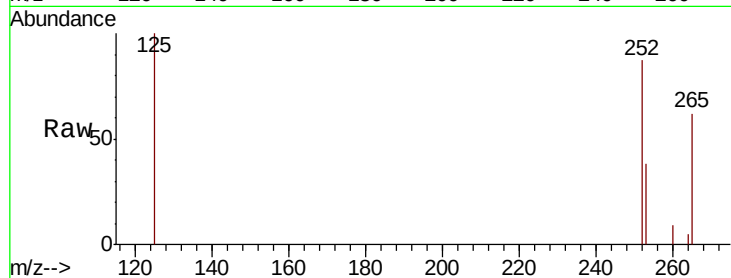
#22
Benzo(k)fluoranthene
Concen: 0.102 ng/ul m
RT: 22.77 min Scan# 5229
Delta R.T. -0.01 min
Lab File: BN008154.D
Acq: 15 Oct 2019 03:34

Instrument :
BNA_N
ClientSampleId :
JLMD9

Tot Ion	Ratio	Lower	Upper
252	100		
253	43.9	21.3	31.9#
125	114.6	12.3	18.5#

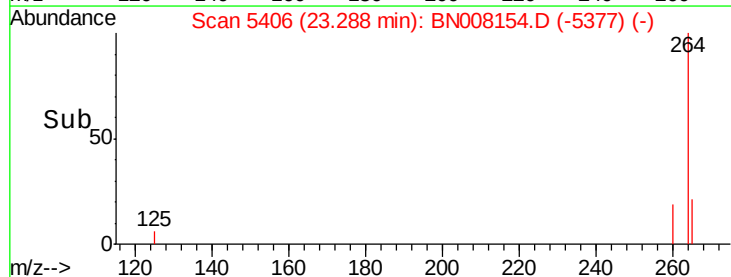
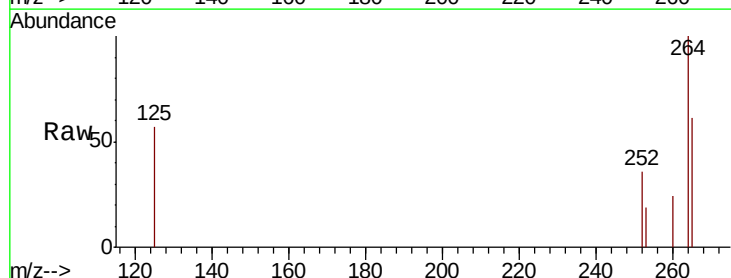
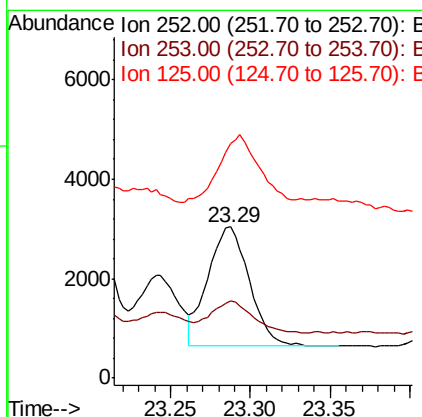
Manual Integrations
APPROVED

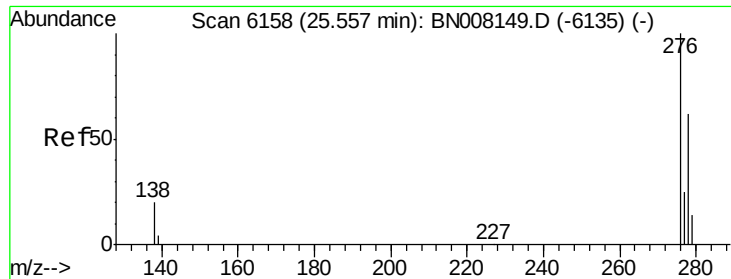
mohammad
10/15/2019 1:30:38 PM



#23
Benzo(a)pyrene
Concen: 0.086 ng/ul
RT: 23.29 min Scan# 5406
Delta R.T. -0.01 min
Lab File: BN008154.D
Acq: 15 Oct 2019 03:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	51.0	22.8	34.2#
125	155.0	18.4	27.6#





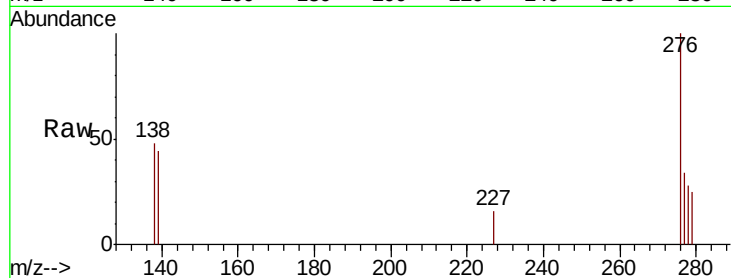
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.067 ng/ul
 RT: 25.55 min Scan# 6156
 Delta R.T. -0.02 min
 Lab File: BN008154.D
 Acq: 15 Oct 2019 03:34

Instrument :
 BNA_N
 ClientSampleId :
 JLMD9

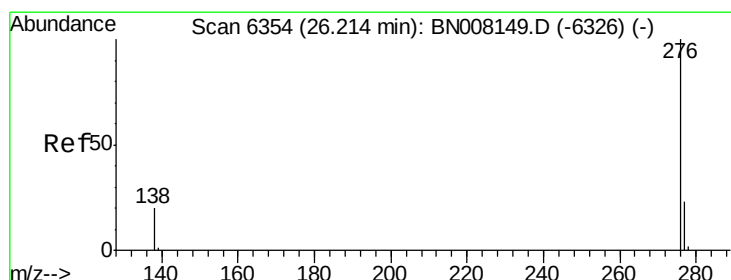
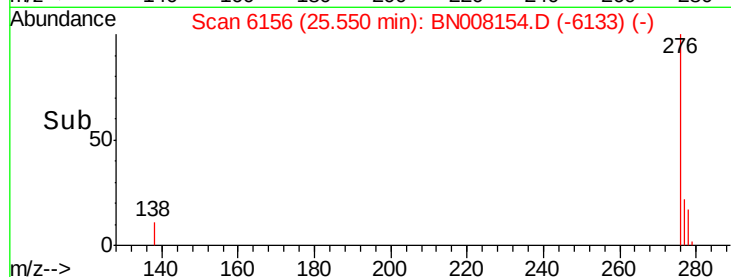
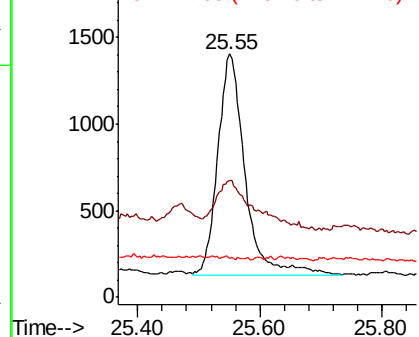
Tot Ion	Ratio	Lower	Upper
276	100		
138	31.0	16.1	24.1#
227	0.4	0.2	0.2#

Manual Integrations
 APPROVED

mohammad
 10/15/2019 1:30:38 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: 0.268 ng/ul
 RT: 26.21 min Scan# 6354
 Delta R.T. -0.02 min
 Lab File: BN008154.D
 Acq: 15 Oct 2019 03:34

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.0	17.0	25.4#
277	26.6	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

