

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111819\
 Data File : BN008601.D
 Acq On : 18 Nov 2019 13:30
 Operator : JU
 Sample : K5678-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLM65

Manual Integrations
 APPROVED

mohammad
 11/19/2019 2:44:31 PM

Quant Time: Nov 18 14:14:23 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 : Fri Nov 15 22:41:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	3088	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	10830	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	6272	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.99	188	13298m	0.40	ng/ul	0.00
16) Chrysene-d12	21.19	240	10649	0.40	ng/ul	0.00
20) Perylene-d12	23.37	264	11042	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	4119	0.23	ng/ul	0.00
14) Fluoranthene-d10	19.02	212	9509	0.23	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.44	128	7010	0.215	ng/ul	98
5) 2-Methylnaphthalene	12.06	142	4384	0.192	ng/ul	100
7) Acenaphthylene	13.97	152	3742	0.108	ng/ul#	92
8) Acenaphthene	14.31	153	774	0.030	ng/ul#	92
9) Fluorene	15.30	166	1341	0.044	ng/ul#	72
11) Pentachlorophenol	16.65	266	1042	0.207	ng/ul	97
12) Phenanthrene	17.03	178	35176	0.784	ng/ul	99
13) Anthracene	17.12	178	4854	0.115	ng/ul#	82
15) Fluoranthene	19.06	202	63703	1.156	ng/ul	100
17) Pyrene	19.42	202	70236	1.644	ng/ul	97
18) Benzo(a)anthracene	21.17	228	29921	0.699	ng/ul#	87
19) Chrysene	21.23	228	66661	1.585	ng/ul#	96
21) Benzo(b)fluoranthene	22.72	252	53433m	1.174	ng/ul	
22) Benzo(k)fluoranthene	22.76	252	13104m	0.290	ng/ul	
23) Benzo(a)pyrene	23.27	252	50331	1.178	ng/ul#	81
24) Indeno(1,2,3-cd)pyrene	25.52	276	26549	0.531	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.52	278	9351	0.232	ng/ul#	1
26) Benzo(g,h,i)perylene	26.17	276	52401	1.253	ng/ul#	86

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

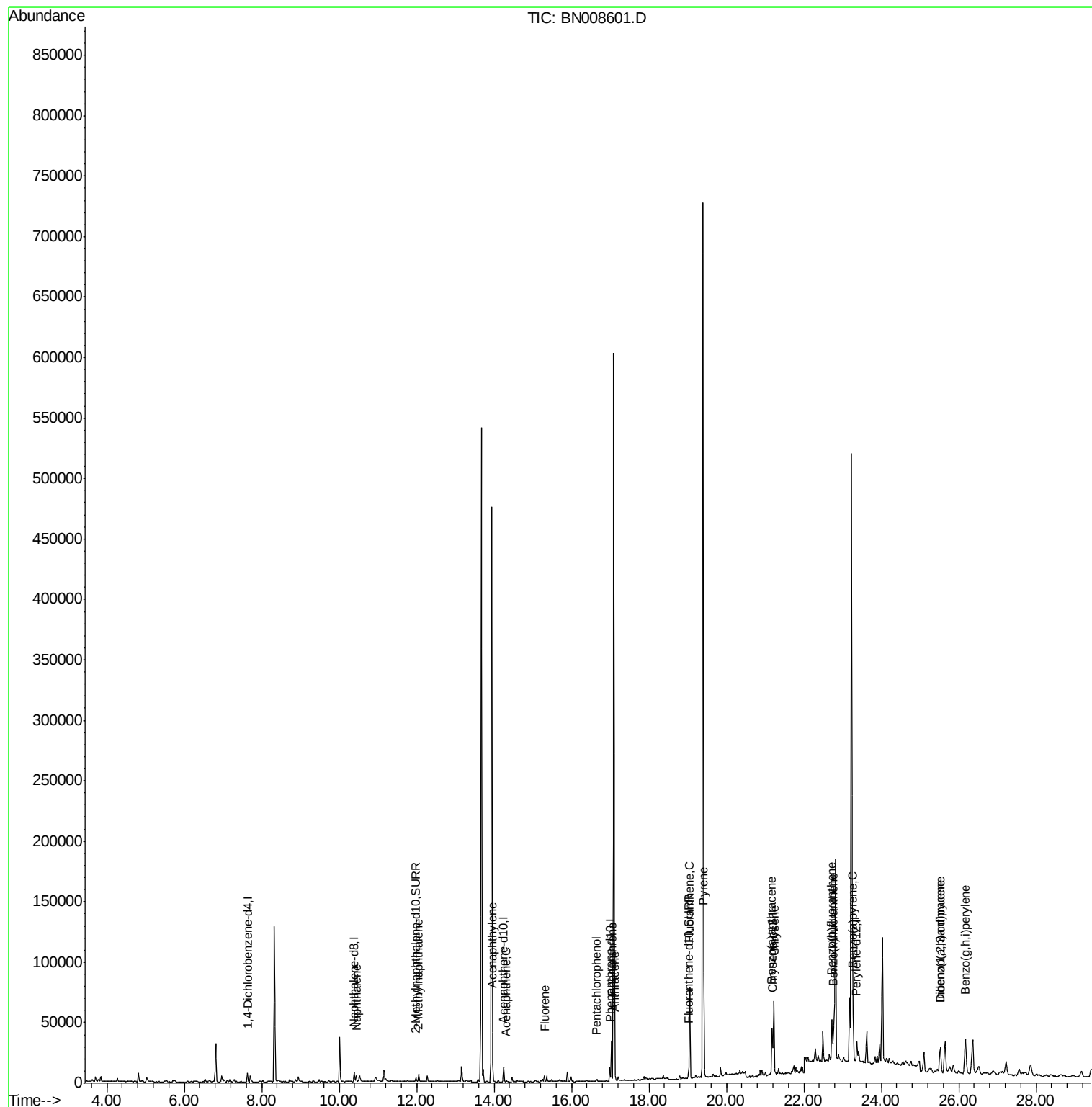
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111819\
Data File : BN008601.D
Acq On : 18 Nov 2019 13:30
Operator : JU
Sample : K5678-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

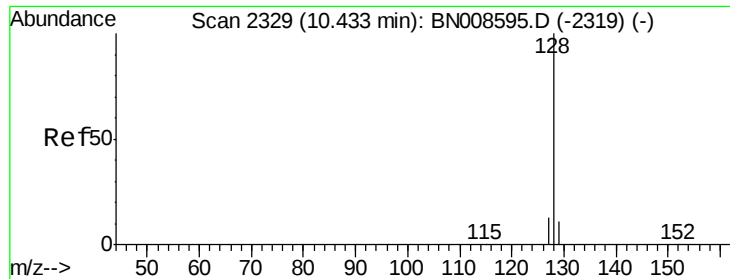
Instrument :
BNA_N
ClientSampleId :
JLM65

Manual Integrations
APPROVED

mohammad
11/19/2019 2:44:31 PM

Quant Time: Nov 18 14:14:23 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 : Fri Nov 15 22:41:33 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.215 ng/ul

RT: 10.44 min Scan# 2330

Delta R.T. -0.00 min

Lab File: BN008601.D

Acq: 18 Nov 2019 13:30

Instrument :

BNA_N

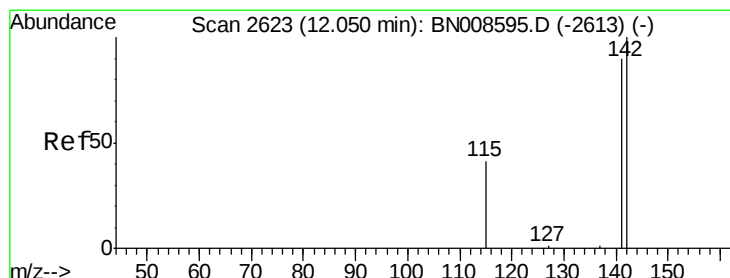
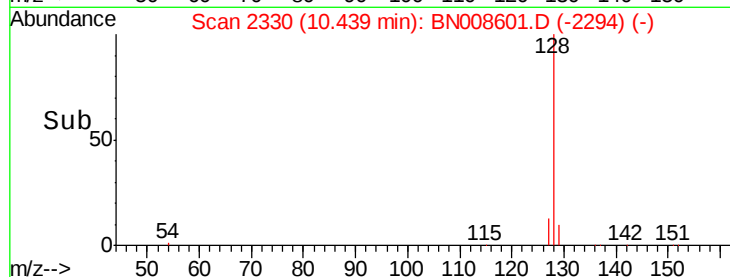
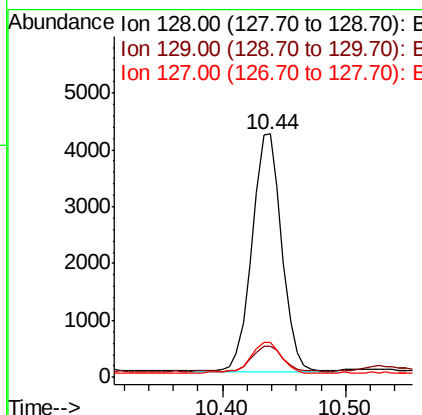
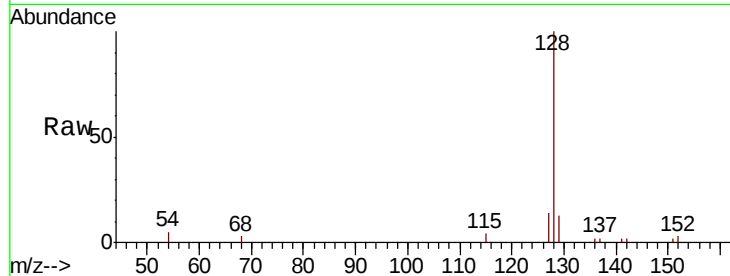
ClientSampleId :

JLM65

Tot Ion:	128	Resp:	7010
Ion	Ratio	Lower	Upper
128	100		
129	12.8	9.7	14.5
127	14.5	10.8	16.2

Manual Integrations
APPROVED

mohammad
11/19/2019 2:44:31 PM



#5

2-Methylnaphthalene

Concen: 0.192 ng/ul

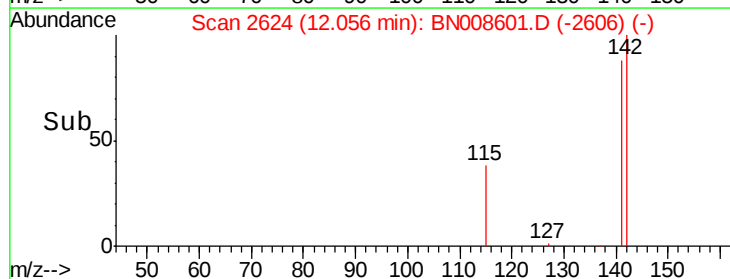
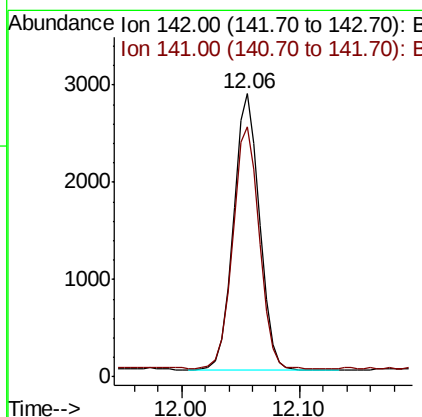
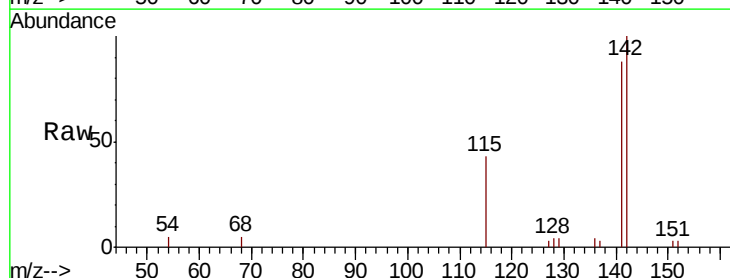
RT: 12.06 min Scan# 2624

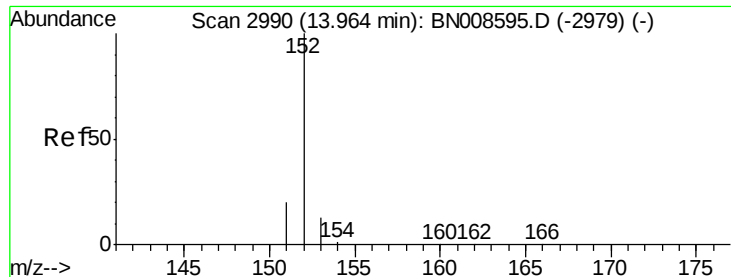
Delta R.T. -0.00 min

Lab File: BN008601.D

Acq: 18 Nov 2019 13:30

Tgt Ion:	142	Resp:	4384
Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.5	105.7





#7

Acenaphthylene

Concen: 0.108 ng/ul

RT: 13.97 min Scan# 2991

Delta R.T. 0.00 min

Lab File: BN008601.D

Acq: 18 Nov 2019 13:30

Instrument :

BNA_N

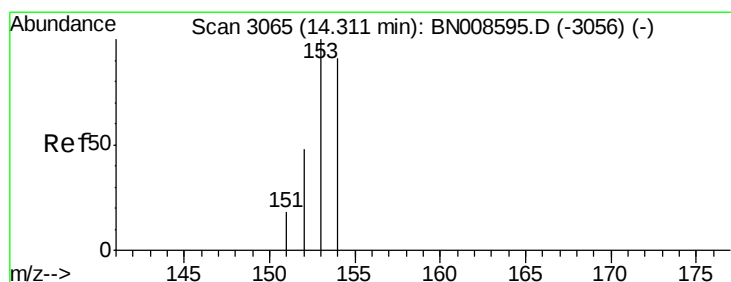
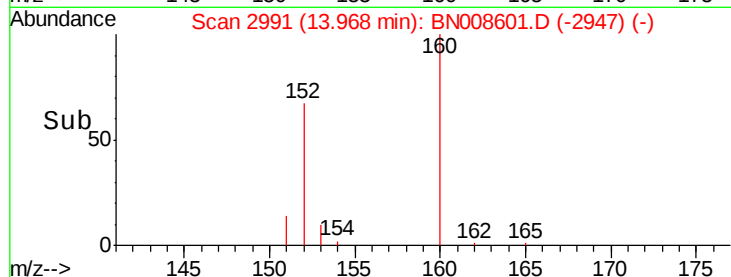
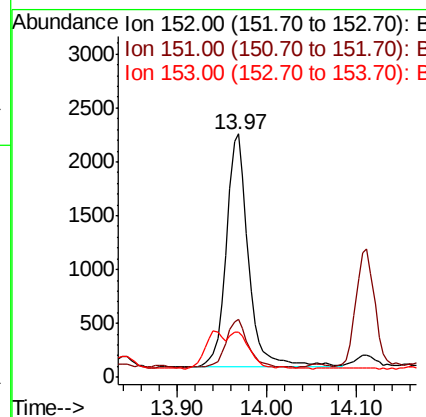
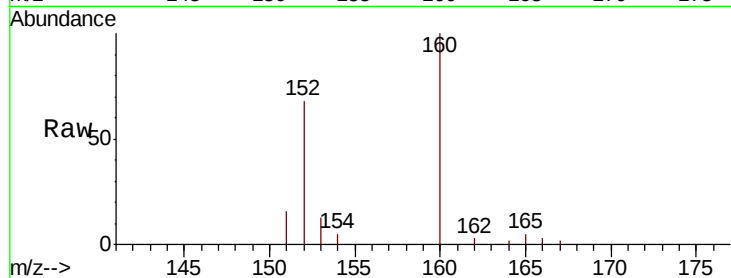
ClientSampleId :

JLM65

Tot Ion:	152	Resp:	3742
Ion Ratio	Lower	Upper	
152	100		
151	23.6	16.6	24.8
153	18.4	11.1	16.7#

Manual Integrations
APPROVED

mohammad
11/19/2019 2:44:31 PM



#8

Acenaphthene

Concen: 0.030 ng/ul

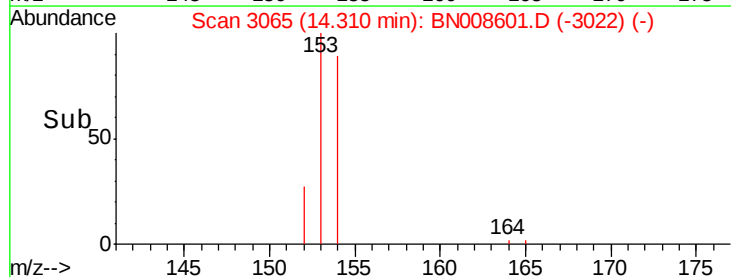
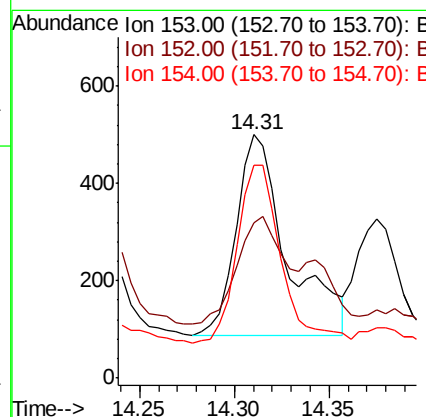
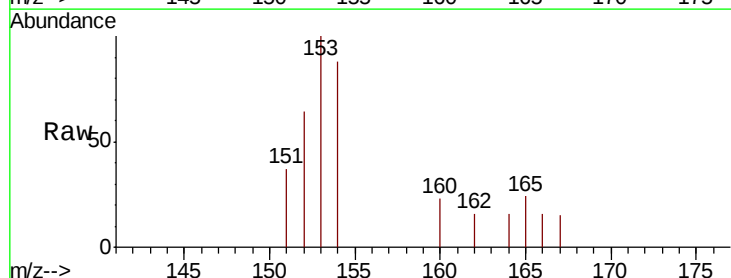
RT: 14.31 min Scan# 3065

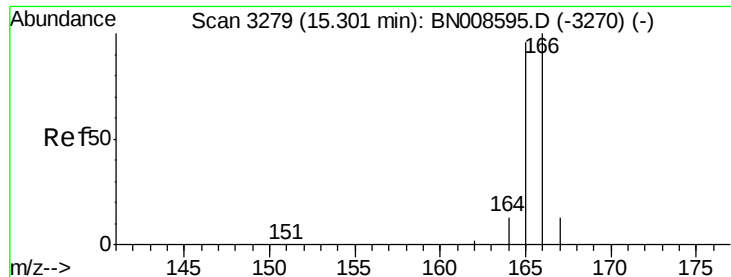
Delta R.T. -0.00 min

Lab File: BN008601.D

Acq: 18 Nov 2019 13:30

Tgt Ion:	153	Resp:	774
Ion Ratio	Lower	Upper	
153	100		
152	63.8	39.6	59.4#
154	87.6	70.6	106.0





#9

Fluorene

Concen: 0.044 ng/ul

RT: 15.30 min Scan# 3279

Delta R.T. -0.00 min

Lab File: BN008601.D

Acq: 18 Nov 2019 13:30

Instrument :

BNA_N

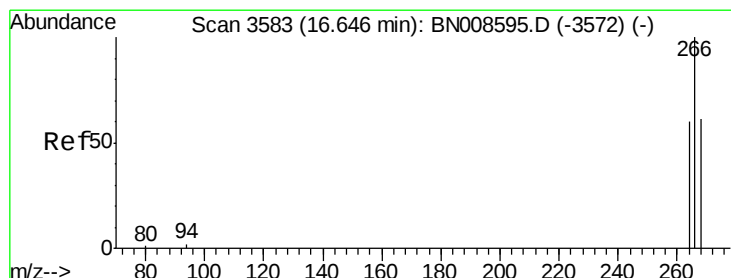
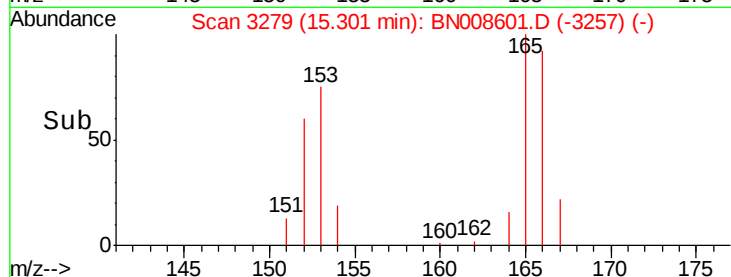
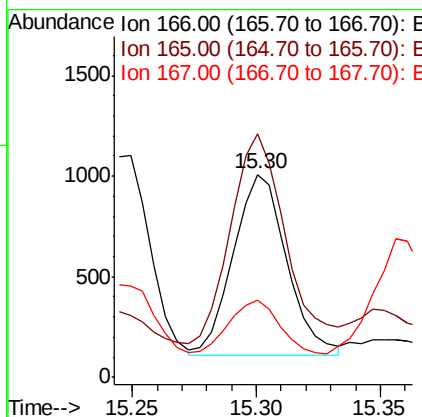
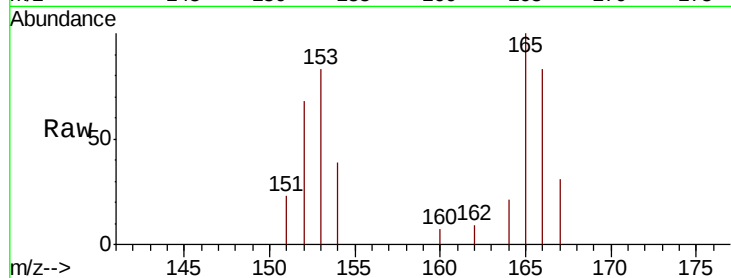
ClientSampleId :

JLM65

Tot Ion	Ratio	Lower	Upper
166	100		
165	120.0	77.4	116.0#
167	37.8	11.4	17.0#

Manual Integrations
APPROVED

mohammad
11/19/2019 2:44:31 PM



#11

Pentachlorophenol

Concen: 0.207 ng/ul

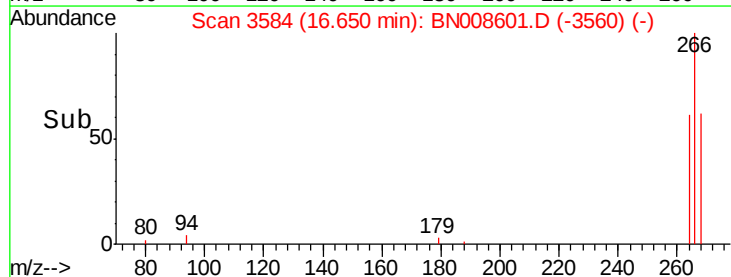
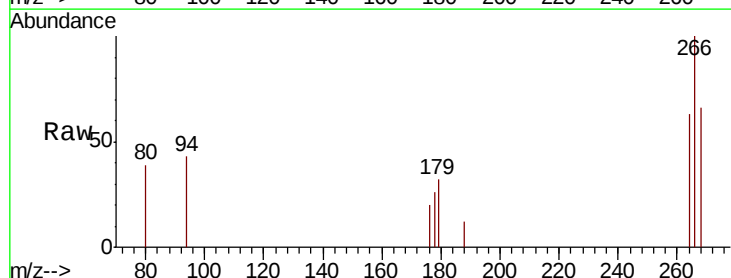
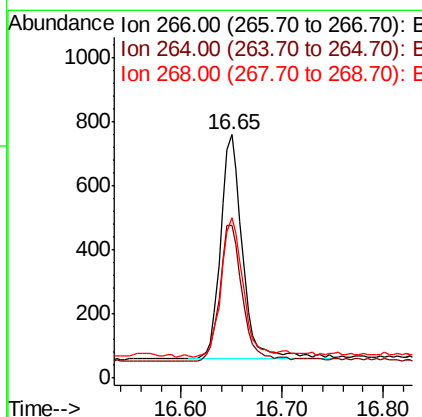
RT: 16.65 min Scan# 3584

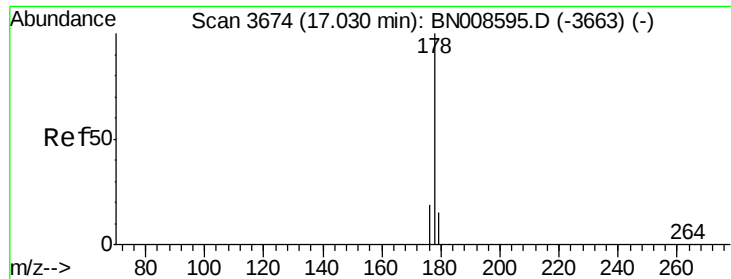
Delta R.T. -0.00 min

Lab File: BN008601.D

Acq: 18 Nov 2019 13:30

Tgt Ion	Ratio	Lower	Upper
266	100		
264	65.7	49.2	73.8
268	62.7	50.9	76.3





#12

Phenanthrene

Concen: 0.784 ng/ul

RT: 17.03 min Scan# 3675

Delta R.T. 0.00 min

Lab File: BN008601.D

Acq: 18 Nov 2019 13:30

Instrument :

BNA_N

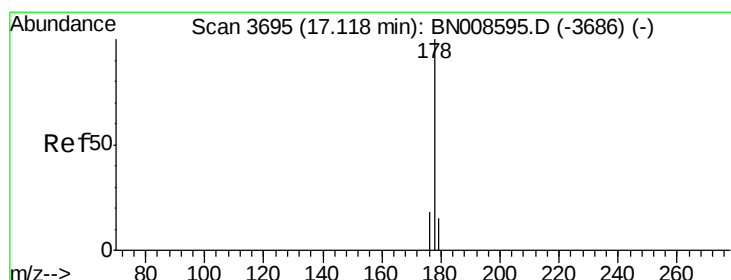
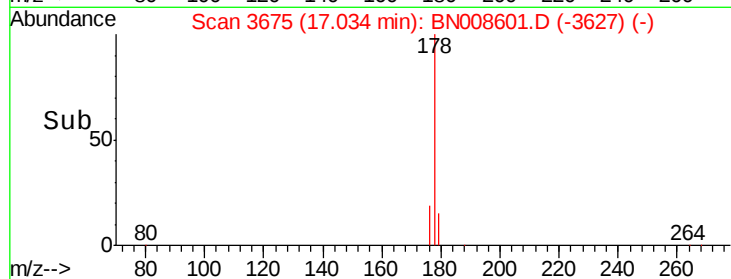
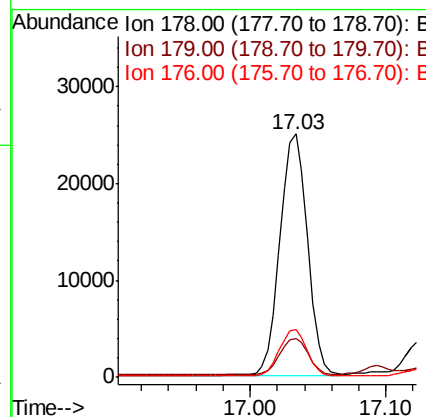
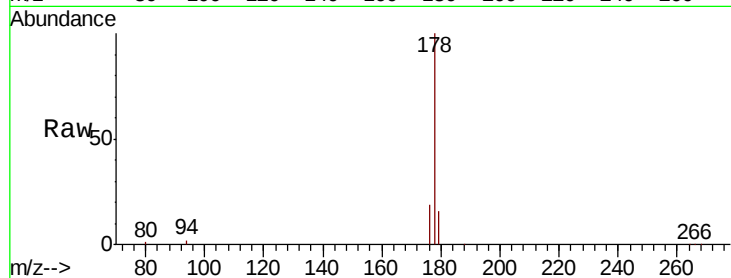
ClientSampleId :

JLM65

Tot Ion:178	Resp:	35176
Ion Ratio	Lower	Upper
178	100	
179	16.2	12.8 19.2
176	19.5	16.0 24.0

Manual Integrations
APPROVED

mohammad
11/19/2019 2:44:31 PM



#13

Anthracene

Concen: 0.115 ng/ul

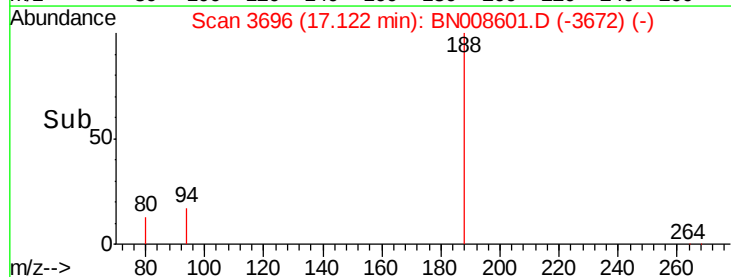
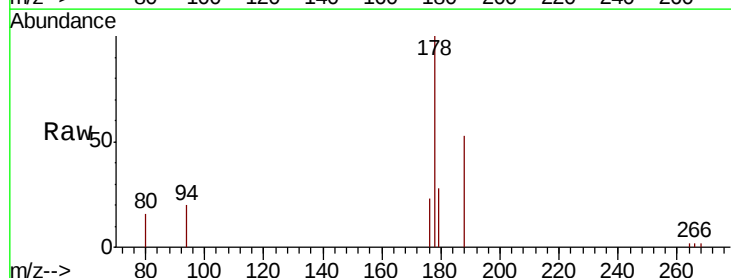
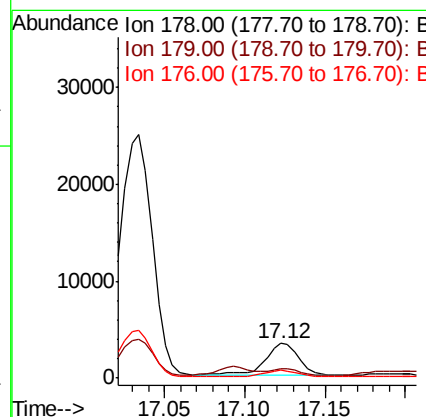
RT: 17.12 min Scan# 3696

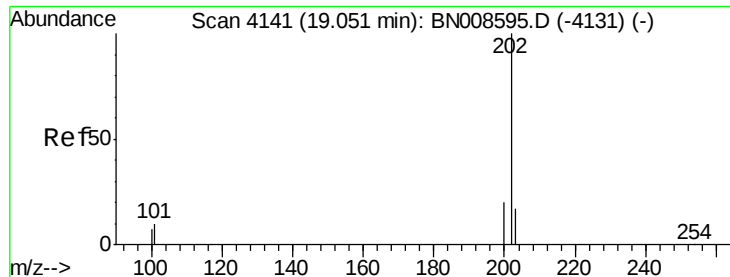
Delta R.T. -0.00 min

Lab File: BN008601.D

Acq: 18 Nov 2019 13:30

Tgt Ion:178	Resp:	4854
Ion Ratio	Lower	Upper
178	100	
179	28.1	13.0 19.4#
176	23.1	15.3 22.9#





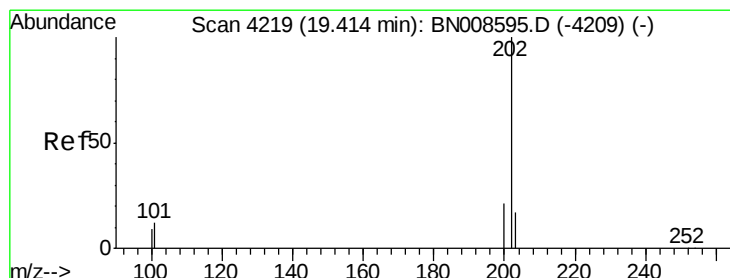
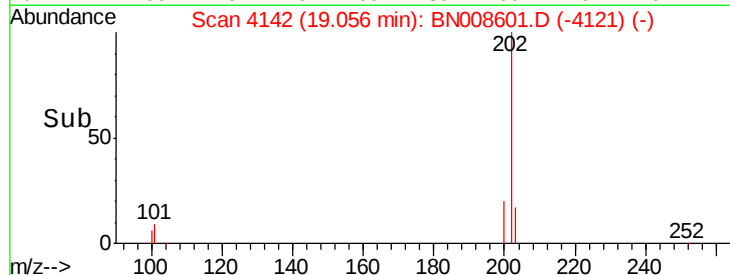
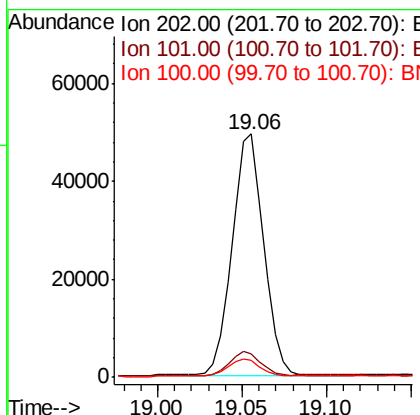
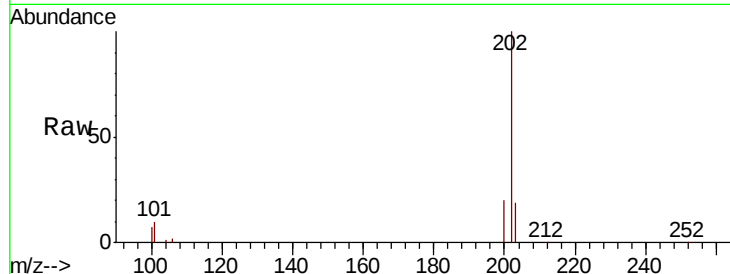
#15
Fluoranthene
Concen: 1.156 ng/ul
RT: 19.06 min Scan# 4142
Delta R.T. -0.00 min
Lab File: BN008601.D
Acq: 18 Nov 2019 13:30

Instrument :
BNA_N
ClientSampleId :
JLM65

Tot Ion	Ratio	Resp	Lower	Upper
202	100	63703		
101	9.7	0.0	29.6	
100	7.0	0.0	27.0	

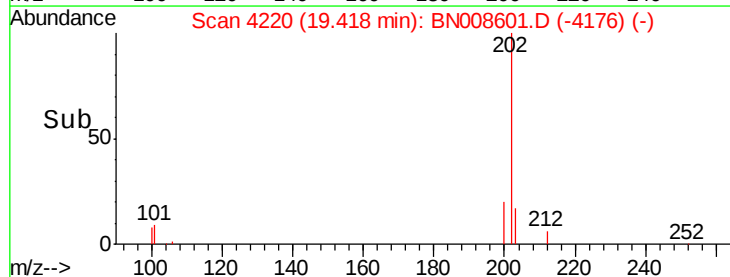
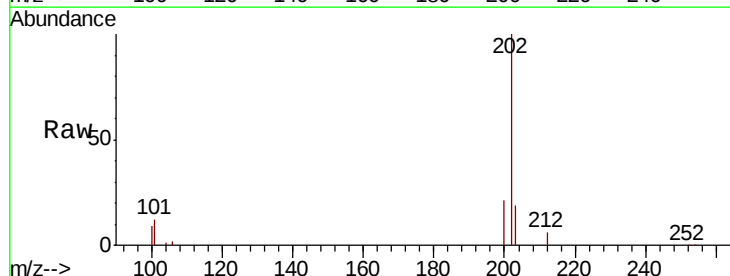
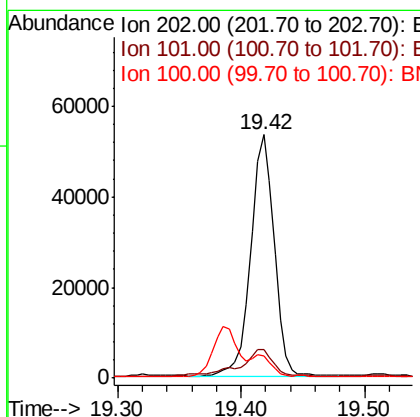
Manual Integrations
APPROVED

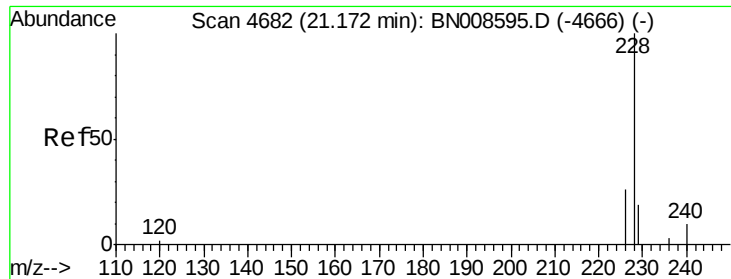
mohammad
11/19/2019 2:44:31 PM



#17
Pyrene
Concen: 1.644 ng/ul
RT: 19.42 min Scan# 4220
Delta R.T. 0.00 min
Lab File: BN008601.D
Acq: 18 Nov 2019 13:30

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	70236		
101	11.6	10.2	15.2	
100	9.0	8.2	12.2	





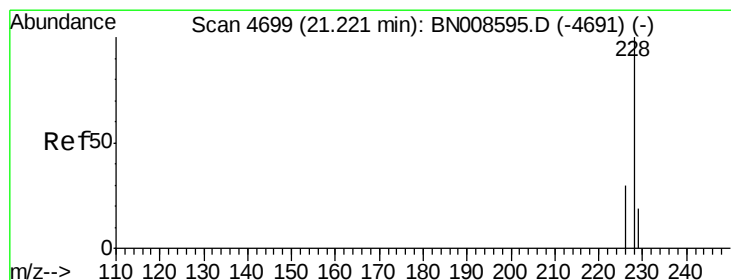
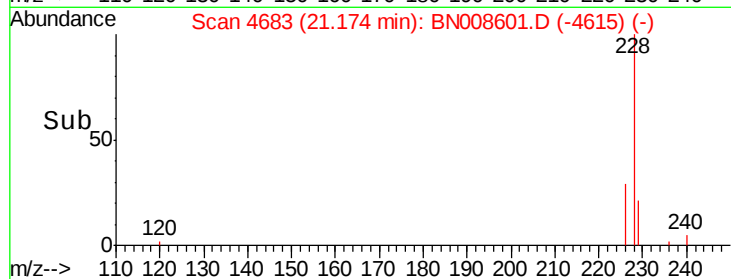
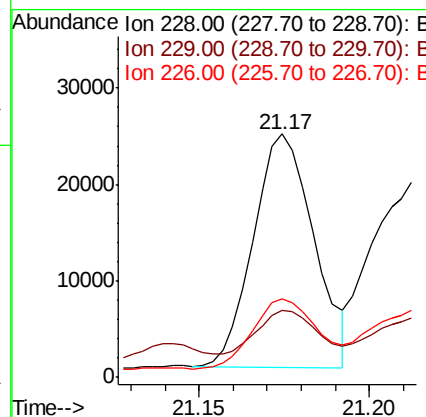
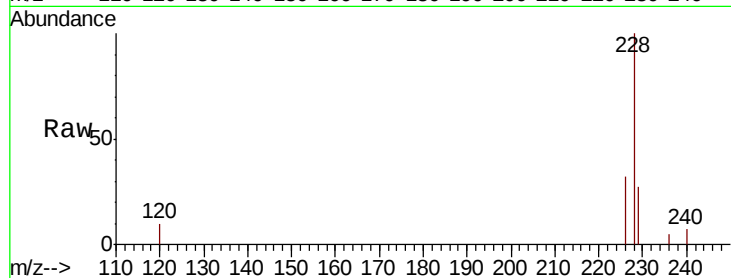
#18
Benzo(a)anthracene
Concen: 0.699 ng/ul
RT: 21.17 min Scan# 4683
Delta R.T. -0.00 min
Lab File: BN008601.D
Acq: 18 Nov 2019 13:30

Instrument :
BNA_N
ClientSampleId :
JLM65

Tot Ion	Ratio	Lower	Upper
228	100		
229	27.3	15.8	23.6#
226	32.0	21.6	32.4

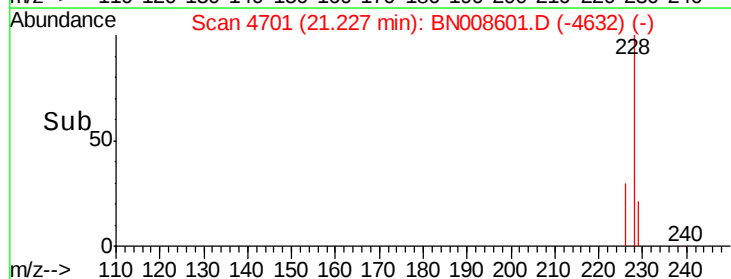
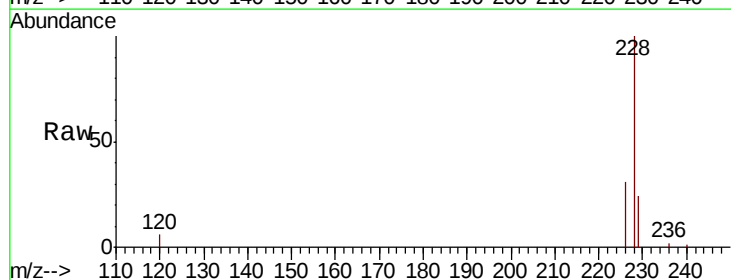
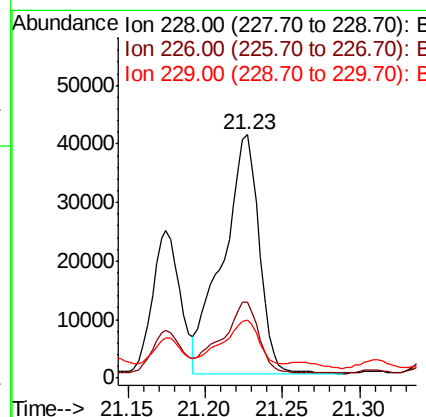
Manual Integrations
APPROVED

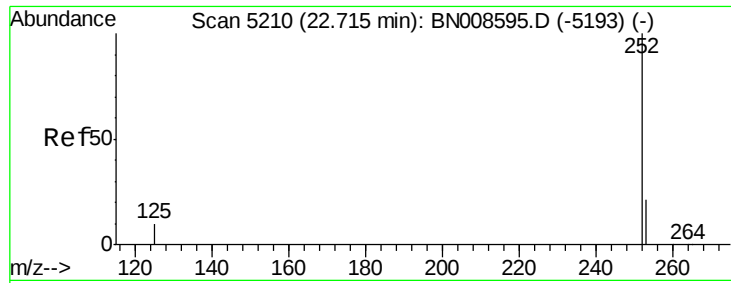
mohammad
11/19/2019 2:44:31 PM



#19
Chrysene
Concen: 1.585 ng/ul
RT: 21.23 min Scan# 4701
Delta R.T. 0.00 min
Lab File: BN008601.D
Acq: 18 Nov 2019 13:30

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.5	36.7
229	24.1	15.5	23.3#





#21

Benzo(b)fluoranthene

Concen: 1.174 ng/ul m

RT: 22.72 min Scan# 5213

Delta R.T. 0.01 min

Lab File: BN008601.D

Acq: 18 Nov 2019 13:30

Instrument :

BNA_N

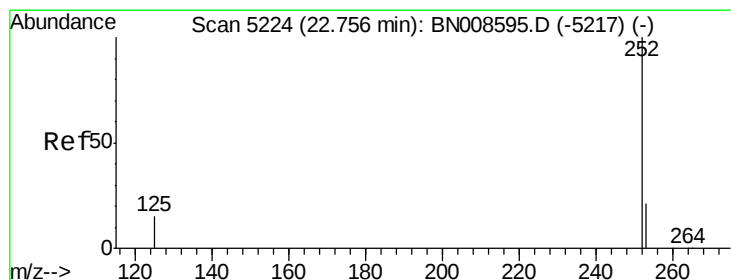
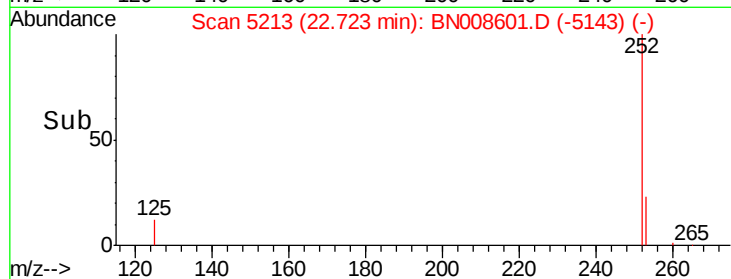
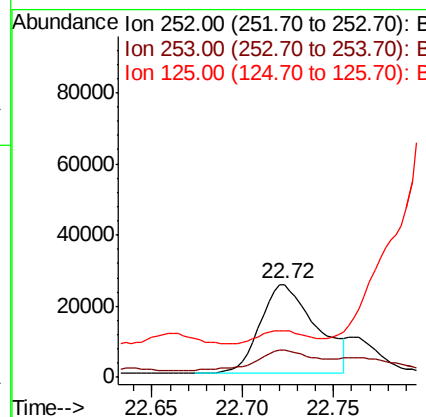
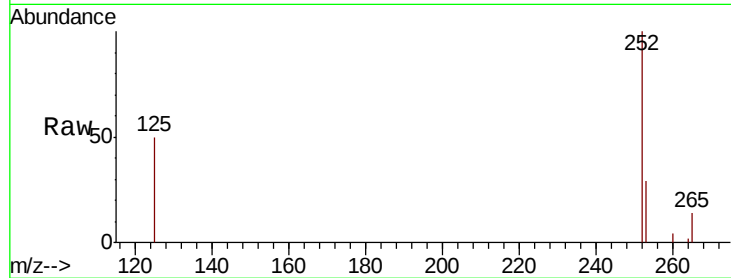
ClientSampleId :

JLM65

Tot Ion	Ratio	Lower	Upper
252	100		
253	29.0	0.0	50.2
125	50.1	0.0	30.0#

Manual Integrations
APPROVED

mohammad
11/19/2019 2:44:31 PM



#22

Benzo(k)fluoranthene

Concen: 0.290 ng/ul m

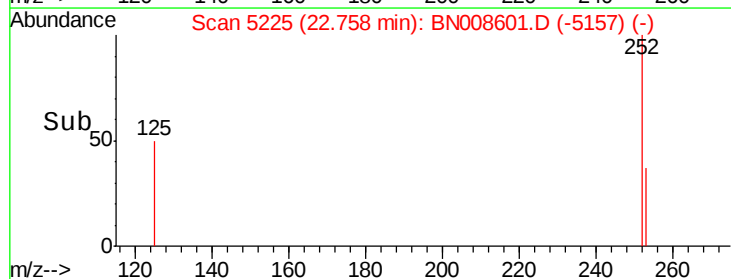
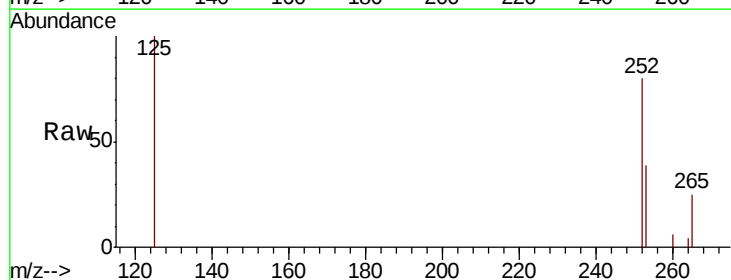
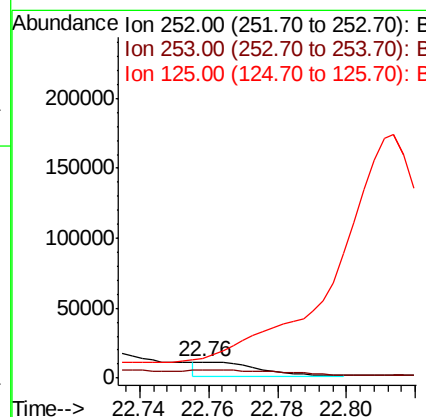
RT: 22.76 min Scan# 5225

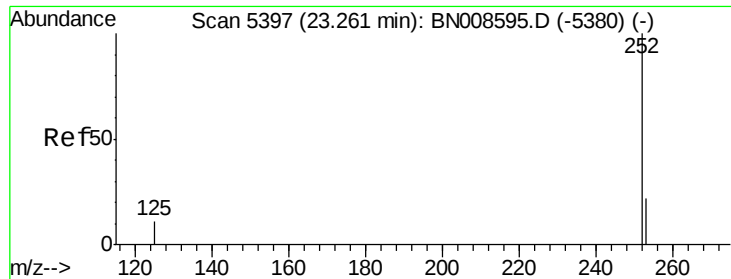
Delta R.T. -0.00 min

Lab File: BN008601.D

Acq: 18 Nov 2019 13:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	48.5	20.5	30.7#
125	125.3	15.0	22.4#





#23

Benzo(a)pyrene

Concen: 1.178 ng/uL

RT: 23.27 min Scan# 5400

Delta R.T. 0.00 min

Lab File: BN008601.D

Acq: 18 Nov 2019 13:30

Instrument :

BNA_N

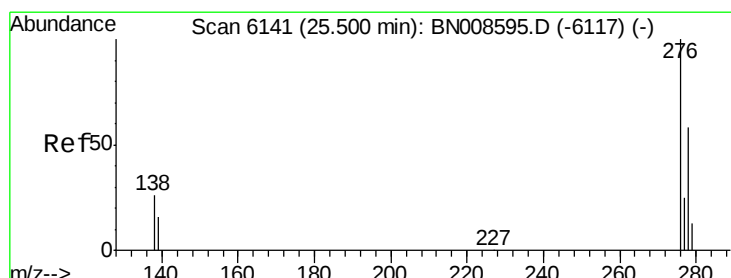
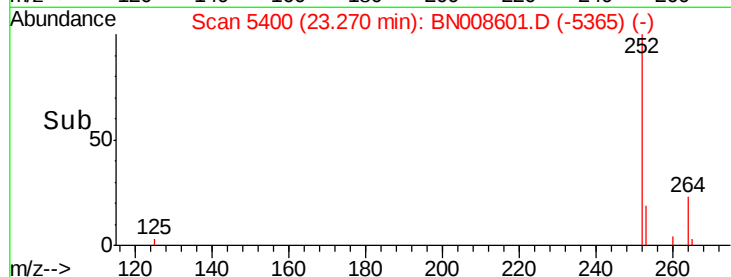
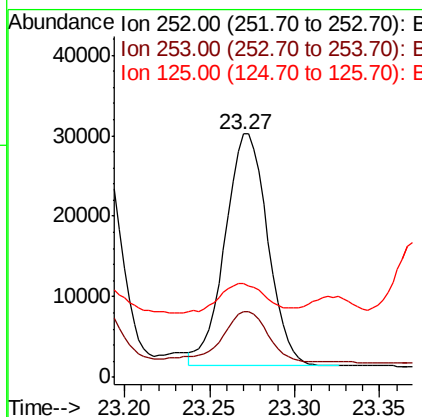
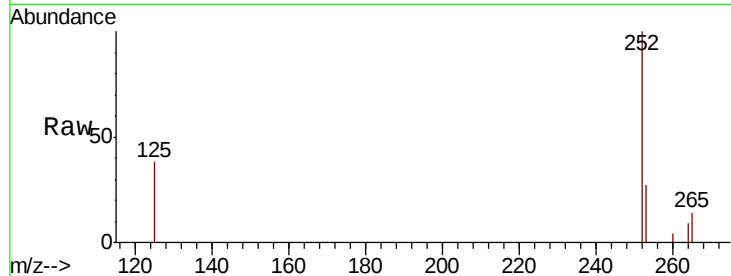
ClientSampleId :

JLM65

Tot Ion:	252	Resp:	50331
Ion Ratio	Lower	Upper	
252	100		
253	27.1	21.4	32.2
125	38.4	13.8	20.8#

Manual Integrations
APPROVED

mohammad
11/19/2019 2:44:31 PM



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.531 ng/uL

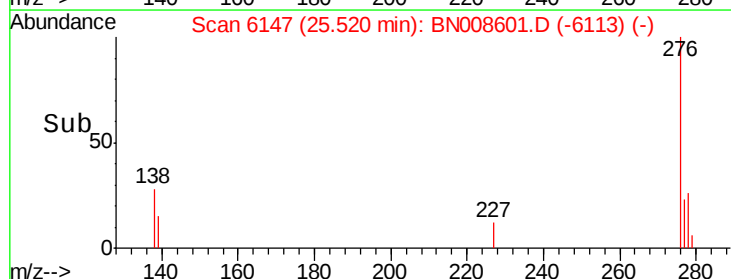
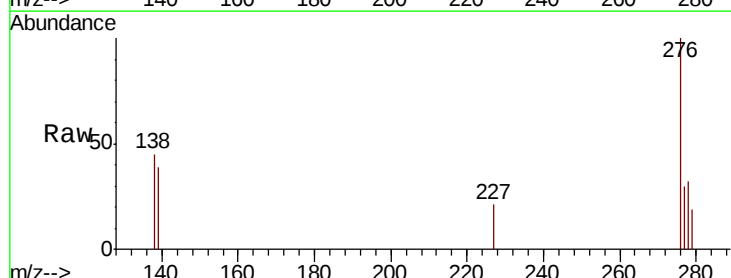
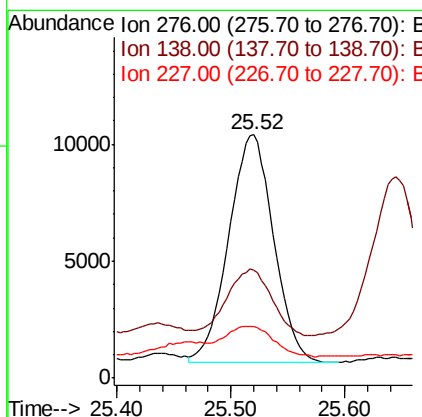
RT: 25.52 min Scan# 6147

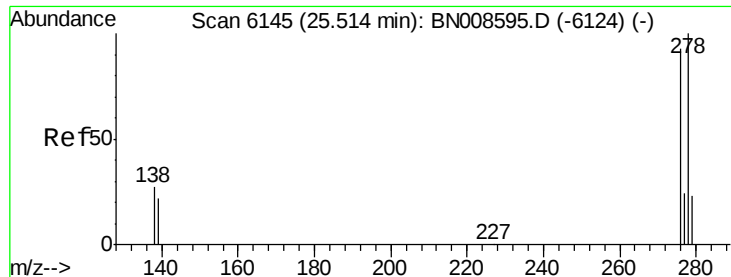
Delta R.T. 0.01 min

Lab File: BN008601.D

Acq: 18 Nov 2019 13:30

Tgt Ion:	276	Resp:	26549
Ion Ratio	Lower	Upper	
276	100		
138	28.9	21.7	32.5
227	14.6	0.2	0.2#





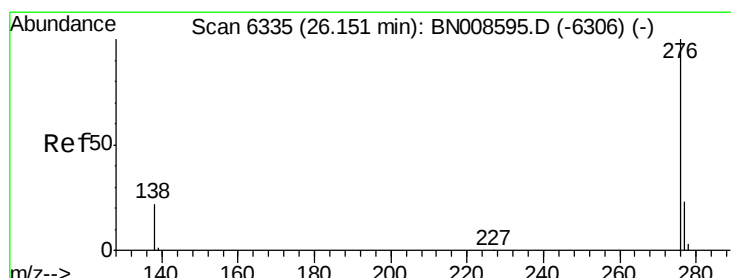
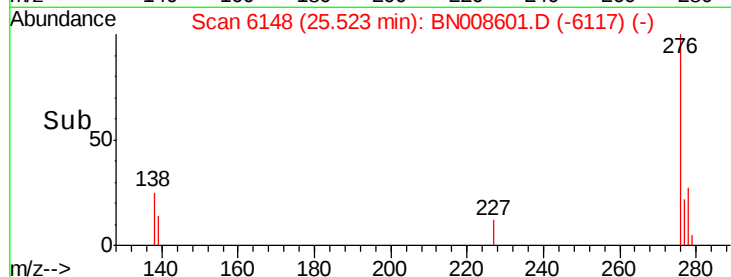
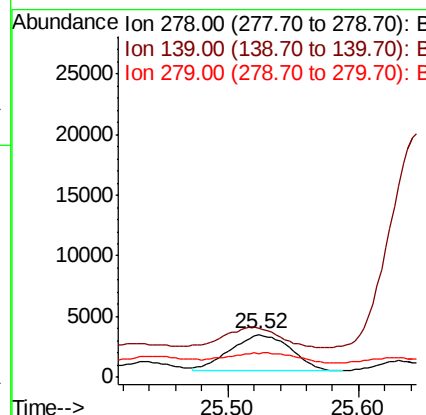
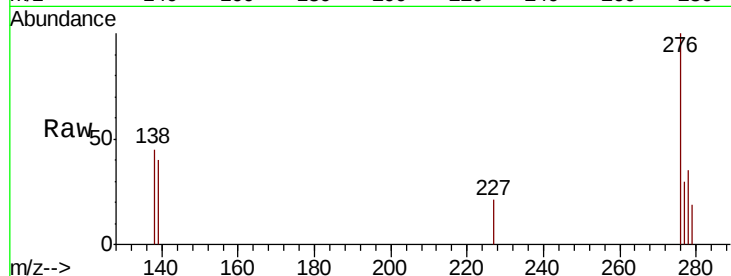
#25
Dibenzo(a,h)anthracene
Concen: 0.232 ng/ul
RT: 25.52 min Scan# 6148
Delta R.T. 0.00 min
Lab File: BN008601.D
Acq: 18 Nov 2019 13:30

Instrument :
BNA_N
ClientSampled :
JLM65

Tot Ion	Ratio	Lower	Upper
278	100		
139	114.2	18.7	28.1#
279	55.6	20.8	31.2#

Manual Integrations
APPROVED

mohammad
11/19/2019 2:44:31 PM



#26
Benzo(g,h,i)perylene
Concen: 1.253 ng/ul
RT: 26.17 min Scan# 6340
Delta R.T. 0.01 min
Lab File: BN008601.D
Acq: 18 Nov 2019 13:30

Tgt Ion	Ratio	Lower	Upper
276	100		
138	38.1	20.0	30.0#
277	26.2	20.0	30.0

