

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111819\
 Data File : BN008617.D
 Acq On : 18 Nov 2019 23:07
 Operator : JU
 Sample : K5678-17MS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLMA1MS

Manual Integrations
 APPROVED

mohammad
 11/19/2019 2:45:35 PM

Quant Time: Nov 19 03:10:11 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 : Tue Nov 19 01:47:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	3455	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	12415	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	7247	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.00	188	15213m	0.40	ng/ul	0.00
16) Chrysene-d12	21.19	240	11266	0.40	ng/ul	0.00
20) Perylene-d12	23.37	264	12117	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	4722	0.23	ng/ul	0.00
14) Fluoranthene-d10	19.03	212	10293	0.22	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.44	128	13582	0.363	ng/ul	99
5) 2-Methylnaphthalene	12.06	142	11924	0.456	ng/ul	100
7) Acenaphthylene	13.97	152	4293	0.107	ng/ul#	85
8) Acenaphthene	14.32	153	535884	18.023	ng/ul	99
9) Fluorene	15.31	166	2666	0.076	ng/ul#	67
11) Pentachlorophenol	16.66	266	44314	7.697	ng/ul	99
12) Phenanthrene	17.04	178	30056	0.586	ng/ul#	94
13) Anthracene	17.13	178	7479	0.154	ng/ul#	71
15) Fluoranthene	19.06	202	34642	0.550	ng/ul	97
17) Pyrene	19.43	202	1092653	24.175	ng/ul	94
18) Benzo(a)anthracene	21.18	228	14232	0.314	ng/ul#	65
19) Chrysene	21.23	228	25177	0.566	ng/ul#	78
21) Benzo(b)fluoranthene	22.73	252	28228m	0.565	ng/ul	
22) Benzo(k)fluoranthene	22.77	252	9683m	0.195	ng/ul	
23) Benzo(a)pyrene	23.28	252	17673	0.377	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.53	276	16075	0.293	ng/ul#	91
25) Dibenzo(a,h)anthracene	25.54	278	4834	0.109	ng/ul#	1
26) Benzo(g,h,i)perylene	26.18	276	20578	0.448	ng/ul#	61

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

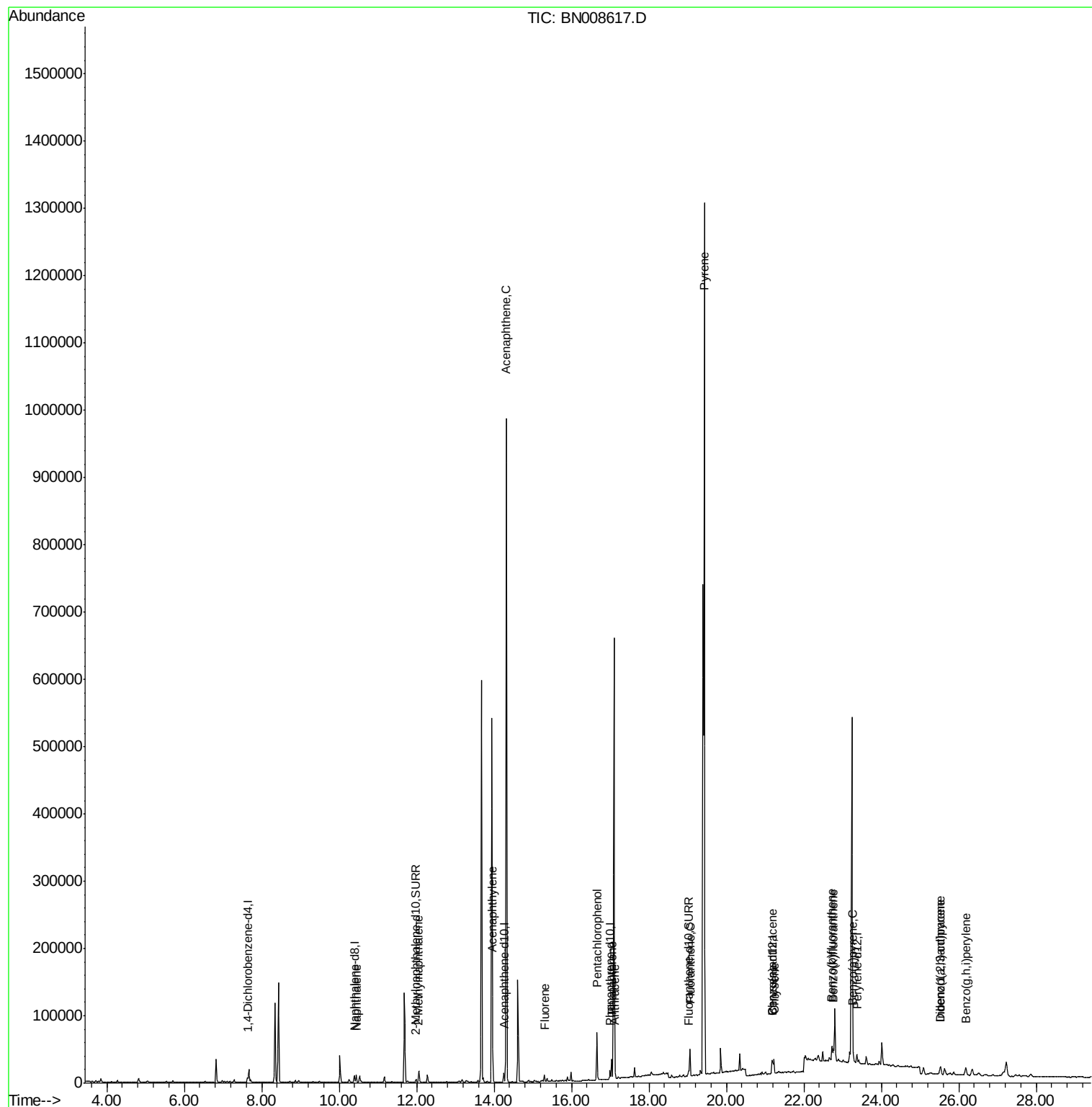
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111819\
Data File : BN008617.D
Acq On : 18 Nov 2019 23:07
Operator : JU
Sample : K5678-17MS
Misc :
ALS Vial : 23 Sample Multiplier: 1

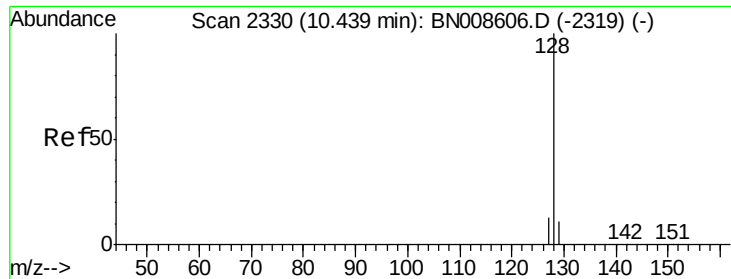
Instrument :
BNA_N
ClientSampleId :
JLMA1MS

Manual Integrations
APPROVED

mohammad
11/19/2019 2:45:35 PM

Quant Time: Nov 19 03:10:11 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 : Tue Nov 19 01:47:58 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.363 ng/ul

RT: 10.44 min Scan# 2330

Delta R.T. -0.00 min

Lab File: BN008617.D

Acq: 18 Nov 2019 23:07

Instrument :

BNA_N

ClientSampleId :

JLMA1MS

Tot Ion:128 Resp: 13582

Ion Ratio Lower Upper

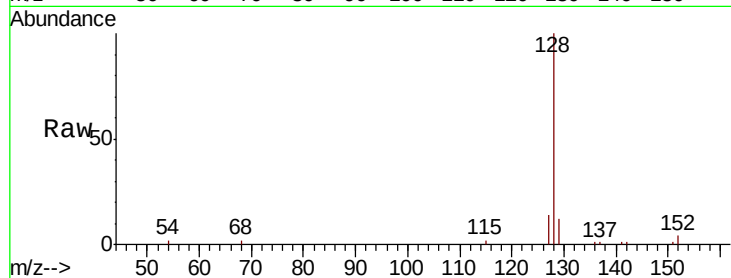
128 100

129 12.3 9.7 14.5

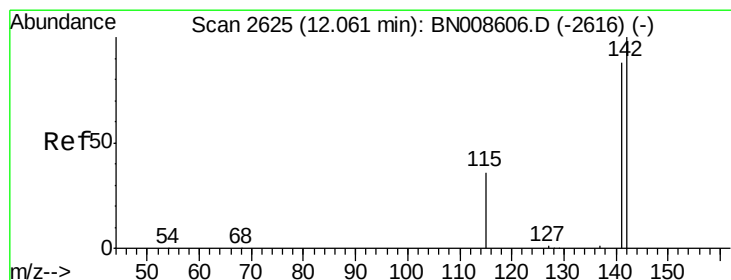
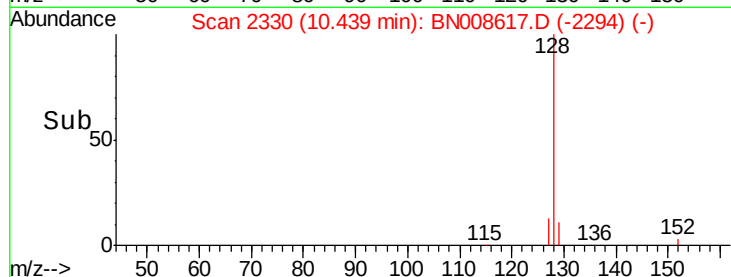
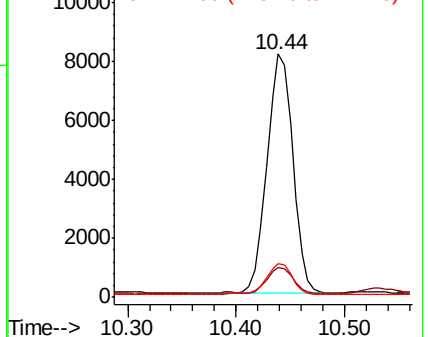
127 13.9 10.8 16.2

Manual Integrations
APPROVED

mohammad
11/19/2019 2:45:35 PM



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.456 ng/ul

RT: 12.06 min Scan# 2625

Delta R.T. -0.00 min

Lab File: BN008617.D

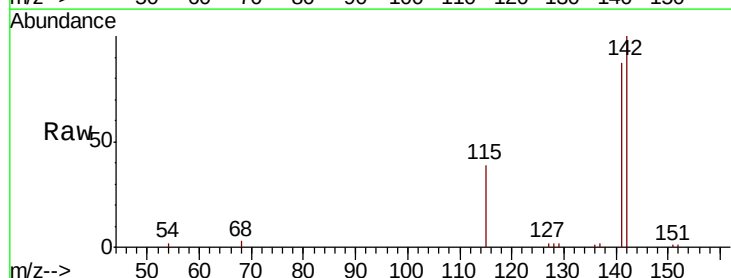
Acq: 18 Nov 2019 23:07

Tgt Ion:142 Resp: 11924

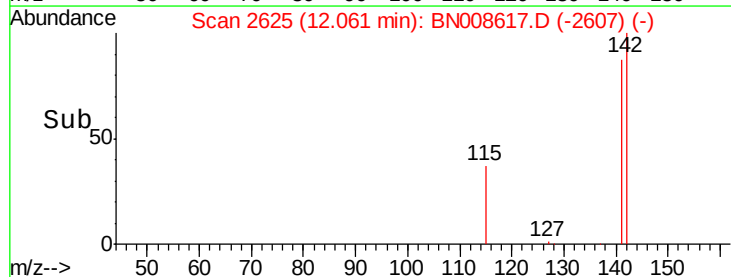
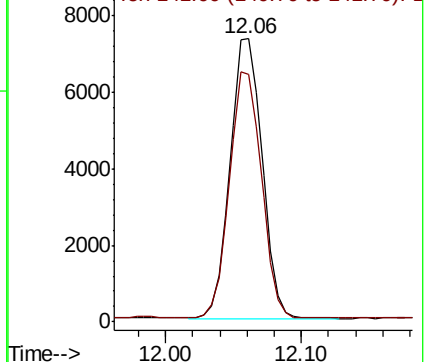
Ion Ratio Lower Upper

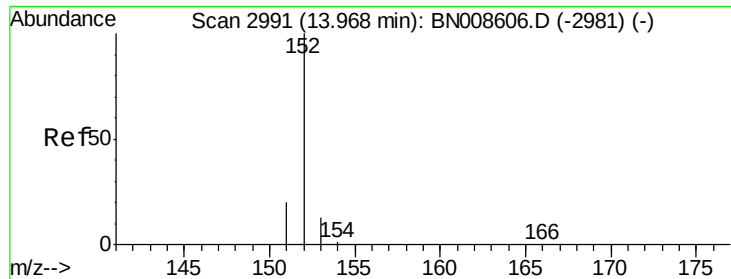
142 100

141 88.2 70.5 105.7



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.107 ng/ul

RT: 13.97 min Scan# 2991

Delta R.T. -0.00 min

Lab File: BN008617.D

Acq: 18 Nov 2019 23:07

Instrument :

BNA_N

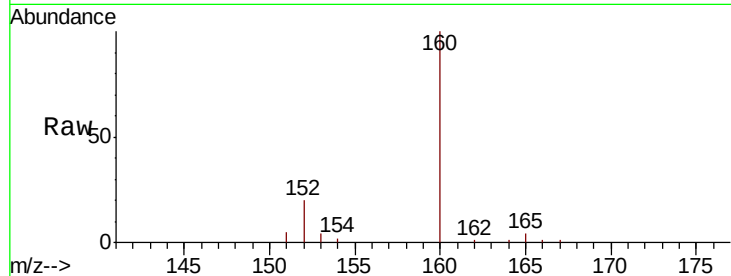
ClientSampleId :

JLMA1MS

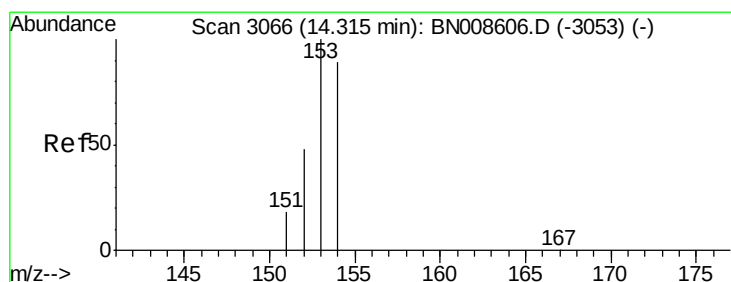
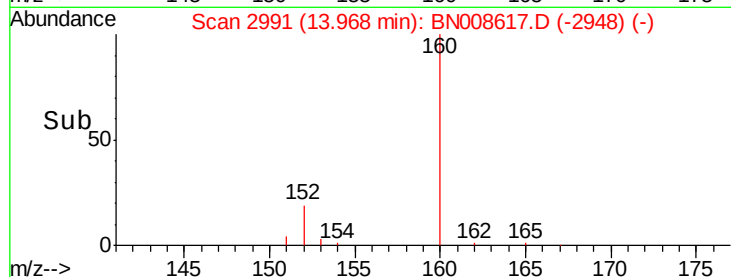
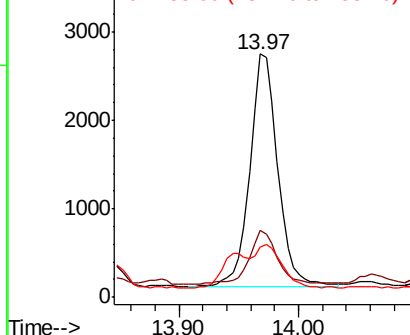
Tot Ion:	152	Resp:	4293
Ion Ratio	Lower	Upper	
152	100		
151	27.3	16.6	24.8#
153	20.8	11.1	16.7#

Manual Integrations
APPROVED

mohammad
11/19/2019 2:45:35 PM



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#8

Acenaphthene

Concen: 18.023 ng/ul

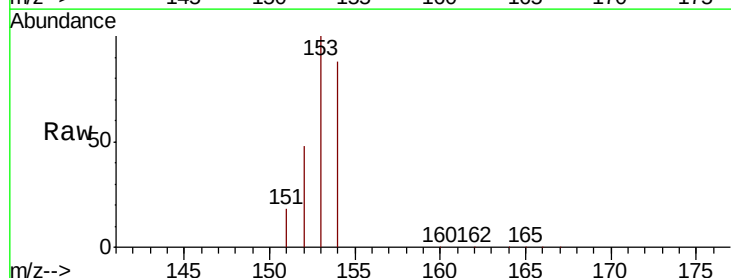
RT: 14.32 min Scan# 3066

Delta R.T. -0.00 min

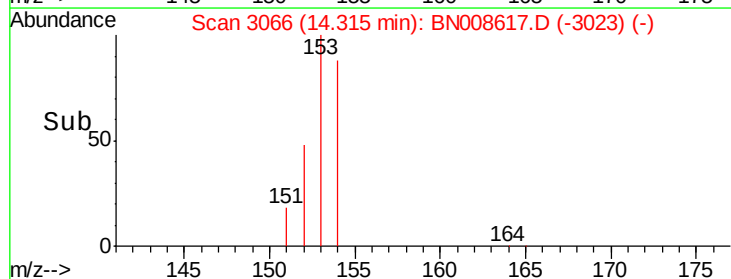
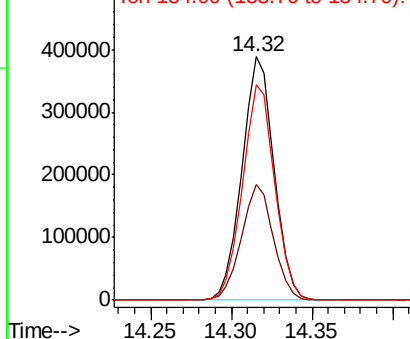
Lab File: BN008617.D

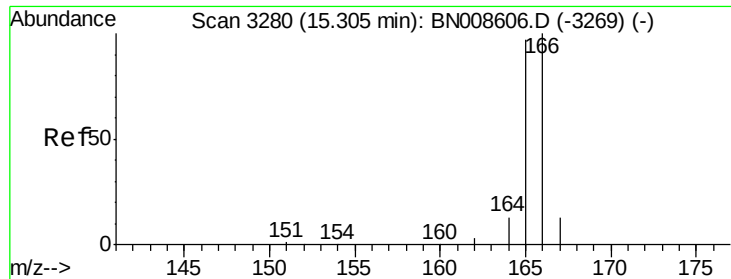
Acq: 18 Nov 2019 23:07

Tgt Ion:	153	Resp:	535884
Ion Ratio	Lower	Upper	
153	100		
152	47.6	39.6	59.4
154	88.4	70.6	106.0



Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.076 ng/ul

RT: 15.31 min Scan# 3280

Delta R.T. -0.00 min

Lab File: BN008617.D

Acq: 18 Nov 2019 23:07

Instrument :

BNA_N

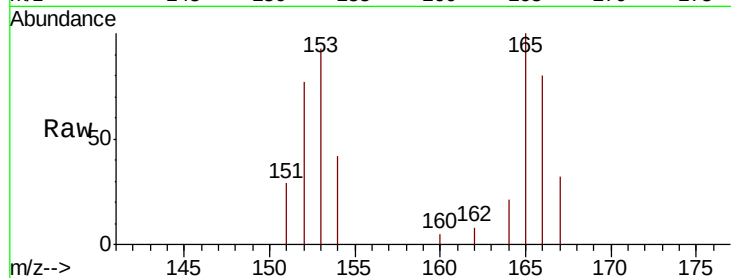
ClientSampleId :

JLMA1MS

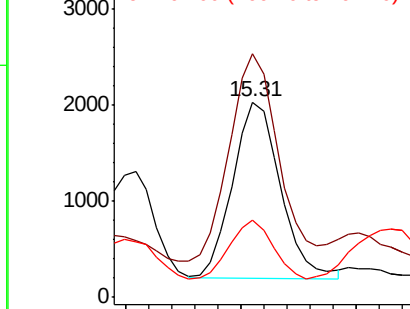
Tot Ion:	166	Resp:	2666
Ion Ratio	Lower	Upper	
166	100		
165	124.9	77.4	116.0#
167	39.5	11.4	17.0#

Manual Integrations
APPROVED

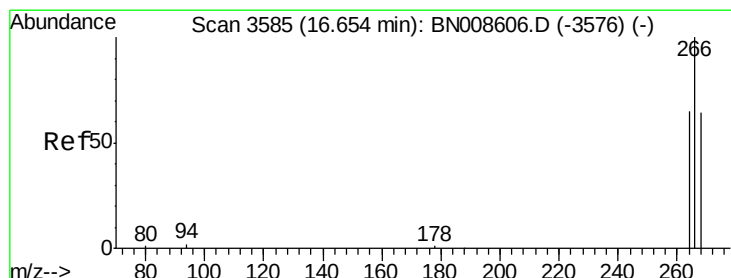
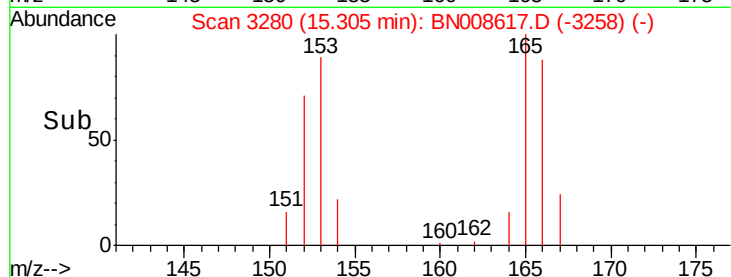
mohammad
11/19/2019 2:45:35 PM



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



Time-->



#11

Pentachlorophenol

Concen: 7.697 ng/ul

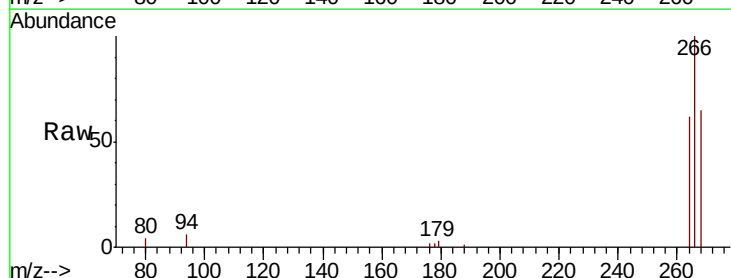
RT: 16.66 min Scan# 3586

Delta R.T. 0.00 min

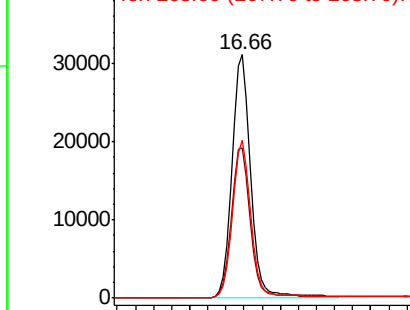
Lab File: BN008617.D

Acq: 18 Nov 2019 23:07

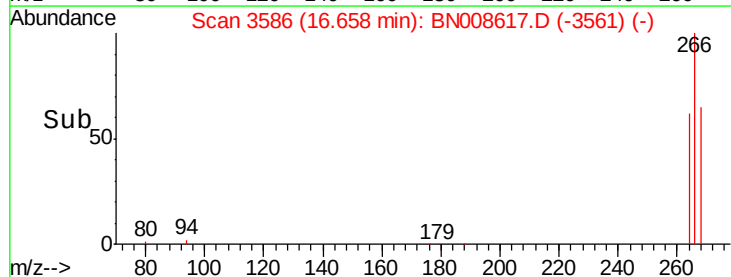
Tgt Ion:	266	Resp:	44314
Ion Ratio	Lower	Upper	
266	100		
264	62.9	49.2	73.8
268	63.9	50.9	76.3

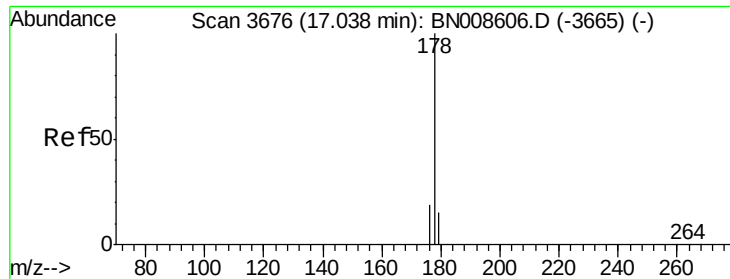


Abundance Ion 266.00 (265.70 to 266.70): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E



Time-->





#12

Phenanthrene

Concen: 0.586 ng/ul

RT: 17.04 min Scan# 3676

Delta R.T. -0.00 min

Lab File: BN008617.D

Acq: 18 Nov 2019 23:07

Instrument :

BNA_N

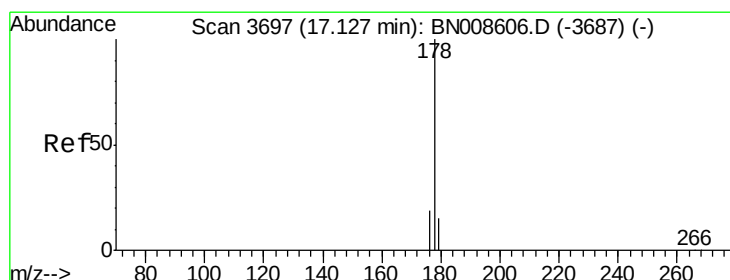
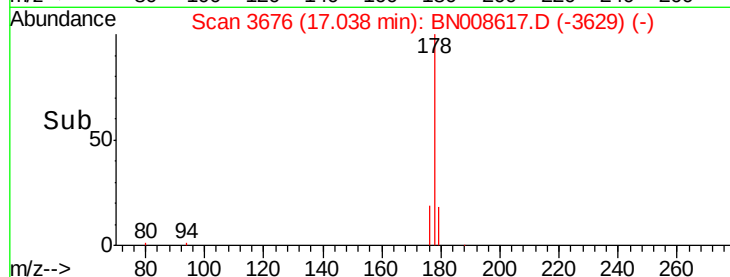
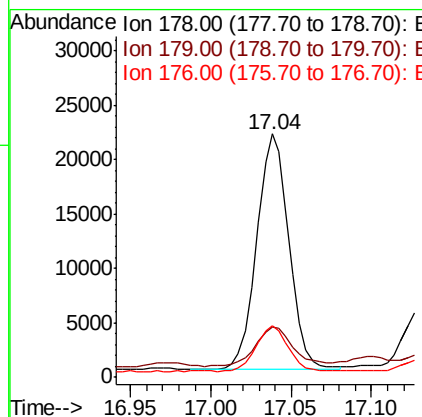
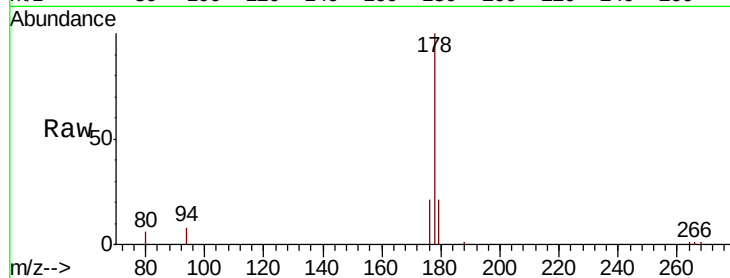
ClientSampleId :

JLMA1MS

Tot Ion	Ratio	Lower	Upper
178	100		
179	20.9	12.8	19.2#
176	21.0	16.0	24.0

Manual Integrations
APPROVED

mohammad
11/19/2019 2:45:35 PM



#13

Anthracene

Concen: 0.154 ng/ul

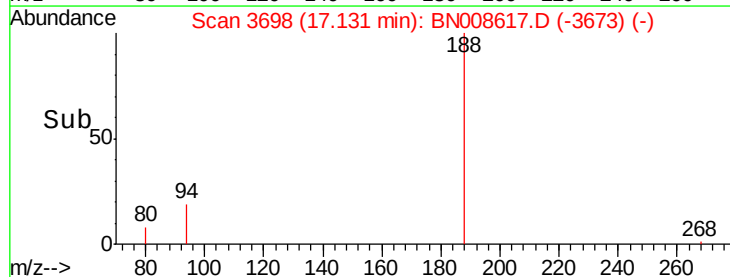
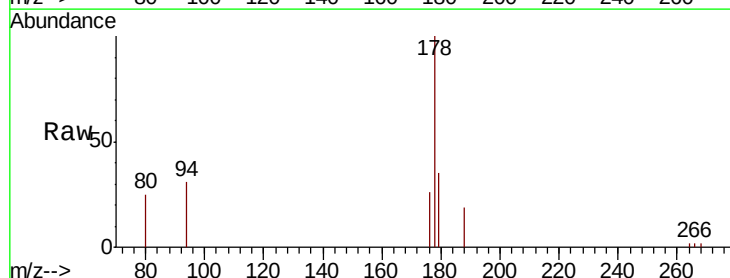
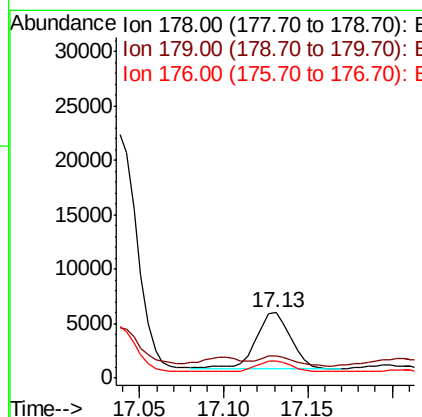
RT: 17.13 min Scan# 3698

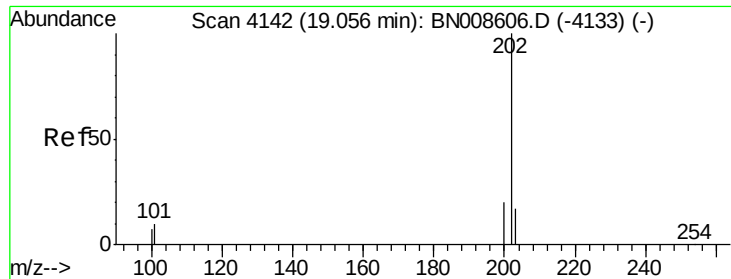
Delta R.T. 0.00 min

Lab File: BN008617.D

Acq: 18 Nov 2019 23:07

Tgt Ion	Ratio	Lower	Upper
178	100		
179	35.0	13.0	19.4#
176	26.1	15.3	22.9#





#15

Fluoranthene

Concen: 0.550 ng/ul

RT: 19.06 min Scan# 4143

Delta R.T. 0.00 min

Lab File: BN008617.D

Acq: 18 Nov 2019 23:07

Instrument :

BNA_N

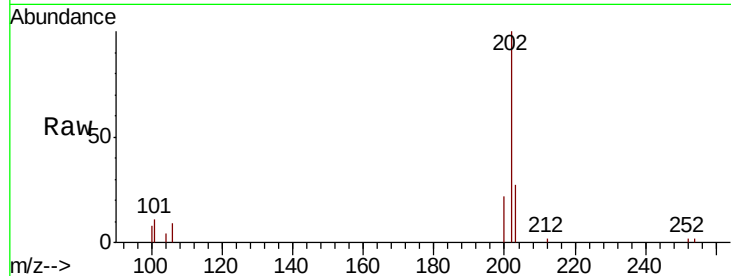
ClientSampleId :

JLMA1MS

Tot Ion:	202	Resp:	34642
Ion Ratio	Lower	Upper	
202	100		
101	11.0	0.0	29.6
100	7.9	0.0	27.0

Manual Integrations
APPROVED

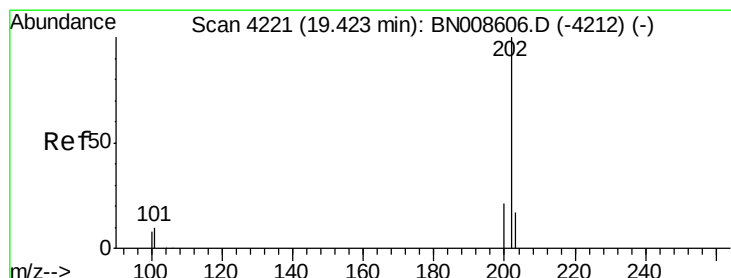
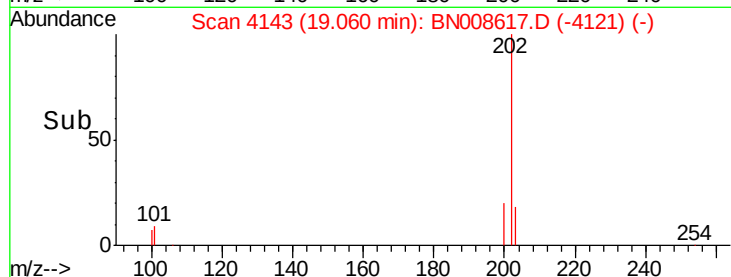
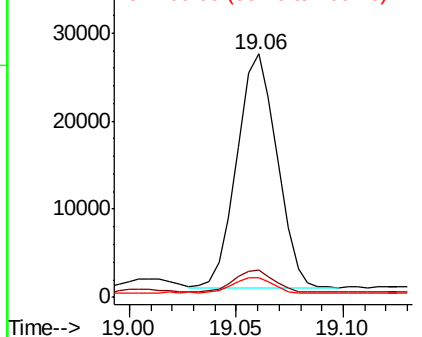
mohammad
11/19/2019 2:45:35 PM



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: 24.175 ng/ul

RT: 19.43 min Scan# 4222

Delta R.T. 0.00 min

Lab File: BN008617.D

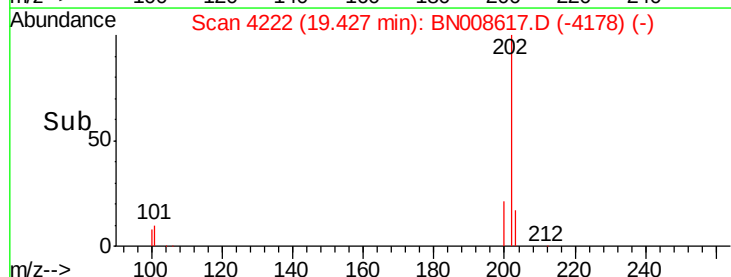
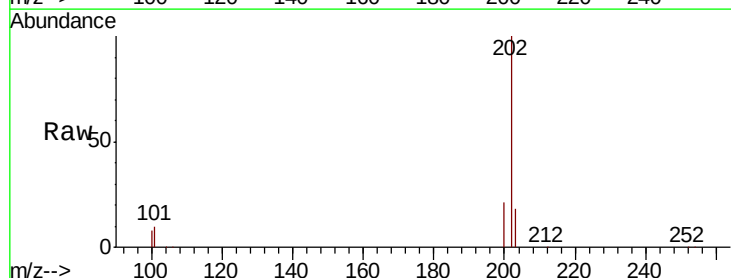
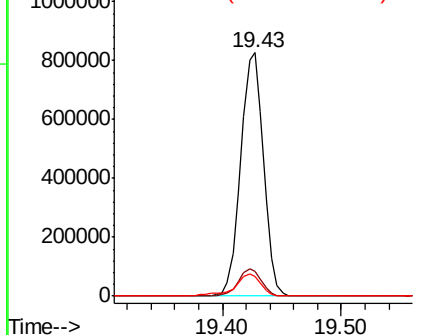
Acq: 18 Nov 2019 23:07

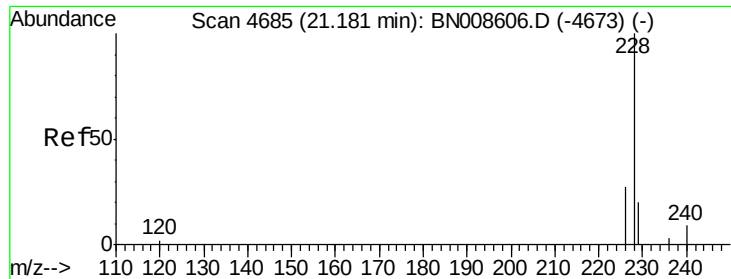
Tgt Ion:	202	Resp:	1092653
Ion Ratio	Lower	Upper	
202	100		
101	10.4	10.2	15.2
100	8.2	8.2	12.2

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





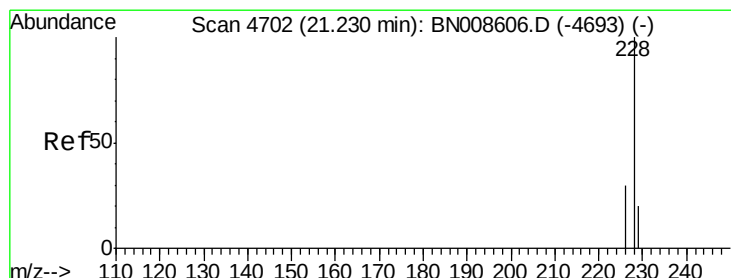
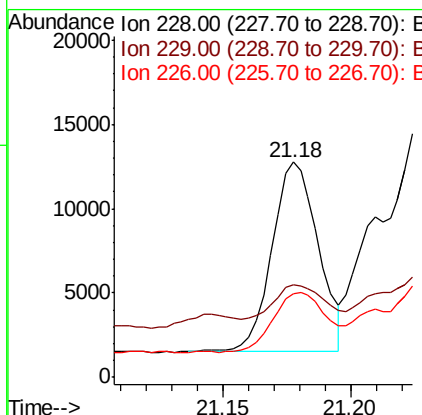
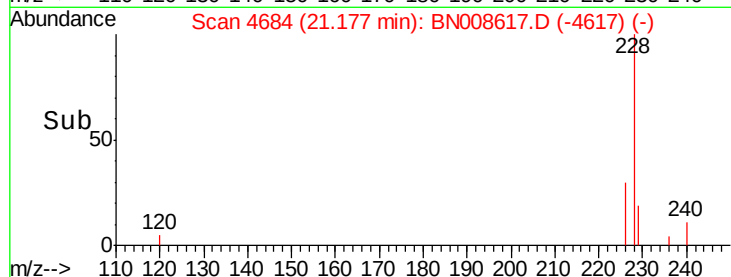
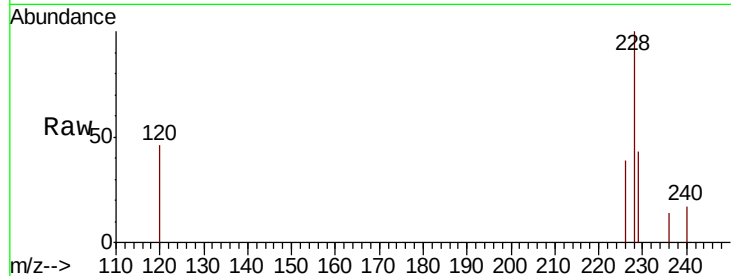
#18
Benzo(a)anthracene
Concen: 0.314 ng/ul
RT: 21.18 min Scan# 4684
Delta R.T. -0.00 min
Lab File: BN008617.D
Acq: 18 Nov 2019 23:07

Instrument :
BNA_N
ClientSampleId :
JLMA1MS

Tot Ion	Ratio	Lower	Upper
228	100		
229	43.0	15.8	23.6#
226	38.8	21.6	32.4#

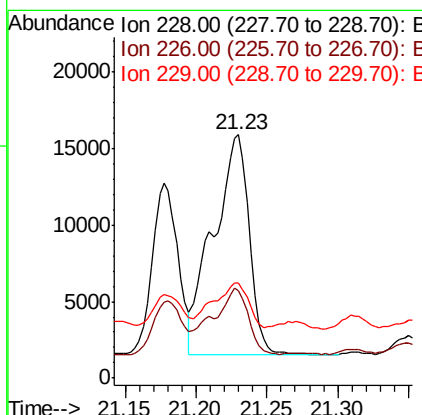
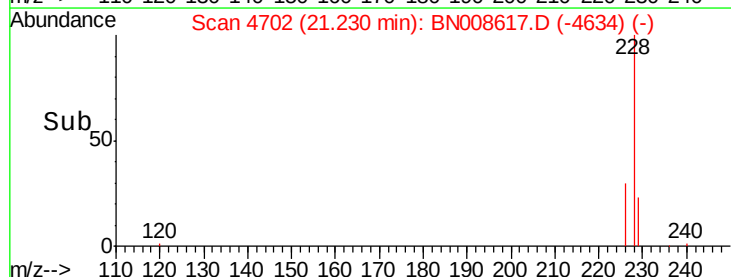
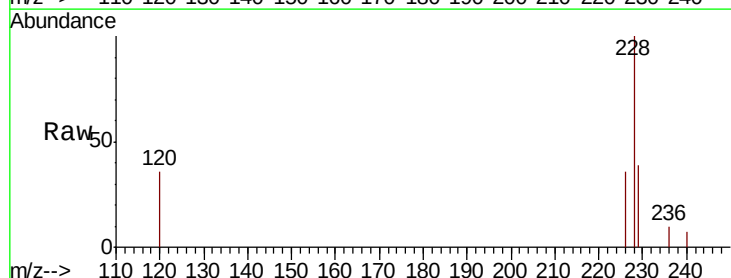
Manual Integrations
APPROVED

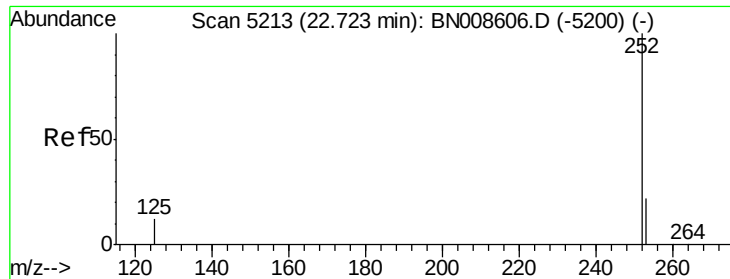
mohammad
11/19/2019 2:45:35 PM



#19
Chrysene
Concen: 0.566 ng/ul
RT: 21.23 min Scan# 4702
Delta R.T. -0.00 min
Lab File: BN008617.D
Acq: 18 Nov 2019 23:07

Tgt Ion	Ratio	Lower	Upper
228	100		
226	35.8	24.5	36.7
229	38.9	15.5	23.3#





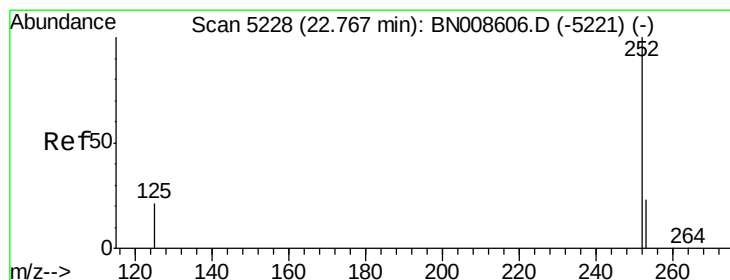
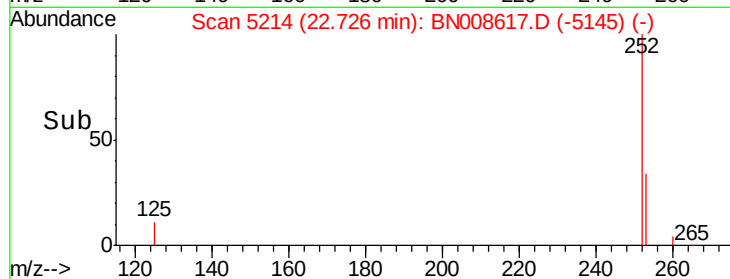
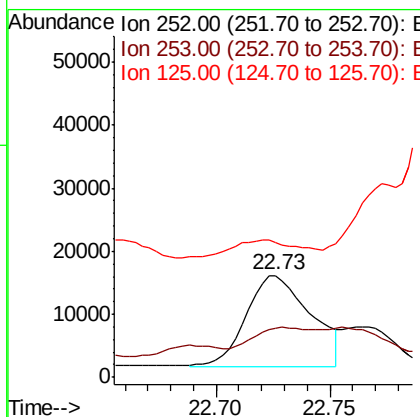
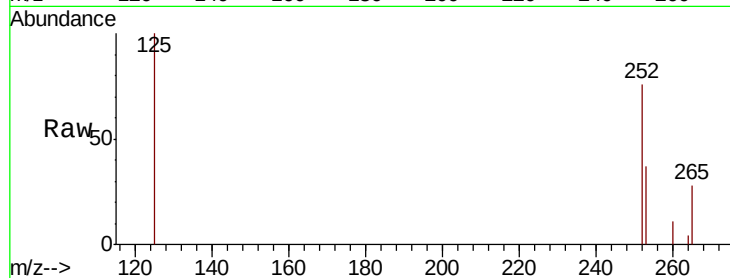
#21
Benzo(b)fluoranthene
Concen: 0.565 ng/ul m
RT: 22.73 min Scan# 5214
Delta R.T. 0.00 min
Lab File: BN008617.D
Acq: 18 Nov 2019 23:07

Instrument :
BNA_N
ClientSampleId :
JLMA1MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	48.6	0.0	50.2
125	131.9	0.0	30.0#

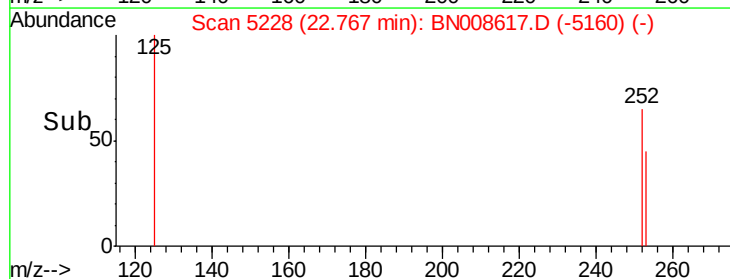
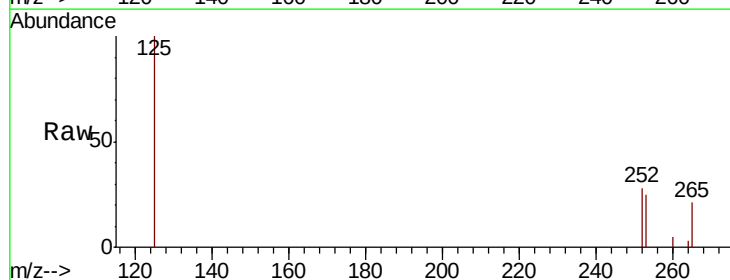
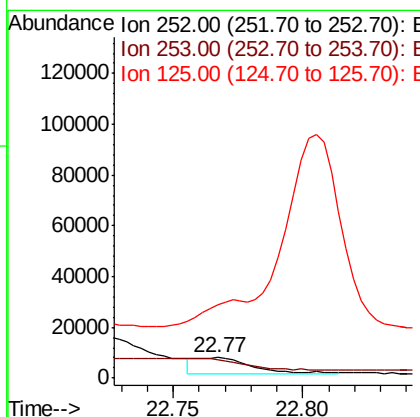
Manual Integrations
APPROVED

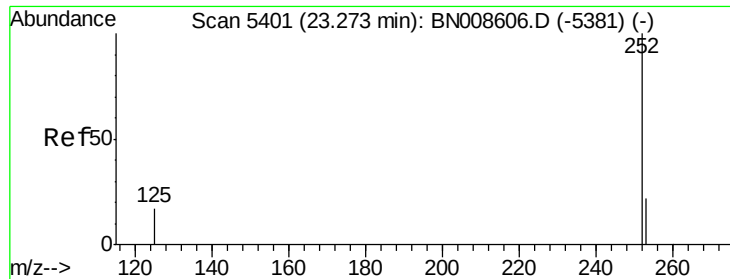
mohammad
11/19/2019 2:45:35 PM



#22
Benzo(k)fluoranthene
Concen: 0.195 ng/ul m
RT: 22.77 min Scan# 5228
Delta R.T. -0.00 min
Lab File: BN008617.D
Acq: 18 Nov 2019 23:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	88.2	20.5	30.7#
125	357.8	15.0	22.4#





#23

Benzo(a)pyrene

Concen: 0.377 ng/ul

RT: 23.28 min Scan# 5403

Delta R.T. 0.01 min

Lab File: BN008617.D

Acq: 18 Nov 2019 23:07

Instrument :

BNA_N

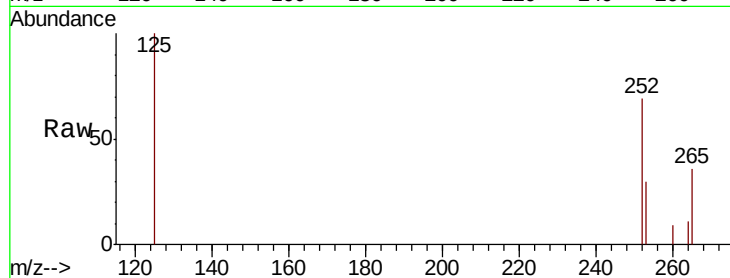
ClientSampleId :

JLMA1MS

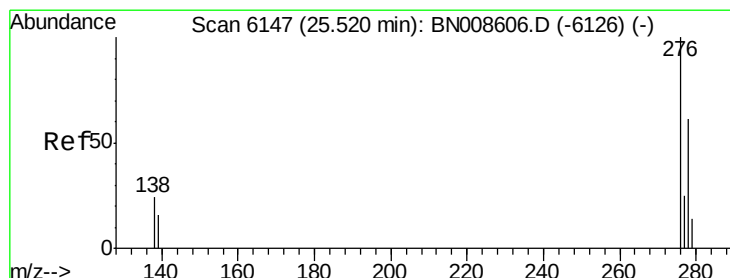
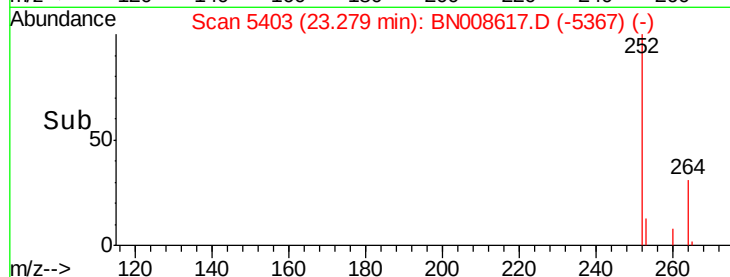
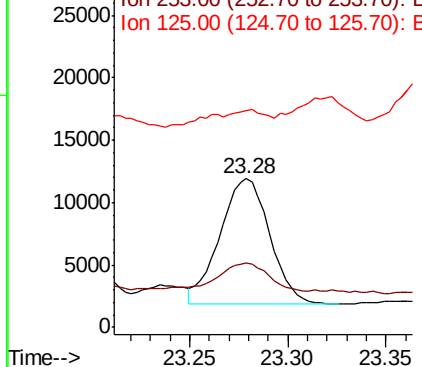
Tot Ion:	252	Resp:	17673
Ion Ratio	Lower	Upper	
252	100		
253	43.4	21.4	32.2#
125	145.8	13.8	20.8#

Manual Integrations
APPROVED

mohammad
11/19/2019 2:45:35 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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.293 ng/ul

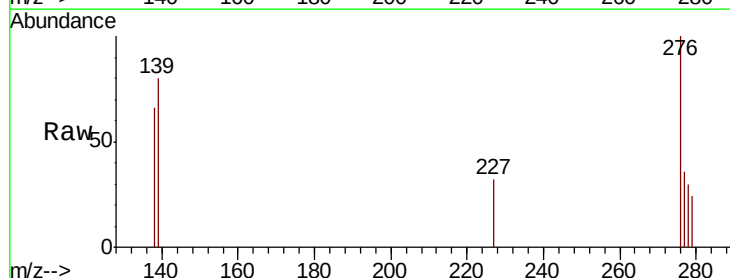
RT: 25.53 min Scan# 6149

Delta R.T. 0.01 min

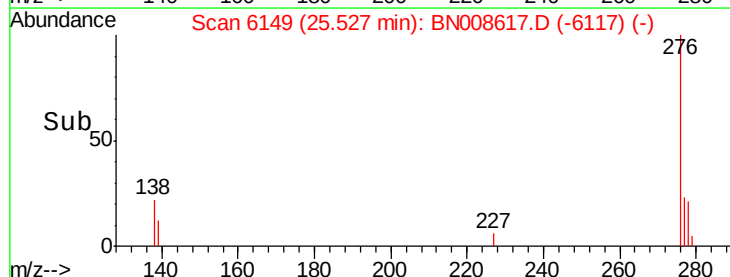
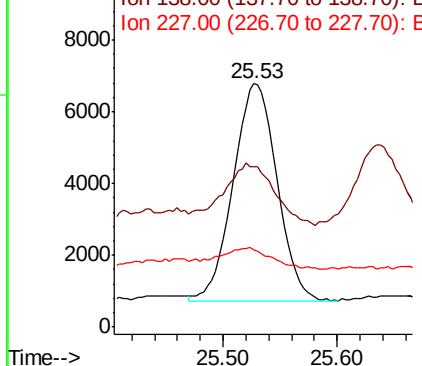
Lab File: BN008617.D

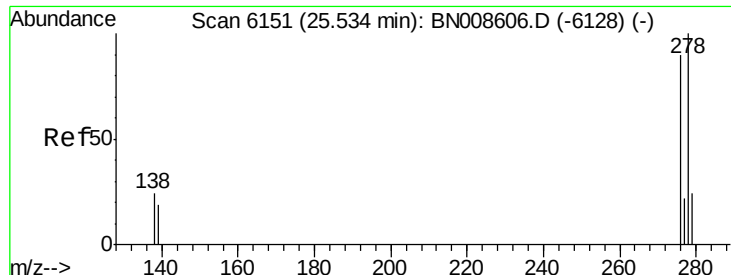
Acq: 18 Nov 2019 23:07

Tgt Ion:	276	Resp:	16075
Ion Ratio	Lower	Upper	
276	100		
138	31.6	21.7	32.5
227	10.6	0.2	0.2#



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





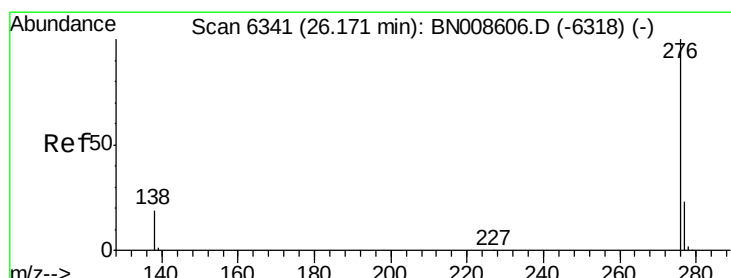
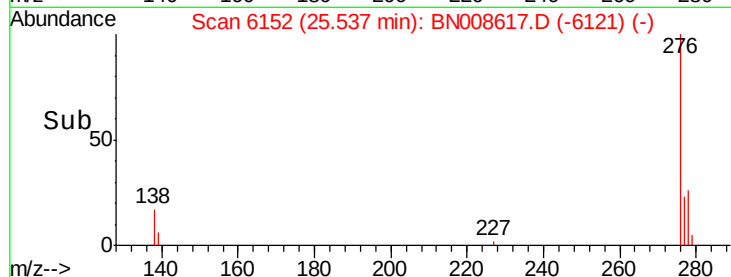
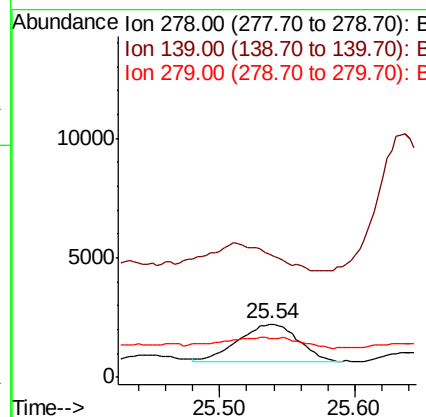
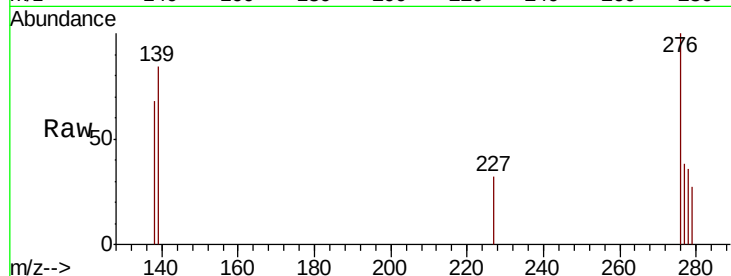
#25
Dibenzo(a,h)anthracene
Concen: 0.109 ng/ul
RT: 25.54 min Scan# 6152
Delta R.T. 0.00 min
Lab File: BN008617.D
Acq: 18 Nov 2019 23:07

Instrument :
BNA_N
ClientSampleId :
JLMA1MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	231.0	18.7	28.1#
279	73.0	20.8	31.2#

Manual Integrations
APPROVED

mohammad
11/19/2019 2:45:35 PM



#26
Benzo(g,h,i)perylene
Concen: 0.448 ng/ul
RT: 26.18 min Scan# 6345
Delta R.T. 0.01 min
Lab File: BN008617.D
Acq: 18 Nov 2019 23:07

Tgt Ion	Ratio	Lower	Upper
276	100		
138	55.4	20.0	30.0#
277	33.5	20.0	30.0#

