

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100418\
 Data File : BN002920.D
 Acq On : 04 Oct 2018 02:39
 Operator : MJ/SJ
 Sample : J5115-20
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLC63

Manual Integrations
 APPROVED

Sohil
 10/4/2018 5:15:19 PM

Quant Time: Oct 04 04:59:03 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 04 04:26:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	139549	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	618133	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	362735	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	806910	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	728920	20.00	ng/ul	0.00
85) Perylene-d12	23.43	264	610189	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	9337	3.09	ng/uL	0.00
5) Phenol-d5	6.82	99	251275	21.20	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	153924	20.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	208048	21.33	ng/ul	0.00
13) 4-Methylphenol-d8	8.34	113	187328	20.41	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	103409	21.60	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	123082	22.71	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	216553	22.14	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	221424	19.56	ng/ul	0.00
43) Dimethylphthalate-d6	13.67	166	683136	24.06	ng/ul	0.00
46) Acenaphthylene-d8	13.95	160	866863	23.38	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	99019	21.09	ng/ul	0.00
57) Fluorene-d10	15.26	176	607880	24.44	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	93041	18.43	ng/ul	0.00
70) Anthracene-d10	17.12	188	935507	24.28	ng/ul	0.00
78) Pyrene-d10	19.42	212	994761	25.86	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.29	264	772340	24.05	ng/ul	0.00

Target Compounds

				Ovalue	
6) Phenol	6.84	94	22928	1.919 ng/ul#	84
28) Naphthalene	10.44	128	54694	1.717 ng/ul	99
44) Dimethylphthalate	13.72	163	137719	4.970 ng/ul	99
49) Acenaphthene	14.33	153	116140	4.707 ng/ul	98
53) Dibenzofuran	14.67	168	66591	1.963 ng/ul	96
58) Fluorene	15.32	166	99750	3.671 ng/ul	99
69) Phenanthrene	17.06	178	1710040	38.464 ng/ul	99
71) Anthracene	17.15	178	340345	7.550 ng/ul	99
74) Carbazole	17.42	167	247803	6.406 ng/ul	99
76) Fluoranthene	19.09	202	3146122	66.338 ng/ul	99
79) Pyrene	19.45	202	2811526	58.337 ng/ul	97
82) Benzo(a)anthracene	21.21	228	1321342	29.140 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.16	149	14075735	483.454 ng/ul#	87
84) Chrysene	21.26	228	1398965	32.915 ng/ul	98
87) Benzo(b)fluoranthene	22.77	252	1615388	43.348 ng/ul	95
88) Benzo(k)fluoranthene	22.81	252	490536m	14.110 ng/ul	
90) Benzo(a)pyrene	23.34	252	1068867	30.340 ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.63	276	701909	16.829 ng/ul	96
92) Dibenzo(a,h)anthracene	25.62	278	177766m	5.058 ng/ul	
93) Benzo(g,h,i)perylene	26.30	276	683692	19.609 ng/ul	99

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

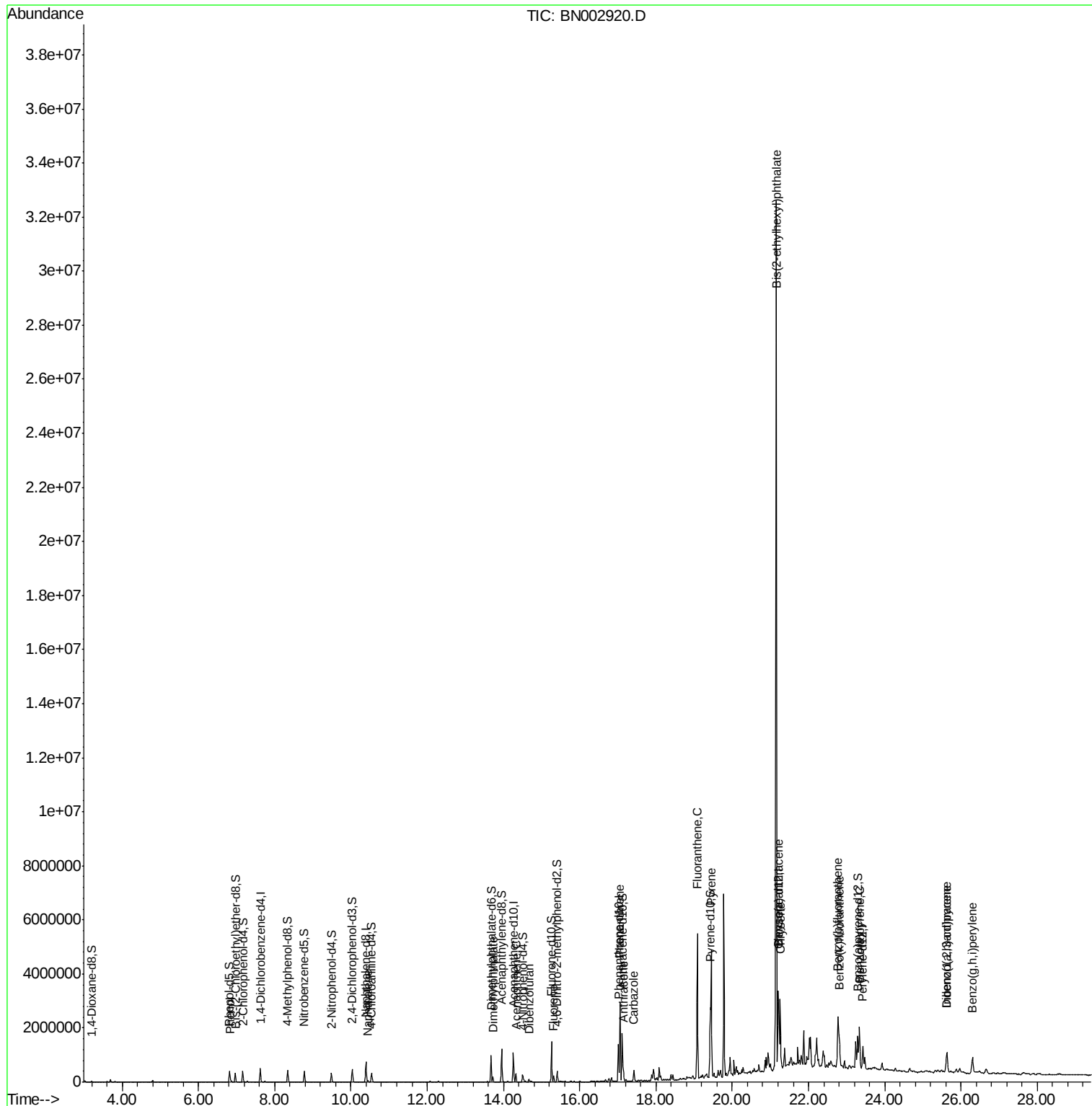
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100418\
Data File : BN002920.D
Acq On : 04 Oct 2018 02:39
Operator : MJ/SJ
Sample : J5115-20
Misc :
ALS Vial : 23 Sample Multiplier: 1

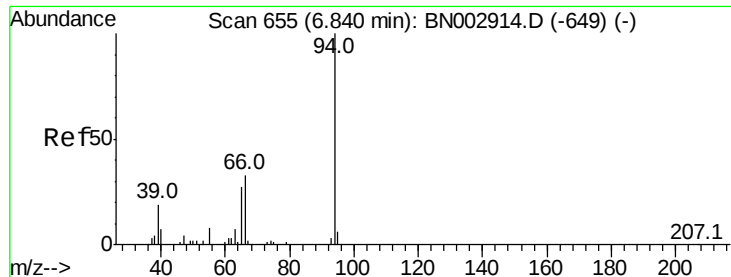
Instrument :
BNA_N
ClientSampled :
JLC63

Quant Time: Oct 04 04:59:03 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 04 04:26:52 2018
Response via : Initial Calibration

Manual Integrations
APPROVED

Sohil
10/4/2018 5:15:19 PM





#6

Phenol

Concen: 1.919 ng/ul

RT: 6.84 min Scan# 655

Delta R.T. 0.00 min

Lab File: BN002920.D

Acq: 04 Oct 2018 02:39

Instrument :

BNA_N

ClientSampleId :

JLC63

Tot Ion: 94 Resp: 22928

Ion Ratio Lower Upper

94 100

65 34.8 23.1 34.7#

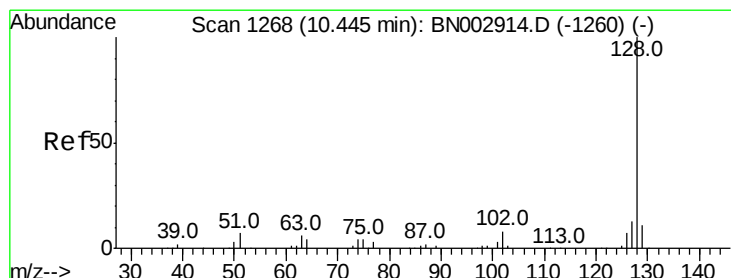
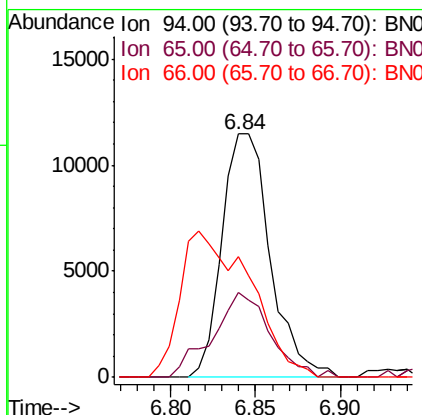
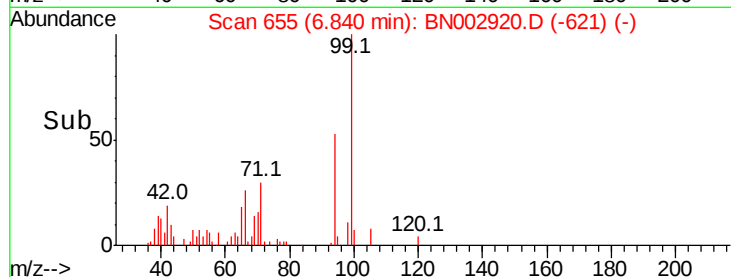
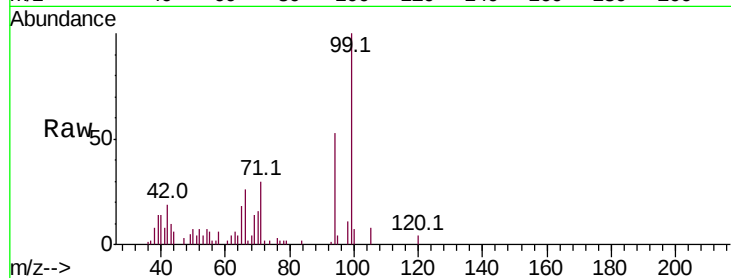
66 49.3 29.8 44.6#

Manual Integrations

APPROVED

Sohil

10/4/2018 5:15:19 PM



#28

Naphthalene

Concen: 1.717 ng/ul

RT: 10.44 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BN002920.D

Acq: 04 Oct 2018 02:39

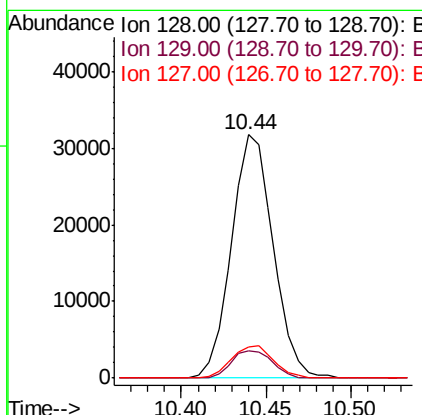
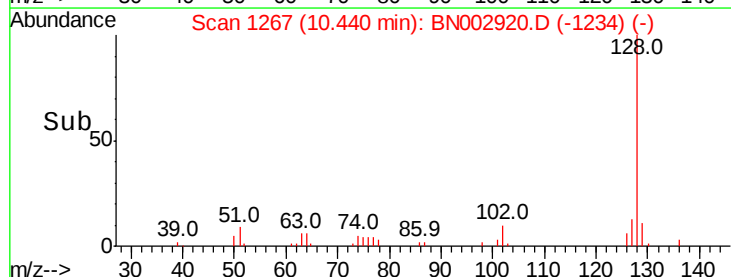
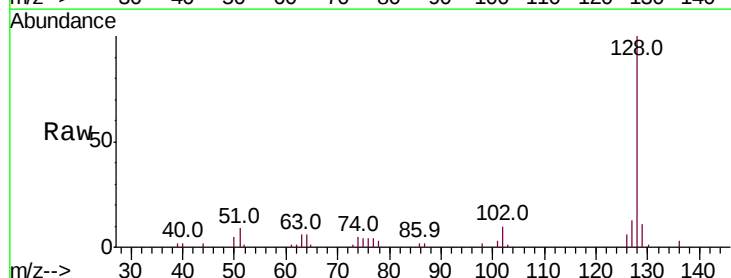
Tgt Ion: 128 Resp: 54694

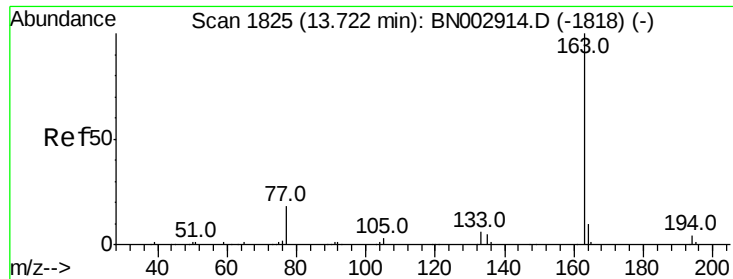
Ion Ratio Lower Upper

128 100

129 11.0 8.3 12.5

127 12.8 10.5 15.7





#44

Dimethylphthalate

Concen: 4.970 ng/ul

RT: 13.72 min Scan# 1825

Delta R.T. 0.00 min

Lab File: BN002920.D

Acq: 04 Oct 2018 02:39

Instrument :

BNA_N

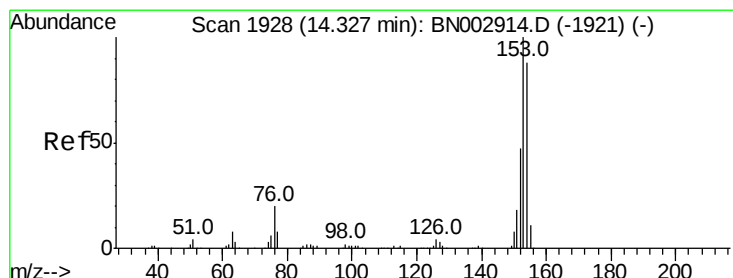
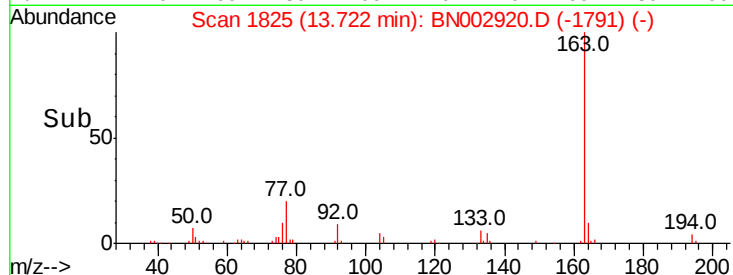
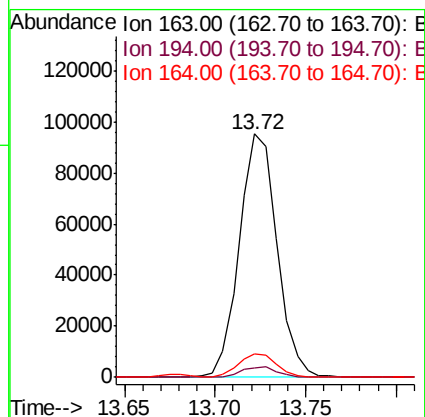
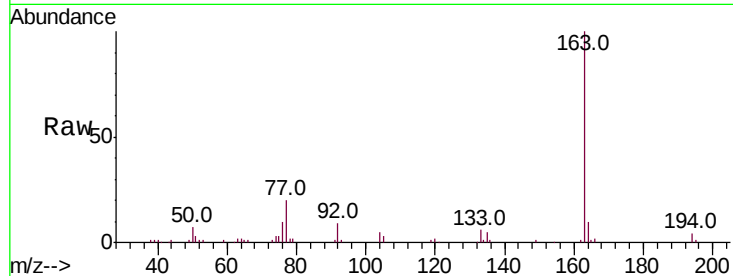
ClientSampleId :

JLC63

Tot Ion:	163	Resp:	137719
Ion Ratio	Lower	Upper	
163	100		
194	3.7	3.5	5.3
164	9.7	8.1	12.1

Manual Integrations
APPROVED

Sohil
10/4/2018 5:15:19 PM



#49

Acenaphthene

Concen: 4.707 ng/ul

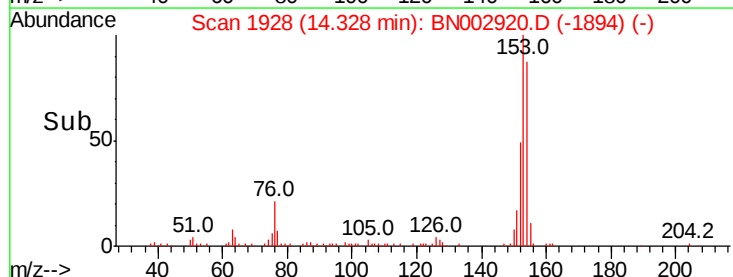
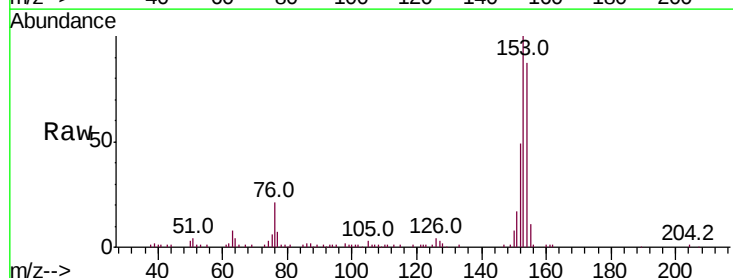
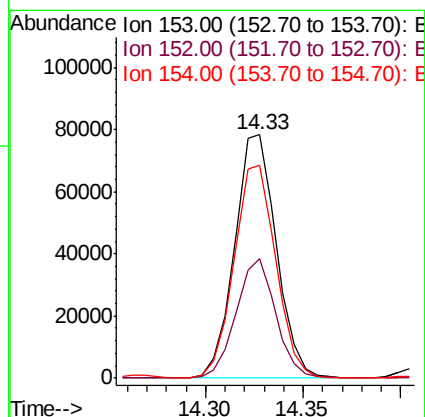
RT: 14.33 min Scan# 1928

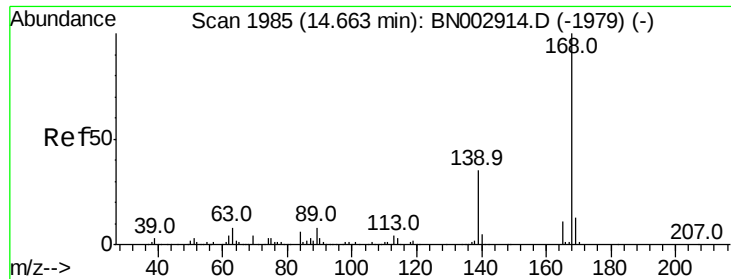
Delta R.T. 0.00 min

Lab File: BN002920.D

Acq: 04 Oct 2018 02:39

Tgt Ion:	153	Resp:	116140
Ion Ratio	Lower	Upper	
153	100		
152	49.1	37.8	56.6
154	87.3	70.9	106.3





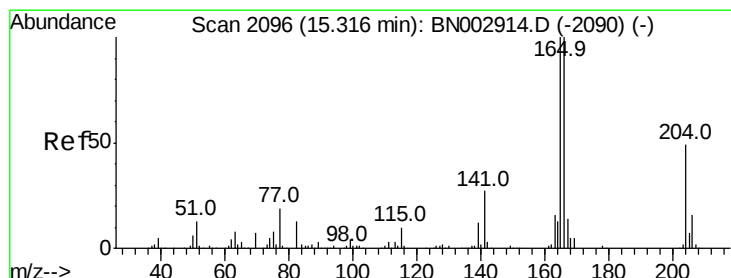
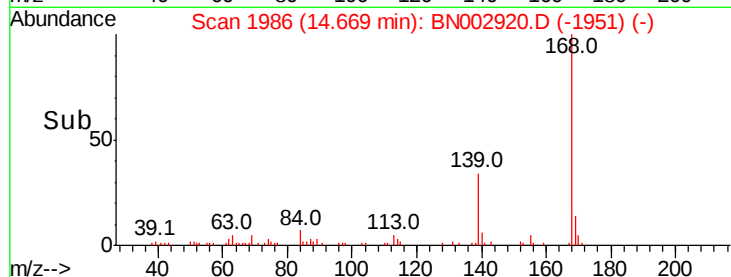
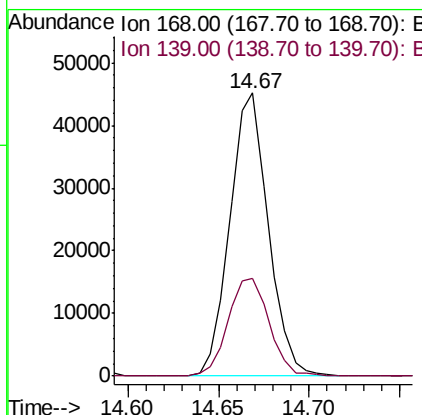
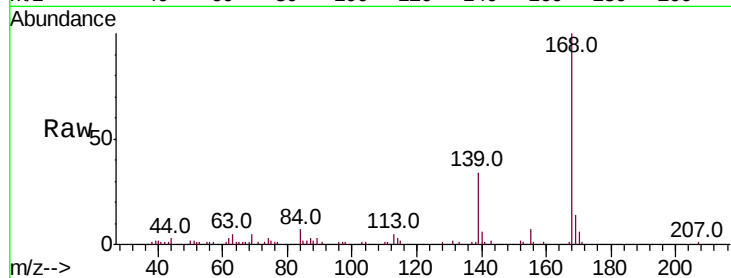
#53
Dibenzo(furan)
Concen: 1.963 ng/ul
RT: 14.67 min Scan# 1986
Delta R.T. 0.01 min
Lab File: BN002920.D
Acq: 04 Oct 2018 02:39

Instrument :
BNA_N
ClientSampled :
JLC63

Tot Ion:168 Resp: 66591
Ion Ratio Lower Upper
168 100
139 34.4 29.4 44.2

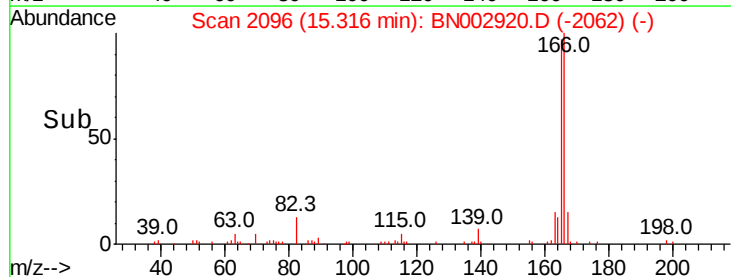
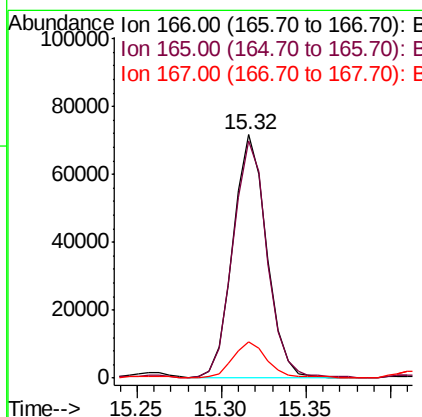
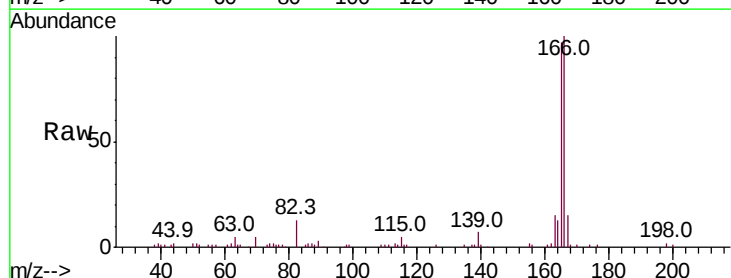
Manual Integrations
APPROVED

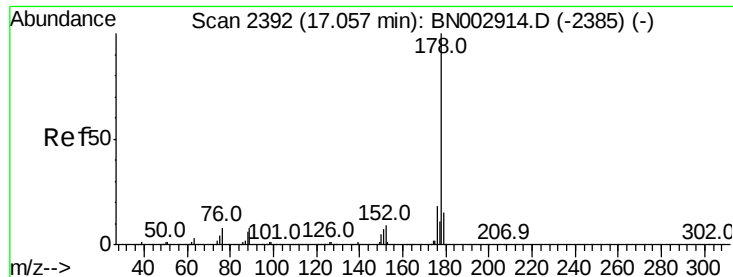
Sohil
10/4/2018 5:15:19 PM



#58
Fluorene
Concen: 3.671 ng/ul
RT: 15.32 min Scan# 2096
Delta R.T. 0.00 min
Lab File: BN002920.D
Acq: 04 Oct 2018 02:39

Tgt Ion:166 Resp: 99750
Ion Ratio Lower Upper
166 100
165 97.3 78.3 117.5
167 14.9 11.0 16.6





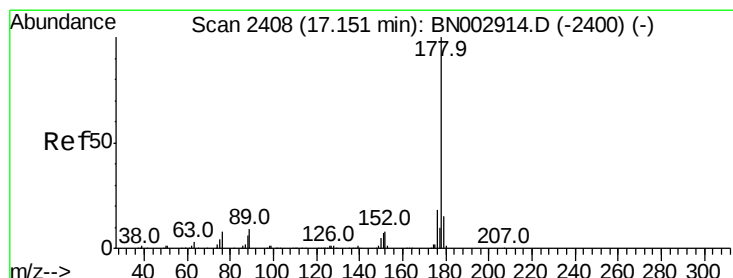
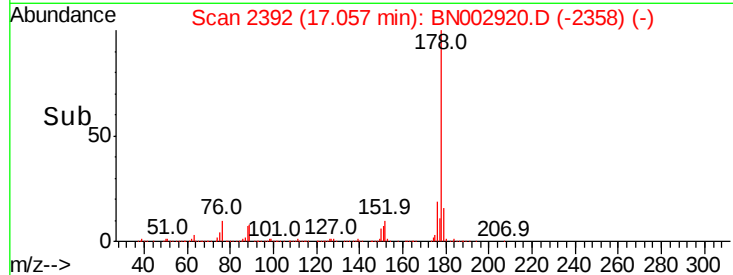
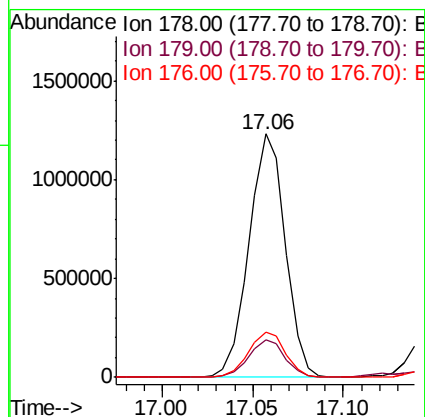
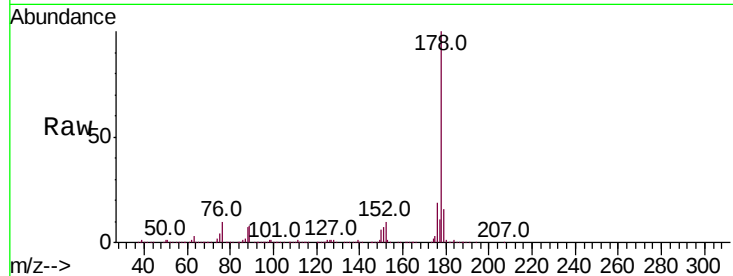
#69
 Phenanthrene
 Concen: 38.464 ng/ul
 RT: 17.06 min Scan# 2392
 Delta R.T. 0.00 min
 Lab File: BN002920.D
 Acq: 04 Oct 2018 02:39

Instrument :
 BNA_N
 ClientSampleId :
 JLC63

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.2	18.4
176	18.6	15.0	22.6

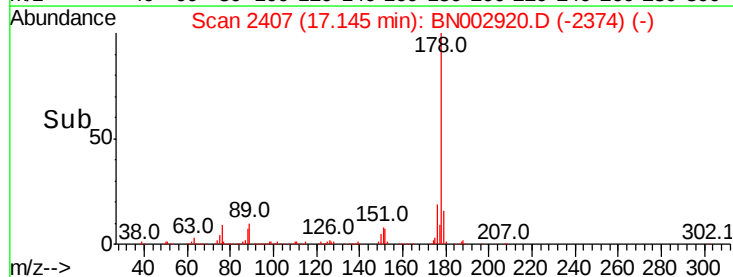
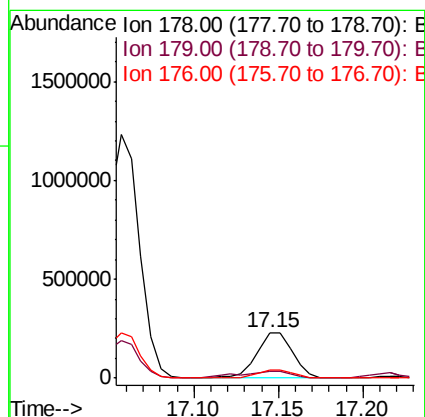
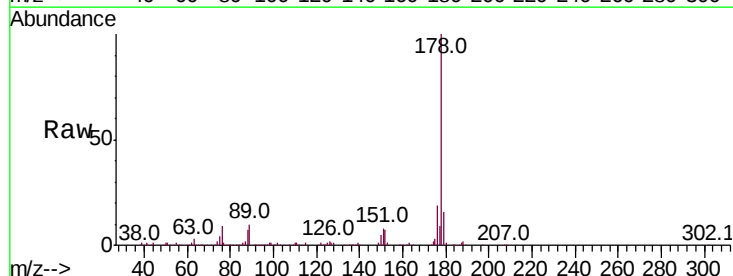
Manual Integrations
 APPROVED

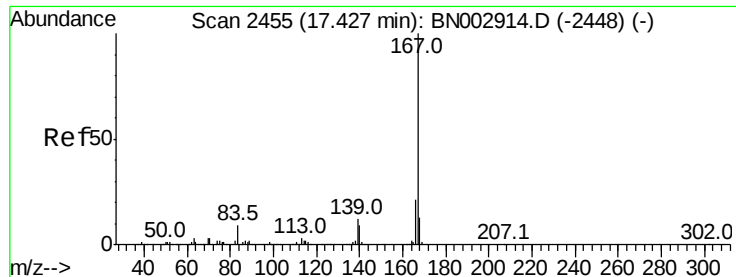
Sohil
 10/4/2018 5:15:19 PM



#71
 Anthracene
 Concen: 7.550 ng/ul
 RT: 17.15 min Scan# 2407
 Delta R.T. -0.01 min
 Lab File: BN002920.D
 Acq: 04 Oct 2018 02:39

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.0	18.0
176	18.8	15.0	22.4





#74

Carbazole

Concen: 6.406 ng/ul

RT: 17.42 min Scan# 2454

Delta R.T. -0.01 min

Lab File: BN002920.D

Acq: 04 Oct 2018 02:39

Instrument :

BNA_N

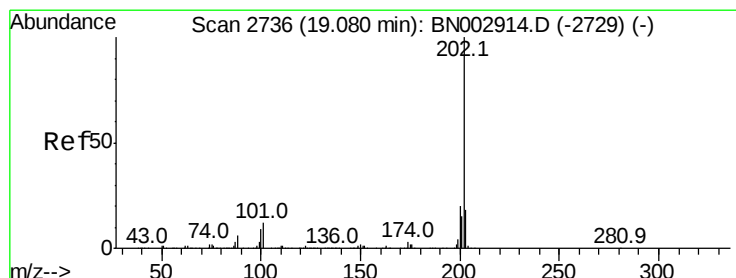
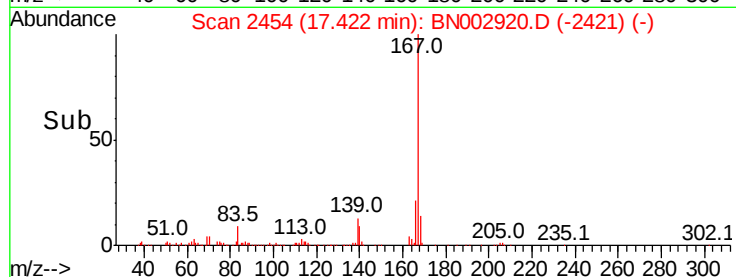
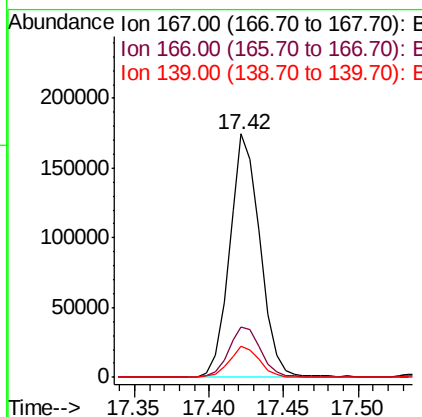
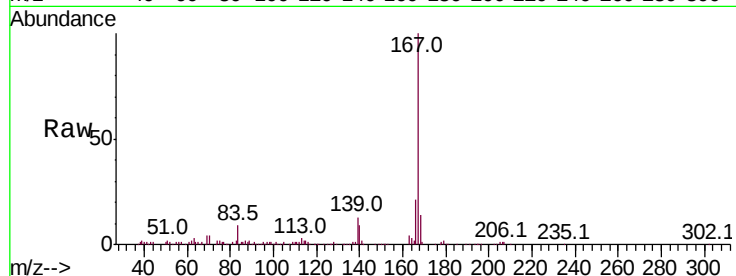
ClientSampleId :

JLC63

Tot Ion:	167	Resp:	247803
Ion Ratio	Lower	Upper	
167	100		
166	20.6	17.0	25.6
139	12.8	10.7	16.1

Manual Integrations
APPROVED

Sohil
10/4/2018 5:15:19 PM



#76

Fluoranthene

Concen: 66.338 ng/ul

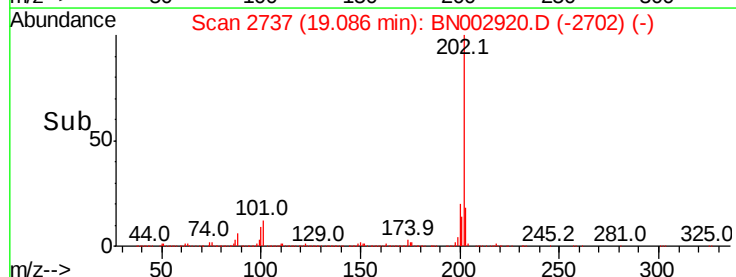
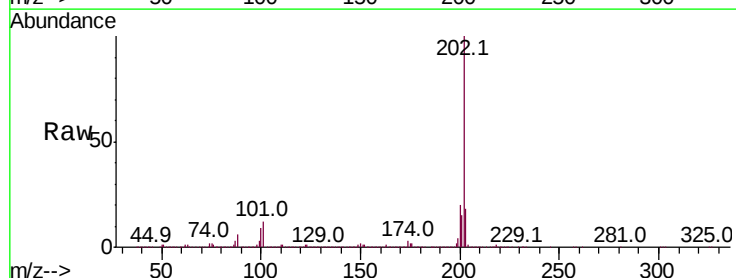
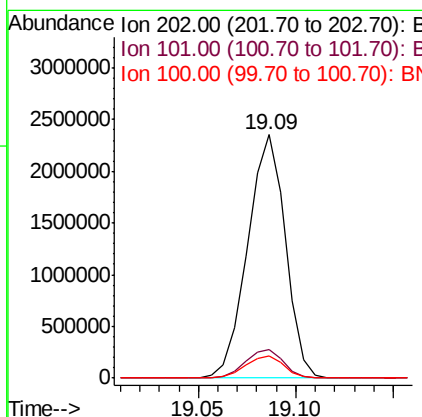
RT: 19.09 min Scan# 2737

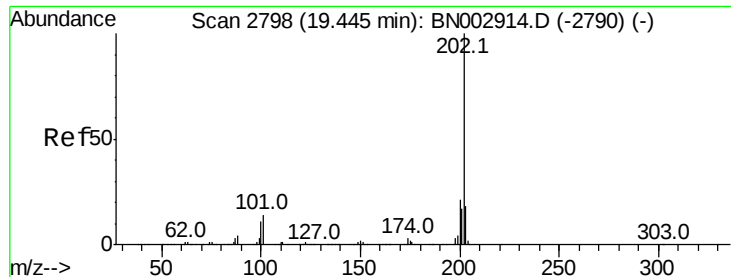
Delta R.T. 0.01 min

Lab File: BN002920.D

Acq: 04 Oct 2018 02:39

Tgt Ion:	202	Resp:	3146122
Ion Ratio	Lower	Upper	
202	100		
101	12.0	9.4	14.2
100	9.1	7.0	10.6





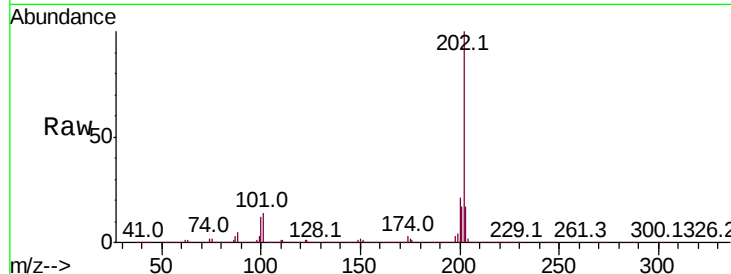
#79
Pvrene
Concen: 58.337 ng/ul
RT: 19.45 min Scan# 2799
Delta R.T. 0.01 min
Lab File: BN002920.D
Acq: 04 Oct 2018 02:39

Instrument :
BNA_N
ClientSampled :
JLC63

Tot Ion	Ratio	Lower	Upper
202	100		
101	14.2	10.8	16.2
100	11.8	8.2	12.2

Manual Integrations
APPROVED

Sohil
10/4/2018 5:15:19 PM

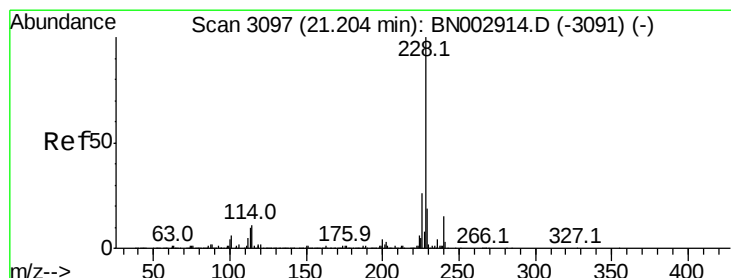
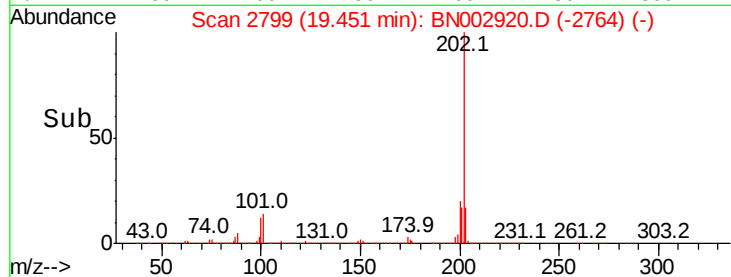
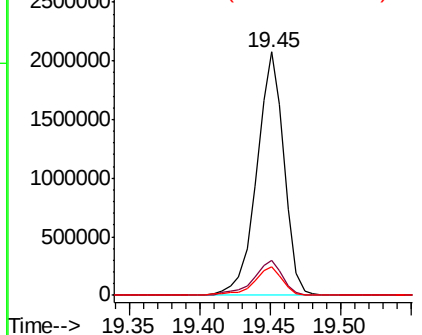


Abundance

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): E



#82
Benzo(a)anthracene
Concen: 29.140 ng/ul
RT: 21.21 min Scan# 3098
Delta R.T. 0.01 min
Lab File: BN002920.D
Acq: 04 Oct 2018 02:39

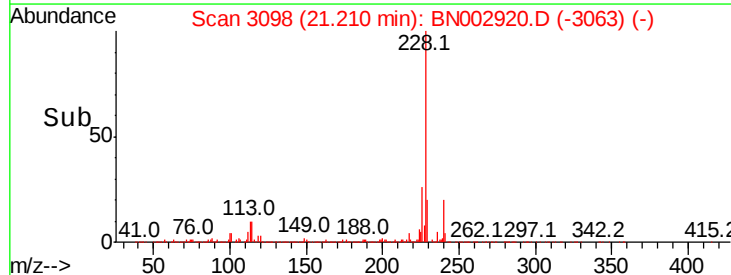
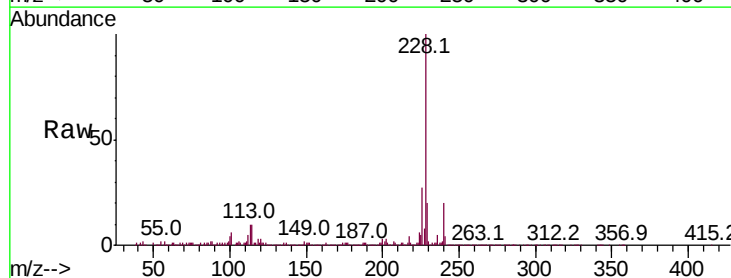
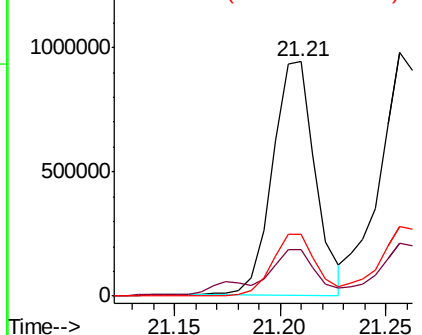
Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.0	15.8	23.6
226	26.6	20.9	31.3

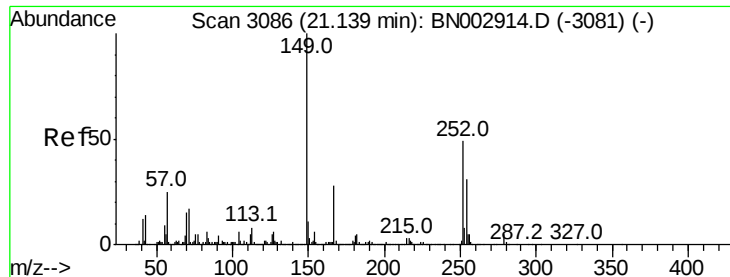
Abundance

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





#83

Bis(2-ethylhexyl)phthalate

Concen: 483.454 ng/ul

RT: 21.16 min Scan# 3089

Delta R.T. 0.02 min

Lab File: BN002920.D

Acq: 04 Oct 2018 02:39

Instrument :

BNA_N

ClientSampled :

JLC63

Tot Ion:149 Resp:14075735

Ion Ratio Lower Upper

149 100

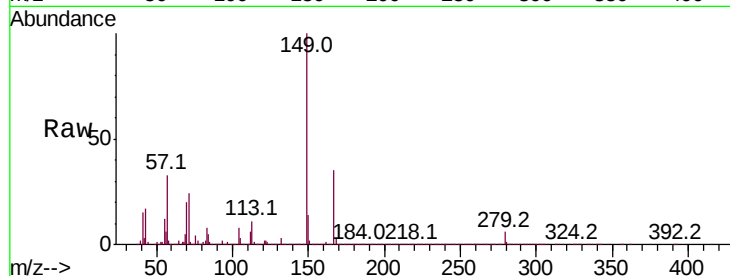
167 34.6 22.0 33.0#

279 6.5 3.3 4.9#

Manual Integrations
APPROVED

Sohil

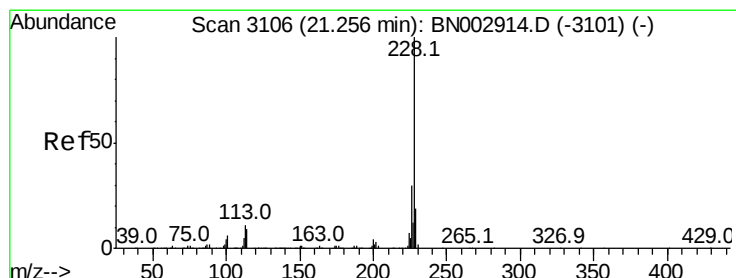
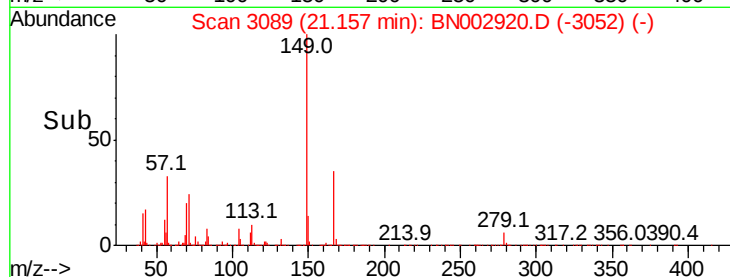
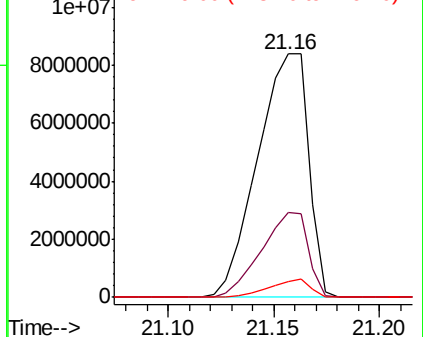
10/4/2018 5:15:19 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Chrysene

Concen: 32.915 ng/ul

RT: 21.26 min Scan# 3106

Delta R.T. 0.00 min

Lab File: BN002920.D

Acq: 04 Oct 2018 02:39

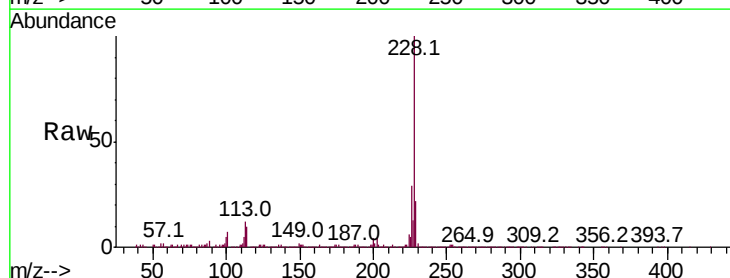
Tgt Ion:228 Resp: 1398965

Ion Ratio Lower Upper

228 100

226 28.6 23.4 35.0

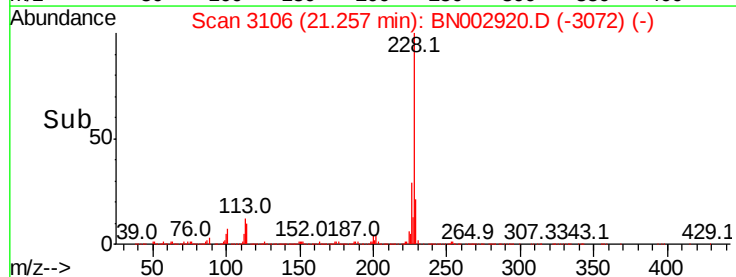
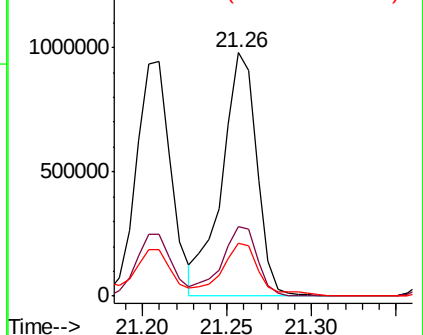
229 21.6 15.7 23.5

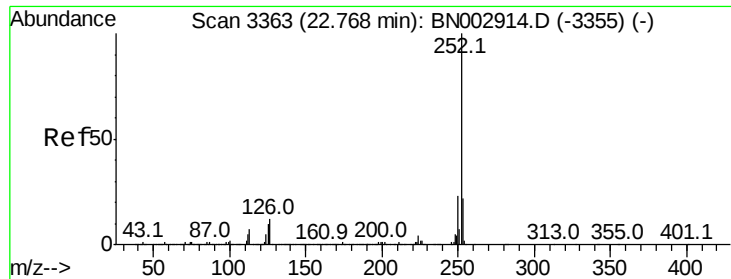


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





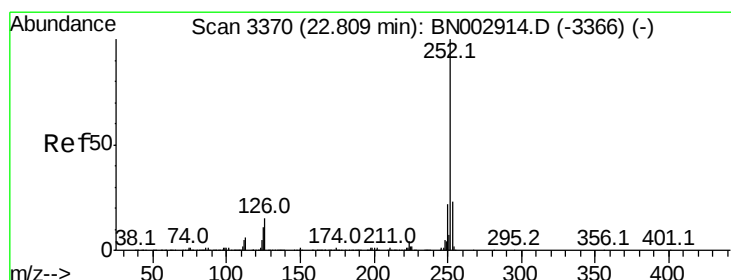
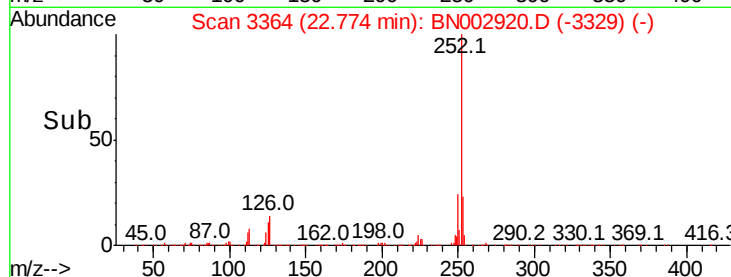
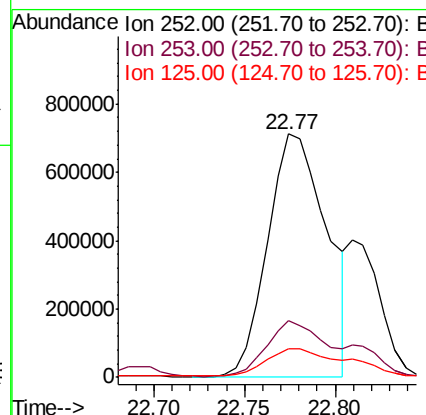
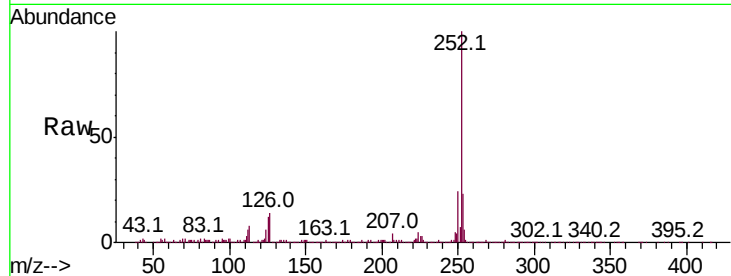
#87
Benzo(b)fluoranthene
Concen: 43.348 ng/ul
RT: 22.77 min Scan# 3364
Delta R.T. 0.01 min
Lab File: BN002920.D
Acq: 04 Oct 2018 02:39

Instrument :
BNA_N
ClientSampled :
JLC63

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.0	25.4
125	11.9	8.0	12.0

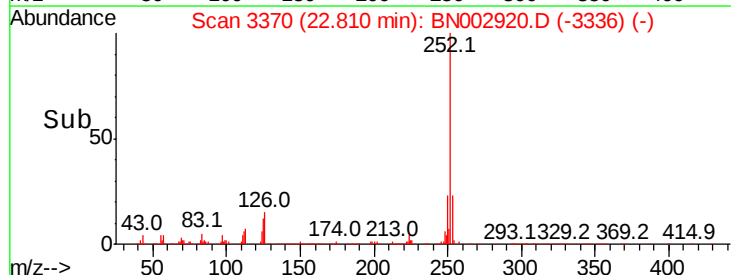
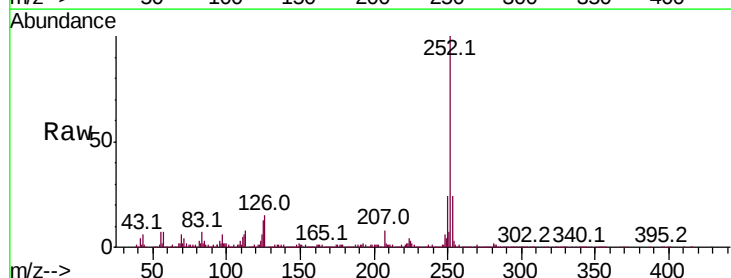
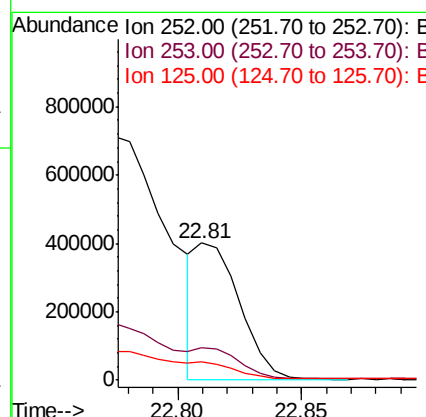
Manual Integrations
APPROVED

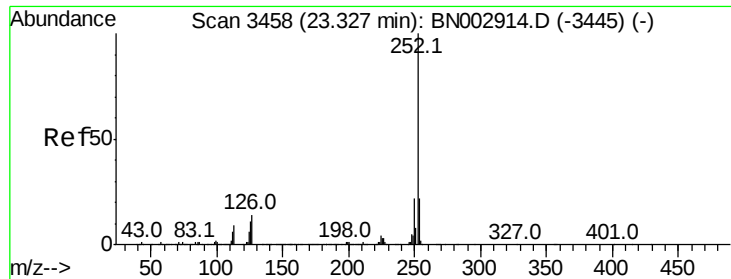
Sohil
10/4/2018 5:15:19 PM



#88
Benzo(k)fluoranthene
Concen: 14.110 ng/ul m
RT: 22.81 min Scan# 3370
Delta R.T. 0.00 min
Lab File: BN002920.D
Acq: 04 Oct 2018 02:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.8	26.8
125	13.1	8.3	12.5#





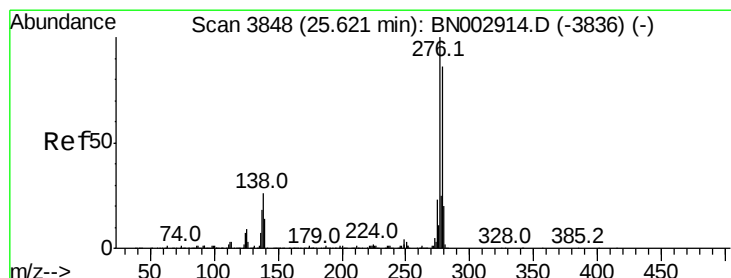
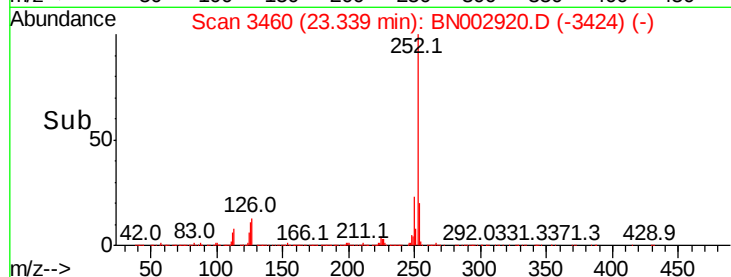
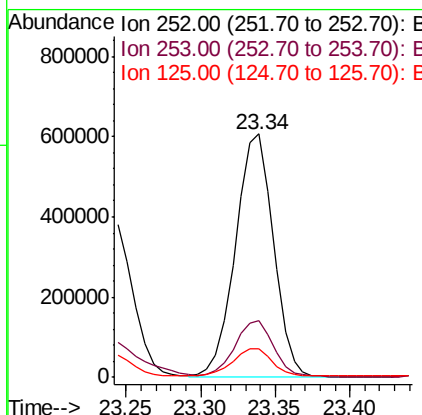
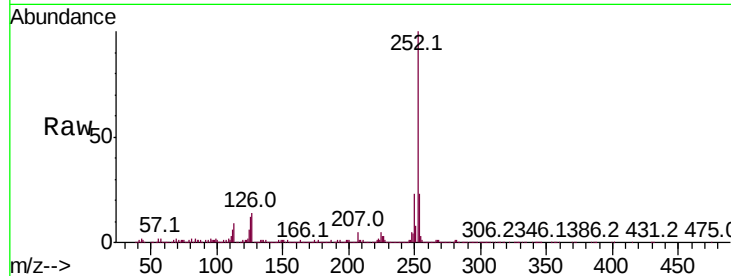
#90
Benzo(a)pyrene
Concen: 30.340 ng/ul
RT: 23.34 min Scan# 3460
Delta R.T. 0.01 min
Lab File: BN002920.D
Acq: 04 Oct 2018 02:39

Instrument :
BNA_N
ClientSampled :
JLC63

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.6	26.4
125	11.7	8.8	13.2

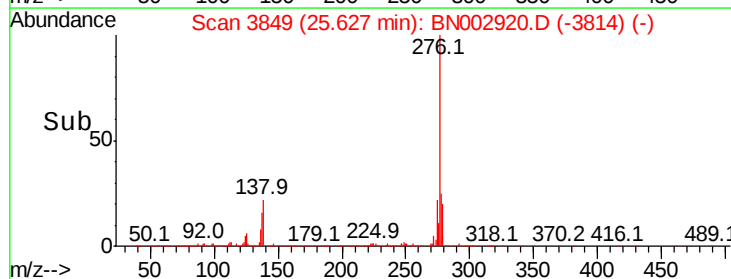
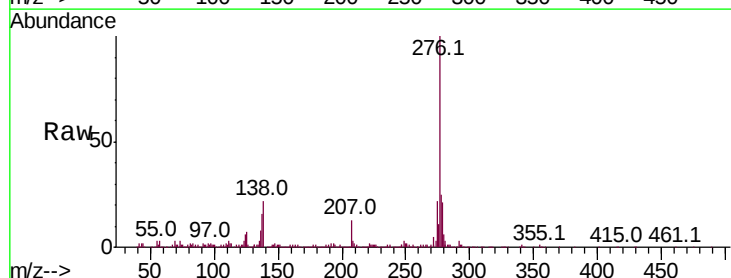
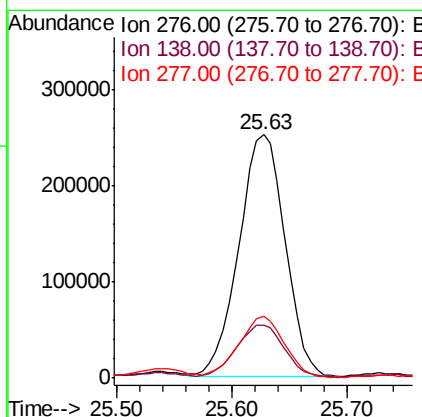
Manual Integrations
APPROVED

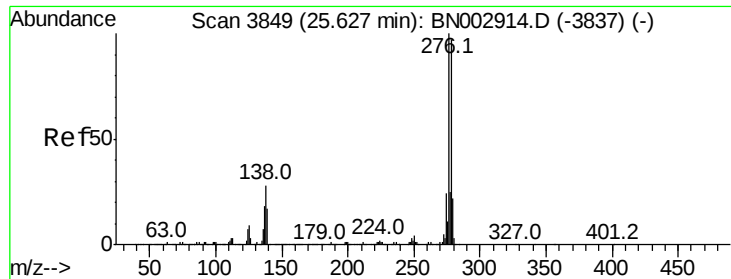
Sohil
10/4/2018 5:15:19 PM



#91
Indeno(1,2,3-cd)pyrene
Concen: 16.829 ng/ul
RT: 25.63 min Scan# 3849
Delta R.T. 0.01 min
Lab File: BN002920.D
Acq: 04 Oct 2018 02:39

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.7	20.2	30.4
277	25.3	20.0	30.0





#92

Dibenzo(a,h)anthracene

Concen: 5.058 ng/ul m

RT: 25.62 min Scan# 3848

Delta R.T. -0.01 min

Lab File: BN002920.D

Acq: 04 Oct 2018 02:39

Instrument :

BNA_N

ClientSampled :

JLC63

Tot Ion:278 Resp: 177766

Ion Ratio Lower Upper

278 100

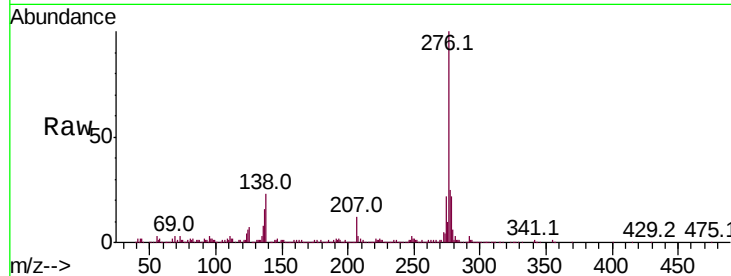
139 0.0 12.7 19.1#

279 25.7 18.7 28.1

Manual Integrations
APPROVED

Sohil

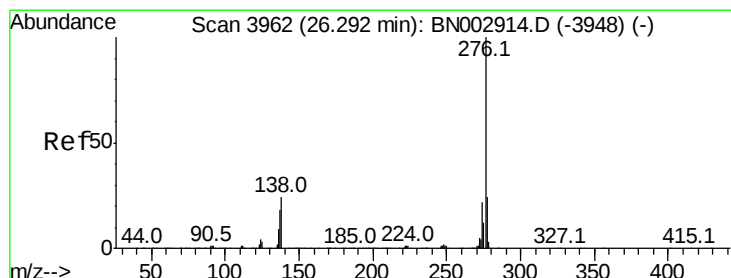
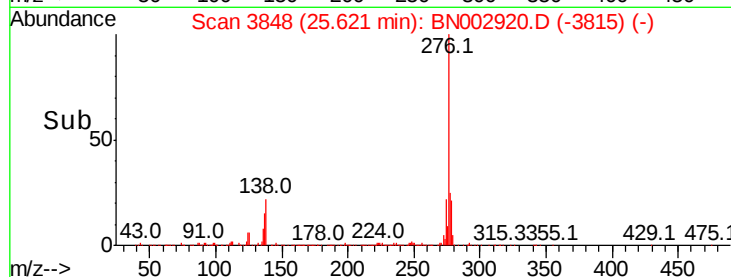
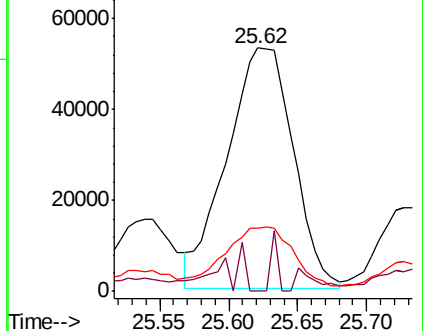
10/4/2018 5:15:19 PM



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#93

Benzo(g,h,i)perylene

Concen: 19.609 ng/ul

RT: 26.30 min Scan# 3963

Delta R.T. 0.01 min

Lab File: BN002920.D

Acq: 04 Oct 2018 02:39

Tgt Ion:276 Resp: 683692

Ion Ratio Lower Upper

276 100

138 22.7 18.2 27.2

277 24.2 18.6 28.0

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

