

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091319\
 Data File : BN007615.D
 Acq On : 13 Sep 2019 08:04
 Operator : HP/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Manual Integrations
 APPROVED

Jagrut
 9/17/2019 9:33:21 AM

Quant Time: Sep 14 02:14:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 14:27:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	9004	0.40	ng	0.00
7) Naphthalene-d8	10.48	136	34718	0.40	ng	-0.01
13) Acenaphthene-d10	14.34	164	19501	0.40	ng	0.00
19) Phenanthrene-d10	17.08	188	39766	0.40	ng	0.00
27) Chrysene-d12	21.27	240	39639	0.40	ng	-0.01
34) Perylene-d12	23.50	264	40243	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.33	112	10137	0.35	ng	0.00
5) Phenol-d6	6.89	99	12855	0.37	ng	0.00
8) Nitrobenzene-d5	8.86	82	11114	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	12.08	152	24490	0.42	ng	0.00
14) 2,4,6-Tribromophenol	15.83	330	2247	0.30	ng	0.00
15) 2-Fluorobiphenyl	12.97	172	33942	0.40	ng	0.00
25) Fluoranthene-d10	19.11	212	51947	0.41	ng	0.00
29) Terphenyl-d14	19.72	244	43787	0.42	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.33	88	4215	0.391	ng	98
3) n-Nitrosodimethylamine	3.03	42	2132m	0.435	ng	
6) bis(2-Chloroethyl)ether	7.16	93	9762	0.369	ng	96
9) Naphthalene	10.53	128	42207	0.424	ng	100
10) Hexachlorobutadiene	10.84	225	8481	0.423	ng	# 100
12) 2-Methylnaphthalene	12.15	142	28073	0.420	ng	99
16) Acenaphthylene	14.06	152	37471	0.369	ng	100
17) Acenaphthene	14.40	154	25435	0.385	ng	99
18) Fluorene	15.38	166	32203	0.386	ng	99
20) 4-Bromophenyl-phenylether	16.28	248	10419	0.424	ng	# 89
21) Hexachlorobenzene	16.39	284	11230	0.427	ng	98
22) Pentachlorophenol	16.73	266	2304	0.338	ng	96
23) Phenanthrene	17.12	178	53896	0.430	ng	100
24) Anthracene	17.21	178	44893	0.404	ng	100
26) Fluoranthene	19.14	202	61405	0.419	ng	99
28) Pyrene	19.51	202	60607	0.421	ng	100
30) Benzo(a)anthracene	21.26	228	54231	0.386	ng	99
31) Chrysene	21.31	228	63049	0.431	ng	99
32) Bis(2-ethylhexyl)phthalate	21.22	149	15742	0.330	ng	100
33) Indeno(1,2,3-cd)pyrene	25.72	276	67581	0.433	ng	100
35) Benzo(b)fluoranthene	22.83	252	57457	0.393	ng	99
36) Benzo(k)fluoranthene	22.88	252	62204	0.416	ng	98
37) Benzo(a)pyrene	23.40	252	49656	0.383	ng	99
38) Dibenzo(a,h)anthracene	25.73	278	55546	0.409	ng	99
39) Benzo(g,h,i)perylene	26.39	276	54108	0.403	ng	99

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

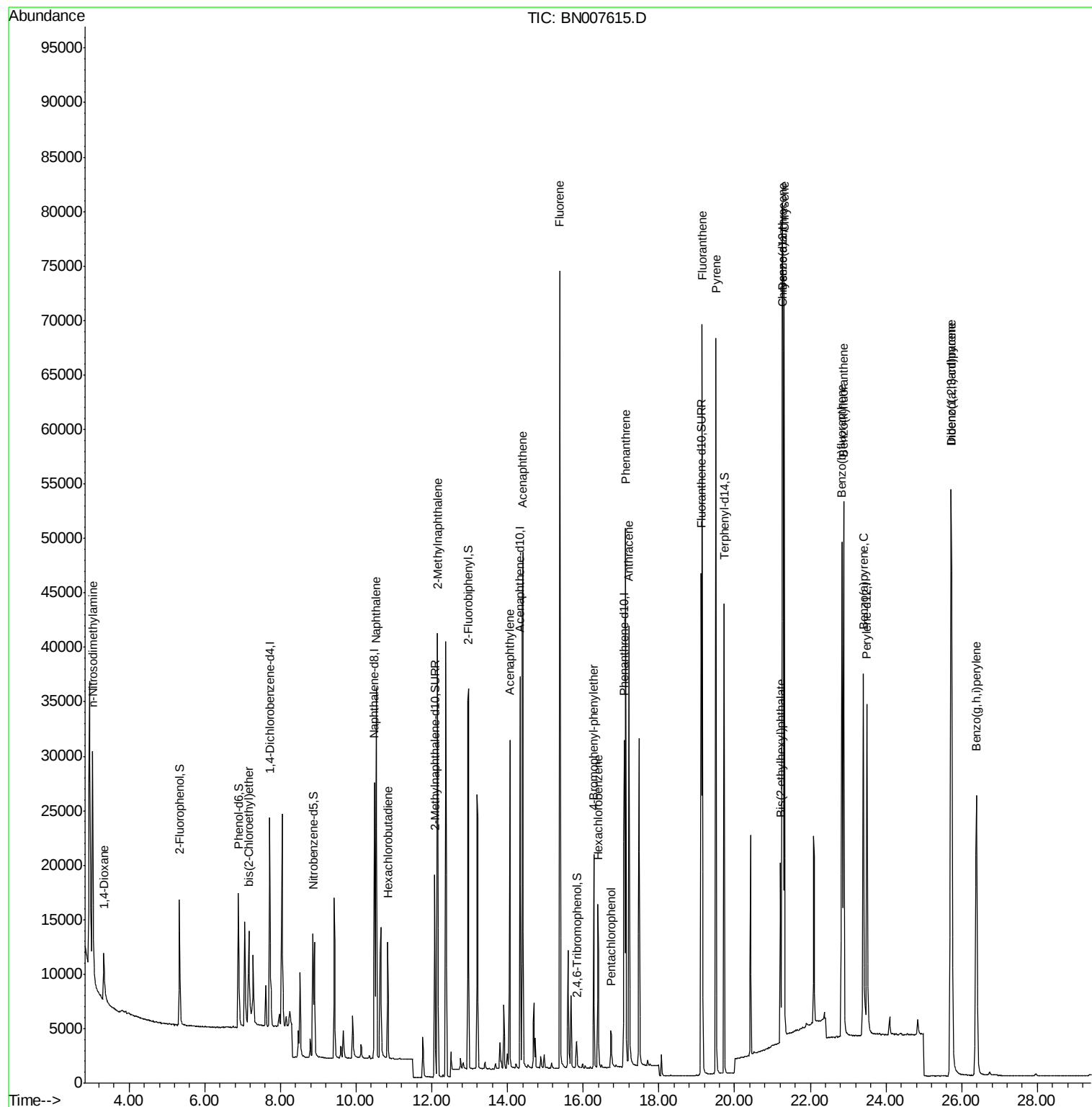
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091319\
Data File : BN007615.D
Acq On : 13 Sep 2019 08:04
Operator : HP/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Manual Integrations
APPROVED

Jagrut
9/17/2019 9:33:21 AM

Quant Time: Sep 14 02:14:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 12 14:27:51 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.72 min Scan# 607

Delta R.T. -0.01 min

Lab File: BN007615.D

Acq: 13 Sep 2019 08:04

Instrument :

BNA_N

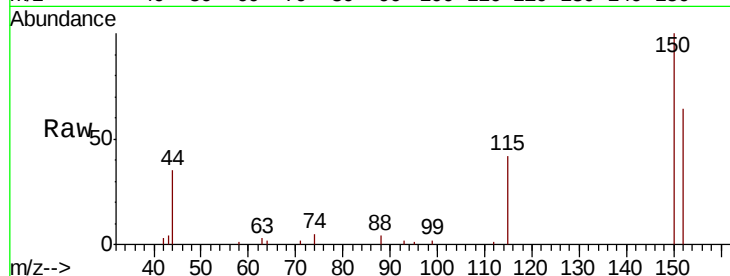
ClientSampleId :

SSTDCCC0.4

Tot Ion:	152	Resp:	9004
Ion	Ratio	Lower	Upper
152	100		
150	156.0	122.4	183.6
115	65.0	50.4	75.6

Manual Integrations
APPROVED

Jagrut
9/17/2019 9:33:21 AM

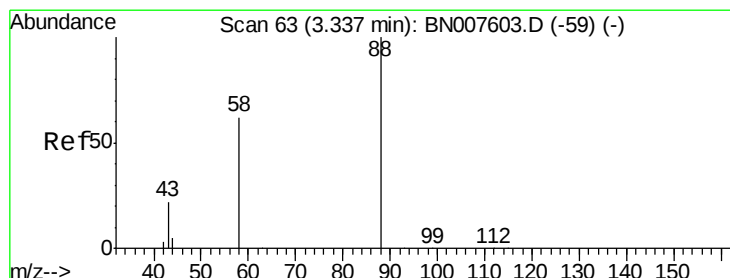
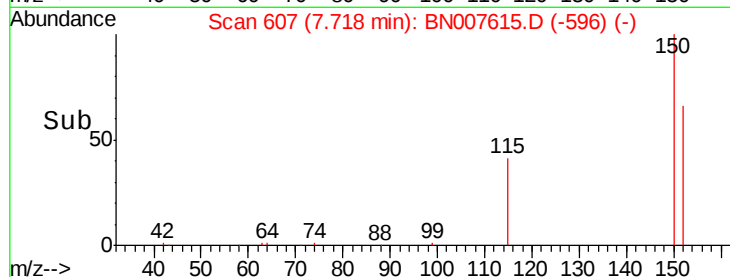
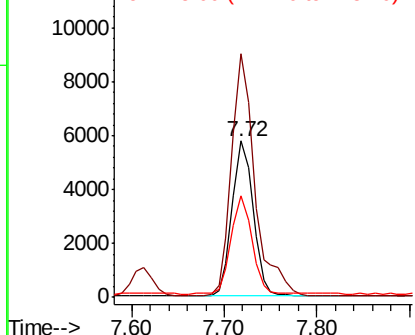


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.391 ng

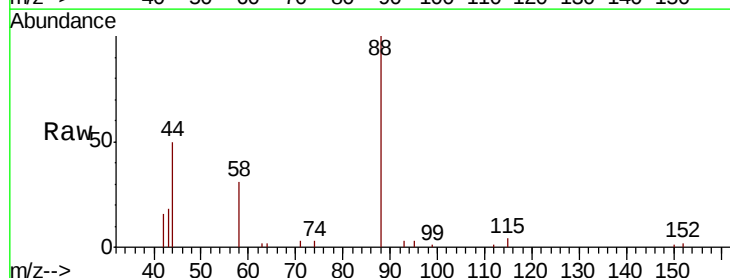
RT: 3.33 min Scan# 62

Delta R.T. -0.01 min

Lab File: BN007615.D

Acq: 13 Sep 2019 08:04

Tgt Ion:	88	Resp:	4215
Ion	Ratio	Lower	Upper
88	100		
58	69.5	57.0	85.4
43	23.2	20.0	30.0

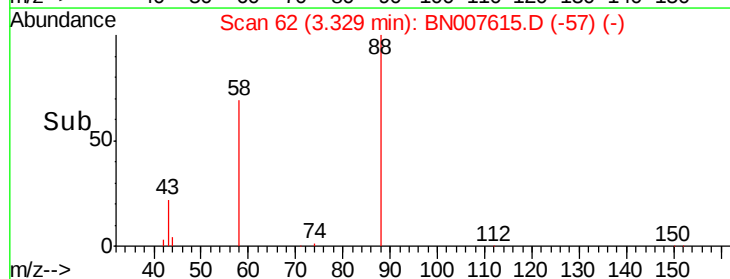
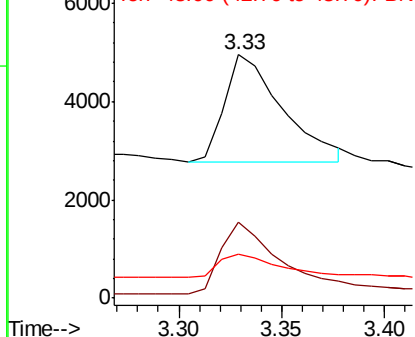


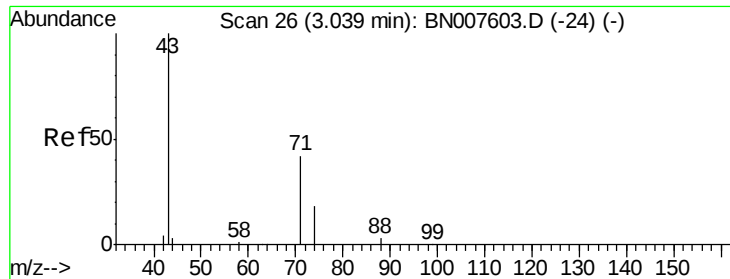
Abundance

Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

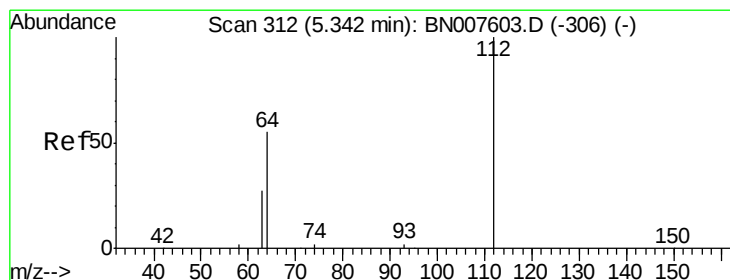
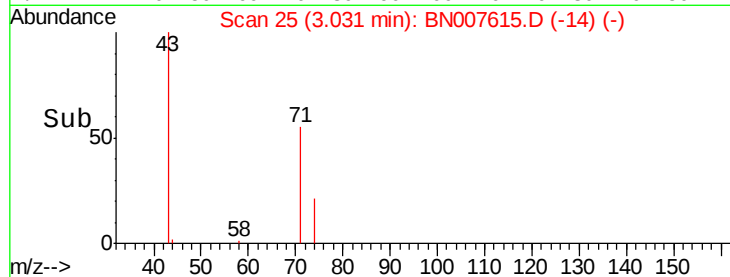
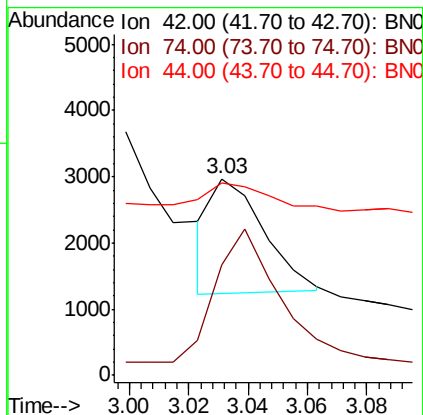
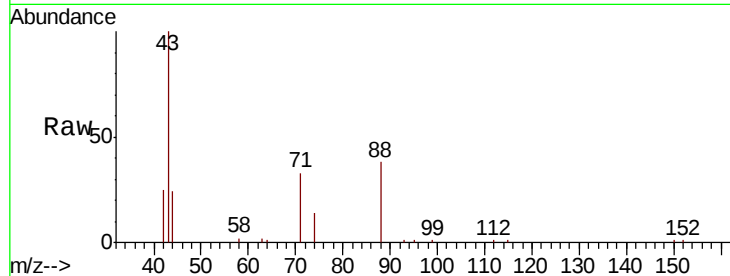
n-Nitrosodimethylamine
 Concen: 0.435 ng/ml
 RT: 3.03 min Scan# 25
 Delta R.T. -0.01 min
 Lab File: BN007615.D
 Acq: 13 Sep 2019 08:04

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
42	100		
74	0.0	9.8	14.8#
44	0.0	0.0	0.0

Manual Integrations
 APPROVED

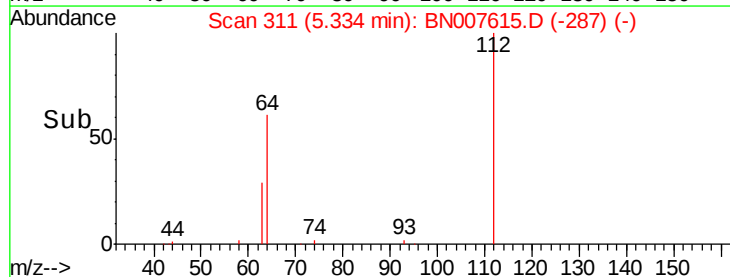
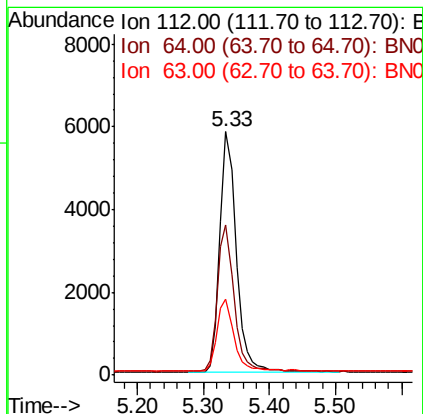
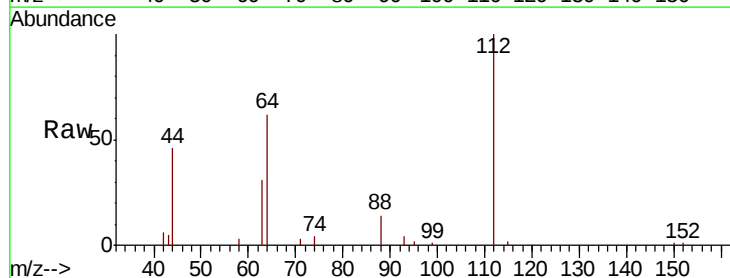
Jagrut
 9/17/2019 9:33:21 AM

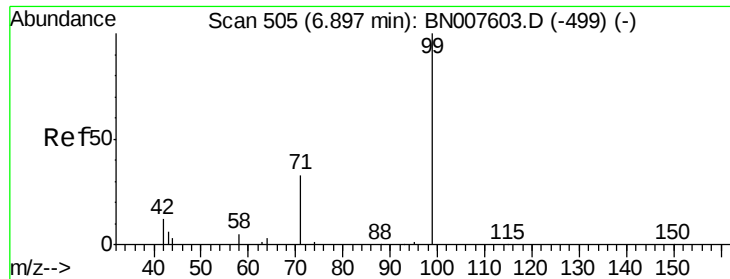


#4

2-Fluorophenol
 Concen: 0.352 ng/ml
 RT: 5.33 min Scan# 311
 Delta R.T. -0.01 min
 Lab File: BN007615.D
 Acq: 13 Sep 2019 08:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.7	48.5	72.7
63	29.7	24.4	36.6





#5

Phenol-d6

Concen: 0.366 ng

RT: 6.89 min Scan# 504

Delta R.T. -0.01 min

Lab File: BN007615.D

Acq: 13 Sep 2019 08:04

Instrument :

BNA_N

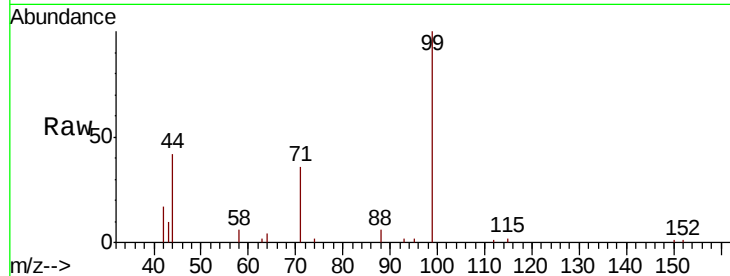
ClientSampleId :

SSTDCCC0.4

Tot Ion:	99	Resp:	12855
Ion	Ratio	Lower	Upper
99	100		
42	15.2	11.8	17.6
71	34.8	28.0	42.0

Manual Integrations
APPROVED

Jagrut
9/17/2019 9:33:21 AM

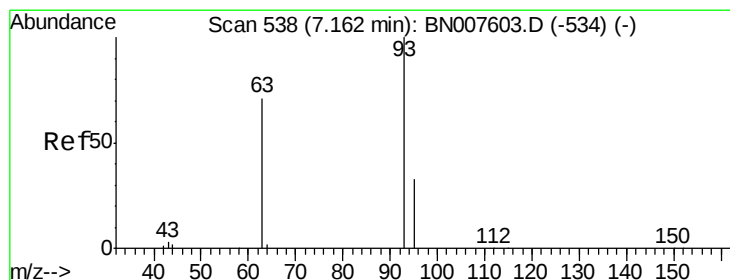
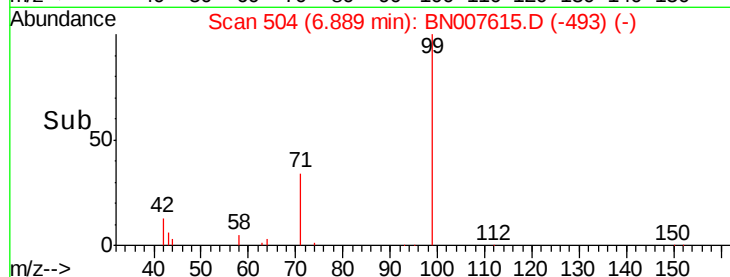
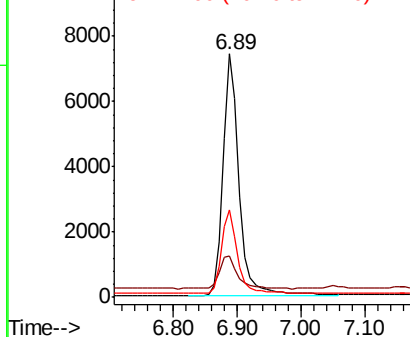


Abundance

Ion 99.00 (98.70 to 99.70): BN007615.D (-513) (-)

Ion 42.00 (41.70 to 42.70): BN007615.D (-513) (-)

Ion 71.00 (70.70 to 71.70): BN007615.D (-513) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.369 ng

RT: 7.16 min Scan# 538

Delta R.T. -0.00 min

Lab File: BN007615.D

Acq: 13 Sep 2019 08:04

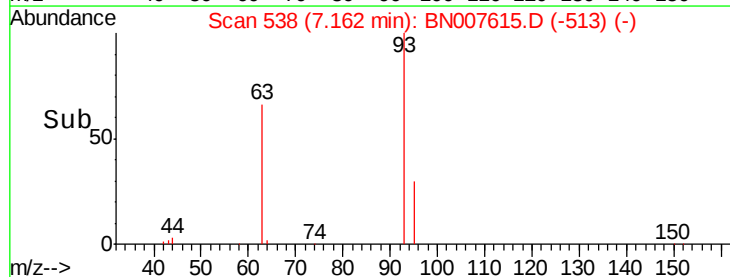
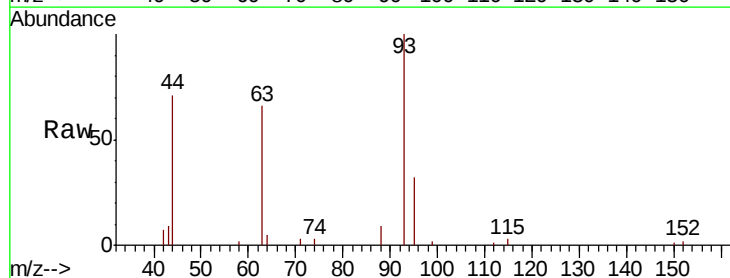
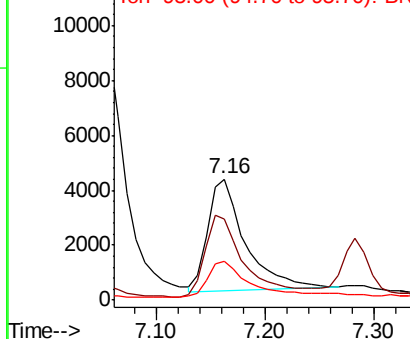
Tgt Ion:	93	Resp:	9762
Ion	Ratio	Lower	Upper
93	100		
63	78.2	61.2	91.8
95	38.6	27.2	40.8

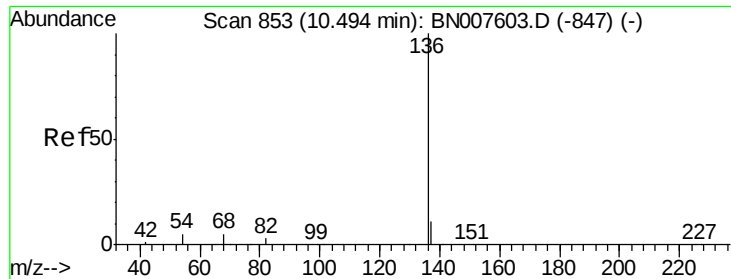
Abundance

Ion 93.00 (92.70 to 93.70): BN007615.D (-513) (-)

Ion 63.00 (62.70 to 63.70): BN007615.D (-513) (-)

Ion 95.00 (94.70 to 95.70): BN007615.D (-513) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.48 min Scan# 852

Delta R.T. -0.01 min

Lab File: BN007615.D

Acq: 13 Sep 2019 08:04

Instrument :

BNA_N

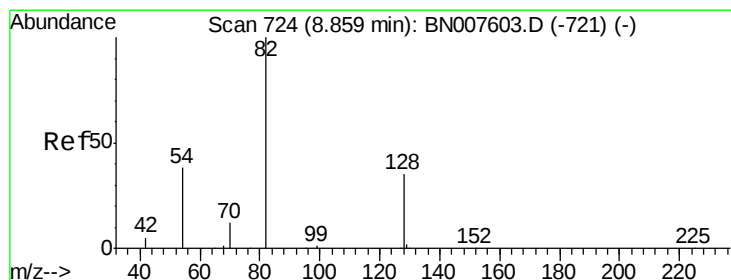
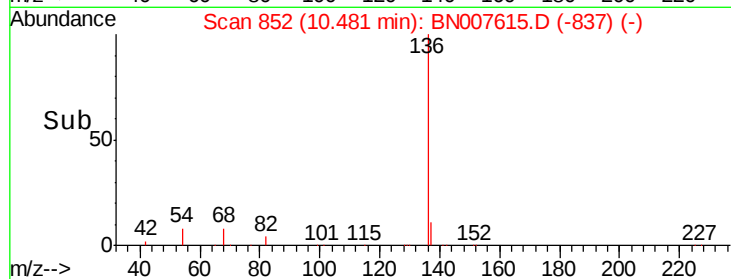
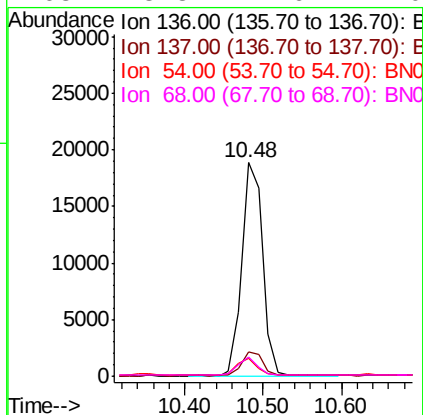
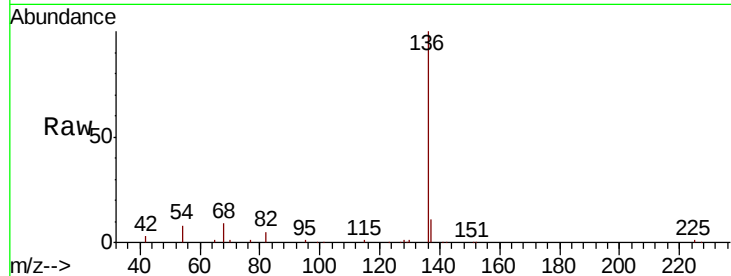
ClientSampleId :

SSTDCCC0.4

Tot Ion	Ratio	Resp	Lower	Upper
136	100	34718		
137	11.2		8.8	13.2
54	8.2		4.2	6.4#
68	8.8		4.6	7.0#

Manual Integrations
APPROVED

Jagrut
9/17/2019 9:33:21 AM



#8

Nitrobenzene-d5

Concen: 0.401 ng

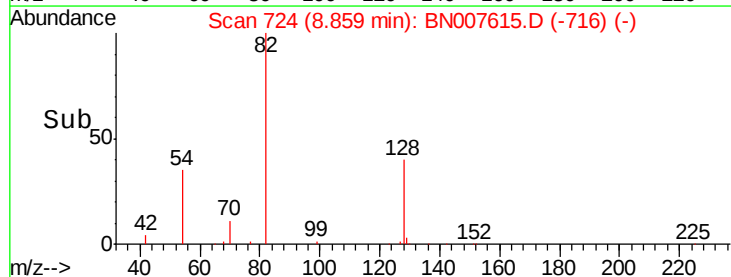
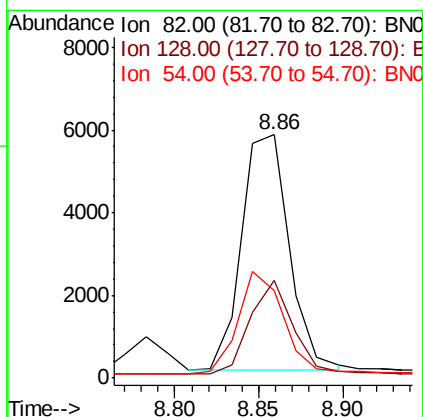
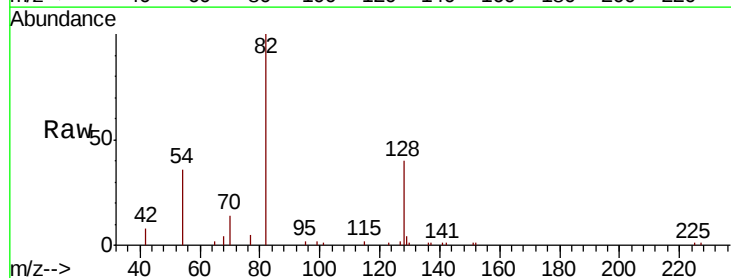
RT: 8.86 min Scan# 724

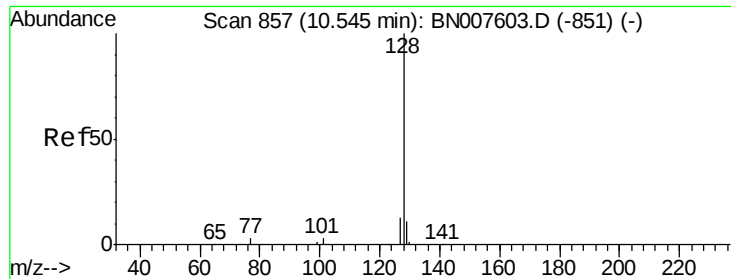
Delta R.T. -0.00 min

Lab File: BN007615.D

Acq: 13 Sep 2019 08:04

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	11114		
128	40.2		27.9	41.9
54	35.8		30.9	46.3





#9

Naphthalene

Concen: 0.424 ng

RT: 10.53 min Scan# 856

Delta R.T. -0.01 min

Lab File: BN007615.D

Acq: 13 Sep 2019 08:04

Instrument :

BNA_N

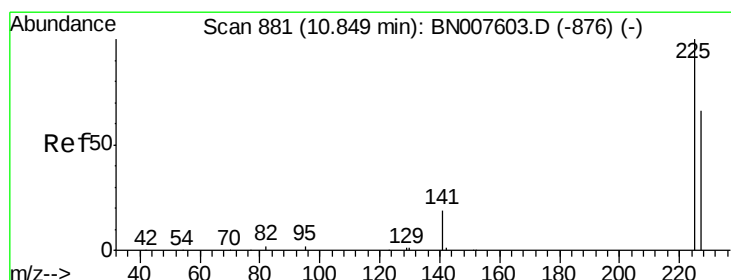
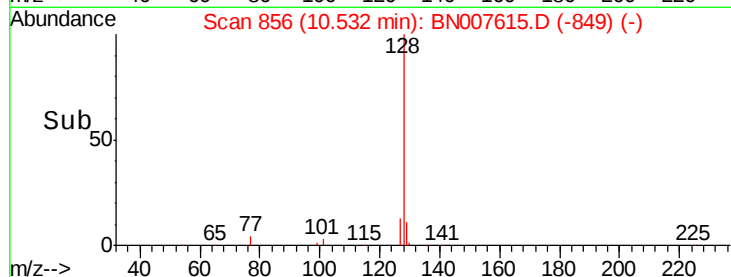
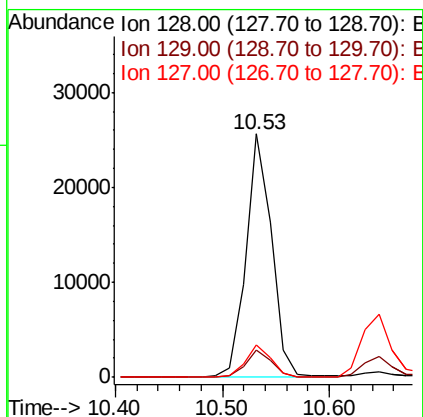
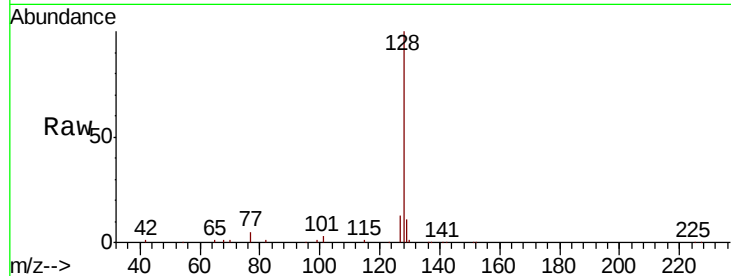
ClientSampleId :

SSTDCCC0.4

Tot Ion:	128	Resp:	42207
Ion Ratio	Lower	Upper	
128	100		
129	11.2	9.0	13.4
127	13.3	10.4	15.6

Manual Integrations
APPROVED

Jagrut
9/17/2019 9:33:21 AM



#10

Hexachlorobutadiene

Concen: 0.423 ng

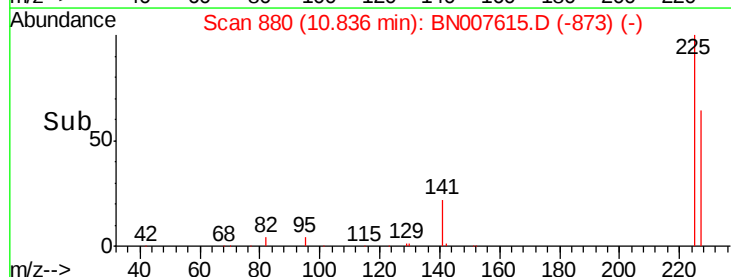
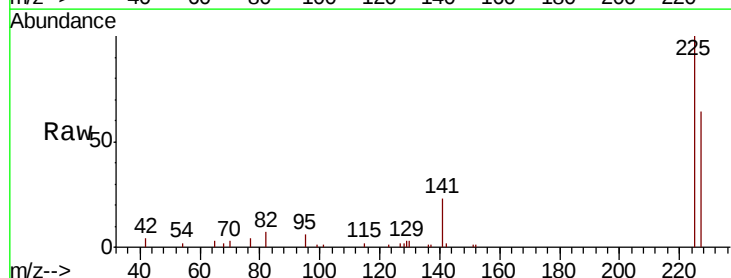
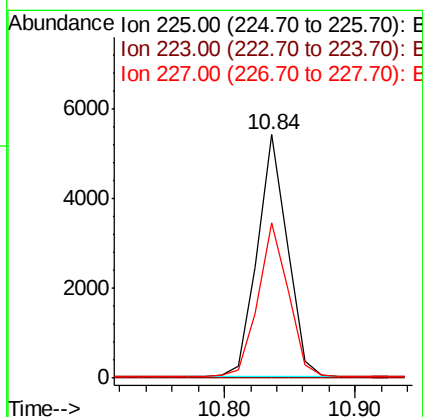
RT: 10.84 min Scan# 880

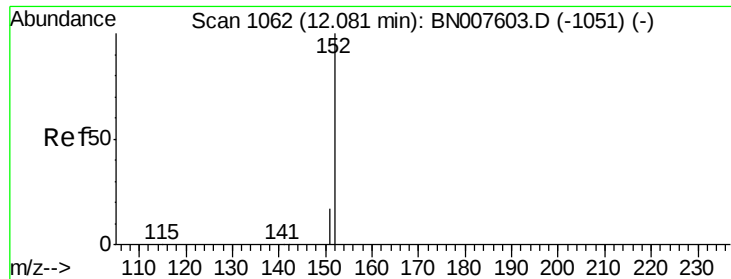
Delta R.T. -0.01 min

Lab File: BN007615.D

Acq: 13 Sep 2019 08:04

Tgt Ion:	225	Resp:	8481
Ion Ratio	Lower	Upper	
225	100		
223	0.0	0.0	0.0
227	63.8	51.3	76.9





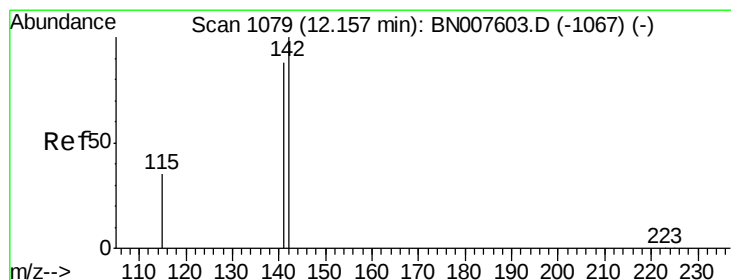
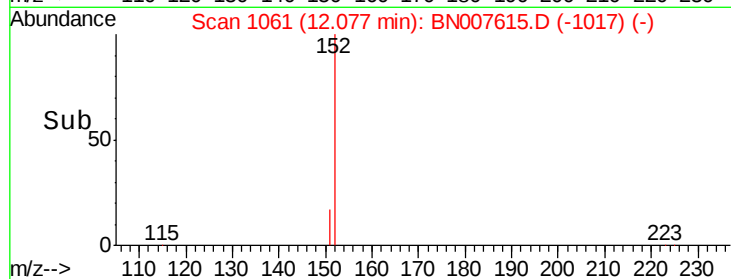
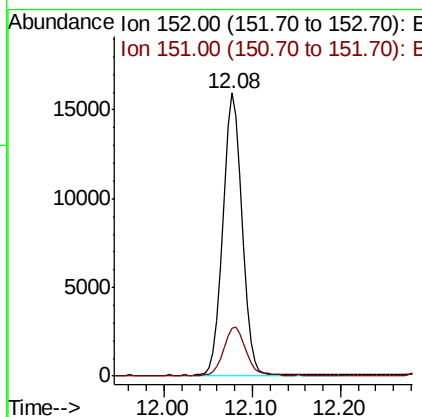
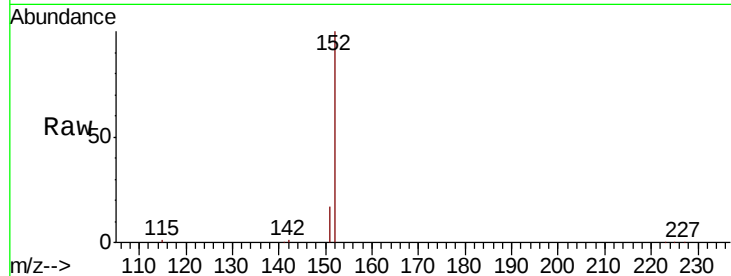
#11
2-Methylnaphthalene-d10
Concen: 0.417 ng
RT: 12.08 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BN007615.D
Acq: 13 Sep 2019 08:04

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.3	22.9

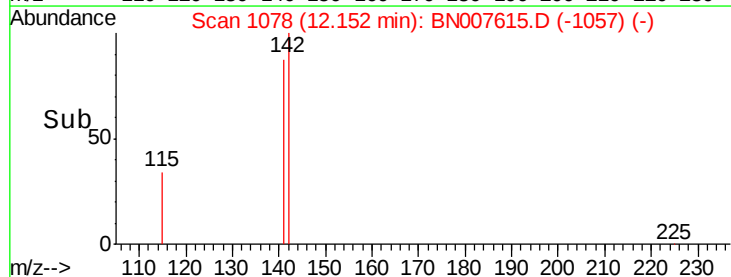
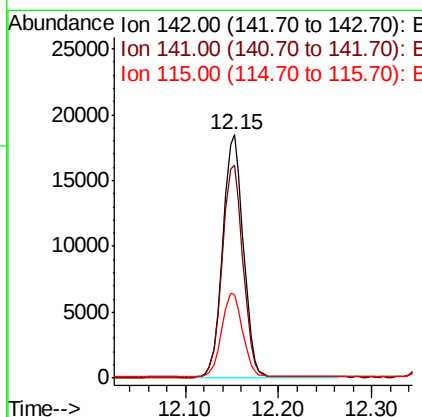
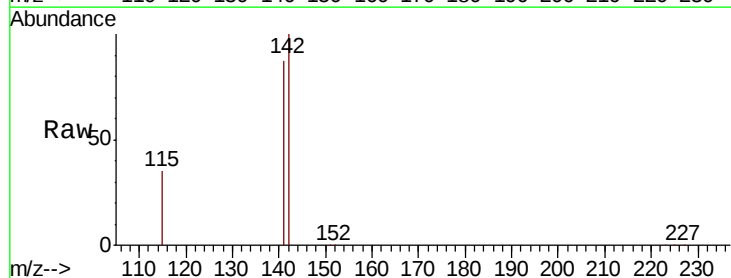
Manual Integrations
APPROVED

Jagrut
9/17/2019 9:33:21 AM



#12
2-Methylnaphthalene
Concen: 0.420 ng
RT: 12.15 min Scan# 1078
Delta R.T. -0.00 min
Lab File: BN007615.D
Acq: 13 Sep 2019 08:04

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.3	70.5	105.7
115	34.5	28.4	42.6





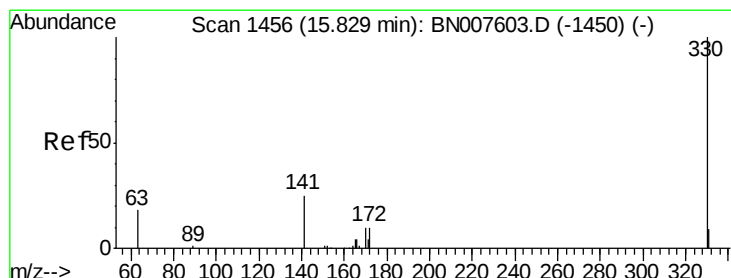
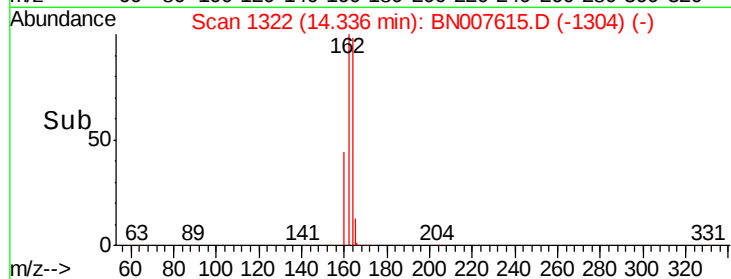
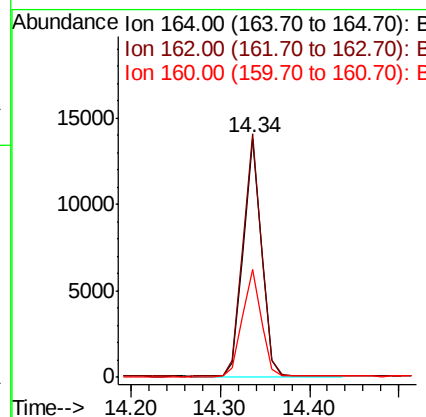
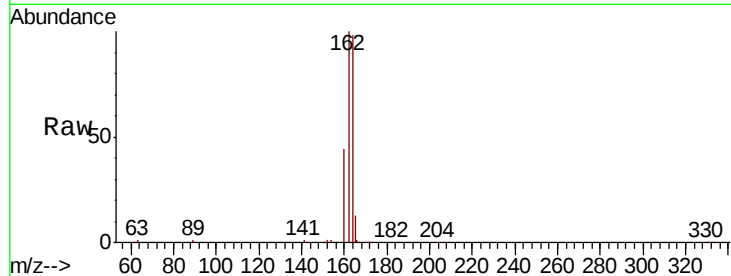
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.34 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BN007615.D
Acq: 13 Sep 2019 08:04

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.0	82.8	124.2
160	45.4	38.0	57.0

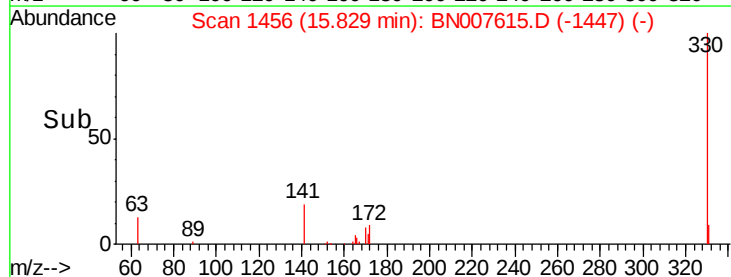
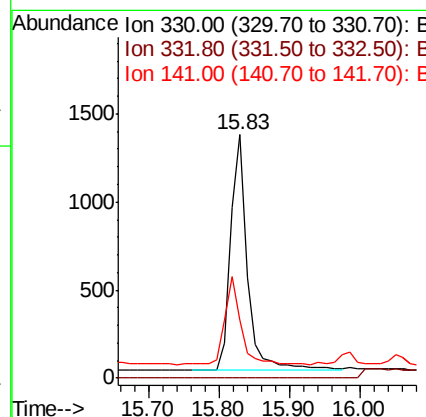
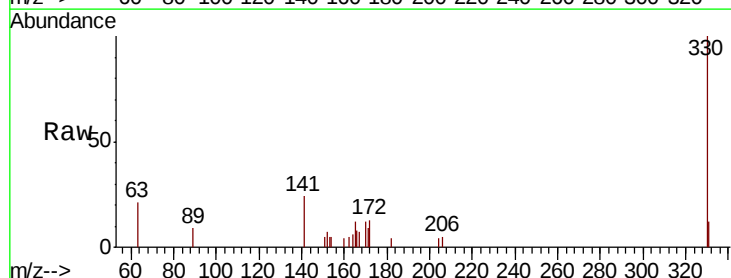
Manual Integrations
APPROVED

Jagrut
9/17/2019 9:33:21 AM



#14
2,4,6-Tribromophenol
Concen: 0.305 ng
RT: 15.83 min Scan# 1456
Delta R.T. -0.00 min
Lab File: BN007615.D
Acq: 13 Sep 2019 08:04

Tgt Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	35.3	30.1	45.1





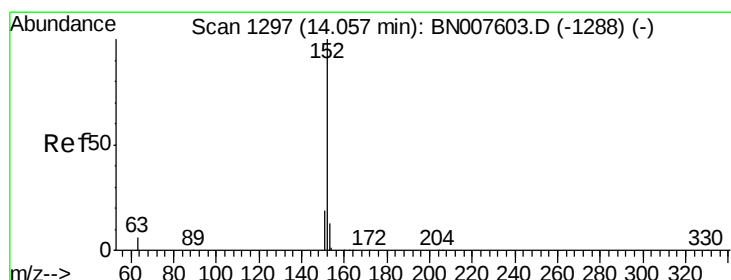
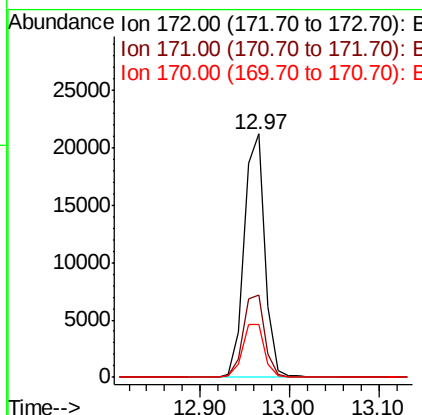
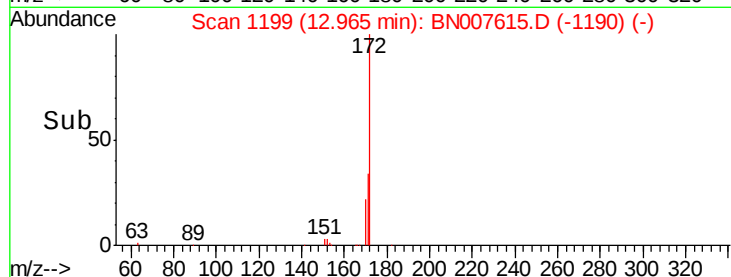
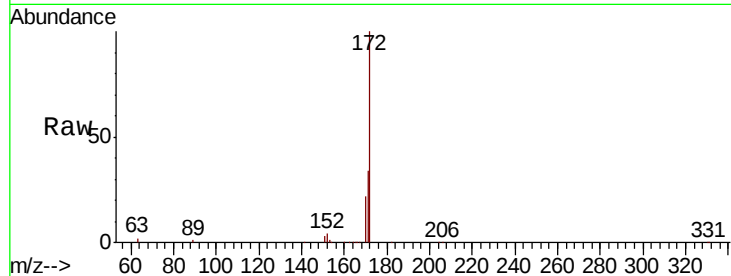
#15
2-Fluorobiphenyl
Concen: 0.399 ng
RT: 12.97 min Scan# 1199
Delta R.T. -0.00 min
Lab File: BN007615.D
Acq: 13 Sep 2019 08:04

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
172	100		
171	33.8	27.9	41.9
170	21.9	18.5	27.7

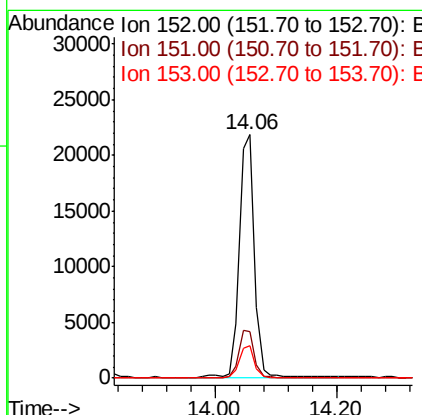
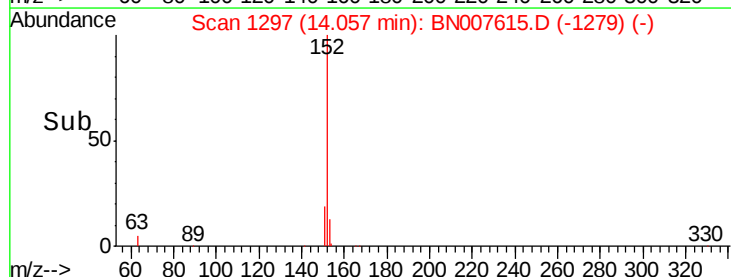
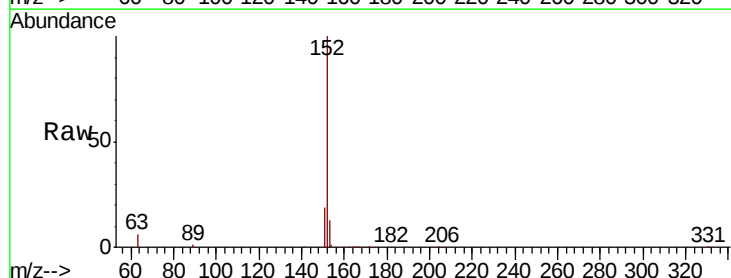
Manual Integrations
APPROVED

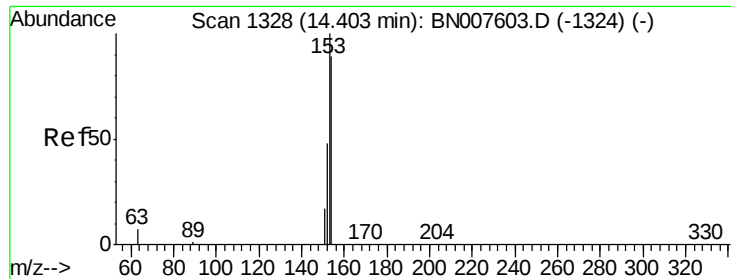
Jagrut
9/17/2019 9:33:21 AM



#16
Acenaphthylene
Concen: 0.369 ng
RT: 14.06 min Scan# 1297
Delta R.T. -0.00 min
Lab File: BN007615.D
Acq: 13 Sep 2019 08:04

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.7	23.5
153	13.1	10.4	15.6





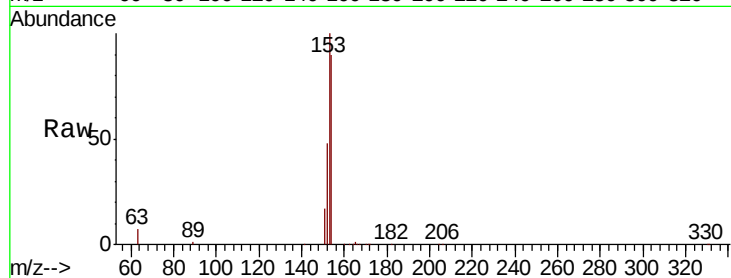
#17
Acenaphthene
Concen: 0.385 ng
RT: 14.40 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BN007615.D
Acq: 13 Sep 2019 08:04

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
154	100		
153	113.3	89.8	134.8
152	56.2	43.8	65.8

Manual Integrations
APPROVED

Jagrut
9/17/2019 9:33:21 AM

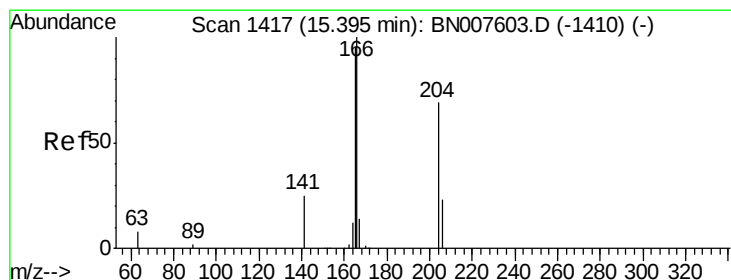
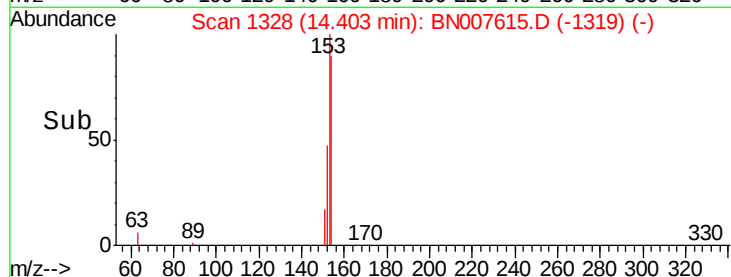
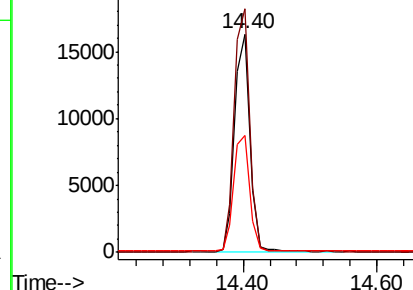


Abundance

Ion 154.00 (153.70 to 154.70): E

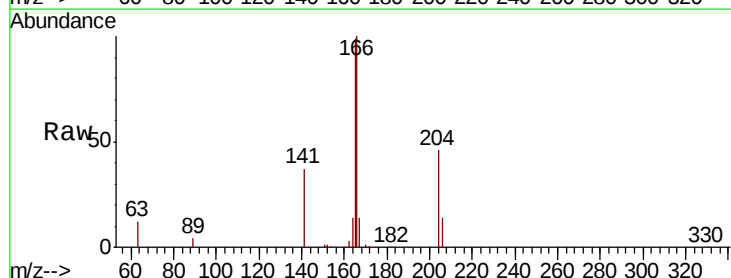
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18
Fluorene
Concen: 0.386 ng
RT: 15.38 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BN007615.D
Acq: 13 Sep 2019 08:04

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.0	77.8	116.6
167	13.6	10.8	16.2

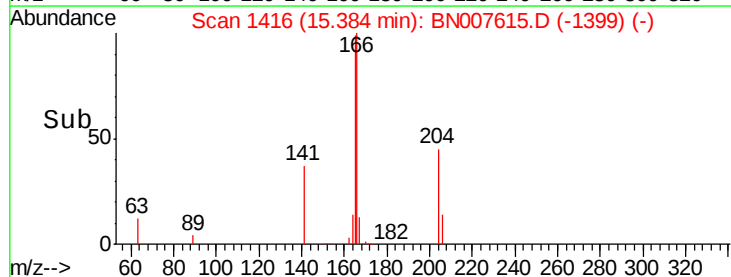
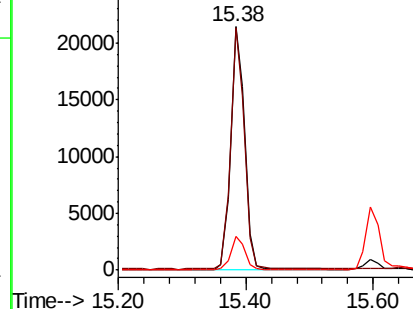


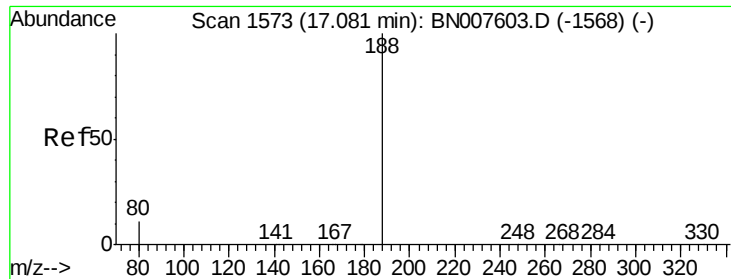
Abundance

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





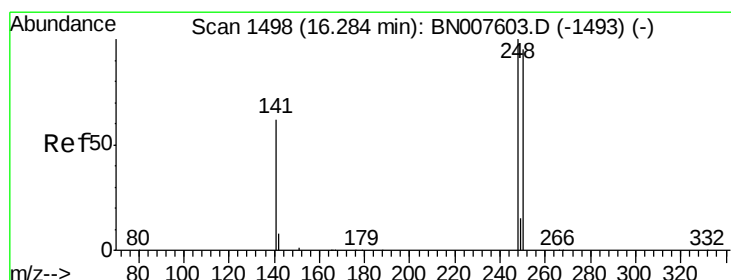
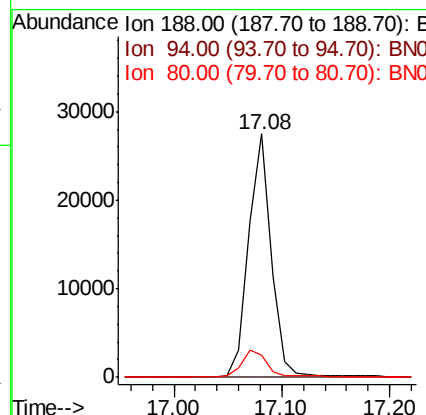
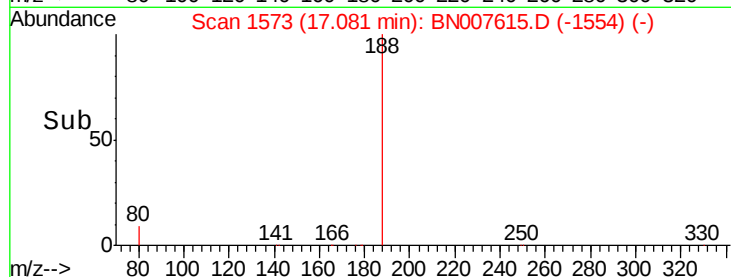
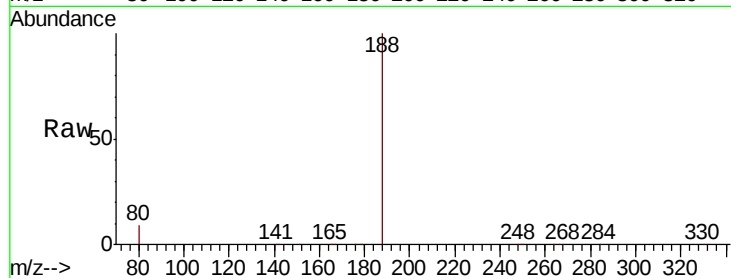
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.08 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BN007615.D
Acq: 13 Sep 2019 08:04

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.3	8.8	13.2

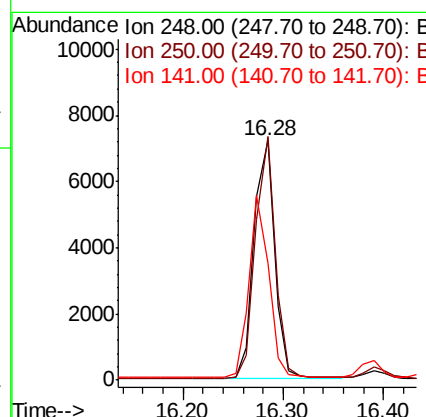
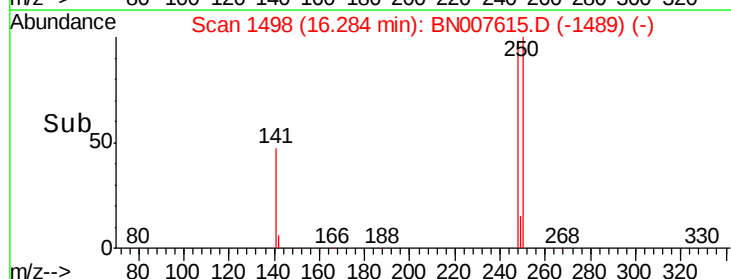
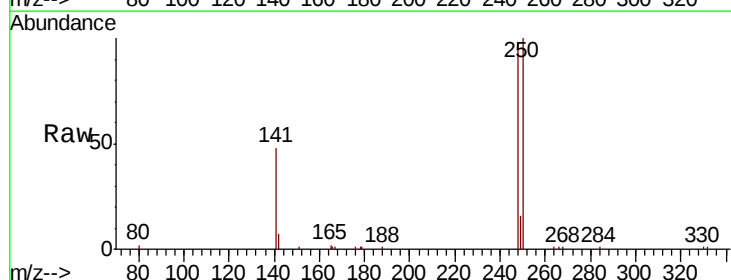
Manual Integrations
APPROVED

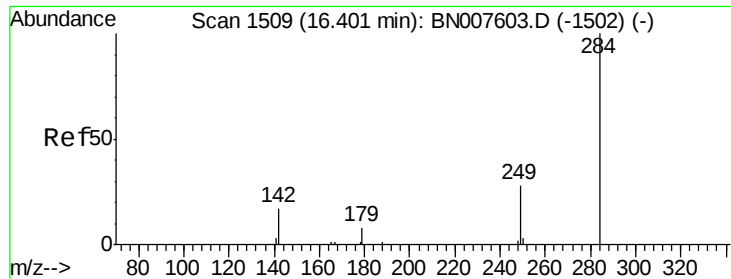
Jagrut
9/17/2019 9:33:21 AM



#20
4-Bromophenyl-phenylether
Concen: 0.424 ng
RT: 16.28 min Scan# 1498
Delta R.T. -0.00 min
Lab File: BN007615.D
Acq: 13 Sep 2019 08:04

Tgt Ion	Ratio	Resp Lower	Upper
248	100		
250	101.6	76.3	114.5
141	48.6	49.7	74.5#





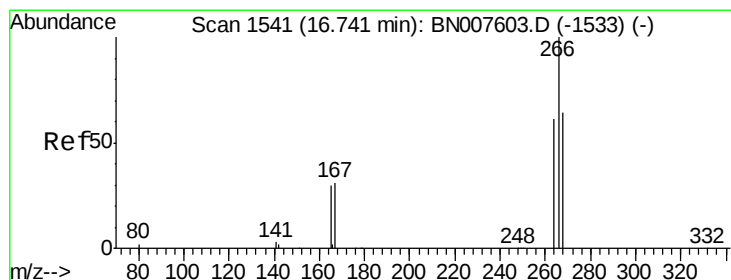
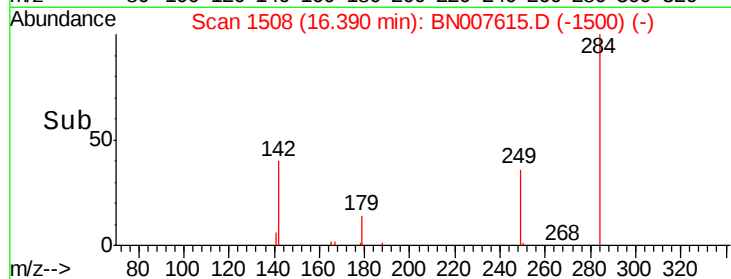
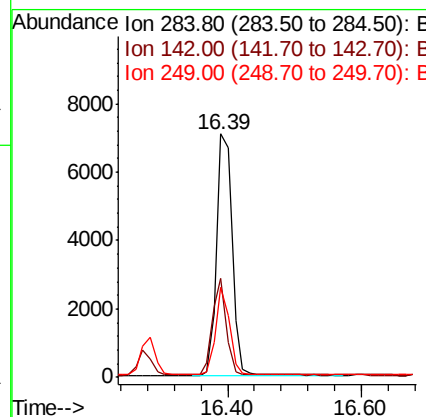
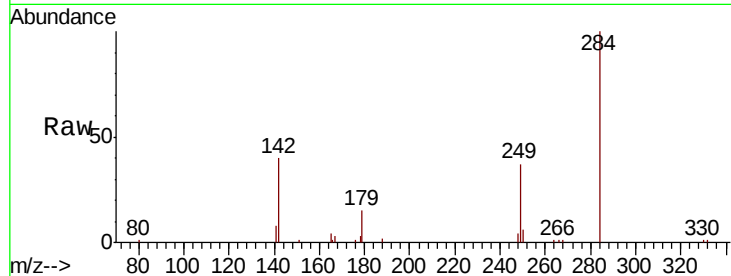
#21
Hexachlorobenzene
Concen: 0.427 ng
RT: 16.39 min Scan# 1508
Delta R.T. -0.01 min
Lab File: BN007615.D
Acq: 13 Sep 2019 08:04

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
284	100		
142	36.0	27.8	41.6
249	32.4	25.5	38.3

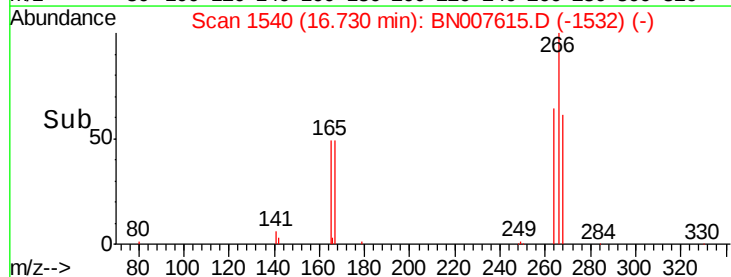
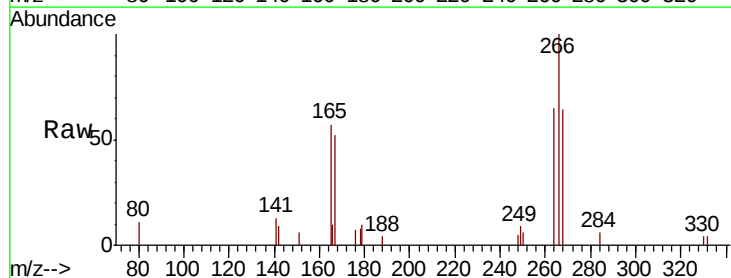
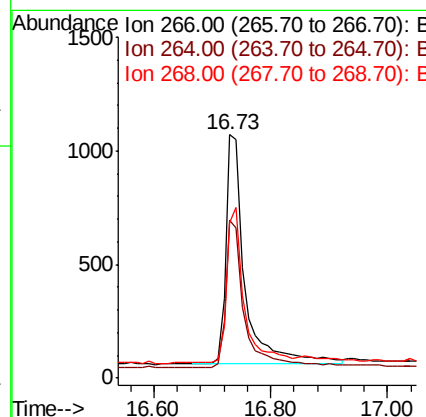
Manual Integrations
APPROVED

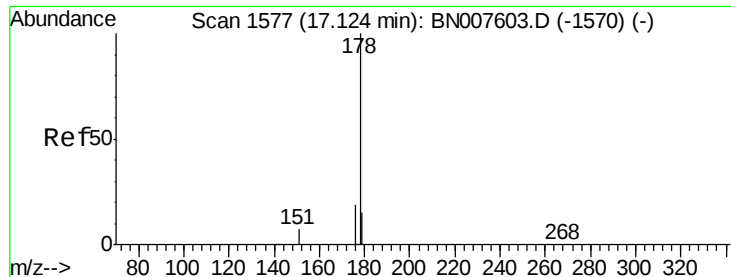
Jagrut
9/17/2019 9:33:21 AM



#22
Pentachlorophenol
Concen: 0.338 ng
RT: 16.73 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BN007615.D
Acq: 13 Sep 2019 08:04

Tgt Ion	Ratio	Lower	Upper
266	100		
264	65.1	49.4	74.0
268	63.6	53.0	79.6





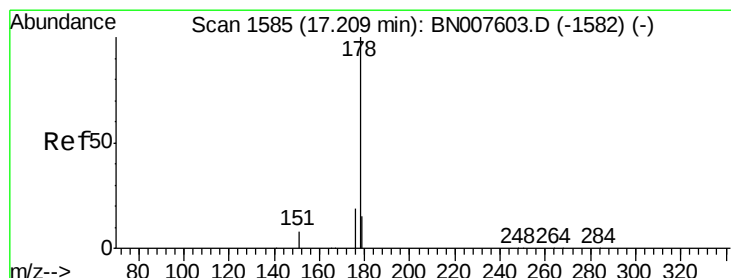
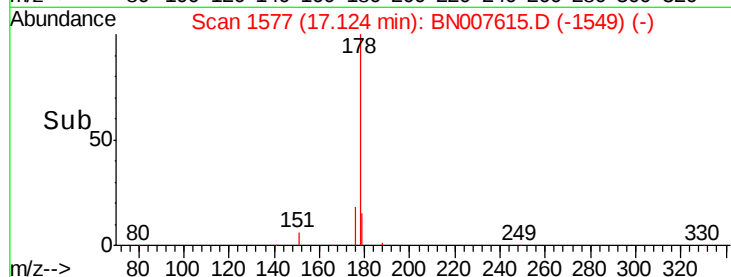
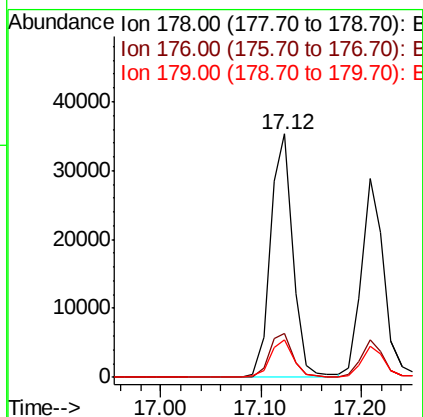
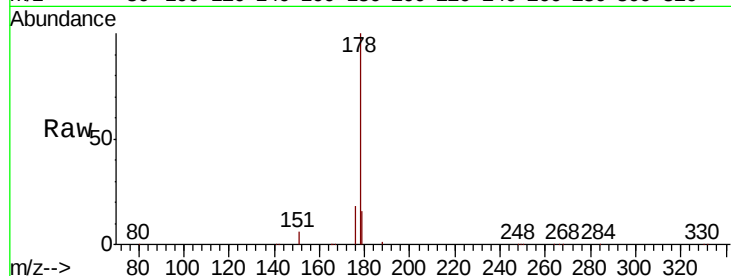
#23
Phenanthrene
Concen: 0.430 ng
RT: 17.12 min Scan# 1577
Delta R.T. -0.00 min
Lab File: BN007615.D
Acq: 13 Sep 2019 08:04

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.6
179	15.5	12.4	18.6

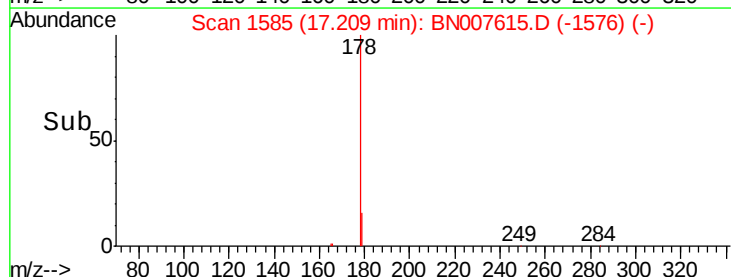
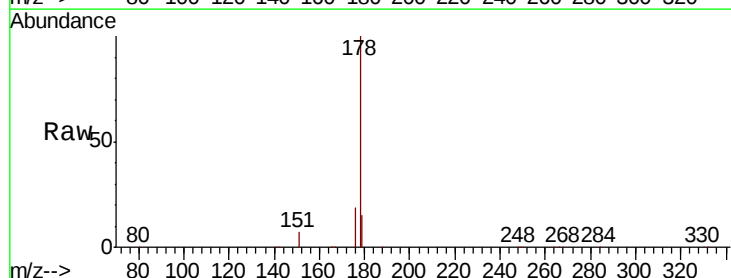
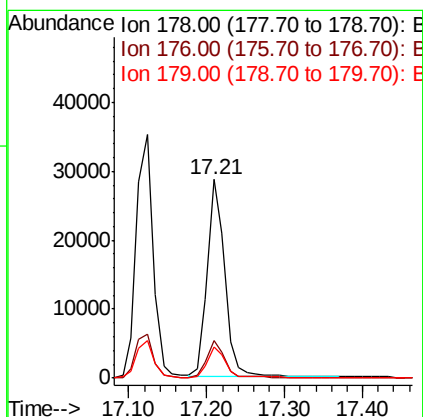
Manual Integrations
APPROVED

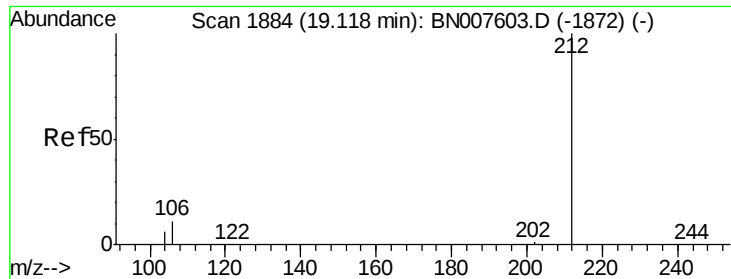
Jagrut
9/17/2019 9:33:21 AM



#24
Anthracene
Concen: 0.404 ng
RT: 17.21 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BN007615.D
Acq: 13 Sep 2019 08:04

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.5	21.7
179	15.2	12.4	18.6





#25

Fluoranthene-d10

Concen: 0.414 ng

RT: 19.11 min Scan# 1883

Delta R.T. -0.01 min

Lab File: BN007615.D

Acq: 13 Sep 2019 08:04

Instrument :

BNA_N

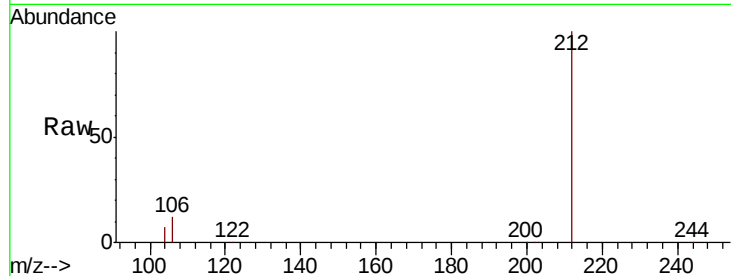
ClientSampleId :

SSTDCCC0.4

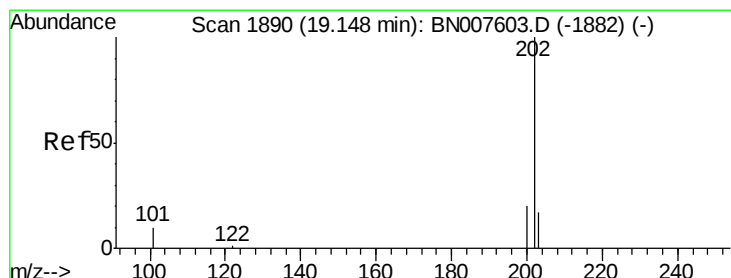
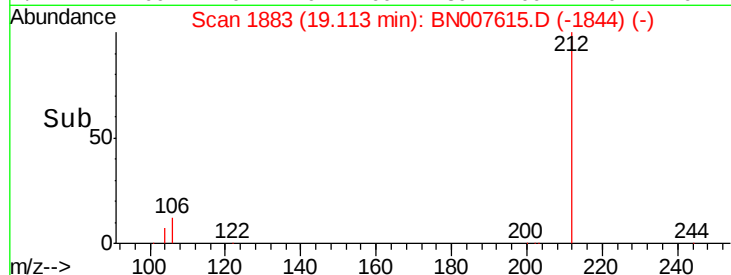
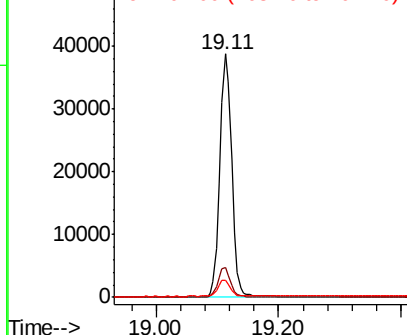
Tot Ion:	212	Resp:	51947
Ion Ratio	Lower	Upper	
212	100		
106	12.0	9.6	14.4
104	6.9	5.4	8.0

Manual Integrations
APPROVED

Jagrut
9/17/2019 9:33:21 AM



Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.419 ng

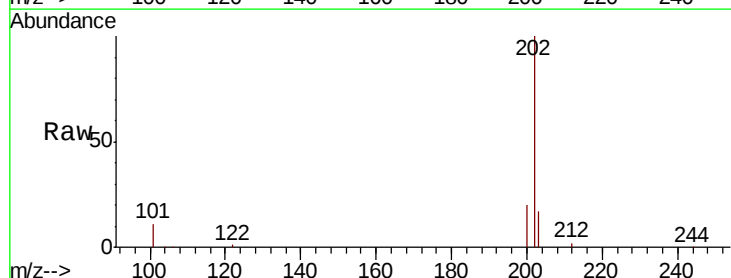
RT: 19.14 min Scan# 1889

Delta R.T. -0.01 min

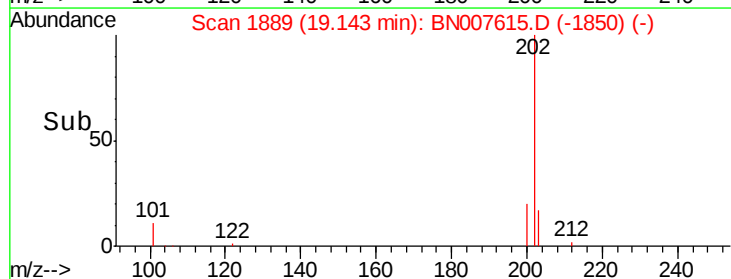
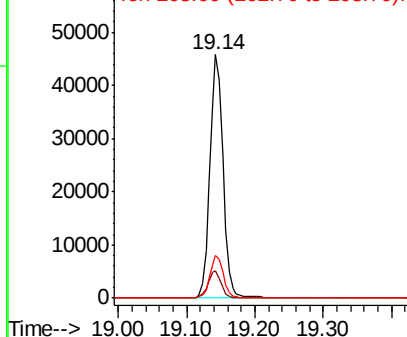
Lab File: BN007615.D

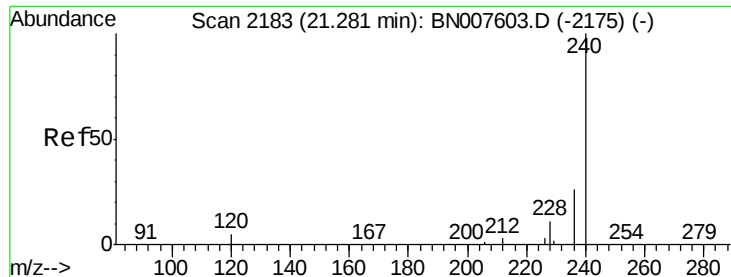
Acq: 13 Sep 2019 08:04

Tgt Ion:	202	Resp:	61405
Ion Ratio	Lower	Upper	
202	100		
101	11.1	8.6	13.0
203	17.3	13.8	20.6



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.27 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BN007615.D

Acq: 13 Sep 2019 08:04

Instrument :

BNA_N

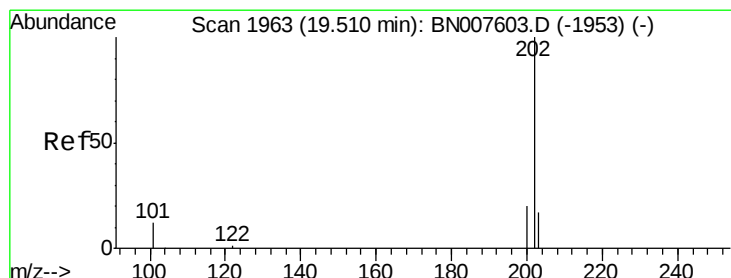
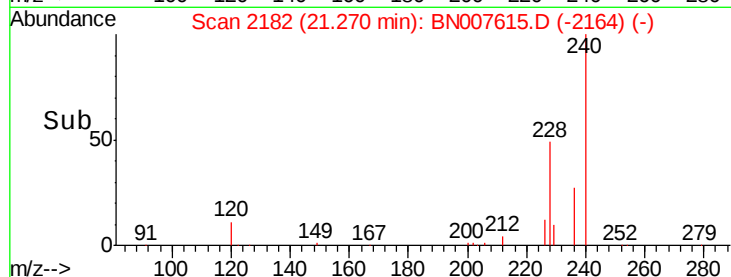
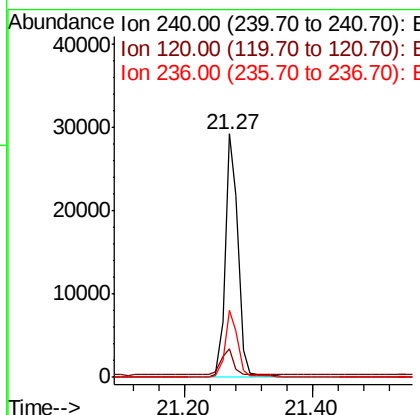
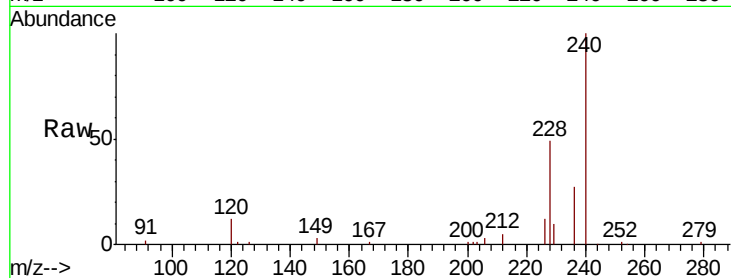
ClientSampleId :

SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.5	4.3	6.5#
236	27.3	20.8	31.2

Manual Integrations
APPROVED

Jagrut
9/17/2019 9:33:21 AM



#28

Pyrene

Concen: 0.421 ng

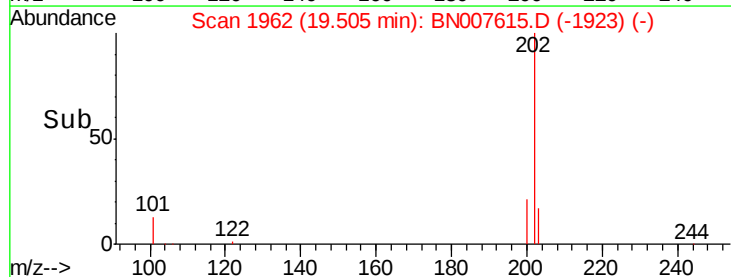
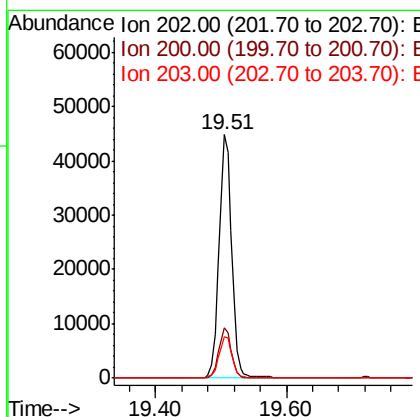
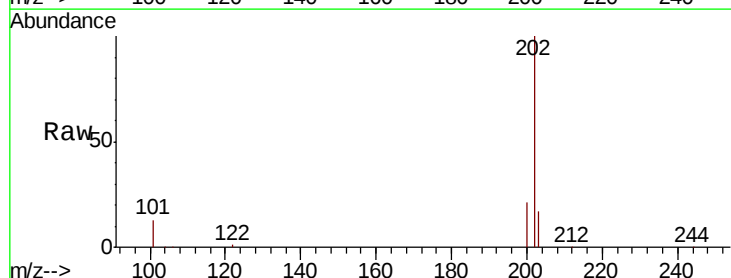
RT: 19.51 min Scan# 1962

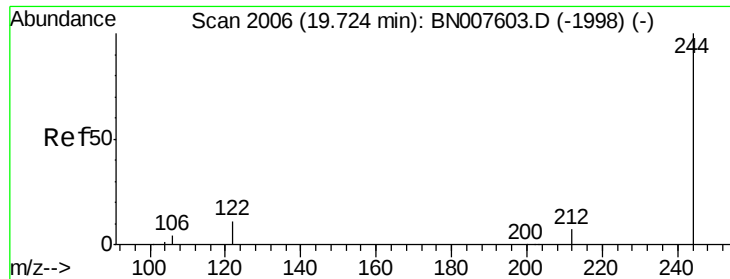
Delta R.T. -0.01 min

Lab File: BN007615.D

Acq: 13 Sep 2019 08:04

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.4	24.6
203	17.3	14.0	21.0





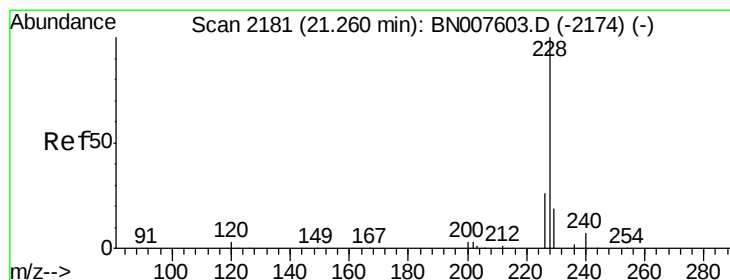
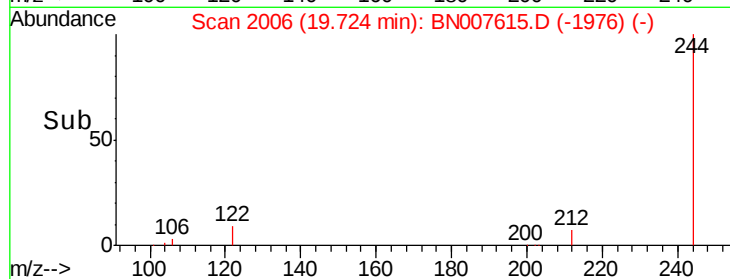
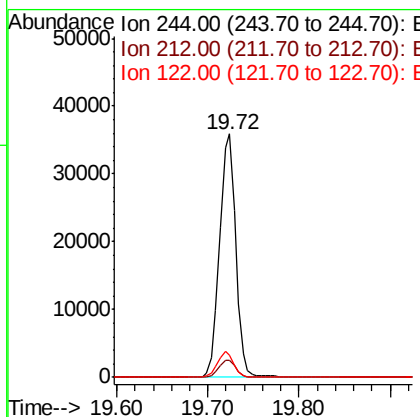
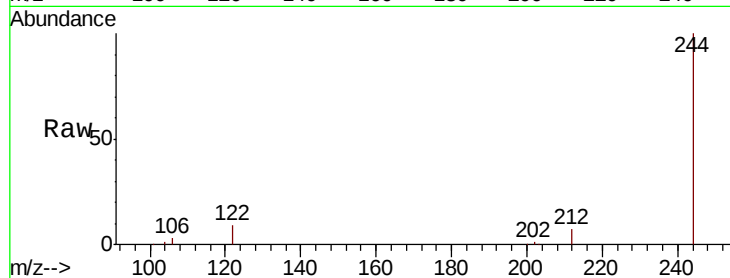
#29
 Terphenyl-d14
 Concen: 0.419 ng
 RT: 19.72 min Scan# 2006
 Delta R.T. -0.00 min
 Lab File: BN007615.D
 Acq: 13 Sep 2019 08:04

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.9	8.9
122	9.0	8.6	12.8

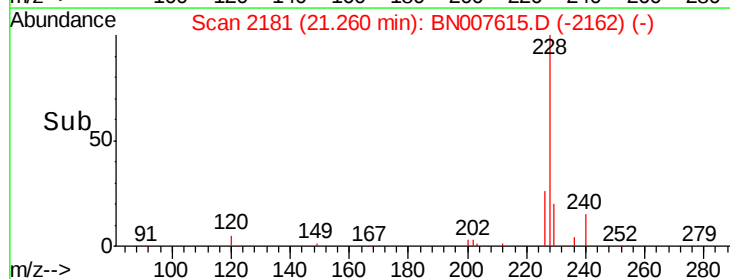
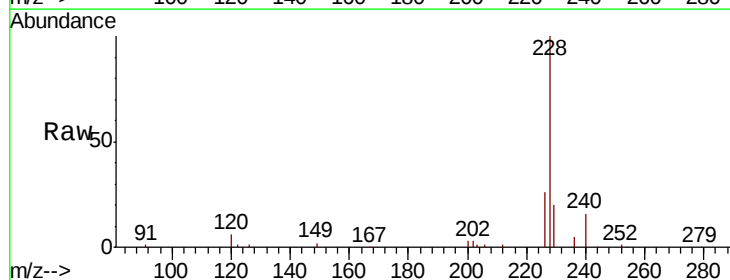
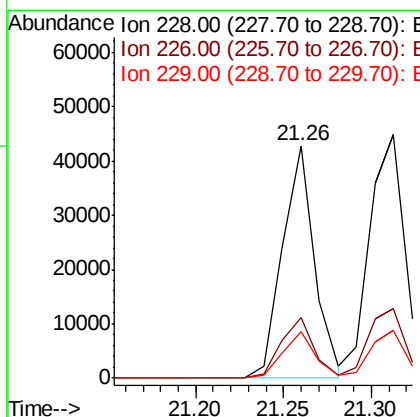
Manual Integrations
 APPROVED

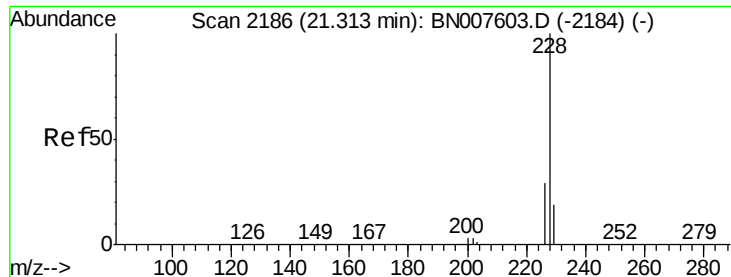
Jagrut
 9/17/2019 9:33:21 AM



#30
 Benzo(a)anthracene
 Concen: 0.386 ng
 RT: 21.26 min Scan# 2181
 Delta R.T. -0.00 min
 Lab File: BN007615.D
 Acq: 13 Sep 2019 08:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.0	21.2	31.8
229	19.9	15.5	23.3





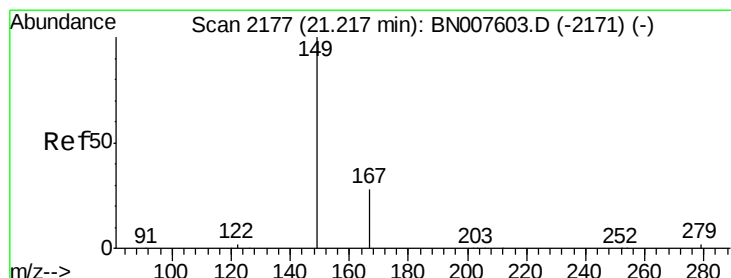
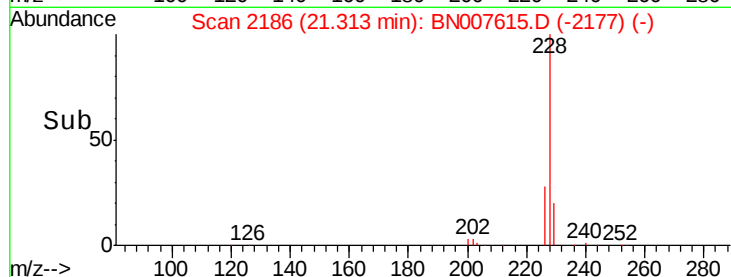
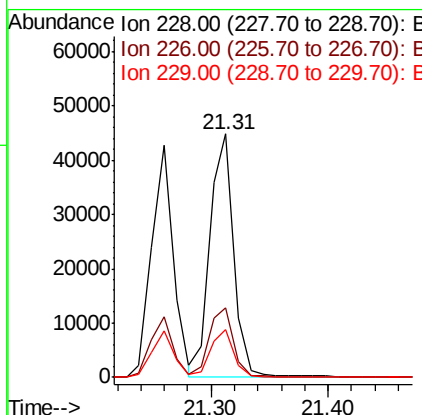
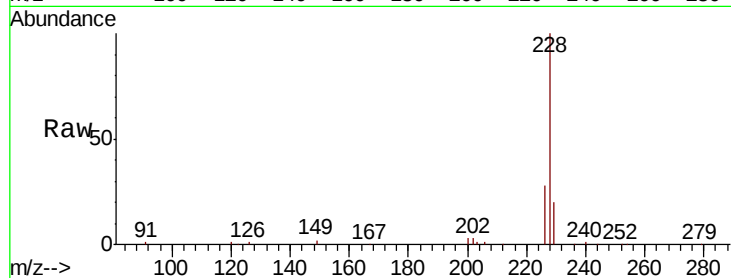
#31
Chrysene
Concen: 0.431 ng
RT: 21.31 min Scan# 2186
Delta R.T. -0.00 min
Lab File: BN007615.D
Acq: 13 Sep 2019 08:04

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.5	23.4	35.2
229	19.8	15.5	23.3

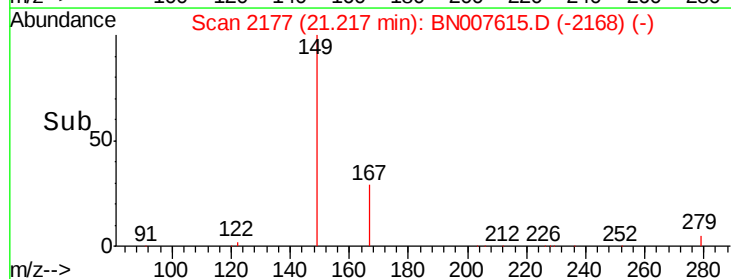
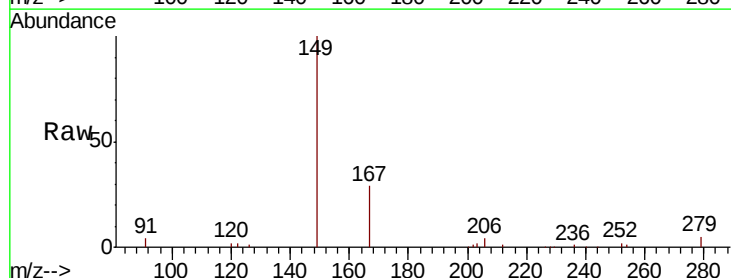
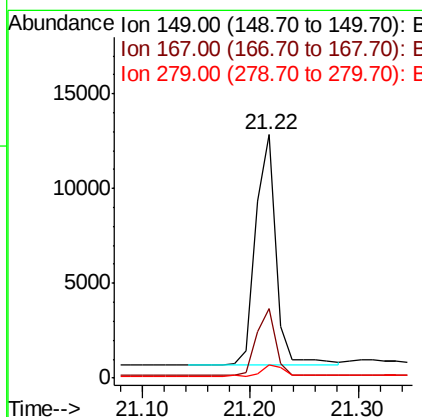
Manual Integrations
APPROVED

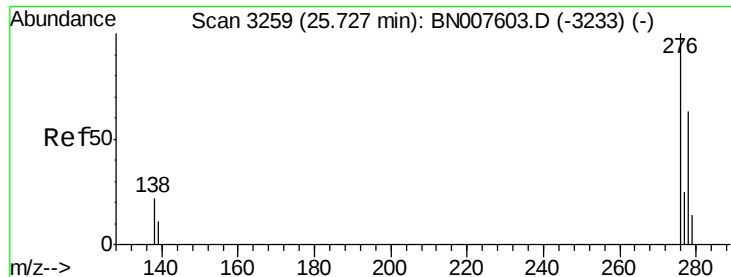
Jagrut
9/17/2019 9:33:21 AM



#32
Bis(2-ethylhexyl)phthalate
Concen: 0.330 ng
RT: 21.22 min Scan# 2177
Delta R.T. -0.00 min
Lab File: BN007615.D
Acq: 13 Sep 2019 08:04

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.3	22.6	34.0
279	5.3	3.8	5.6





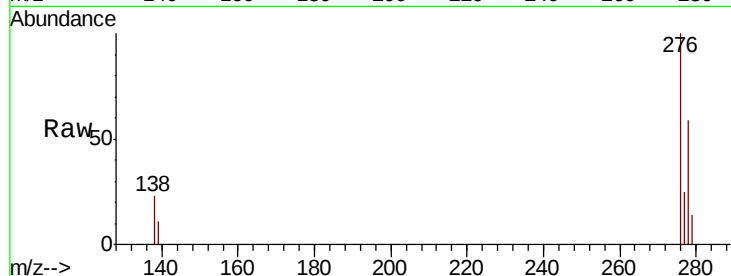
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.433 ng
RT: 25.72 min Scan# 3256
Delta R.T. -0.01 min
Lab File: BN007615.D
Acq: 13 Sep 2019 08:04

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.2	18.2	27.4
277	25.1	20.1	30.1

Manual Integrations
APPROVED

Jagrut
9/17/2019 9:33:21 AM

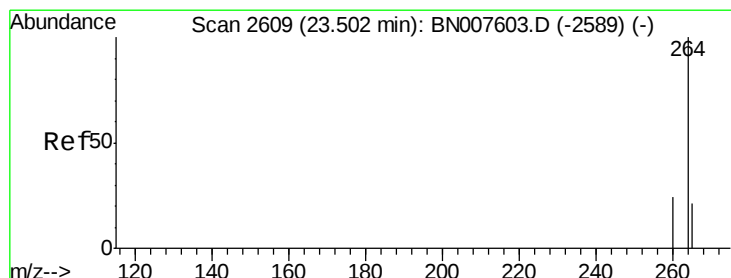
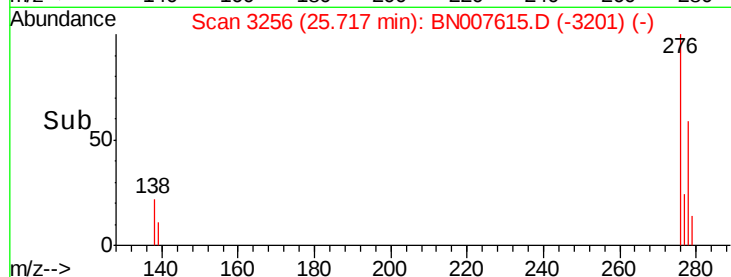
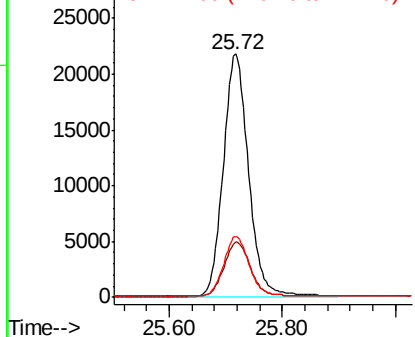


Abundance

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



#34
Perylene-d12
Concen: 0.400 ng
RT: 23.50 min Scan# 2607
Delta R.T. -0.01 min
Lab File: BN007615.D
Acq: 13 Sep 2019 08:04

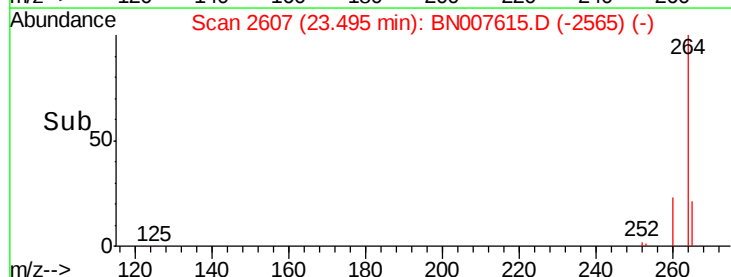
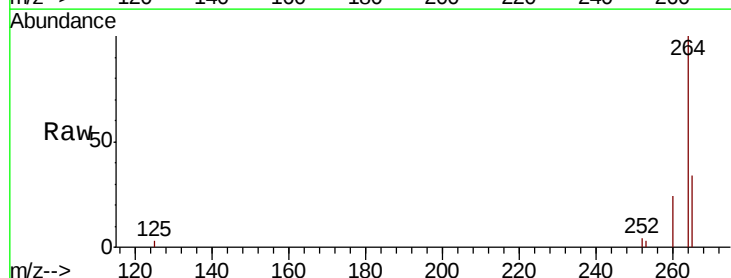
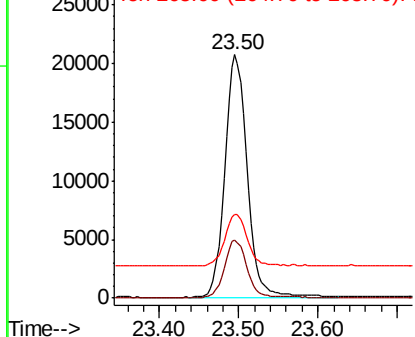
Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.1	28.7
265	34.3	24.6	37.0

Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





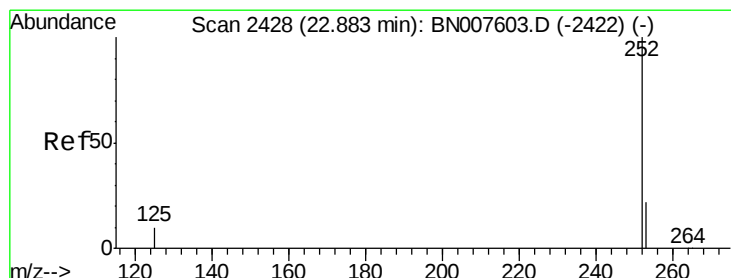
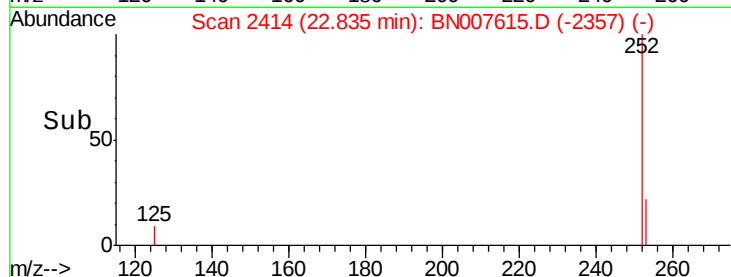
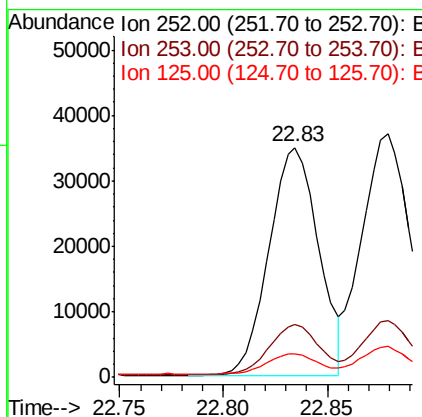
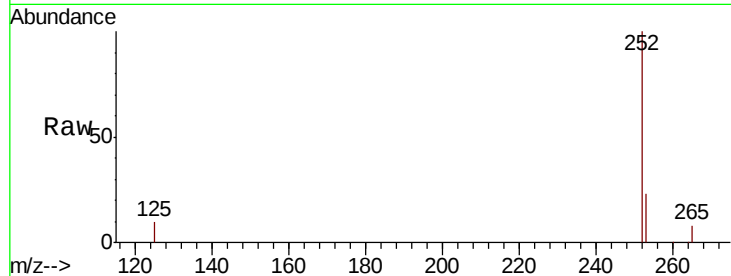
#35
Benzo(b)fluoranthene
Concen: 0.393 ng
RT: 22.83 min Scan# 2414
Delta R.T. -0.00 min
Lab File: BN007615.D
Acq: 13 Sep 2019 08:04

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.8
125	10.3	8.0	12.0

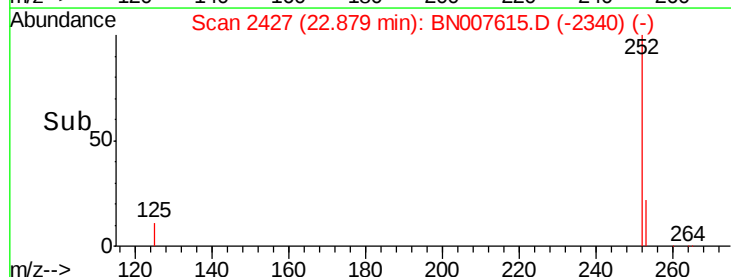
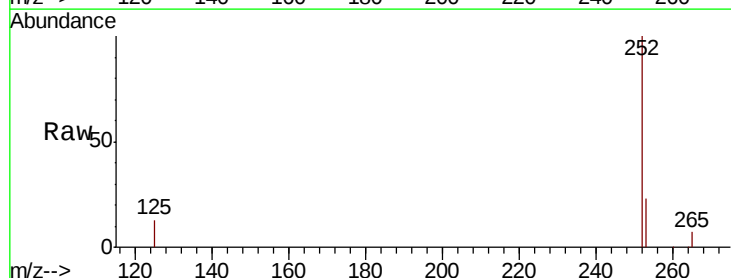
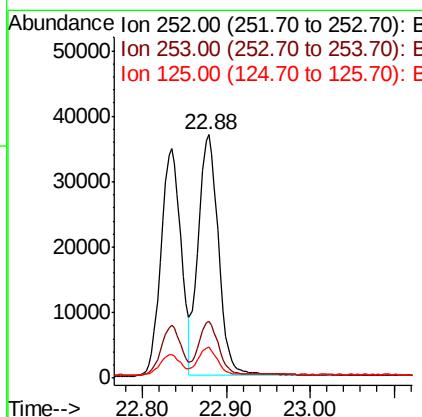
Manual Integrations
APPROVED

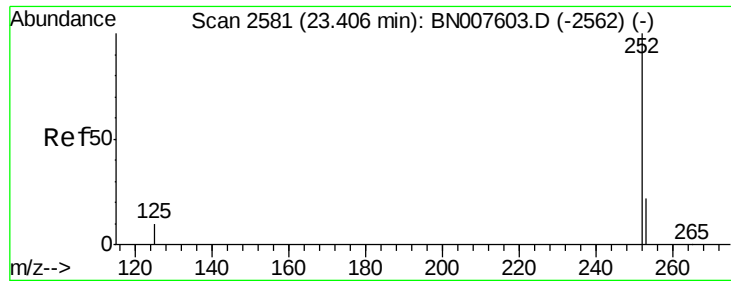
Jagrut
9/17/2019 9:33:21 AM



#36
Benzo(k)fluoranthene
Concen: 0.416 ng
RT: 22.88 min Scan# 2427
Delta R.T. -0.00 min
Lab File: BN007615.D
Acq: 13 Sep 2019 08:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.3	27.5
125	12.5	8.9	13.3





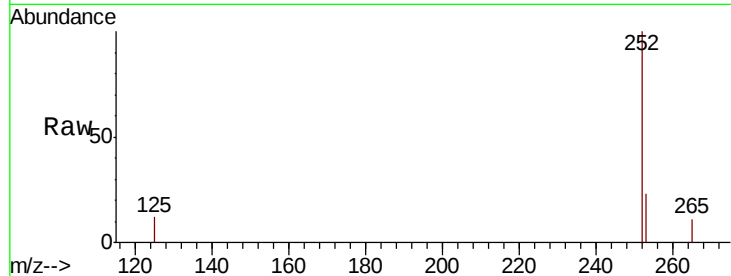
#37
Benzo(a)pyrene
Concen: 0.383 ng
RT: 23.40 min Scan# 2579
Delta R.T. -0.01 min
Lab File: BN007615.D
Acq: 13 Sep 2019 08:04

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.3	27.5
125	12.0	8.9	13.3

Manual Integrations
APPROVED

Jagrut
9/17/2019 9:33:21 AM

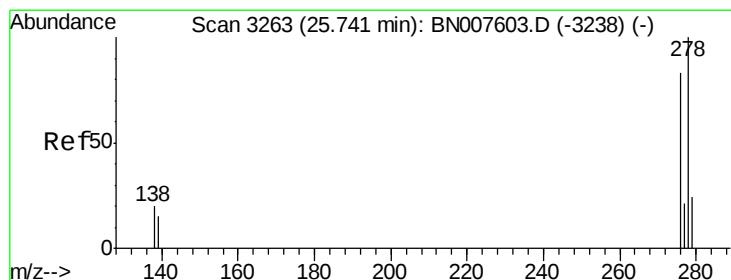
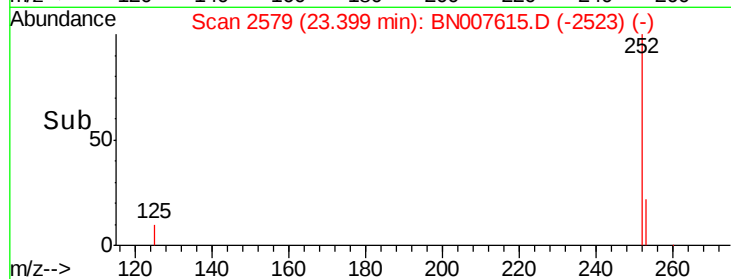
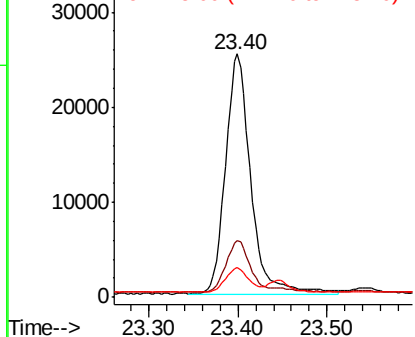


Abundance

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



#38
Dibenzo(a,h)anthracene
Concen: 0.409 ng
RT: 25.73 min Scan# 3261
Delta R.T. -0.01 min
Lab File: BN007615.D
Acq: 13 Sep 2019 08:04

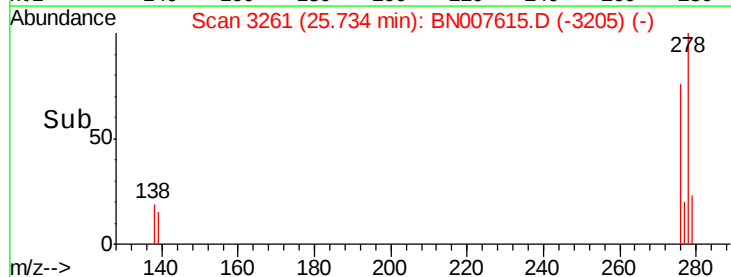
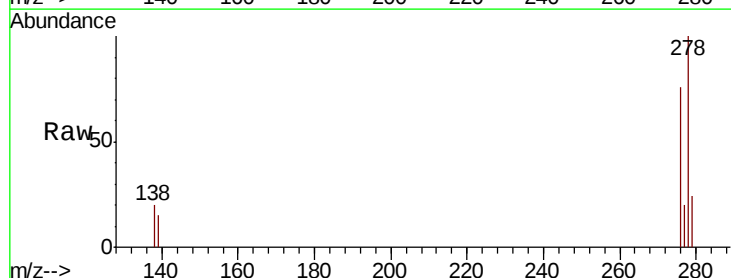
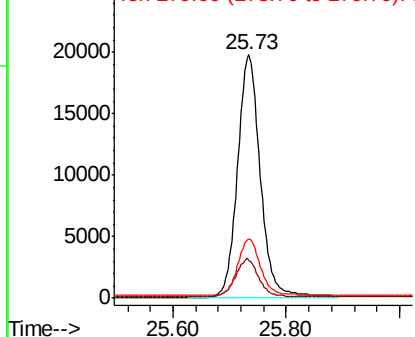
Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.4	12.6	18.8
279	24.2	19.6	29.4

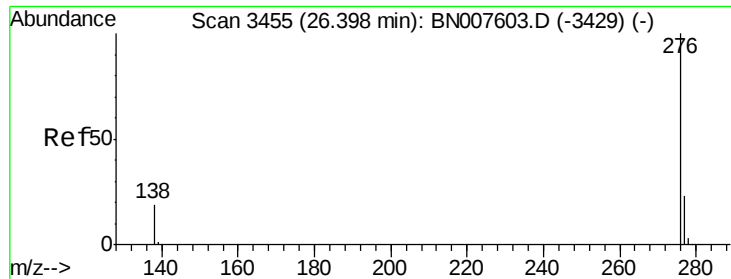
Abundance

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





#39

Benzo(a,h,i)perylene

Concen: 0.403 ng

RT: 26.39 min Scan# 3452

Delta R.T. -0.01 min

Lab File: BN007615.D

Acq: 13 Sep 2019 08:04

Instrument :

BNA_N

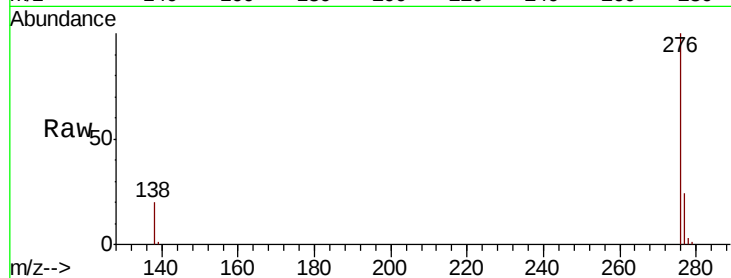
ClientSampleId :

SSTDCCC0.4

Tot Ion:	276	Resp:	54108
Ion Ratio	Lower	Upper	
276	100		
277	24.2	19.1	28.7
138	20.1	15.8	23.6

Manual Integrations
APPROVED

Jagrut
9/17/2019 9:33:21 AM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

