

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091319\
 Data File : BN007617.D
 Acq On : 13 Sep 2019 09:16
 Operator : HP/JU
 Sample : PB122692BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB122692BSD

Manual Integrations
 APPROVED

Jagrut
 9/17/2019 9:32:32 AM

Quant Time: Sep 14 02:11:40 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	8310	0.40	ng	0.00
7) Naphthalene-d8	10.49	136	32560	0.40	ng	0.00
13) Acenaphthene-d10	14.34	164	16881	0.40	ng	0.00
19) Phenanthrene-d10	17.08	188	38977	0.40	ng	0.00
27) Chrysene-d12	21.27	240	44197	0.40	ng	-0.01
34) Perylene-d12	23.50	264	40550	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.33	112	7964	0.30	ng	0.00
5) Phenol-d6	6.89	99	10247	0.32	ng	0.00
8) Nitrobenzene-d5	8.86	82	8781	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	12.08	152	18897	0.34	ng	0.00
14) 2,4,6-Tribromophenol	15.83	330	1861	0.29	ng	0.00
15) 2-Fluorobiphenyl	12.96	172	26947	0.37	ng	0.00
25) Fluoranthene-d10	19.11	212	41681	0.34	ng	0.00
29) Terphenyl-d14	19.72	244	34420	0.30	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.34	88	3187	0.320	ng	98
3) n-Nitrosodimethylamine	3.03	42	1609	0.356	ng	# 1
6) bis(2-Chloroethyl)ether	7.16	93	7666	0.314	ng	96
9) Naphthalene	10.53	128	32655	0.350	ng	99
10) Hexachlorobutadiene	10.84	225	6308	0.335	ng	# 99
12) 2-Methylnaphthalene	12.15	142	21675	0.346	ng	100
16) Acenaphthylene	14.06	152	29459	0.335	ng	100
17) Acenaphthene	14.40	154	19807	0.346	ng	99
18) Fluorene	15.38	166	25298	0.350	ng	100
20) 4-Bromophenyl-phenylether	16.28	248	7904	0.328	ng	91
21) Hexachlorobenzene	16.39	284	8478	0.329	ng	99
22) Pentachlorophenol	16.73	266	4190	0.626	ng	95
23) Phenanthrene	17.12	178	42158	0.343	ng	100
24) Anthracene	17.21	178	34995	0.321	ng	100
26) Fluoranthene	19.14	202	48350	0.337	ng	100
28) Pyrene	19.51	202	54383	0.339	ng	100
30) Benzo(a)anthracene	21.26	228	46605	0.297	ng	99
31) Chrysene	21.31	228	51502	0.316	ng	99
32) Bis(2-ethylhexyl)phthalate	21.22	149	14511	0.273	ng	# 98
33) Indeno(1,2,3-cd)pyrene	25.72	276	54586	0.313	ng	99
35) Benzo(b)fluoranthene	22.83	252	46743	0.317	ng	98
36) Benzo(k)fluoranthene	22.88	252	47281m	0.314	ng	
37) Benzo(a)pyrene	23.40	252	40500	0.310	ng	97
38) Dibenzo(a,h)anthracene	25.73	278	44904	0.328	ng	100
39) Benzo(g,h,i)perylene	26.39	276	44200	0.326	ng	99

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

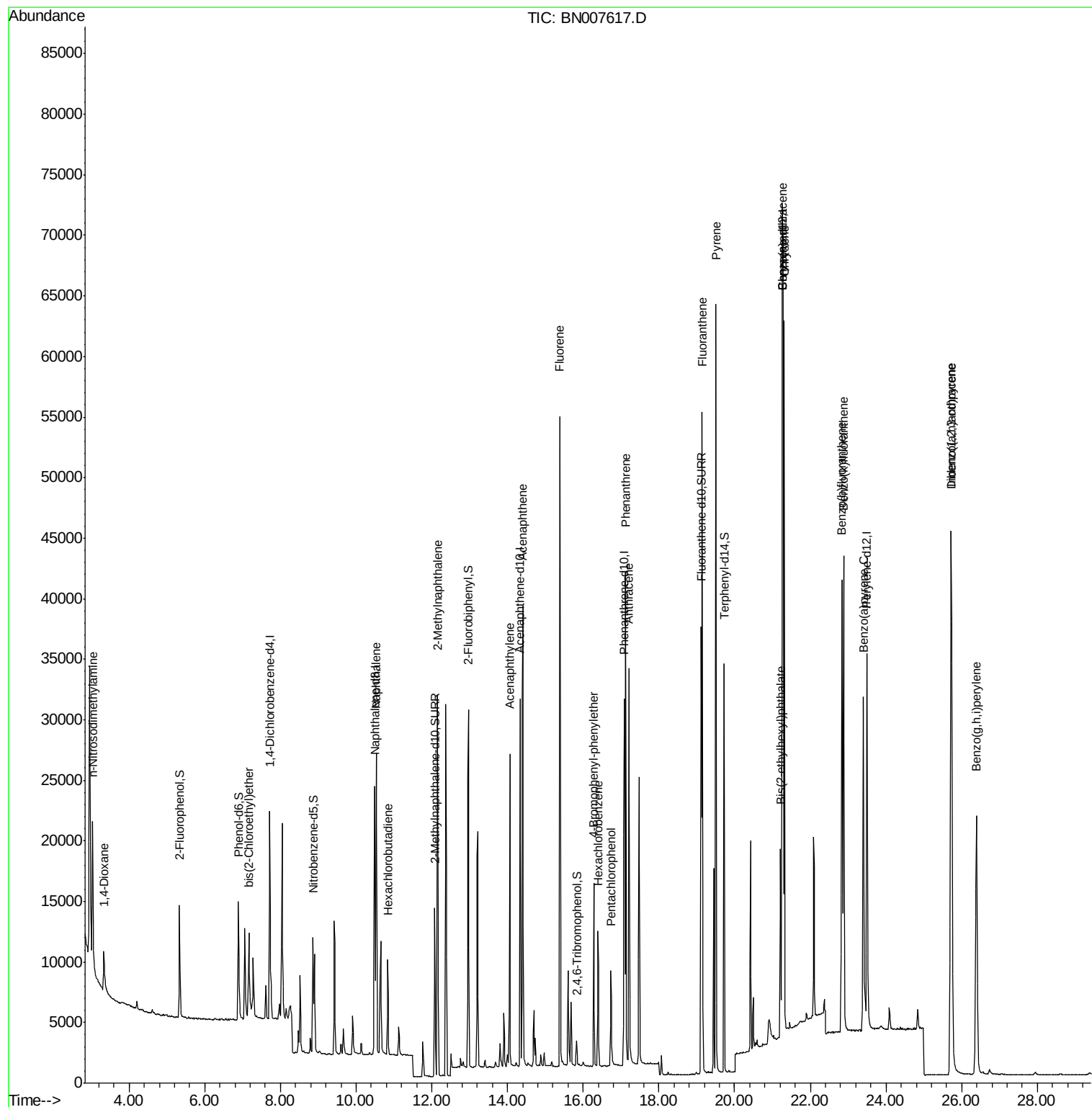
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091319\
Data File : BN007617.D
Acq On : 13 Sep 2019 09:16
Operator : HP/JU
Sample : PB122692BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

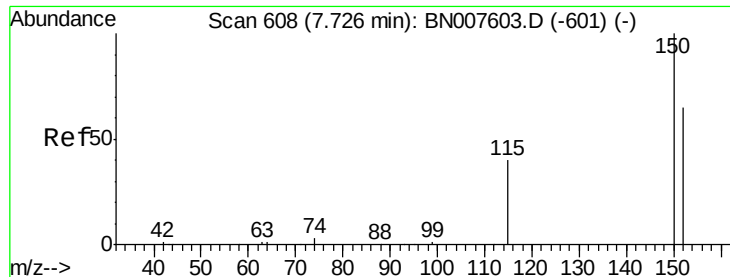
Instrument :
BNA_N
ClientSampleId :
PB122692BSD

Manual Integrations
APPROVED

Jagrut
9/17/2019 9:32:32 AM

Quant Time: Sep 14 02:11:40 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

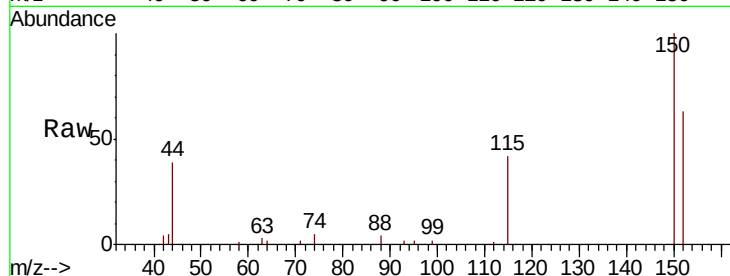
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 607
Delta R.T. -0.01 min
Lab File: BN007617.D
Acq: 13 Sep 2019 09:16

Instrument :
BNA_N
ClientSampleId :
PB122692BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.6	122.4	183.6
115	66.8	50.4	75.6

Manual Integrations
APPROVED

Jagrut
9/17/2019 9:32:32 AM

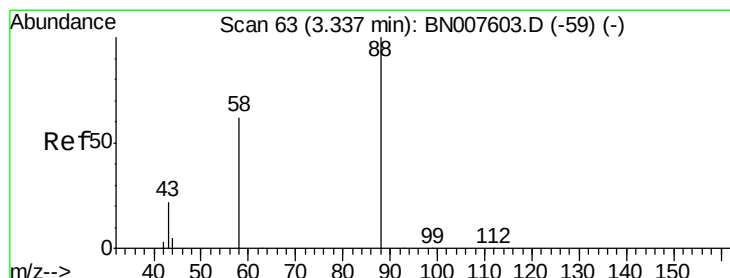
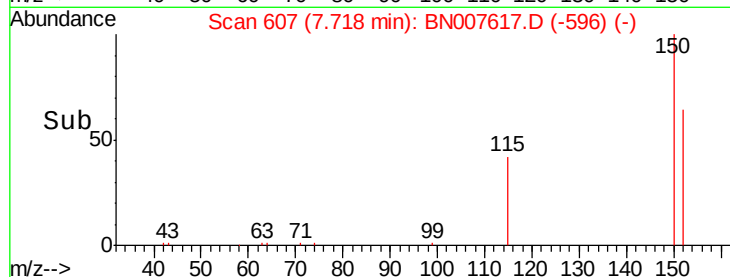
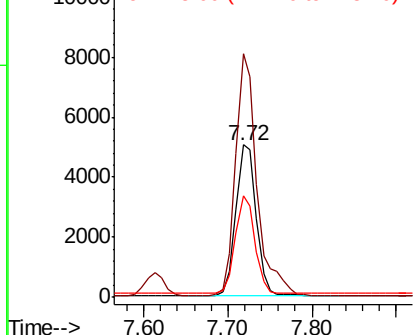


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

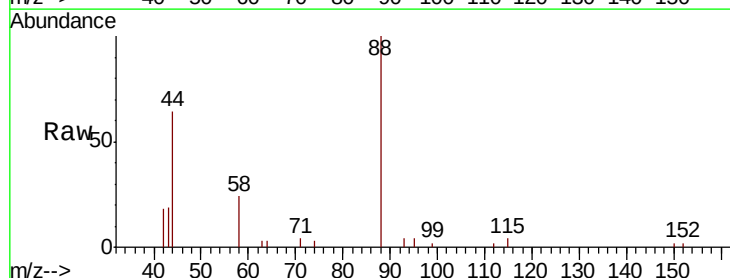
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 0.320 ng
RT: 3.34 min Scan# 63
Delta R.T. -0.00 min
Lab File: BN007617.D
Acq: 13 Sep 2019 09:16

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.8	57.0	85.4
43	22.6	20.0	30.0

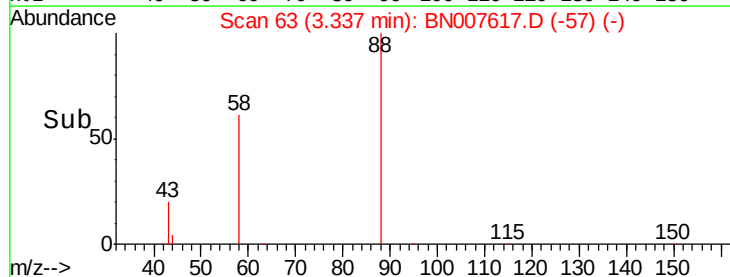
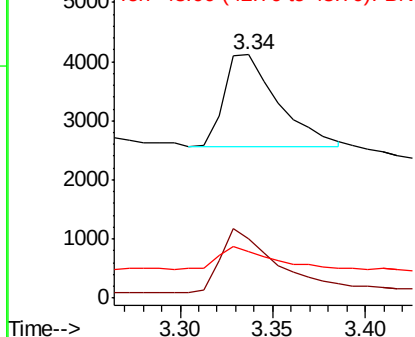


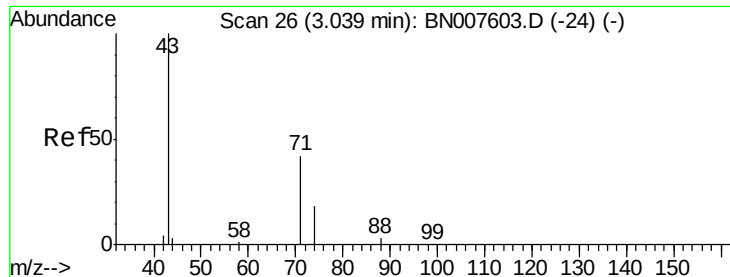
Abundance

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

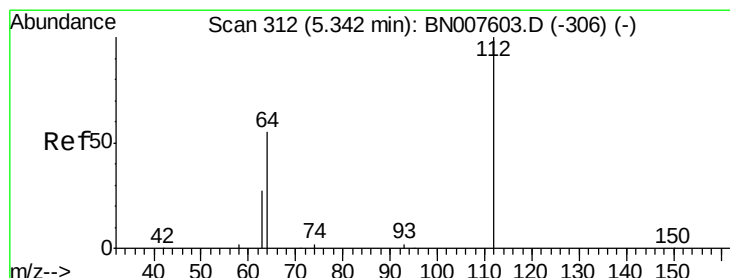
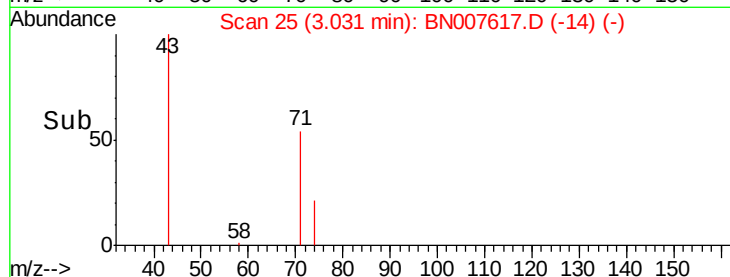
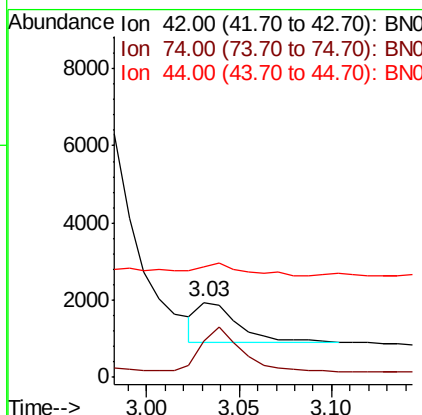
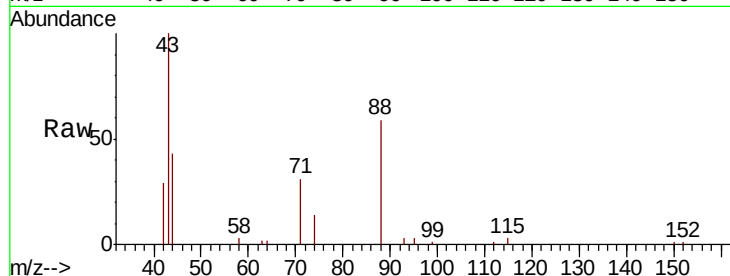
n-Nitrosodimethylamine
 Concen: 0.356 ng
 RT: 3.03 min Scan# 25
 Delta R.T. -0.01 min
 Lab File: BN007617.D
 Acq: 13 Sep 2019 09:16

Instrument :
 BNA_N
 ClientSampleId :
 PB122692BSD

Tot Ion	Ratio	Lower	Upper
42	100		
74	108.8	9.8	14.8#
44	37.6	0.0	0.0#

Manual Integrations
 APPROVED

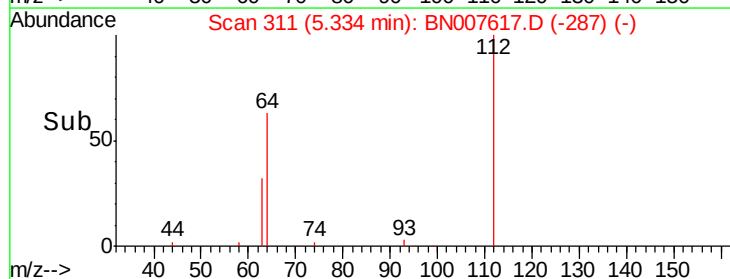
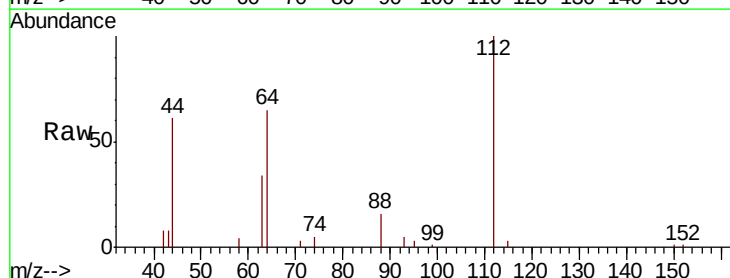
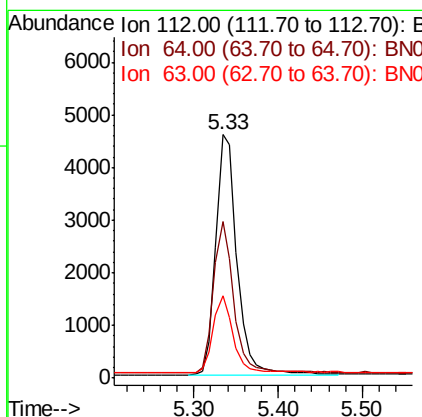
Jagrut
 9/17/2019 9:32:32 AM

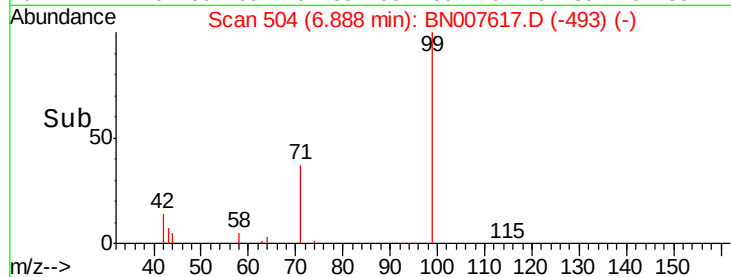
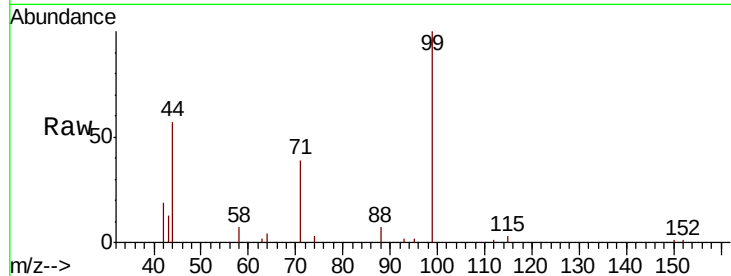
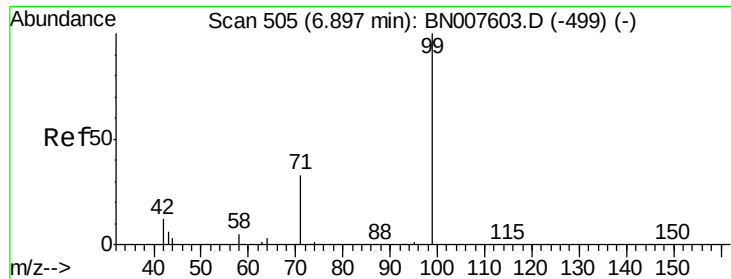


#4

2-Fluorophenol
 Concen: 0.299 ng
 RT: 5.33 min Scan# 311
 Delta R.T. -0.01 min
 Lab File: BN007617.D
 Acq: 13 Sep 2019 09:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.2	48.5	72.7
63	29.9	24.4	36.6





#5

Phenol-d6

Concen: 0.317 ng

RT: 6.89 min Scan# 504

Delta R.T. -0.01 min

Lab File: BN007617.D

Acq: 13 Sep 2019 09:16

Tot Ion:	99	Resp:	10247
Ion	Ratio	Lower	Upper
99	100		
42	15.1	11.8	17.6
71	35.3	28.0	42.0

Instrument :

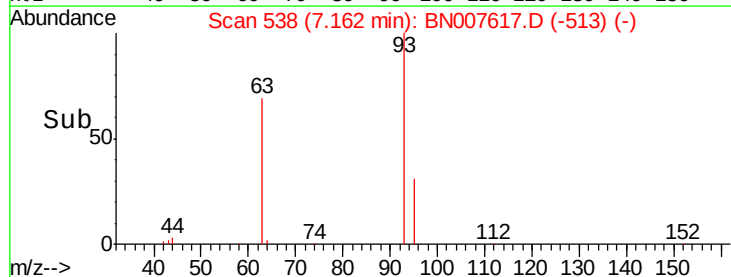
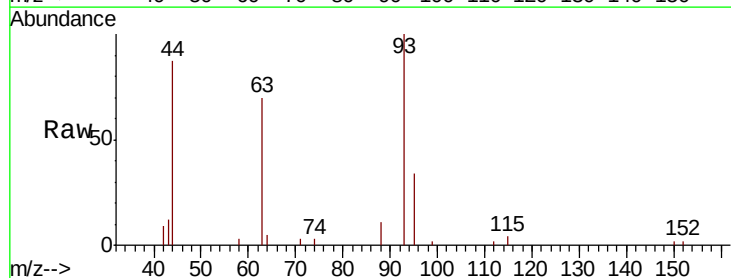
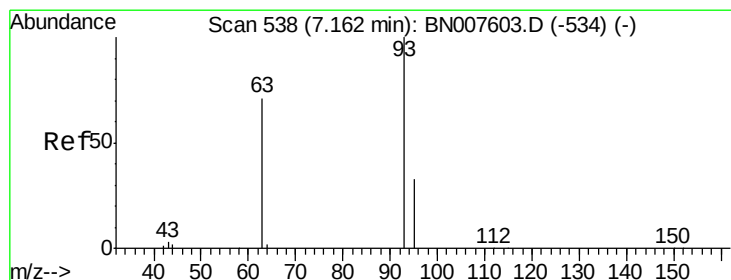
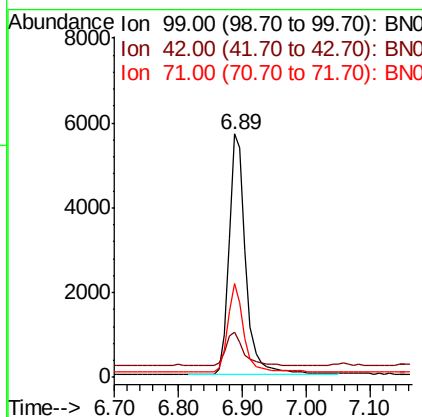
BNA_N

ClientSampleId :

PB122692BSD

Manual Integrations
APPROVED

Jagrut
9/17/2019 9:32:32 AM



#6

bis(2-Chloroethyl)ether

Concen: 0.314 ng

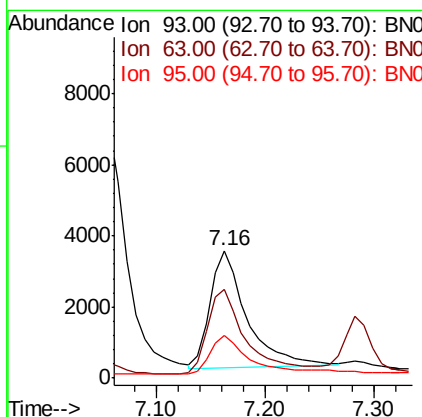
RT: 7.16 min Scan# 538

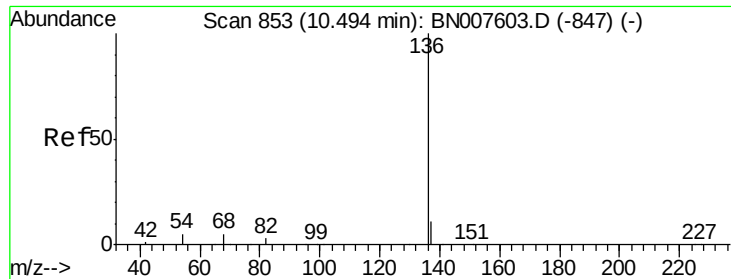
Delta R.T. -0.00 min

Lab File: BN007617.D

Acq: 13 Sep 2019 09:16

Tgt Ion:	93	Resp:	7666
Ion	Ratio	Lower	Upper
93	100		
63	78.4	61.2	91.8
95	38.7	27.2	40.8





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.49 min Scan# 853

Delta R.T. -0.00 min

Lab File: BN007617.D

Acq: 13 Sep 2019 09:16

Instrument :

BNA_N

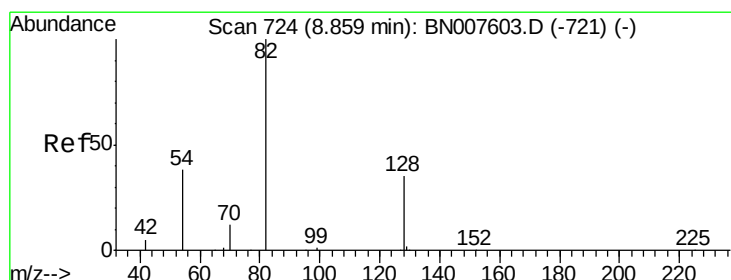
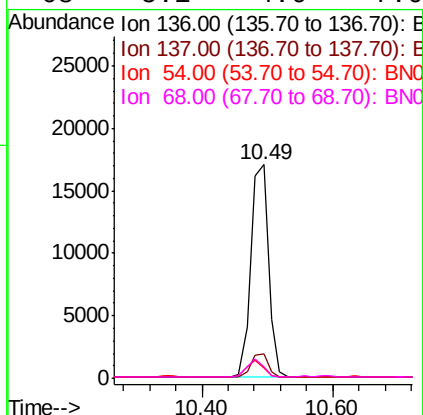
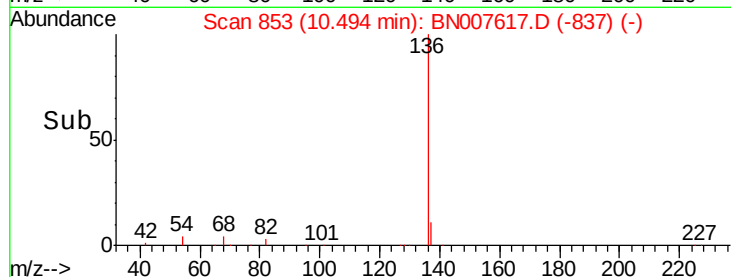
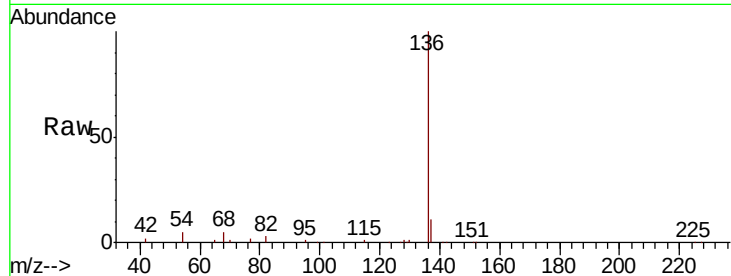
ClientSampleId :

PB122692BSD

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	4.5	4.2	6.4
68	5.1	4.6	7.0

Manual Integrations
APPROVED

Jagrut
9/17/2019 9:32:32 AM



#8

Nitrobenzene-d5

Concen: 0.338 ng

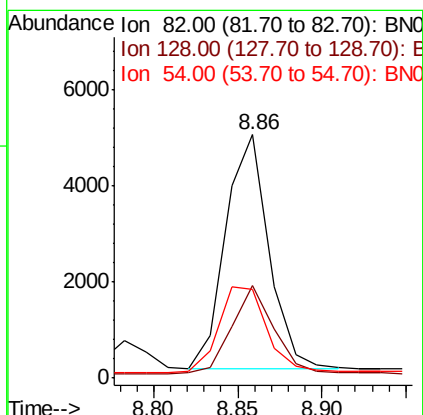
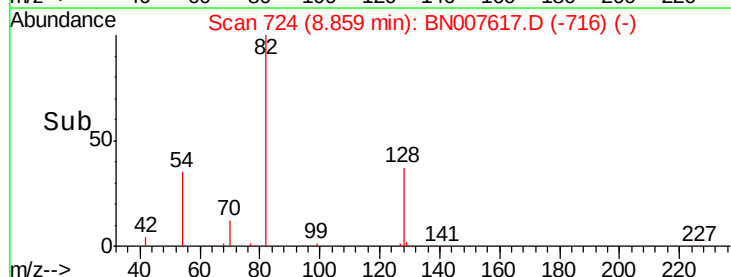
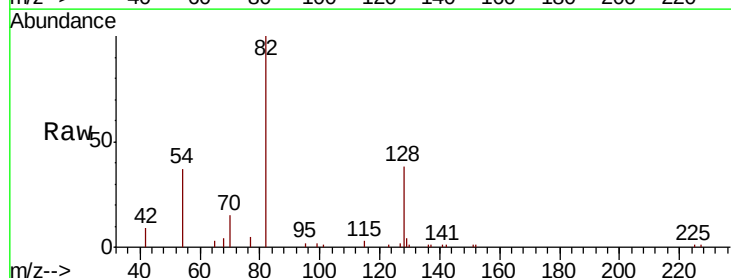
RT: 8.86 min Scan# 724

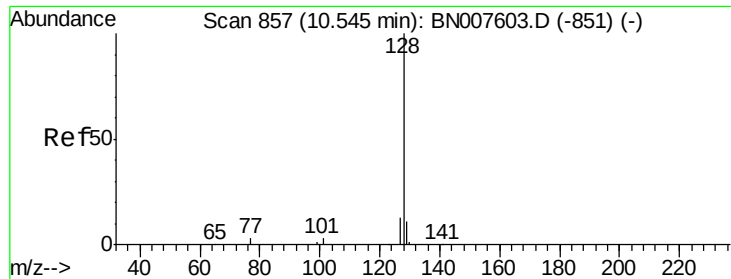
Delta R.T. -0.00 min

Lab File: BN007617.D

Acq: 13 Sep 2019 09:16

Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.0	27.9	41.9
54	36.6	30.9	46.3





#9

Naphthalene

Concen: 0.350 ng

RT: 10.53 min Scan# 856

Delta R.T. -0.01 min

Lab File: BN007617.D

Acq: 13 Sep 2019 09:16

Instrument :

BNA_N

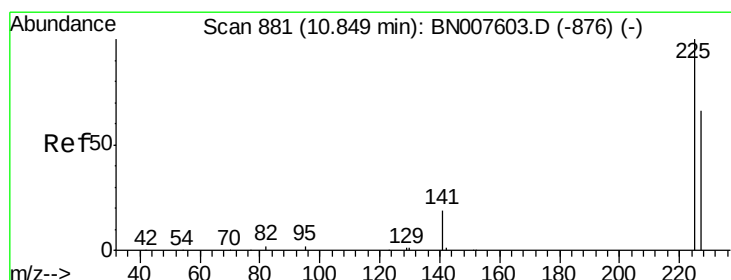
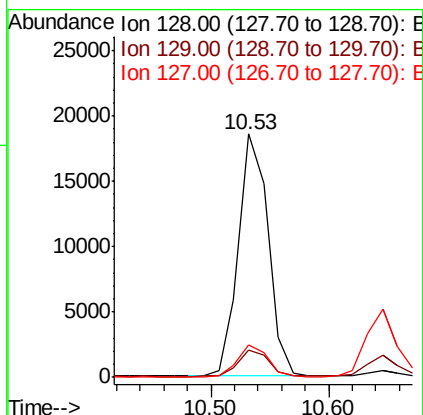
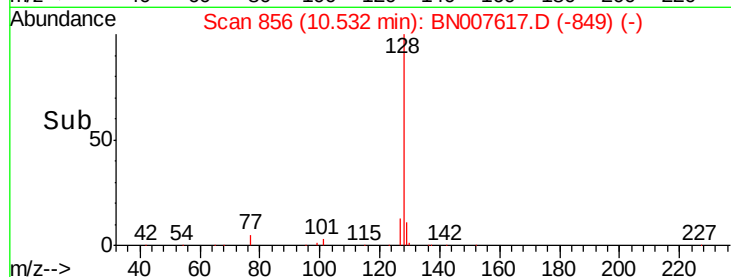
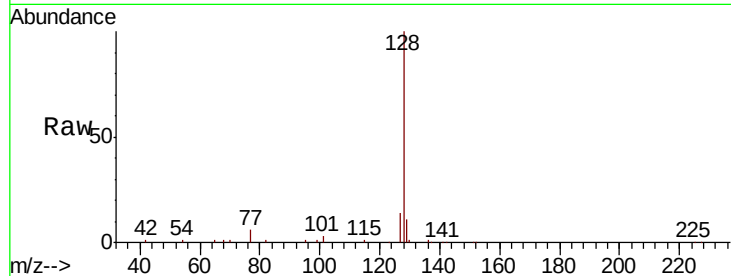
ClientSampleId :

PB122692BSD

Tot Ion:	128	Resp:	32655
Ion Ratio	Lower	Upper	
128	100		
129	11.3	9.0	13.4
127	13.6	10.4	15.6

Manual Integrations
APPROVED

Jagrut
9/17/2019 9:32:32 AM



#10

Hexachlorobutadiene

Concen: 0.335 ng

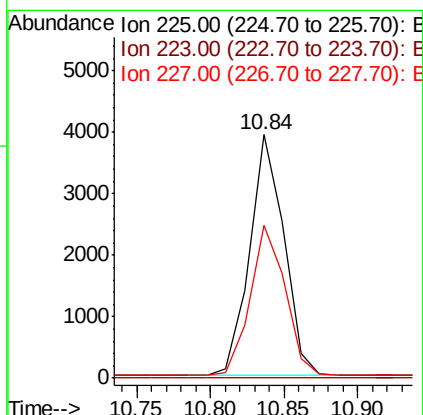
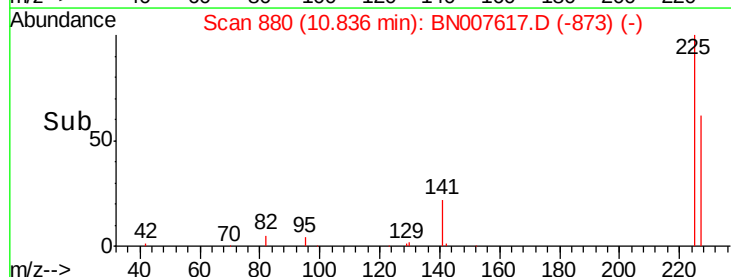
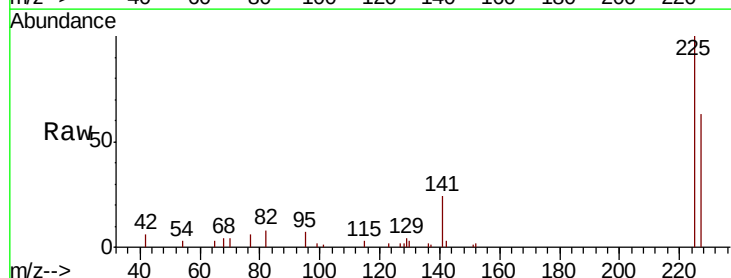
RT: 10.84 min Scan# 880

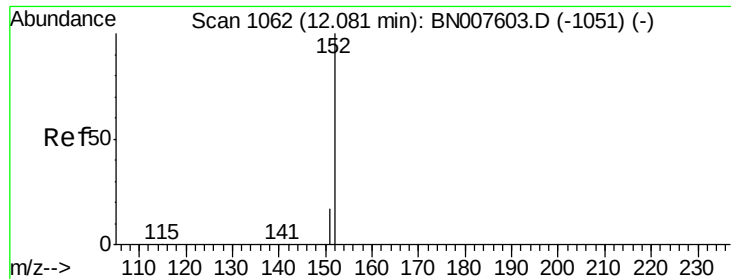
Delta R.T. -0.01 min

Lab File: BN007617.D

Acq: 13 Sep 2019 09:16

Tgt Ion:	225	Resp:	6308
Ion Ratio	Lower	Upper	
225	100		
223	0.0	0.0	0.0
227	63.5	51.3	76.9





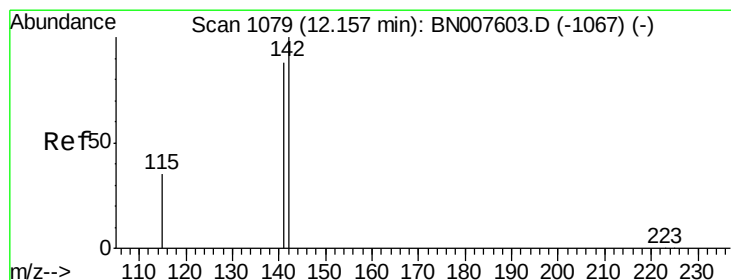
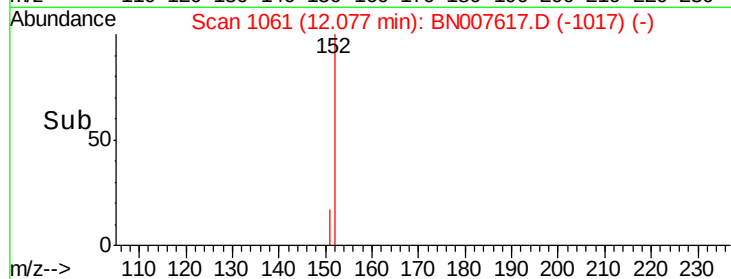
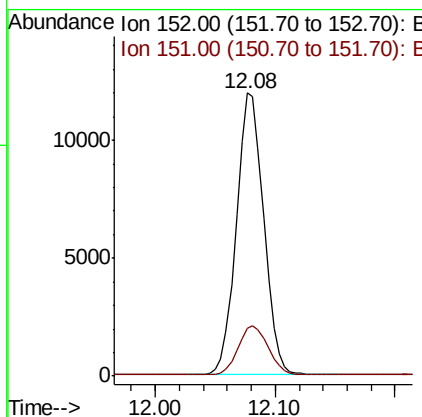
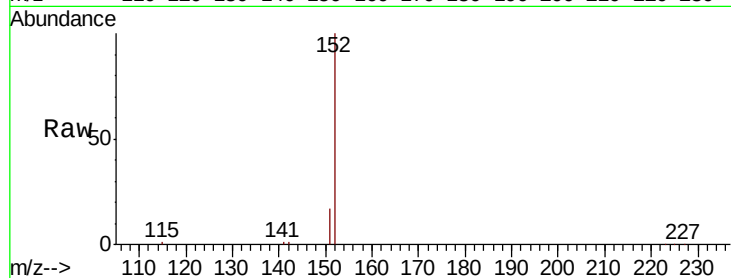
#11
2-Methylnaphthalene-d10
Concen: 0.343 ng
RT: 12.08 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BN007617.D
Acq: 13 Sep 2019 09:16

Instrument :
BNA_N
ClientSampled :
PB122692BSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.3	22.9

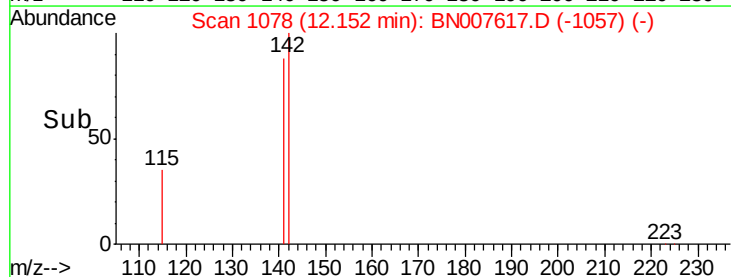
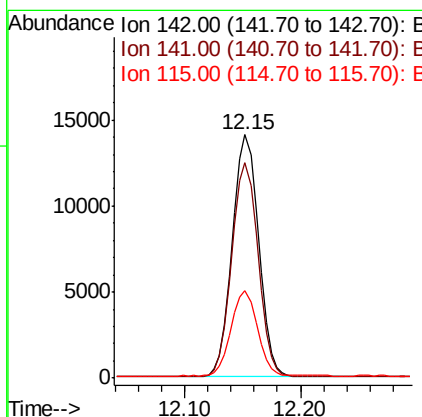
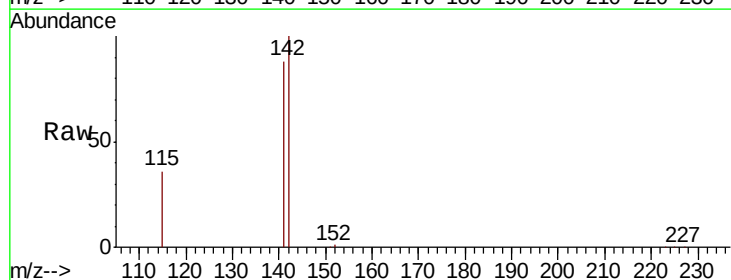
Manual Integrations
APPROVED

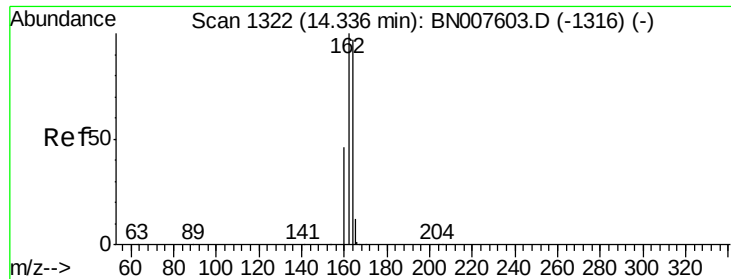
Jagrut
9/17/2019 9:32:32 AM



#12
2-Methylnaphthalene
Concen: 0.346 ng
RT: 12.15 min Scan# 1078
Delta R.T. -0.00 min
Lab File: BN007617.D
Acq: 13 Sep 2019 09:16

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.5	105.7
115	35.9	28.4	42.6





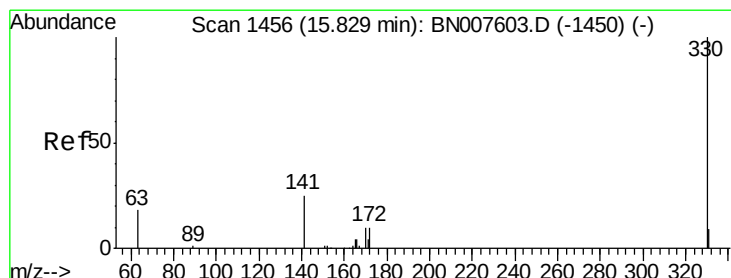
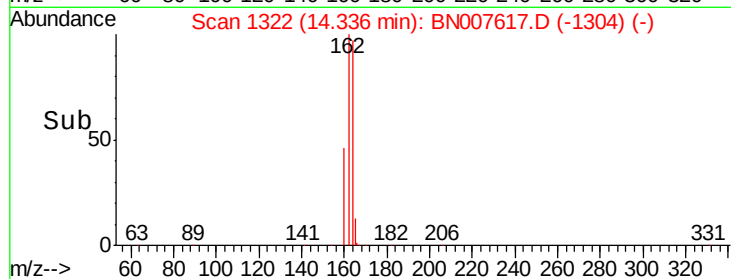
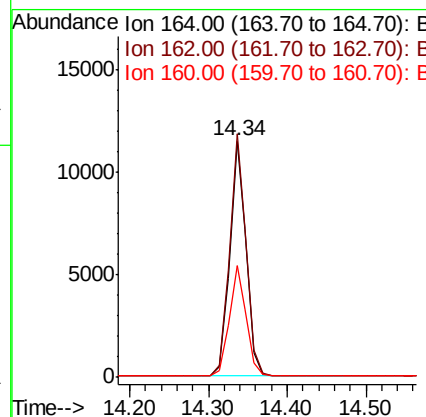
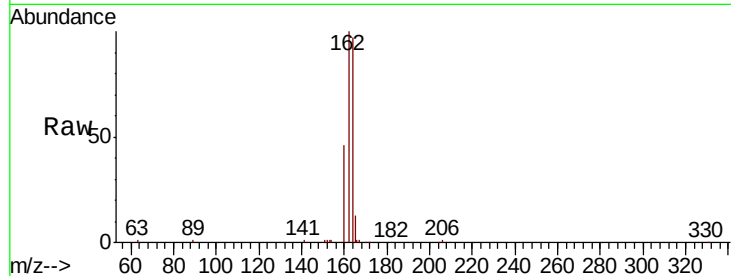
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.34 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BN007617.D
Acq: 13 Sep 2019 09:16

Instrument :
BNA_N
ClientSampleId :
PB122692BSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.2	82.8	124.2
160	47.6	38.0	57.0

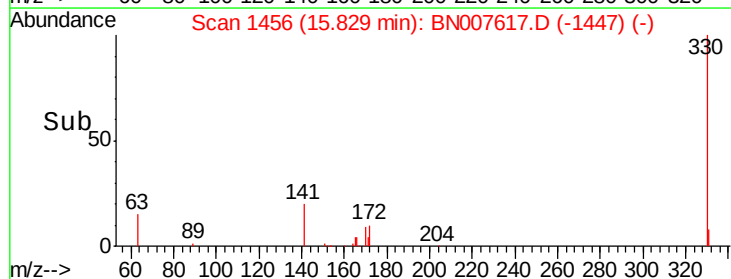
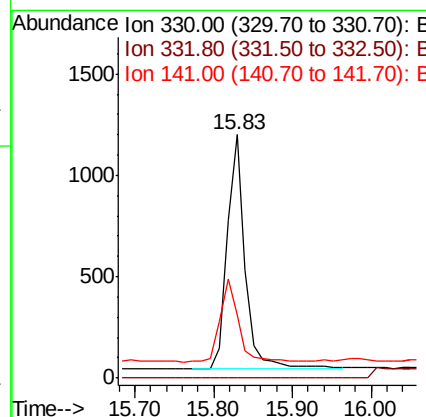
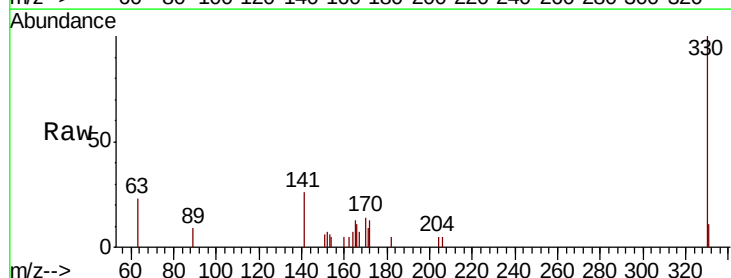
Manual Integrations
APPROVED

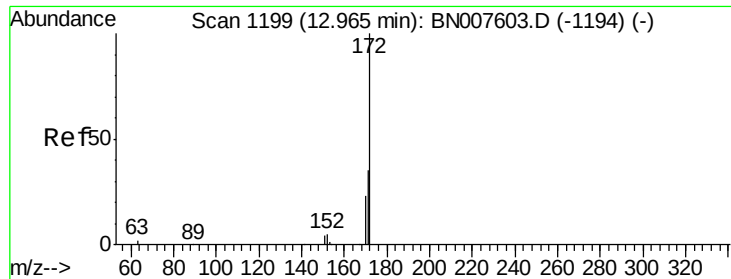
Jagrut
9/17/2019 9:32:32 AM



#14
2,4,6-Tribromophenol
Concen: 0.292 ng
RT: 15.83 min Scan# 1456
Delta R.T. -0.00 min
Lab File: BN007617.D
Acq: 13 Sep 2019 09:16

Tgt Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	36.7	30.1	45.1





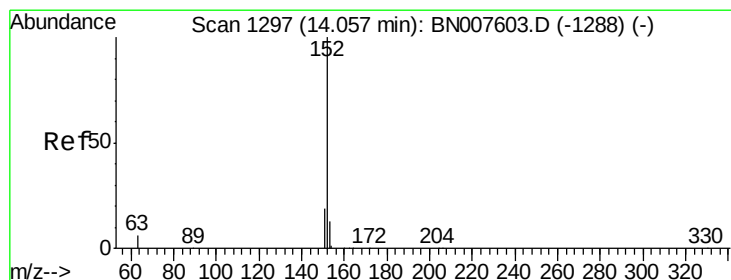
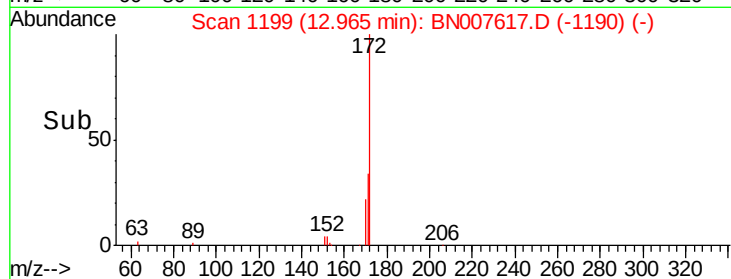
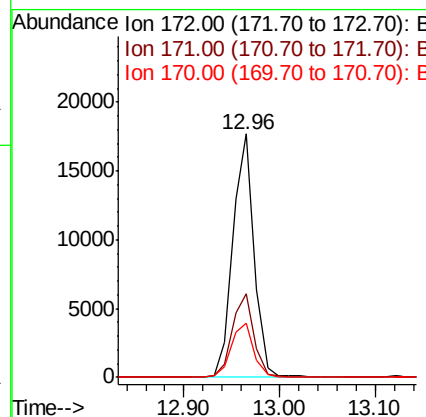
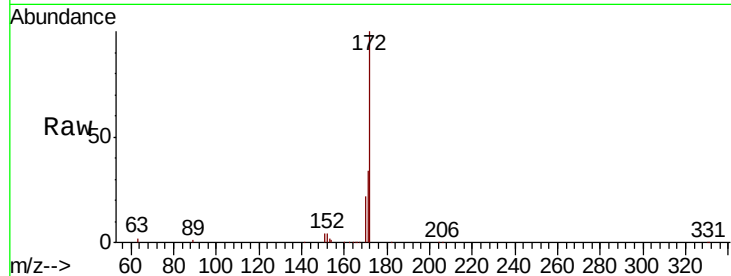
#15
2-Fluorobiphenyl
Concen: 0.366 ng
RT: 12.96 min Scan# 1199
Delta R.T. -0.00 min
Lab File: BN007617.D
Acq: 13 Sep 2019 09:16

Instrument :
BNA_N
ClientSampleId :
PB122692BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.2	27.9	41.9
170	22.3	18.5	27.7

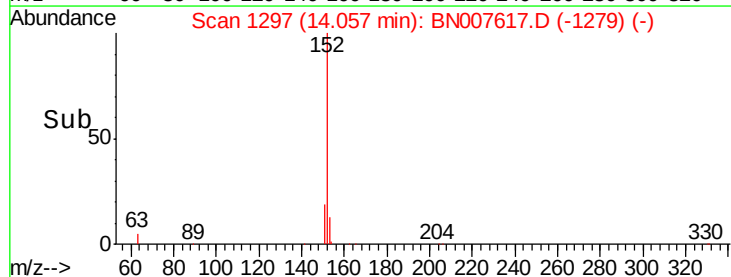
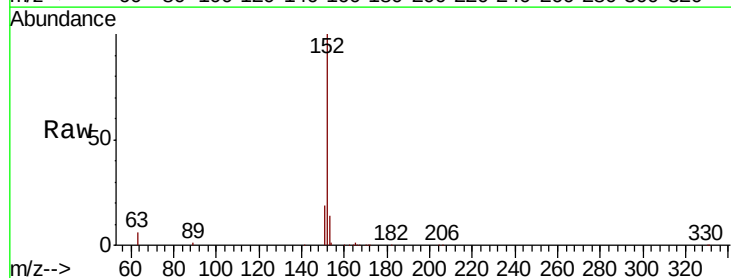
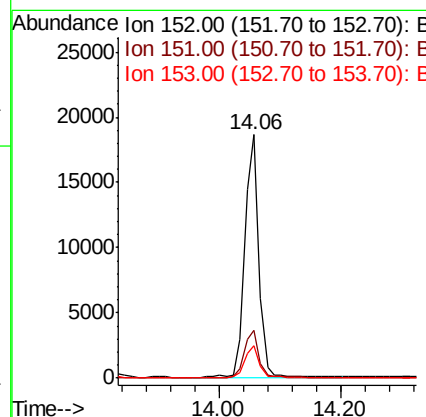
Manual Integrations
APPROVED

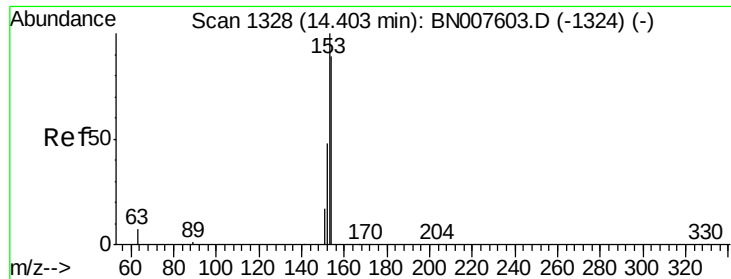
Jagrut
9/17/2019 9:32:32 AM



#16
Acenaphthylene
Concen: 0.335 ng
RT: 14.06 min Scan# 1297
Delta R.T. -0.00 min
Lab File: BN007617.D
Acq: 13 Sep 2019 09:16

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.7	23.5
153	13.1	10.4	15.6





#17

Acenaphthene

Concen: 0.346 ng

RT: 14.40 min Scan# 1328

Delta R.T. -0.00 min

Lab File: BN007617.D

Acq: 13 Sep 2019 09:16

Instrument :

BNA_N

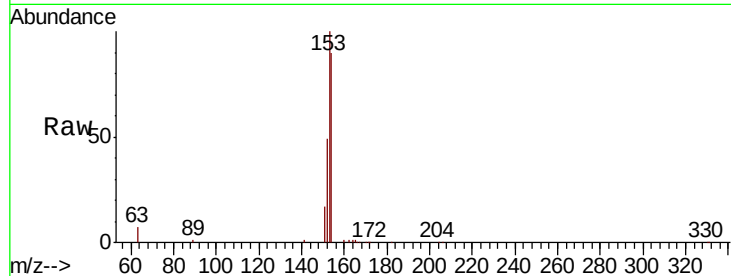
ClientSampleId :

PB122692BSD

Tot Ion:	154	Resp:	19807
Ion	Ratio	Lower	Upper
154	100		
153	111.9	89.8	134.8
152	55.4	43.8	65.8

Manual Integrations
APPROVED

Jagrut
9/17/2019 9:32:32 AM

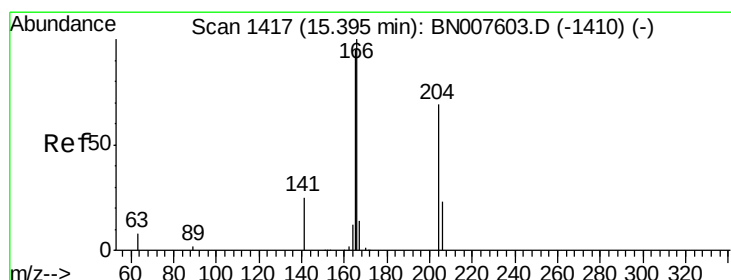
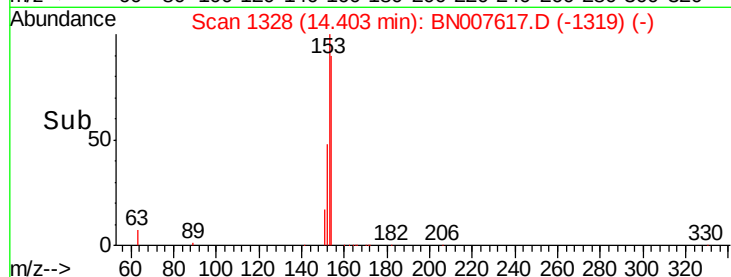
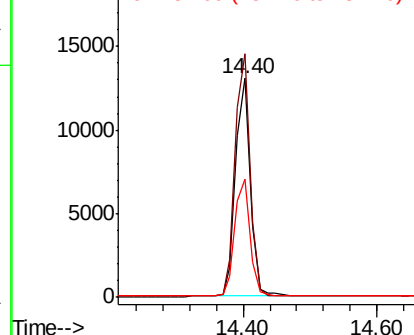


Abundance

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: 0.350 ng

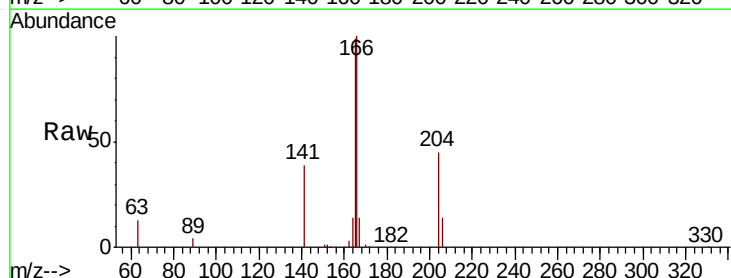
RT: 15.38 min Scan# 1416

Delta R.T. -0.01 min

Lab File: BN007617.D

Acq: 13 Sep 2019 09:16

Tgt Ion:	166	Resp:	25298
Ion	Ratio	Lower	Upper
166	100		
165	97.2	77.8	116.6
167	13.5	10.8	16.2

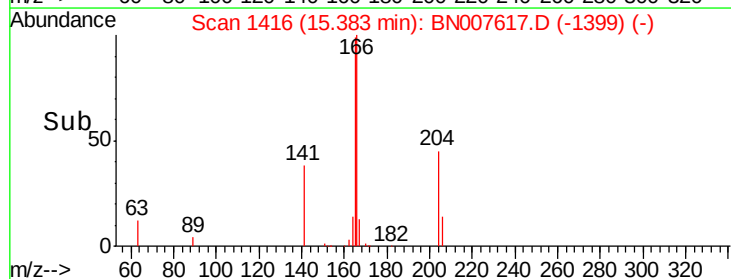
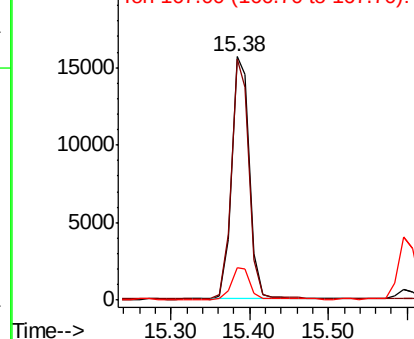


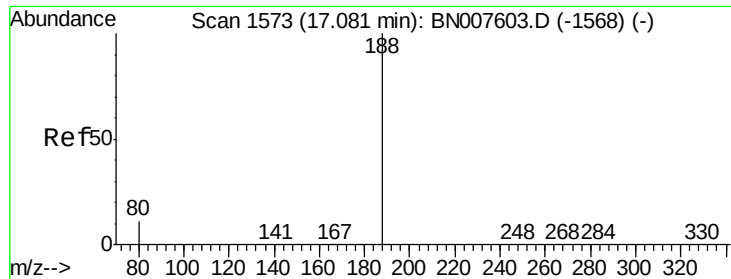
Abundance

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: BN007617.D

Acq: 13 Sep 2019 09:16

Instrument :

BNA_N

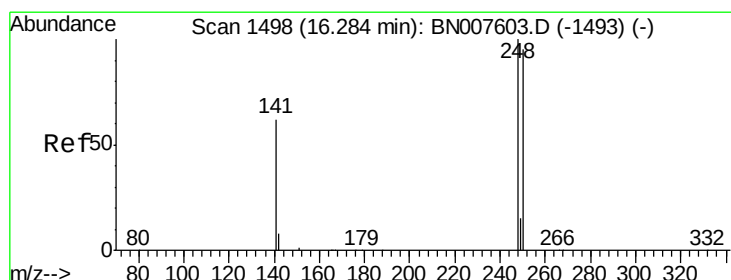
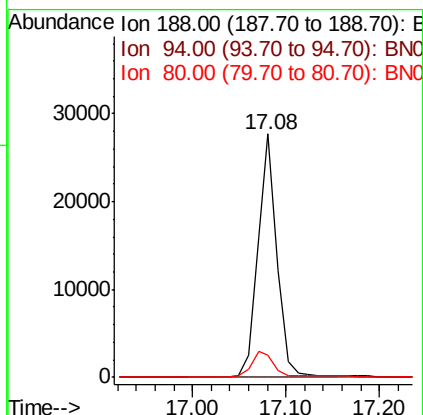
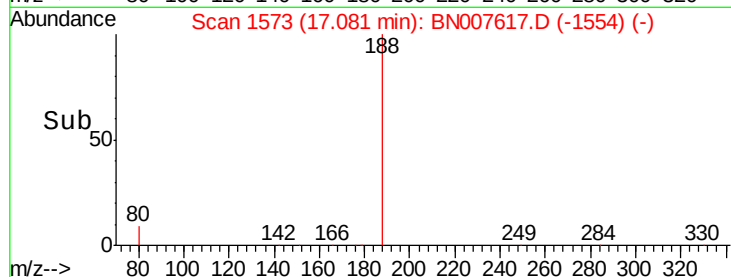
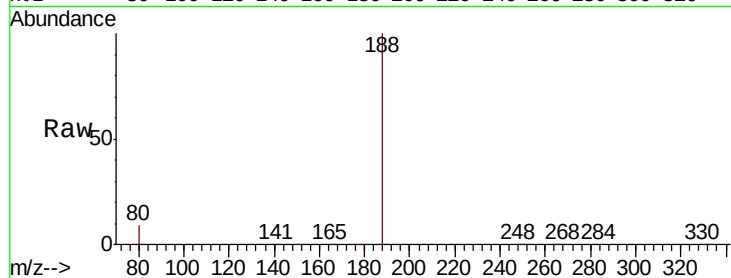
ClientSampleId :

PB122692BSD

Tot Ion:	188	Resp:	38977
Ion Ratio	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 9:32:32 AM



#20

4-Bromophenyl-phenylether

Concen: 0.328 ng

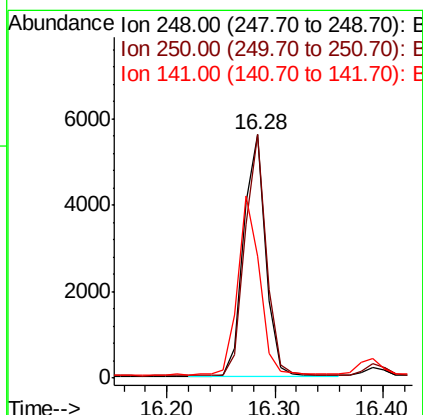
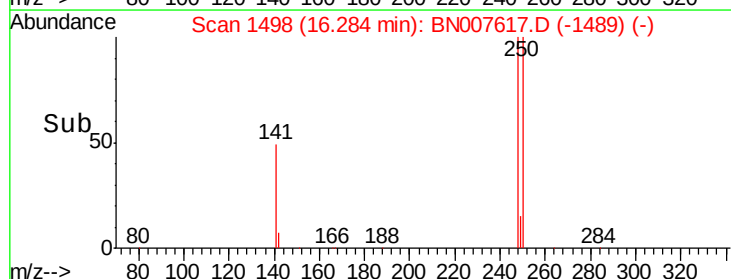
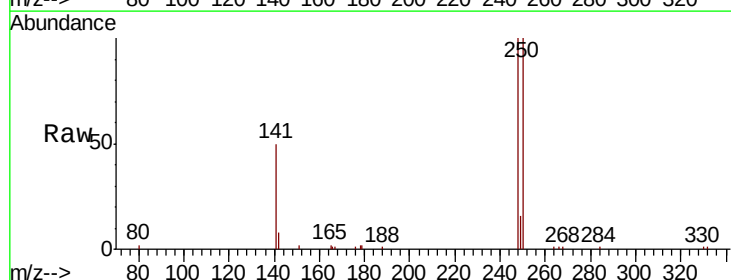
RT: 16.28 min Scan# 1498

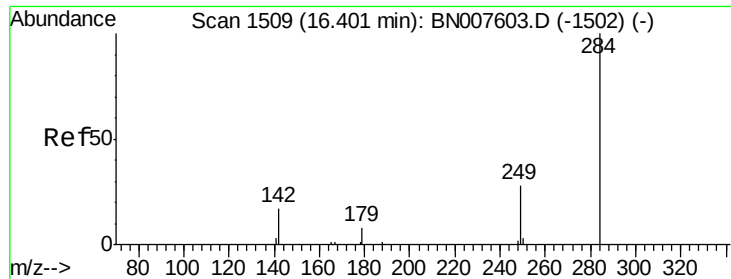
Delta R.T. -0.00 min

Lab File: BN007617.D

Acq: 13 Sep 2019 09:16

Tgt Ion:	248	Resp:	7904
Ion Ratio	Lower	Upper	
248	100		
250	100.2	76.3	114.5
141	50.3	49.7	74.5





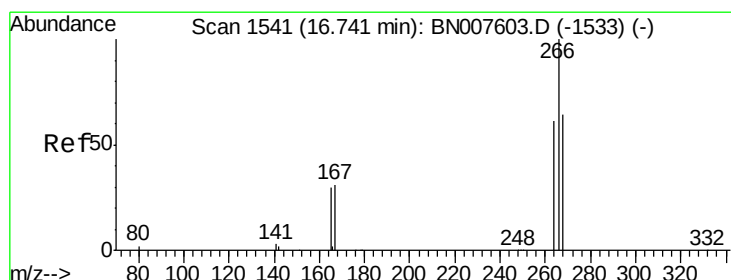
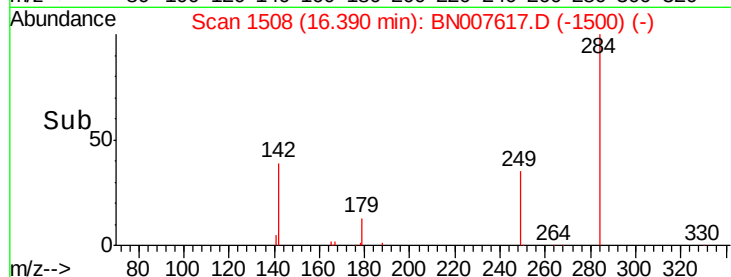
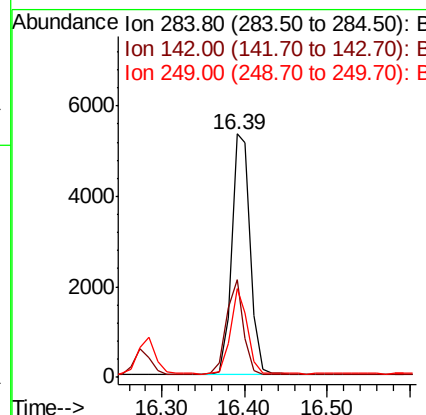
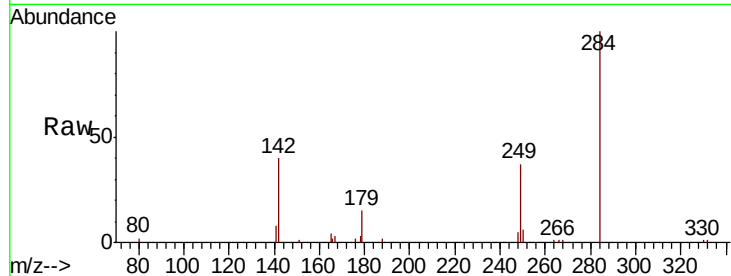
#21
Hexachlorobenzene
Concen: 0.329 ng
RT: 16.39 min Scan# 1508
Delta R.T. -0.01 min
Lab File: BN007617.D
Acq: 13 Sep 2019 09:16

Instrument :
BNA_N
ClientSampleId :
PB122692BSD

Tot Ion	Ratio	Lower	Upper
284	100		
142	35.7	27.8	41.6
249	32.5	25.5	38.3

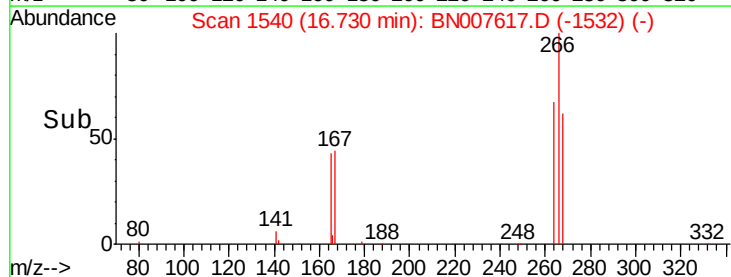
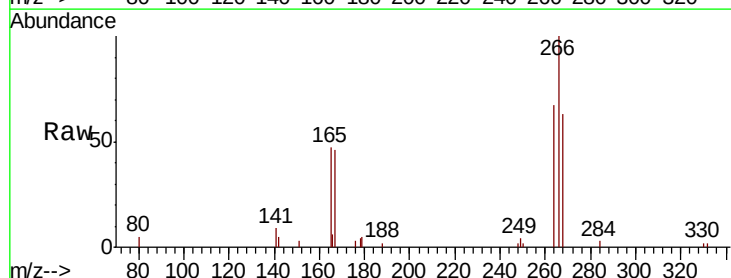
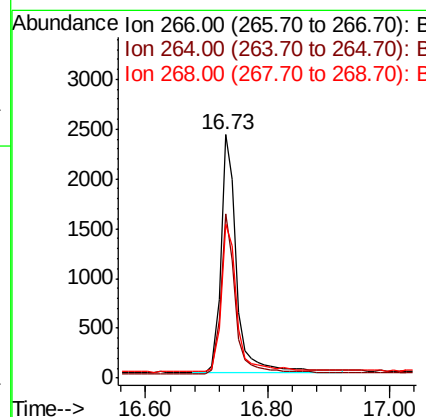
Manual Integrations
APPROVED

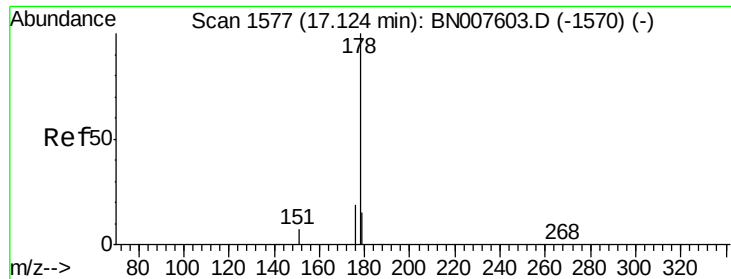
Jagrut
9/17/2019 9:32:32 AM



#22
Pentachlorophenol
Concen: 0.626 ng
RT: 16.73 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BN007617.D
Acq: 13 Sep 2019 09:16

Tgt Ion	Ratio	Lower	Upper
266	100		
264	67.3	49.4	74.0
268	63.5	53.0	79.6





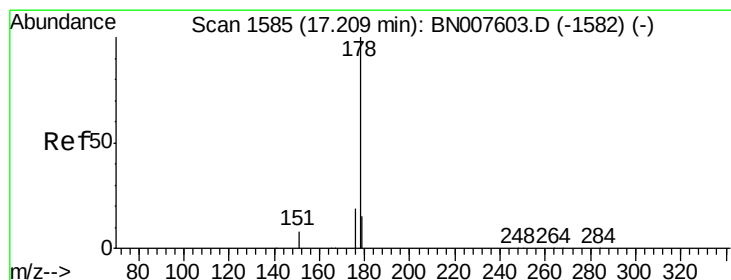
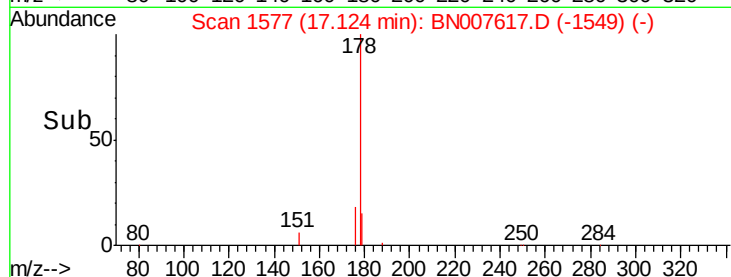
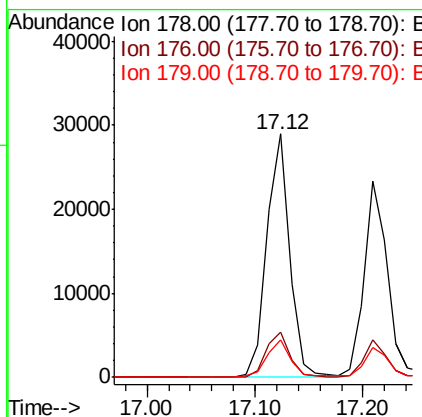
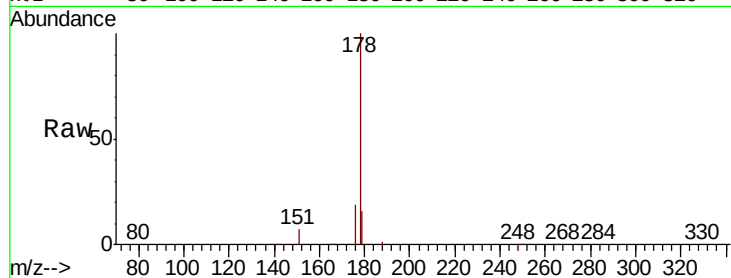
#23
Phenanthrene
Concen: 0.343 ng
RT: 17.12 min Scan# 1577
Delta R.T. -0.00 min
Lab File: BN007617.D
Acq: 13 Sep 2019 09:16

Instrument :
BNA_N
ClientSampleId :
PB122692BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.6
179	15.4	12.4	18.6

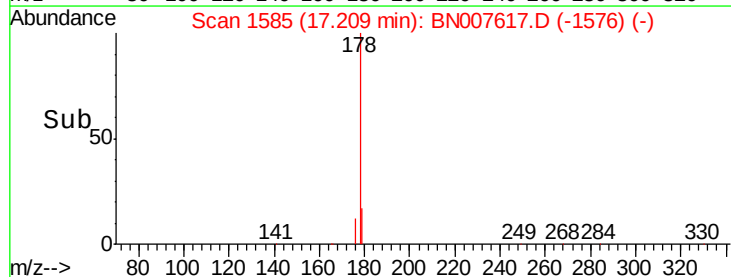
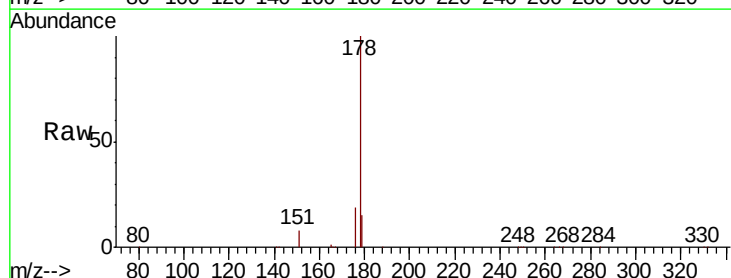
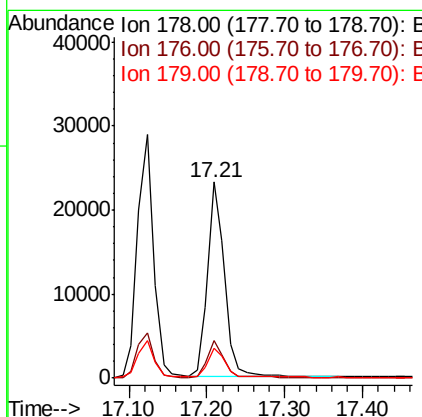
Manual Integrations
APPROVED

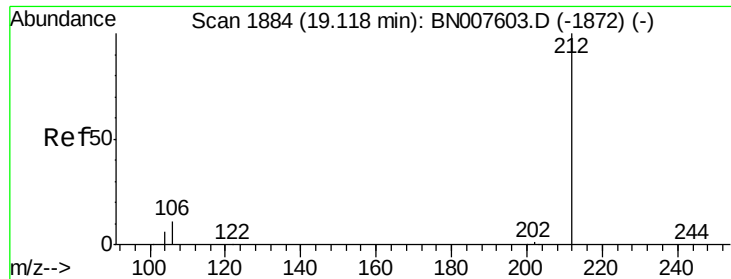
Jagrut
9/17/2019 9:32:32 AM



#24
Anthracene
Concen: 0.321 ng
RT: 17.21 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BN007617.D
Acq: 13 Sep 2019 09:16

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.5	21.7
179	15.2	12.4	18.6





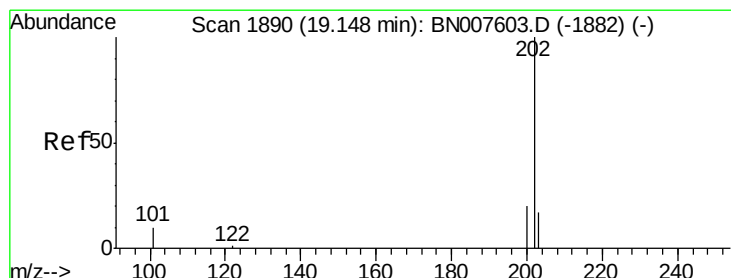
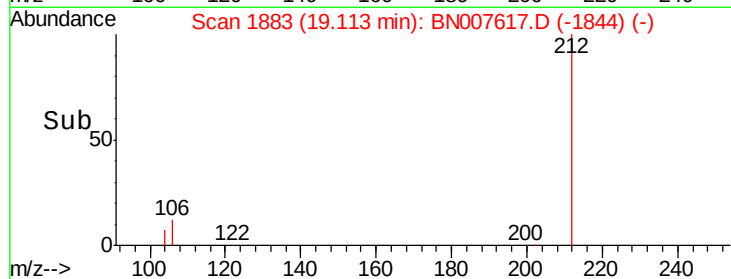
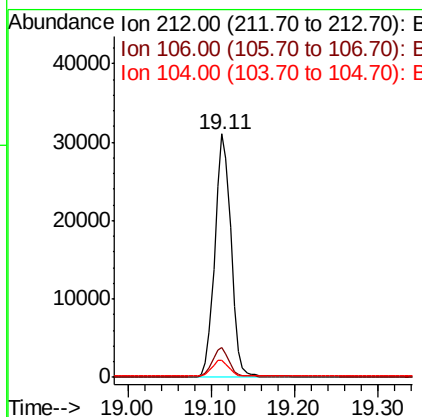
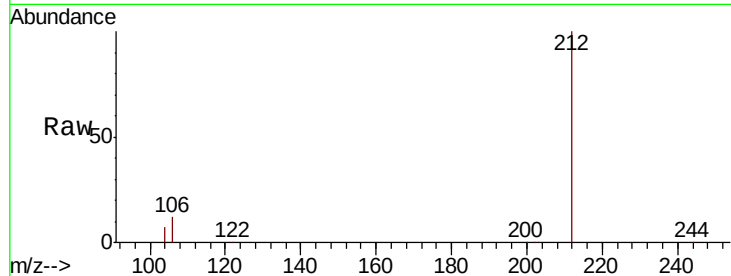
#25
 Fluoranthene-d10
 Concen: 0.339 ng
 RT: 19.11 min Scan# 1883
 Delta R.T. -0.01 min
 Lab File: BN007617.D
 Acq: 13 Sep 2019 09:16

Instrument :
 BNA_N
 ClientSampleId :
 PB122692BSD

Tot Ion	Ratio	Resp	Lower	Upper
212	100	41681		
106	12.1		9.6	14.4
104	6.9		5.4	8.0

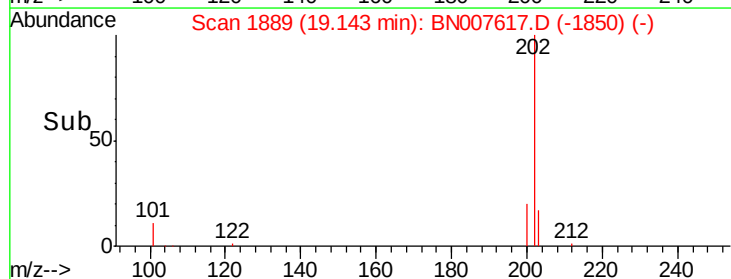
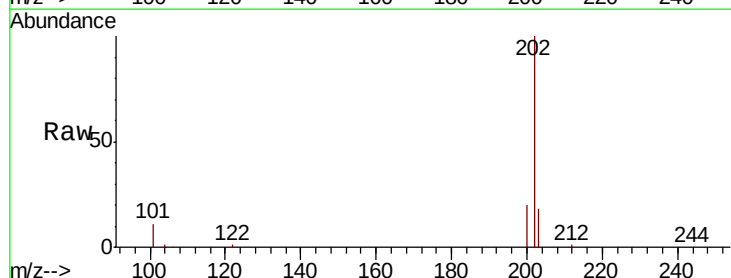
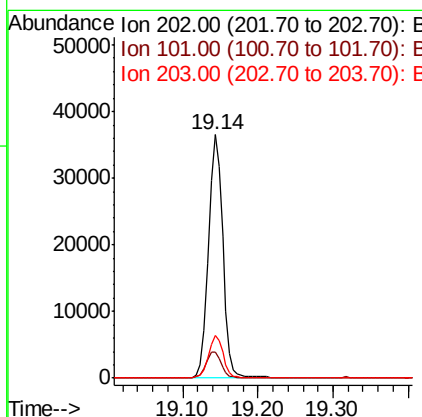
Manual Integrations
 APPROVED

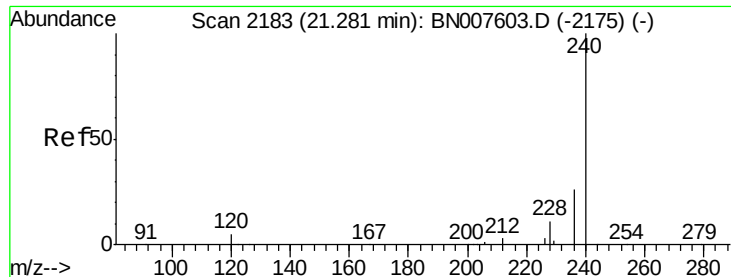
Jagrut
 9/17/2019 9:32:32 AM



#26
 Fluoranthene
 Concen: 0.337 ng
 RT: 19.14 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: BN007617.D
 Acq: 13 Sep 2019 09:16

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	48350		
101	11.1		8.6	13.0
203	17.3		13.8	20.6





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.27 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BN007617.D

Acq: 13 Sep 2019 09:16

Instrument :

BNA_N

ClientSampleId :

PB122692BSD

Tot Ion:240 Resp: 44197

Ion Ratio Lower Upper

240 100

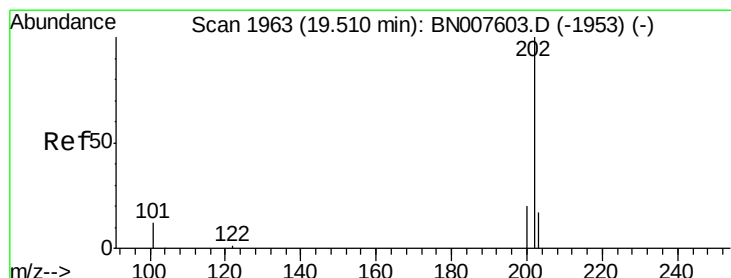
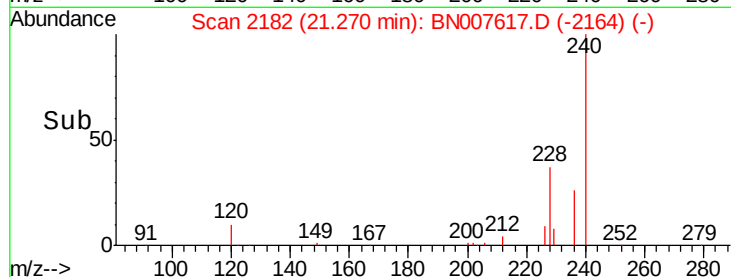
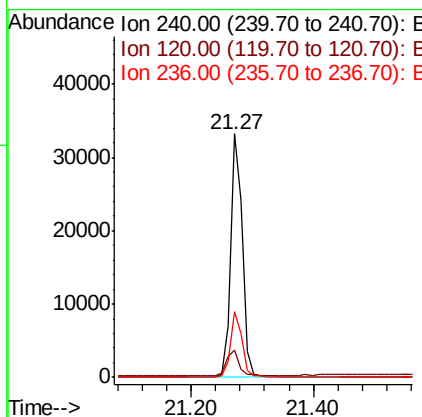
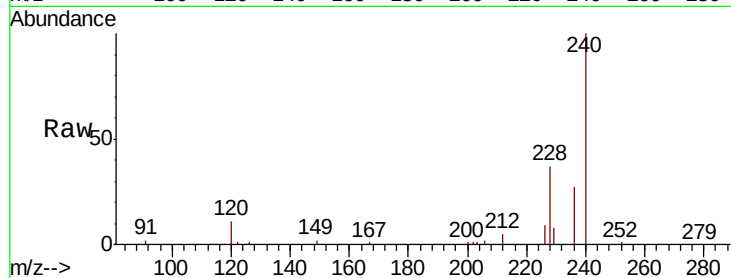
120 11.2 4.3 6.5#

236 26.7 20.8 31.2

Manual Integrations
APPROVED

Jagrut

9/17/2019 9:32:32 AM



#28

Pyrene

Concen: 0.339 ng

RT: 19.51 min Scan# 1962

Delta R.T. -0.01 min

Lab File: BN007617.D

Acq: 13 Sep 2019 09:16

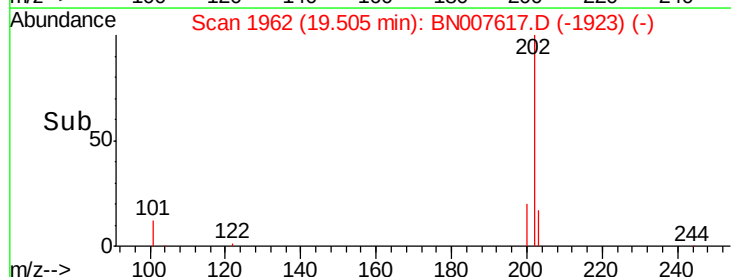
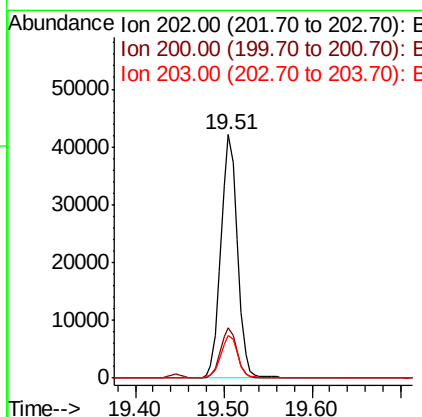
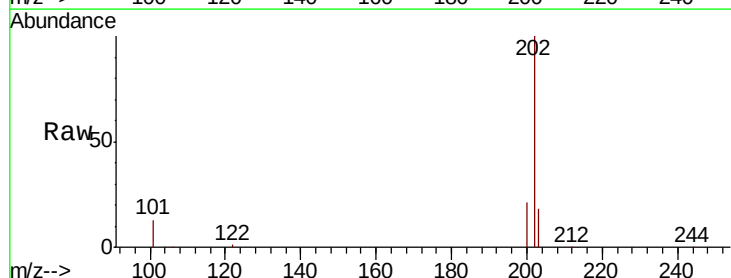
Tgt Ion:202 Resp: 54383

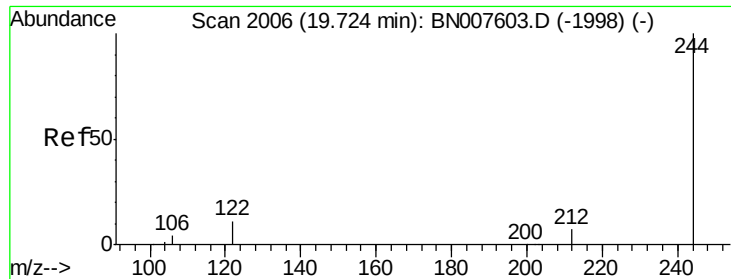
Ion Ratio Lower Upper

202 100

200 20.4 16.4 24.6

203 17.5 14.0 21.0





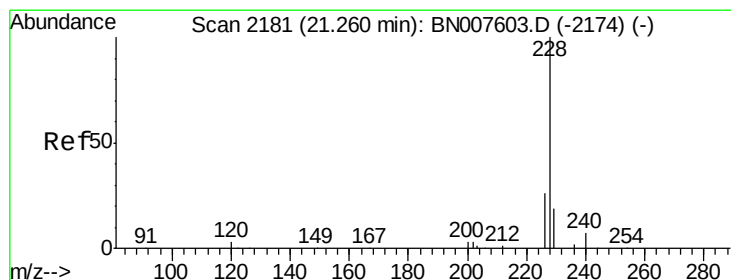
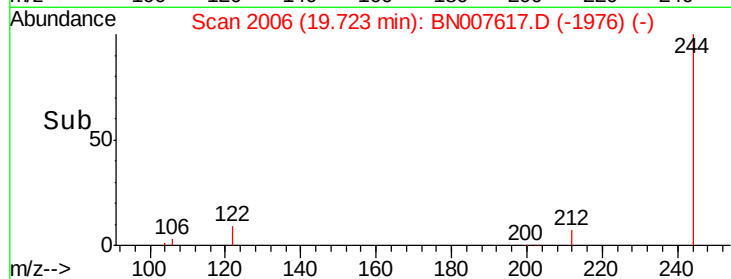
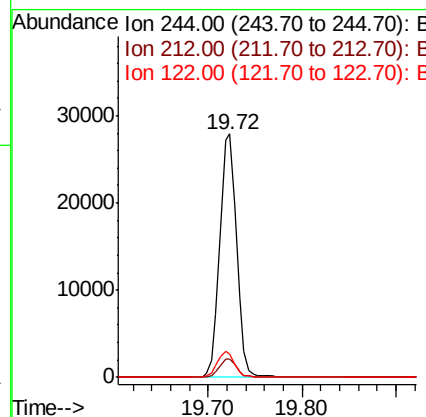
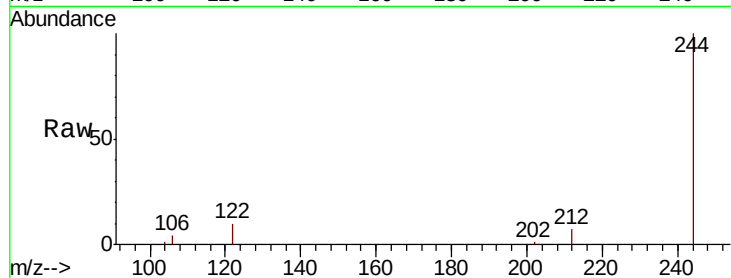
#29
 Terphenyl-d14
 Concen: 0.295 ng
 RT: 19.72 min Scan# 2006
 Delta R.T. -0.00 min
 Lab File: BN007617.D
 Acq: 13 Sep 2019 09:16

Instrument :
 BNA_N
 ClientSampleId :
 PB122692BSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.9	8.9
122	9.6	8.6	12.8

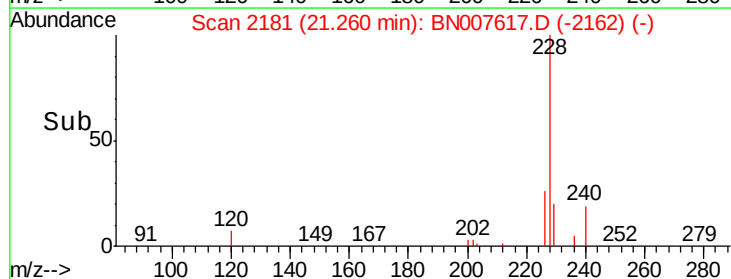
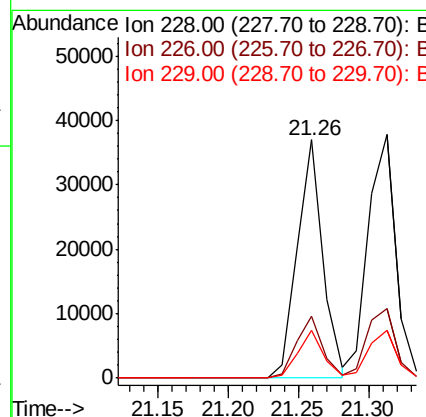
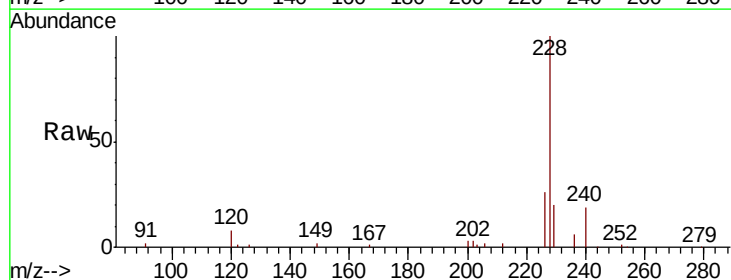
Manual Integrations
 APPROVED

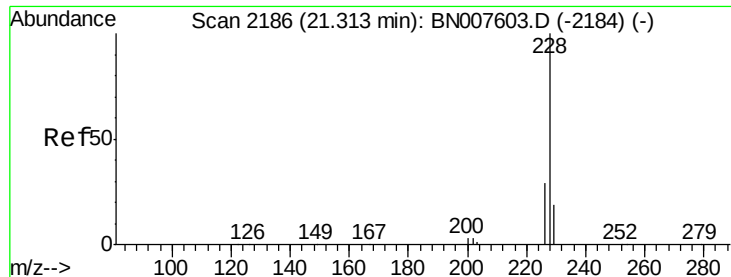
Jagrut
 9/17/2019 9:32:32 AM



#30
 Benzo(a)anthracene
 Concen: 0.297 ng
 RT: 21.26 min Scan# 2181
 Delta R.T. -0.00 min
 Lab File: BN007617.D
 Acq: 13 Sep 2019 09:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.1	21.2	31.8
229	19.8	15.5	23.3





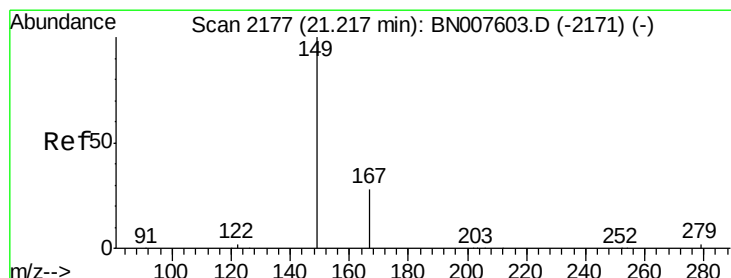
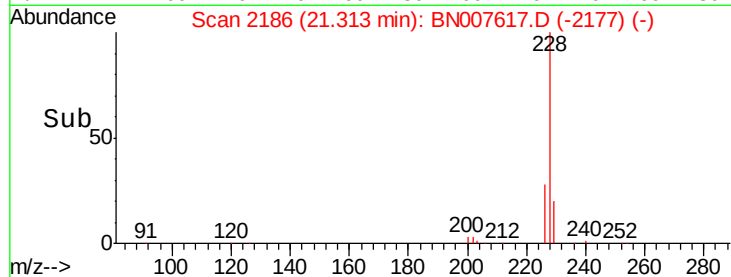
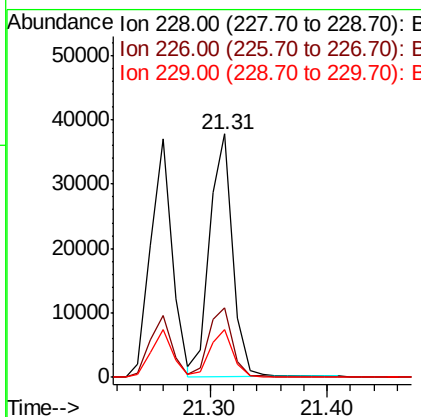
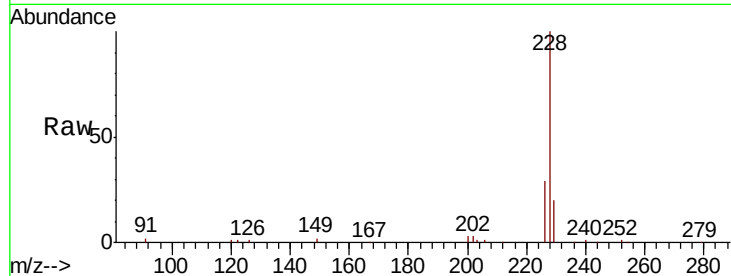
#31
 Chrysene
 Concen: 0.316 ng
 RT: 21.31 min Scan# 2186
 Delta R.T. -0.00 min
 Lab File: BN007617.D
 Acq: 13 Sep 2019 09:16

Instrument :
 BNA_N
 ClientSampleID :
 PB122692BSD

Tot Ion:228	Resp:	51502
Ion Ratio	Lower	Upper
228 100		
226 28.5	23.4	35.2
229 19.7	15.5	23.3

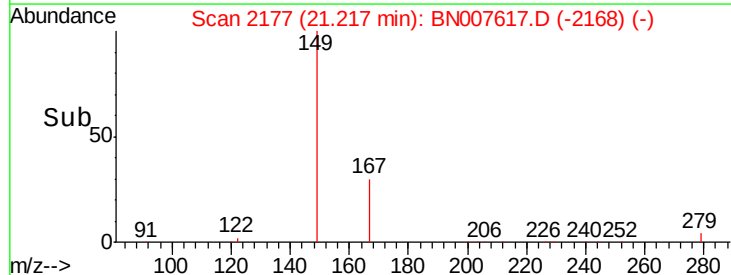
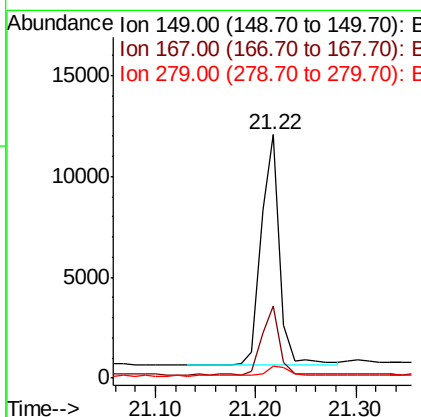
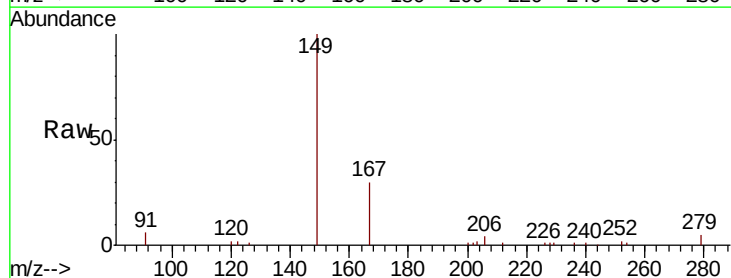
Manual Integrations
 APPROVED

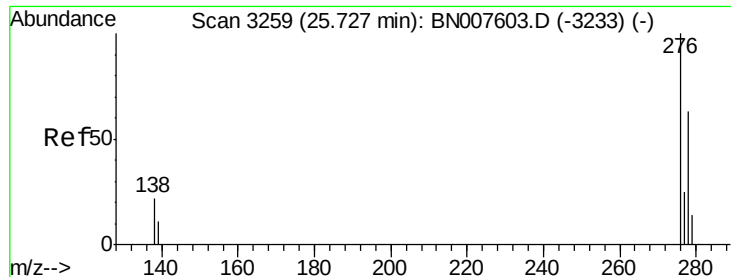
Jagrut
 9/17/2019 9:32:32 AM



#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.273 ng
 RT: 21.22 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: BN007617.D
 Acq: 13 Sep 2019 09:16

Tgt Ion:149	Resp:	14511
Ion Ratio	Lower	Upper
149 100		
167 27.6	22.6	34.0
279 5.7	3.8	5.6#





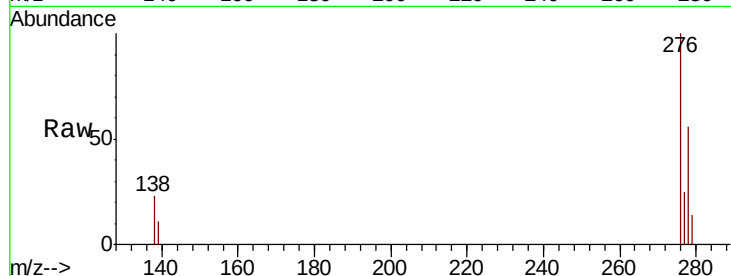
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.313 ng
 RT: 25.72 min Scan# 3256
 Delta R.T. -0.01 min
 Lab File: BN007617.D
 Acq: 13 Sep 2019 09:16

Instrument :
 BNA_N
 ClientSampleId :
 PB122692BSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.3	18.2	27.4
277	25.2	20.1	30.1

Manual Integrations
 APPROVED

Jagrut
 9/17/2019 9:32:32 AM

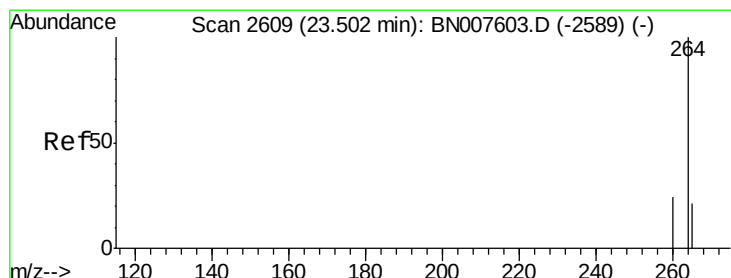
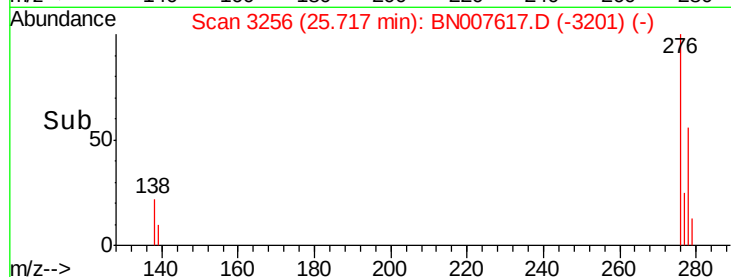
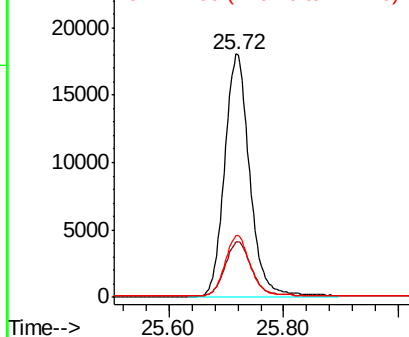


Abundance

Ion 276.00 (275.70 to 276.70): E

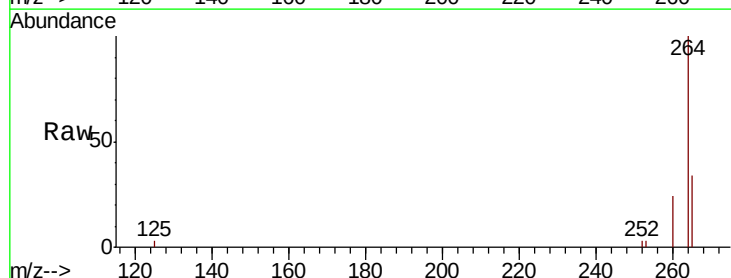
Ion 138.00 (137.70 to 138.70): E

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: BN007617.D
 Acq: 13 Sep 2019 09:16

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.1	28.7
265	34.3	24.6	37.0

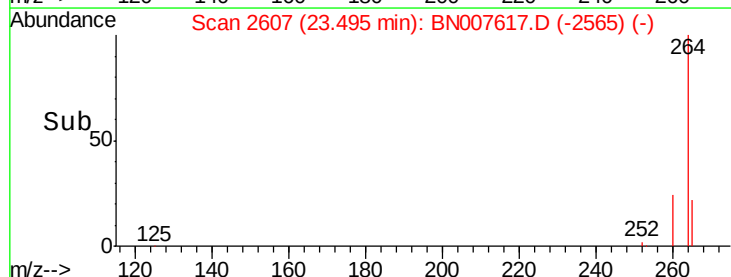
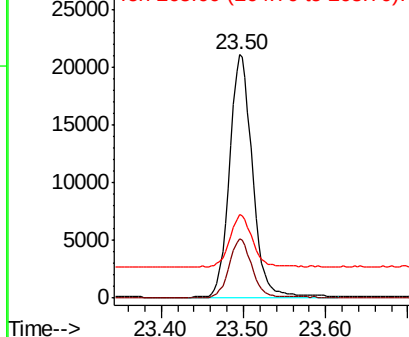


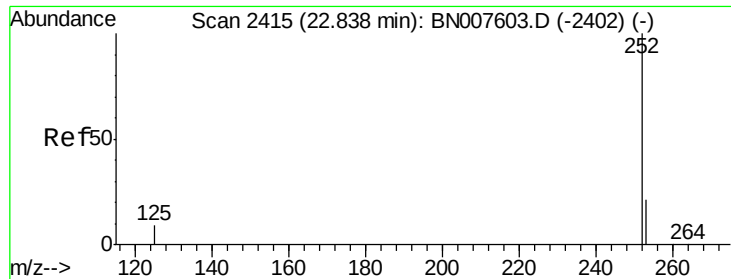
Abundance

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





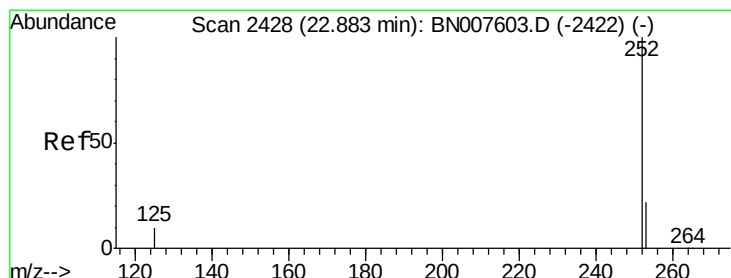
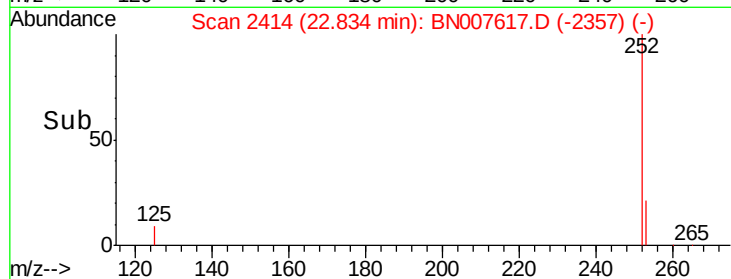
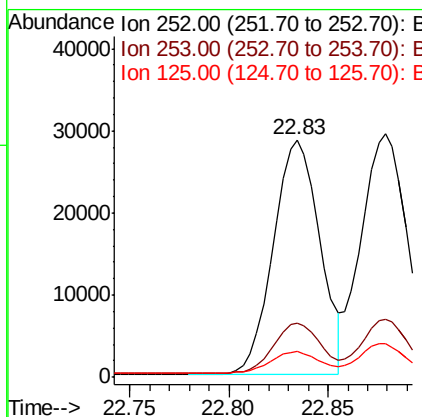
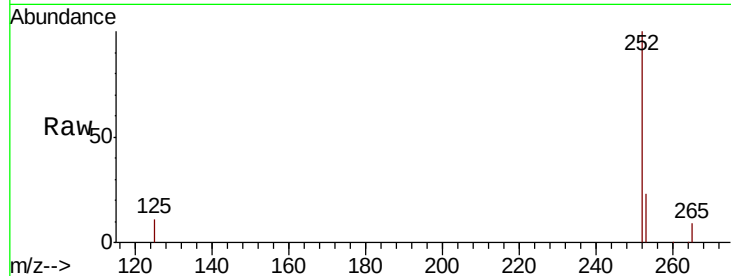
#35
Benzo(b)fluoranthene
Concen: 0.317 ng
RT: 22.83 min Scan# 2414
Delta R.T. -0.00 min
Lab File: BN007617.D
Acq: 13 Sep 2019 09:16

Instrument :
BNA_N
ClientSampleId :
PB122692BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.8
125	11.1	8.0	12.0

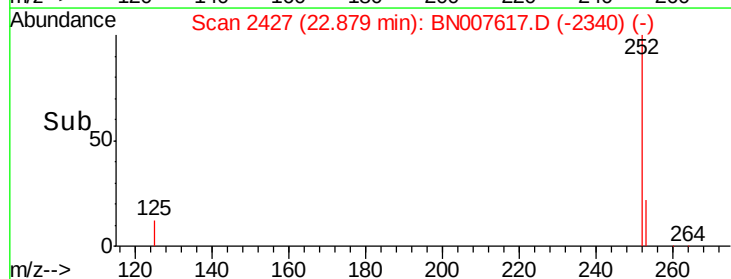
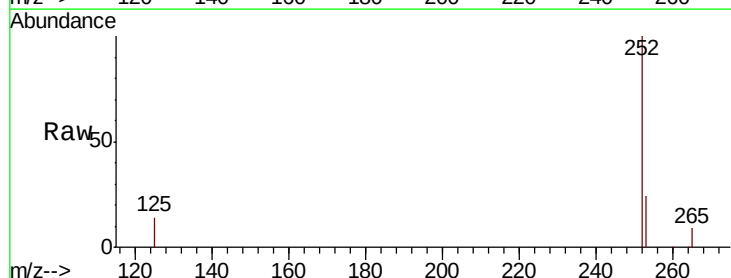
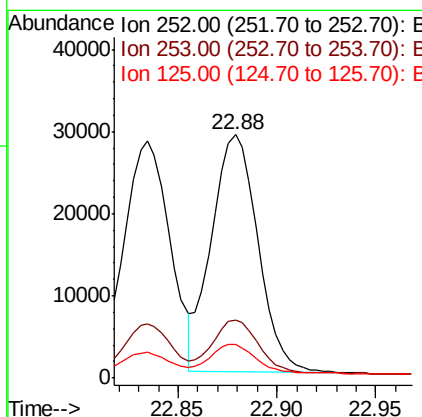
Manual Integrations
APPROVED

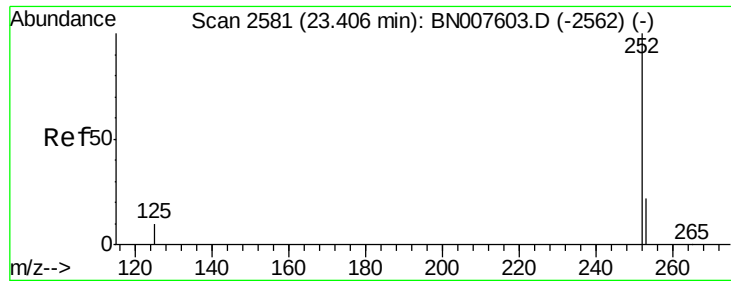
Jagrut
9/17/2019 9:32:32 AM



#36
Benzo(k)fluoranthene
Concen: 0.314 ng m
RT: 22.88 min Scan# 2427
Delta R.T. -0.00 min
Lab File: BN007617.D
Acq: 13 Sep 2019 09:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.3	27.5
125	13.7	8.9	13.3#





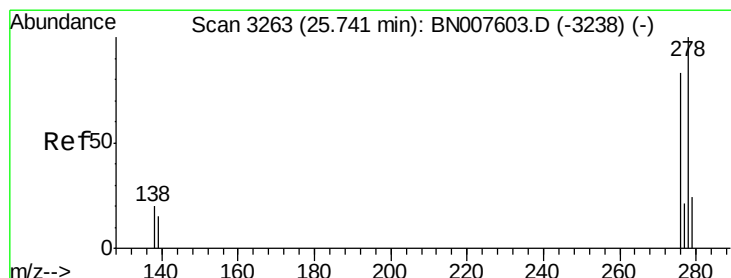
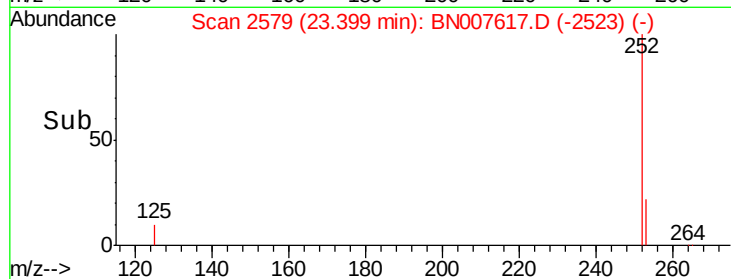
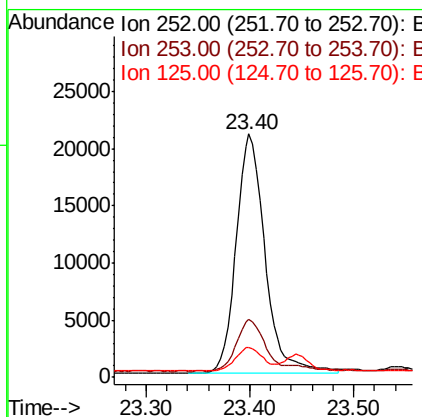
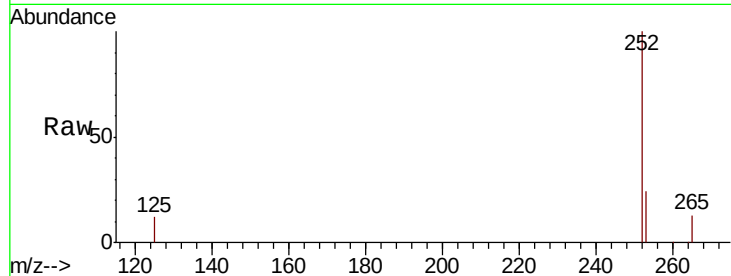
#37
Benzo(a)pyrene
Concen: 0.310 ng
RT: 23.40 min Scan# 2579
Delta R.T. -0.01 min
Lab File: BN007617.D
Acq: 13 Sep 2019 09:16

Instrument :
BNA_N
ClientSampleId :
PB122692BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.3	27.5
125	12.4	8.9	13.3

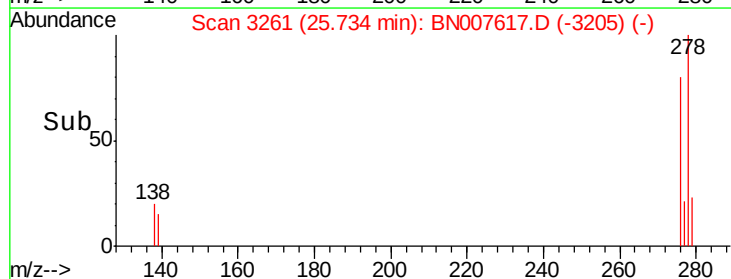
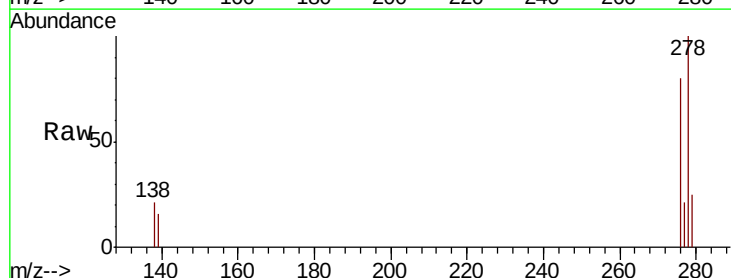
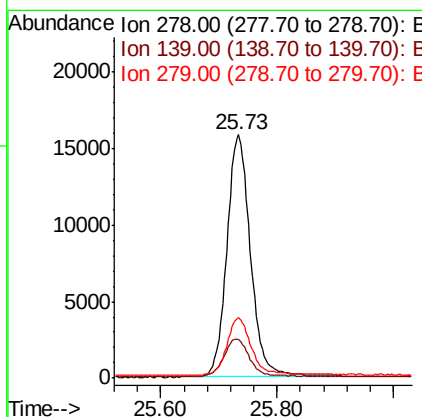
Manual Integrations
APPROVED

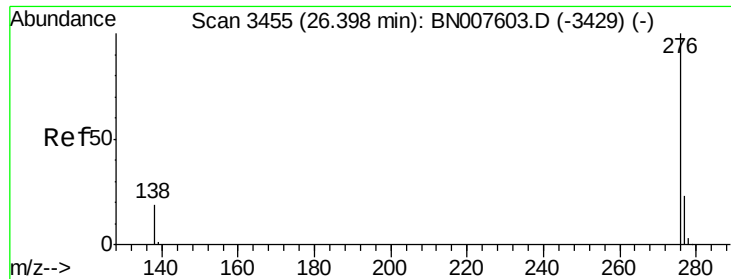
Jagrut
9/17/2019 9:32:32 AM



#38
Dibenzo(a,h)anthracene
Concen: 0.328 ng
RT: 25.73 min Scan# 3261
Delta R.T. -0.01 min
Lab File: BN007617.D
Acq: 13 Sep 2019 09:16

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.9	12.6	18.8
279	24.7	19.6	29.4





#39

Benzo(a,h,i)perylene

Concen: 0.326 ng

RT: 26.39 min Scan# 3452

Delta R.T. -0.01 min

Lab File: BN007617.D

Acq: 13 Sep 2019 09:16

Instrument :

BNA_N

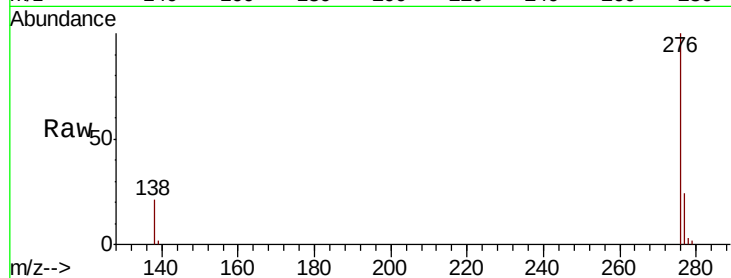
ClientSampleId :

PB122692BSD

Tot Ion:	276	Resp:	44200
Ion Ratio	Lower	Upper	
276	100		
277	24.1	19.1	28.7
138	20.7	15.8	23.6

Manual Integrations
APPROVED

Jagrut
9/17/2019 9:32:32 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

