

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082619\
 Data File : BN007416.D
 Acq On : 26 Aug 2019 19:00
 Operator : HP/JU
 Sample : K4514-03MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 S602-M-1.0-1.5-082319MS

Manual Integrations
 APPROVED

JAGRUT
 8/30/2019 8:57:13 AM

Quant Time: Aug 27 06:36:55 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082319.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Sat Aug 24 00:38:17 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	4925	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	19056	0.40	ng	-0.01
13) Acenaphthene-d10	14.04	164	11170	0.40	ng	-0.01
19) Phenanthrene-d10	16.80	188	21875	0.40	ng	0.00
27) Chrysene-d12	21.02	240	23662	0.40	ng	0.00
34) Perylene-d12	23.13	264	27329	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.03	112	6680	0.39	ng	0.00
5) Phenol-d6	6.59	99	8486	0.39	ng	0.00
8) Nitrobenzene-d5	8.53	82	6362m	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	11.76	152	12740m	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.55	330	2471	0.42	ng	-0.01
15) 2-Fluorobiphenyl	12.66	172	14742	0.33	ng	0.00
25) Fluoranthene-d10	18.84	212	27141	0.39	ng	0.00
29) Terphenyl-d14	19.46	244	19891	0.32	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.00	88	2141	0.262	ng	# 84
3) n-Nitrosodimethylamine	3.31	42	1068	0.281	ng	# 56
6) bis(2-Chloroethyl)ether	6.84	93	6300	0.354	ng	94
9) Naphthalene	10.20	128	25642	0.471	ng	# 90
10) Hexachlorobutadiene	10.51	225	3726	0.334	ng	# 100
12) 2-Methylnaphthalene	11.83	142	23086	0.622	ng	97
16) Acenaphthylene	13.76	152	35379	0.535	ng	95
17) Acenaphthene	14.11	154	44666	1.155	ng	98
18) Fluorene	15.10	166	55868	1.142	ng	98
20) 4-Bromophenyl-phenylether	16.01	248	1695	0.196	ng	# 85
21) Hexachlorobenzene	16.12	284	5381	0.367	ng	99
22) Pentachlorophenol	16.46	266	3598	0.790	ng	# 63
23) Phenanthrene	16.84	178	603366	9.170	ng	99
24) Anthracene	16.93	178	153899	2.325	ng	96
26) Fluoranthene	18.87	202	1904942	22.548	ng	99
28) Pyrene	19.24	202	1594037	16.747	ng	# 94
30) Benzo(a)anthracene	21.01	228	903346	9.721	ng	98
31) Chrysene	21.06	228	806652	8.993	ng	98
32) Bis(2-ethylhexyl)phthalate	20.97	149	35250	0.567	ng	95
33) Indeno(1,2,3-cd)pyrene	25.19	276	564349	5.223	ng	98
35) Benzo(b)fluoranthene	22.51	252	1096424	11.073	ng	# 95
36) Benzo(k)fluoranthene	22.55	252	443699m	4.534	ng	
37) Benzo(a)pyrene	23.03	252	822311m	8.727	ng	
38) Dibenzo(a,h)anthracene	25.20	278	169558	1.803	ng	93
39) Benzo(g,h,i)perylene	25.82	276	537754	5.741	ng	97

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

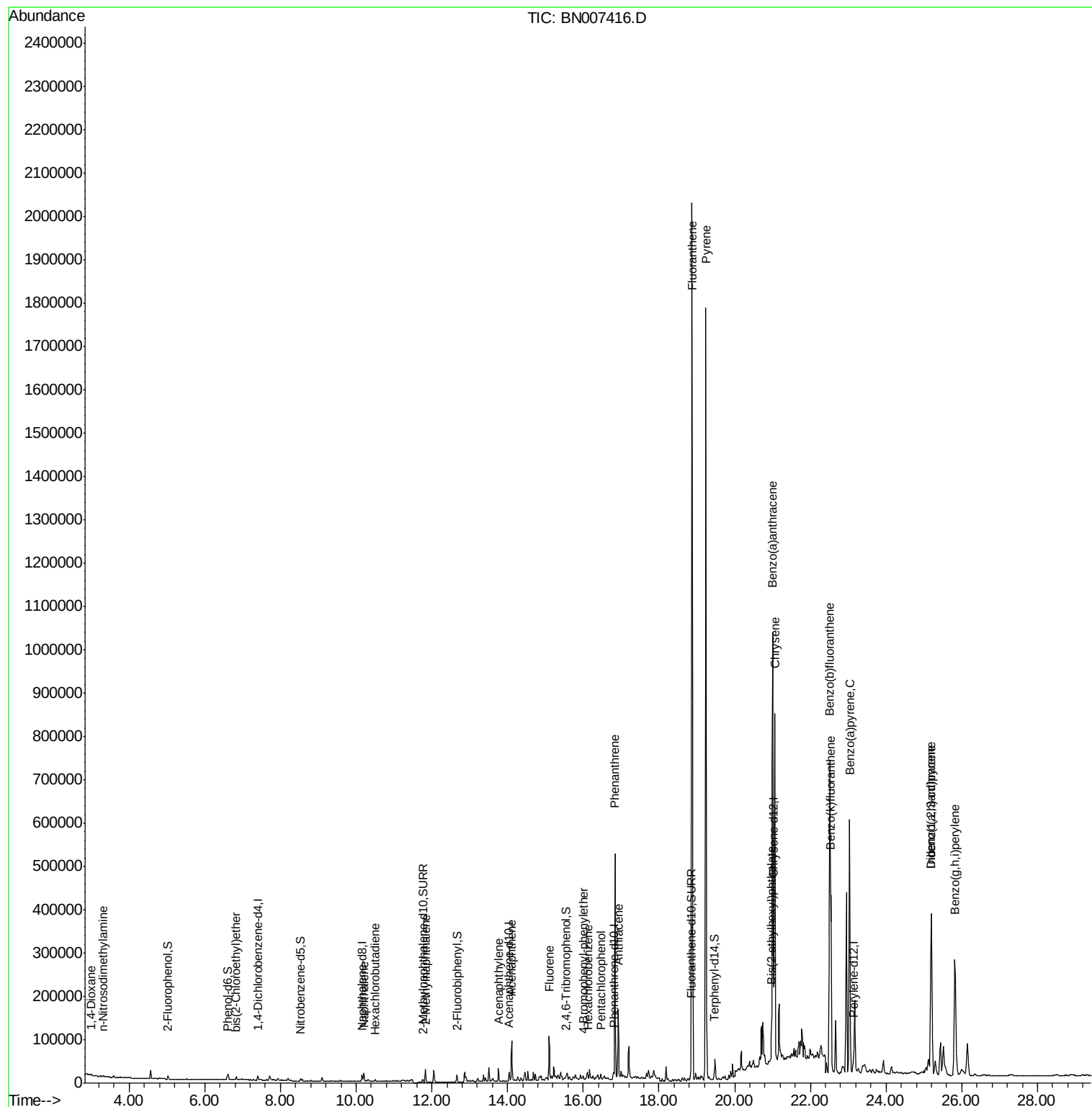
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082619\
Data File : BN007416.D
Acq On : 26 Aug 2019 19:00
Operator : HP/JU
Sample : K4514-03MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

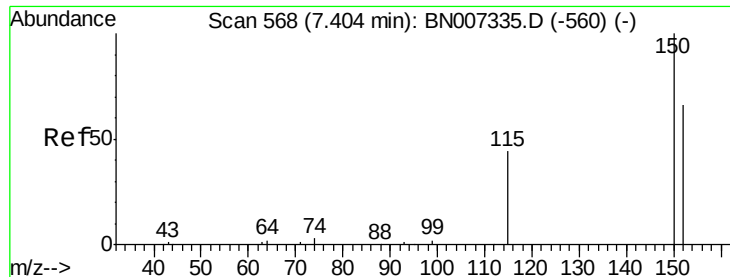
Instrument :
BNA_N
ClientSampleId :
S602-M-1.0-1.5-082319MS

Manual Integrations
APPROVED

JAGRUT
8/30/2019 8:57:13 AM

Quant Time: Aug 27 06:36:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 24 00:38:17 2019
Response via : Initial Calibration





#1

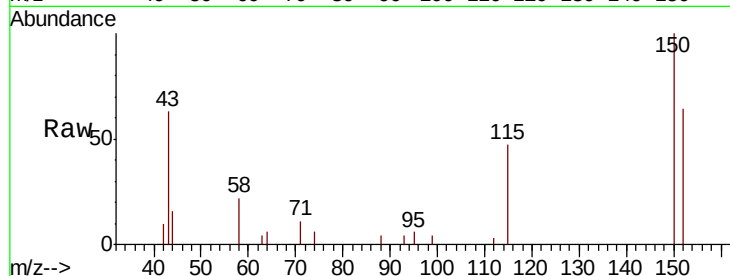
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 567
Delta R.T. -0.01 min
Lab File: BN007416.D
Acq: 26 Aug 2019 19:00

Instrument :
BNA_N
ClientSampleId :
S602-M-1.0-1.5-082319MS

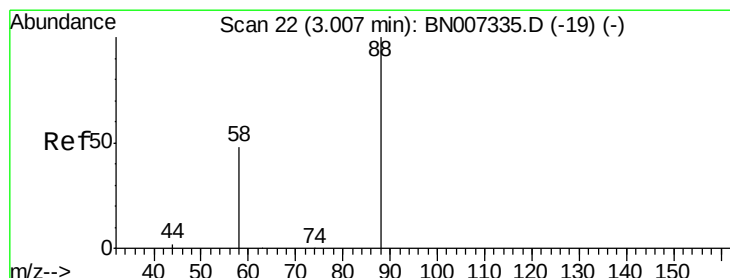
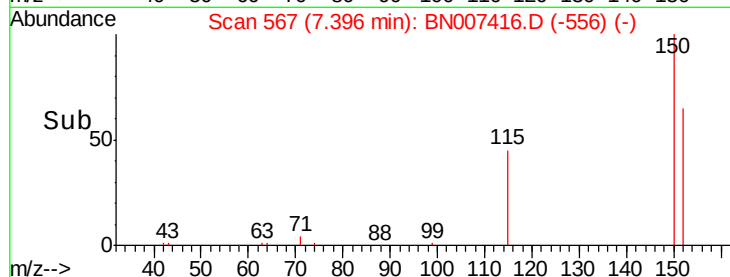
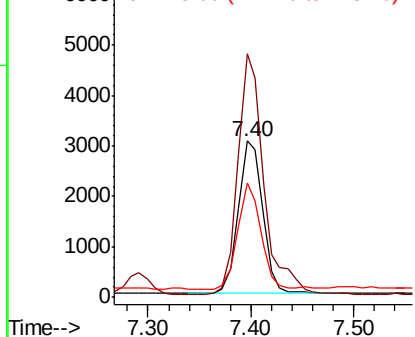
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	109.1	163.7
115	73.1	59.6	89.4

Manual Integrations
APPROVED

JAGRUT
8/30/2019 8:57:13 AM



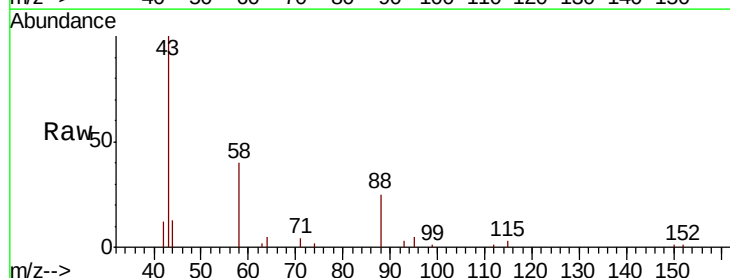
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



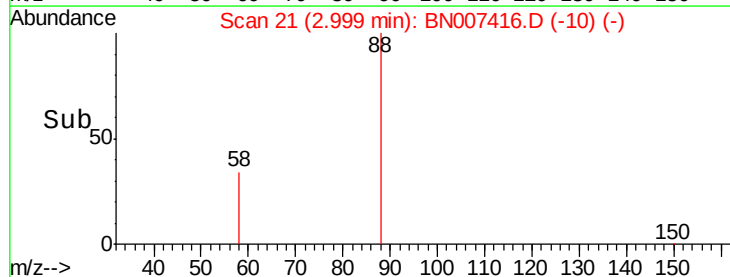
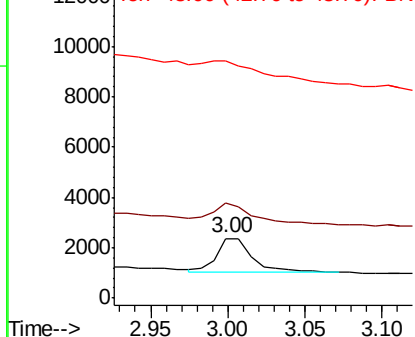
#2

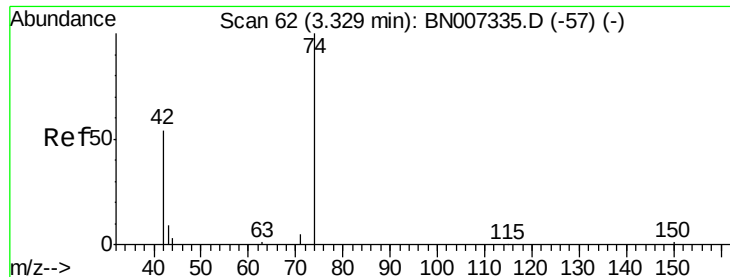
1,4-Dioxane
Concen: 0.262 ng
RT: 3.00 min Scan# 21
Delta R.T. -0.01 min
Lab File: BN007416.D
Acq: 26 Aug 2019 19:00

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.8	50.5	75.7#
43	0.0	0.0	0.0



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: 0.281 ng

RT: 3.31 min Scan# 60

Delta R.T. -0.02 min

Lab File: BN007416.D

Acq: 26 Aug 2019 19:00

Instrument :

BNA_N

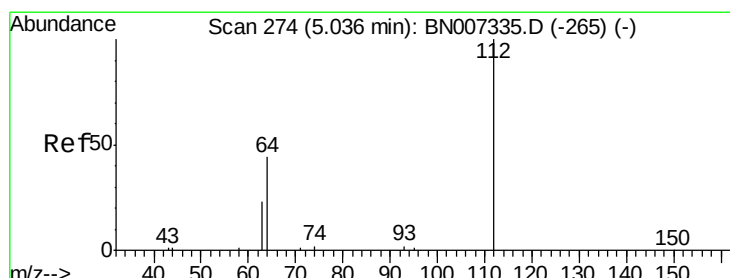
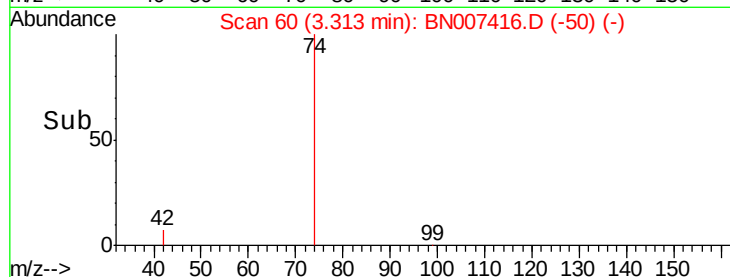
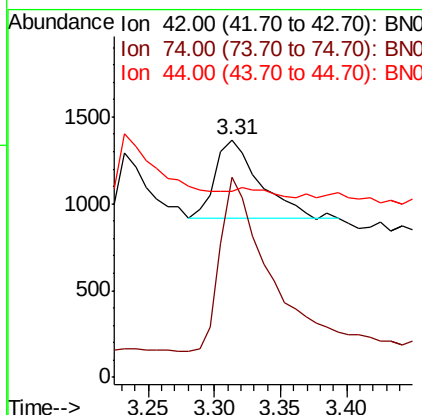
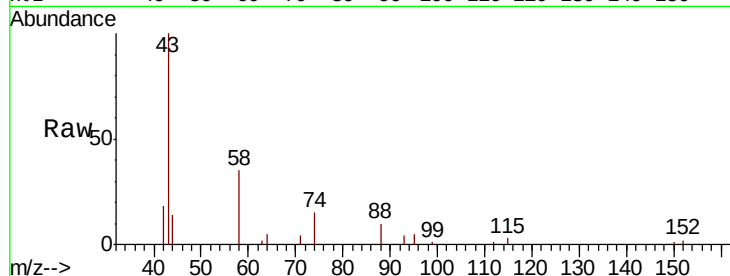
ClientSampleId :

S602-M-1.0-1.5-082319MS

Tot Ion:	42	Resp:	1068
Ion	Ratio	Lower	Upper
42	100		
74	245.1	144.7	217.1#
44	0.0	3.2	4.8#

Manual Integrations
APPROVED

JAGRUT
8/30/2019 8:57:13 AM



#4

2-Fluorophenol

Concen: 0.390 ng

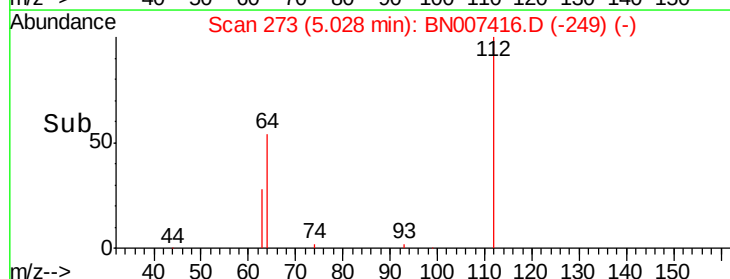
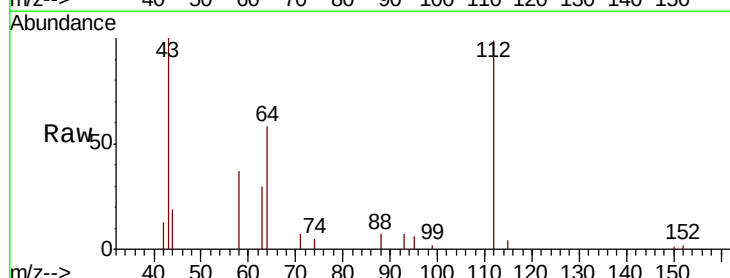
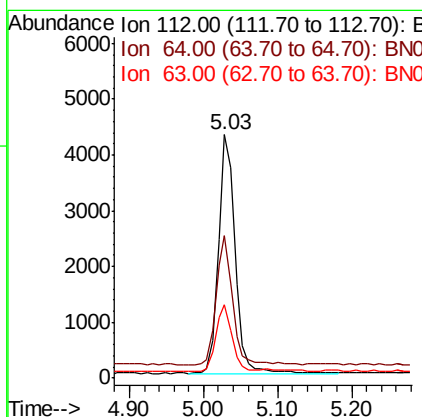
RT: 5.03 min Scan# 273

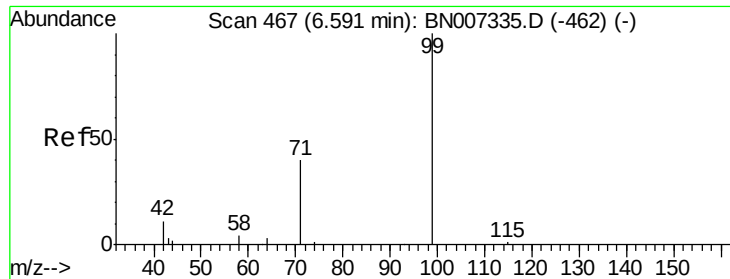
Delta R.T. -0.01 min

Lab File: BN007416.D

Acq: 26 Aug 2019 19:00

Tgt Ion:	112	Resp:	6680
Ion	Ratio	Lower	Upper
112	100		
64	53.6	42.3	63.5
63	26.4	23.6	35.4





#5

Phenol-d6

Concen: 0.390 ng

RT: 6.59 min Scan# 467

Delta R.T. 0.00 min

Lab File: BN007416.D

Acq: 26 Aug 2019 19:00

Instrument :

BNA_N

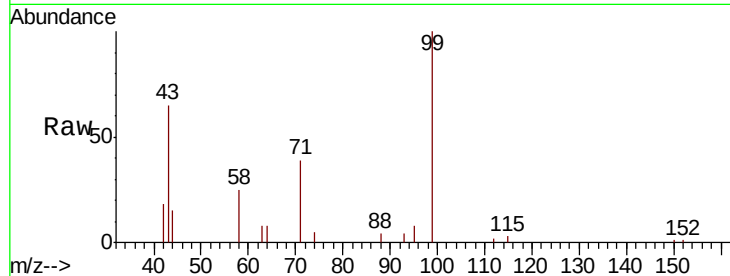
ClientSampleId :

S602-M-1.0-1.5-082319MS

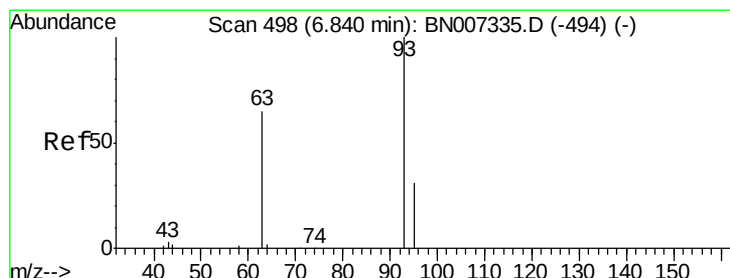
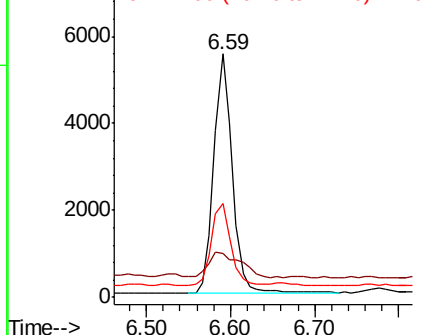
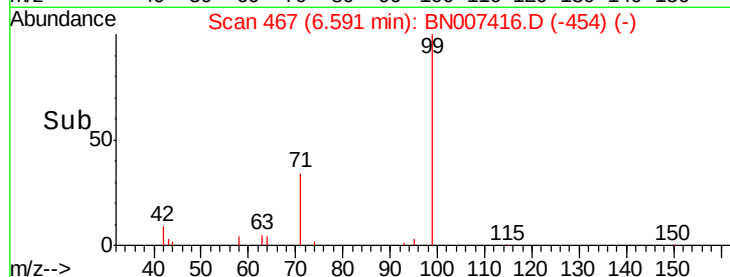
Tot Ion:	99	Resp:	8486
Ion	Ratio	Lower	Upper
99	100		
42	17.7	11.2	16.8#
71	34.8	31.8	47.8

Manual Integrations
APPROVED

JAGRUT
8/30/2019 8:57:13 AM



Abundance Ion 99.00 (98.70 to 99.70): BN007416.D (-454) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.354 ng

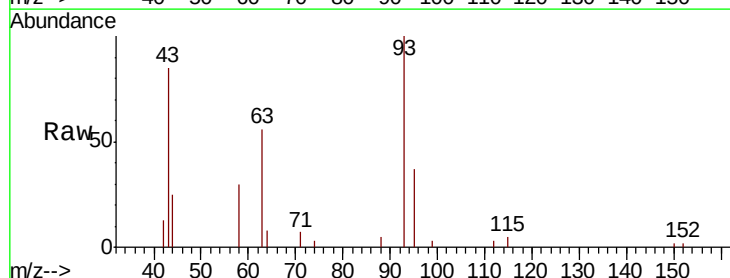
RT: 6.84 min Scan# 498

Delta R.T. -0.00 min

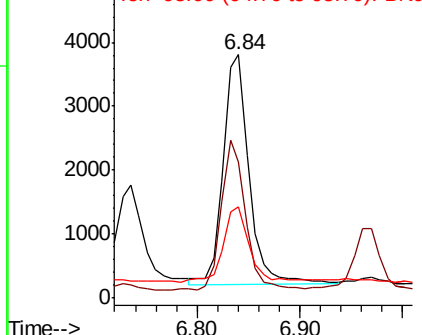
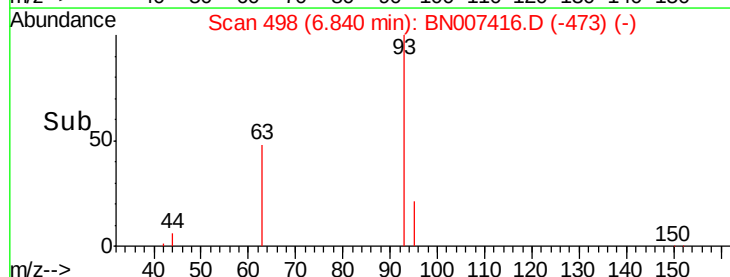
Lab File: BN007416.D

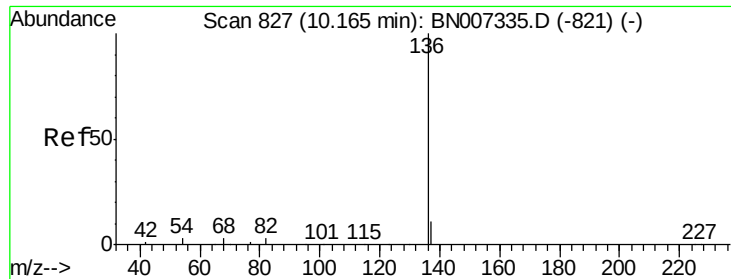
Acq: 26 Aug 2019 19:00

Tgt Ion:	93	Resp:	6300
Ion	Ratio	Lower	Upper
93	100		
63	60.0	51.9	77.9
95	31.8	27.7	41.5



Abundance Ion 93.00 (92.70 to 93.70): BN007416.D (-473) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 826

Delta R.T. -0.01 min

Lab File: BN007416.D

Acq: 26 Aug 2019 19:00

Instrument :

BNA_N

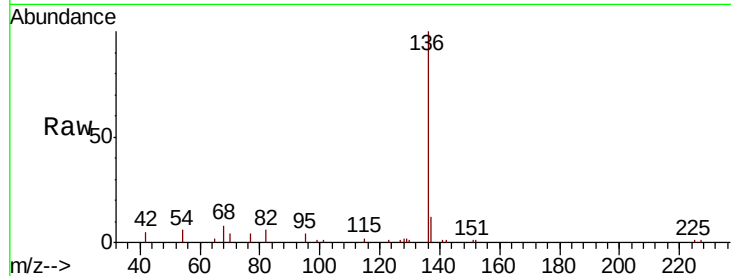
ClientSampleId :

S602-M-1.0-1.5-082319MS

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.7	12.9	19.3#
54	5.7	8.6	12.8#
68	7.6	17.0	25.4#

Manual Integrations
APPROVED

JAGRUT
8/30/2019 8:57:13 AM



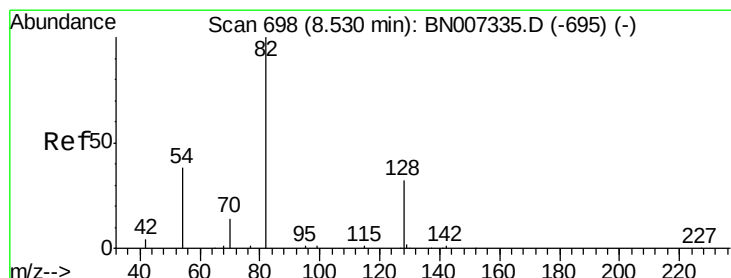
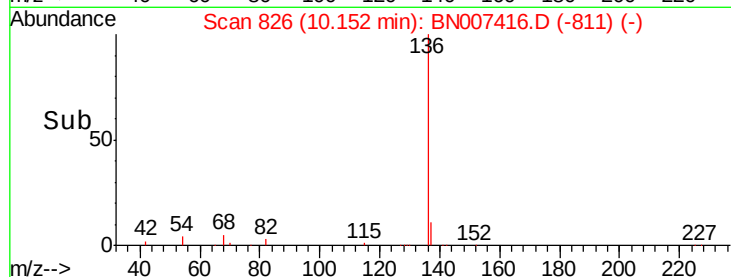
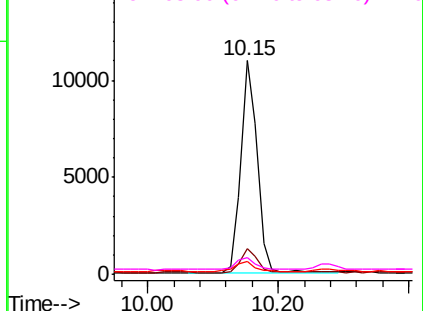
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 0.384 ng m

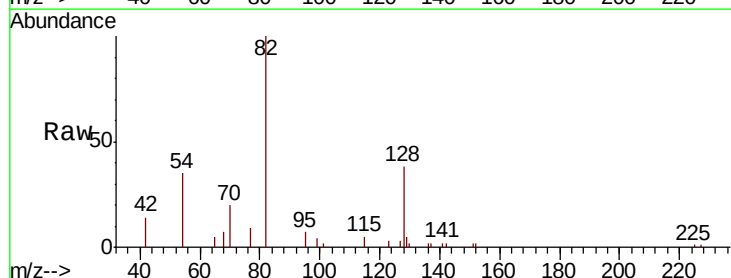
RT: 8.53 min Scan# 698

Delta R.T. -0.00 min

Lab File: BN007416.D

Acq: 26 Aug 2019 19:00

Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.2	19.7	29.5#
54	35.1	25.8	38.6

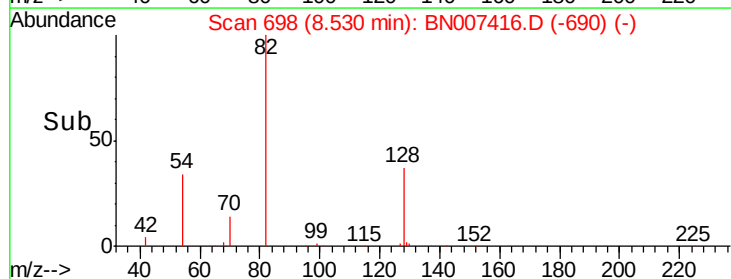
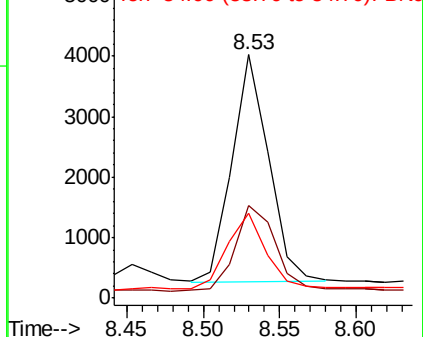


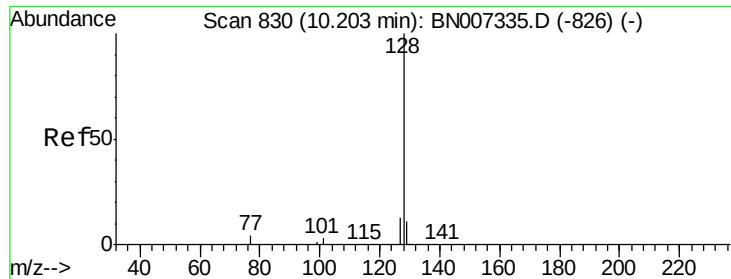
Abundance

Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.471 ng

RT: 10.20 min Scan# 830

Delta R.T. -0.00 min

Lab File: BN007416.D

Acq: 26 Aug 2019 19:00

Instrument :

BNA_N

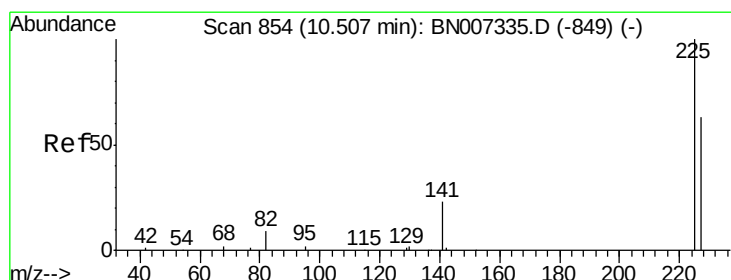
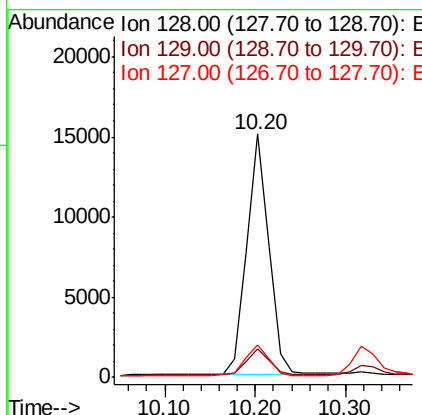
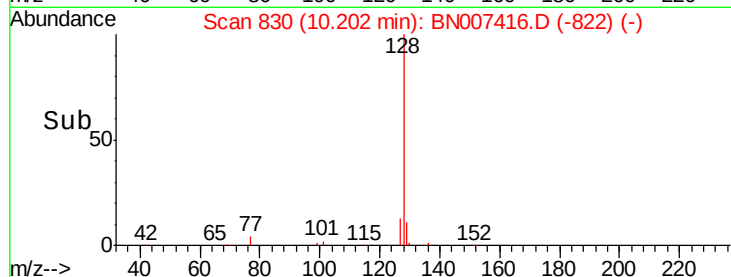
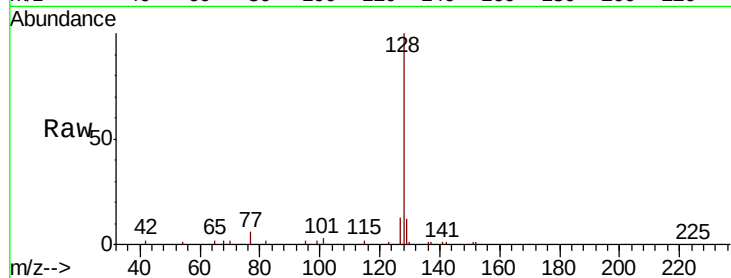
ClientSampleId :

S602-M-1.0-1.5-082319MS

Tot Ion:	128	Resp:	25642
Ion Ratio	Lower	Upper	
128	100		
129	11.8	11.1	16.7
127	13.5	15.5	23.3#

Manual Integrations
APPROVED

JAGRUT
8/30/2019 8:57:13 AM



#10

Hexachlorobutadiene

Concen: 0.334 ng

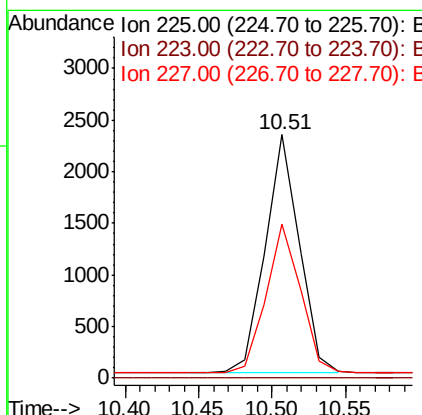
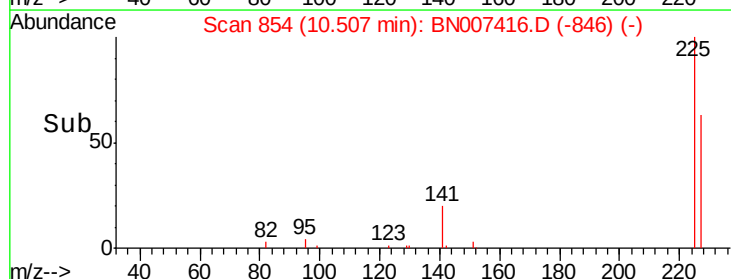
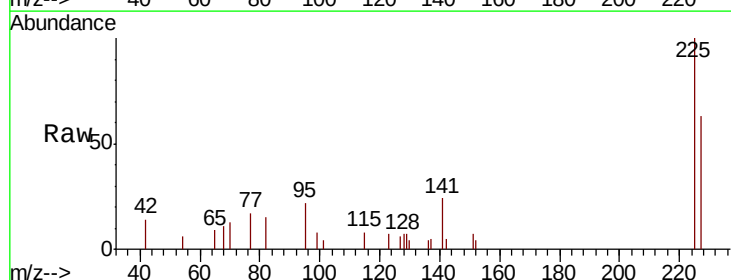
RT: 10.51 min Scan# 854

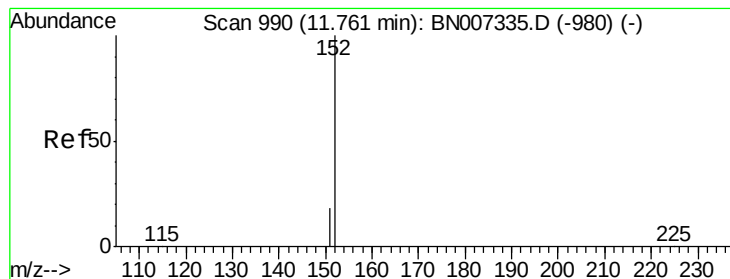
Delta R.T. -0.00 min

Lab File: BN007416.D

Acq: 26 Aug 2019 19:00

Tgt Ion:	225	Resp:	3726
Ion Ratio	Lower	Upper	
225	100		
223	0.0	0.0	0.0
227	63.3	50.7	76.1





#11

2-Methylnaphthalene-d10

Concen: 0.402 ng m

RT: 11.76 min Scan# 989

Delta R.T. -0.00 min

Lab File: BN007416.D

Acq: 26 Aug 2019 19:00

Instrument :

BNA_N

ClientSampleId :

S602-M-1.0-1.5-082319MS

Tot Ion:152 Resp: 12740

Ion Ratio Lower Upper

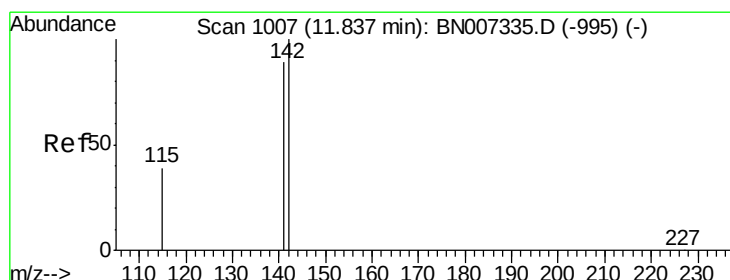
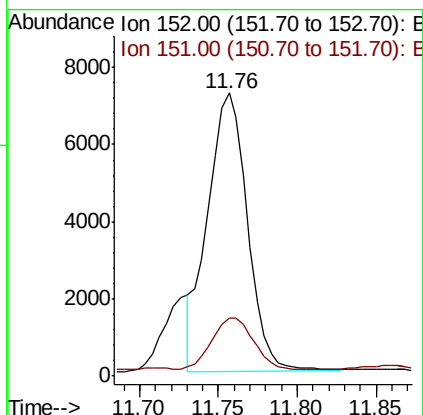
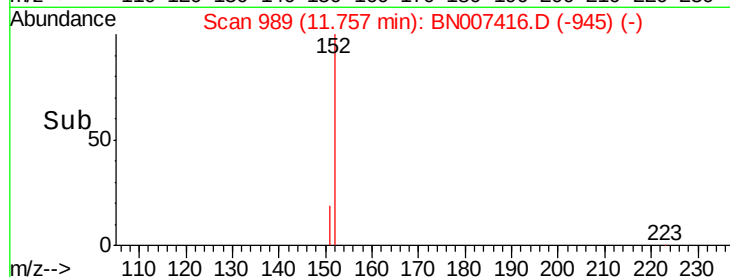
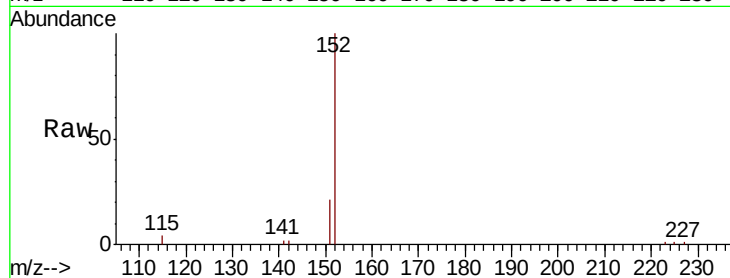
152 100

151 19.8 16.2 24.2

Manual Integrations
APPROVED

JAGRUT

8/30/2019 8:57:13 AM



#12

2-Methylnaphthalene

Concen: 0.622 ng

RT: 11.83 min Scan# 1006

Delta R.T. -0.00 min

Lab File: BN007416.D

Acq: 26 Aug 2019 19:00

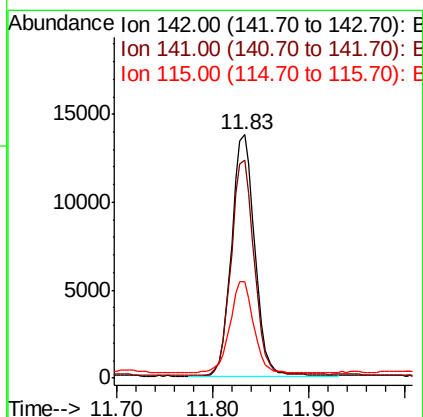
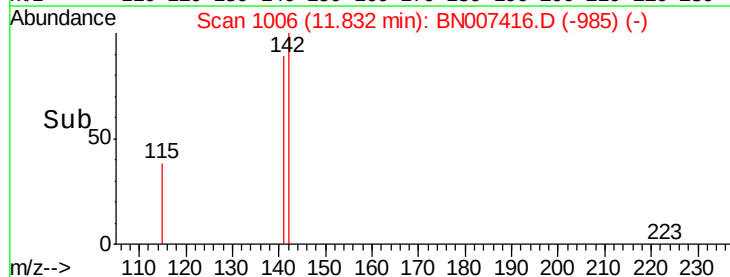
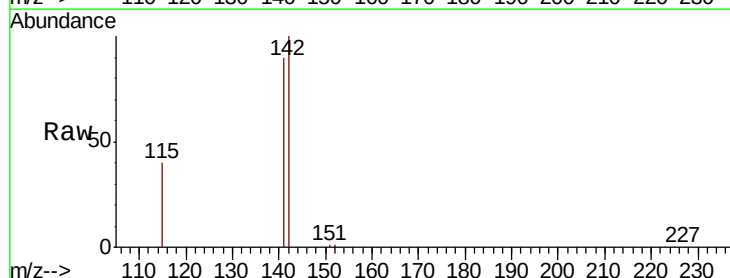
Tgt Ion:142 Resp: 23086

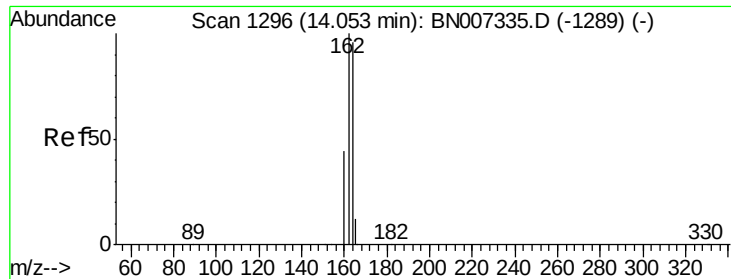
Ion Ratio Lower Upper

142 100

141 89.6 72.8 109.2

115 39.7 35.2 52.8





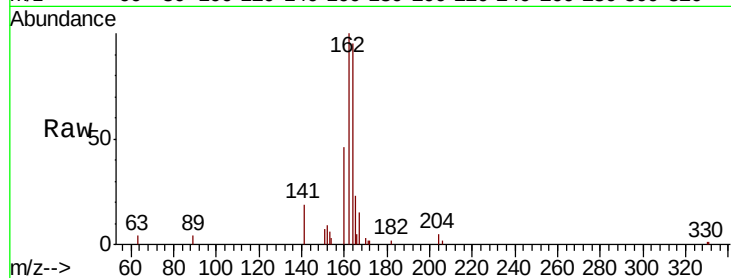
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.04 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BN007416.D
Acq: 26 Aug 2019 19:00

Instrument :
BNA_N
ClientSampleId :
S602-M-1.0-1.5-082319MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.8	83.5	125.3
160	47.8	38.2	57.4

Manual Integrations
APPROVED

JAGRUT
8/30/2019 8:57:13 AM

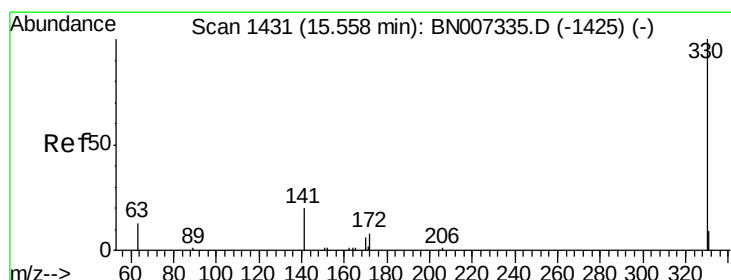
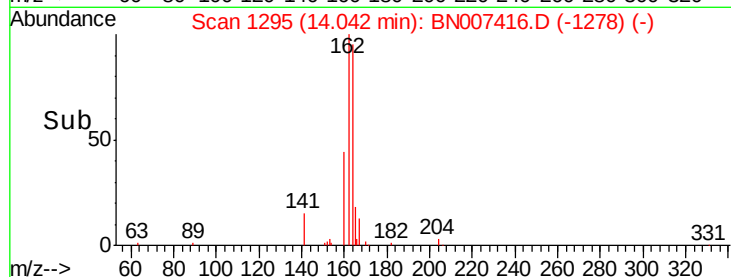
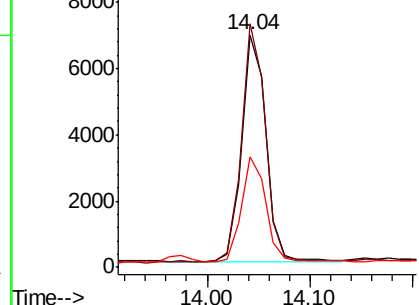


Abundance

Ion 164.00 (163.70 to 164.70): E

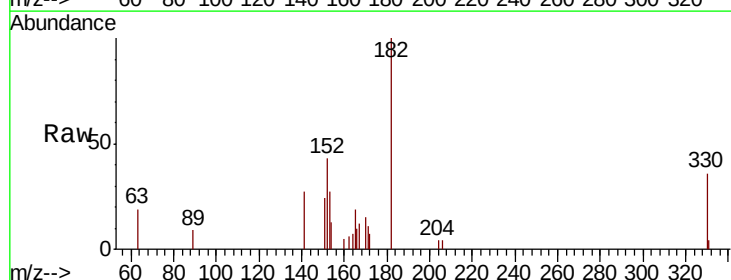
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14
2,4,6-Tribromophenol
Concen: 0.423 ng
RT: 15.55 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BN007416.D
Acq: 26 Aug 2019 19:00

Tgt Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	57.9	26.9	40.3#

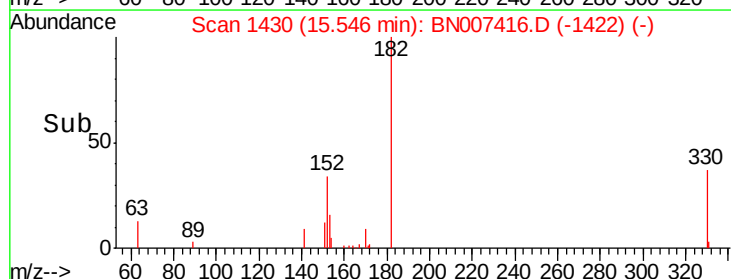
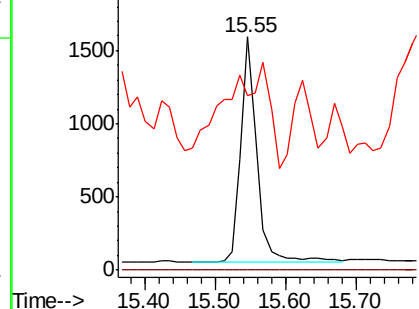


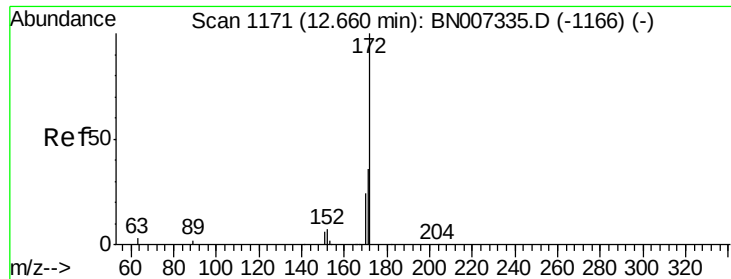
Abundance

Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





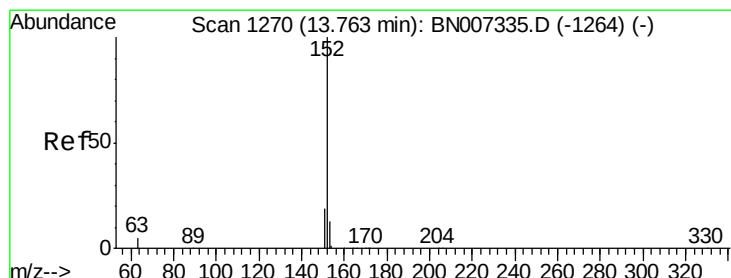
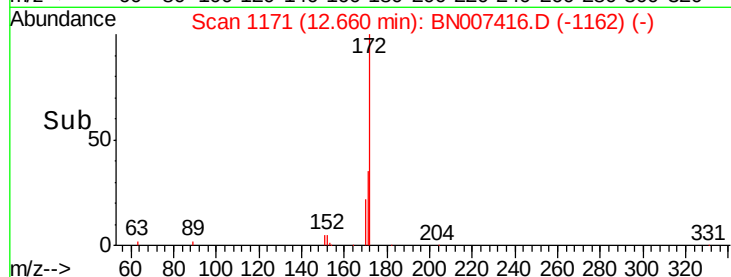
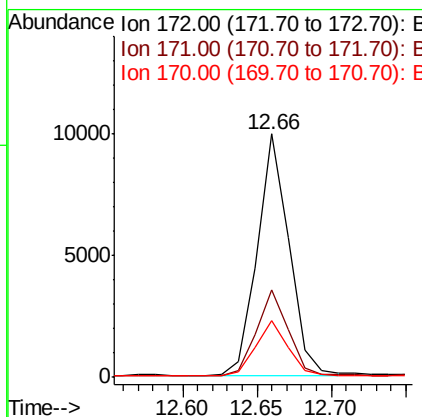
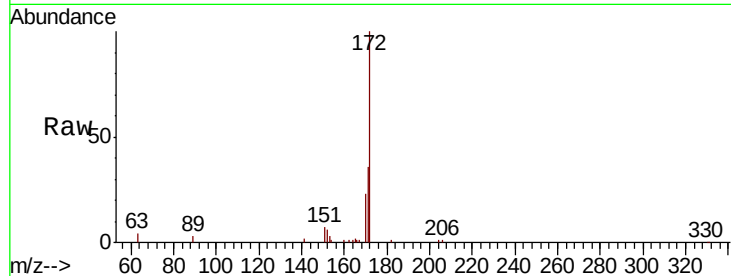
#15
2-Fluorobiphenyl
Concen: 0.327 ng
RT: 12.66 min Scan# 1171
Delta R.T. -0.00 min
Lab File: BN007416.D
Acq: 26 Aug 2019 19:00

Instrument :
BNA_N
ClientSampleId :
S602-M-1.0-1.5-082319MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	30.3	45.5
170	23.2	20.7	31.1

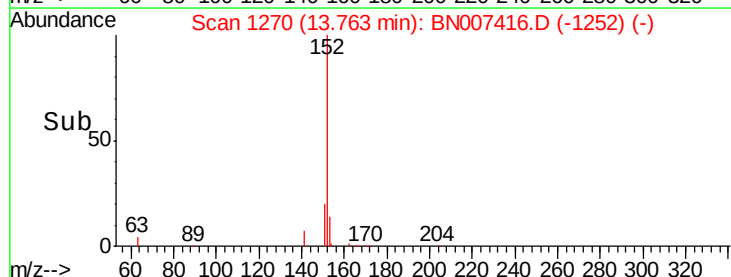
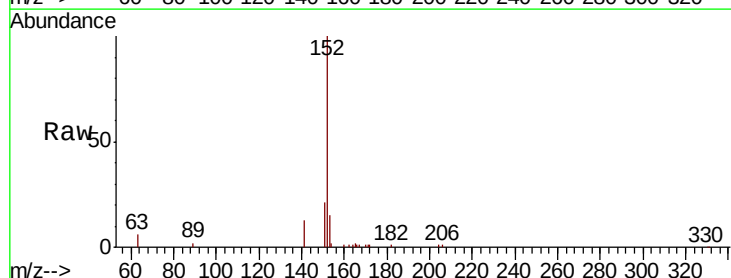
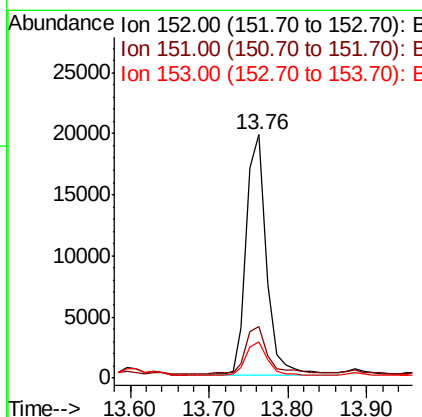
Manual Integrations
APPROVED

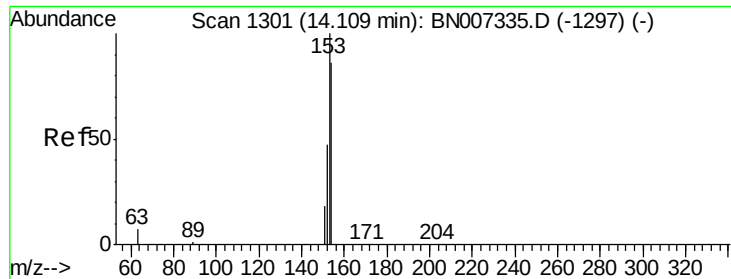
JAGRUT
8/30/2019 8:57:13 AM



#16
Acenaphthylene
Concen: 0.535 ng
RT: 13.76 min Scan# 1270
Delta R.T. -0.00 min
Lab File: BN007416.D
Acq: 26 Aug 2019 19:00

Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.2	16.1	24.1
153	15.1	10.6	15.8





#17

Acenaphthene

Concen: 1.155 ng

RT: 14.11 min Scan# 1301

Delta R.T. -0.00 min

Lab File: BN007416.D

Acq: 26 Aug 2019 19:00

Instrument :

BNA_N

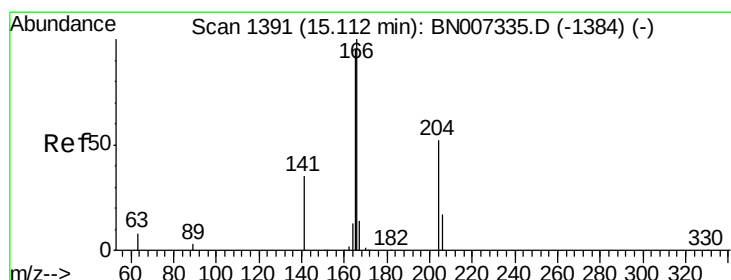
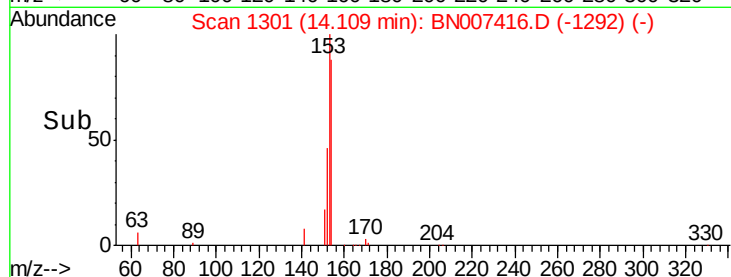
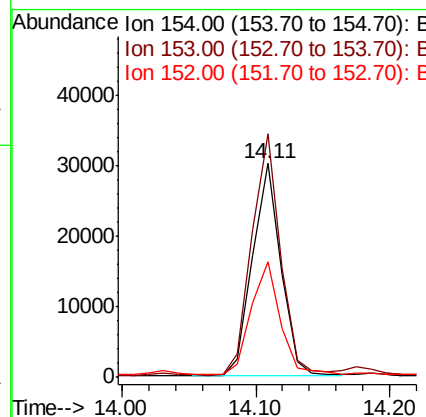
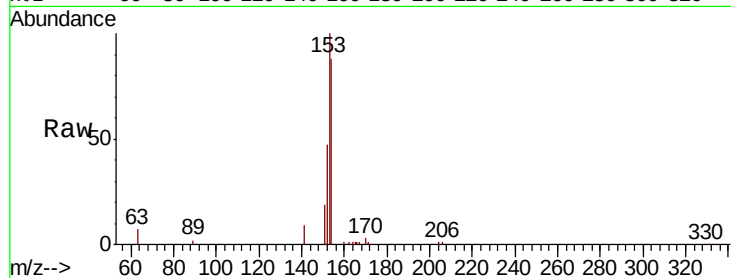
ClientSampleId :

S602-M-1.0-1.5-082319MS

Tot Ion:	154	Resp:	44666
Ion Ratio	Lower	Upper	
154	100		
153	114.3	92.8	139.2
152	53.2	43.8	65.8

Manual Integrations
APPROVED

JAGRUT
8/30/2019 8:57:13 AM



#18

Fluorene

Concen: 1.142 ng

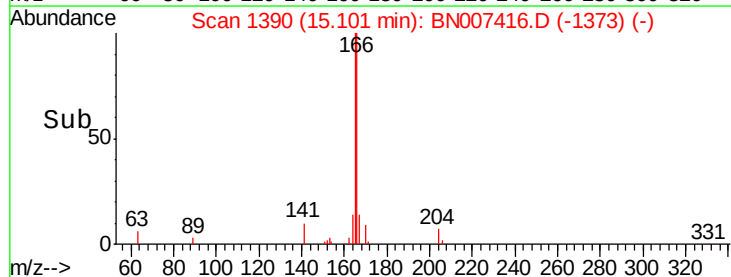
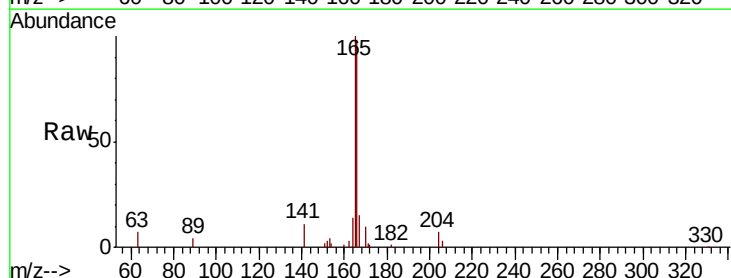
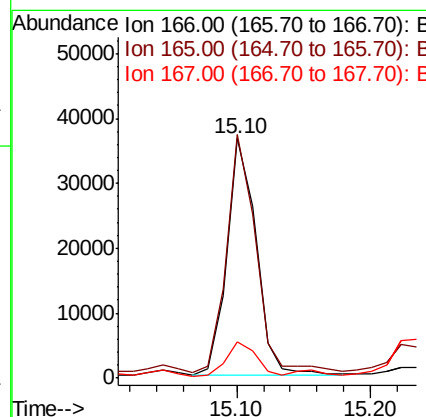
RT: 15.10 min Scan# 1390

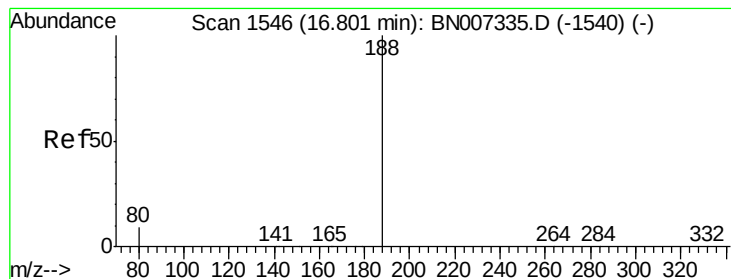
Delta R.T. -0.01 min

Lab File: BN007416.D

Acq: 26 Aug 2019 19:00

Tgt Ion:	166	Resp:	55868
Ion Ratio	Lower	Upper	
166	100		
165	100.8	79.0	118.4
167	14.7	10.6	15.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.80 min Scan# 1546

Delta R.T. -0.00 min

Lab File: BN007416.D

Acq: 26 Aug 2019 19:00

Instrument :

BNA_N

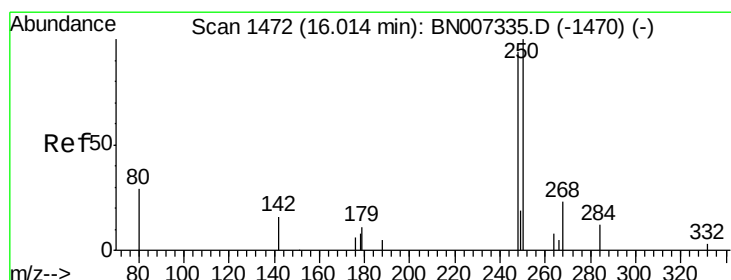
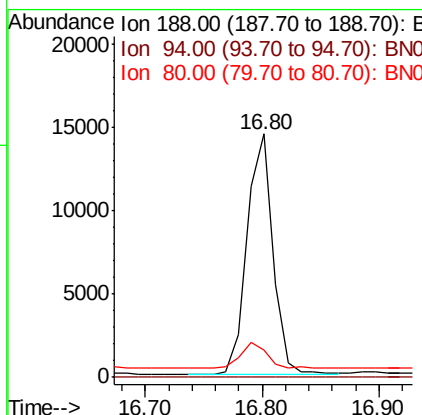
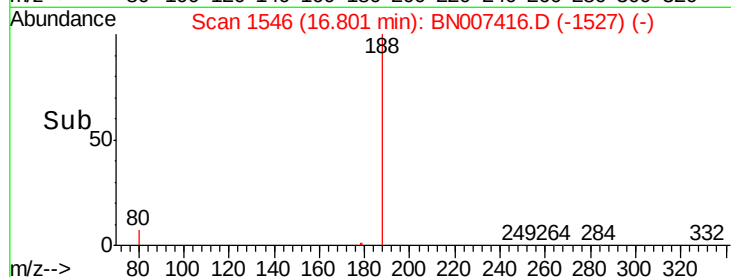
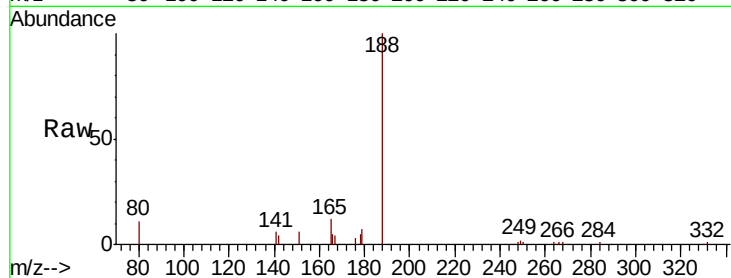
ClientSampleId :

S602-M-1.0-1.5-082319MS

Tot Ion:	188	Resp:	21875
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	11.2	11.8	17.8#

Manual Integrations
APPROVED

JAGRUT
8/30/2019 8:57:13 AM



#20

4-Bromophenyl-phenylether

Concen: 0.196 ng

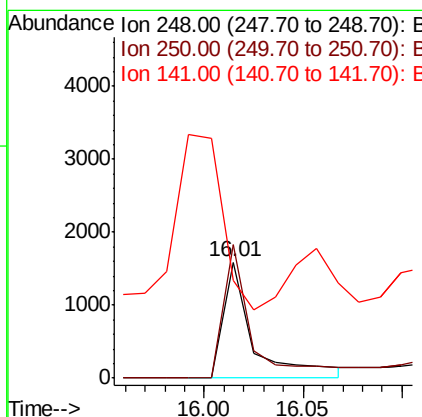
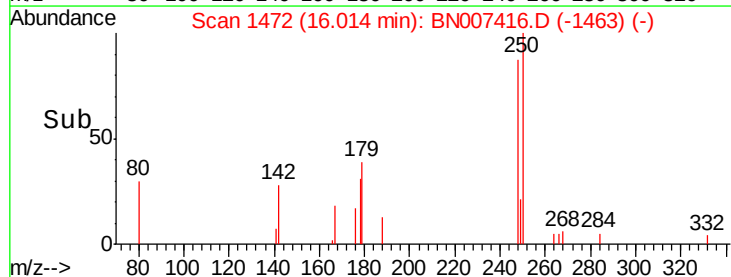
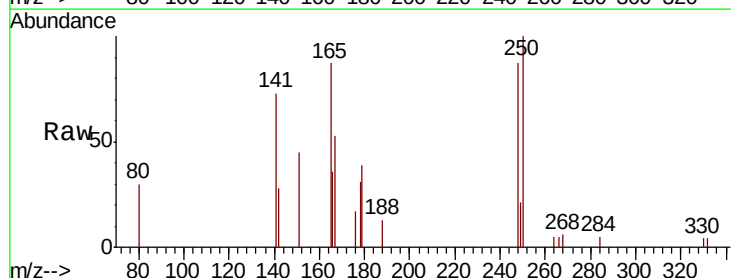
RT: 16.01 min Scan# 1472

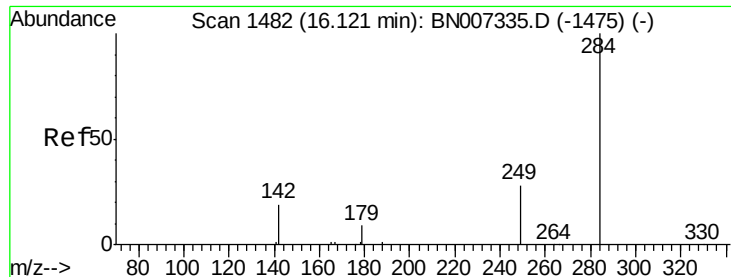
Delta R.T. 0.00 min

Lab File: BN007416.D

Acq: 26 Aug 2019 19:00

Tgt Ion:	248	Resp:	1695
Ion Ratio	Lower	Upper	
248	100		
250	114.9	85.0	127.6
141	84.2	51.7	77.5#





#21

Hexachlorobenzene

Concen: 0.367 ng

RT: 16.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: BN007416.D

Acq: 26 Aug 2019 19:00

Instrument :

BNA_N

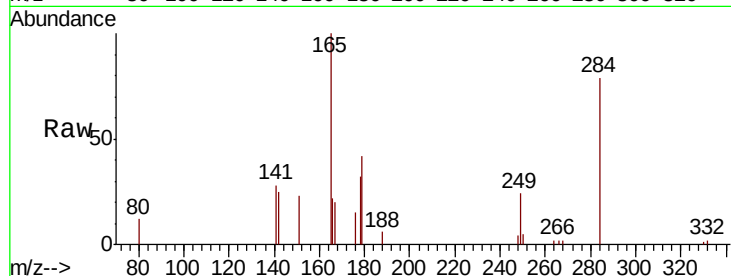
ClientSampleId :

S602-M-1.0-1.5-082319MS

Tot Ion:	284	Resp:	5381
Ion Ratio	Lower	Upper	
284	100		
142	37.7	29.0	43.6
249	31.1	24.9	37.3

Manual Integrations
APPROVED

JAGRUT
8/30/2019 8:57:13 AM

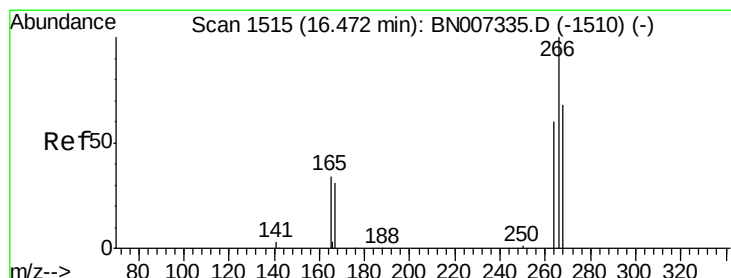
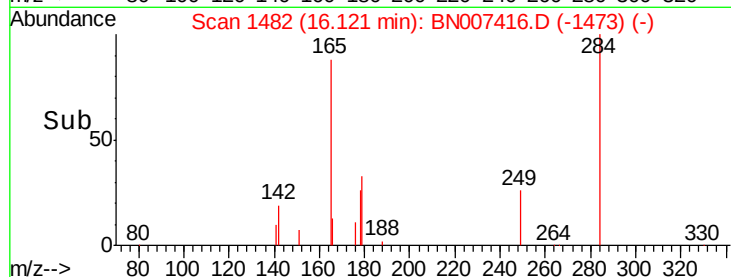
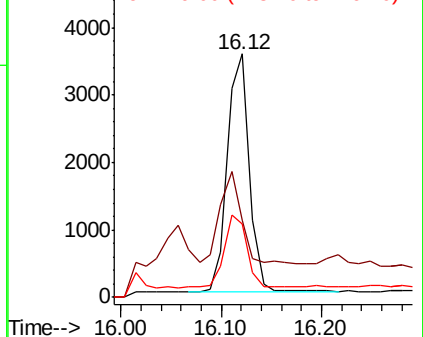


Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.790 ng

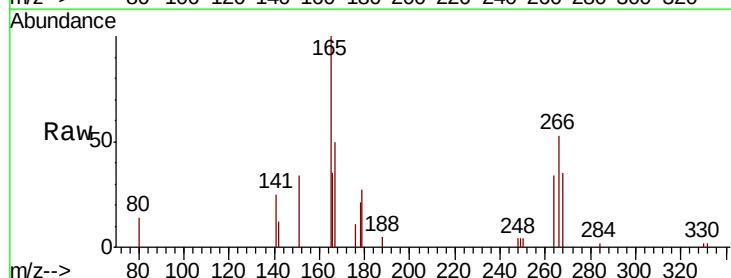
RT: 16.46 min Scan# 1514

Delta R.T. -0.01 min

Lab File: BN007416.D

Acq: 26 Aug 2019 19:00

Tgt Ion:	266	Resp:	3598
Ion Ratio	Lower	Upper	
266	100		
264	63.9	57.8	86.8
268	65.6	99.7	149.5#

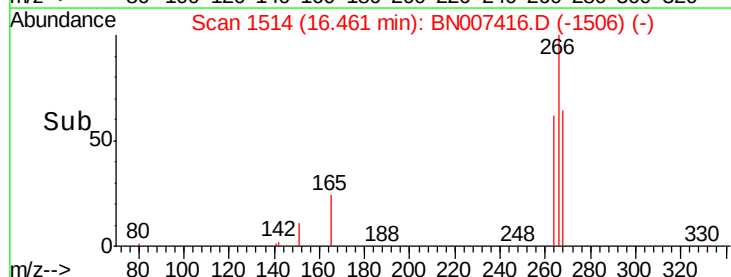
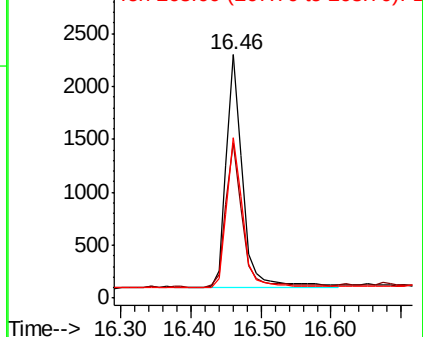


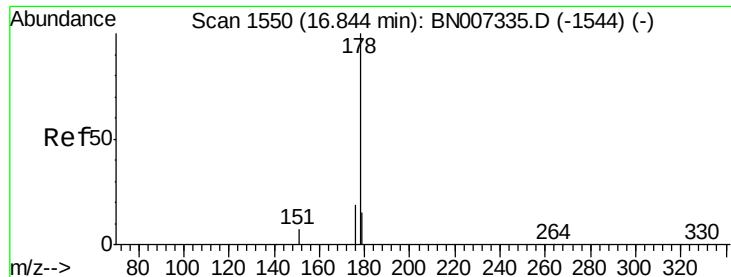
Abundance

Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 9.170 ng

RT: 16.84 min Scan# 1550

Delta R.T. -0.00 min

Lab File: BN007416.D

Acq: 26 Aug 2019 19:00

Instrument :

BNA_N

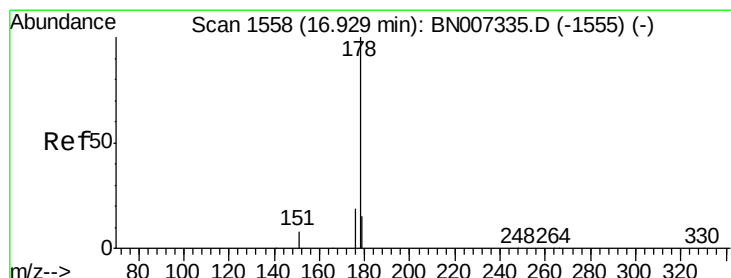
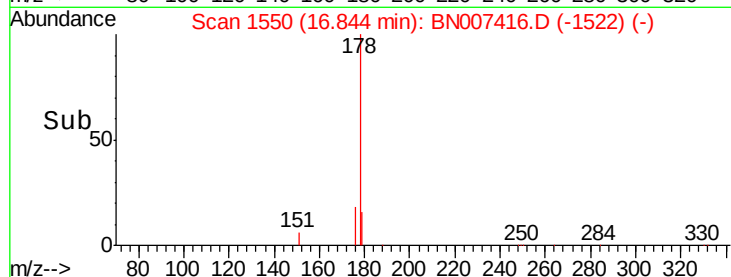
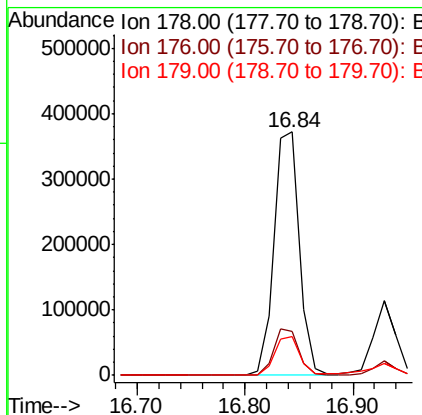
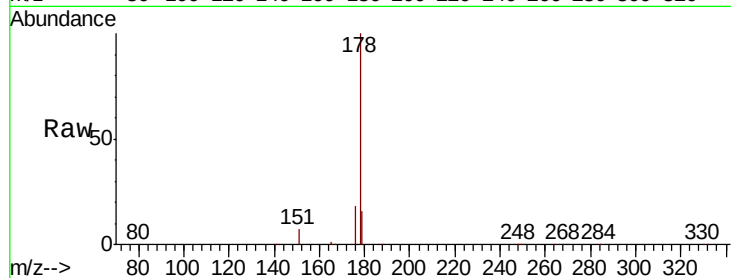
ClientSampleId :

S602-M-1.0-1.5-082319MS

Tot Ion:	178	Resp:	603366
Ion Ratio	Lower	Upper	
178	100		
176	18.7	15.3	22.9
179	15.7	12.6	19.0

Manual Integrations
APPROVED

JAGRUT
8/30/2019 8:57:13 AM



#24

Anthracene

Concen: 2.325 ng

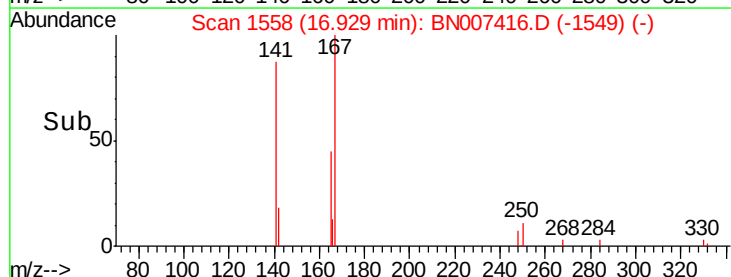
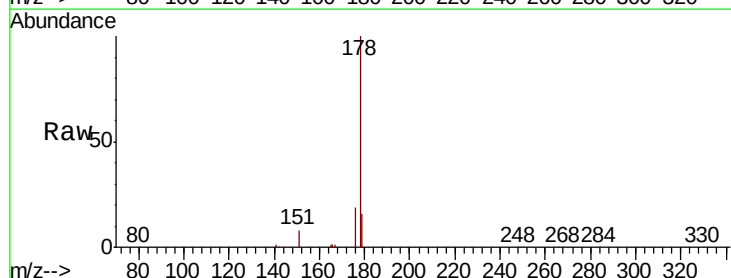
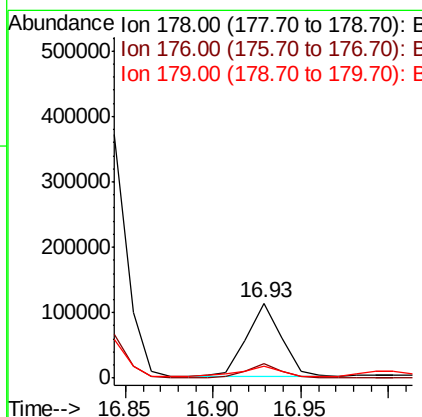
RT: 16.93 min Scan# 1558

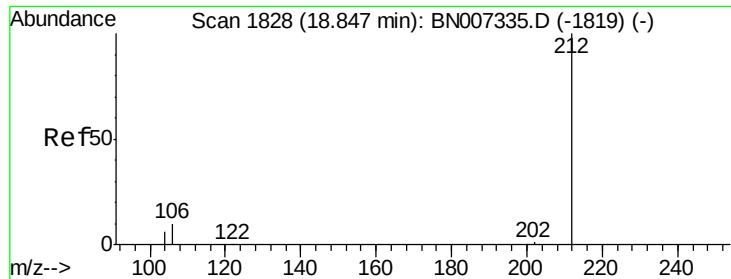
Delta R.T. -0.00 min

Lab File: BN007416.D

Acq: 26 Aug 2019 19:00

Tgt Ion:	178	Resp:	153899
Ion Ratio	Lower	Upper	
178	100		
176	18.4	14.9	22.3
179	18.5	12.4	18.6





#25

Fluoranthene-d10

Concen: 0.385 ng

RT: 18.84 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BN007416.D

Acq: 26 Aug 2019 19:00

Instrument :

BNA_N

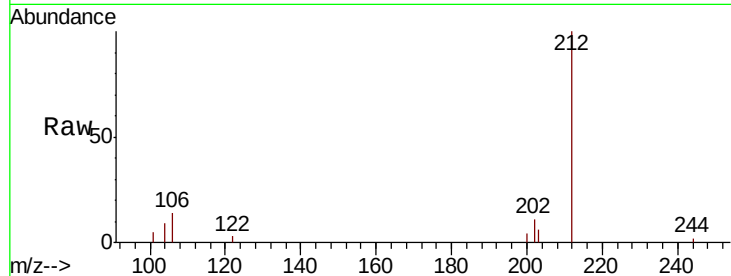
ClientSampleId :

S602-M-1.0-1.5-082319MS

Tot Ion:	212	Resp:	27141
Ion Ratio	Lower	Upper	
212	100		
106	11.4	9.0	13.4
104	7.3	5.4	8.2

Manual Integrations
APPROVED

JAGRUT
8/30/2019 8:57:13 AM

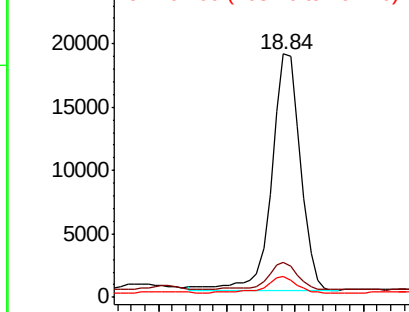


Abundance

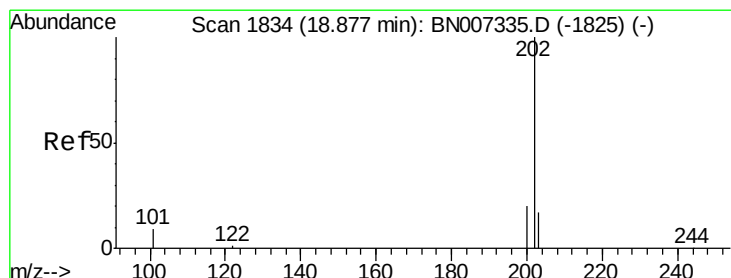
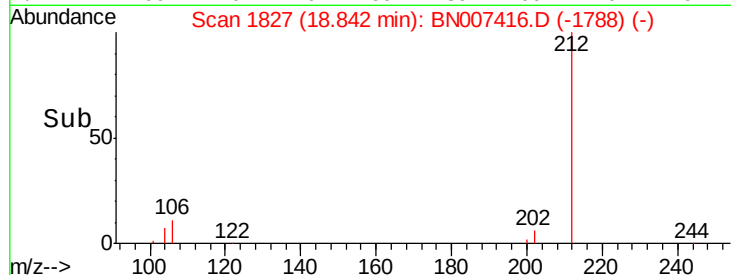
Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->



#26

Fluoranthene

Concen: 22.548 ng

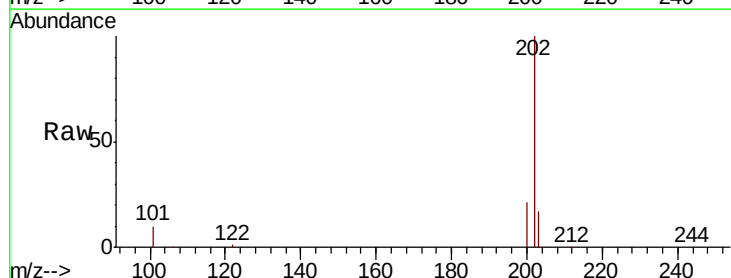
RT: 18.87 min Scan# 1833

Delta R.T. -0.00 min

Lab File: BN007416.D

Acq: 26 Aug 2019 19:00

Tgt Ion:	202	Resp:	1904942
Ion Ratio	Lower	Upper	
202	100		
101	9.7	7.7	11.5
203	17.5	13.7	20.5

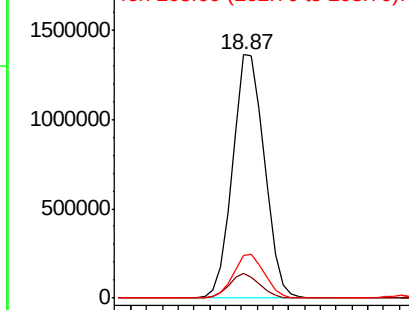


Abundance

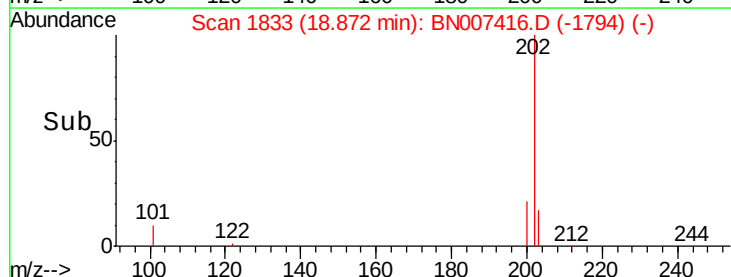
Ion 202.00 (201.70 to 202.70): E

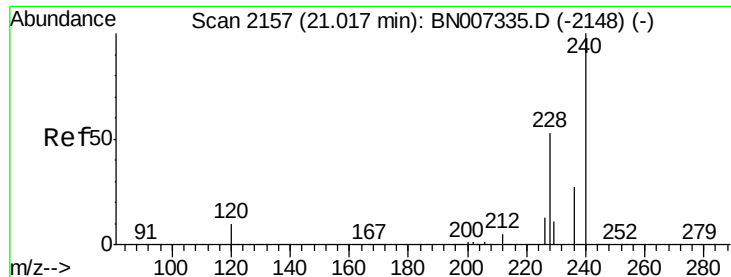
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.02 min Scan# 2157

Delta R.T. -0.00 min

Lab File: BN007416.D

Acq: 26 Aug 2019 19:00

Instrument :

BNA_N

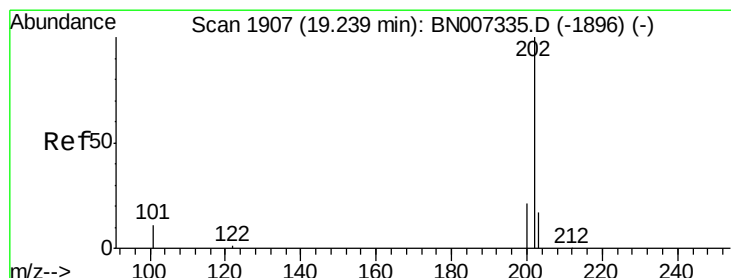
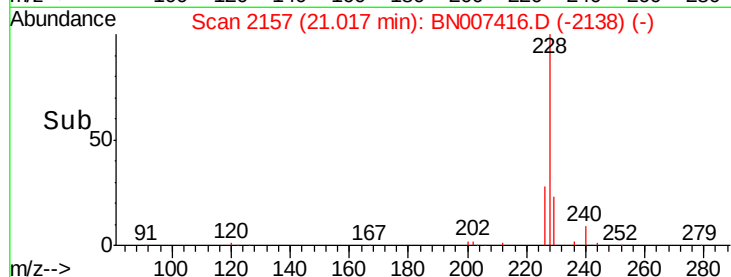
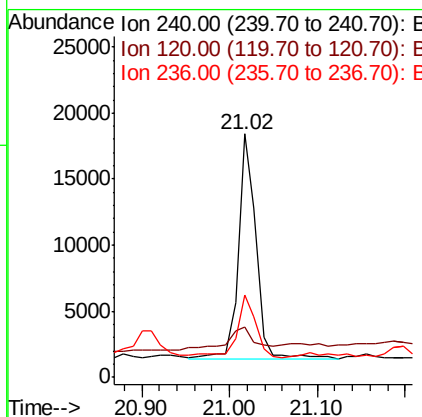
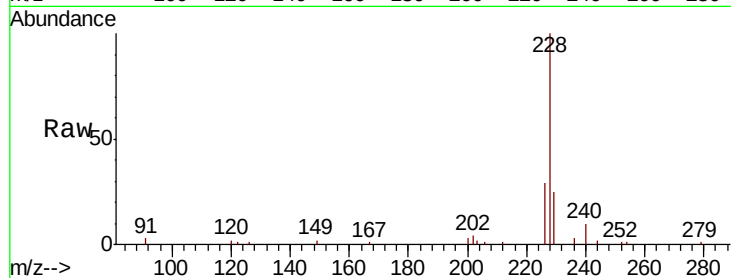
ClientSampleId :

S602-M-1.0-1.5-082319MS

Tot Ion:	240	Resp:	23662
Ion Ratio	Lower	Upper	
240	100		
120	20.5	9.6	14.4#
236	33.6	22.2	33.2#

Manual Integrations
APPROVED

JAGRUT
8/30/2019 8:57:13 AM



#28

Pyrene

Concen: 16.747 ng

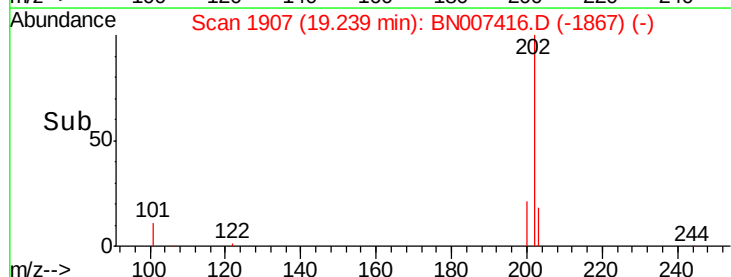
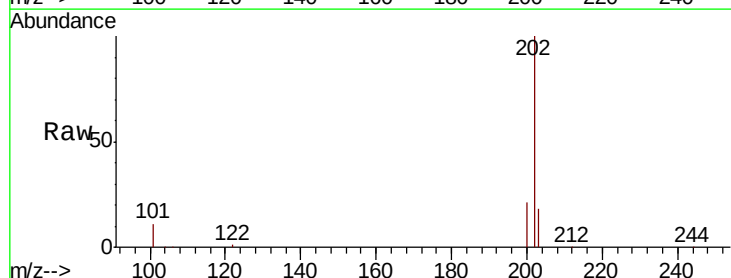
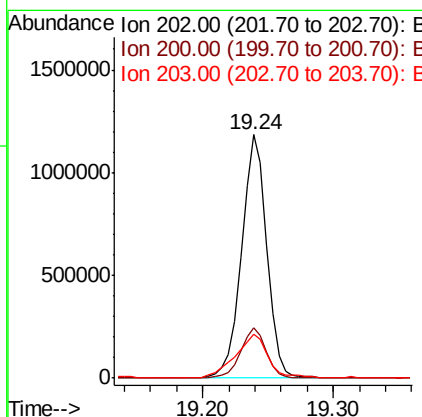
RT: 19.24 min Scan# 1907

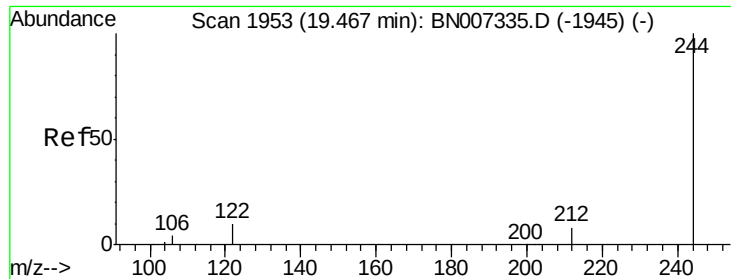
Delta R.T. -0.00 min

Lab File: BN007416.D

Acq: 26 Aug 2019 19:00

Tgt Ion:	202	Resp:	1594037
Ion Ratio	Lower	Upper	
202	100		
200	20.8	16.6	25.0
203	23.1	14.2	21.4#





#29

Terphenyl-d14

Concen: 0.321 ng

RT: 19.46 min Scan# 1952

Delta R.T. -0.01 min

Lab File: BN007416.D

Acq: 26 Aug 2019 19:00

Instrument :

BNA_N

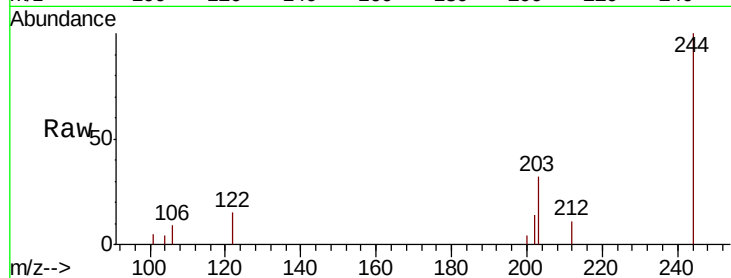
ClientSampleId :

S602-M-1.0-1.5-082319MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	11.1	7.0	10.6#
122	14.9	9.6	14.4#

Manual Integrations
APPROVED

JAGRUT
8/30/2019 8:57:13 AM

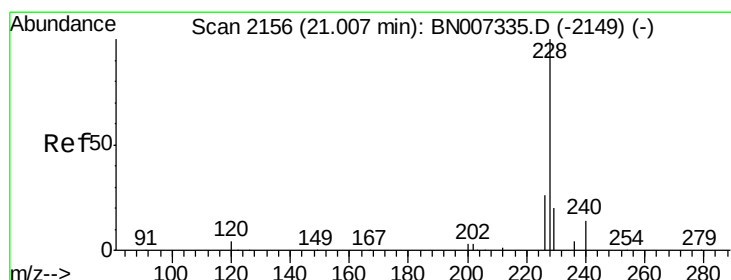
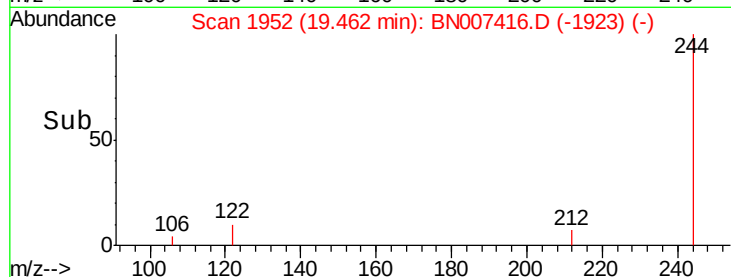
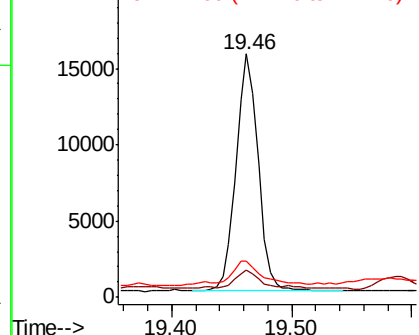


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 9.721 ng

RT: 21.01 min Scan# 2156

Delta R.T. -0.00 min

Lab File: BN007416.D

Acq: 26 Aug 2019 19:00

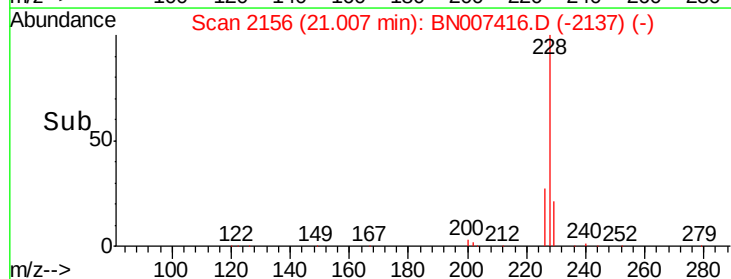
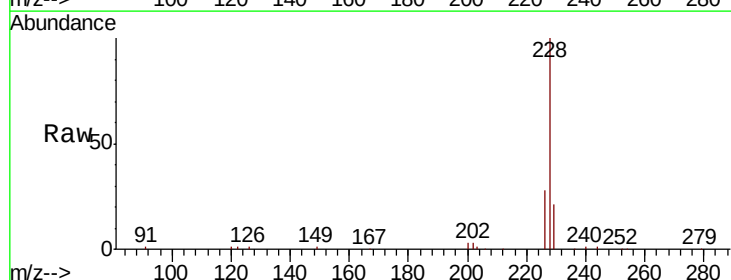
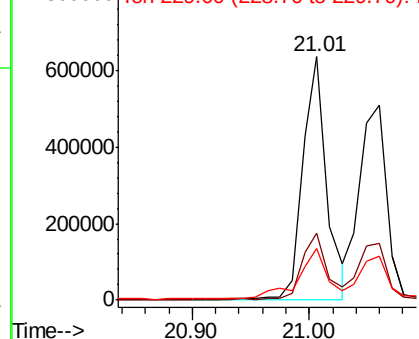
Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.3	31.9
229	21.1	16.1	24.1

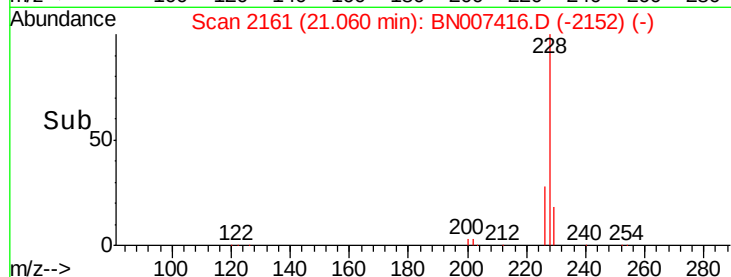
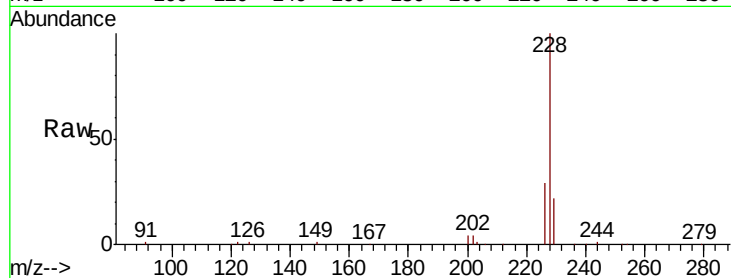
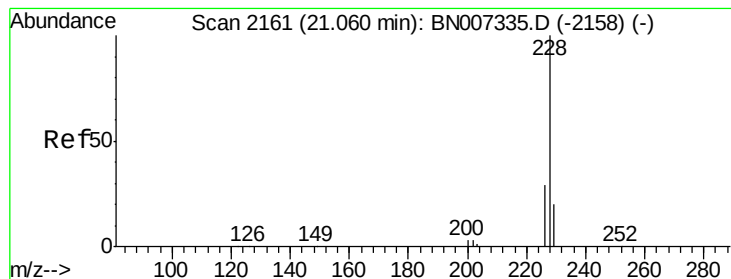
Abundance

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





#31

Chrysene

Concen: 8.993 ng

RT: 21.06 min Scan# 2161

Delta R.T. -0.00 min

Lab File: BN007416.D

Acq: 26 Aug 2019 19:00

Tot Ion:	228	Resp:	806652
Ion Ratio	Lower	Upper	
228	100		
226	28.7	23.5	35.3
229	22.4	16.6	24.8

Instrument :

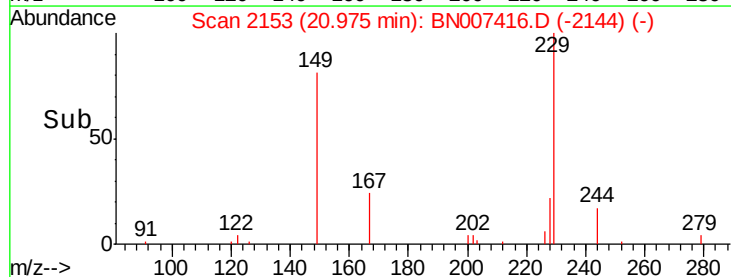
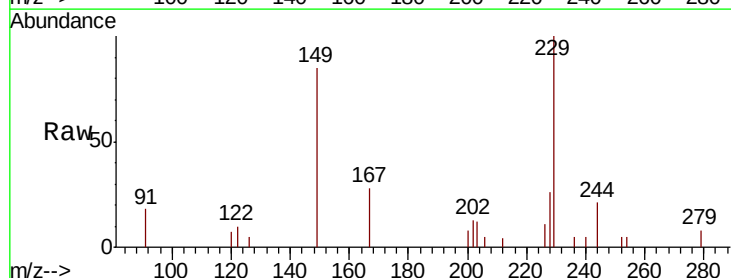
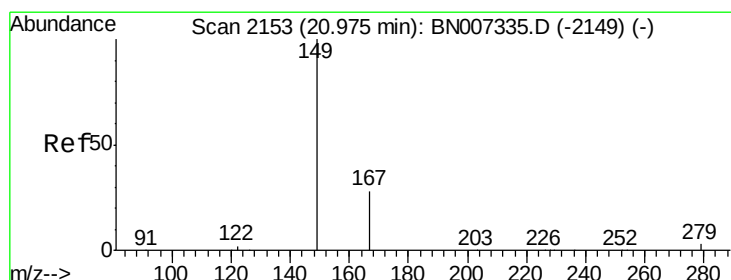
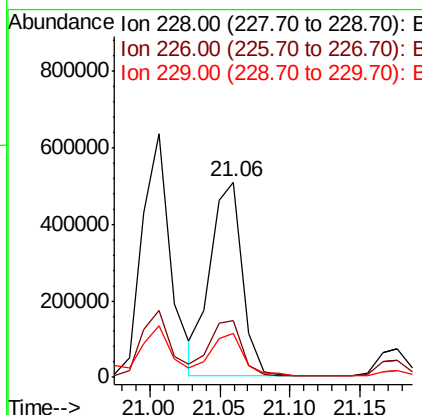
BNA_N

ClientSampleId :

S602-M-1.0-1.5-082319MS

Manual Integrations
APPROVED

JAGRUT
8/30/2019 8:57:13 AM



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.567 ng

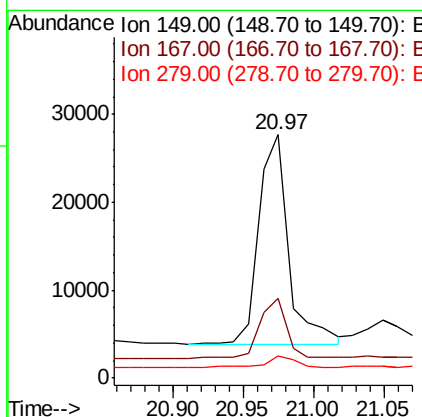
RT: 20.97 min Scan# 2153

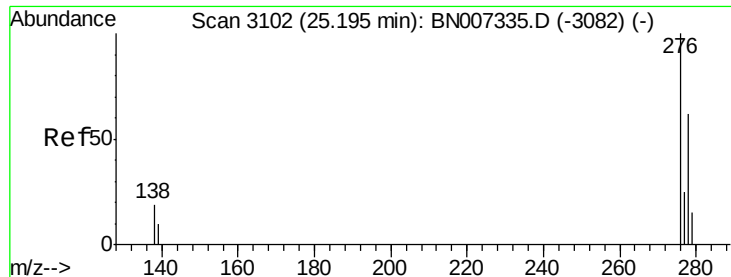
Delta R.T. 0.00 min

Lab File: BN007416.D

Acq: 26 Aug 2019 19:00

Tgt Ion:	149	Resp:	35250
Ion Ratio	Lower	Upper	
149	100		
167	25.7	22.8	34.2
279	5.0	3.5	5.3





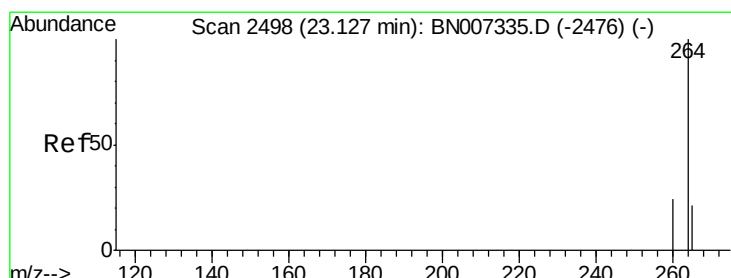
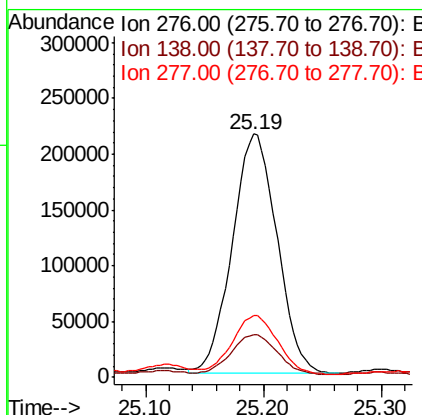
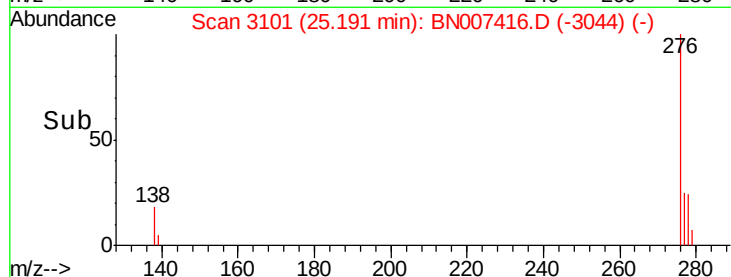
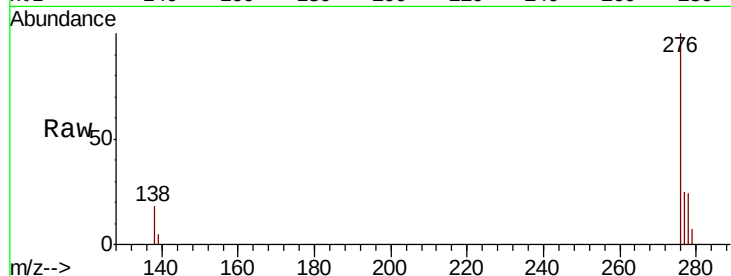
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 5.223 ng
 RT: 25.19 min Scan# 3101
 Delta R.T. -0.00 min
 Lab File: BN007416.D
 Acq: 26 Aug 2019 19:00

Instrument :
 BNA_N
 ClientSampleId :
 S602-M-1.0-1.5-082319MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.1	15.1	22.7
277	24.7	19.7	29.5

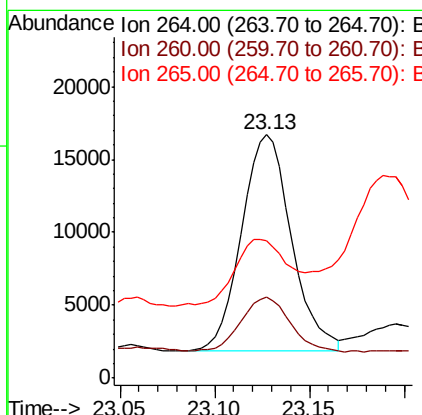
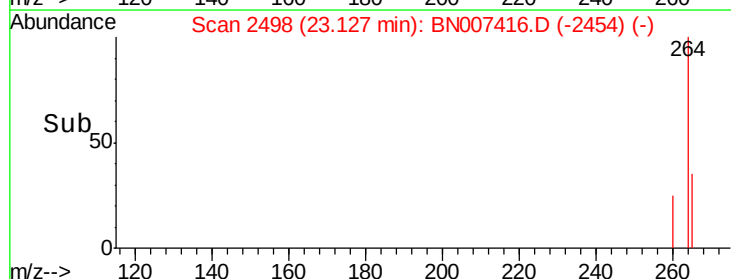
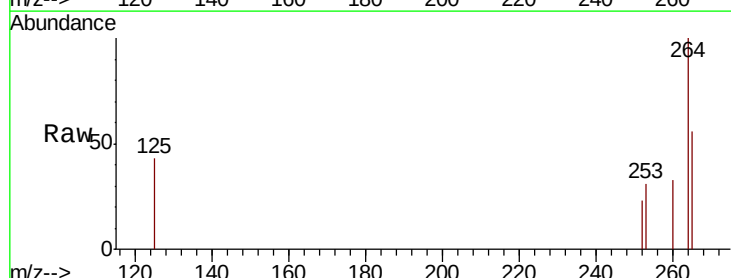
Manual Integrations
 APPROVED

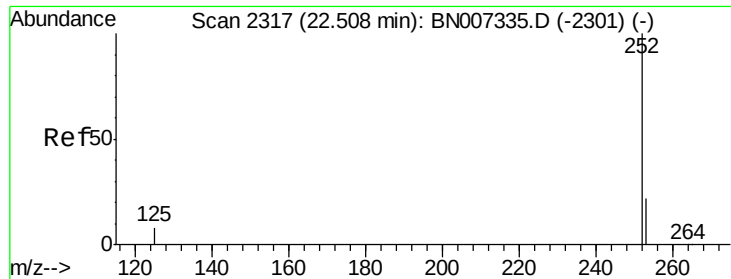
JAGRUT
 8/30/2019 8:57:13 AM



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.13 min Scan# 2498
 Delta R.T. -0.00 min
 Lab File: BN007416.D
 Acq: 26 Aug 2019 19:00

Tgt Ion	Ratio	Lower	Upper
264	100		
260	33.2	19.7	29.5#
265	56.4	29.9	44.9#





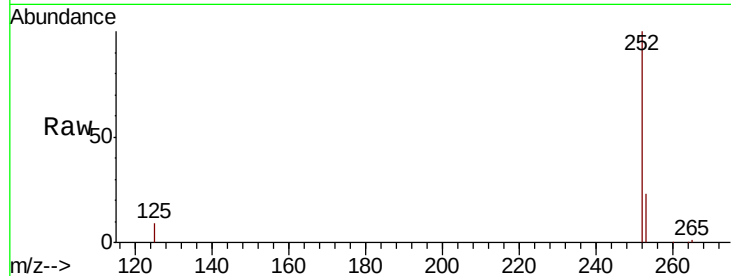
#35
Benzo(b)fluoranthene
Concen: 11.073 ng
RT: 22.51 min Scan# 2318
Delta R.T. 0.00 min
Lab File: BN007416.D
Acq: 26 Aug 2019 19:00

Instrument :
BNA_N
ClientSampleId :
S602-M-1.0-1.5-082319MS

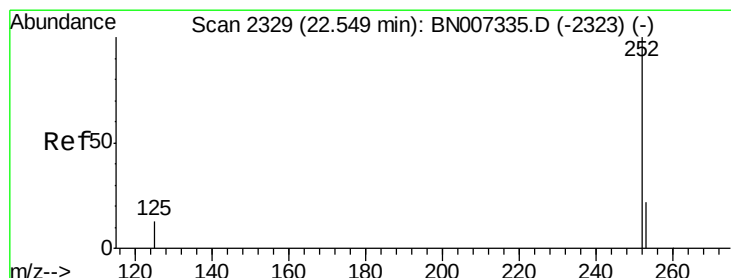
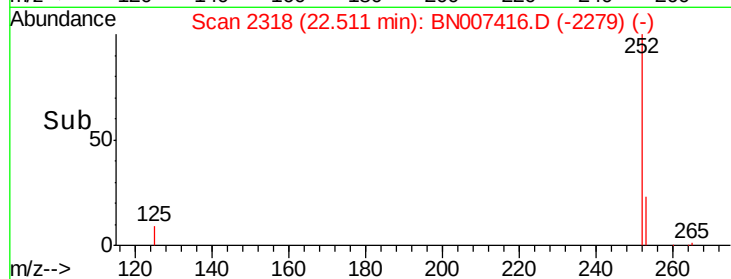
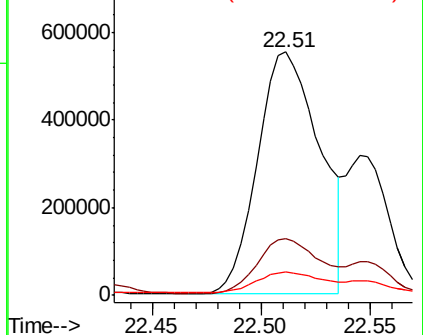
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	19.2	28.8
125	9.4	10.6	16.0

Manual Integrations
APPROVED

JAGRUT
8/30/2019 8:57:13 AM



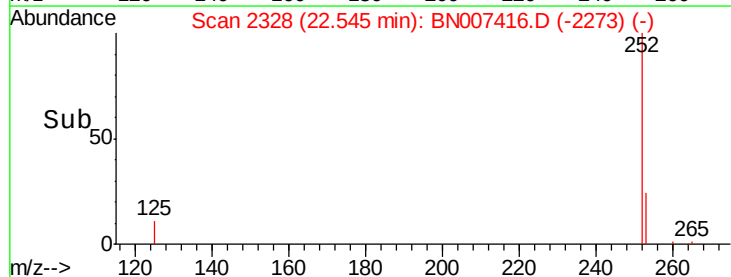
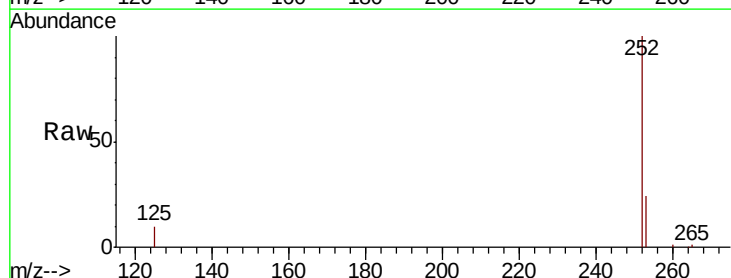
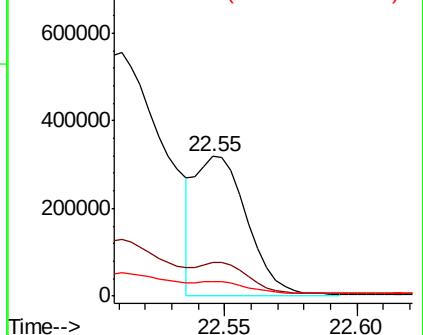
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

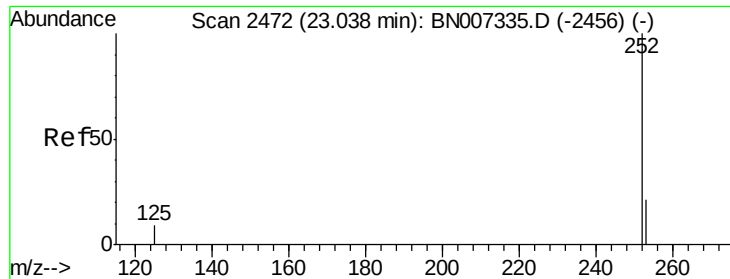


#36
Benzo(k)fluoranthene
Concen: 4.534 ng m
RT: 22.55 min Scan# 2328
Delta R.T. -0.00 min
Lab File: BN007416.D
Acq: 26 Aug 2019 19:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	19.4	29.2
125	10.4	13.1	19.7

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





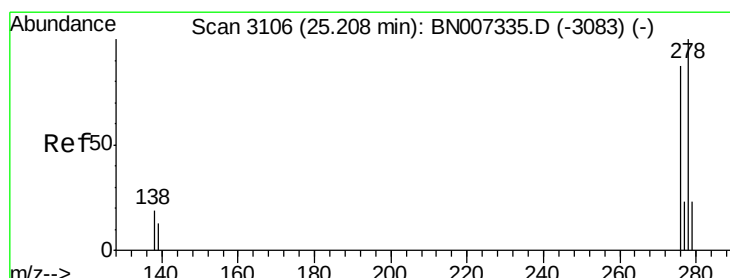
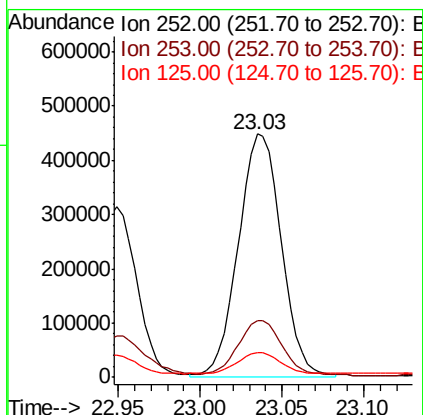
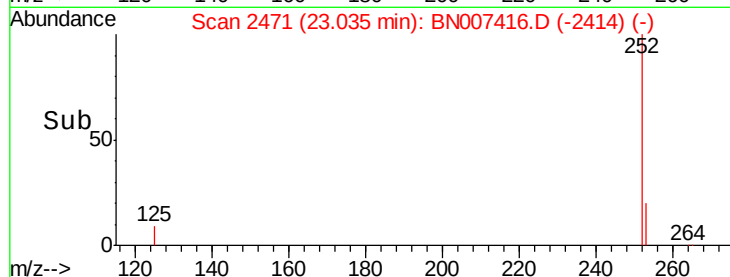
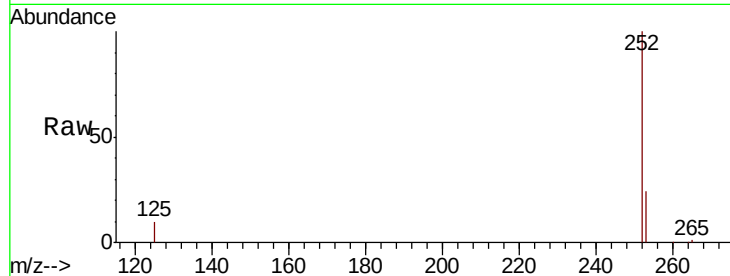
#37
Benzo(a)pyrene
Concen: 8.727 ng m
RT: 23.03 min Scan# 2471
Delta R.T. -0.00 min
Lab File: BN007416.D
Acq: 26 Aug 2019 19:00

Instrument :
BNA_N
ClientSampleId :
S602-M-1.0-1.5-082319MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	19.5	29.3
125	10.2	12.1	18.1

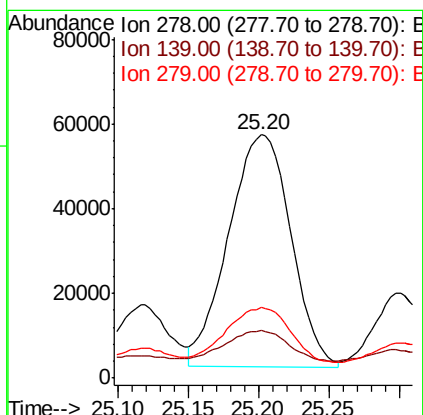
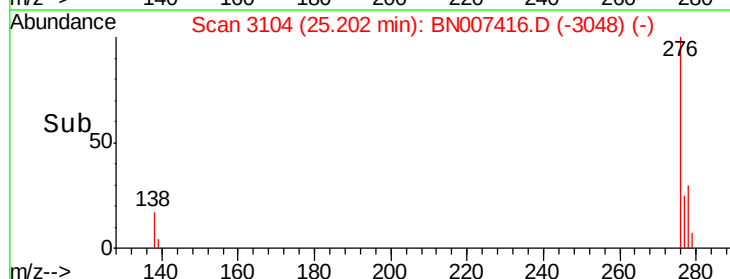
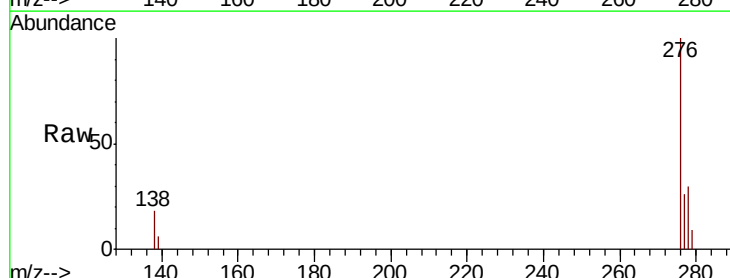
Manual Integrations
APPROVED

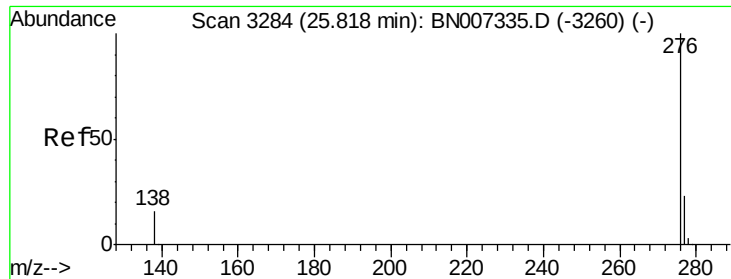
JAGRUT
8/30/2019 8:57:13 AM



#38
Dibenzo(a,h)anthracene
Concen: 1.803 ng
RT: 25.20 min Scan# 3104
Delta R.T. -0.01 min
Lab File: BN007416.D
Acq: 26 Aug 2019 19:00

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.7	13.7	20.5
279	29.0	20.2	30.4





#39

Benzo(a,h,i)perylene

Concen: 5.741 ng

RT: 25.82 min Scan# 3285

Delta R.T. 0.00 min

Lab File: BN007416.D

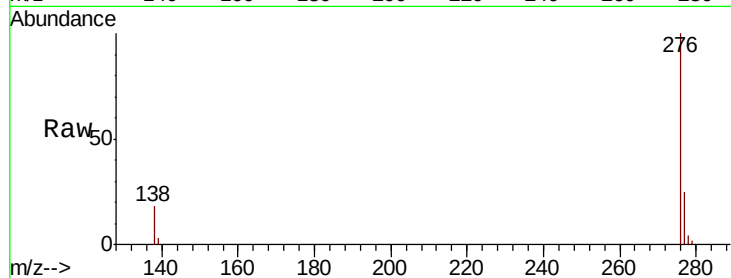
Acq: 26 Aug 2019 19:00

Instrument :

BNA_N

ClientSampleId :

S602-M-1.0-1.5-082319MS



Tot Ion	Ratio	Lower	Upper
276	100		
277	24.9	19.6	29.4
138	17.9	16.3	24.5

Manual Integrations
APPROVED

JAGRUT
8/30/2019 8:57:13 AM

