

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082919\
 Data File : BN007494.D
 Acq On : 29 Aug 2019 09:21
 Operator : HP/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Manual Integrations
 APPROVED

JAGRUT
 8/30/2019 8:57:54 AM

Quant Time: Aug 29 12:16:52 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	4777	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	22811	0.40	ng	-0.01
13) Acenaphthene-d10	14.05	164	14637	0.40	ng	0.00
19) Phenanthrene-d10	16.79	188	35396	0.40	ng	0.00
27) Chrysene-d12	21.02	240	36577	0.40	ng	0.00
34) Perylene-d12	23.12	264	32389	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.03	112	5569	0.33	ng	0.00
5) Phenol-d6	6.59	99	7410	0.35	ng	0.00
8) Nitrobenzene-d5	8.53	82	7017	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	11.75	152	15887	0.42	ng	0.00
14) 2,4,6-Tribromophenol	15.55	330	3093	0.40	ng	0.00
15) 2-Fluorobiphenyl	12.65	172	21879	0.37	ng	0.00
25) Fluoranthene-d10	18.84	212	45734	0.40	ng	0.00
29) Terphenyl-d14	19.46	244	36835	0.38	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.00	88	2803	0.353	ng	# 78
3) n-Nitrosodimethylamine	3.33	42	1006	0.273	ng	# 83
6) bis(2-Chloroethyl)ether	6.84	93	6655	0.386	ng	99
9) Naphthalene	10.20	128	25633	0.393	ng	# 90
10) Hexachlorobutadiene	10.51	225	4776	0.358	ng	# 100
12) 2-Methylnaphthalene	11.83	142	18727	0.422	ng	95
16) Acenaphthylene	13.76	152	30899	0.357	ng	99
17) Acenaphthene	14.10	154	19823	0.391	ng	98
18) Fluorene	15.10	166	25697	0.401	ng	99
20) 4-Bromophenyl-phenylether	16.01	248	4415	0.316	ng	# 93
21) Hexachlorobenzene	16.11	284	10048	0.424	ng	95
22) Pentachlorophenol	16.46	266	2265	0.307	ng	# 64
23) Phenanthrene	16.84	178	43626	0.410	ng	99
24) Anthracene	16.93	178	40196	0.375	ng	99
26) Fluoranthene	18.87	202	56090	0.410	ng	99
28) Pyrene	19.24	202	56764	0.386	ng	99
30) Benzo(a)anthracene	21.00	228	51642	0.360	ng	99
31) Chrysene	21.06	228	54377	0.392	ng	98
32) Bis(2-ethylhexyl)phthalate	20.96	149	30112	0.305	ng	99
33) Indeno(1,2,3-cd)pyrene	25.20	276	46859	0.281	ng	98
35) Benzo(b)fluoranthene	22.51	252	49010m	0.418	ng	
36) Benzo(k)fluoranthene	22.54	252	48753	0.420	ng	# 95
37) Benzo(a)pyrene	23.04	252	42420	0.380	ng	# 96
38) Dibenzo(a,h)anthracene	25.21	278	37154	0.333	ng	98
39) Benzo(g,h,i)perylene	25.81	276	38330	0.345	ng	99

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

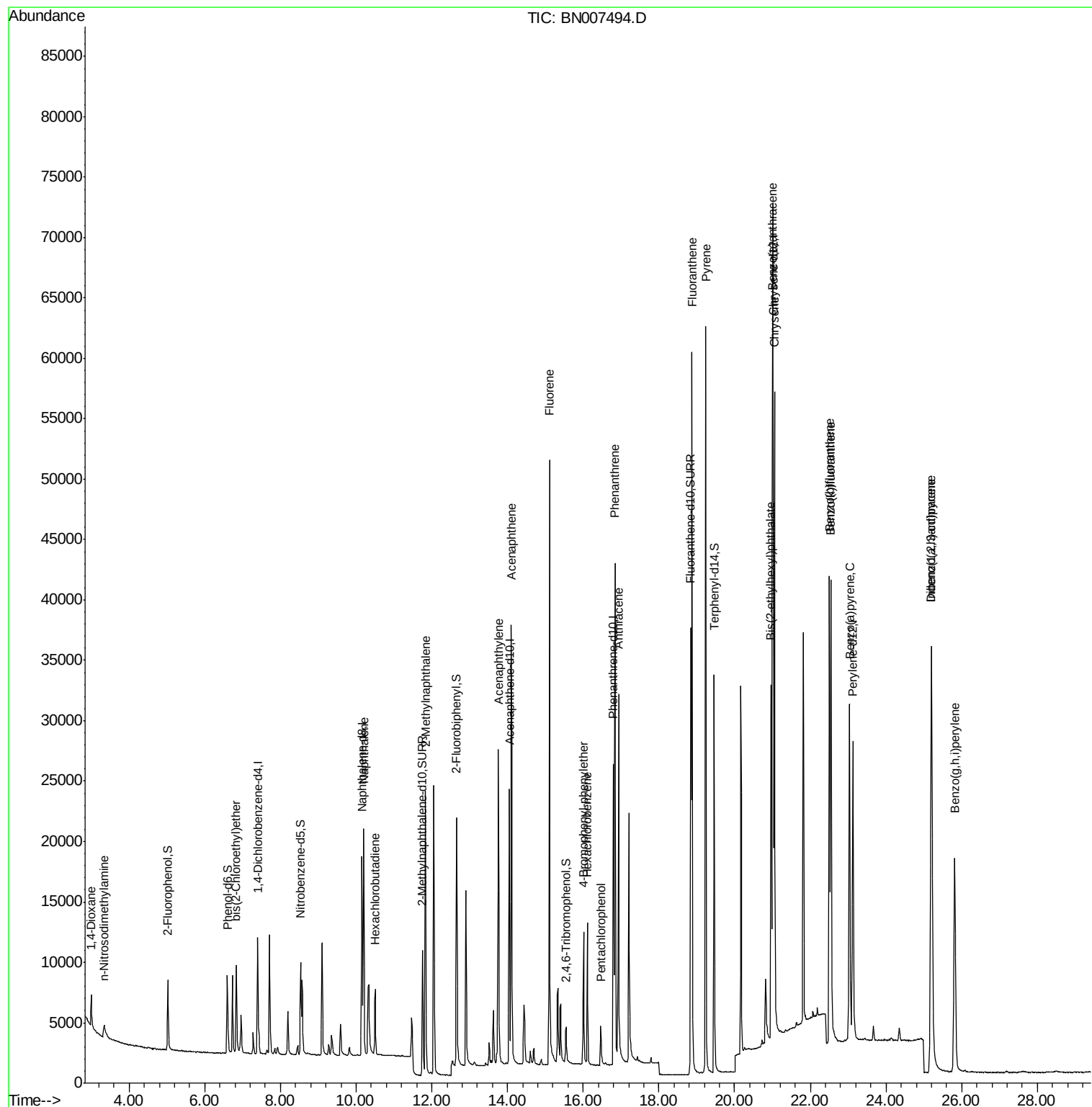
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082919\
Data File : BN007494.D
Acq On : 29 Aug 2019 09:21
Operator : HP/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

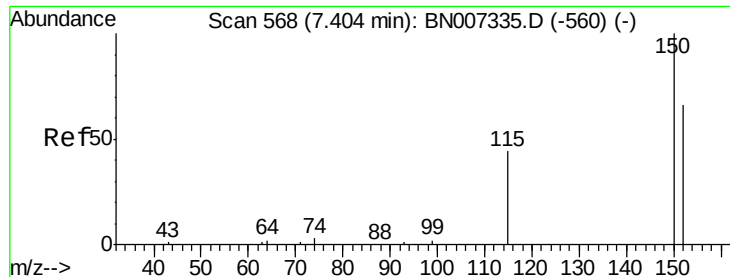
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Manual Integrations
APPROVED

JAGRUT
8/30/2019 8:57:54 AM

Quant Time: Aug 29 12:16:52 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

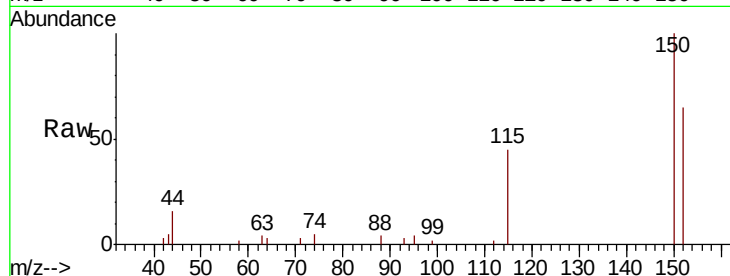
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 567
Delta R.T. -0.01 min
Lab File: BN007494.D
Acq: 29 Aug 2019 09:21

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.7	109.1	163.7
115	69.1	59.6	89.4

Manual Integrations
APPROVED

JAGRUT
8/30/2019 8:57:54 AM

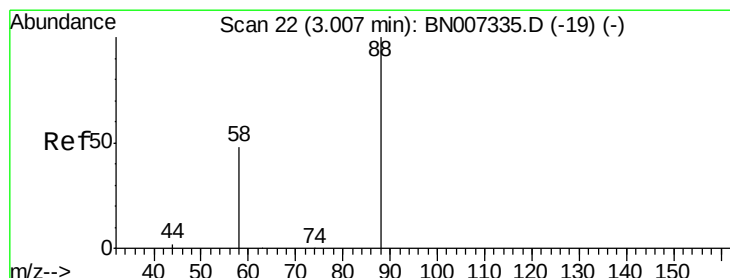
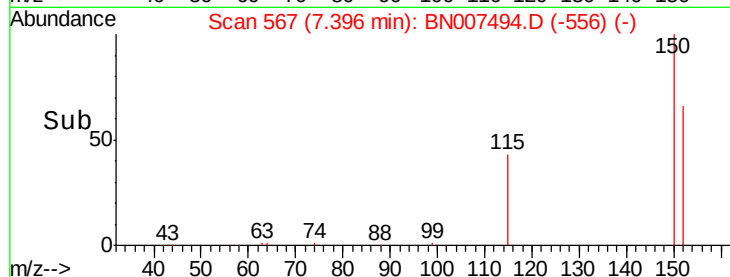
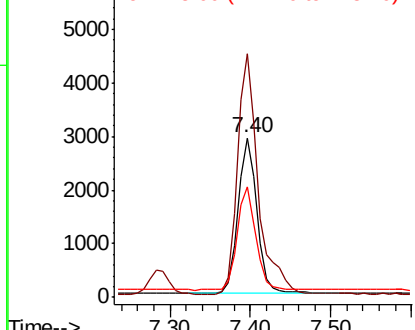


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

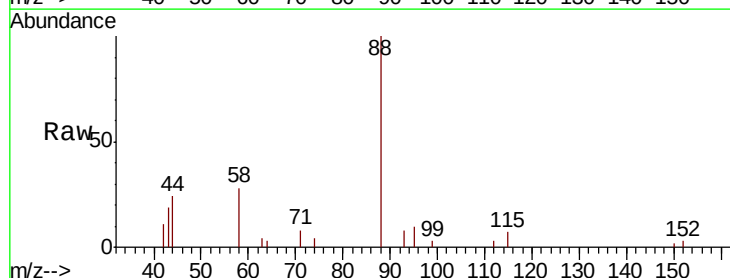
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 0.353 ng
RT: 3.00 min Scan# 21
Delta R.T. -0.01 min
Lab File: BN007494.D
Acq: 29 Aug 2019 09:21

Tgt Ion	Ratio	Lower	Upper
88	100		
58	46.2	50.5	75.7#
43	17.0	0.0	0.0#

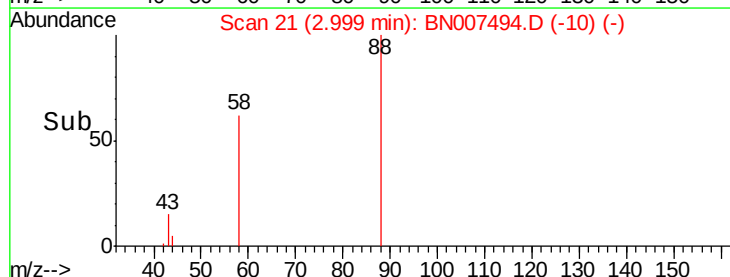
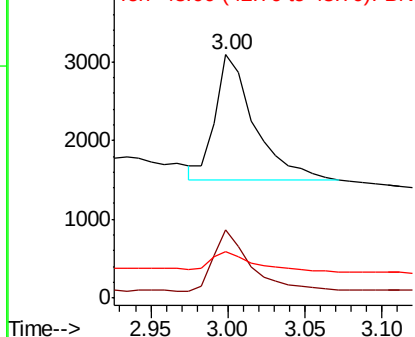


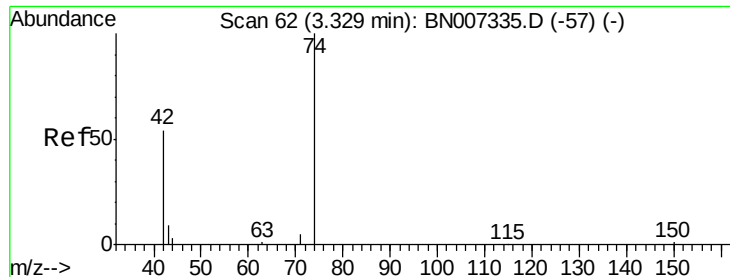
Abundance

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

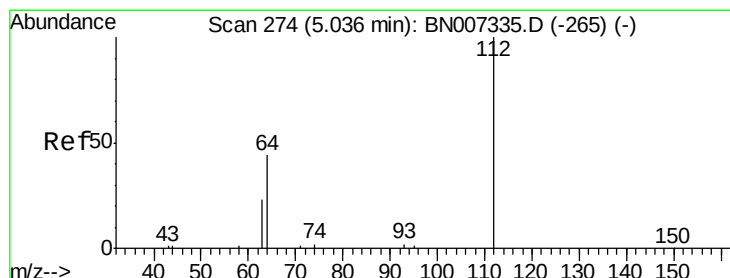
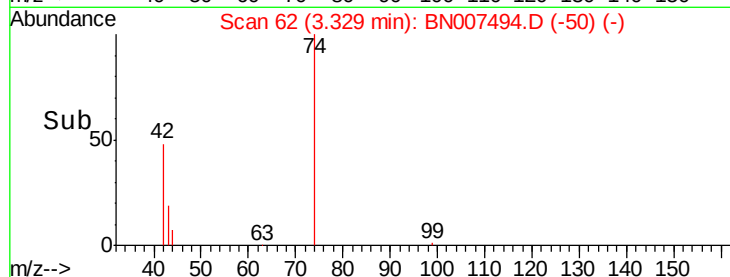
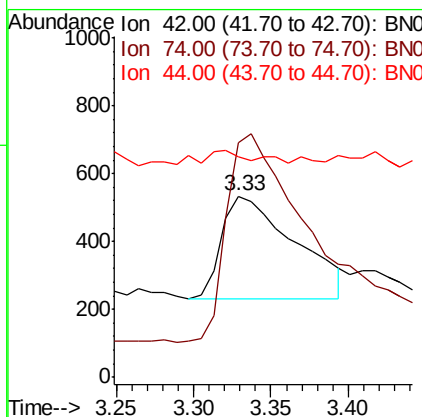
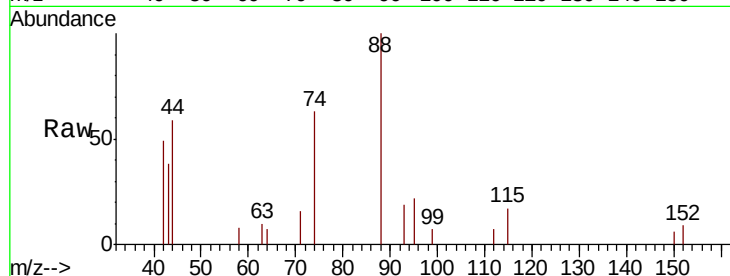
n-Nitrosodimethylamine
 Concen: 0.273 ng
 RT: 3.33 min Scan# 62
 Delta R.T. -0.00 min
 Lab File: BN007494.D
 Acq: 29 Aug 2019 09:21

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
42	100		
74	205.1	144.7	217.1
44	5.1	3.2	4.8

Manual Integrations
 APPROVED

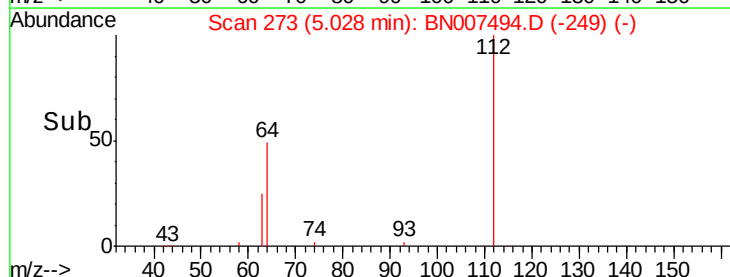
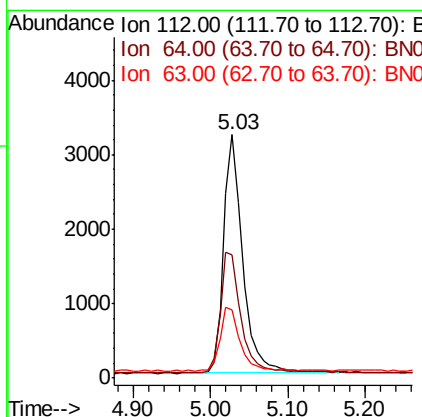
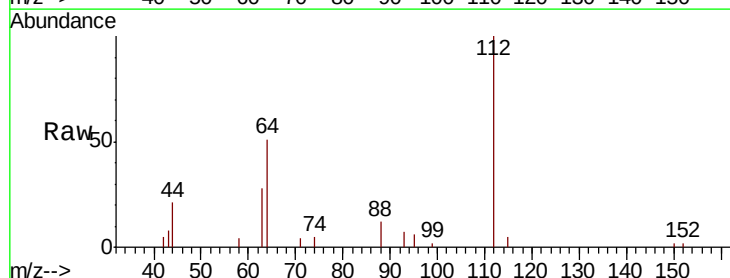
JAGRUT
 8/30/2019 8:57:54 AM

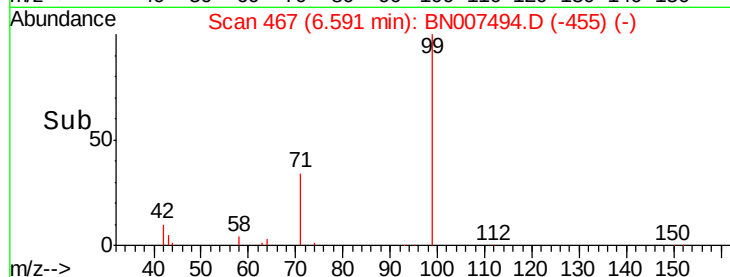
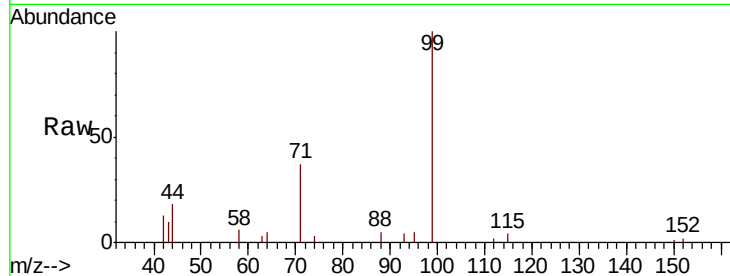
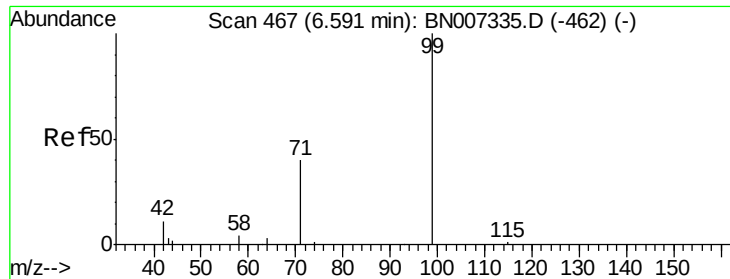


#4

2-Fluorophenol
 Concen: 0.331 ng
 RT: 5.03 min Scan# 273
 Delta R.T. -0.01 min
 Lab File: BN007494.D
 Acq: 29 Aug 2019 09:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.9	42.3	63.5
63	28.0	23.6	35.4





#5

Phenol-d6

Concen: 0.347 ng

RT: 6.59 min Scan# 467

Delta R.T. 0.00 min

Lab File: BN007494.D

Acq: 29 Aug 2019 09:21

Tot Ion:	99	Resp:	7410
Ion	Ratio	Lower	Upper
99	100		
42	11.5	11.2	16.8
71	33.9	31.8	47.8

Instrument :

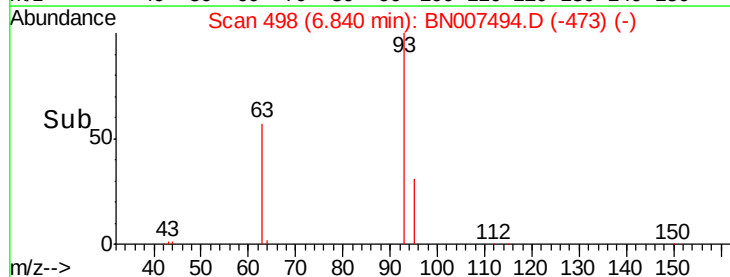
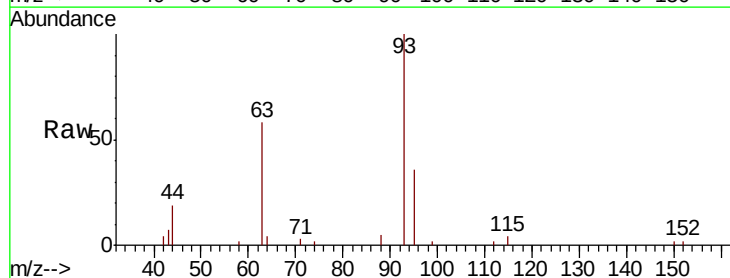
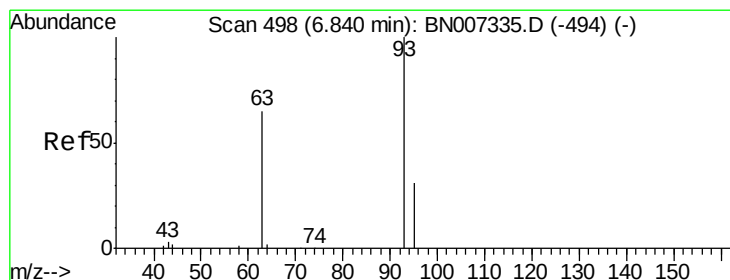
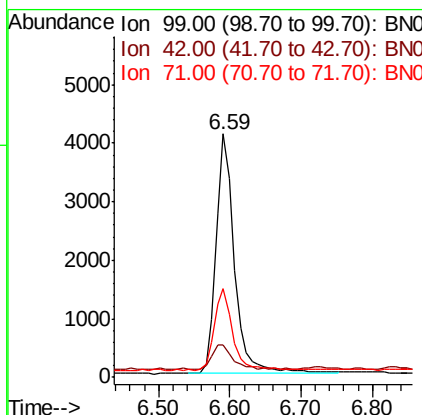
BNA_N

ClientSampleId :

SSTDCCC0.4

Manual Integrations
APPROVED

JAGRUT
8/30/2019 8:57:54 AM



#6

bis(2-Chloroethyl)ether

Concen: 0.386 ng

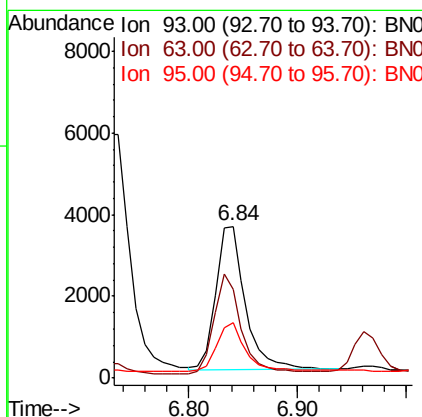
RT: 6.84 min Scan# 498

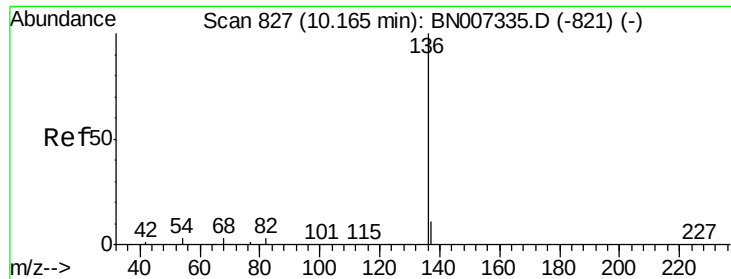
Delta R.T. -0.00 min

Lab File: BN007494.D

Acq: 29 Aug 2019 09:21

Tgt Ion:	93	Resp:	6655
Ion	Ratio	Lower	Upper
93	100		
63	64.7	51.9	77.9
95	32.8	27.7	41.5





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 826

Delta R.T. -0.01 min

Lab File: BN007494.D

Acq: 29 Aug 2019 09:21

Instrument :

BNA_N

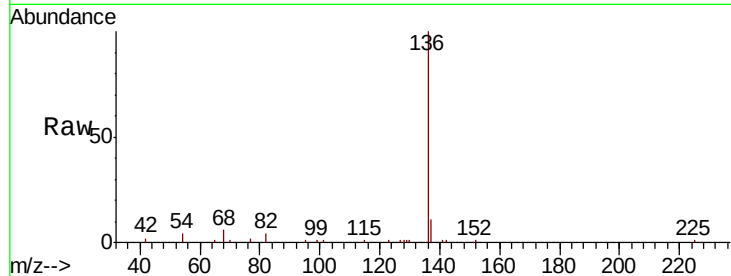
ClientSampleId :

SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.4	12.9	19.3#
54	4.5	8.6	12.8#
68	5.8	17.0	25.4#

Manual Integrations
APPROVED

JAGRUT
8/30/2019 8:57:54 AM



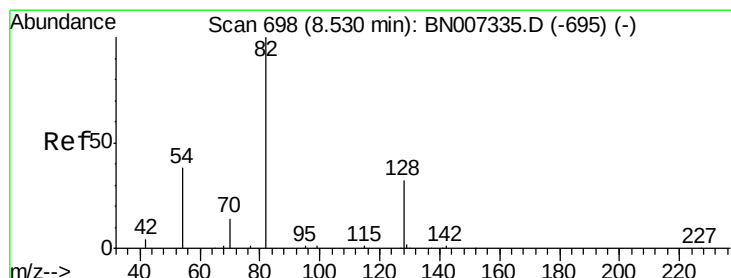
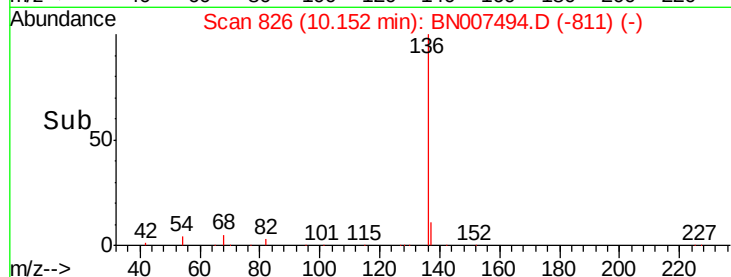
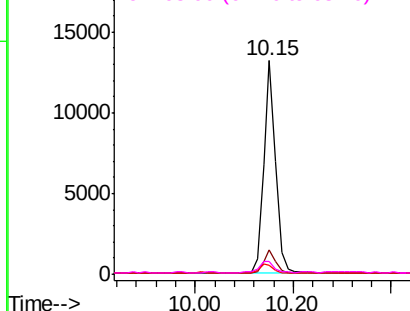
Abundance

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: 0.353 ng

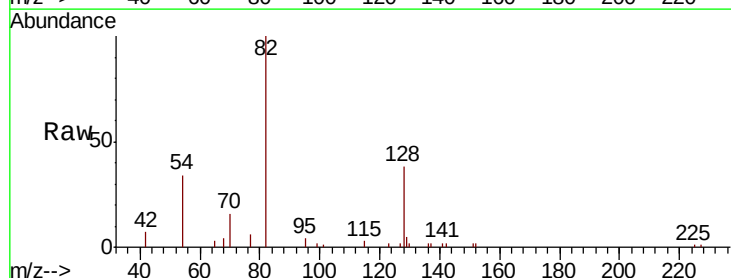
RT: 8.53 min Scan# 698

Delta R.T. -0.00 min

Lab File: BN007494.D

Acq: 29 Aug 2019 09:21

Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.0	19.7	29.5#
54	34.0	25.8	38.6

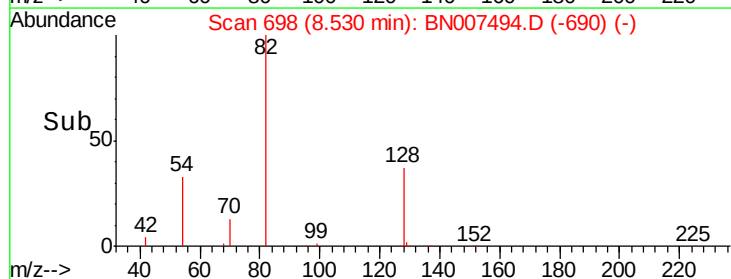
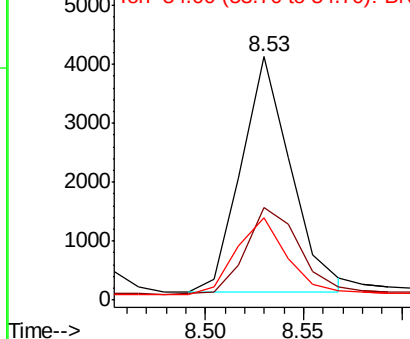


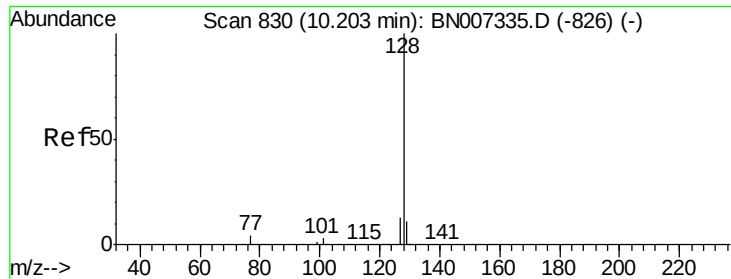
Abundance

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: 0.393 ng

RT: 10.20 min Scan# 830

Delta R.T. -0.00 min

Lab File: BN007494.D

Acq: 29 Aug 2019 09:21

Instrument :

BNA_N

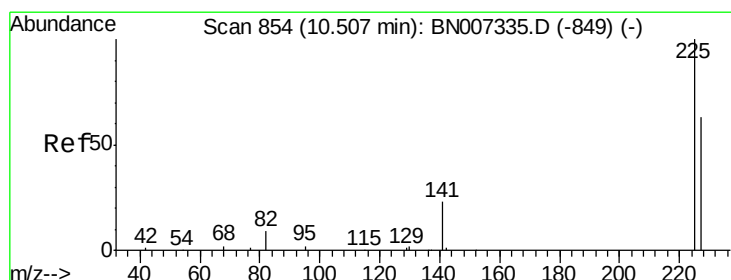
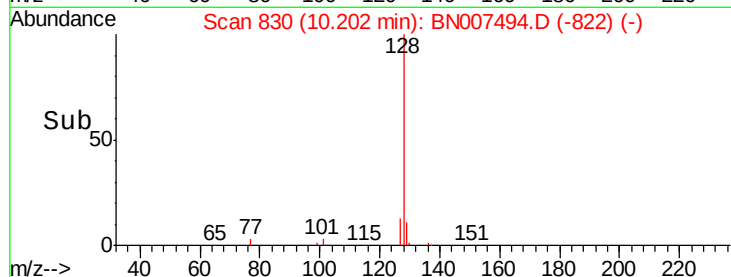
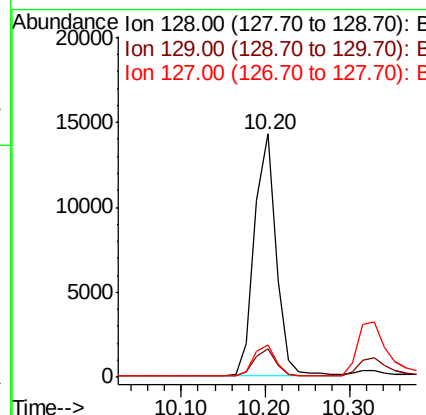
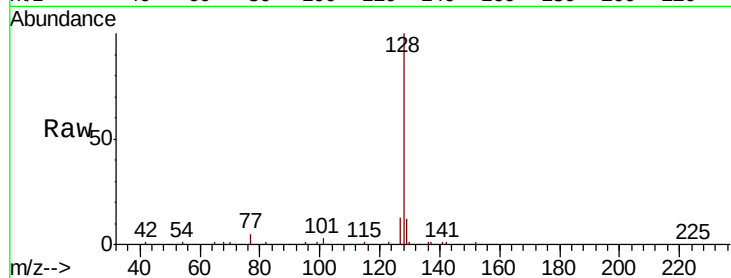
ClientSampleId :

SSTDCCC0.4

Tot Ion:	128	Resp:	25633
Ion Ratio	Lower	Upper	
128	100		
129	11.5	11.1	16.7
127	13.3	15.5	23.3#

Manual Integrations
APPROVED

JAGRUT
8/30/2019 8:57:54 AM



#10

Hexachlorobutadiene

Concen: 0.358 ng

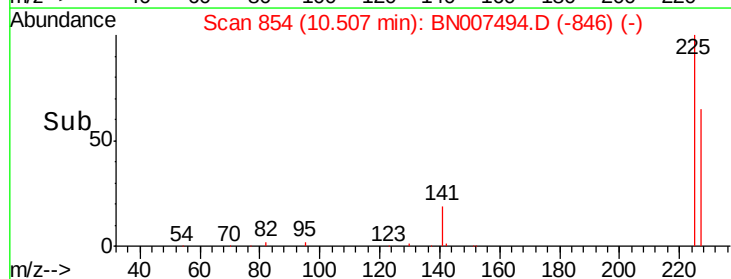
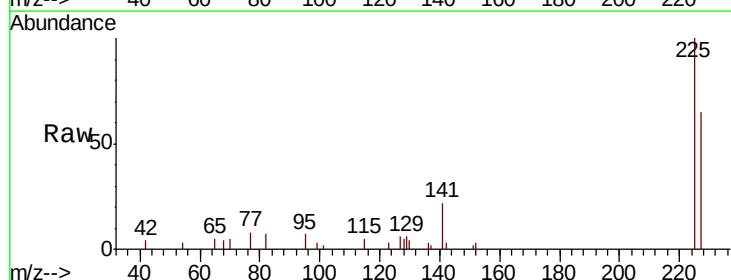
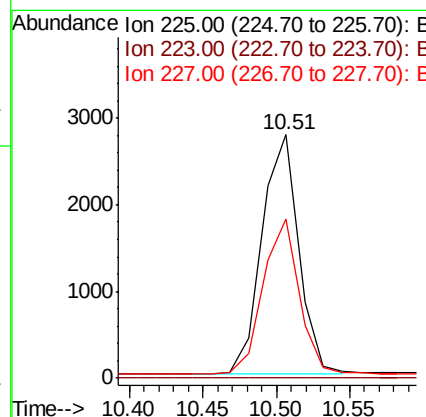
RT: 10.51 min Scan# 854

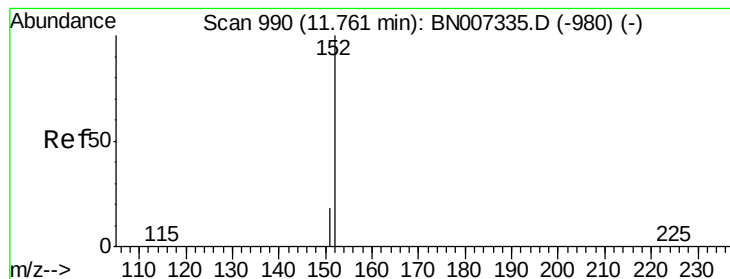
Delta R.T. -0.00 min

Lab File: BN007494.D

Acq: 29 Aug 2019 09:21

Tgt Ion:	225	Resp:	4776
Ion Ratio	Lower	Upper	
225	100		
223	0.0	0.0	0.0
227	63.5	50.7	76.1





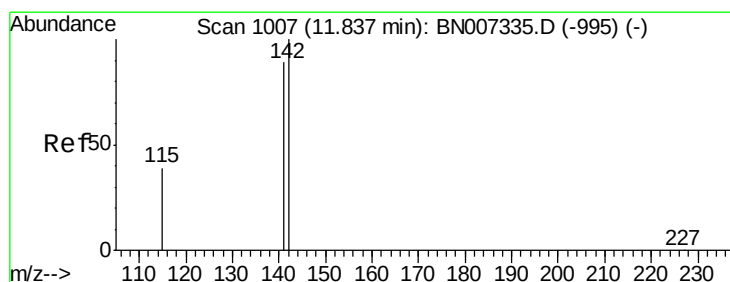
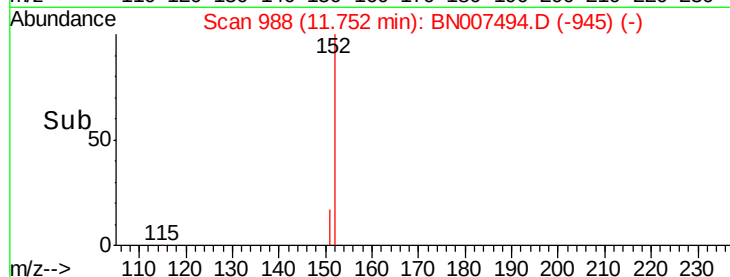
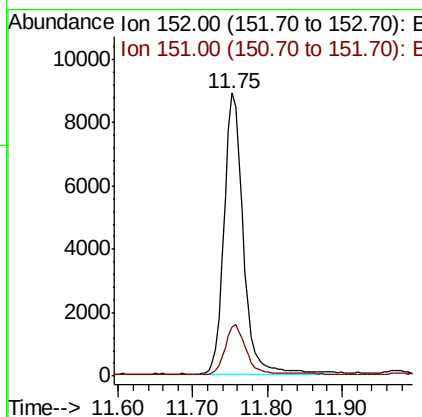
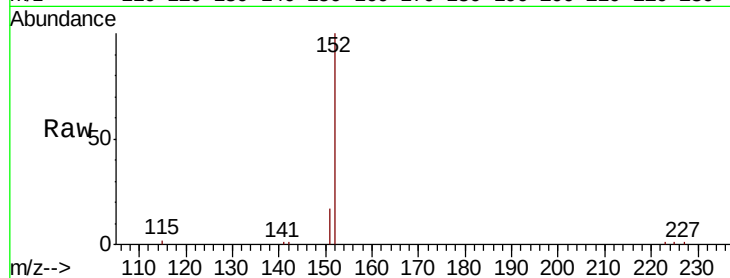
#11
 2-Methylnaphthalene-d10
 Concen: 0.419 ng
 RT: 11.75 min Scan# 988
 Delta R.T. -0.01 min
 Lab File: BN007494.D
 Acq: 29 Aug 2019 09:21

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
152	100		
151	18.9	16.2	24.2

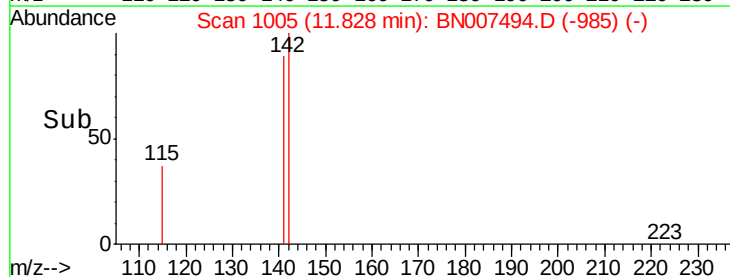
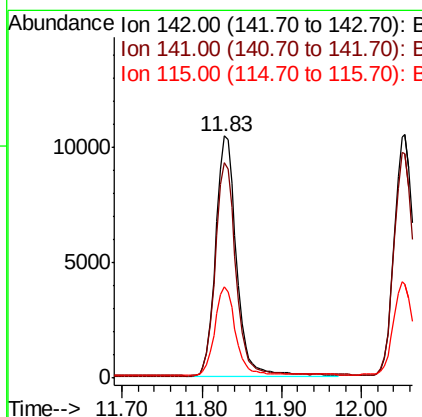
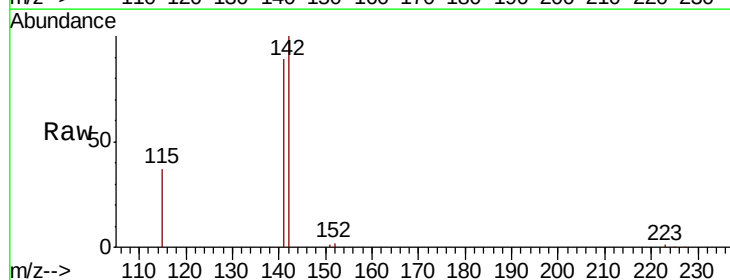
Manual Integrations
 APPROVED

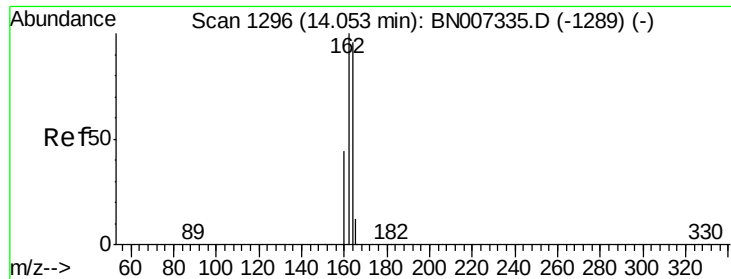
JAGRUT
 8/30/2019 8:57:54 AM



#12
 2-Methylnaphthalene
 Concen: 0.422 ng
 RT: 11.83 min Scan# 1005
 Delta R.T. -0.01 min
 Lab File: BN007494.D
 Acq: 29 Aug 2019 09:21

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.8	72.8	109.2
115	37.4	35.2	52.8





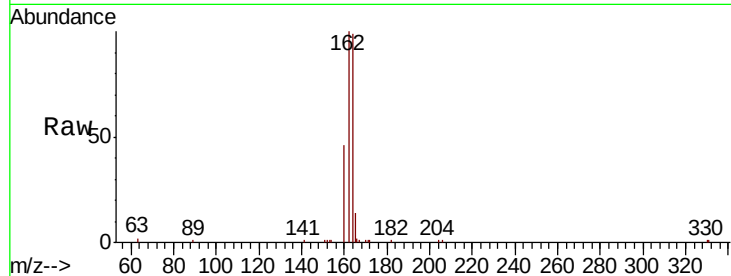
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.05 min Scan# 1296
 Delta R.T. -0.01 min
 Lab File: BN007494.D
 Acq: 29 Aug 2019 09:21

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.4	83.5	125.3
160	46.2	38.2	57.4

Manual Integrations
 APPROVED

JAGRUT
 8/30/2019 8:57:54 AM

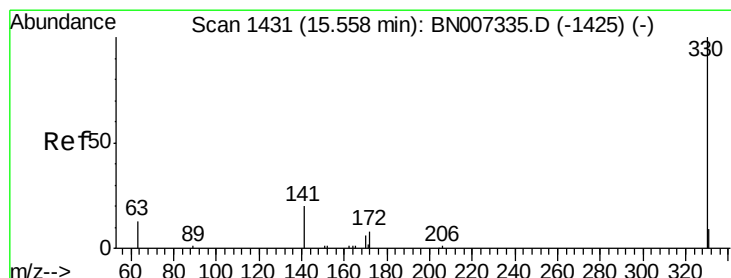
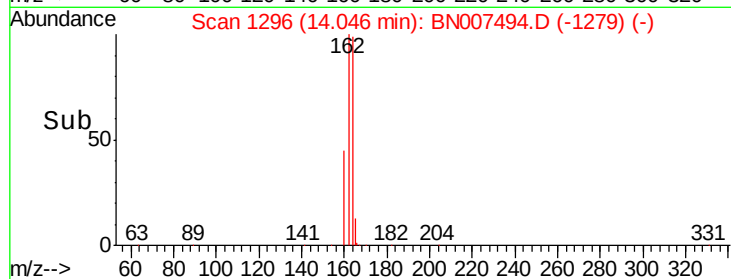
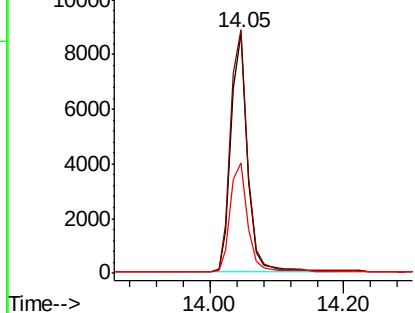


Abundance

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: 0.404 ng
 RT: 15.55 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: BN007494.D
 Acq: 29 Aug 2019 09:21

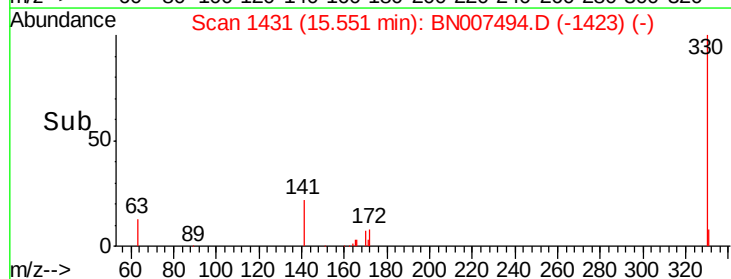
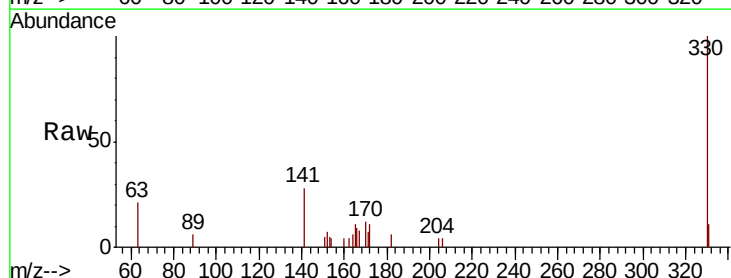
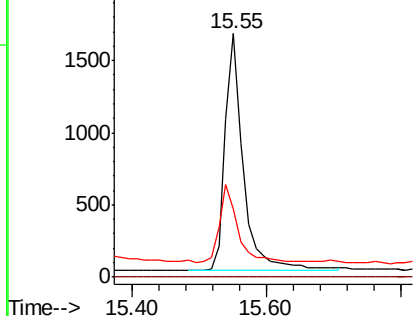
Tgt Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	34.0	26.9	40.3

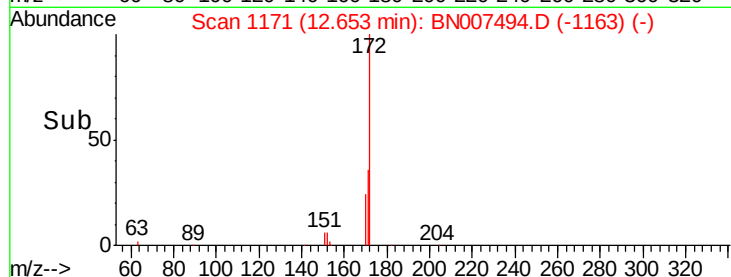
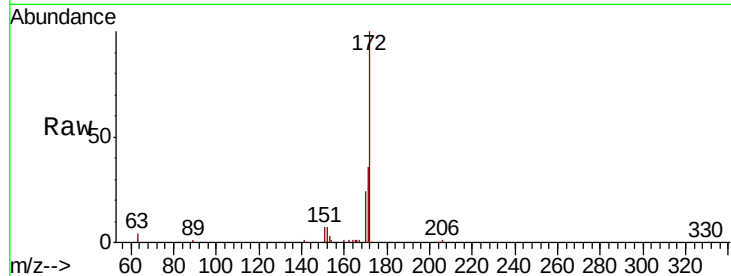
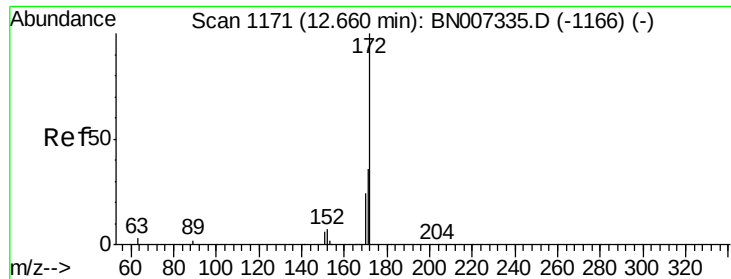
Abundance

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





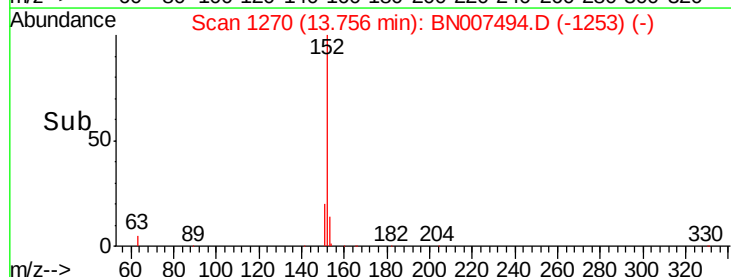
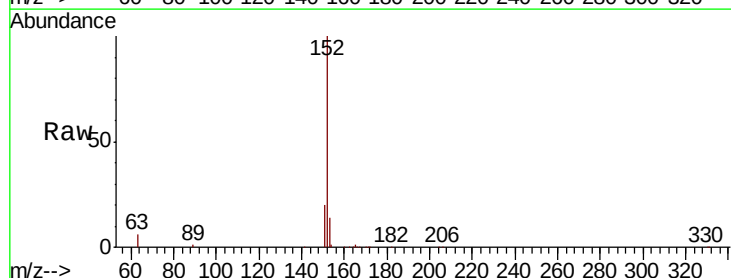
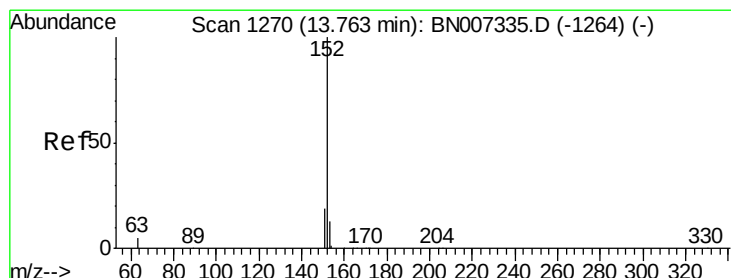
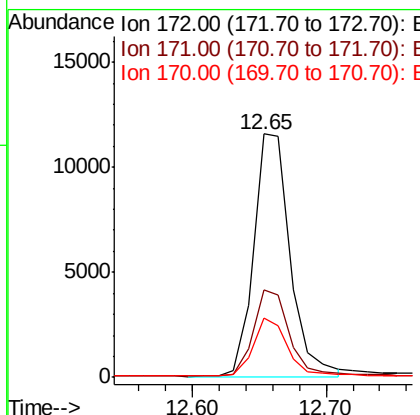
#15
2-Fluorobiphenyl
Concen: 0.371 ng
RT: 12.65 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BN007494.D
Acq: 29 Aug 2019 09:21

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	30.3	45.5
170	24.5	20.7	31.1

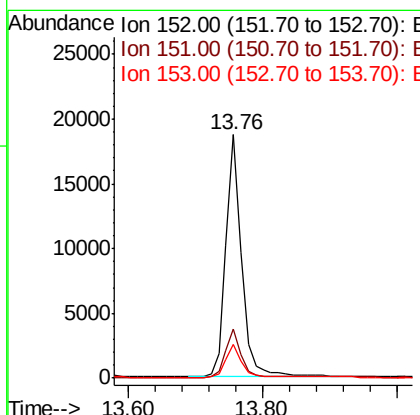
Manual Integrations
APPROVED

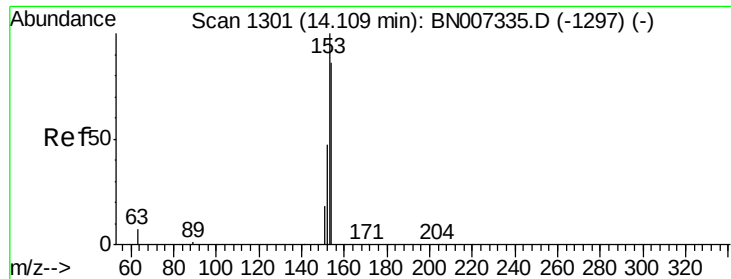
JAGRUT
8/30/2019 8:57:54 AM



#16
Acenaphthylene
Concen: 0.357 ng
RT: 13.76 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BN007494.D
Acq: 29 Aug 2019 09:21

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.4	16.1	24.1
153	13.3	10.6	15.8





#17

Acenaphthene

Concen: 0.391 ng

RT: 14.10 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BN007494.D

Acq: 29 Aug 2019 09:21

Instrument :

BNA_N

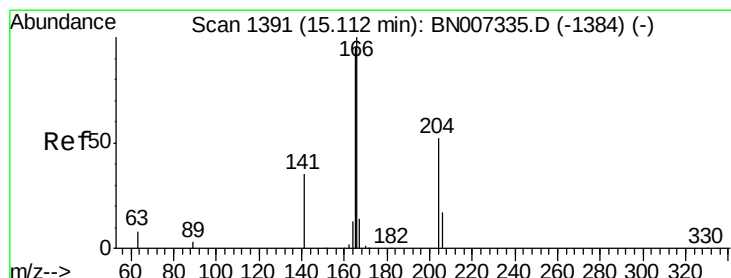
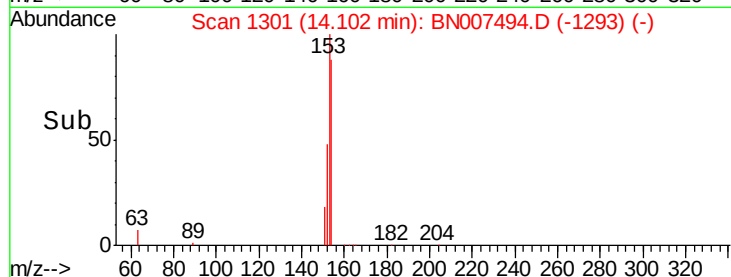
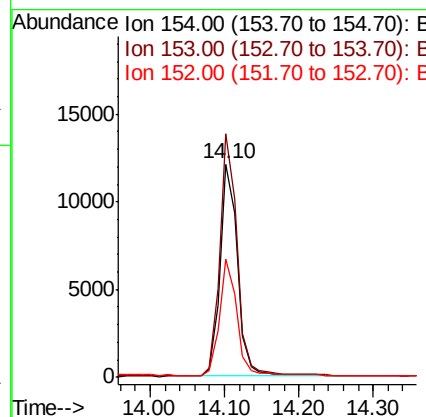
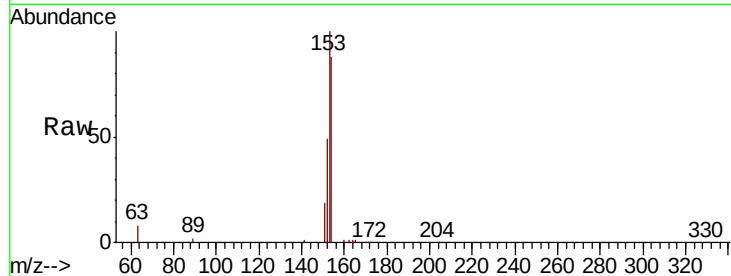
ClientSampleId :

SSTDCCC0.4

Tot Ion:	154	Resp:	19823
Ion Ratio	Lower	Upper	
154	100		
153	113.5	92.8	139.2
152	53.5	43.8	65.8

Manual Integrations
APPROVED

JAGRUT
8/30/2019 8:57:54 AM



#18

Fluorene

Concen: 0.401 ng

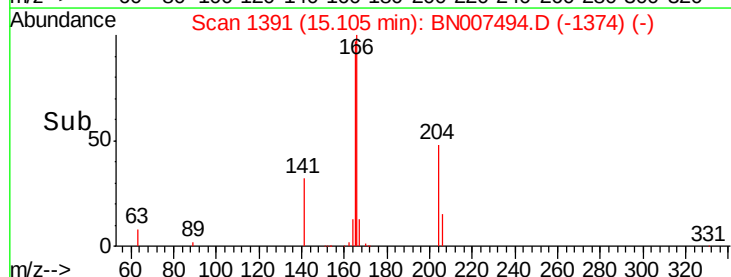
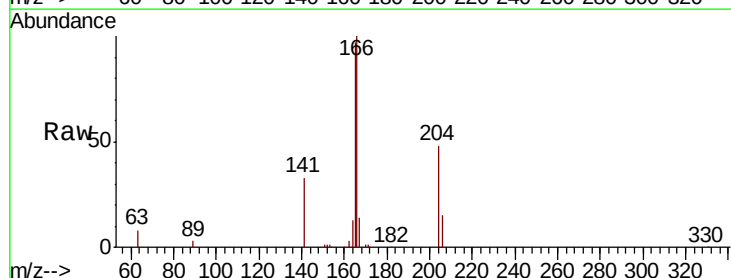
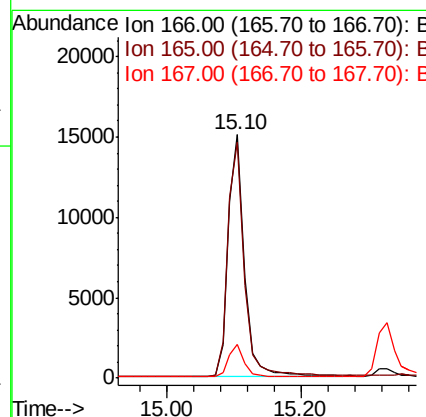
RT: 15.10 min Scan# 1391

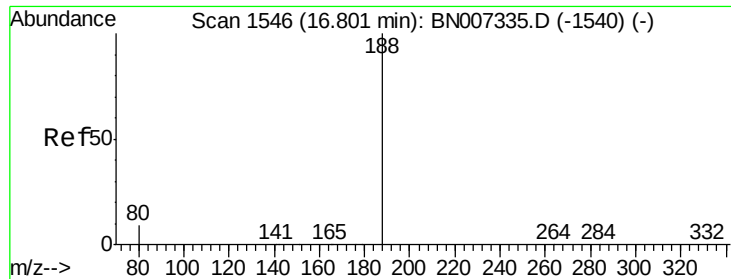
Delta R.T. -0.01 min

Lab File: BN007494.D

Acq: 29 Aug 2019 09:21

Tgt Ion:	166	Resp:	25697
Ion Ratio	Lower	Upper	
166	100		
165	97.8	79.0	118.4
167	13.3	10.6	15.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.79 min Scan# 1546

Delta R.T. -0.01 min

Lab File: BN007494.D

Acq: 29 Aug 2019 09:21

Instrument :

BNA_N

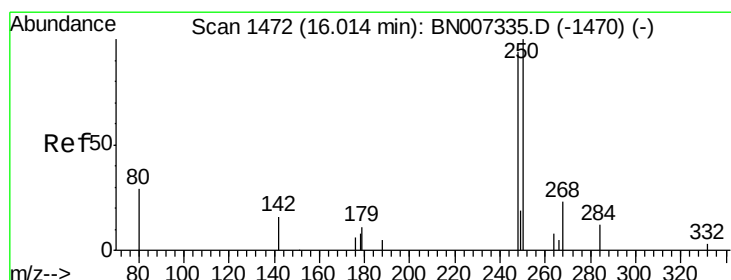
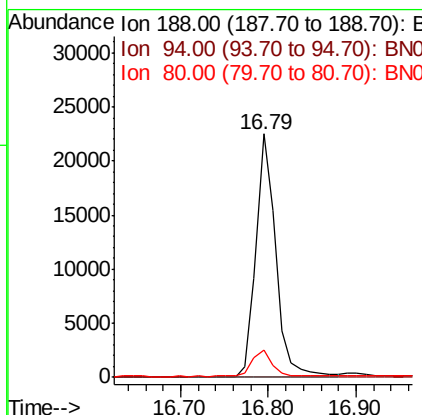
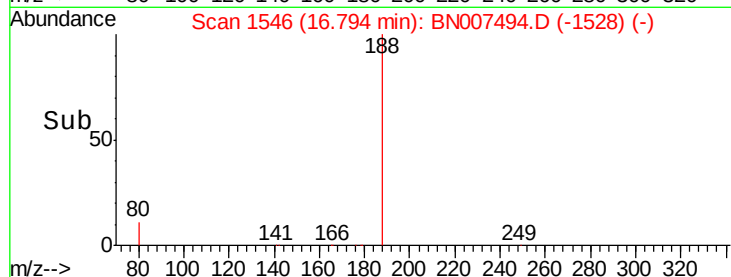
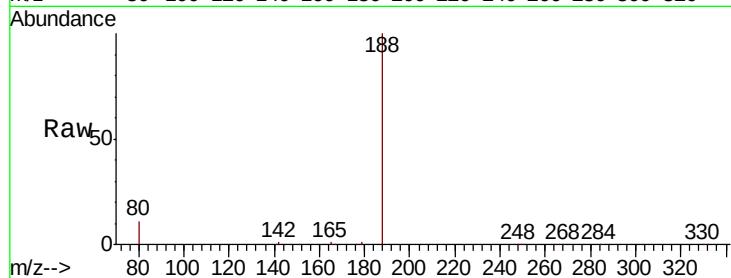
ClientSampleId :

SSTDCCC0.4

Tot Ion:	188	Resp:	35396
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	11.0	11.8	17.8#

Manual Integrations
APPROVED

JAGRUT
8/30/2019 8:57:54 AM



#20

4-Bromophenyl-phenylether

Concen: 0.316 ng

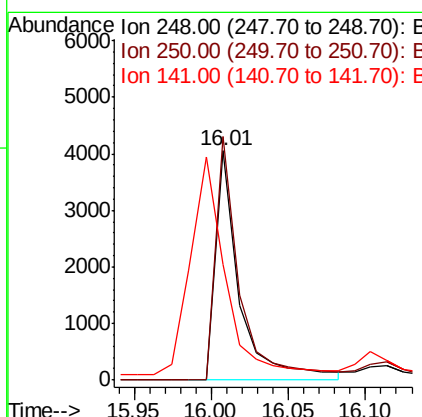
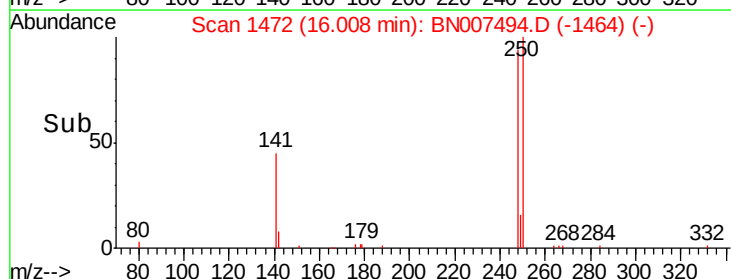
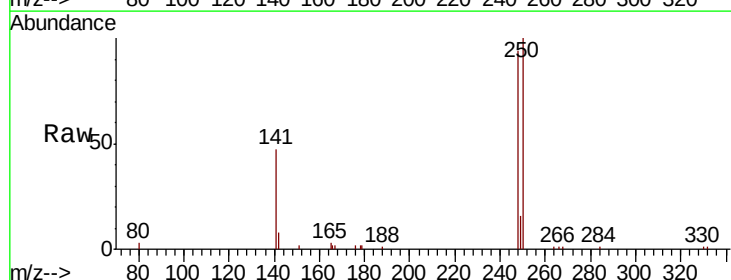
RT: 16.01 min Scan# 1472

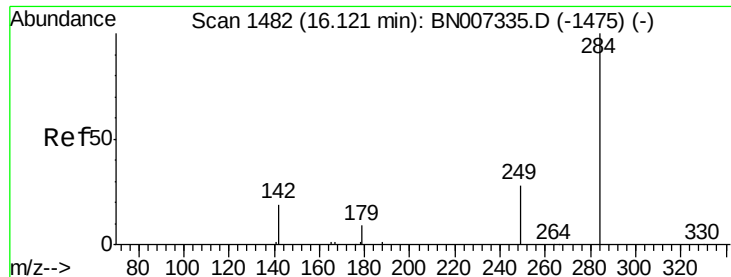
Delta R.T. -0.01 min

Lab File: BN007494.D

Acq: 29 Aug 2019 09:21

Tgt Ion:	248	Resp:	4415
Ion Ratio	Lower	Upper	
248	100		
250	106.1	85.0	127.6
141	50.1	51.7	77.5#





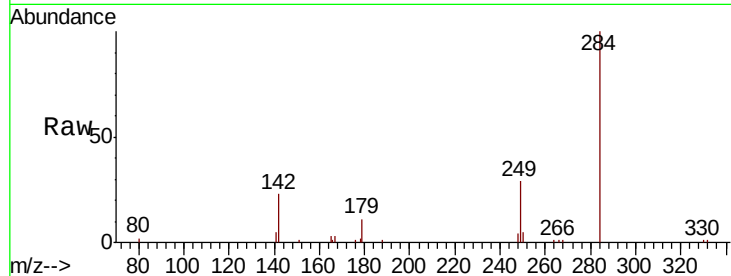
#21
Hexachlorobenzene
Concen: 0.424 ng
RT: 16.11 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BN007494.D
Acq: 29 Aug 2019 09:21

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

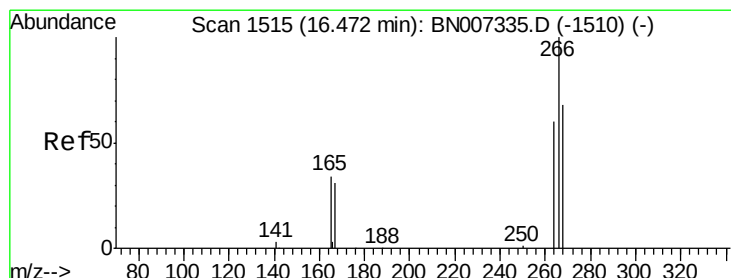
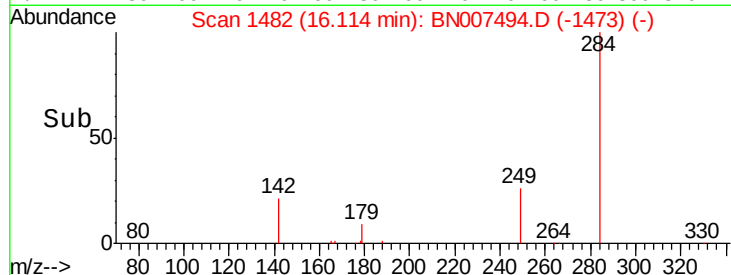
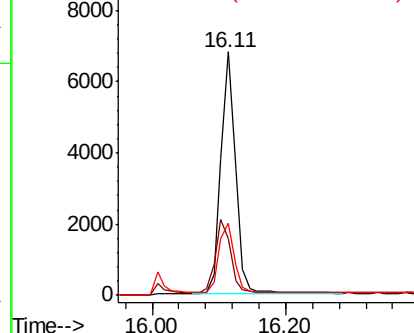
Tot Ion	Ratio	Lower	Upper
284	100		
142	31.2	29.0	43.6
249	30.5	24.9	37.3

Manual Integrations
APPROVED

JAGRUT
8/30/2019 8:57:54 AM

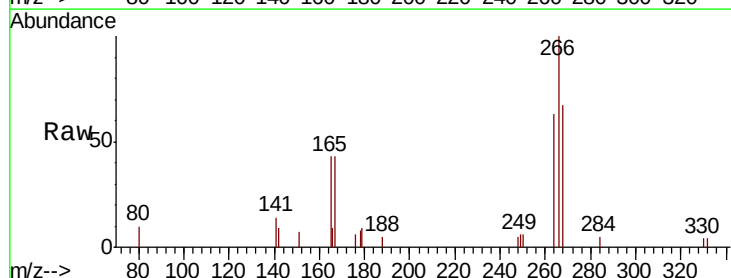


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

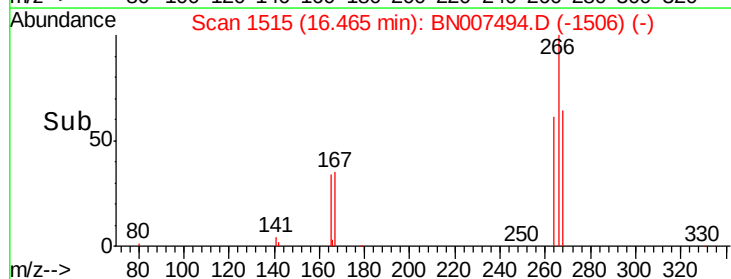
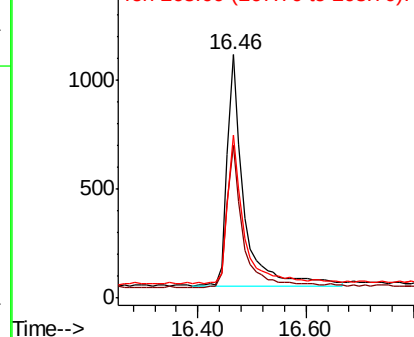


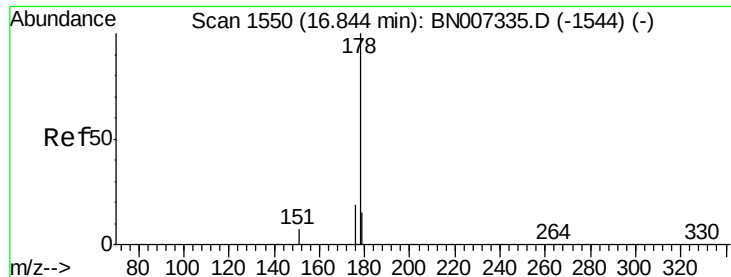
#22
Pentachlorophenol
Concen: 0.307 ng
RT: 16.46 min Scan# 1515
Delta R.T. -0.01 min
Lab File: BN007494.D
Acq: 29 Aug 2019 09:21

Tgt Ion	Ratio	Lower	Upper
266	100		
264	62.5	57.8	86.8
268	66.8	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: 0.410 ng

RT: 16.84 min Scan# 1550

Delta R.T. -0.01 min

Lab File: BN007494.D

Acq: 29 Aug 2019 09:21

Instrument :

BNA_N

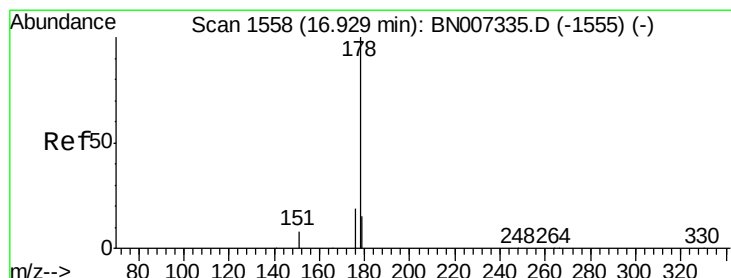
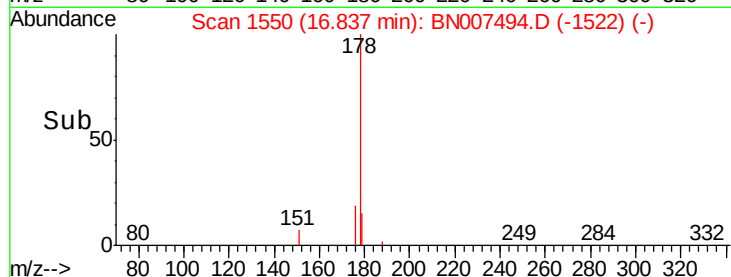
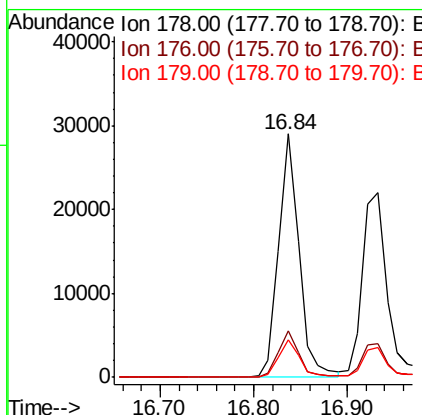
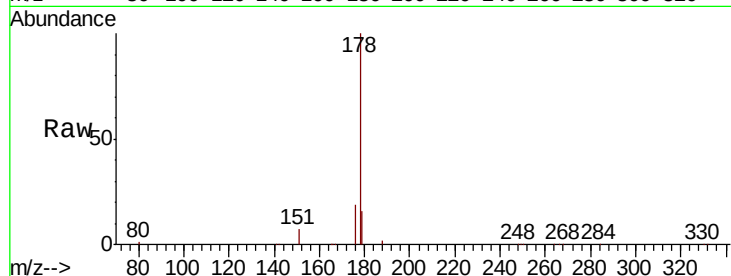
ClientSampleId :

SSTDCCC0.4

Tot Ion:	178	Resp:	43626
Ion Ratio	Lower	Upper	
178	100		
176	18.7	15.3	22.9
179	15.3	12.6	19.0

Manual Integrations
APPROVED

JAGRUT
8/30/2019 8:57:54 AM



#24

Anthracene

Concen: 0.375 ng

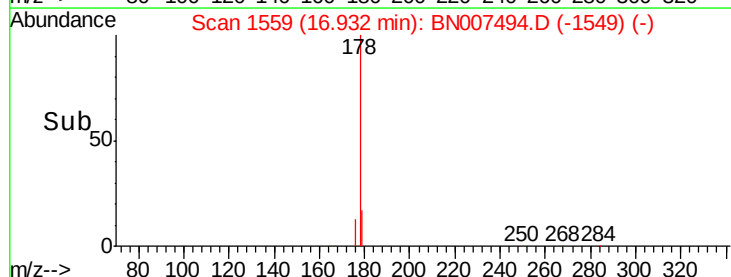
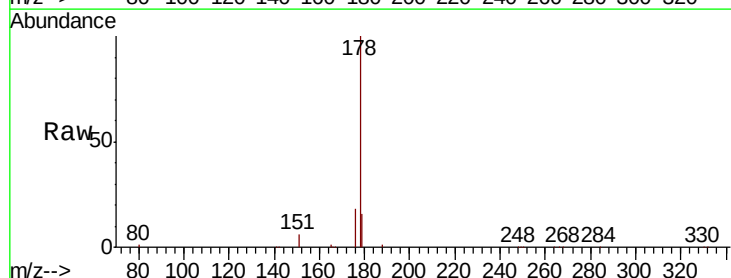
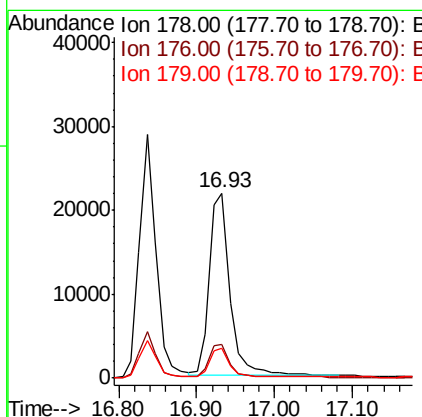
RT: 16.93 min Scan# 1559

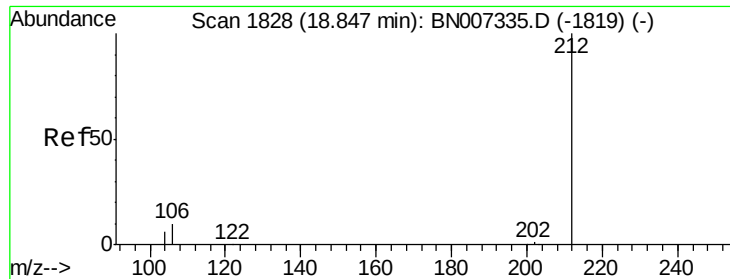
Delta R.T. 0.00 min

Lab File: BN007494.D

Acq: 29 Aug 2019 09:21

Tgt Ion:	178	Resp:	40196
Ion Ratio	Lower	Upper	
178	100		
176	18.1	14.9	22.3
179	15.4	12.4	18.6





#25

Fluoranthene-d10

Concen: 0.401 ng

RT: 18.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BN007494.D

Acq: 29 Aug 2019 09:21

Instrument :

BNA_N

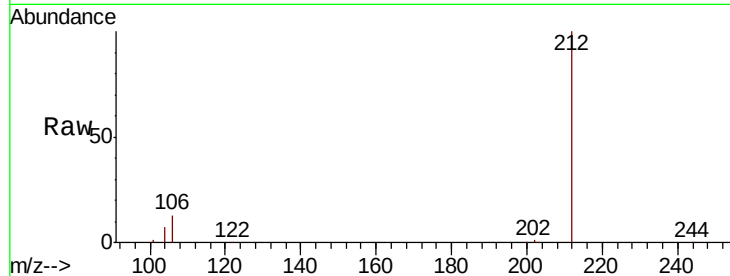
ClientSampleId :

SSTDCCC0.4

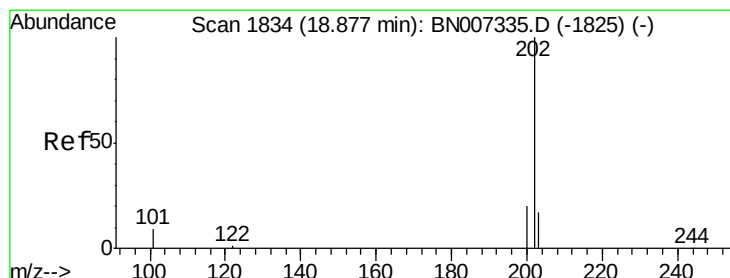
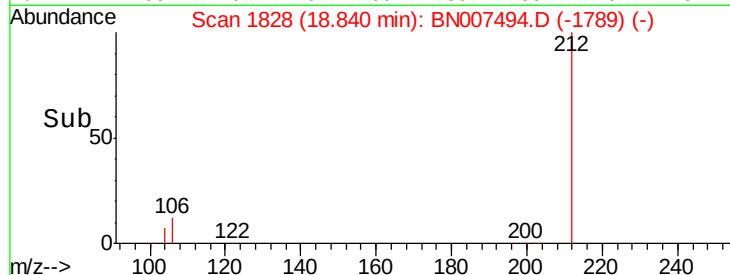
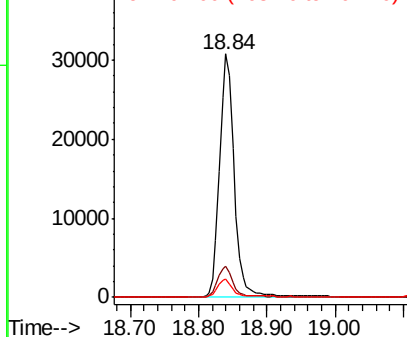
Tot Ion:212	Resp:	45734
Ion Ratio	Lower	Upper
212 100		
106 12.4	9.0	13.4
104 7.3	5.4	8.2

Manual Integrations
APPROVED

JAGRUT
8/30/2019 8:57:54 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: 0.410 ng

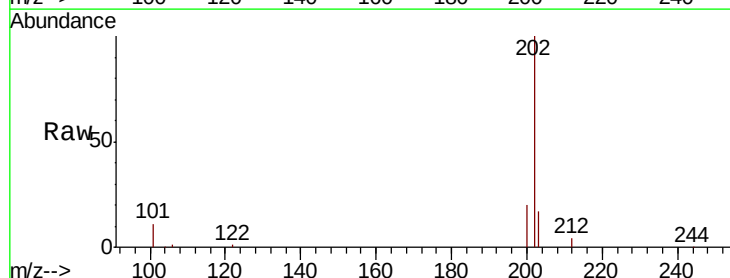
RT: 18.87 min Scan# 1834

Delta R.T. -0.01 min

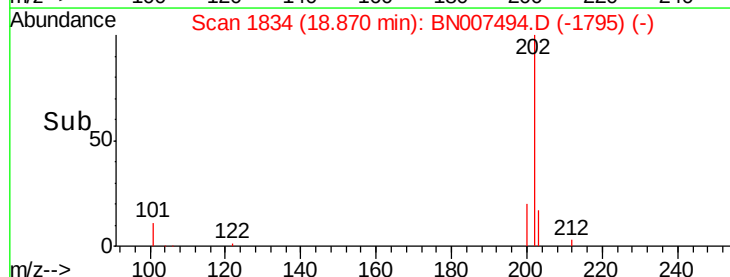
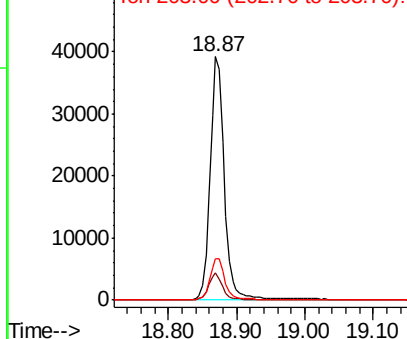
Lab File: BN007494.D

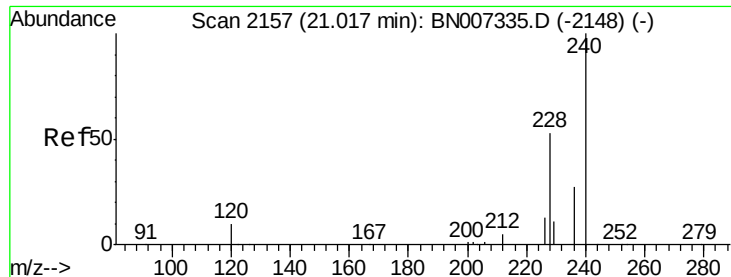
Acq: 29 Aug 2019 09:21

Tgt Ion:202	Resp:	56090
Ion Ratio	Lower	Upper
202 100		
101 10.8	7.7	11.5
203 16.9	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





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.02 min Scan# 2158

Delta R.T. -0.00 min

Lab File: BN007494.D

Acq: 29 Aug 2019 09:21

Instrument :

BNA_N

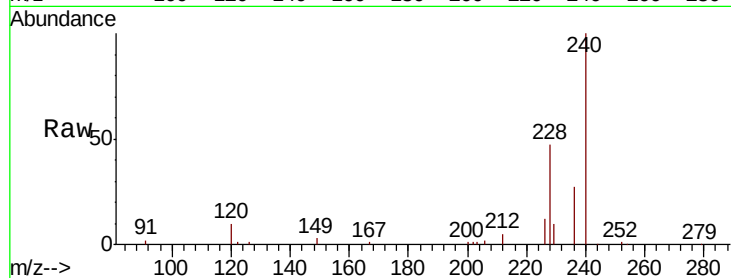
ClientSampleId :

SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.7	9.6	14.4
236	26.8	22.2	33.2

Manual Integrations
APPROVED

JAGRUT
8/30/2019 8:57:54 AM

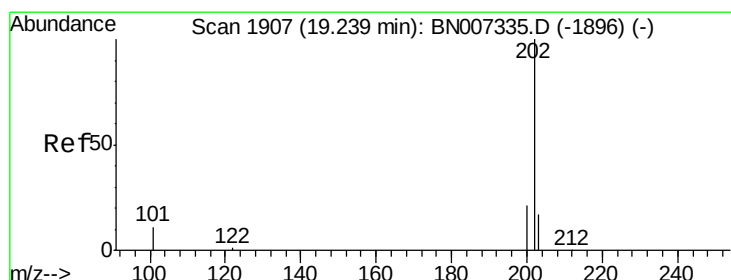
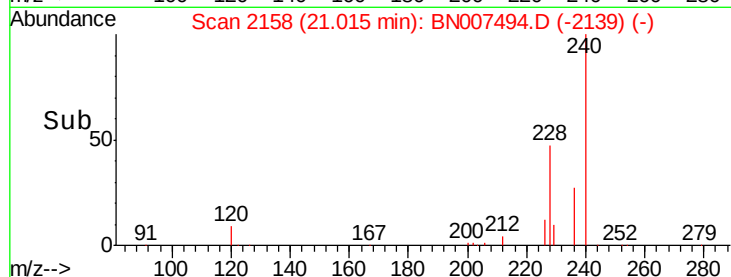
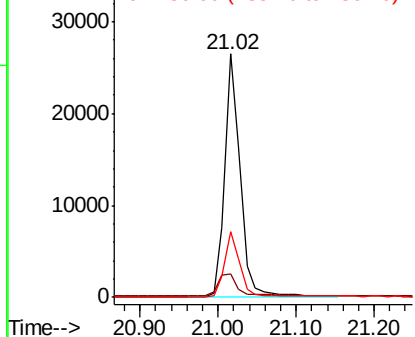


Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.386 ng

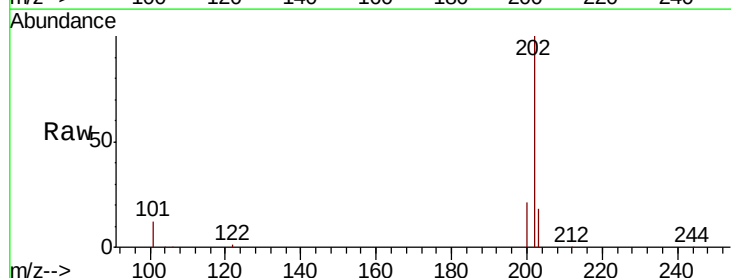
RT: 19.24 min Scan# 1908

Delta R.T. -0.00 min

Lab File: BN007494.D

Acq: 29 Aug 2019 09:21

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.6	25.0
203	17.5	14.2	21.4

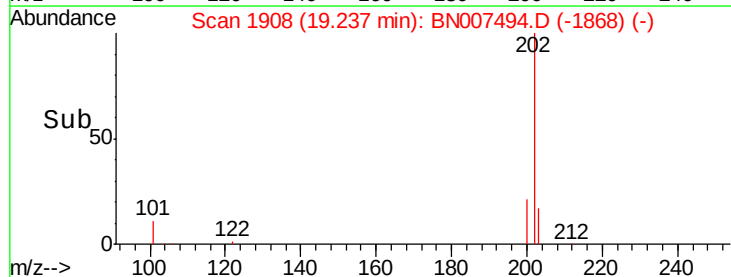
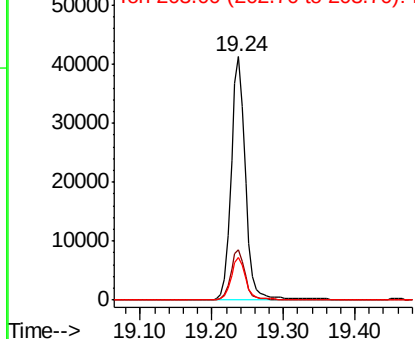


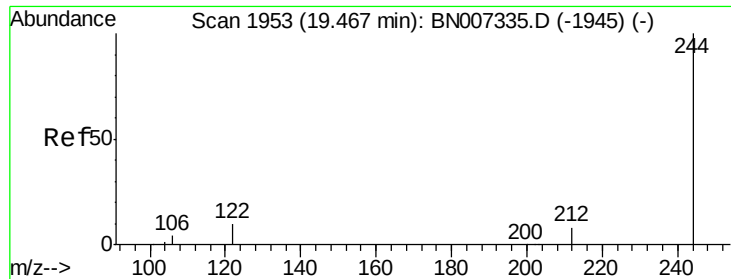
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





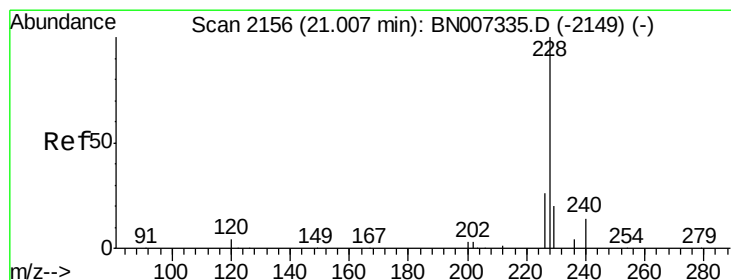
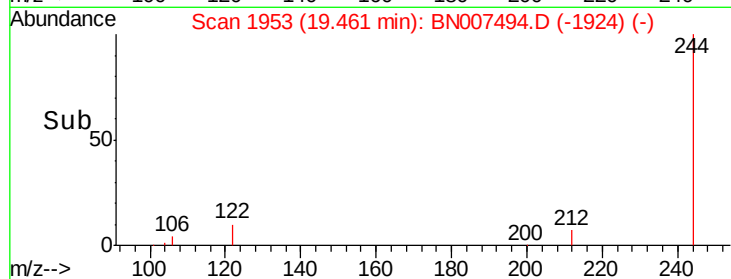
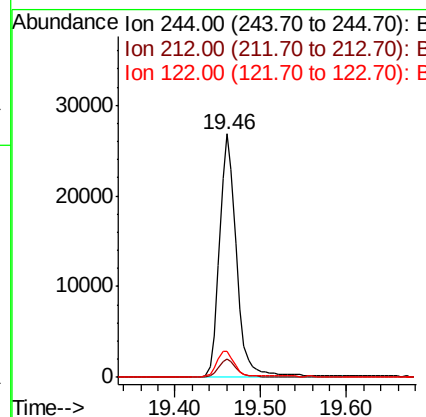
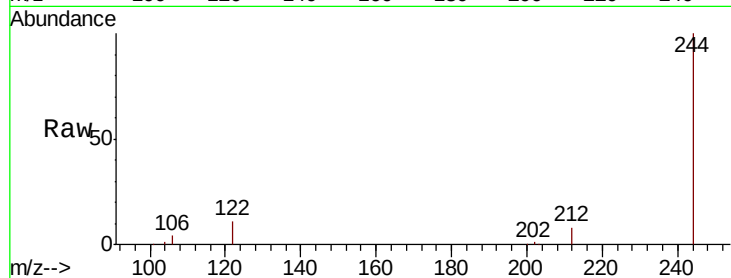
#29
 Terphenyl-d14
 Concen: 0.385 ng
 RT: 19.46 min Scan# 1953
 Delta R.T. -0.01 min
 Lab File: BN007494.D
 Acq: 29 Aug 2019 09:21

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.6	7.0	10.6
122	10.7	9.6	14.4

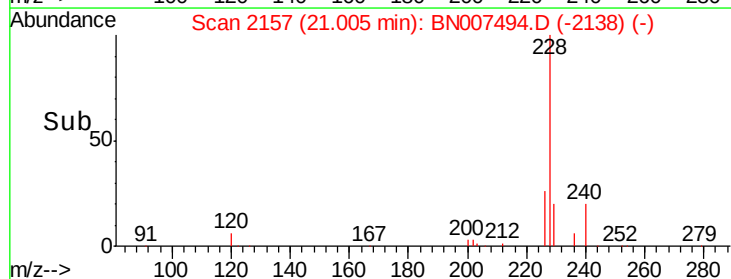
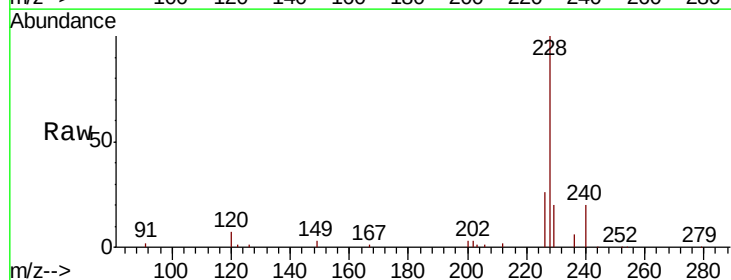
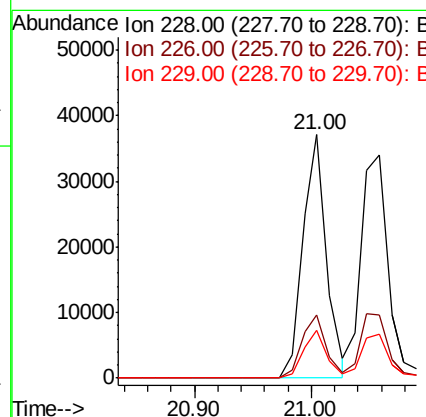
Manual Integrations
 APPROVED

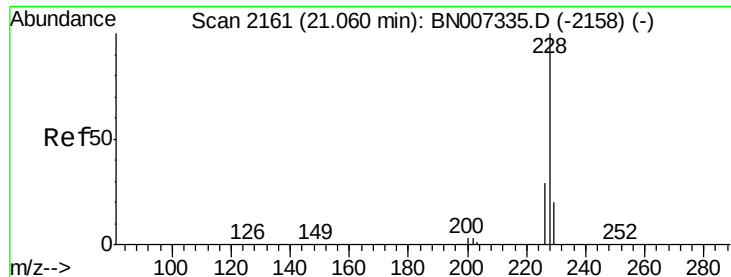
JAGRUT
 8/30/2019 8:57:54 AM



#30
 Benzo(a)anthracene
 Concen: 0.360 ng
 RT: 21.00 min Scan# 2157
 Delta R.T. -0.00 min
 Lab File: BN007494.D
 Acq: 29 Aug 2019 09:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	25.7	21.3	31.9
229	19.8	16.1	24.1





#31

Chrysene

Concen: 0.392 ng

RT: 21.06 min Scan# 2162

Delta R.T. -0.00 min

Lab File: BN007494.D

Acq: 29 Aug 2019 09:21

Instrument :

BNA_N

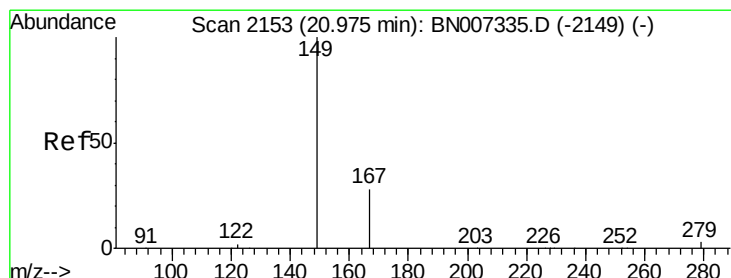
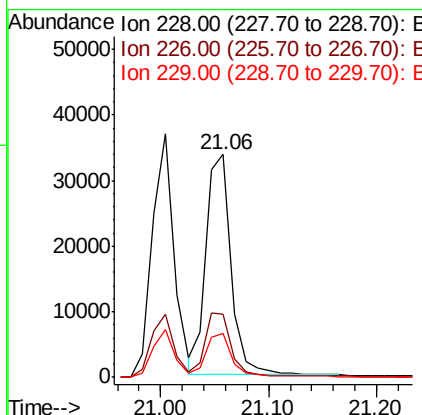
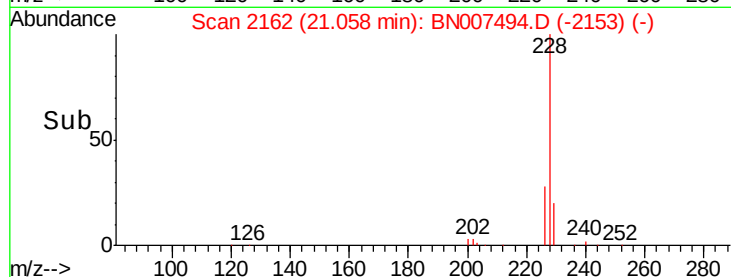
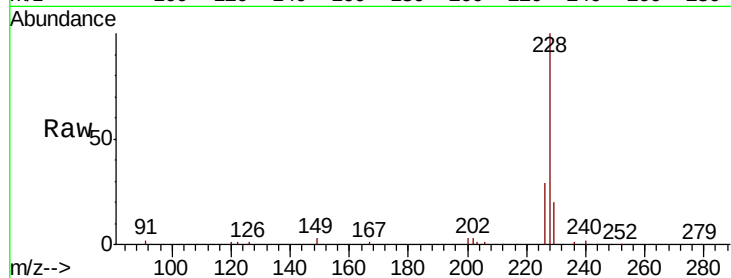
ClientSampleId :

SSTDCCC0.4

Tot Ion:	228	Resp:	54377
Ion	Ratio	Lower	Upper
228	100		
226	28.5	23.5	35.3
229	20.0	16.6	24.8

Manual Integrations
APPROVED

JAGRUT
8/30/2019 8:57:54 AM



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.305 ng

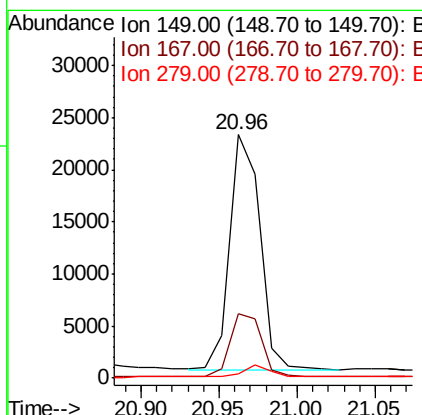
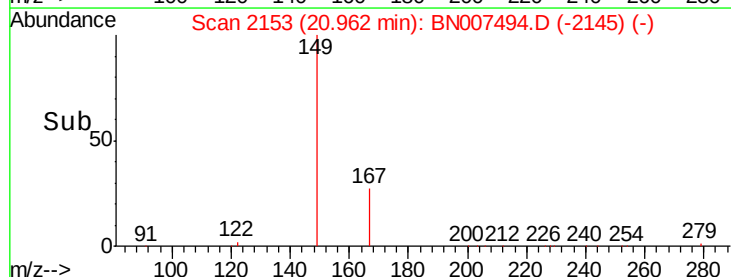
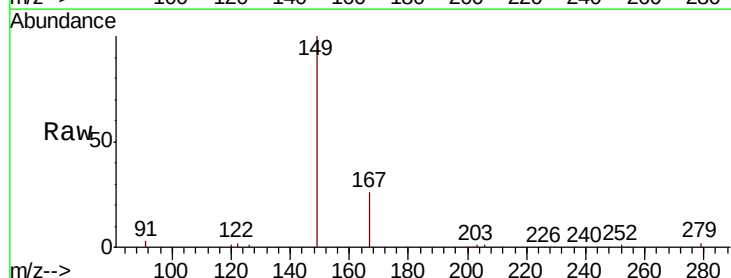
RT: 20.96 min Scan# 2153

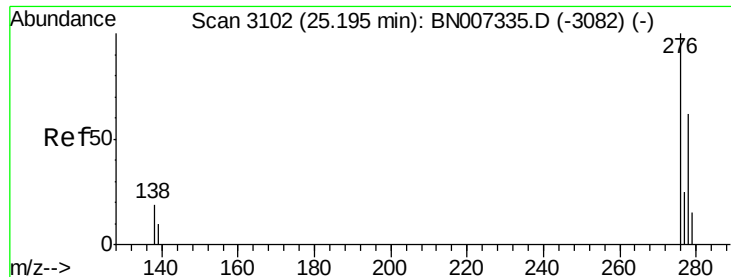
Delta R.T. -0.01 min

Lab File: BN007494.D

Acq: 29 Aug 2019 09:21

Tgt Ion:	149	Resp:	30112
Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.8	34.2
279	4.4	3.5	5.3





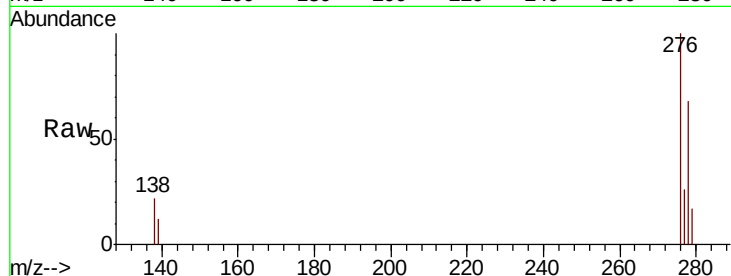
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.281 ng
RT: 25.20 min Scan# 3104
Delta R.T. 0.00 min
Lab File: BN007494.D
Acq: 29 Aug 2019 09:21

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.4	15.1	22.7
277	24.2	19.7	29.5

Manual Integrations
APPROVED

JAGRUT
8/30/2019 8:57:54 AM

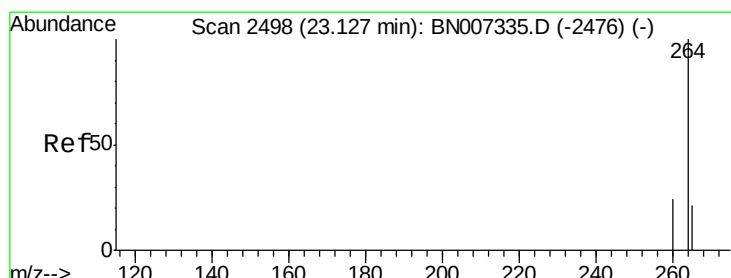
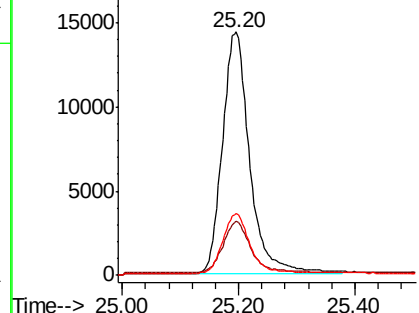
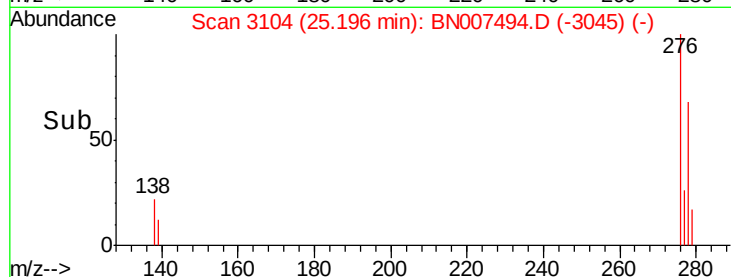


Abundance

Ion 276.00 (275.70 to 276.70): E

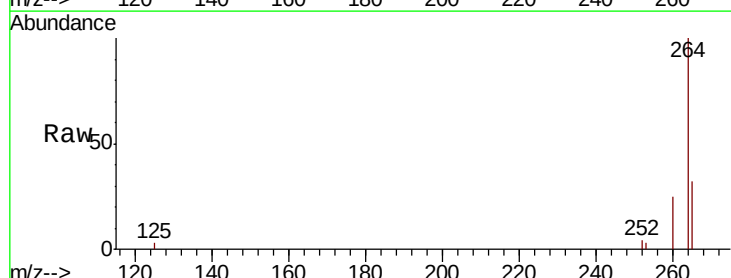
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34
Perylene-d12
Concen: 0.400 ng
RT: 23.12 min Scan# 2498
Delta R.T. -0.01 min
Lab File: BN007494.D
Acq: 29 Aug 2019 09:21

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.7	29.5
265	32.1	29.9	44.9

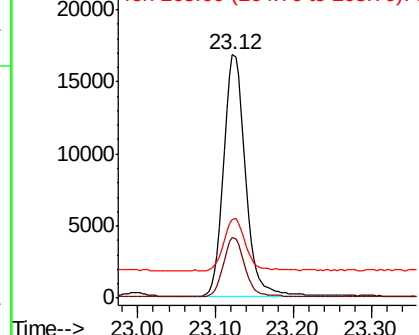
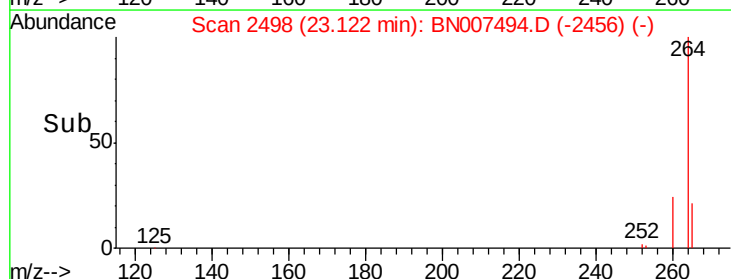


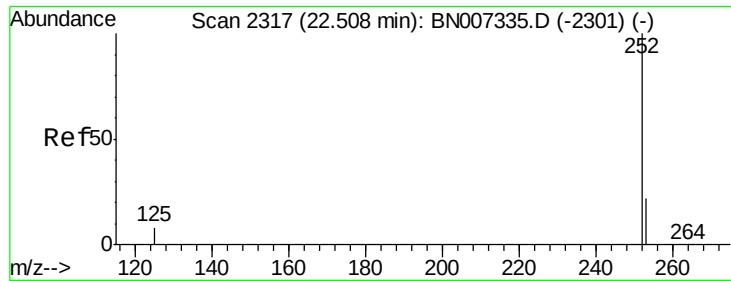
Abundance

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





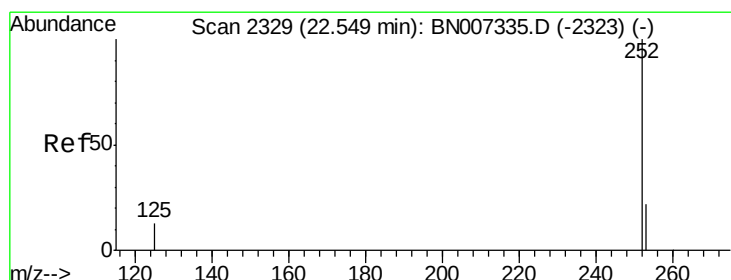
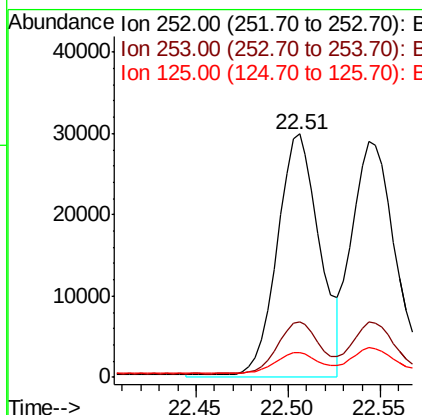
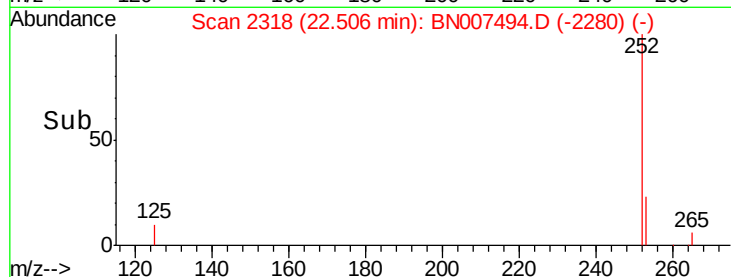
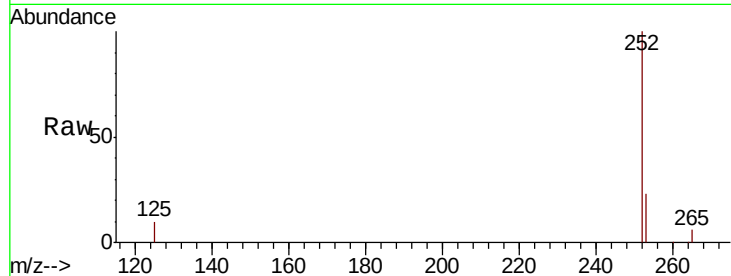
#35
Benzo(b)fluoranthene
Concen: 0.418 ng m
RT: 22.51 min Scan# 2318
Delta R.T. -0.00 min
Lab File: BN007494.D
Acq: 29 Aug 2019 09:21

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	19.2	28.8
125	10.3	10.6	16.0#

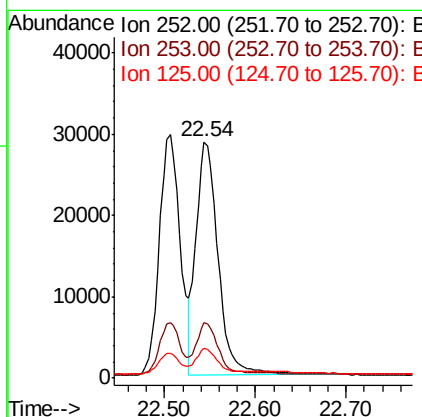
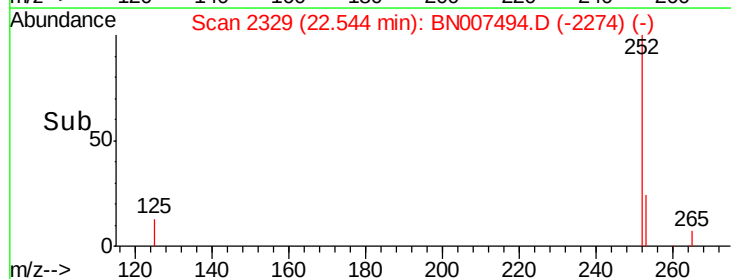
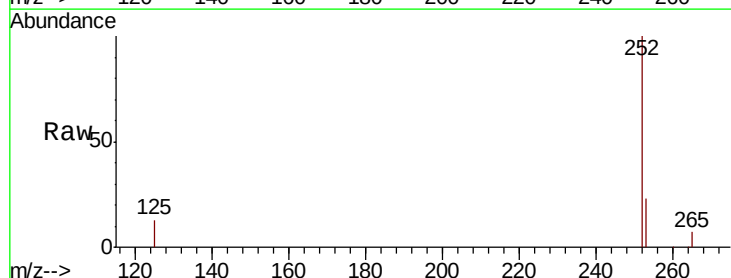
Manual Integrations
APPROVED

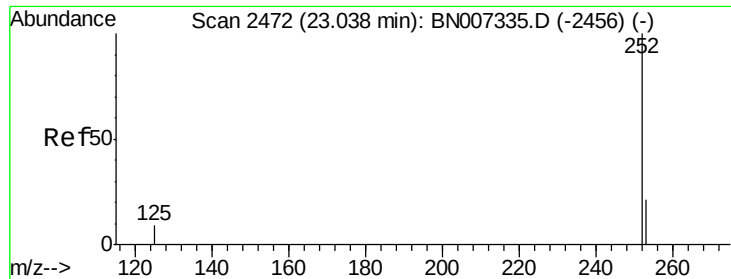
JAGRUT
8/30/2019 8:57:54 AM



#36
Benzo(k)fluoranthene
Concen: 0.420 ng
RT: 22.54 min Scan# 2329
Delta R.T. -0.01 min
Lab File: BN007494.D
Acq: 29 Aug 2019 09:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	19.4	29.2
125	12.6	13.1	19.7#





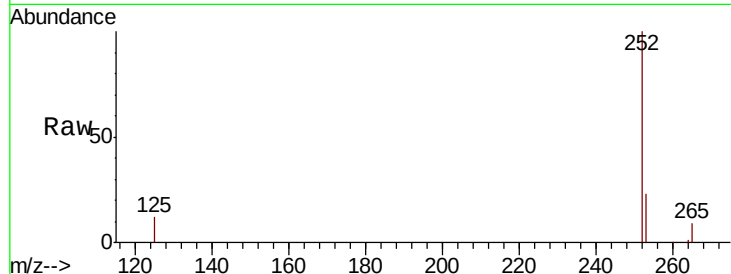
#37
Benzo(a)pyrene
Concen: 0.380 ng
RT: 23.04 min Scan# 2473
Delta R.T. -0.00 min
Lab File: BN007494.D
Acq: 29 Aug 2019 09:21

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	19.5	29.3
125	11.9	12.1	18.1

Manual Integrations
APPROVED

JAGRUT
8/30/2019 8:57:54 AM

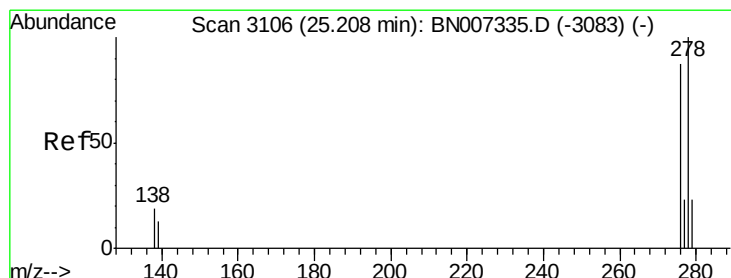
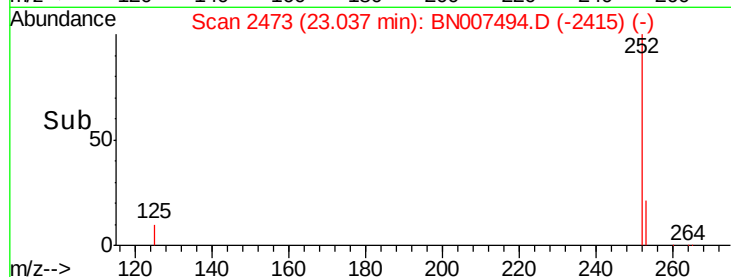
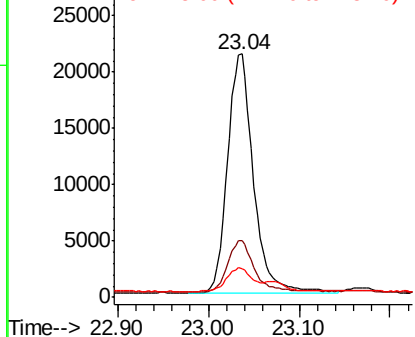


Abundance

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: 0.333 ng
RT: 25.21 min Scan# 3107
Delta R.T. -0.00 min
Lab File: BN007494.D
Acq: 29 Aug 2019 09:21

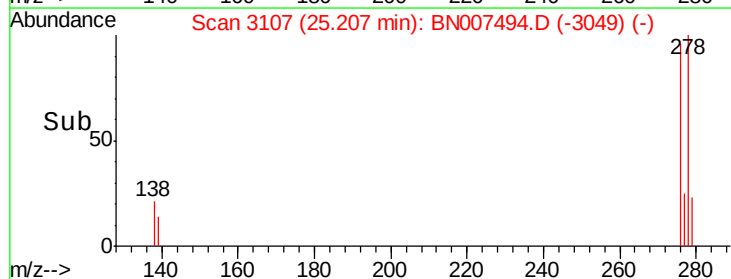
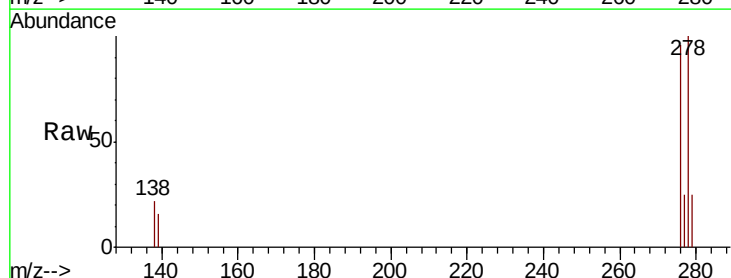
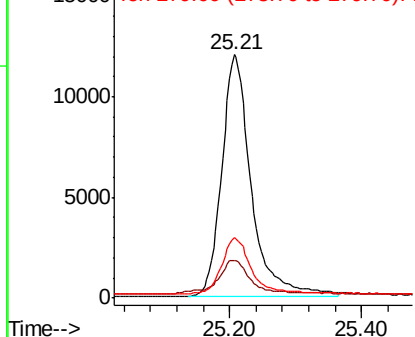
Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.7	13.7	20.5
279	24.9	20.2	30.4

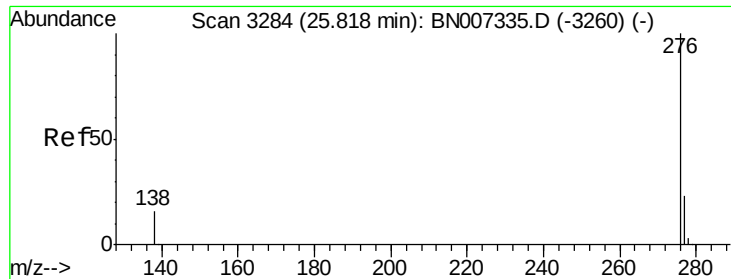
Abundance

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: 0.345 ng

RT: 25.81 min Scan# 3284

Delta R.T. -0.01 min

Lab File: BN007494.D

Acq: 29 Aug 2019 09:21

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:	276	Resp:	38330
Ion Ratio	Lower	Upper	
276	100		
277	24.5	19.6	29.4
138	19.2	16.3	24.5

Manual Integrations
APPROVED

JAGRUT
8/30/2019 8:57:54 AM

