

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101718\
 Data File : BN003183.D
 Acq On : 17 Oct 2018 17:07
 Operator : MJ/SJ
 Sample : PB113776BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB113776BSD

Manual Integrations
 APPROVED

Sohil
 10/18/2018 4:40:54 PM

Quant Time: Oct 18 15:57:23 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN101718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 15:26:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	650	0.40	ng	0.03
7) Naphthalene-d8	10.48	136	3053	0.40	ng	0.05
13) Acenaphthene-d10	14.30	164	2081	0.40	ng	0.02
19) Phenanthrene-d10	17.07	188	5883	0.40	ng	0.02
27) Chrysene-d12	21.26	240	7922	0.40	ng	0.01
34) Perylene-d12	23.49	264	8751	0.40	ng	0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.38	112	393m	0.27	ng	0.08
5) Phenol-d6	7.06	99	494m	0.24	ng	0.12
8) Nitrobenzene-d5	8.98	82	462m	0.24	ng	0.12
11) 2-Methylnaphthalene-d10	12.11	152	1533	0.30	ng	0.07
14) 2,4,6-Tribromophenol	15.87	330	274	0.21	ng	0.04
15) 2-Fluorobiphenyl	12.97	172	1781	0.22	ng	0.04
25) Fluoranthene-d10	19.10	212	4242	0.23	ng	0.02
29) Terphenyl-d14	19.70	244	3154	0.18	ng	0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.22	88	411	0.441	ng	# 26
3) n-Nitrosodimethylamine	3.59	42	29	0.205	ng	# 26
6) bis(2-Chloroethyl)ether	7.19	93	488m	0.284	ng	
9) Naphthalene	10.53	128	1845	0.243	ng	# 77
10) Hexachlorobutadiene	10.73	225	318	0.214	ng	# 98
12) 2-Methylnaphthalene	12.19	142	1206	0.232	ng	# 94
16) Acenaphthylene	14.04	152	2120	0.224	ng	98
17) Acenaphthene	14.37	154	1421	0.226	ng	98
18) Fluorene	15.39	166	1950	0.238	ng	98
20) 4-Bromophenyl-phenylether	16.27	248	669m	0.204	ng	
21) Hexachlorobenzene	16.38	284	758m	0.209	ng	
22) Pentachlorophenol	16.79	266	131	0.241	ng	# 79
23) Phenanthrene	17.11	178	3494	0.227	ng	100
24) Anthracene	17.23	178	3049	0.216	ng	100
26) Fluoranthene	19.13	202	4861	0.246	ng	99
28) Pyrene	19.49	202	4995	0.225	ng	99
30) Benzo(a)anthracene	21.26	228	4935	0.232	ng	97
31) Chrysene	21.30	228	5800	0.238	ng	98
32) Bis(2-ethylhexyl)phthalate	21.14	149	2718	0.216	ng	99
33) Indeno(1,2,3-cd)pyrene	25.75	276	7101	0.247	ng	98
35) Benzo(b)fluoranthene	22.83	252	5545	0.235	ng	96
36) Benzo(k)fluoranthene	22.88	252	7099	0.255	ng	# 95
37) Benzo(a)pyrene	23.41	252	6104	0.251	ng	# 92
38) Dibenzo(a,h)anthracene	25.75	278	5974	0.240	ng	# 96
39) Benzo(g,h,i)perylene	26.42	276	6294	0.250	ng	96

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

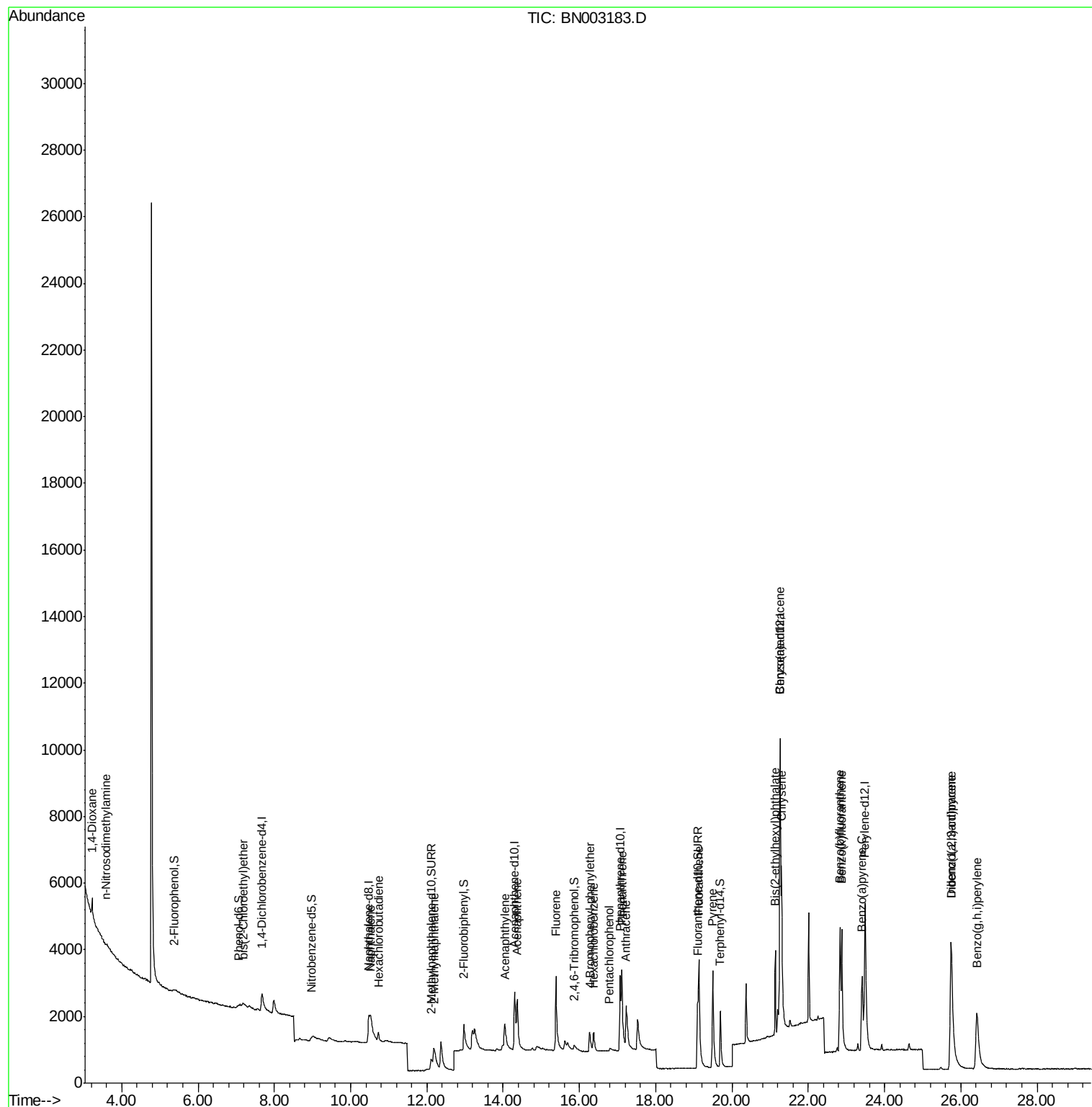
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101718\
Data File : BN003183.D
Acq On : 17 Oct 2018 17:07
Operator : MJ/SJ
Sample : PB113776BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

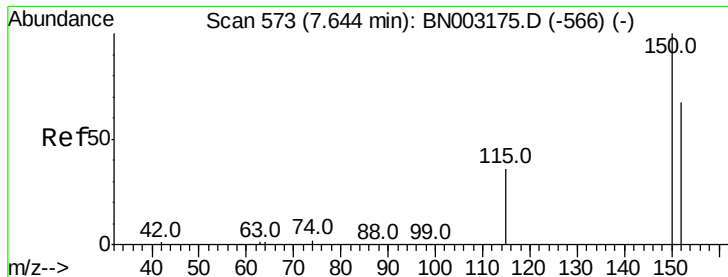
Instrument :
BNA_N
ClientSampleId :
PB113776BSD

Manual Integrations
APPROVED

Sohil
10/18/2018 4:40:54 PM

Quant Time: Oct 18 15:57:23 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN101718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 18 15:26:23 2018
Response via : Initial Calibration





#1

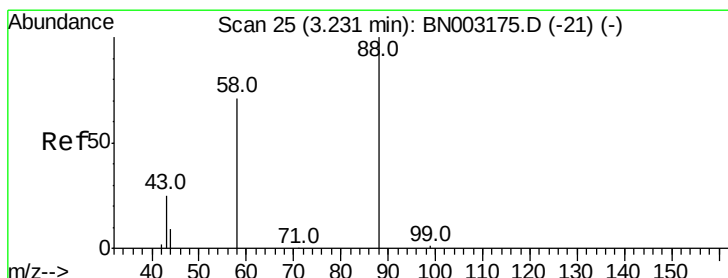
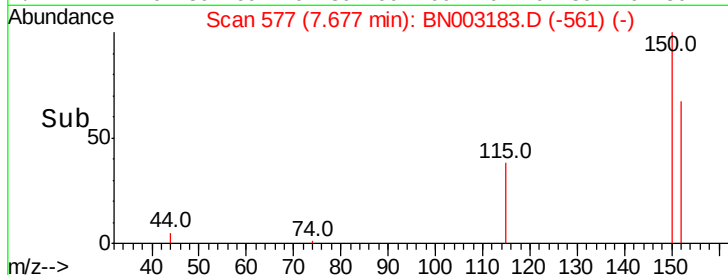
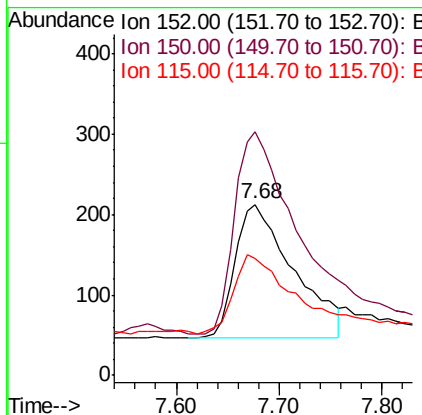
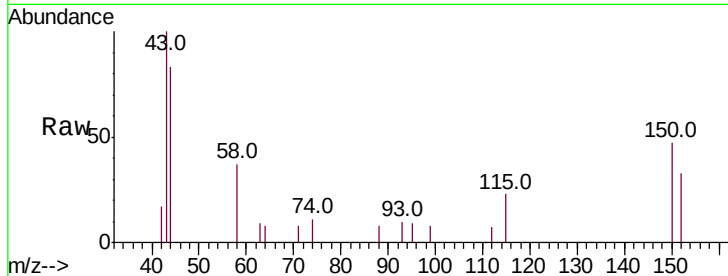
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.68 min Scan# 577
Delta R.T. 0.03 min
Lab File: BN003183.D
Acq: 17 Oct 2018 17:07

Instrument :
BNA_N
ClientSampleId :
PB113776BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	142.3	126.2	189.4
115	68.5	49.8	74.6

Manual Integrations
APPROVED

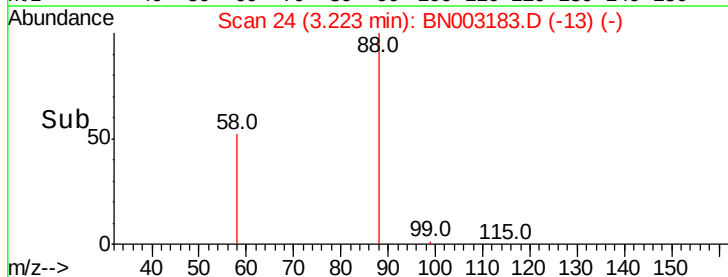
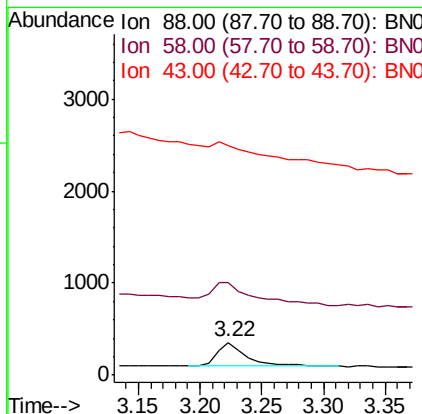
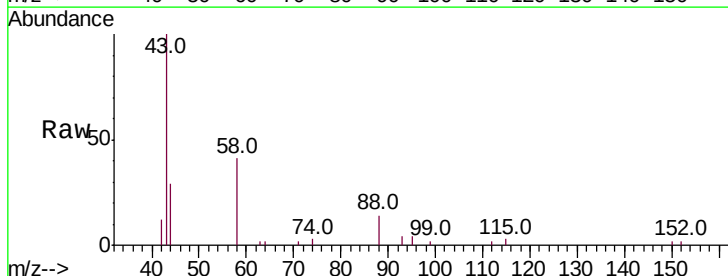
Sohil
10/18/2018 4:40:54 PM

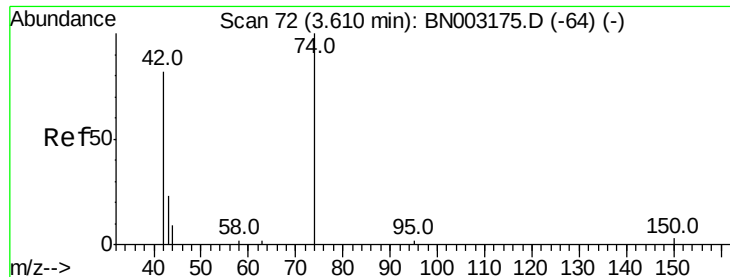


#2

1,4-Dioxane
Concen: 0.441 ng
RT: 3.22 min Scan# 24
Delta R.T. -0.01 min
Lab File: BN003183.D
Acq: 17 Oct 2018 17:07

Tgt Ion	Ratio	Lower	Upper
88	100		
58	155.7	66.7	100.1#
43	0.0	24.6	37.0#





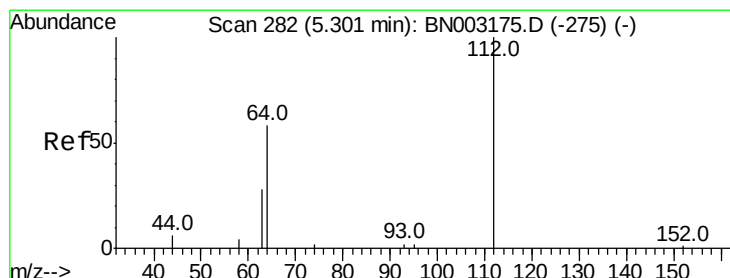
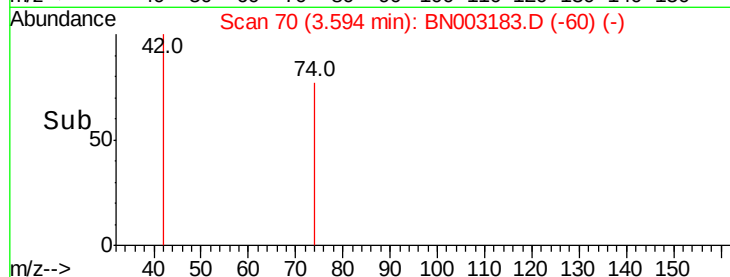
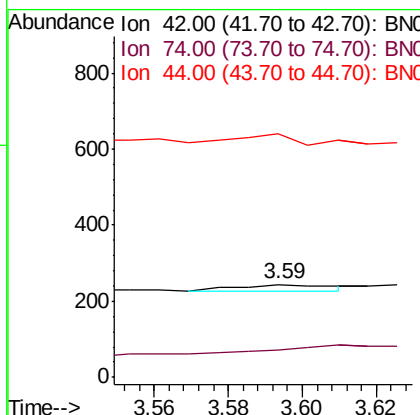
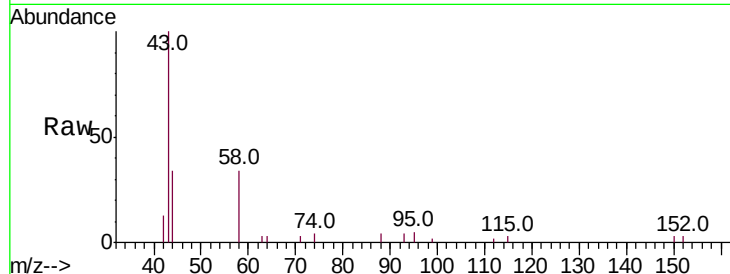
#3
n-Nitrosodimethylamine
Concen: 0.205 ng
RT: 3.59 min Scan# 70
Delta R.T. -0.02 min
Lab File: BN003183.D
Acq: 17 Oct 2018 17:07

Instrument :
BNA_N
ClientSampleId :
PB113776BSD

Tot Ion:	42	Resp:	29
Ion Ratio	Lower	Upper	
42	100		
74	213.8	102.9	154.3#
44	134.5	0.0	0.0#

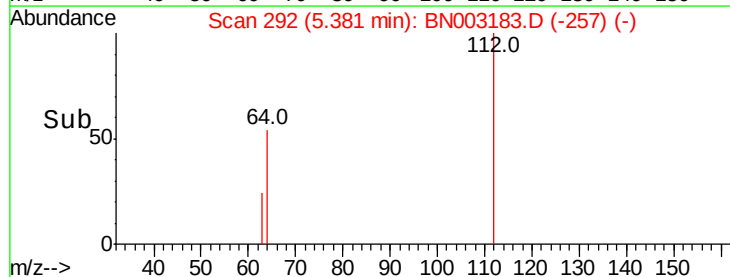
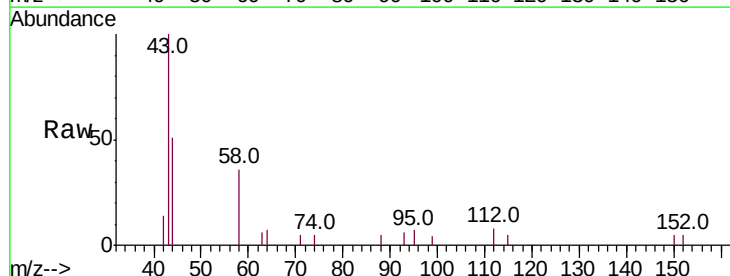
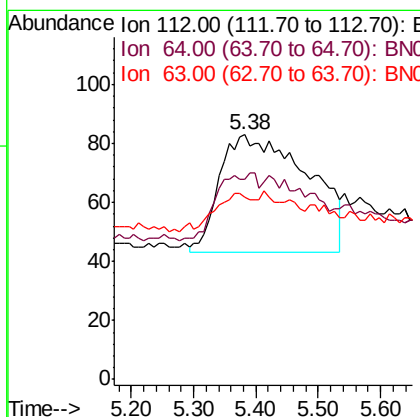
Manual Integrations
APPROVED

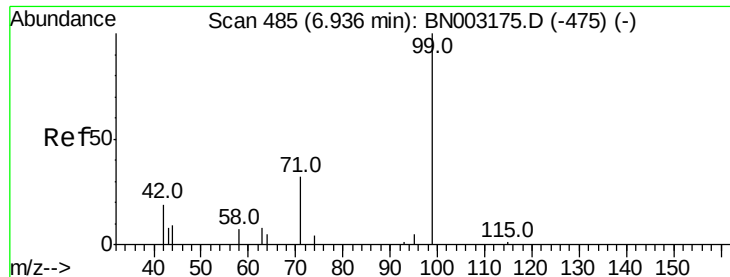
Sohil
10/18/2018 4:40:54 PM



#4
2-Fluorophenol
Concen: 0.274 ng m
RT: 5.38 min Scan# 292
Delta R.T. 0.08 min
Lab File: BN003183.D
Acq: 17 Oct 2018 17:07

Tgt Ion:	112	Resp:	393
Ion Ratio	Lower	Upper	
112	100		
64	16.5	49.0	73.4#
63	10.7	25.9	38.9#





#5

Phenol-d6

Concen: 0.241 ng m

RT: 7.06 min Scan# 500

Delta R.T. 0.12 min

Lab File: BN003183.D

Acq: 17 Oct 2018 17:07

Instrument :

BNA_N

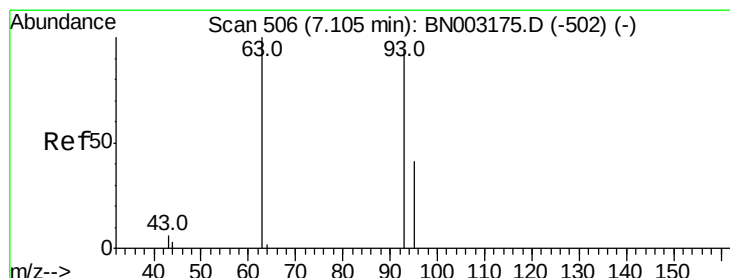
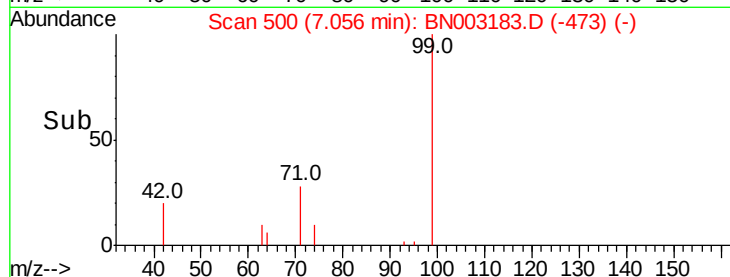
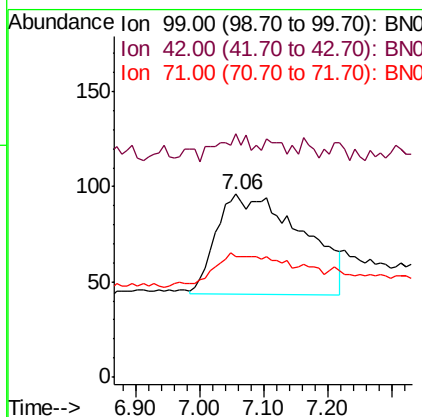
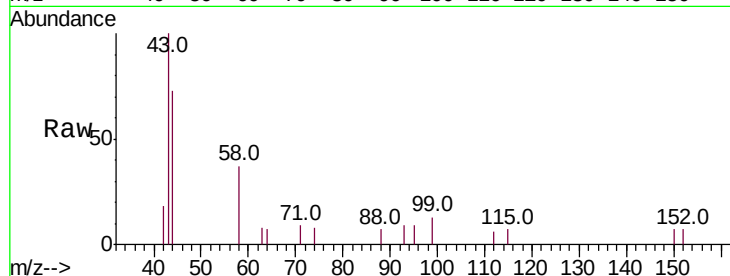
ClientSampleId :

PB113776BSD

Tot Ion:	99	Resp:	494
Ion	Ratio	Lower	Upper
99	100		
42	10.9	15.4	23.2#
71	8.7	26.0	39.0#

Manual Integrations
APPROVED

Sohil
10/18/2018 4:40:54 PM



#6

bis(2-Chloroethyl)ether

Concen: 0.284 ng m

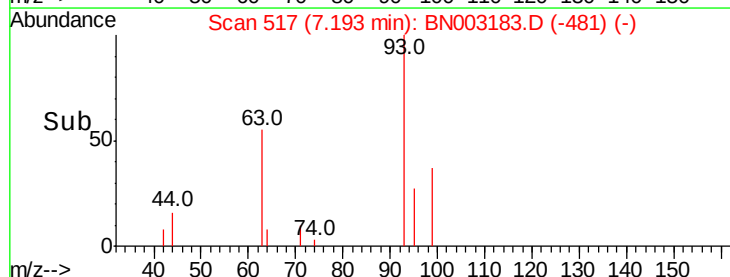
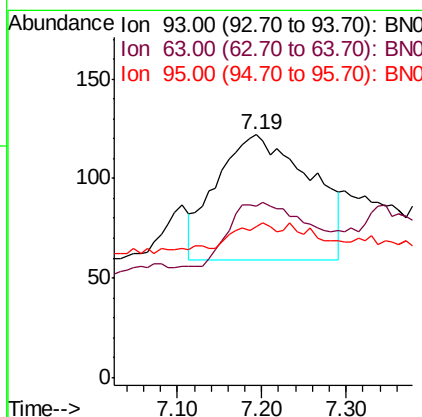
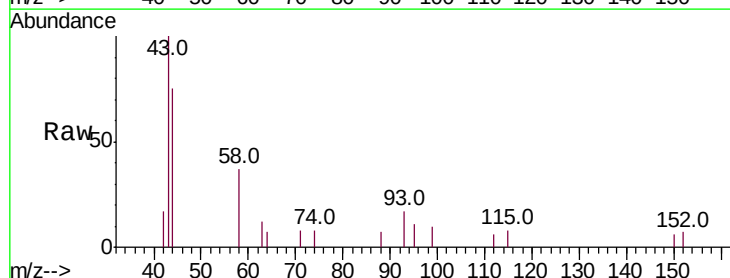
RT: 7.19 min Scan# 517

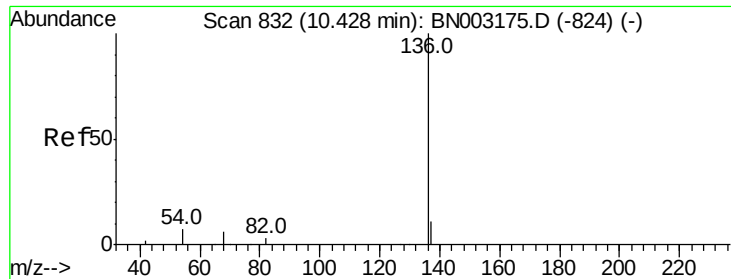
Delta R.T. 0.09 min

Lab File: BN003183.D

Acq: 17 Oct 2018 17:07

Tgt Ion:	93	Resp:	488
Ion	Ratio	Lower	Upper
93	100		
63	0.0	54.2	81.4#
95	0.4	24.9	37.3#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.48 min Scan# 836

Delta R.T. 0.05 min

Lab File: BN003183.D

Acq: 17 Oct 2018 17:07

Instrument :

BNA_N

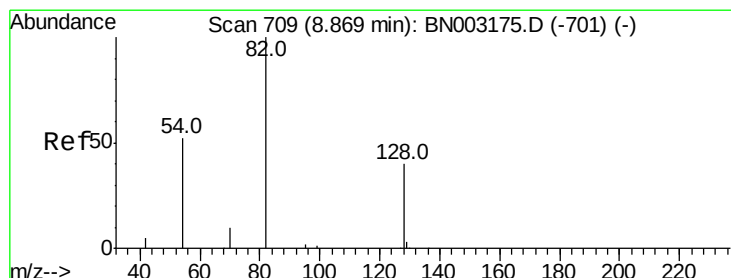
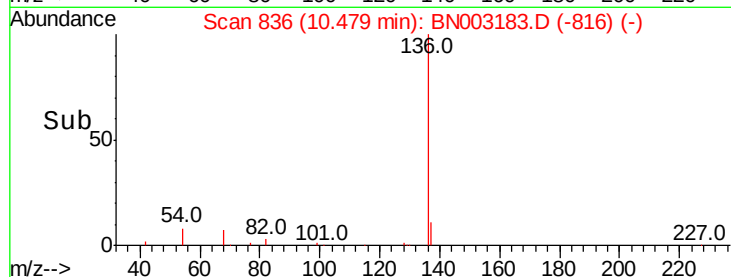
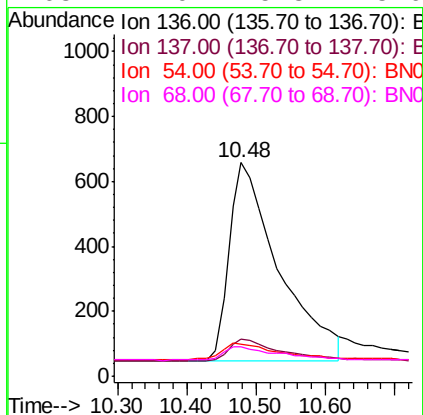
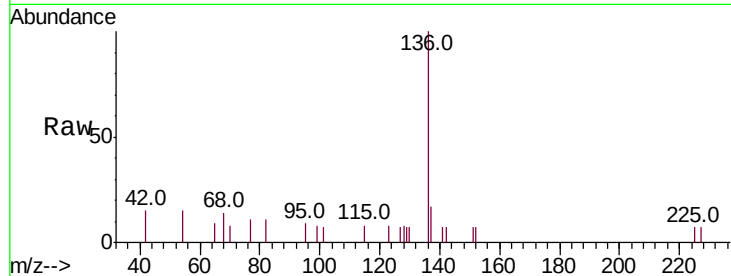
ClientSampleId :

PB113776BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	17.5	9.4	14.0#	
54	15.2	7.4	11.0#	
68	14.0	5.8	8.6#	

Manual Integrations
APPROVED

Sohil
10/18/2018 4:40:54 PM



#8

Nitrobenzene-d5

Concen: 0.235 ng m

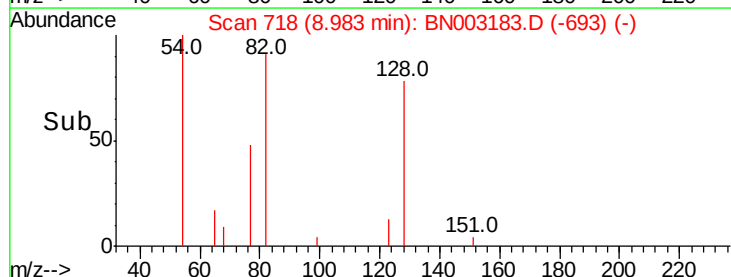
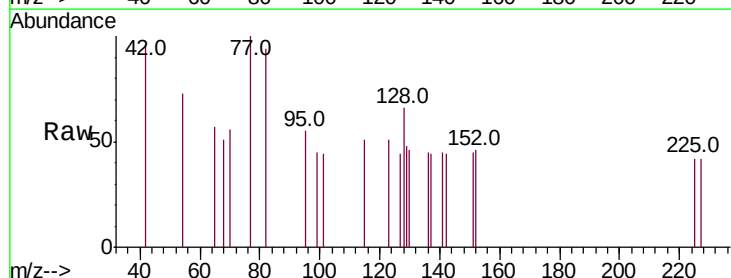
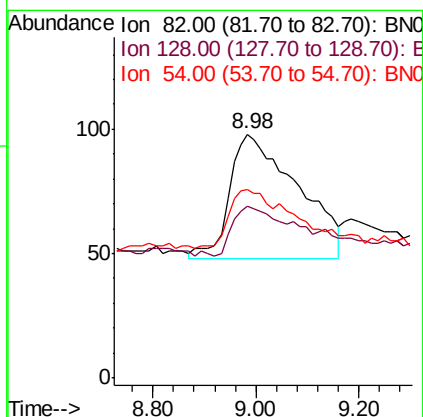
RT: 8.98 min Scan# 718

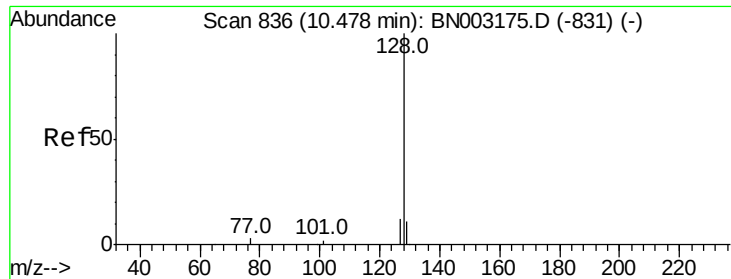
Delta R.T. 0.12 min

Lab File: BN003183.D

Acq: 17 Oct 2018 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	70.4	38.2	57.4#	
54	77.6	44.1	66.1#	





#9

Naphthalene

Concen: 0.243 ng

RT: 10.53 min Scan# 840

Delta R.T. 0.05 min

Lab File: BN003183.D

Acq: 17 Oct 2018 17:07

Instrument :

BNA_N

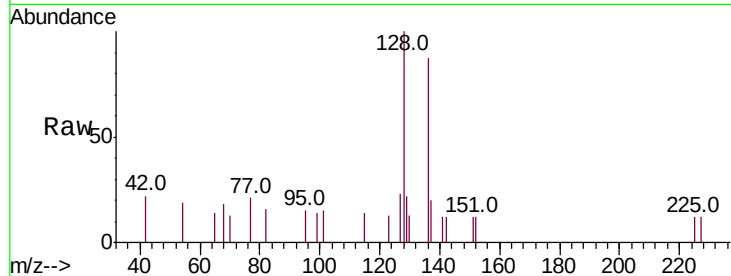
ClientSampleId :

PB113776BSD

Tot Ion:	128	Resp:	1845
Ion Ratio	Lower	Upper	
128	100		
129	22.0	9.8	14.6#
127	23.3	11.4	17.2#

Manual Integrations
APPROVED

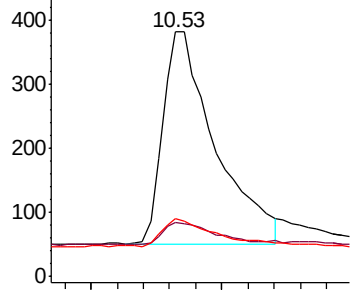
Sohil
10/18/2018 4:40:54 PM



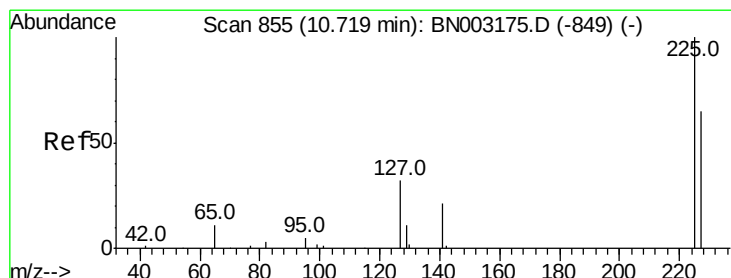
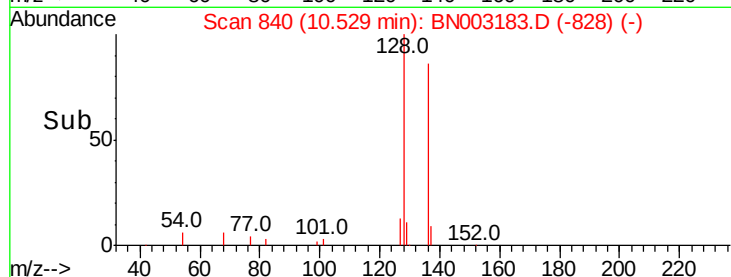
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



Time-->



#10

Hexachlorobutadiene

Concen: 0.214 ng

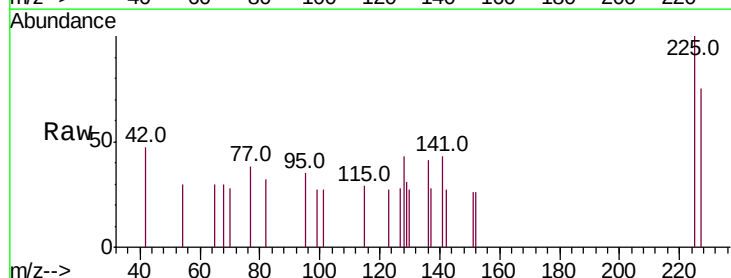
RT: 10.73 min Scan# 856

Delta R.T. 0.01 min

Lab File: BN003183.D

Acq: 17 Oct 2018 17:07

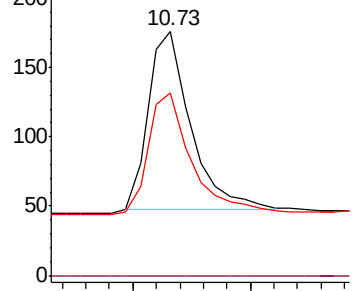
Tgt Ion:	225	Resp:	318
Ion Ratio	Lower	Upper	
225	100		
223	0.0	0.0	0.0
227	66.0	51.8	77.8



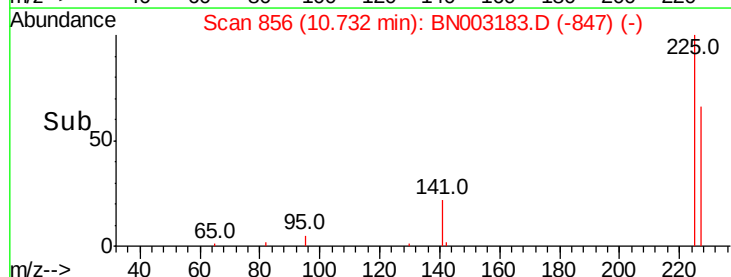
Abundance Ion 225.00 (224.70 to 225.70): E

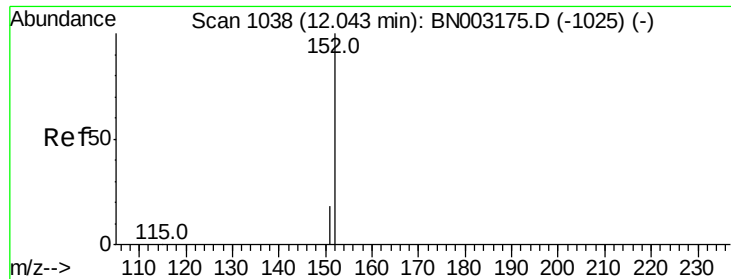
Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



Time-->





#11

2-Methylnaphthalene-d10

Concen: 0.297 ng

RT: 12.11 min Scan# 1053

Delta R.T. 0.07 min

Lab File: BN003183.D

Acq: 17 Oct 2018 17:07

Instrument :

BNA_N

ClientSampleId :

PB113776BSD

Tot Ion:152 Resp: 1533

Ion Ratio Lower Upper

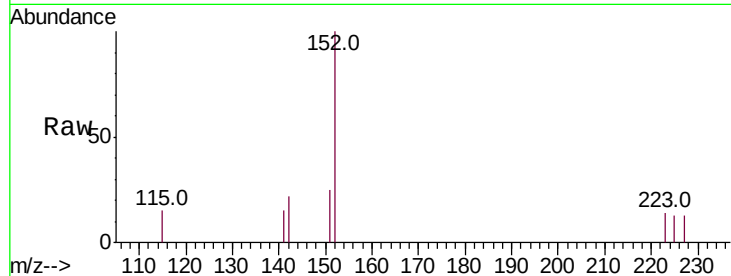
152 100

151 12.7 15.0 22.4#

Manual Integrations
APPROVED

Sohil

10/18/2018 4:40:54 PM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.11

300

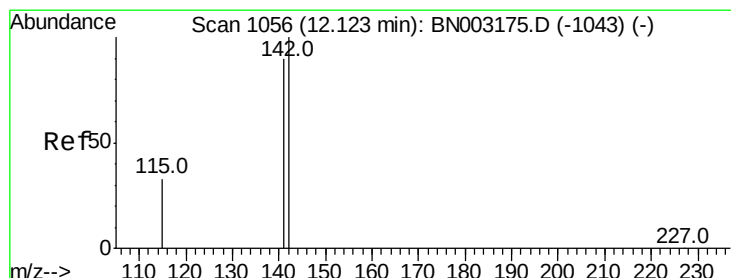
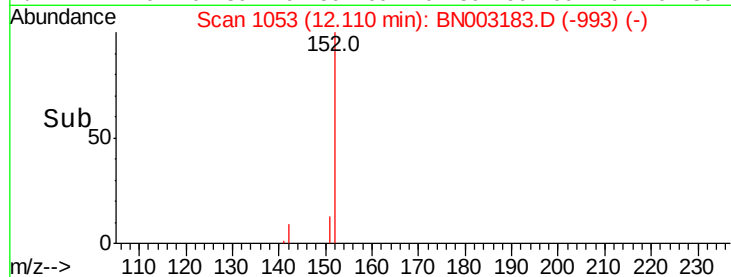
200

100

0

Time-->

12.00 12.10 12.20 12.30



#12

2-Methylnaphthalene

Concen: 0.232 ng

RT: 12.19 min Scan# 1070

Delta R.T. 0.06 min

Lab File: BN003183.D

Acq: 17 Oct 2018 17:07

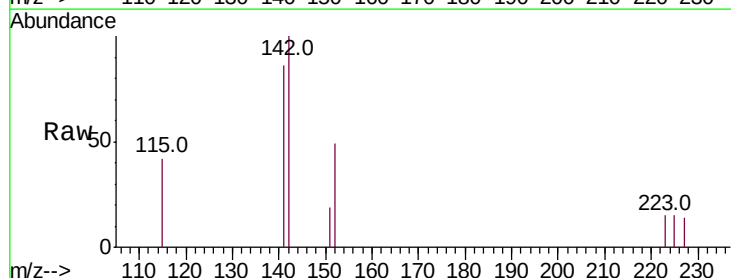
Tgt Ion:142 Resp: 1206

Ion Ratio Lower Upper

142 100

141 85.8 71.5 107.3

115 42.3 28.1 42.1#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

600

500

400

300

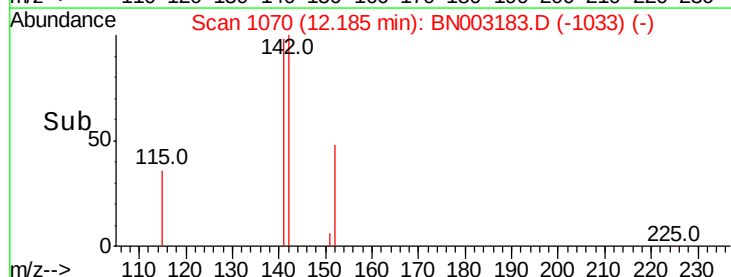
200

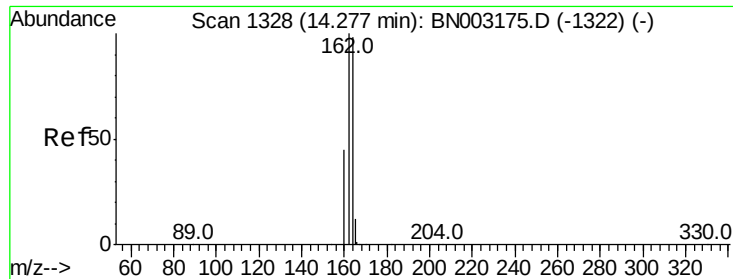
100

0

Time-->

12.10 12.20 12.30





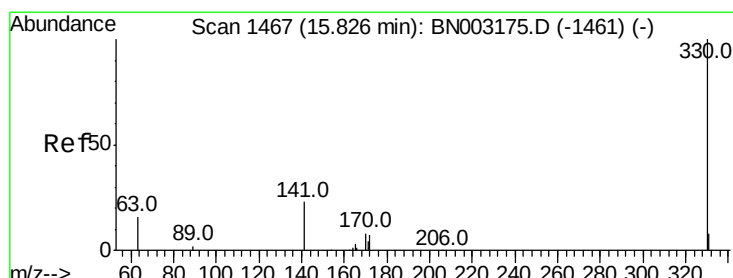
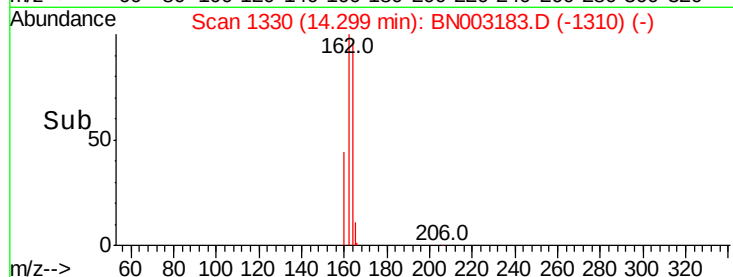
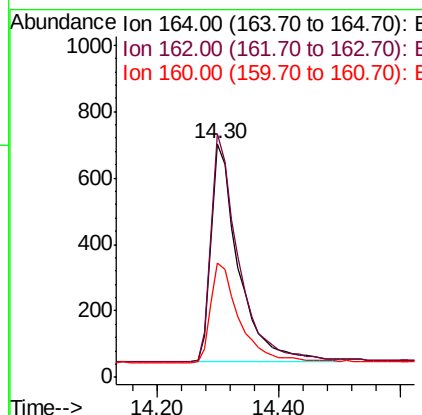
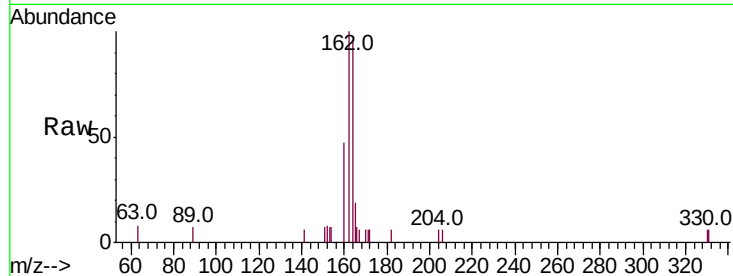
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.30 min Scan# 1330
Delta R.T. 0.02 min
Lab File: BN003183.D
Acq: 17 Oct 2018 17:07

Instrument :
BNA_N
ClientSampleId :
PB113776BSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.3	81.7	122.5
160	48.9	36.3	54.5

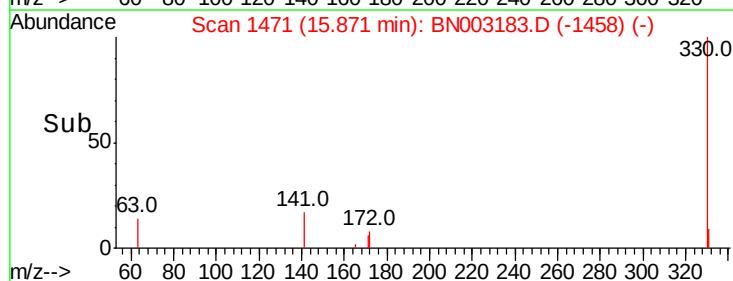
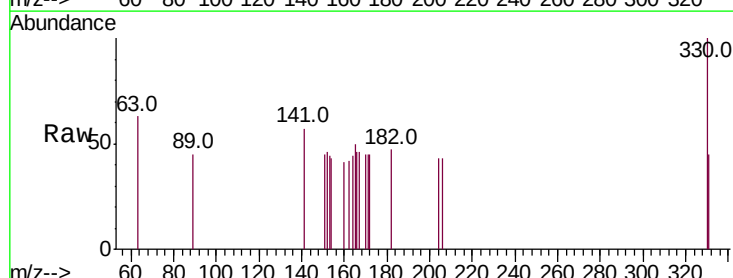
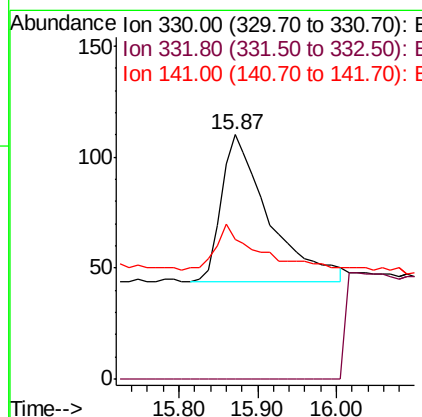
Manual Integrations
APPROVED

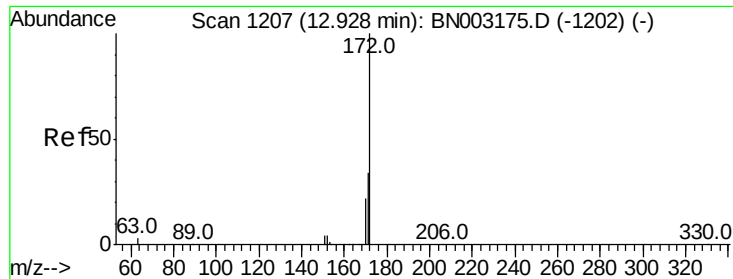
Sohil
10/18/2018 4:40:54 PM



#14
2,4,6-Tribromophenol
Concen: 0.207 ng
RT: 15.87 min Scan# 1471
Delta R.T. 0.04 min
Lab File: BN003183.D
Acq: 17 Oct 2018 17:07

Tgt Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	27.7	22.6	33.8





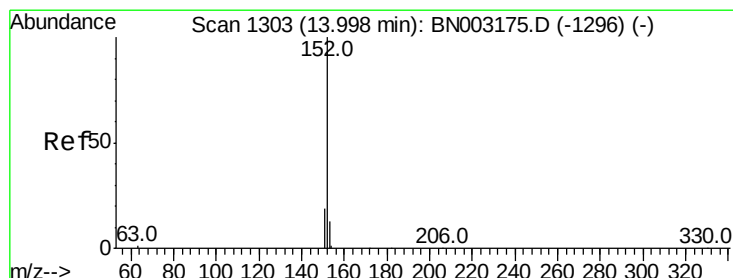
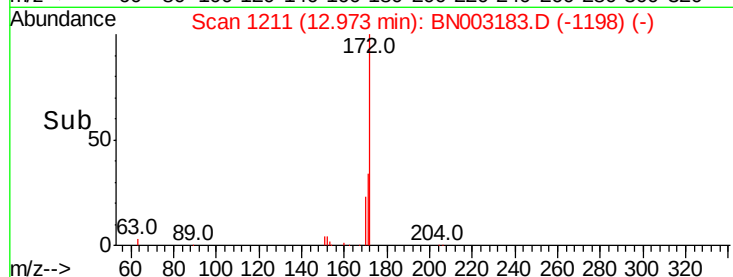
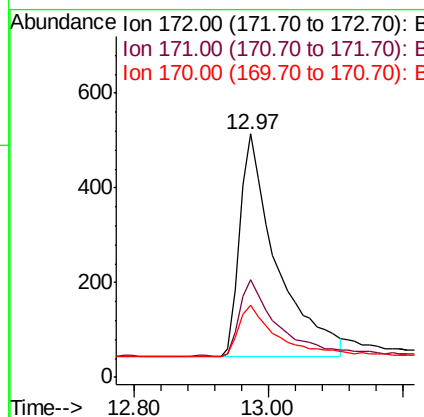
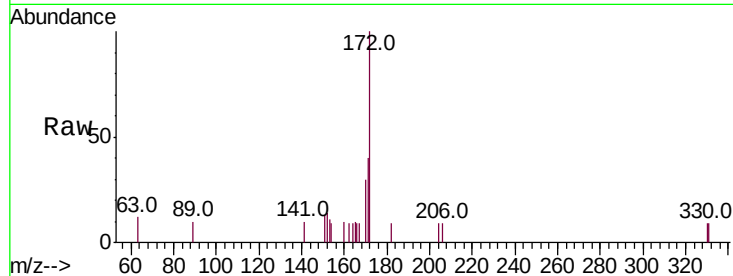
#15
2-Fluorobiphenyl
Concen: 0.217 ng
RT: 12.97 min Scan# 1211
Delta R.T. 0.04 min
Lab File: BN003183.D
Acq: 17 Oct 2018 17:07

Instrument :
BNA_N
ClientSampleId :
PB113776BSD

Tot Ion:	172	Resp:	1781
Ion Ratio	Lower	Upper	
172	100		
171	40.1	28.6	43.0
170	29.8	18.6	27.8#

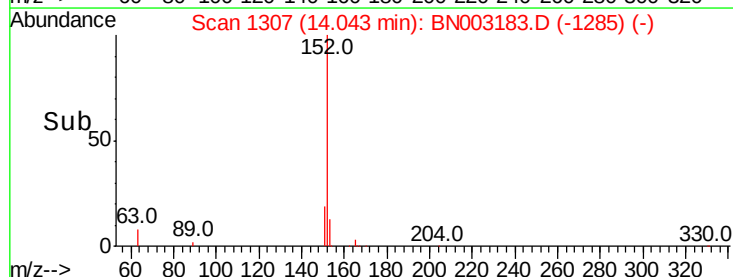
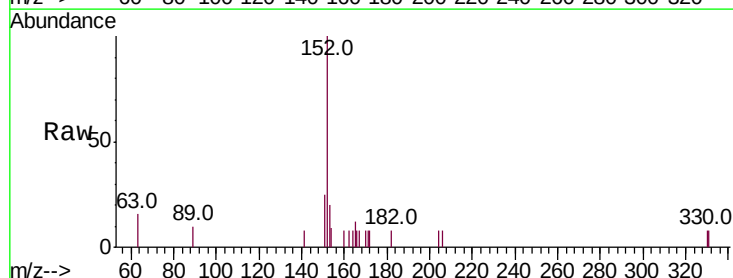
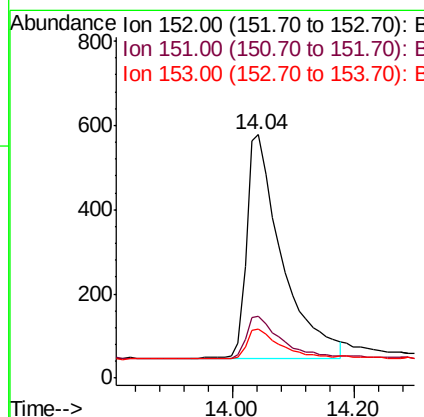
Manual Integrations
APPROVED

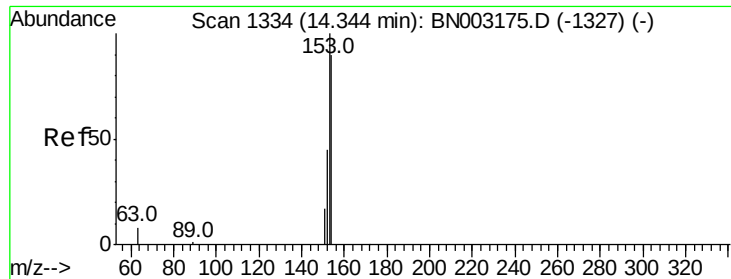
Sohil
10/18/2018 4:40:54 PM



#16
Acenaphthylene
Concen: 0.224 ng
RT: 14.04 min Scan# 1307
Delta R.T. 0.04 min
Lab File: BN003183.D
Acq: 17 Oct 2018 17:07

Tgt Ion:	152	Resp:	2120
Ion Ratio	Lower	Upper	
152	100		
151	18.3	15.7	23.5
153	13.1	10.6	16.0





#17

Acenaphthene

Concen: 0.226 ng

RT: 14.37 min Scan# 1336

Delta R.T. 0.02 min

Lab File: BN003183.D

Acq: 17 Oct 2018 17:07

Instrument :

BNA_N

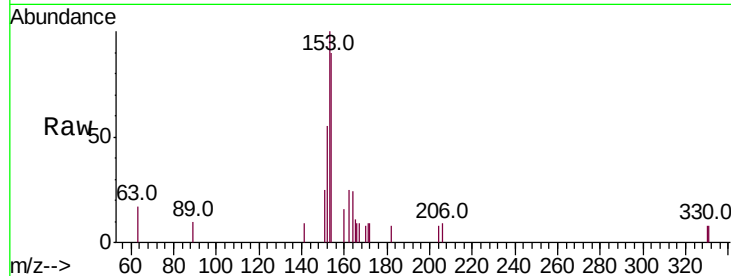
ClientSampleId :

PB113776BSD

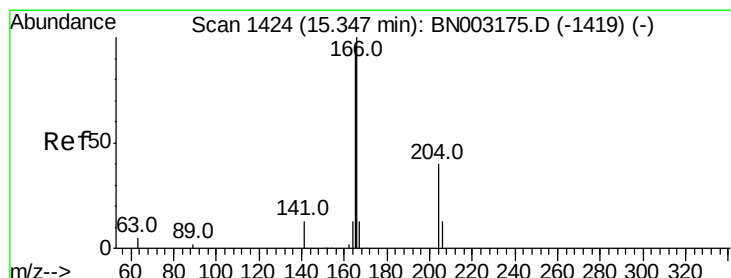
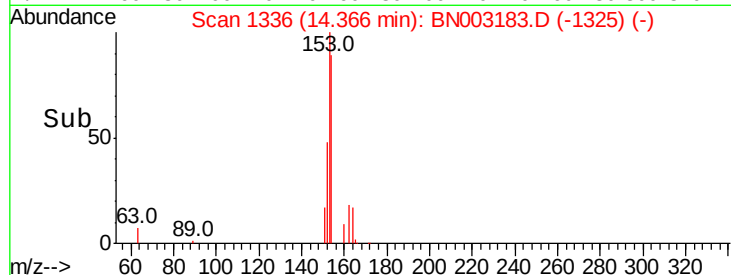
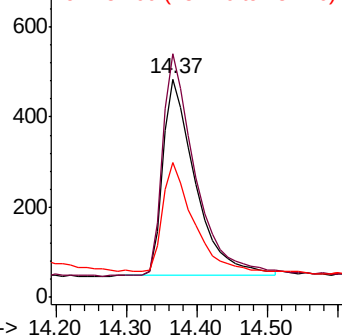
Tot Ion:	154	Resp:	1421
Ion	Ratio	Lower	Upper
154	100		
153	112.9	91.0	136.4
152	51.5	43.8	65.6

Manual Integrations
APPROVED

Sohil
10/18/2018 4:40:54 PM



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: 0.238 ng

RT: 15.39 min Scan# 1428

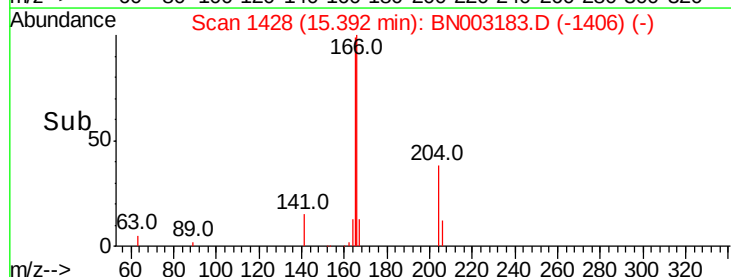
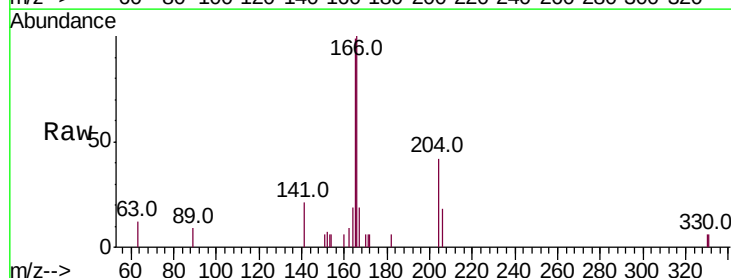
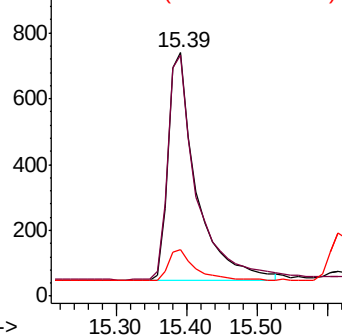
Delta R.T. 0.04 min

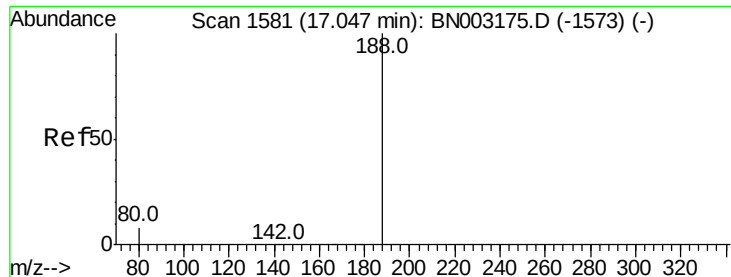
Lab File: BN003183.D

Acq: 17 Oct 2018 17:07

Tgt Ion:	166	Resp:	1950
Ion	Ratio	Lower	Upper
166	100		
165	100.4	78.2	117.2
167	13.5	10.7	16.1

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: 17.07 min Scan# 1583

Delta R.T. 0.02 min

Lab File: BN003183.D

Acq: 17 Oct 2018 17:07

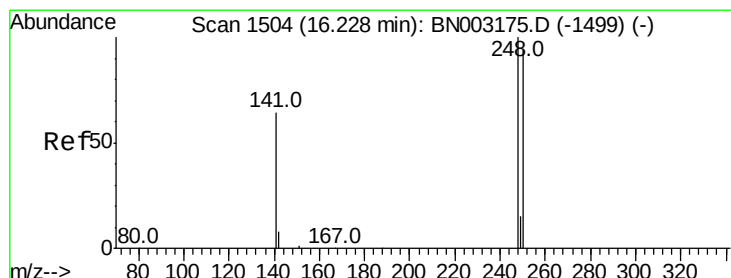
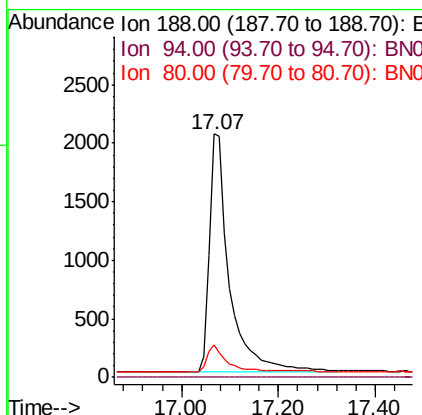
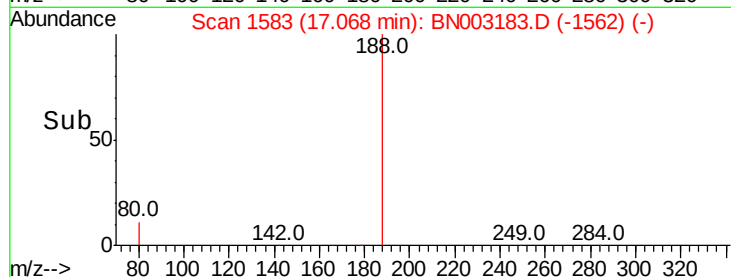
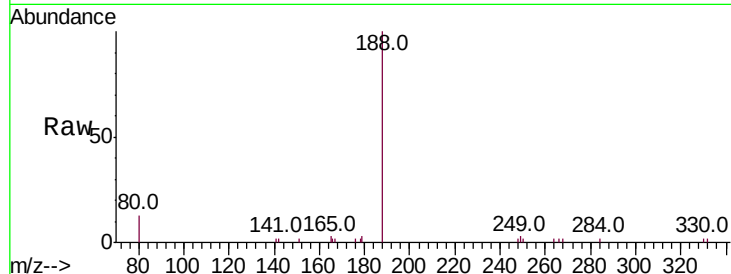
Instrument :
BNA_N

ClientSampleId :
PB113776BSD

Tot Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.2	6.7	10.1

Manual Integrations
APPROVED

Sohil
10/18/2018 4:40:54 PM



#20

4-Bromophenyl-phenylether

Concen: 0.204 ng m

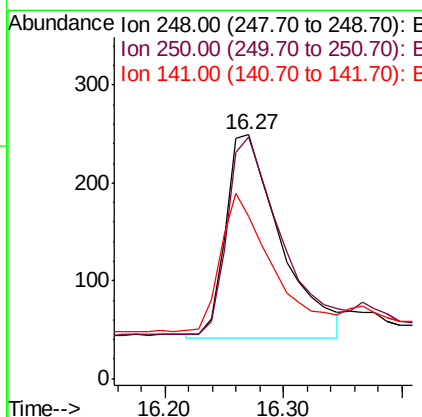
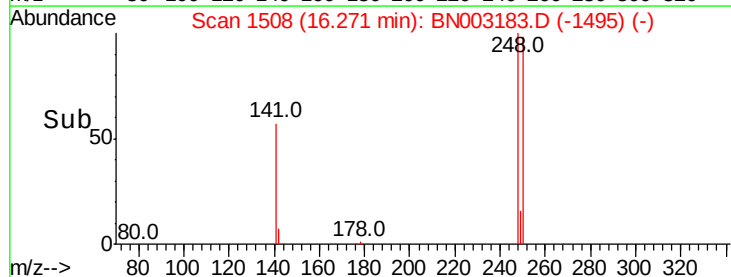
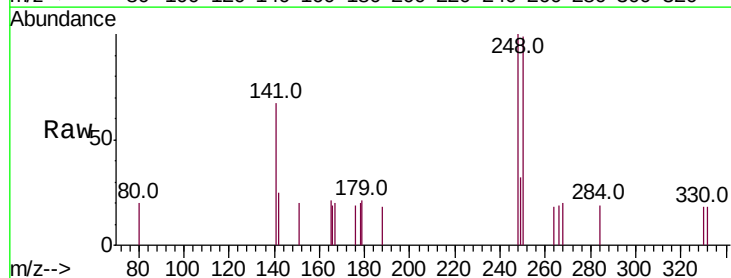
RT: 16.27 min Scan# 1508

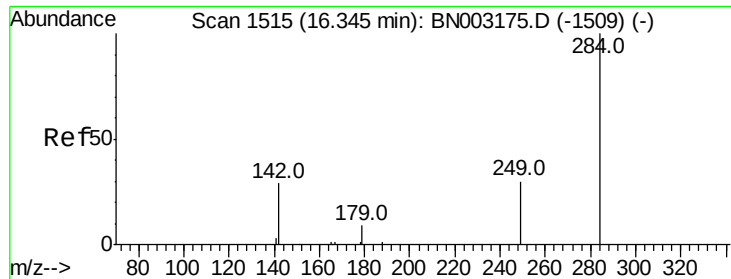
Delta R.T. 0.04 min

Lab File: BN003183.D

Acq: 17 Oct 2018 17:07

Tgt Ion	Ratio	Lower	Upper
248	100		
250	99.2	78.9	118.3
141	66.7	48.5	72.7





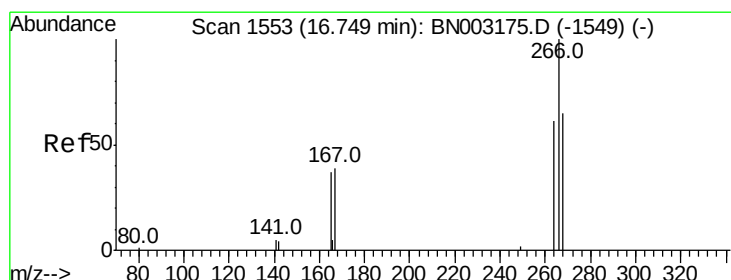
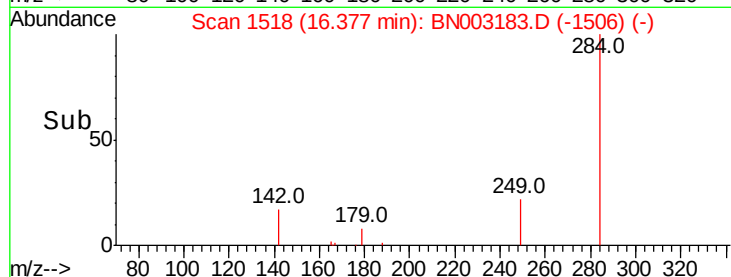
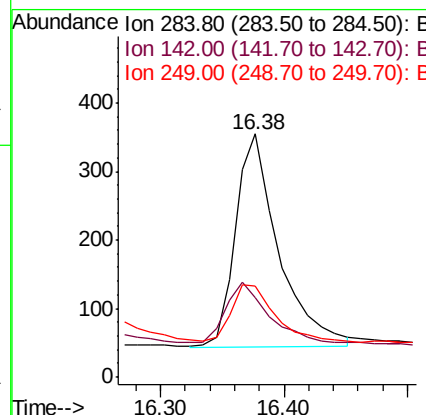
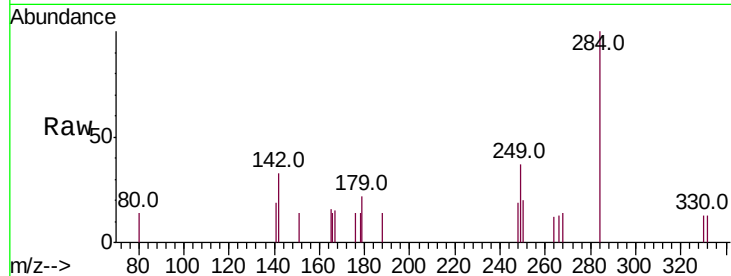
#21
Hexachlorobenzene
Concen: 0.209 ng m
RT: 16.38 min Scan# 1518
Delta R.T. 0.03 min
Lab File: BN003183.D
Acq: 17 Oct 2018 17:07

Instrument :
BNA_N
ClientSampleId :
PB113776BSD

Tot Ion:	284	Resp:	758
Ion Ratio	Lower	Upper	
284	100		
142	27.4	24.6	37.0
249	25.2	22.3	33.5

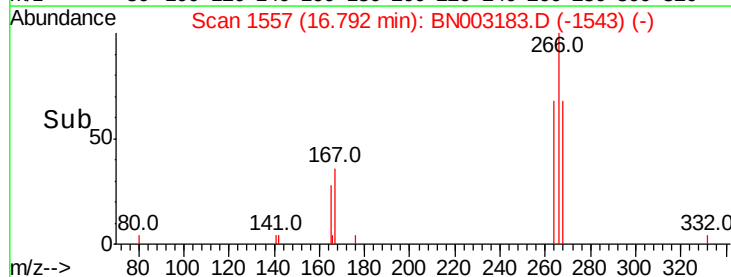
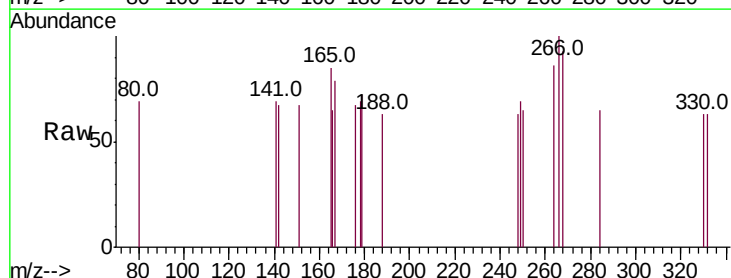
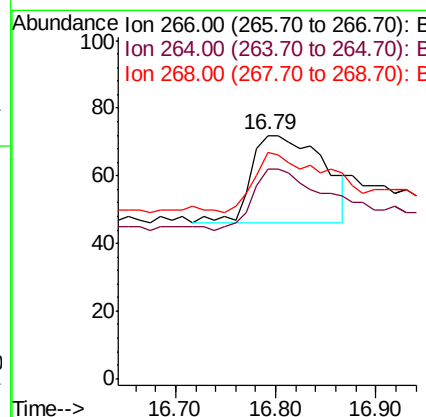
Manual Integrations
APPROVED

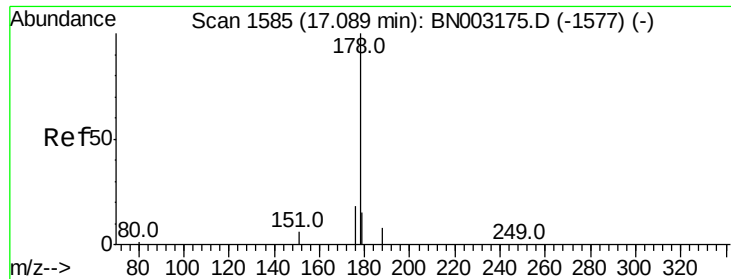
Sohil
10/18/2018 4:40:54 PM



#22
Pentachlorophenol
Concen: 0.241 ng
RT: 16.79 min Scan# 1557
Delta R.T. 0.04 min
Lab File: BN003183.D
Acq: 17 Oct 2018 17:07

Tgt Ion:	266	Resp:	131
Ion Ratio	Lower	Upper	
266	100		
264	86.1	55.0	82.4#
268	93.1	60.6	91.0#





#23

Phenanthrene

Concen: 0.227 ng

RT: 17.11 min Scan# 1587

Delta R.T. 0.02 min

Lab File: BN003183.D

Acq: 17 Oct 2018 17:07

Instrument :

BNA_N

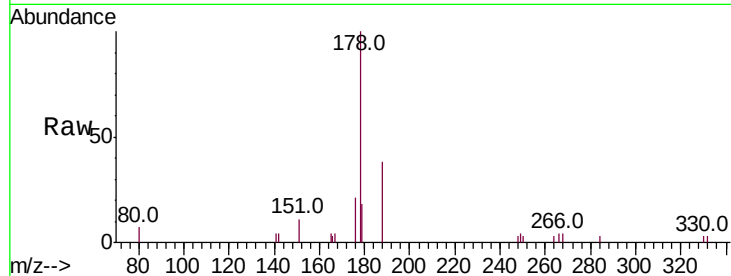
ClientSampleId :

PB113776BSD

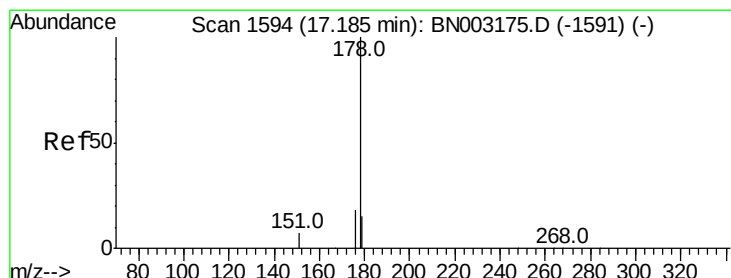
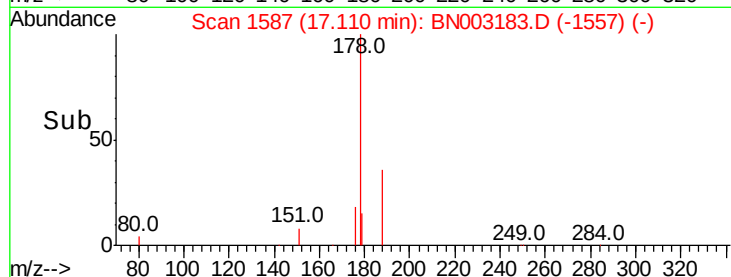
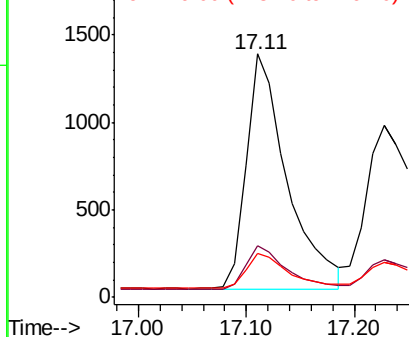
Tot Ion:178	Resp:	3494
Ion Ratio	Lower	Upper
178	100	
176	18.6	14.9 22.3
179	15.4	12.3 18.5

Manual Integrations
APPROVED

Sohil
10/18/2018 4:40:54 PM



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.216 ng

RT: 17.23 min Scan# 1598

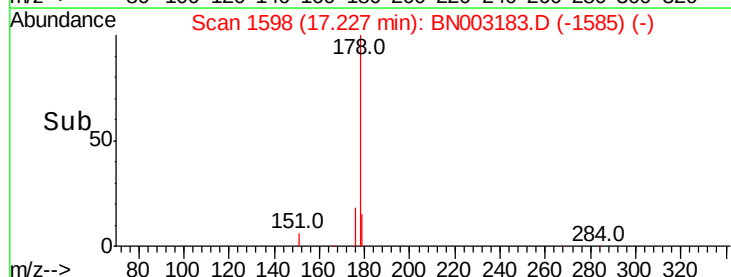
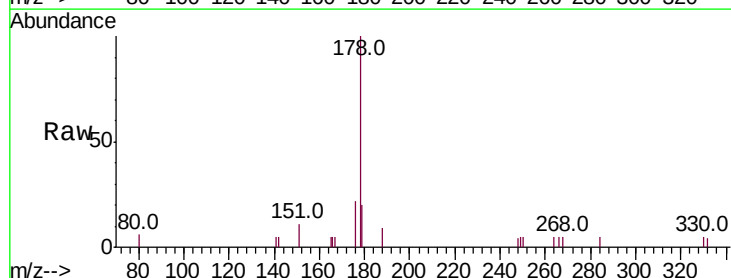
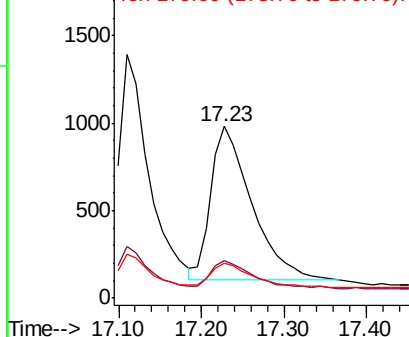
Delta R.T. 0.04 min

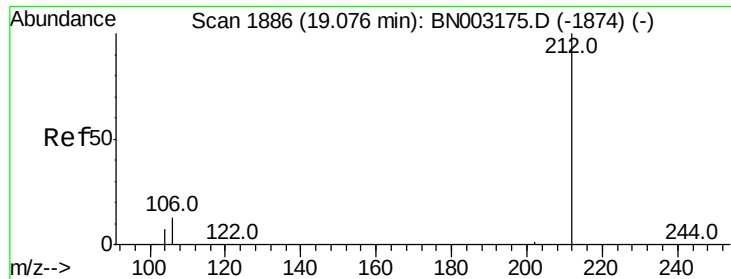
Lab File: BN003183.D

Acq: 17 Oct 2018 17:07

Tgt Ion:178	Resp:	3049
Ion Ratio	Lower	Upper
178	100	
176	18.1	14.6 22.0
179	15.4	12.3 18.5

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.233 ng

RT: 19.10 min Scan# 1891

Delta R.T. 0.02 min

Lab File: BN003183.D

Acq: 17 Oct 2018 17:07

Instrument :

BNA_N

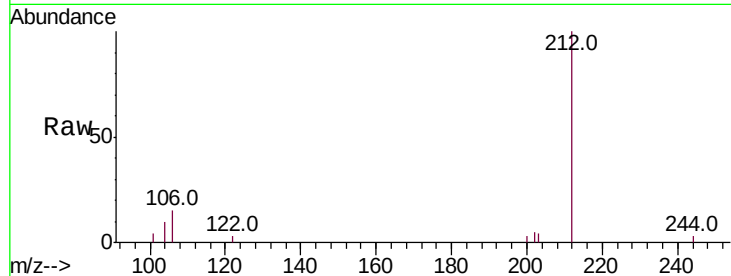
ClientSampleId :

PB113776BSD

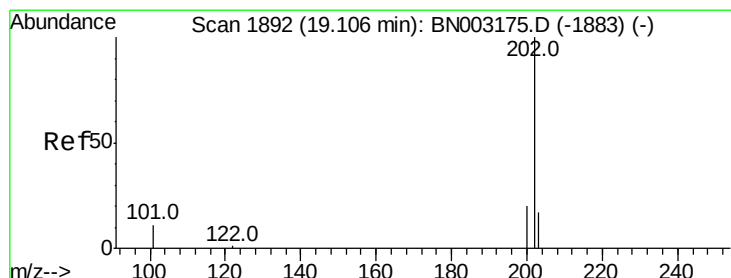
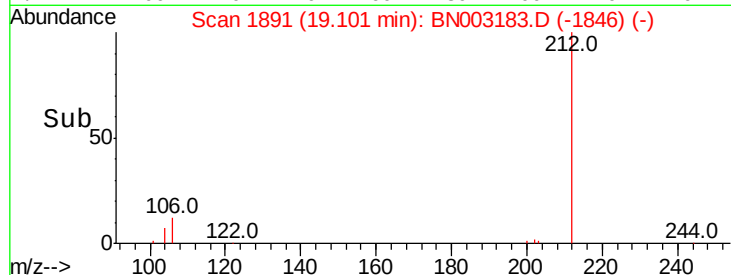
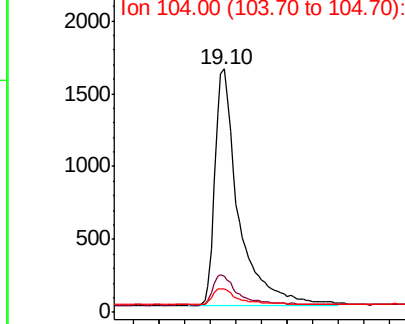
Tot Ion:	212	Resp:	4242
Ion Ratio	Lower	Upper	
212	100		
106	13.2	10.2	15.4
104	7.3	5.8	8.6

Manual Integrations
APPROVED

Sohil
10/18/2018 4:40:54 PM



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: 0.246 ng

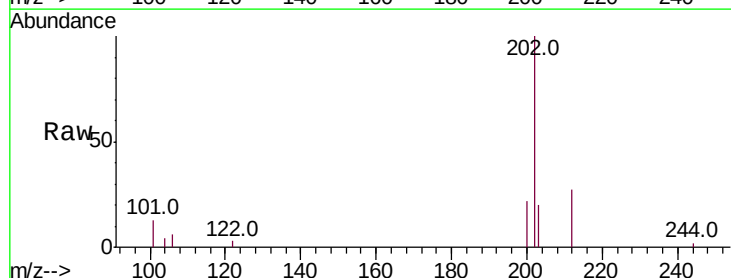
RT: 19.13 min Scan# 1897

Delta R.T. 0.02 min

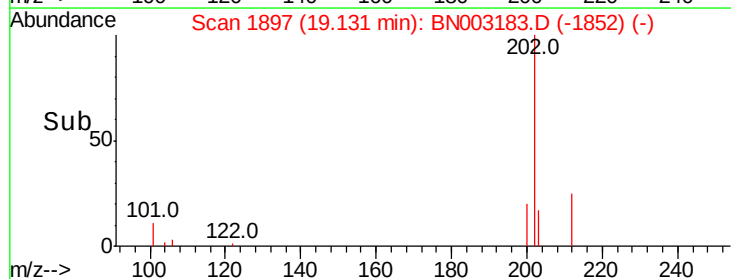
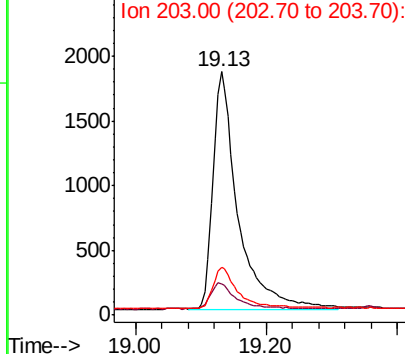
Lab File: BN003183.D

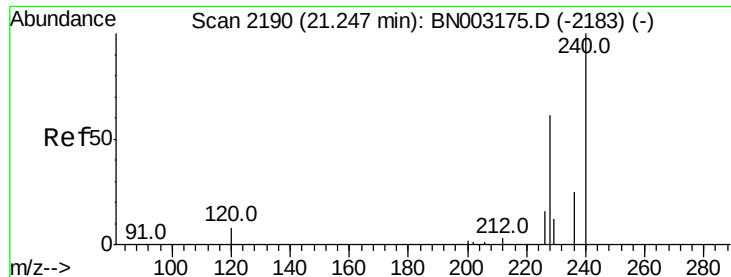
Acq: 17 Oct 2018 17:07

Tgt Ion:	202	Resp:	4861
Ion Ratio	Lower	Upper	
202	100		
101	11.2	8.6	12.8
203	17.0	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: 21.26 min Scan# 2191

Delta R.T. 0.01 min

Lab File: BN003183.D

Acq: 17 Oct 2018 17:07

Instrument :

BNA_N

ClientSampleId :

PB113776BSD

Tot Ion:240 Resp: 7922

Ion Ratio Lower Upper

240 100

120 15.0 7.8 11.8#

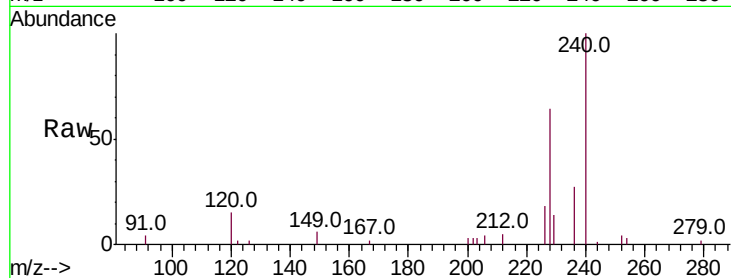
236 27.3 21.0 31.4

Manual Integrations

APPROVED

Sohil

10/18/2018 4:40:54 PM

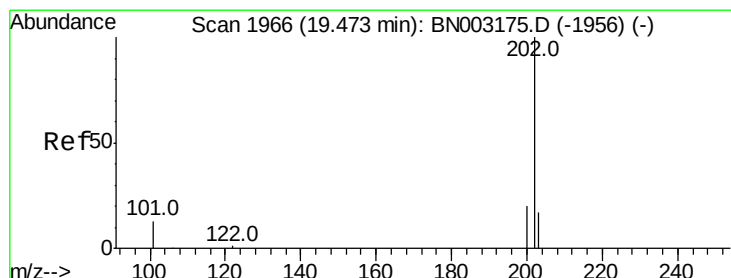
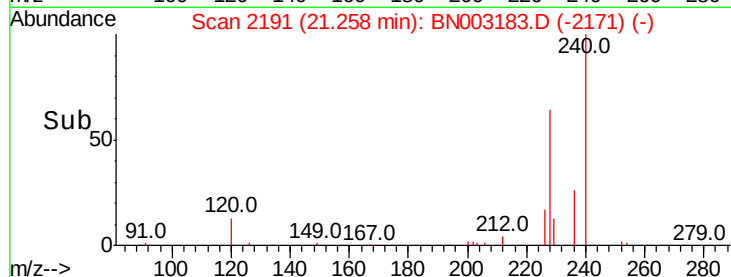
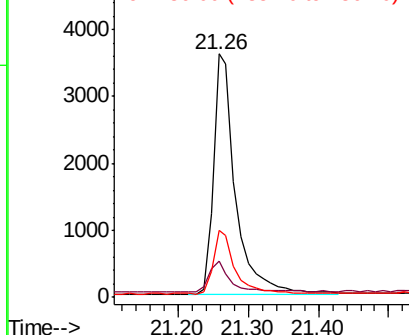


Abundance

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: 0.225 ng

RT: 19.49 min Scan# 1970

Delta R.T. 0.02 min

Lab File: BN003183.D

Acq: 17 Oct 2018 17:07

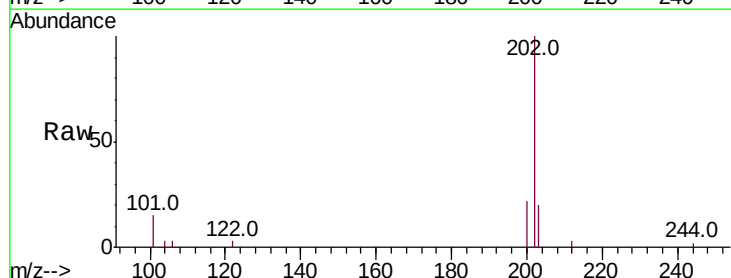
Tgt Ion:202 Resp: 4995

Ion Ratio Lower Upper

202 100

200 20.3 16.3 24.5

203 18.3 14.2 21.2

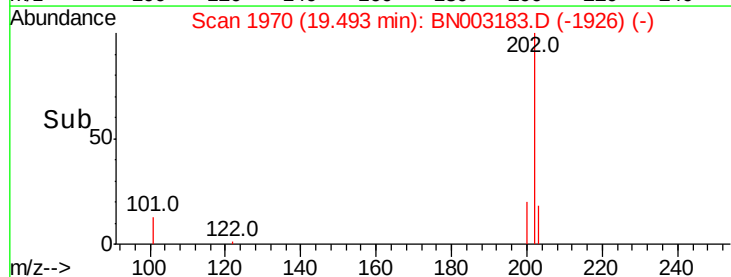
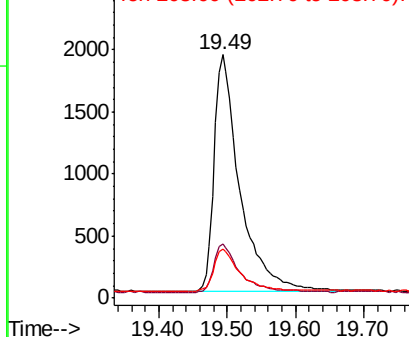


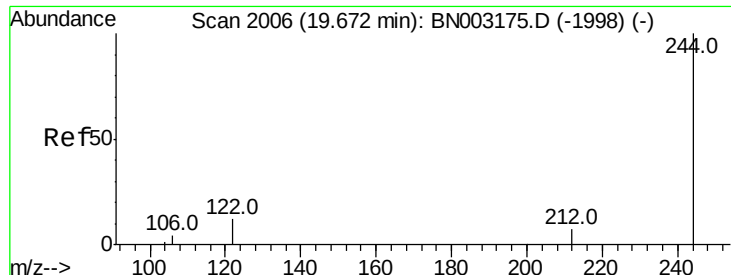
Abundance

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





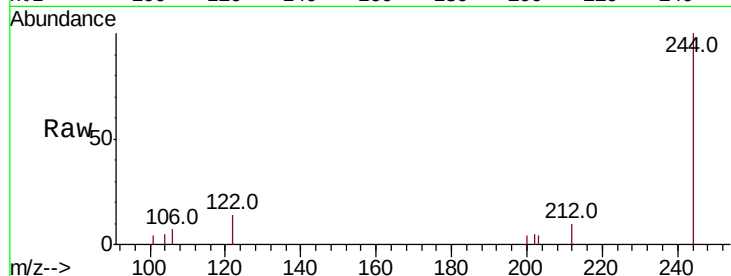
#29
 Terphenyl-d14
 Concen: 0.184 ng
 RT: 19.70 min Scan# 2011
 Delta R.T. 0.02 min
 Lab File: BN003183.D
 Acq: 17 Oct 2018 17:07

Instrument :
 BNA_N
 ClientSampleId :
 PB113776BSD

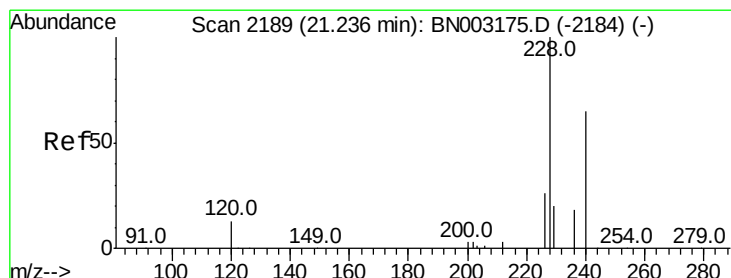
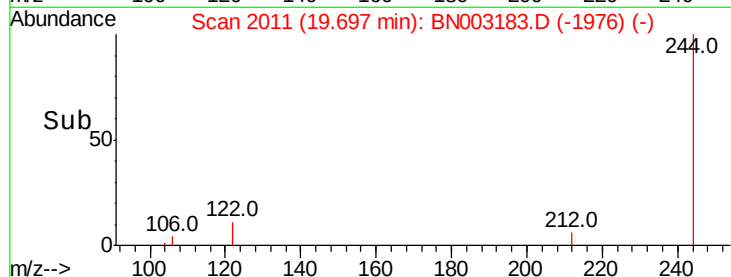
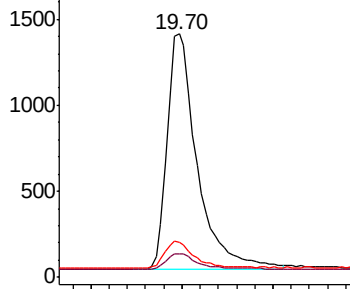
Tot Ion	Ratio	Lower	Upper
244	100		
212	9.8	6.2	9.4#
122	14.3	9.1	13.7#

Manual Integrations
 APPROVED

Sohil
 10/18/2018 4:40:54 PM



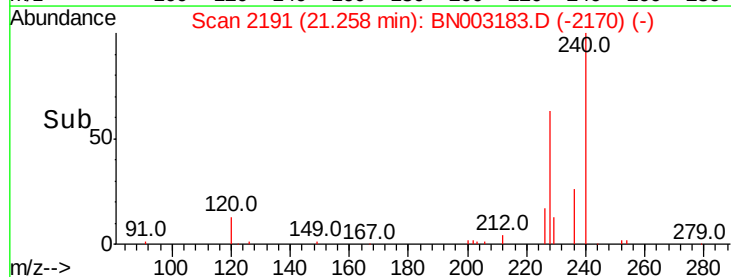
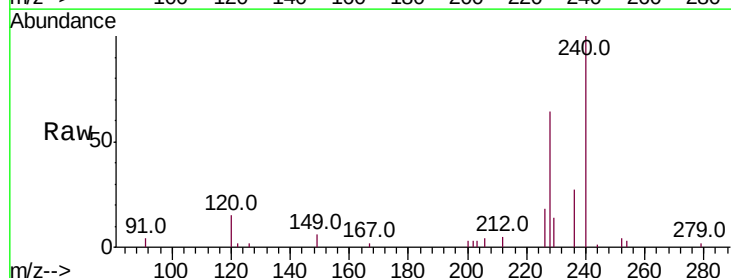
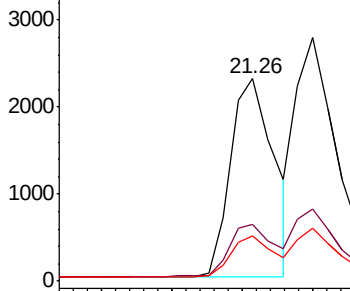
Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

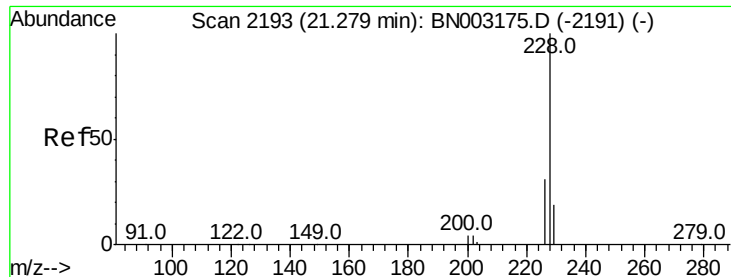


#30
 Benzo(a)anthracene
 Concen: 0.232 ng
 RT: 21.26 min Scan# 2191
 Delta R.T. 0.02 min
 Lab File: BN003183.D
 Acq: 17 Oct 2018 17:07

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	21.4	32.2
229	22.1	16.4	24.6

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: 0.238 ng

RT: 21.30 min Scan# 2195

Delta R.T. 0.02 min

Lab File: BN003183.D

Acq: 17 Oct 2018 17:07

Instrument :

BNA_N

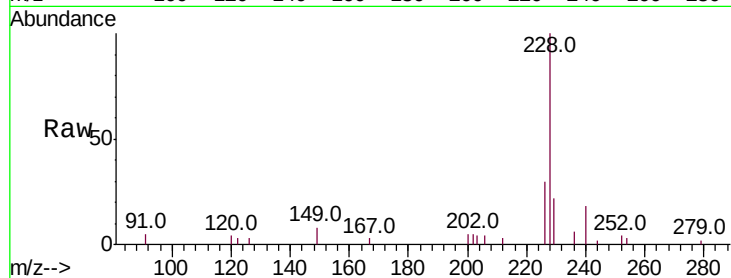
ClientSampleId :

PB113776BSD

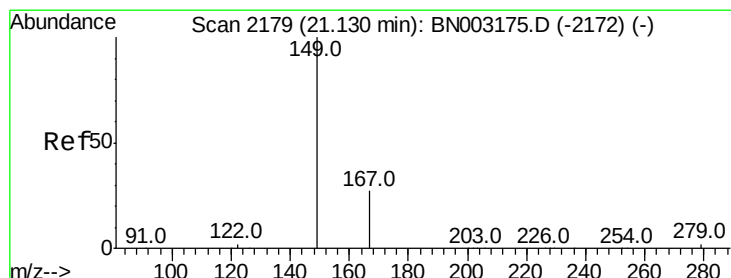
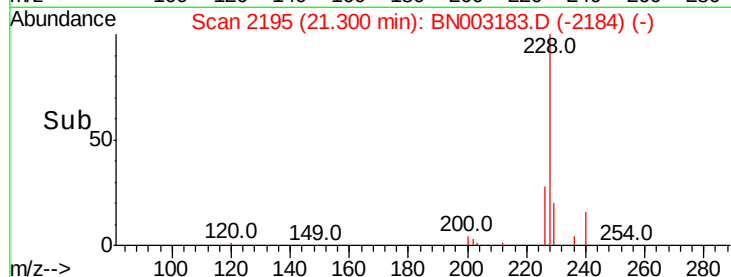
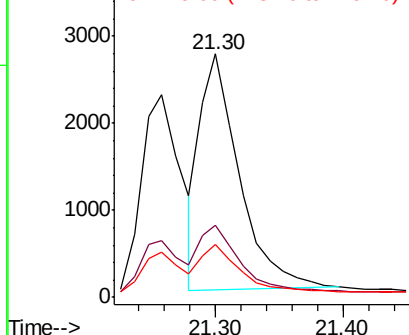
Tot Ion:228	Resp:	5800
Ion Ratio	Lower	Upper
228 100		
226 29.8	23.1	34.7
229 21.5	15.9	23.9

Manual Integrations
APPROVED

Sohil
10/18/2018 4:40:54 PM



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.216 ng

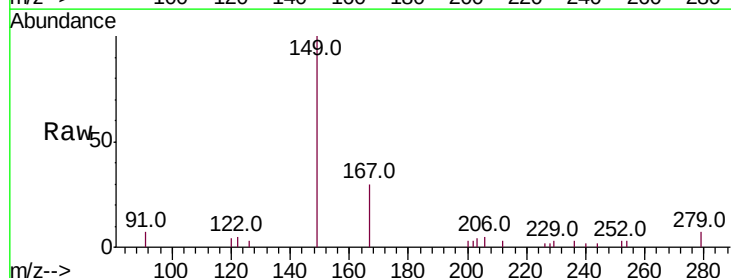
RT: 21.14 min Scan# 2180

Delta R.T. 0.01 min

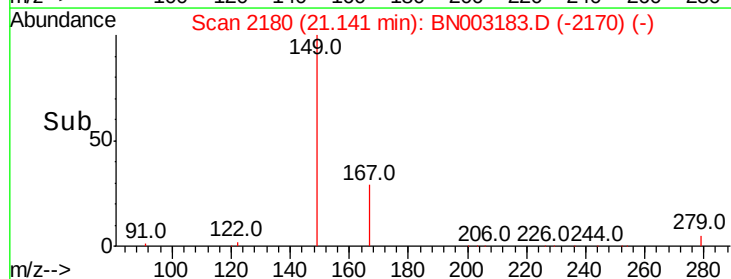
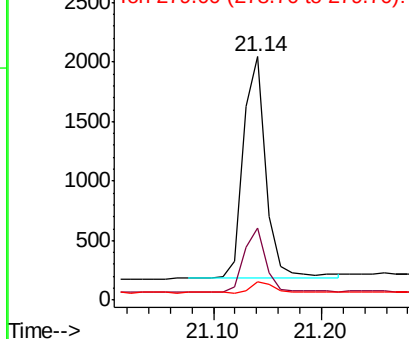
Lab File: BN003183.D

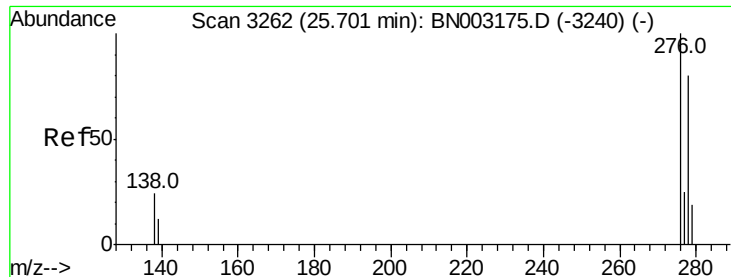
Acq: 17 Oct 2018 17:07

Tgt Ion:149	Resp:	2718
Ion Ratio	Lower	Upper
149 100		
167 28.0	22.2	33.4
279 5.2	3.7	5.5



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





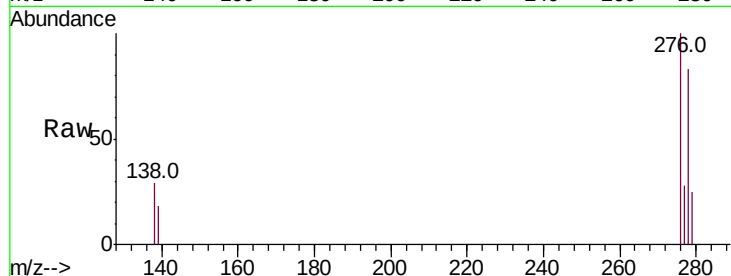
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.247 ng
 RT: 25.75 min Scan# 3275
 Delta R.T. 0.04 min
 Lab File: BN003183.D
 Acq: 17 Oct 2018 17:07

Instrument :
 BNA_N
 ClientSampleId :
 PB113776BSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.7	18.2	27.4
277	25.0	20.2	30.4

Manual Integrations
 APPROVED

Sohil
 10/18/2018 4:40:54 PM

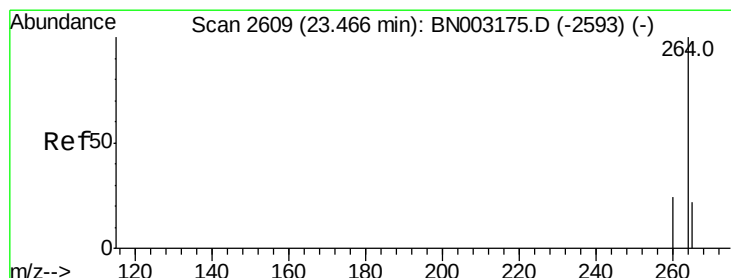
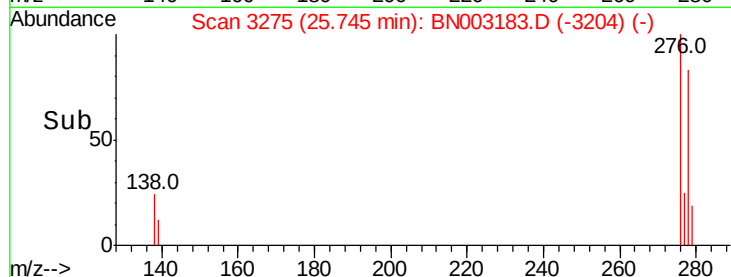
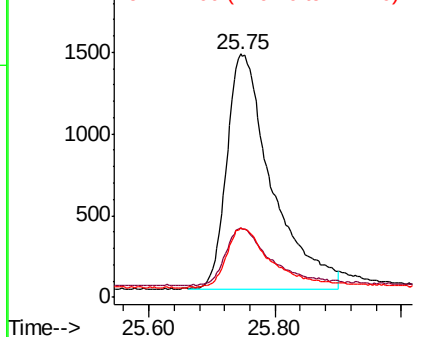


Abundance

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: 23.49 min Scan# 2616
 Delta R.T. 0.02 min
 Lab File: BN003183.D
 Acq: 17 Oct 2018 17:07

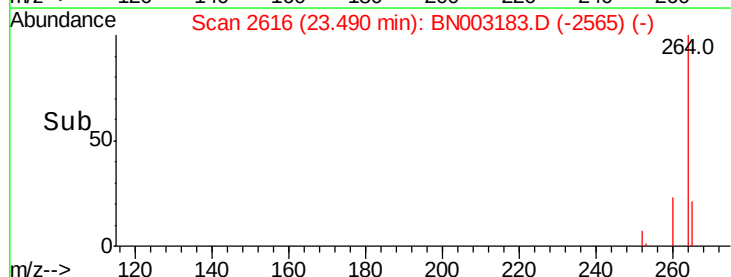
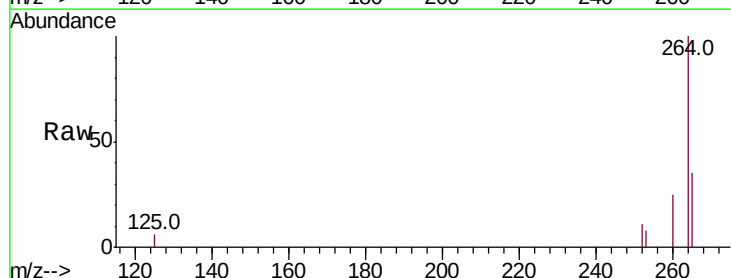
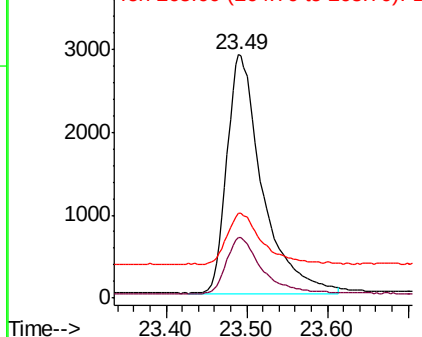
Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.7	29.5
265	34.6	27.6	41.4

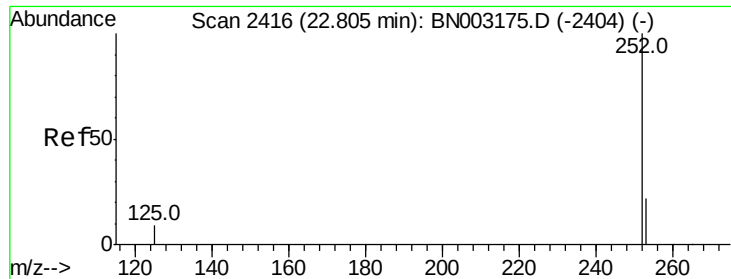
Abundance

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





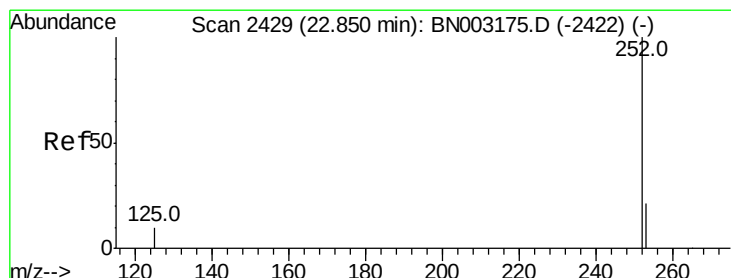
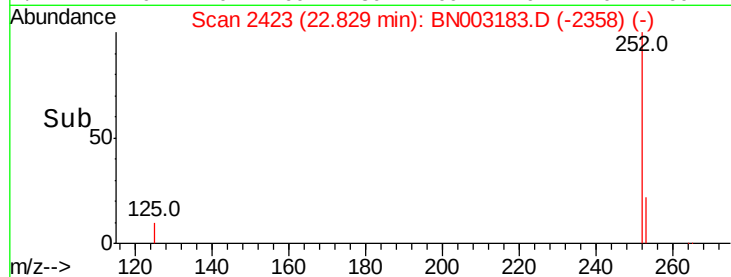
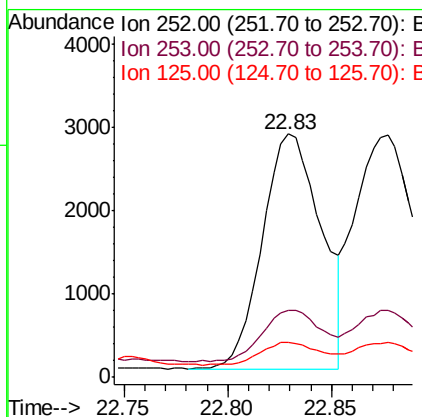
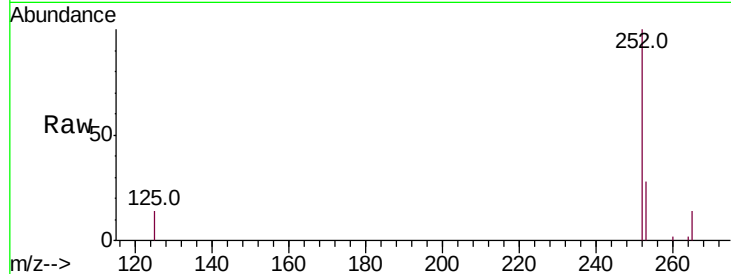
#35
Benzo(b)fluoranthene
Concen: 0.235 ng
RT: 22.83 min Scan# 2423
Delta R.T. 0.02 min
Lab File: BN003183.D
Acq: 17 Oct 2018 17:07

Instrument :
BNA_N
ClientSampleId :
PB113776BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.6	20.8	31.2
125	14.2	9.6	14.4

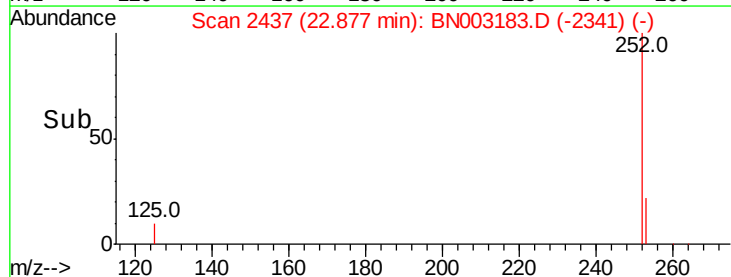
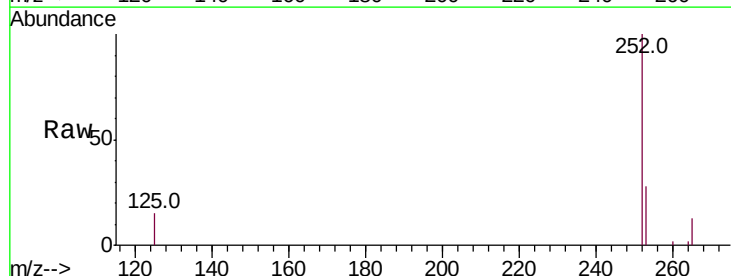
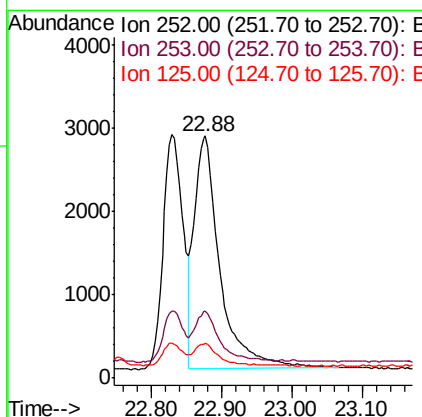
Manual Integrations
APPROVED

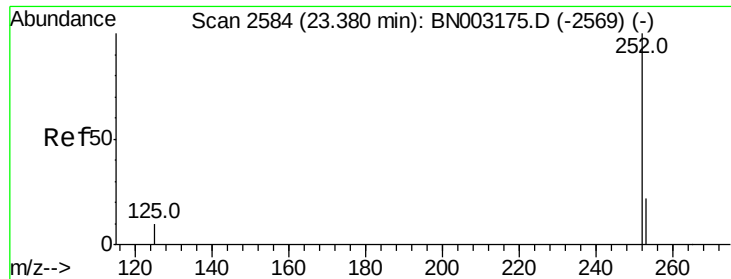
Sohil
10/18/2018 4:40:54 PM



#36
Benzo(k)fluoranthene
Concen: 0.255 ng
RT: 22.88 min Scan# 2437
Delta R.T. 0.03 min
Lab File: BN003183.D
Acq: 17 Oct 2018 17:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.6	20.5	30.7
125	14.6	9.4	14.0#





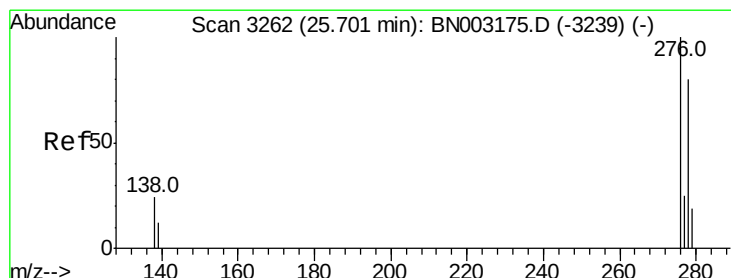
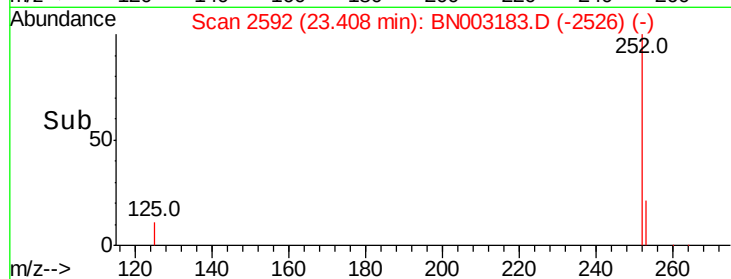
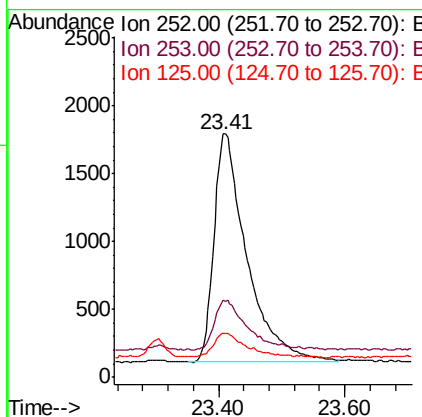
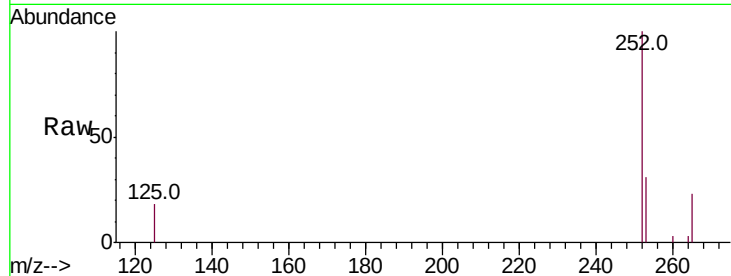
#37
Benzo(a)pyrene
Concen: 0.251 ng
RT: 23.41 min Scan# 2592
Delta R.T. 0.03 min
Lab File: BN003183.D
Acq: 17 Oct 2018 17:07

Instrument :
BNA_N
ClientSampleId :
PB113776BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	31.5	22.4	33.6
125	18.2	11.4	17.0

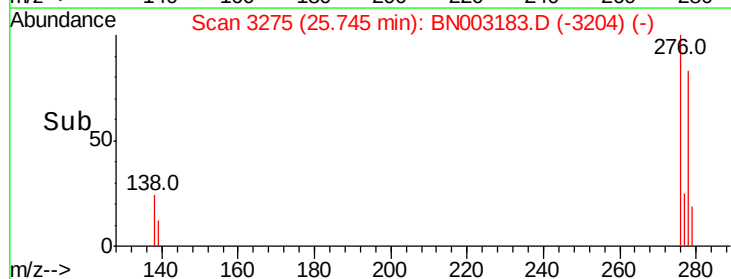
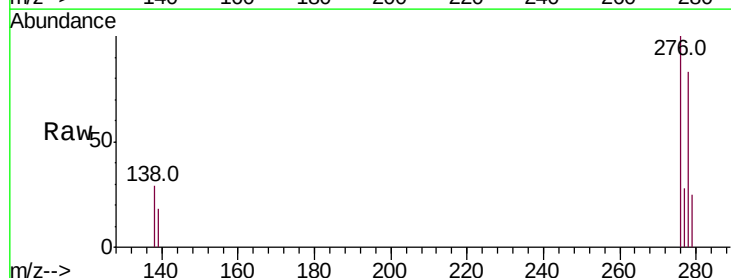
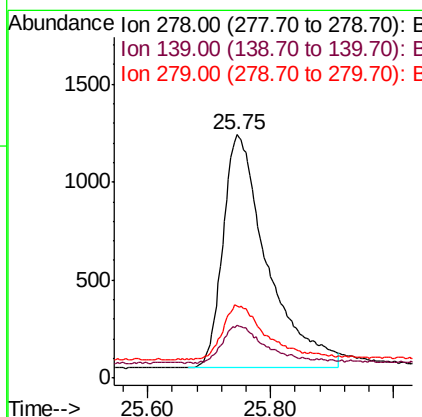
Manual Integrations
APPROVED

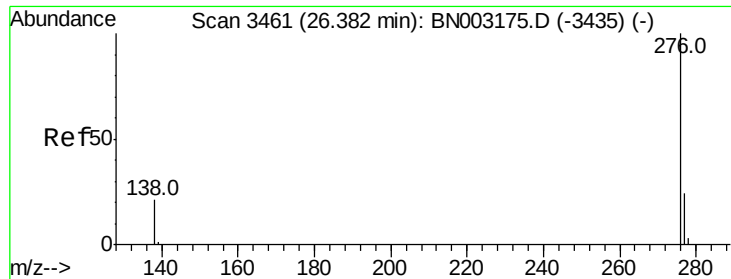
Sohil
10/18/2018 4:40:54 PM



#38
Dibenzo(a,h)anthracene
Concen: 0.240 ng
RT: 25.75 min Scan# 3275
Delta R.T. 0.04 min
Lab File: BN003183.D
Acq: 17 Oct 2018 17:07

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.9	14.6	21.8
279	29.9	23.1	34.7





#39

Benzo(a,h,i)perylene

Concen: 0.250 ng

RT: 26.42 min Scan# 3472

Delta R.T. 0.04 min

Lab File: BN003183.D

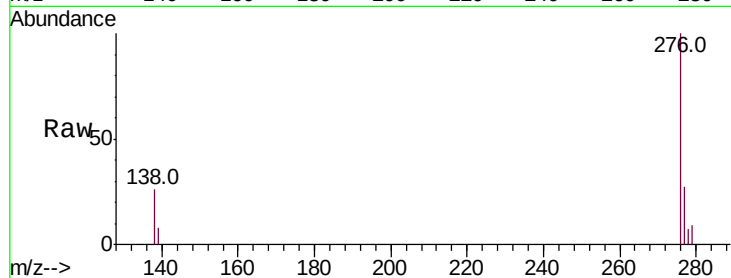
Acq: 17 Oct 2018 17:07

Instrument :

BNA_N

ClientSampleId :

PB113776BSD



Tot Ion: 276 Resp: 6294

Ion Ratio Lower Upper

276 100

277 26.9 21.0 31.4

138 25.7 18.1 27.1

Manual Integrations

APPROVED

Sohil

10/18/2018 4:40:54 PM

