

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081619\
 Data File : BN007233.D
 Acq On : 16 Aug 2019 21:13
 Operator : HP/JU
 Sample : K4336-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Manual Integrations
 APPROVED

Quant Time: Aug 17 02:26:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN081019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 13 12:12:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	7057	0.40	ng	-0.02
6) Naphthalene-d8	10.17	136	26868	0.40	ng	-0.01
12) Acenaphthene-d10	14.07	164	15267	0.40	ng	-0.01
18) Phenanthrene-d10	16.81	188	36436	0.40	ng	-0.01
26) Chrysene-d12	21.03	240	36748	0.40	ng	-0.02
32) Perylene-d12	23.15	264	42067	0.40	ng	-0.02
System Monitoring Compounds						
3) 2-Fluorophenol	5.05	112	3441	0.20	ng	0.00
4) Phenol-d6	6.61	99	2739	0.13	ng	0.00
7) Nitrobenzene-d5	8.55	82	7599	0.35	ng	-0.01
10) 2-Methylnaphthalene-d10	11.78	152	15972	0.32	ng	-0.02
13) 2,4,6-Tribromophenol	15.56	330	5041	0.61	ng	-0.01
14) 2-Fluorobiphenyl	12.71	172	1163	0.05	ng	0.00
24) Fluoranthene-d10	18.86	212	40620	0.31	ng	-0.02
28) Terphenyl-d14	19.48	244	52381	0.52	ng	-0.02
Target Compounds						
15) Acenaphthylene	13.78	152	3238	0.041	ng	# 93
23) Anthracene	16.95	178	2511	0.025	ng	# 91

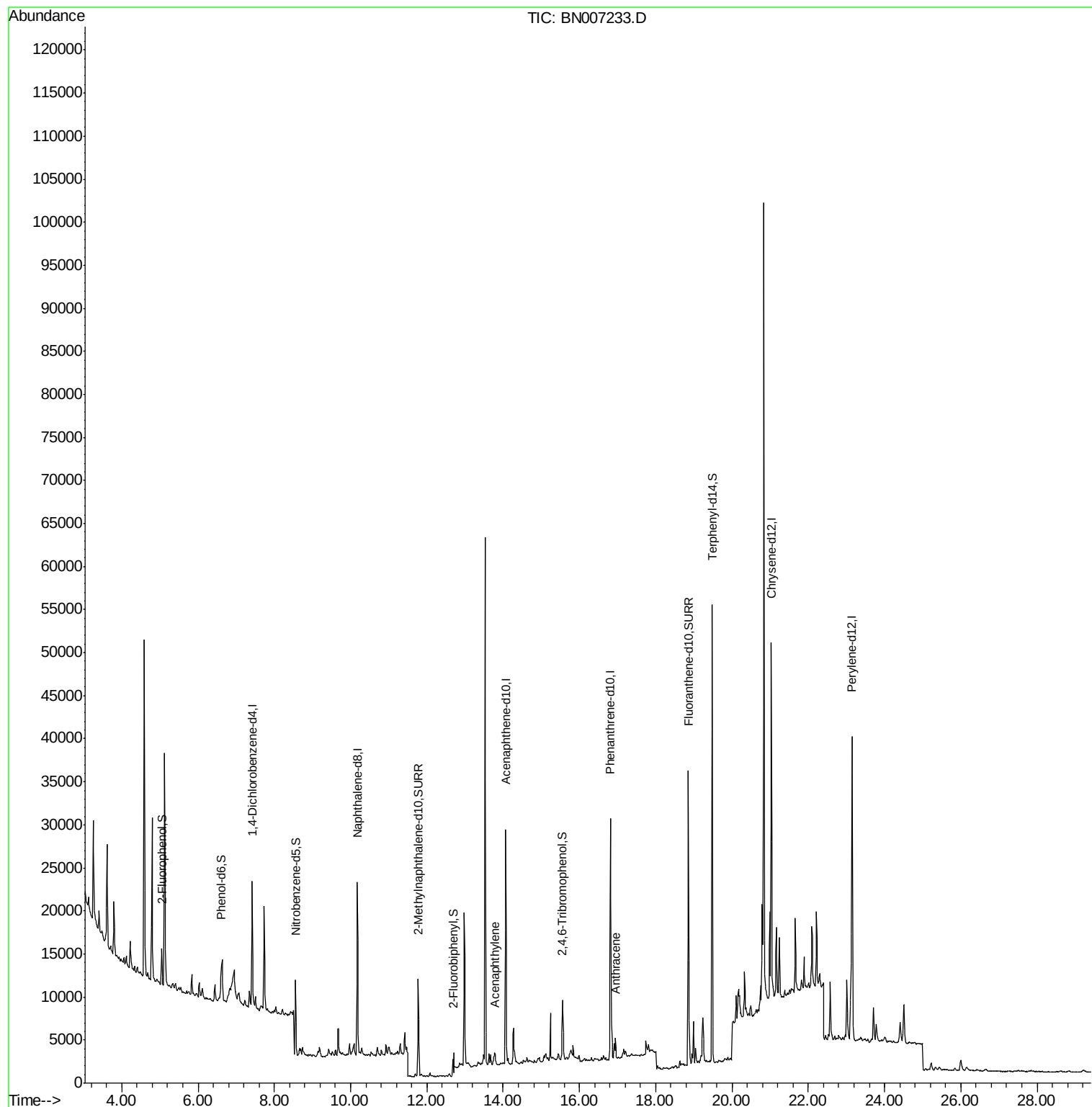
(#) = qualifier out of range (m) = manual integration (+) = signals summed

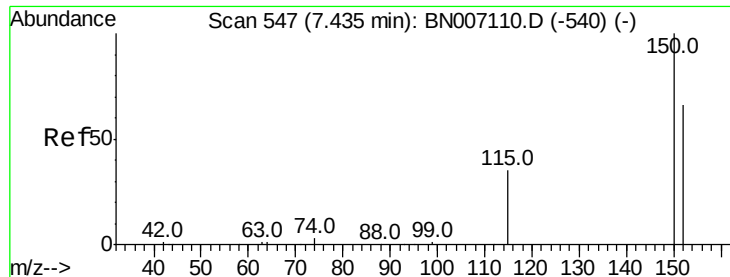
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081619\
Data File : BN007233.D
Acq On : 16 Aug 2019 21:13
Operator : HP/JU
Sample : K4336-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Aug 17 02:26:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN081019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 13 12:12:02 2019
Response via : Initial Calibration

Manual Integrations
APPROVED





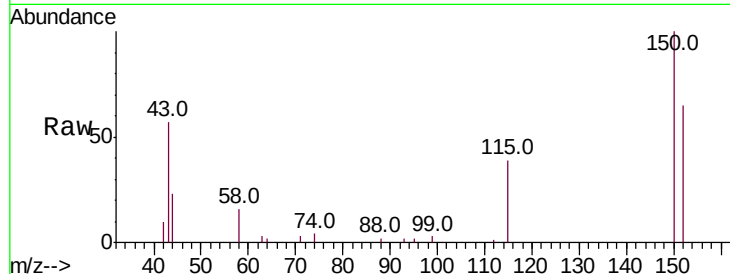
#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.42 min Scan# 545
Delta R.T. -0.02 min
Lab File: BN007233.D
Acq: 16 Aug 2019 21:13

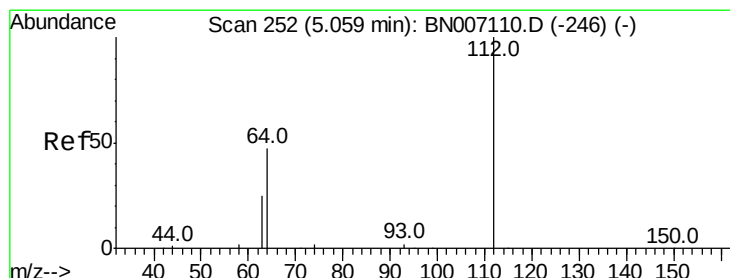
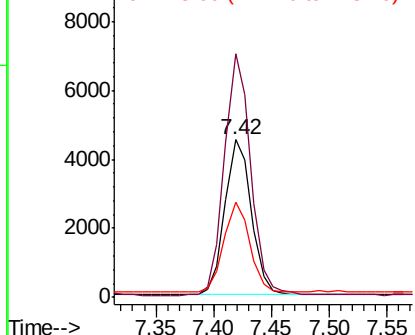
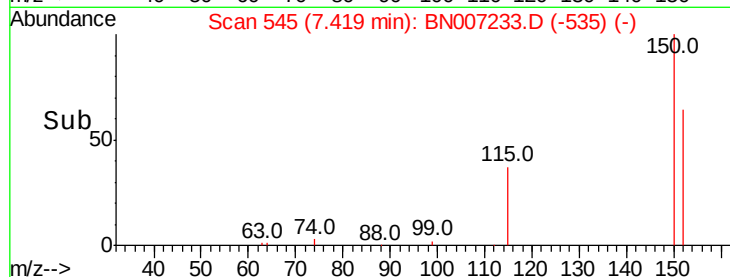
Instrument :
BNA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	121.7	182.5
115	60.0	46.2	69.4

Manual Integrations
APPROVED



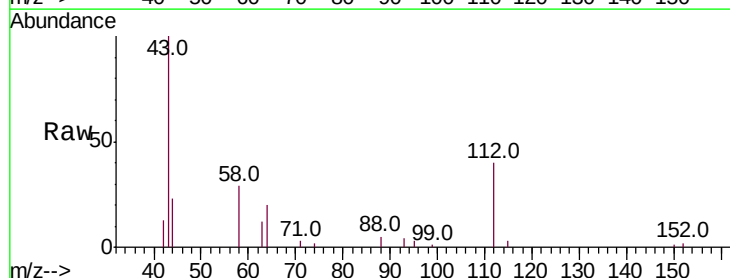
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



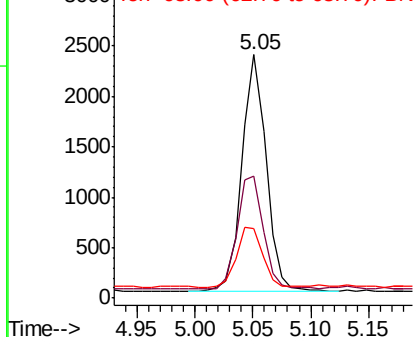
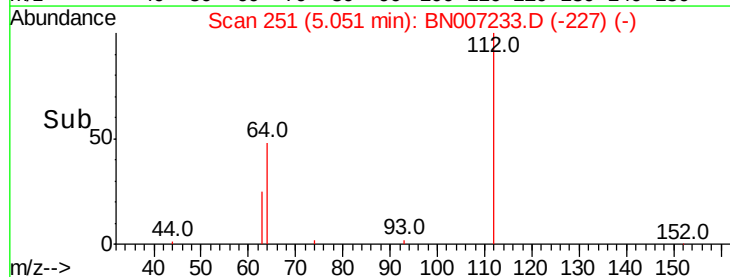
#3

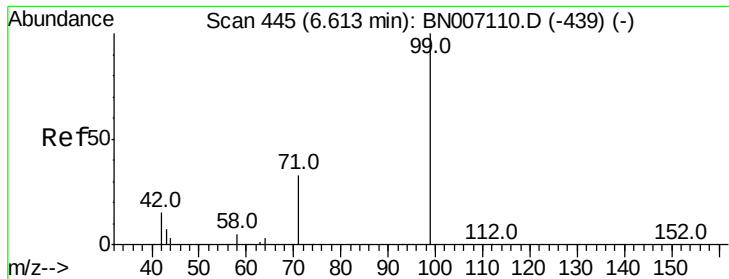
2-Fluorophenol
Concen: 0.203 ng
RT: 5.05 min Scan# 251
Delta R.T. -0.01 min
Lab File: BN007233.D
Acq: 16 Aug 2019 21:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.6	42.6	63.8
63	26.9	22.2	33.2



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BNC
Ion 63.00 (62.70 to 63.70): BNC





#4

Phenol-d6

Concen: 0.130 ng

RT: 6.61 min Scan# 444

Delta R.T. -0.01 min

Lab File: BN007233.D

Acq: 16 Aug 2019 21:13

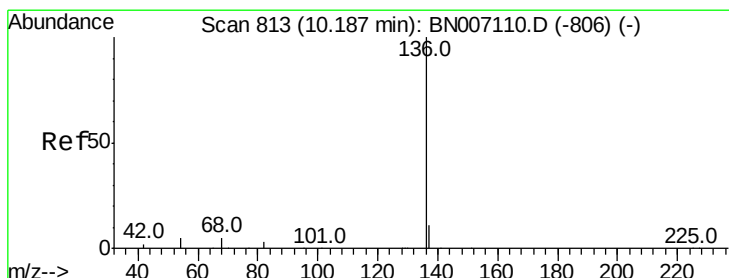
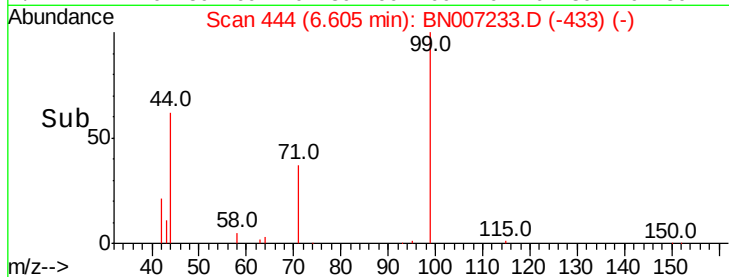
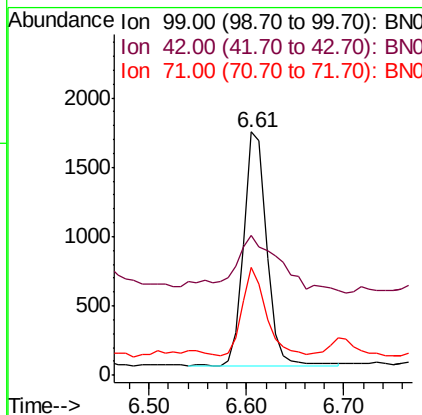
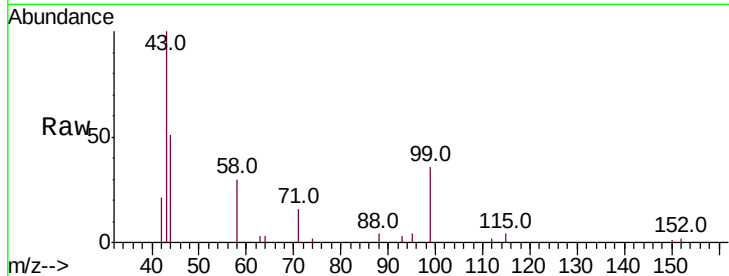
Instrument :

BNA_N

ClientSampled :

Tot Ion:	99	Resp:	2739
Ion	Ratio	Lower	Upper
99	100		
42	52.6	15.8	23.6#
71	39.1	27.0	40.4

Manual Integrations
APPROVED



#6

Naphthalene-d8

Concen: 0.400 ng

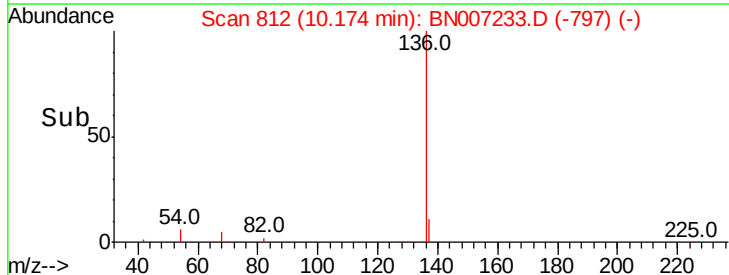
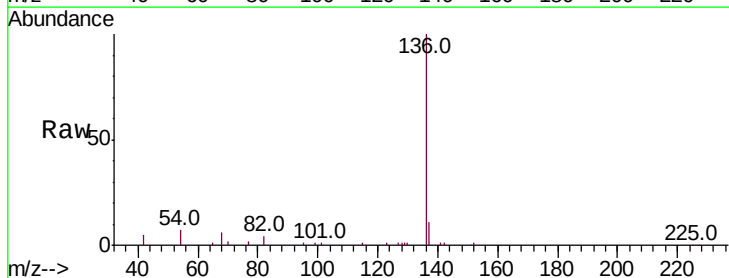
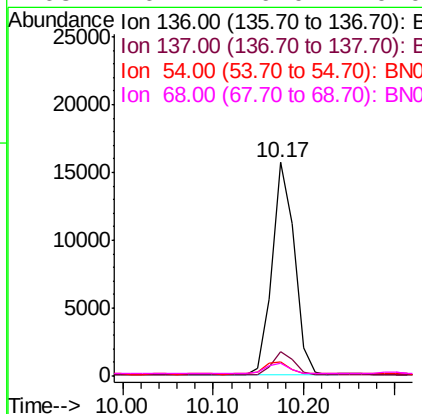
RT: 10.17 min Scan# 812

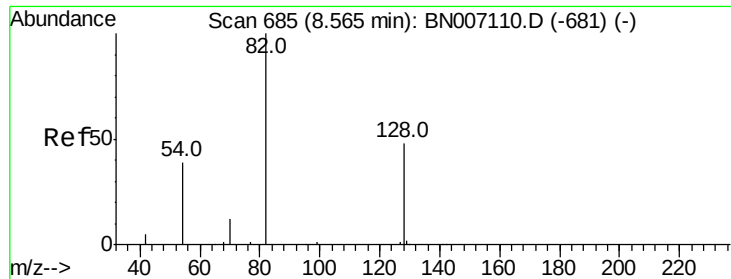
Delta R.T. -0.01 min

Lab File: BN007233.D

Acq: 16 Aug 2019 21:13

Tgt Ion:	136	Resp:	26868
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.4	14.0
54	6.7	6.6	9.8
68	6.2	6.0	9.0





#7

Nitrobenzene-d5

Concen: 0.351 ng

RT: 8.55 min Scan# 684

Delta R.T. -0.01 min

Lab File: BN007233.D

Acq: 16 Aug 2019 21:13

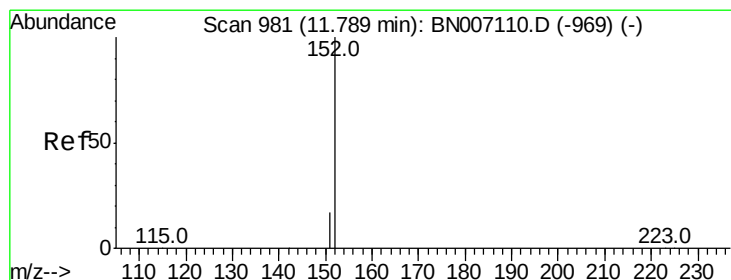
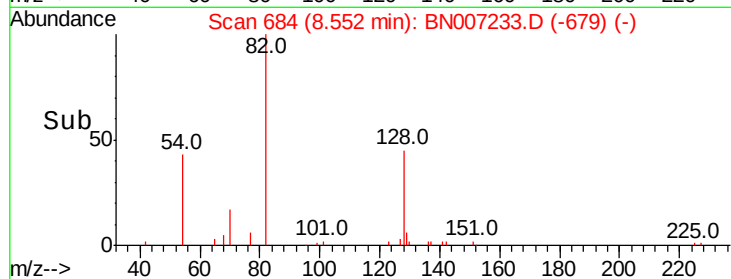
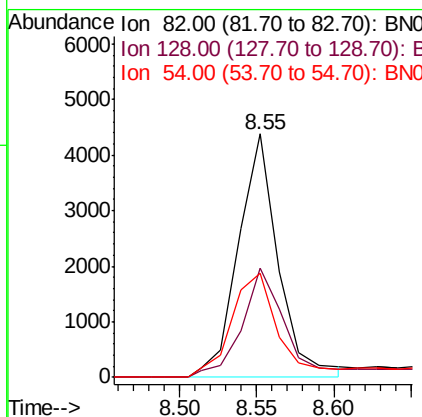
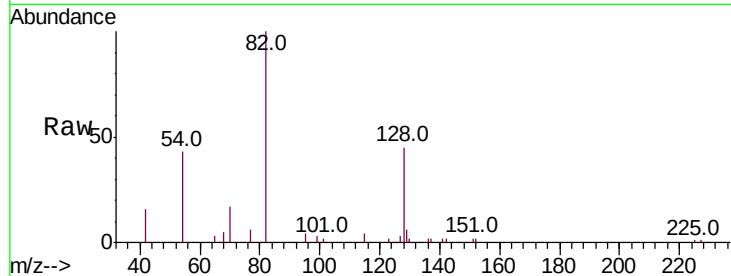
Instrument :

BNA_N

ClientSampled :

Tot Ion:	82	Resp:	7599
Ion	Ratio	Lower	Upper
82	100		
128	45.0	34.6	51.8
54	42.6	36.2	54.4

Manual Integrations
APPROVED



#10

2-Methylnaphthalene-d10

Concen: 0.319 ng

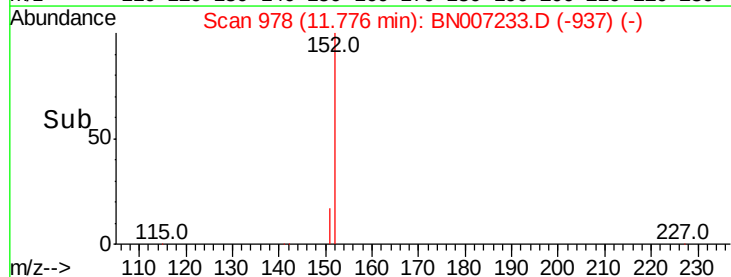
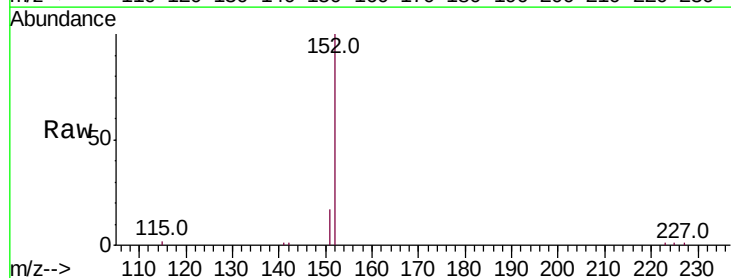
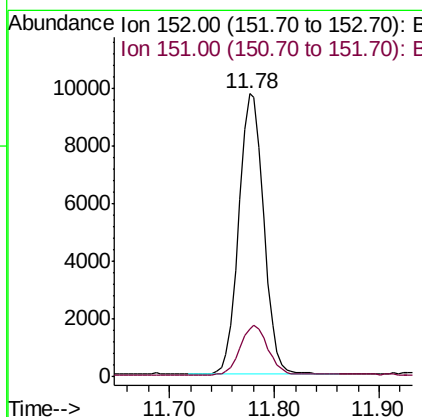
RT: 11.78 min Scan# 978

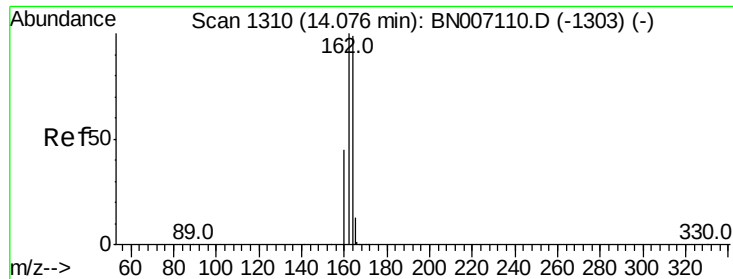
Delta R.T. -0.02 min

Lab File: BN007233.D

Acq: 16 Aug 2019 21:13

Tgt Ion:	152	Resp:	15972
Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.5	23.3





#12

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.07 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BN007233.D

Acq: 16 Aug 2019 21:13

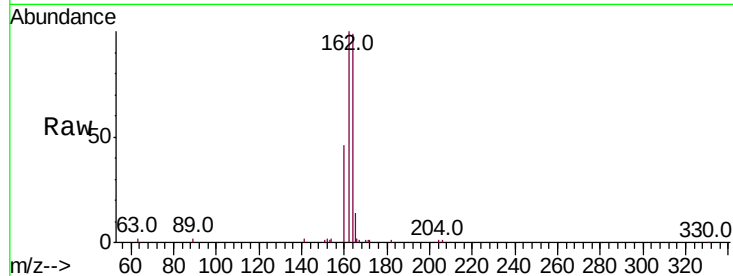
Instrument :

BNA_N

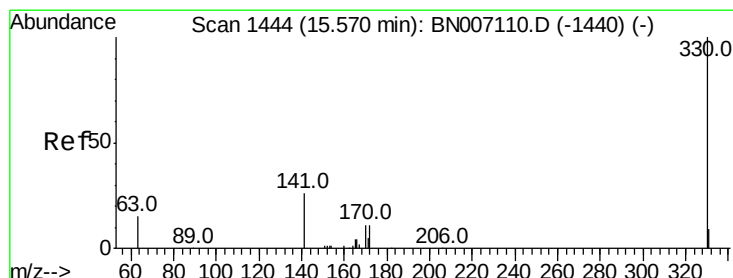
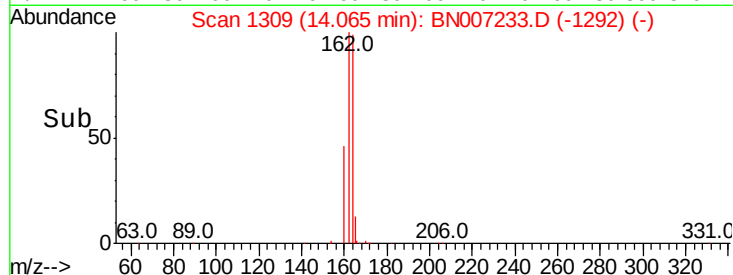
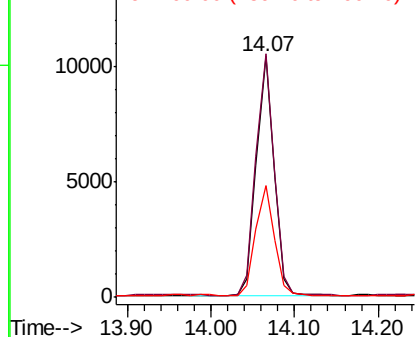
ClientSampleId :

Tot Ion:	164	Resp:	15267
Ion Ratio	Lower	Upper	
164	100		
162	101.1	82.2	123.4
160	46.5	38.3	57.5

Manual Integrations
APPROVED



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



#13

2,4,6-Tribromophenol

Concen: 0.613 ng

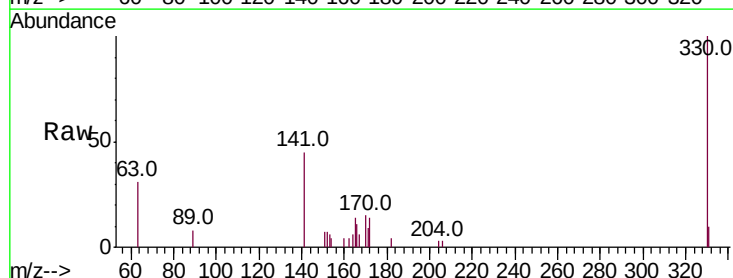
RT: 15.56 min Scan# 1443

Delta R.T. -0.01 min

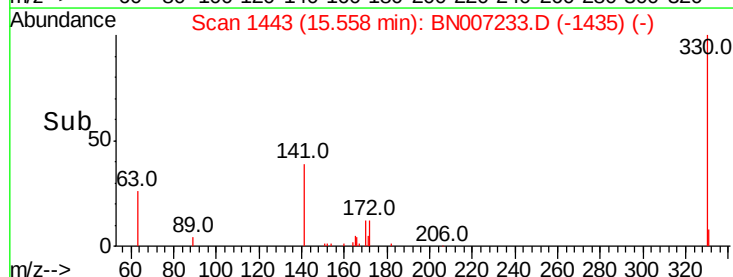
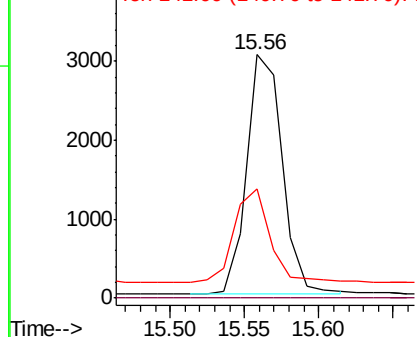
Lab File: BN007233.D

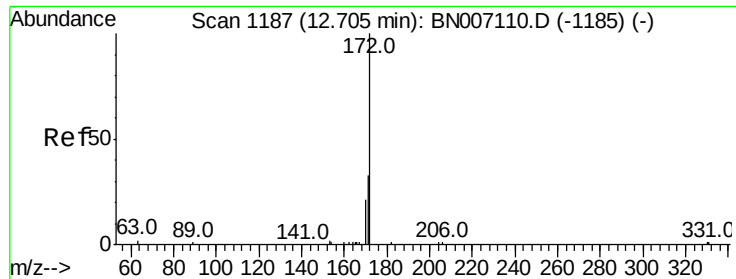
Acq: 16 Aug 2019 21:13

Tgt Ion:	330	Resp:	5041
Ion Ratio	Lower	Upper	
330	100		
332	0.0	0.0	0.0
141	39.5	33.6	50.4



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



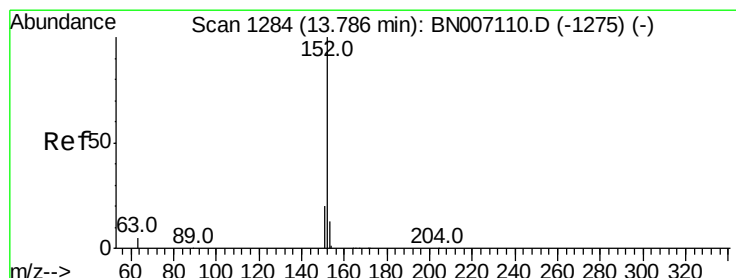
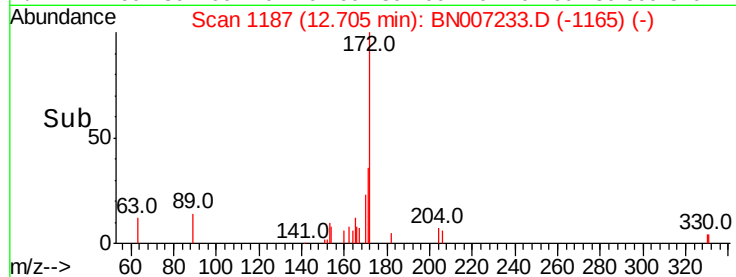
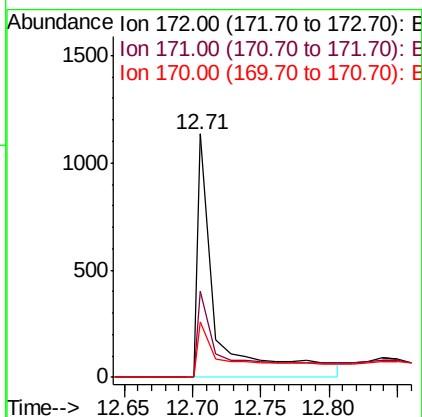
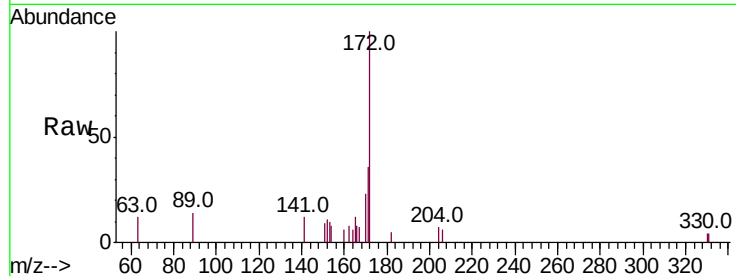


#14
2-Fluorobiphenyl
Concen: 0.052 ng
RT: 12.71 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BN007233.D
Acq: 16 Aug 2019 21:13

Instrument :
BNA_N
ClientSampled :

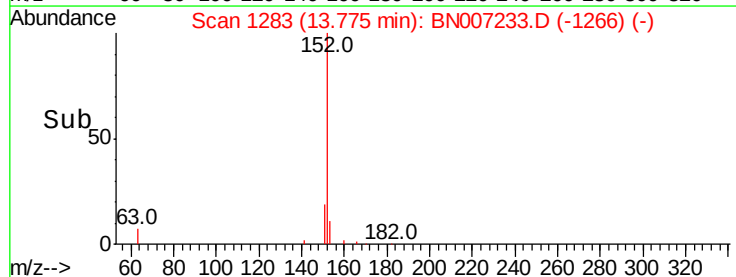
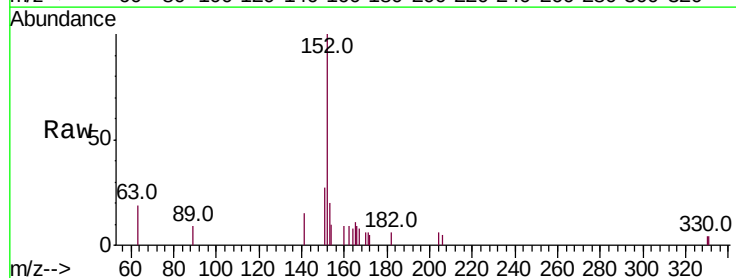
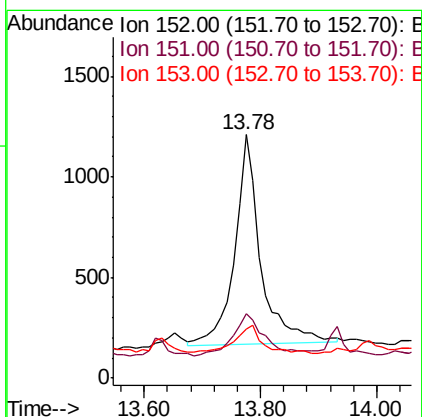
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	26.3	39.5
170	22.6	17.0	25.4

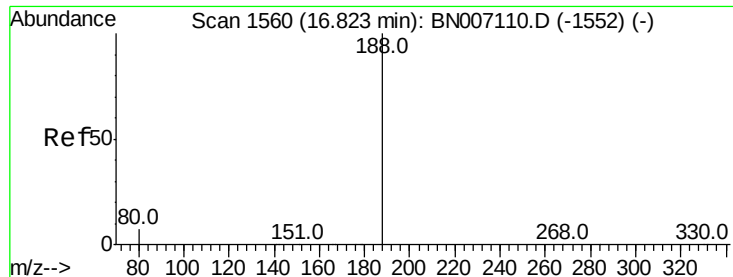
Manual Integrations
APPROVED



#15
Acenaphthylene
Concen: 0.041 ng
RT: 13.78 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BN007233.D
Acq: 16 Aug 2019 21:13

Tgt Ion	Ratio	Lower	Upper
152	100		
151	24.5	15.8	23.6#
153	12.3	10.4	15.6



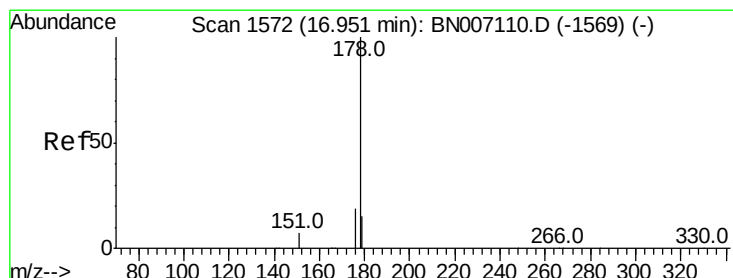
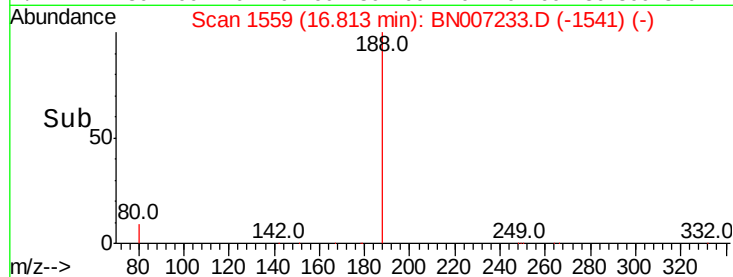
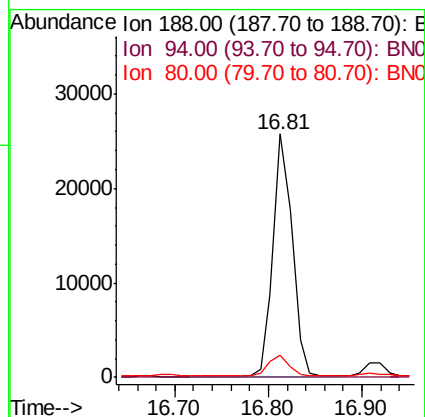
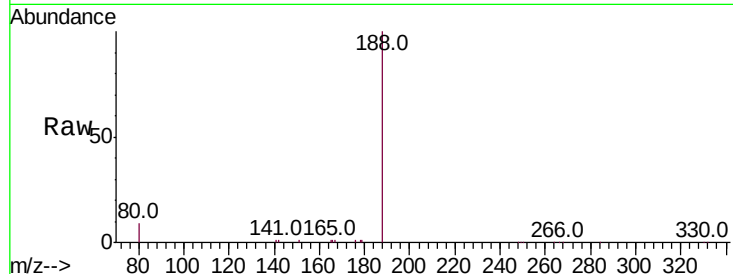


#18
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.81 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BN007233.D
Acq: 16 Aug 2019 21:13

Instrument :
BNA_N
ClientSampleId :

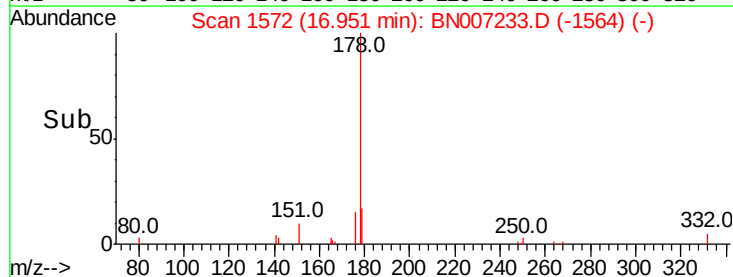
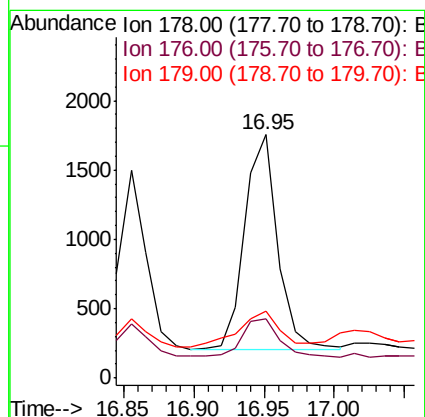
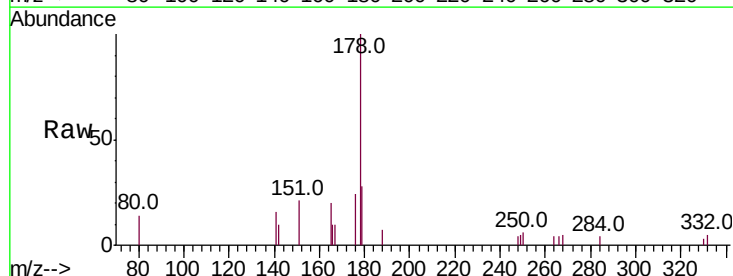
Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.4	7.8	11.6

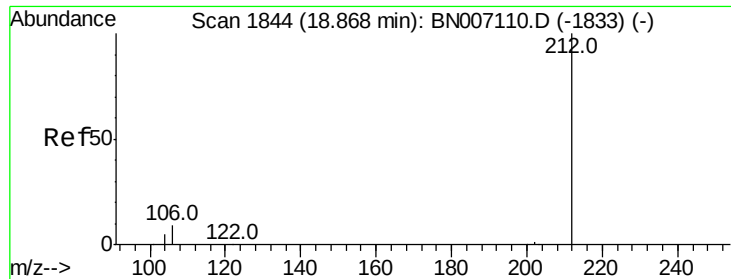
Manual Integrations
APPROVED



#23
Anthracene
Concen: 0.025 ng
RT: 16.95 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BN007233.D
Acq: 16 Aug 2019 21:13

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	20.1	14.6	21.8
179	21.7	12.5	18.7#





#24

Fluoranthene-d10

Concen: 0.314 ng

RT: 18.86 min Scan# 1842

Delta R.T. -0.02 min

Lab File: BN007233.D

Acq: 16 Aug 2019 21:13

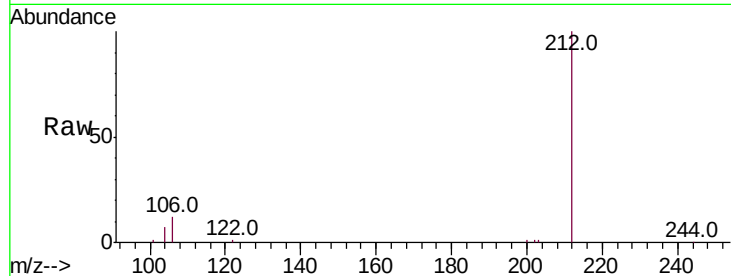
Instrument :

BNA_N

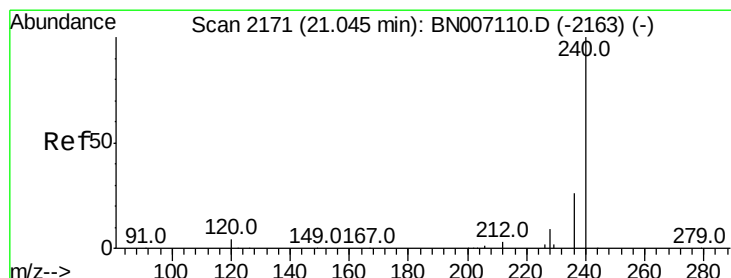
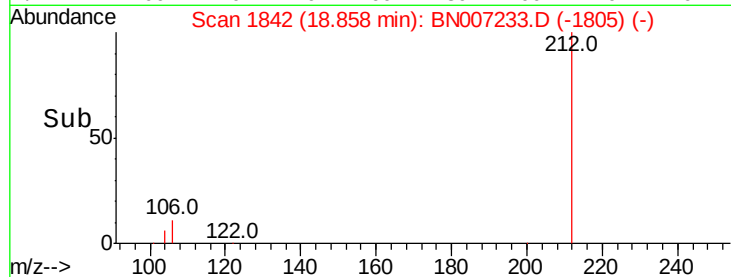
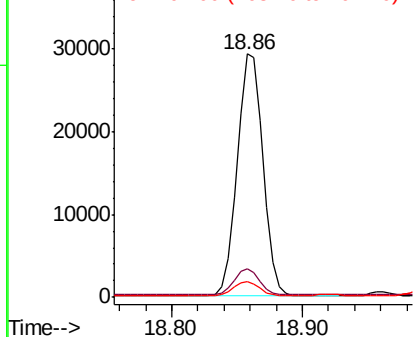
ClientSampleId :

Tot Ion:	212	Resp:	40620
Ion Ratio	Lower	Upper	
212	100		
106	10.5	8.2	12.2
104	5.9	4.5	6.7

Manual Integrations
APPROVED



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

Chrysene-d12

Concen: 0.400 ng

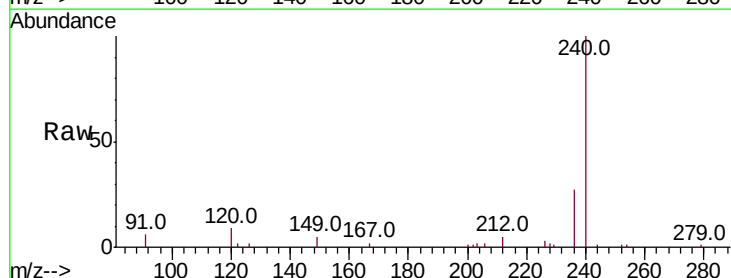
RT: 21.03 min Scan# 2170

Delta R.T. -0.02 min

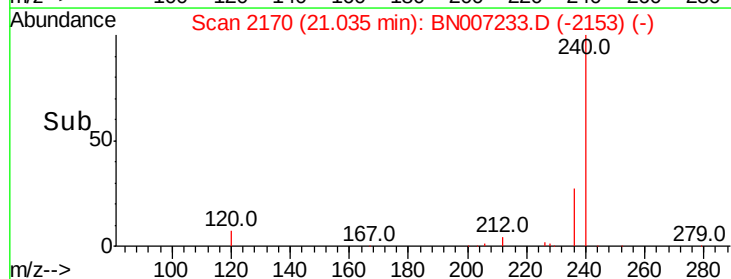
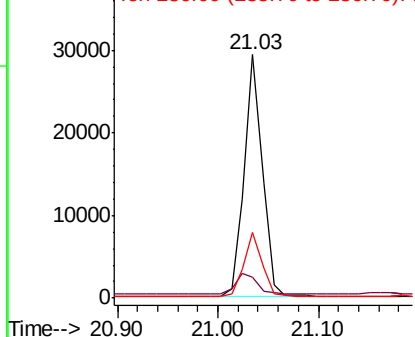
Lab File: BN007233.D

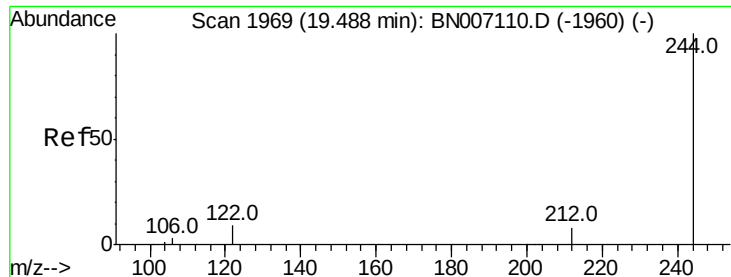
Acq: 16 Aug 2019 21:13

Tgt Ion:	240	Resp:	36748
Ion Ratio	Lower	Upper	
240	100		
120	8.7	4.0	6.0#
236	27.2	21.3	31.9



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

Terphenyl-d14

Concen: 0.523 ng

RT: 19.48 min Scan# 1967

Delta R.T. -0.02 min

Lab File: BN007233.D

Acq: 16 Aug 2019 21:13

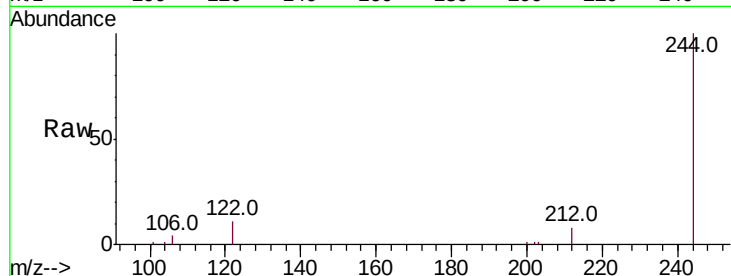
Instrument :

BNA_N

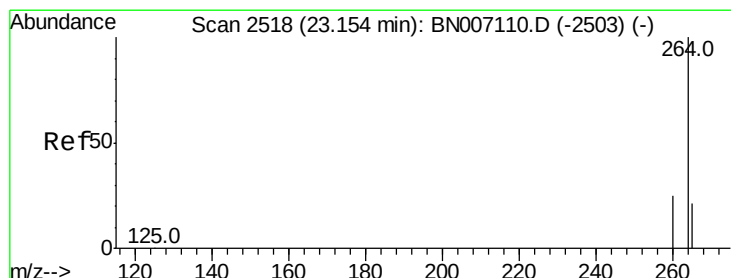
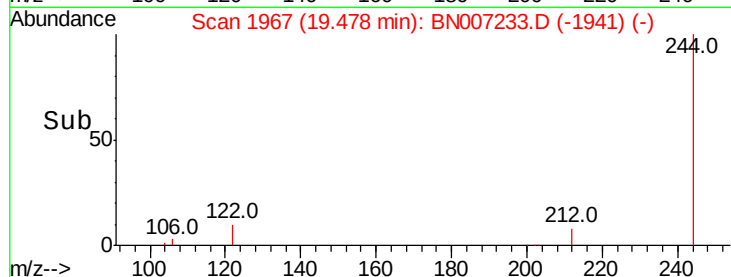
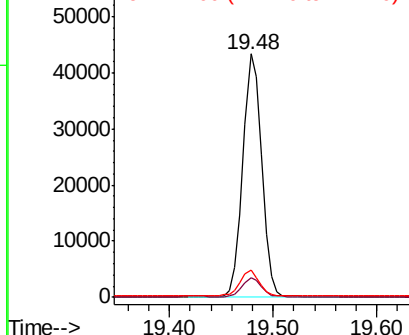
ClientSampleId :

Tot Ion:	244	Resp:	52381
Ion Ratio	Lower	Upper	
244	100		
212	8.2	6.2	9.2
122	11.0	7.4	11.2

Manual Integrations
APPROVED



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



#32

Perylene-d12

Concen: 0.400 ng

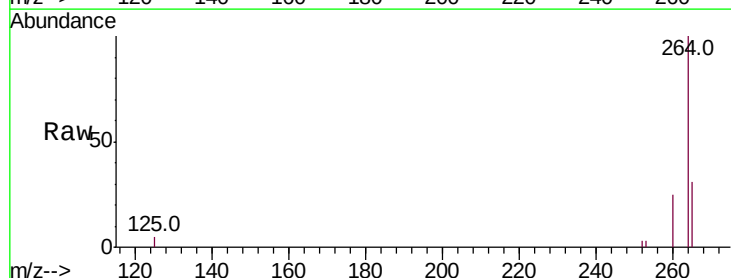
RT: 23.15 min Scan# 2516

Delta R.T. -0.02 min

Lab File: BN007233.D

Acq: 16 Aug 2019 21:13

Tgt Ion:	264	Resp:	42067
Ion Ratio	Lower	Upper	
264	100		
260	24.7	19.8	29.8
265	30.8	26.2	39.4



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

