

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN110518\
 Data File : BN003434.D
 Acq On : 05 Nov 2018 17:46
 Operator : MJ/SJ
 Sample : J5635-12DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A40J5DL

Manual Integrations
 APPROVED

Sohil
 11/6/2018 1:23:57 PM

Quant Time: Nov 06 01:53:29 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN110118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 06 01:43:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	9537	0.40	ng/ul	0.00
2) Naphthalene-d8	10.65	136	39905	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.49	164	21892	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.23	188	47989	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	35154	0.40	ng/ul	0.00
20) Perylene-d12	23.72	264	33874	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.24	152	3989	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.25	212	8672	0.06	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.70	128	5764	0.051	ng/ul#	95
5) 2-Methylnaphthalene	12.31	142	2738	0.034	ng/ul	100
7) Acenaphthylene	14.21	152	30789	0.324	ng/ul	99
9) Fluorene	15.54	166	6926	0.069	ng/ul#	99
12) Phenanthrene	17.27	178	246900	1.569	ng/ul	100
13) Anthracene	17.36	178	76405	0.596	ng/ul	99
15) Fluoranthene	19.29	202	1114429	6.300	ng/ul	99
17) Pyrene	19.65	202	894141	6.992	ng/ul	100
18) Benzo(a)anthracene	21.39	228	439125	3.984	ng/ul	98
19) Chrysene	21.45	228	388481	3.101	ng/ul	97
21) Benzo(b)fluoranthene	23.02	252	479309m	3.284	ng/ul	
22) Benzo(k)fluoranthene	23.06	252	183330m	1.297	ng/ul	
23) Benzo(a)pyrene	23.62	252	328611	2.696	ng/ul	99
24) Indeno(1,2,3-cd)pyrene	26.08	276	217423	1.666	ng/ul#	93
25) Dibenzo(a,h)anthracene	26.08	278	59357	0.558	ng/ul#	87
26) Benzo(g,h,i)perylene	26.80	276	143397	1.282	ng/ul	98

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

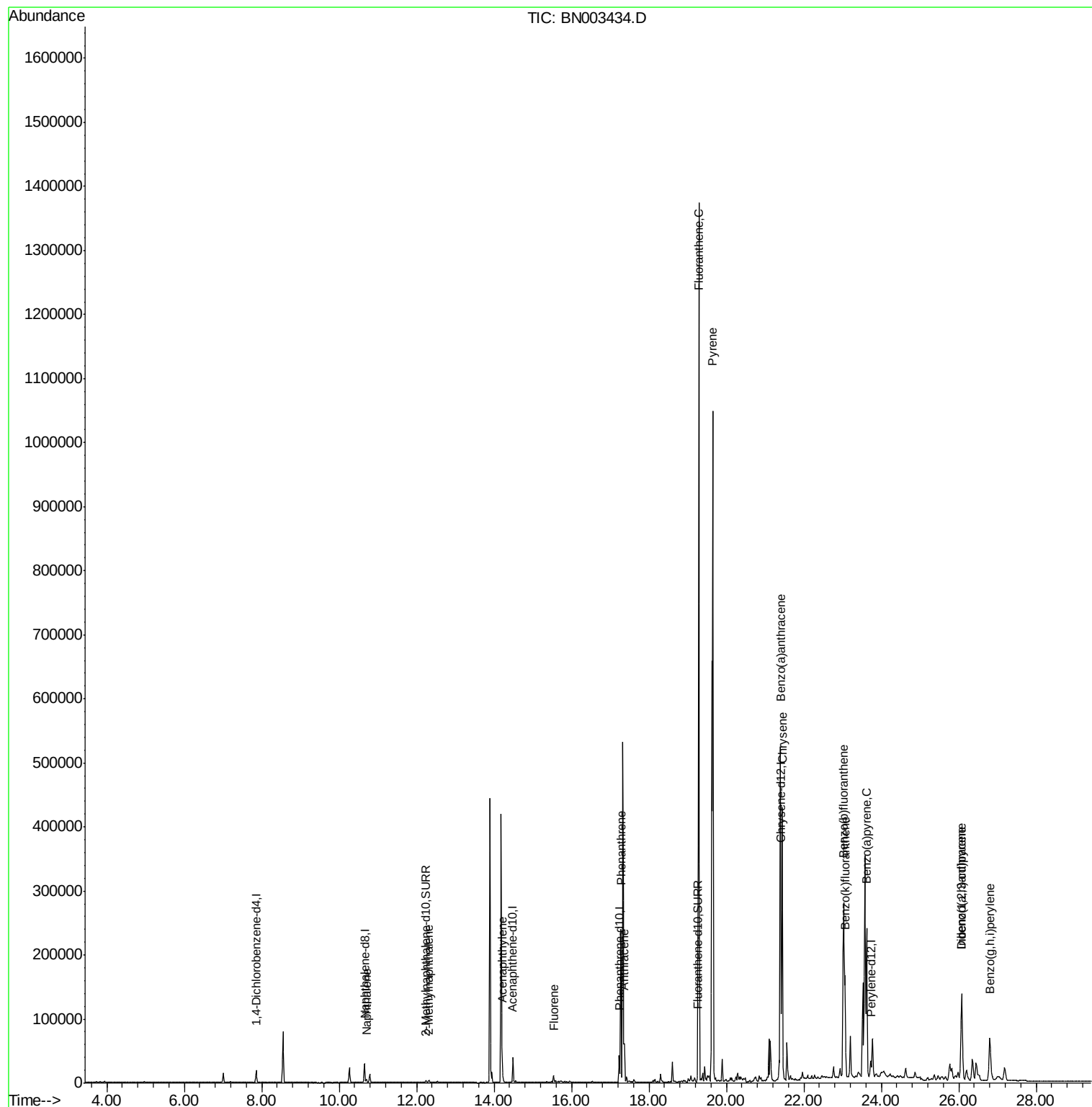
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN110518\
Data File : BN003434.D
Acq On : 05 Nov 2018 17:46
Operator : MJ/SJ
Sample : J5635-12DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

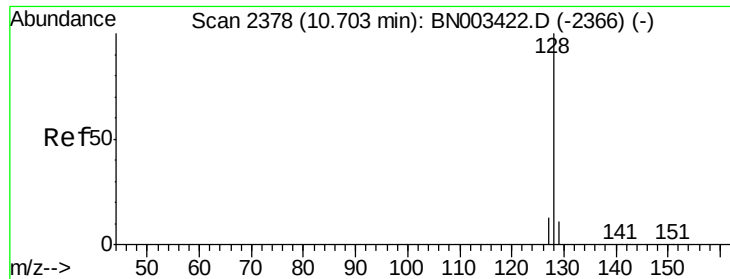
Instrument :
BNA_N
ClientSampleId :
A40J5DL

Manual Integrations
APPROVED

Sohil
11/6/2018 1:23:57 PM

Quant Time: Nov 06 01:53:29 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN110118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 06 01:43:43 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.051 ng/ul

RT: 10.70 min Scan# 2378

Delta R.T. -0.00 min

Lab File: BN003434.D

Acq: 05 Nov 2018 17:46

Instrument :

BNA_N

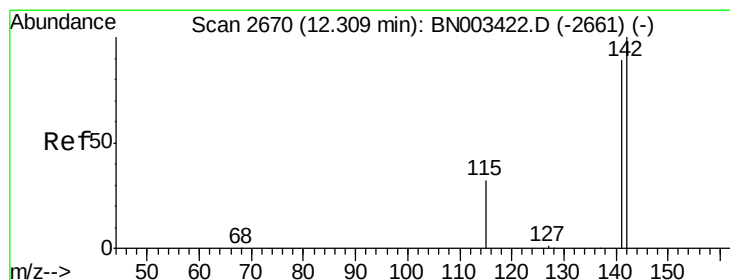
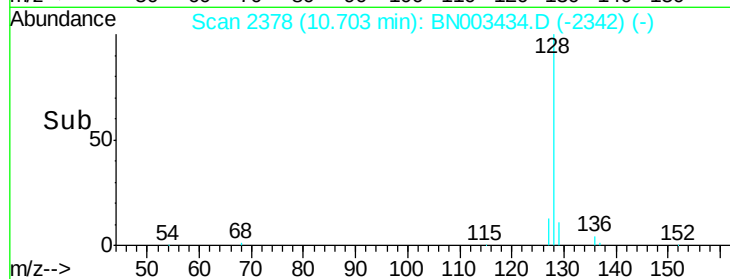
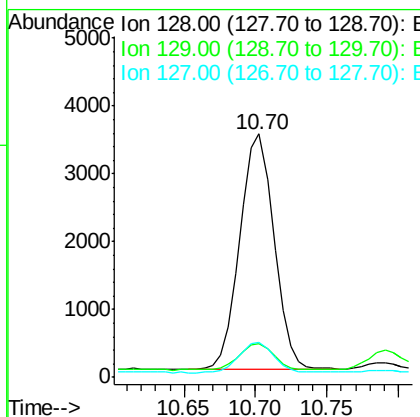
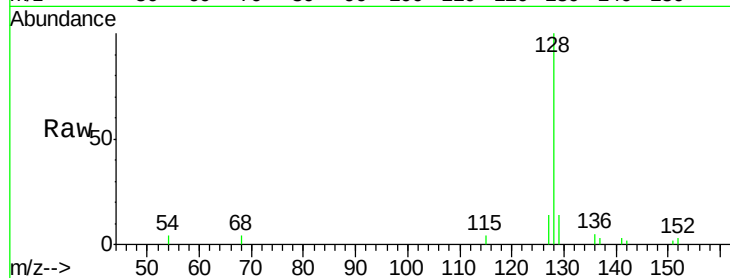
ClientSampleId :

A40J5DL

Tgt Ion:	128	Resp:	5764
Ion Ratio	Lower	Upper	
128	100		
129	13.7	9.0	13.6#
127	14.4	10.5	15.7

Manual Integrations
APPROVED

Sohil
11/6/2018 1:23:57 PM



#5

2-Methylnaphthalene

Concen: 0.034 ng/ul

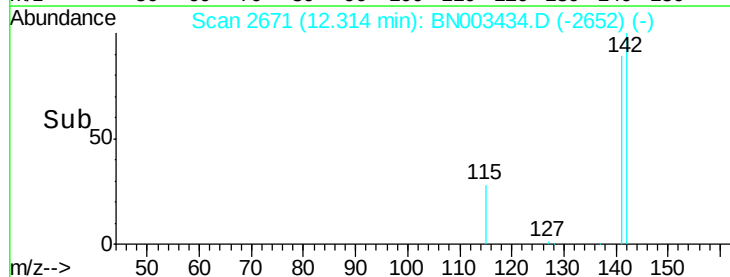
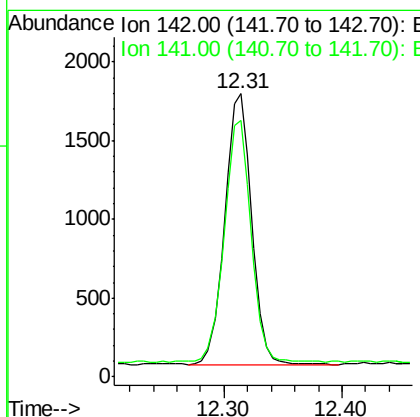
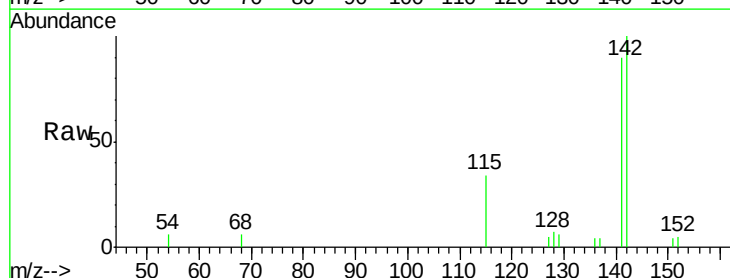
RT: 12.31 min Scan# 2671

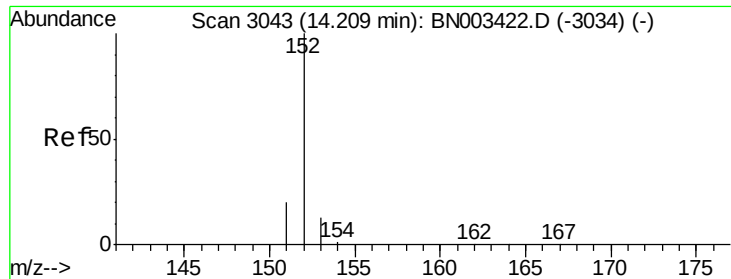
Delta R.T. 0.01 min

Lab File: BN003434.D

Acq: 05 Nov 2018 17:46

Tgt Ion:	142	Resp:	2738
Ion Ratio	Lower	Upper	
142	100		
141	89.2	71.2	106.8





#7

Acenaphthylene

Concen: 0.324 ng/ul

RT: 14.21 min Scan# 3044

Delta R.T. 0.00 min

Lab File: BN003434.D

Acq: 05 Nov 2018 17:46

Instrument :

BNA_N

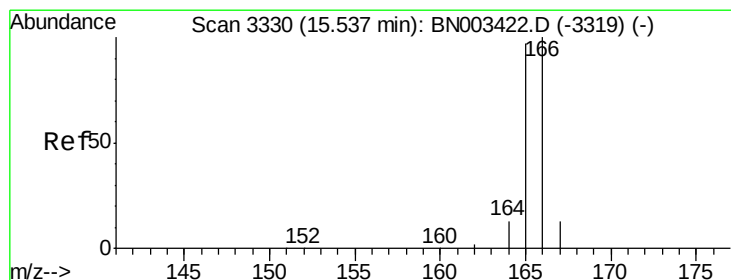
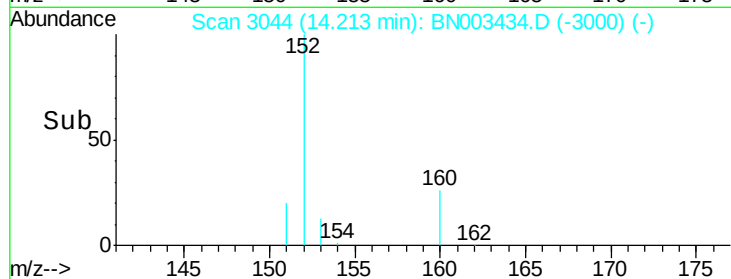
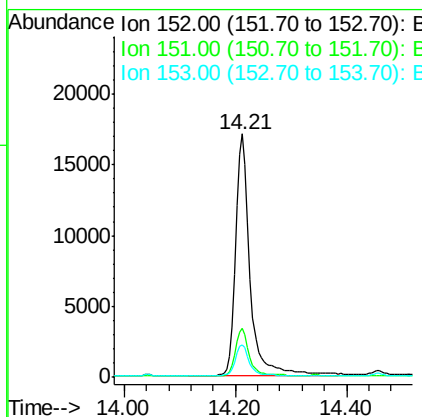
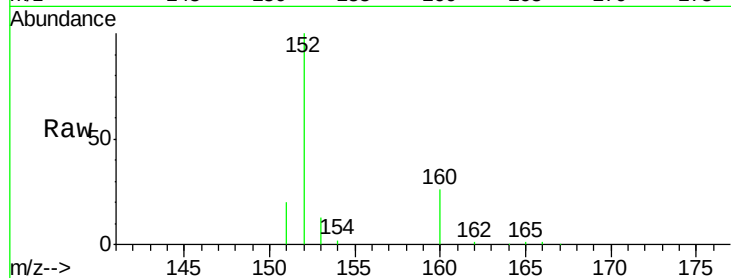
ClientSampled :

A40J5DL

Tgt Ion:	152	Resp:	30789
Ion Ratio	Lower	Upper	
152	100		
151	19.9	15.6	23.4
153	13.5	10.4	15.6

Manual Integrations
APPROVED

Sohil
11/6/2018 1:23:57 PM



#9

Fluorene

Concen: 0.069 ng/ul

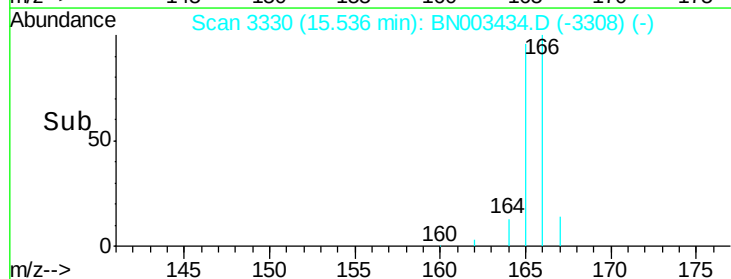
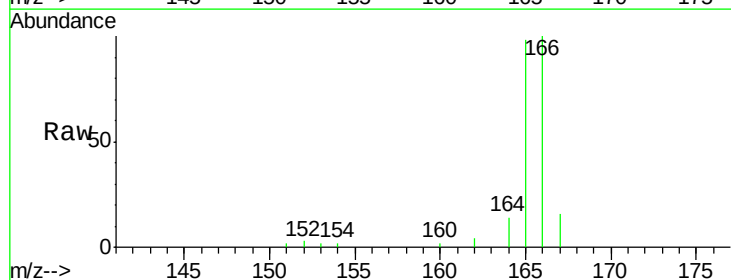
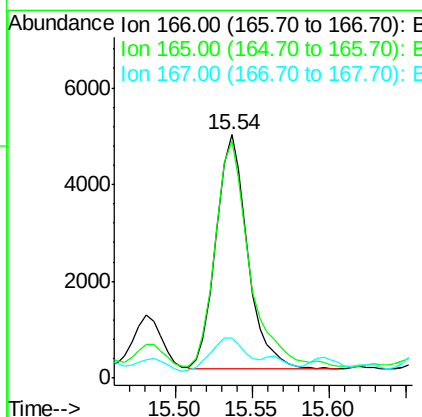
RT: 15.54 min Scan# 3330

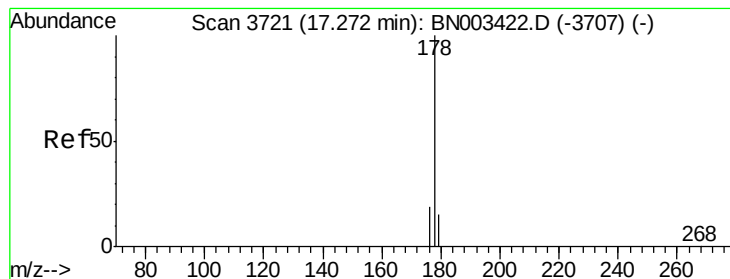
Delta R.T. -0.00 min

Lab File: BN003434.D

Acq: 05 Nov 2018 17:46

Tgt Ion:	166	Resp:	6926
Ion Ratio	Lower	Upper	
166	100		
165	97.7	78.3	117.5
167	16.4	10.8	16.2





#12

Phenanthrene

Concen: 1.569 ng/ul

RT: 17.27 min Scan# 3721

Delta R.T. -0.00 min

Lab File: BN003434.D

Acq: 05 Nov 2018 17:46

Instrument :

BNA_N

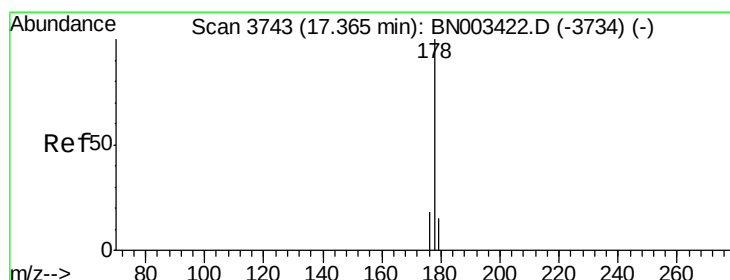
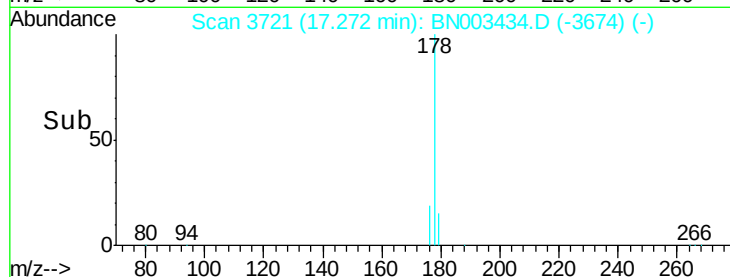
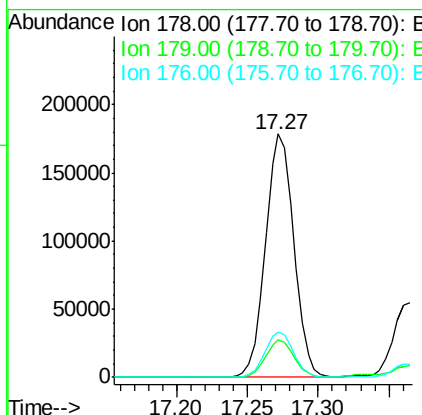
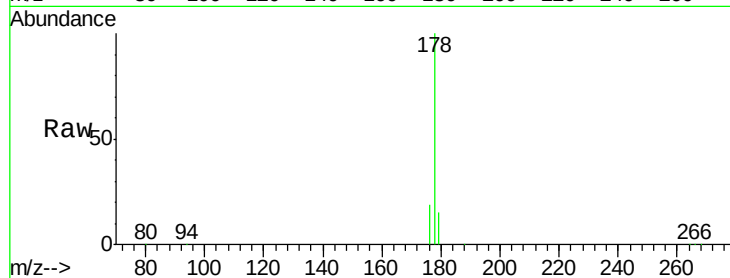
ClientSampleId :

A40J5DL

Tgt Ion:	178	Resp:	246900
Ion Ratio	Lower	Upper	
178	100		
179	15.5	12.4	18.6
176	18.8	15.0	22.4

Manual Integrations
APPROVED

Sohil
11/6/2018 1:23:57 PM



#13

Anthracene

Concen: 0.596 ng/ul

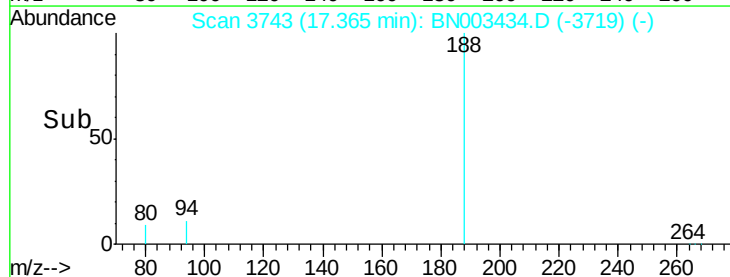
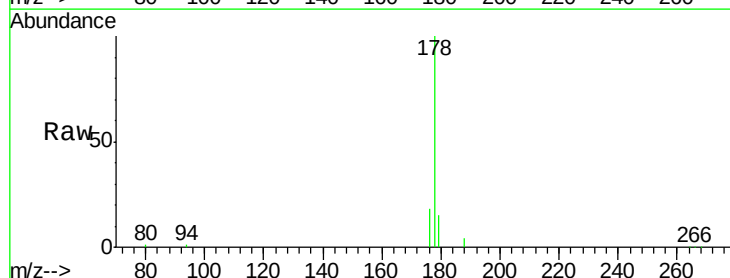
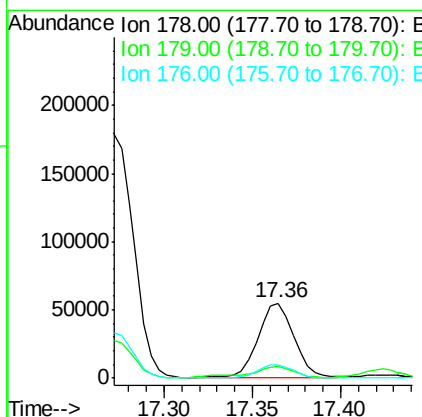
RT: 17.36 min Scan# 3743

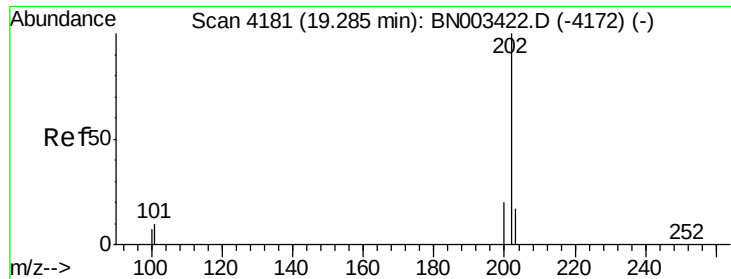
Delta R.T. -0.00 min

Lab File: BN003434.D

Acq: 05 Nov 2018 17:46

Tgt Ion:	178	Resp:	76405
Ion Ratio	Lower	Upper	
178	100		
179	15.4	12.2	18.2
176	18.0	14.7	22.1





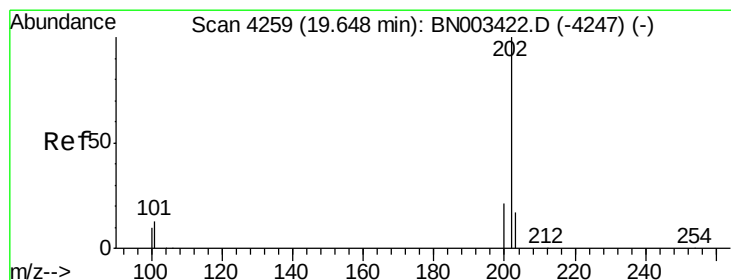
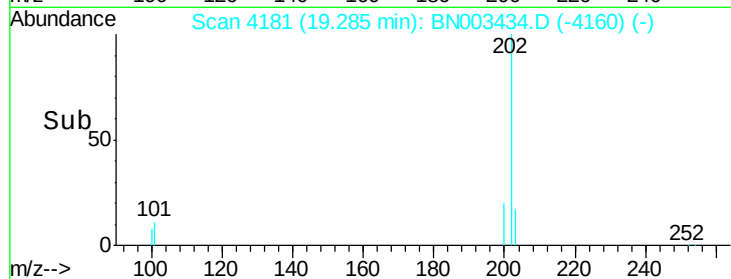
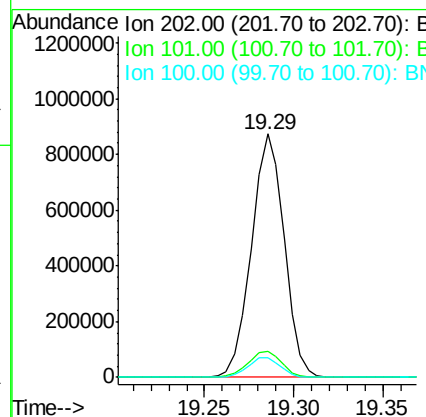
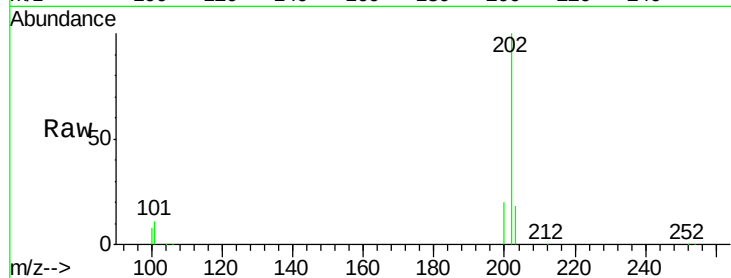
#15
Fluoranthene
 Concen: 6.300 ng/ul
 RT: 19.29 min Scan# 4181
 Delta R.T. -0.00 min
 Lab File: BN003434.D
 Acq: 05 Nov 2018 17:46

Instrument :
 BNA_N
 ClientSampled :
 A40J5DL

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	30.7
100	8.1	0.0	28.0

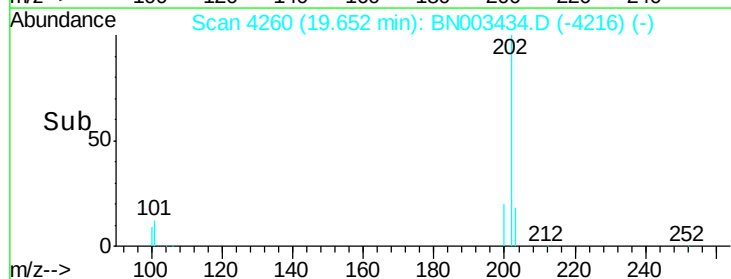
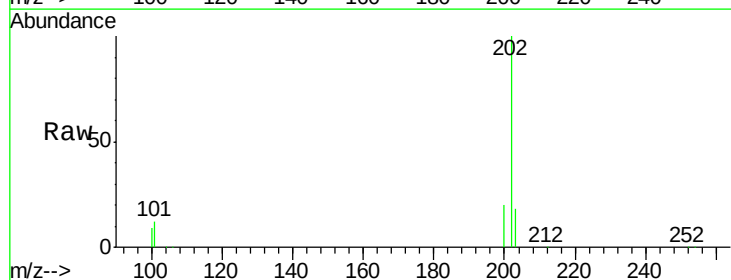
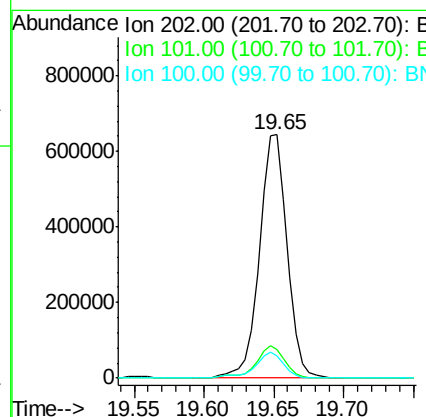
Manual Integrations
 APPROVED

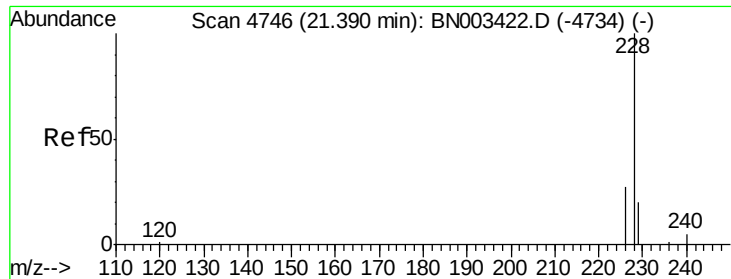
Sohil
 11/6/2018 1:23:57 PM



#17
Pyrene
 Concen: 6.992 ng/ul
 RT: 19.65 min Scan# 4260
 Delta R.T. 0.00 min
 Lab File: BN003434.D
 Acq: 05 Nov 2018 17:46

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.8	9.5	14.3
100	9.3	7.5	11.3





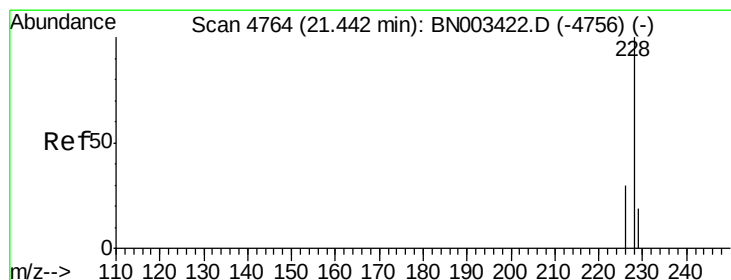
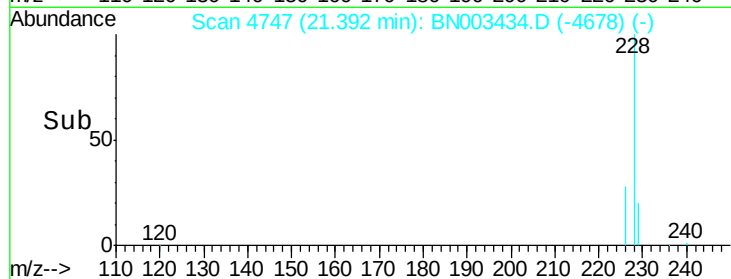
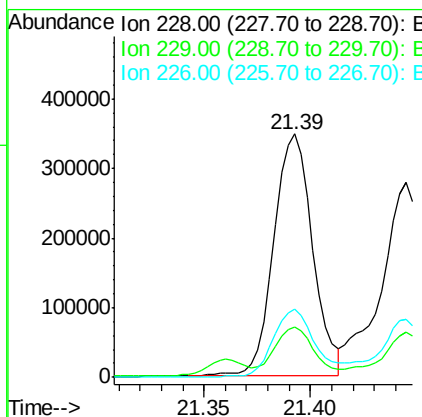
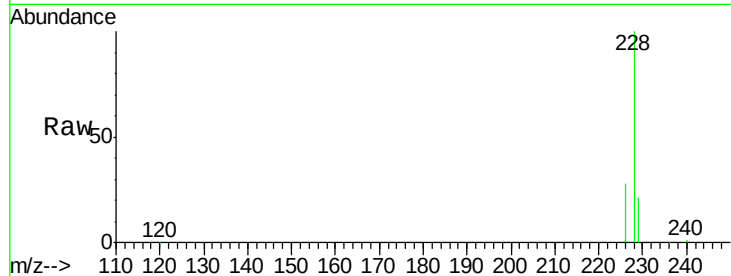
#18
Benzo(a)anthracene
Concen: 3.984 ng/ul
RT: 21.39 min Scan# 4747
Delta R.T. 0.00 min
Lab File: BN003434.D
Acq: 05 Nov 2018 17:46

Instrument :
BNA_N
ClientSampleId :
A40J5DL

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.5	23.3
226	27.8	21.5	32.3

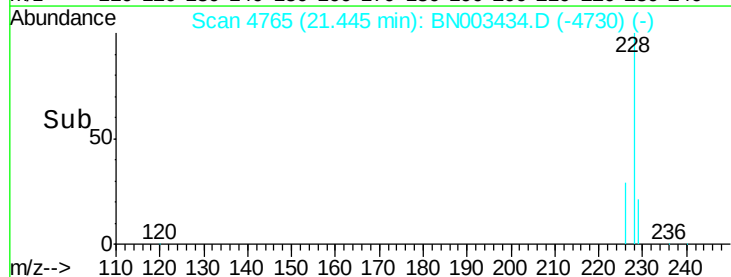
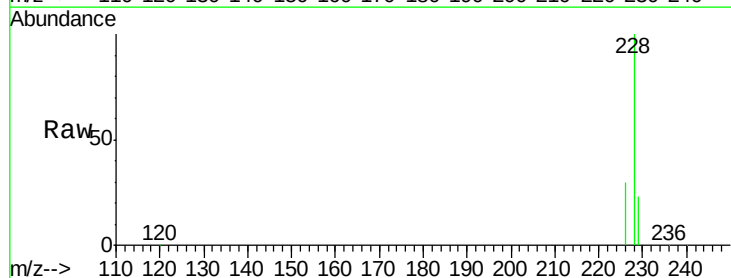
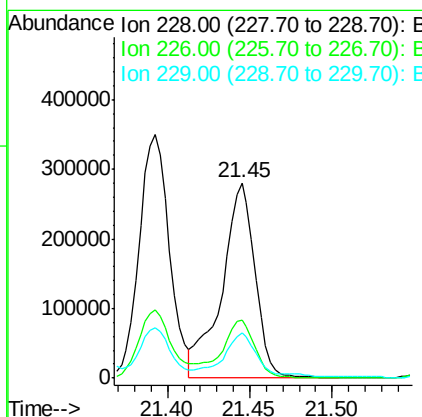
Manual Integrations
APPROVED

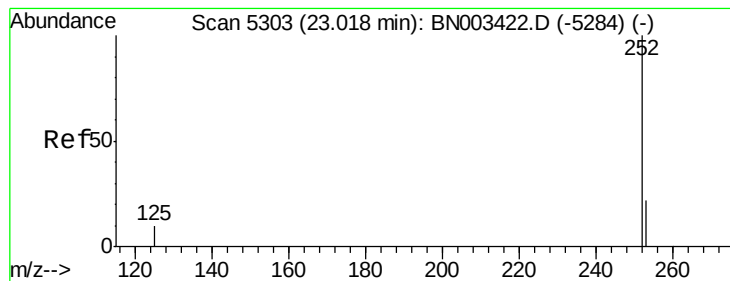
Sohil
11/6/2018 1:23:57 PM



#19
Chrysene
Concen: 3.101 ng/ul
RT: 21.45 min Scan# 4765
Delta R.T. 0.00 min
Lab File: BN003434.D
Acq: 05 Nov 2018 17:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.8	35.6
229	23.0	15.5	23.3





#21

Benzo(b)fluoranthene

Concen: 3.284 ng/ul m

RT: 23.02 min Scan# 5304

Delta R.T. 0.00 min

Lab File: BN003434.D

Acq: 05 Nov 2018 17:46

Instrument :

BNA_N

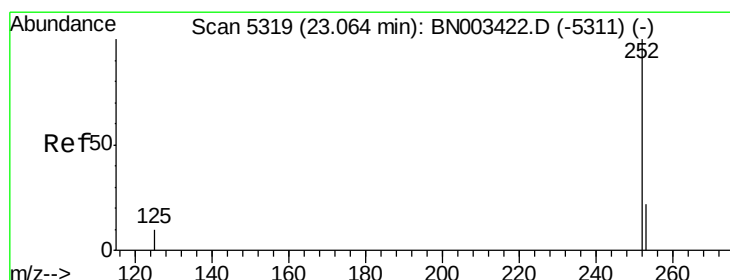
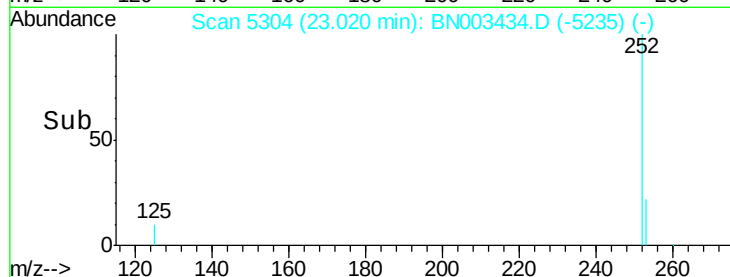
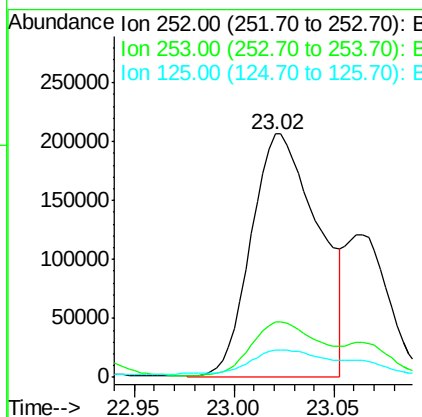
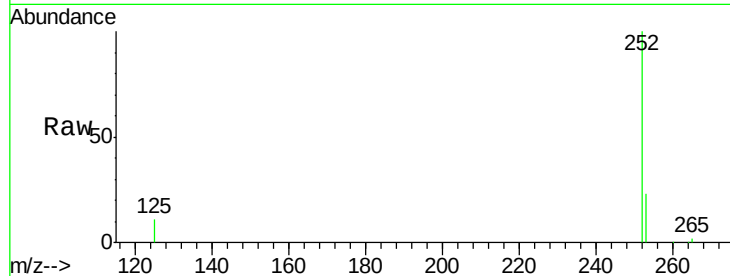
ClientSampled :

A40J5DL

Tgt Ion:	252	Resp:	479309
Ion Ratio	Lower	Upper	
252	100		
253	22.9	0.0	45.6
125	11.1	0.0	21.8

Manual Integrations
APPROVED

Sohil
11/6/2018 1:23:57 PM



#22

Benzo(k)fluoranthene

Concen: 1.297 ng/ul m

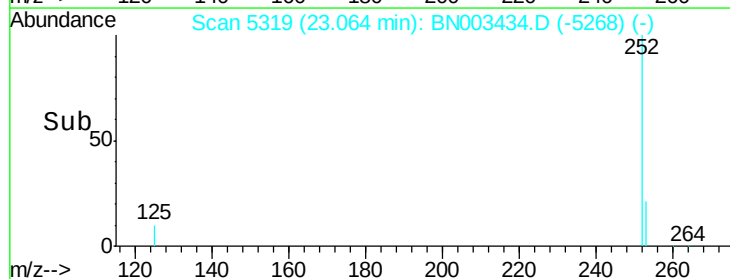
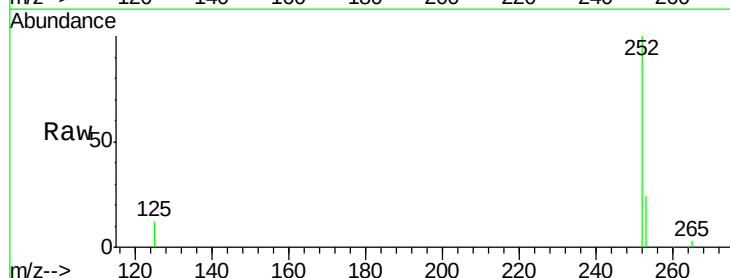
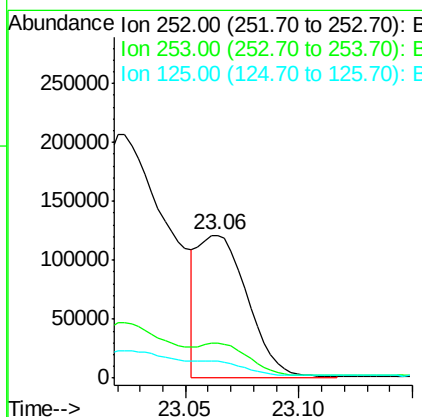
RT: 23.06 min Scan# 5319

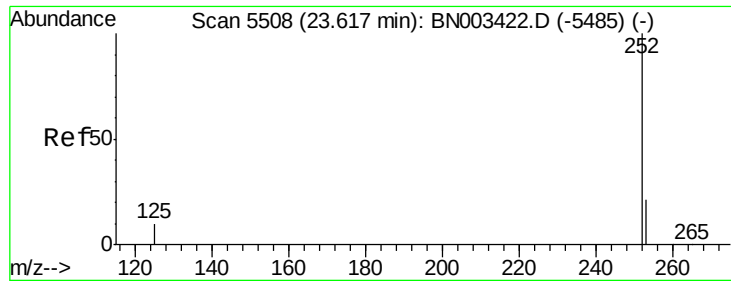
Delta R.T. -0.00 min

Lab File: BN003434.D

Acq: 05 Nov 2018 17:46

Tgt Ion:	252	Resp:	183330
Ion Ratio	Lower	Upper	
252	100		
253	24.3	18.2	27.4
125	11.6	8.6	13.0





#23

Benzo(a)pyrene

Concen: 2.696 ng/ul

RT: 23.62 min Scan# 5509

Delta R.T. 0.00 min

Lab File: BN003434.D

Acq: 05 Nov 2018 17:46

Instrument :

BNA_N

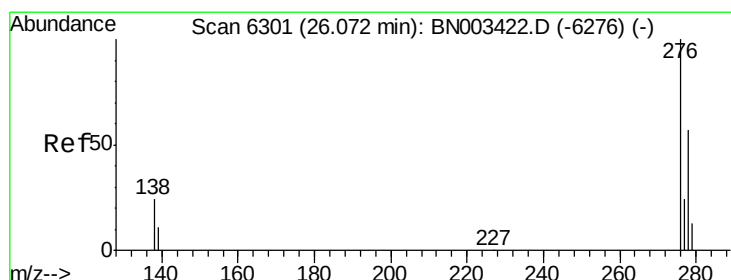
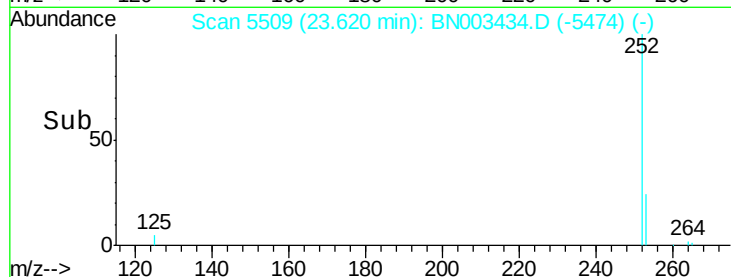
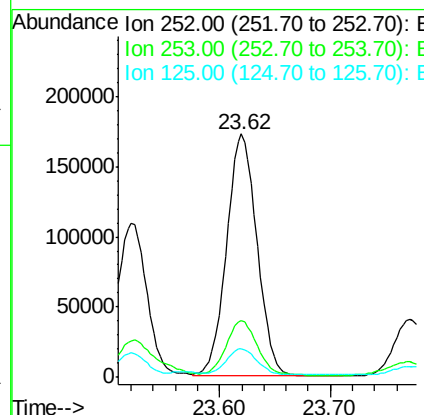
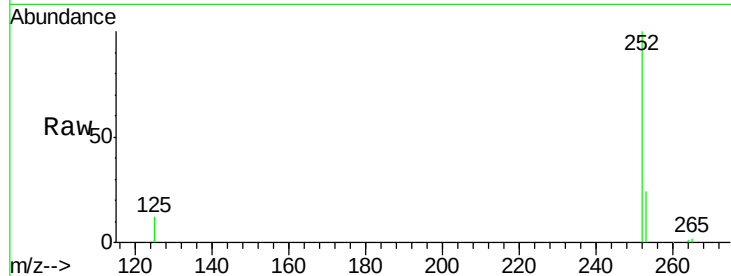
ClientSampleId :

A40J5DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	23.5	18.5	27.7
125	11.8	9.9	14.9

Manual Integrations
APPROVED

Sohil
11/6/2018 1:23:57 PM



#24

Indeno(1,2,3-cd)pyrene

Concen: 1.666 ng/ul

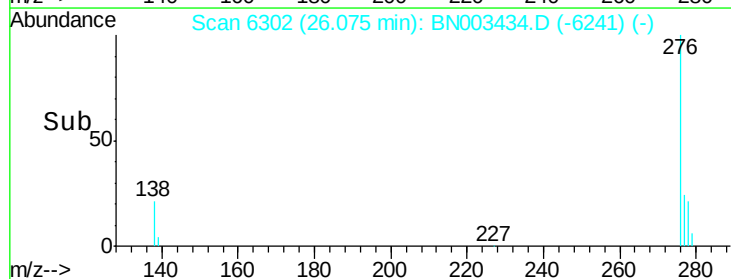
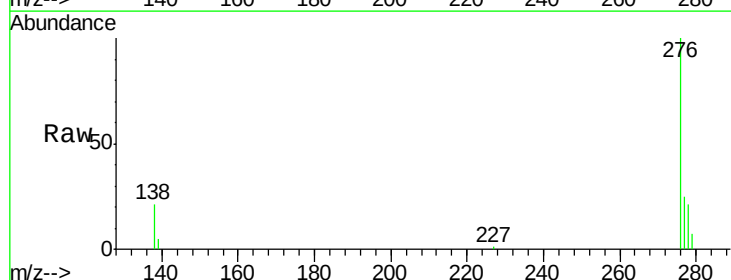
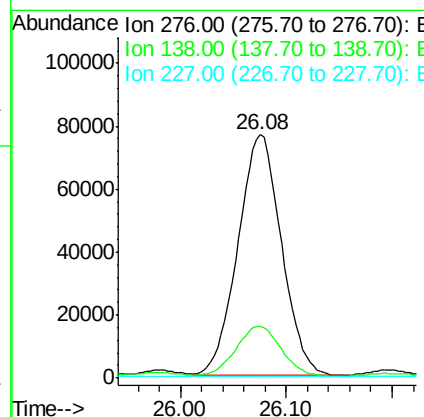
RT: 26.08 min Scan# 6302

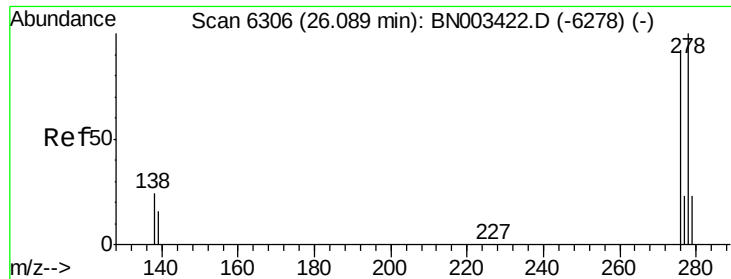
Delta R.T. 0.00 min

Lab File: BN003434.D

Acq: 05 Nov 2018 17:46

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	21.5	19.8	29.8
227	0.1	0.2	0.2#





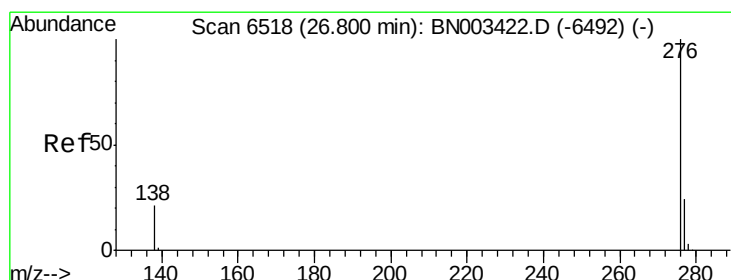
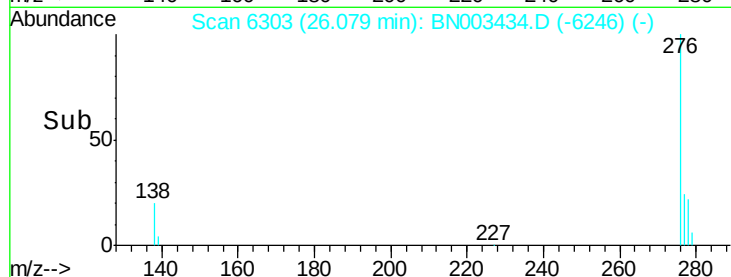
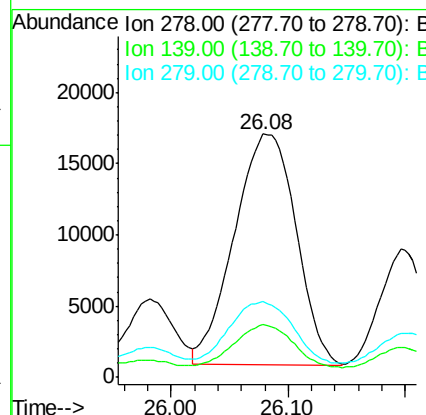
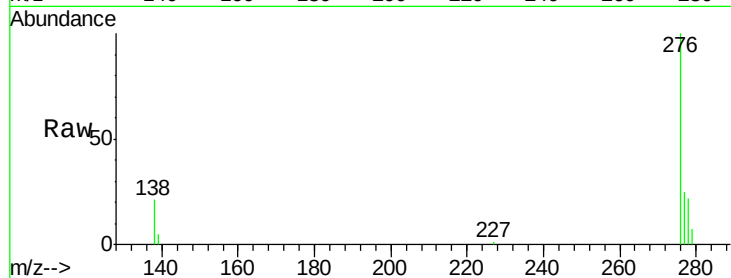
#25
Dibenzo(a,h)anthracene
Concen: 0.558 ng/ul
RT: 26.08 min Scan# 6303
Delta R.T. -0.01 min
Lab File: BN003434.D
Acq: 05 Nov 2018 17:46

Instrument :
BNA_N
ClientSampleId :
A40J5DL

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.6	13.1	19.7#
279	30.9	19.5	29.3#

Manual Integrations
APPROVED

Sohil
11/6/2018 1:23:57 PM



#26
Benzo(g,h,i)perylene
Concen: 1.282 ng/ul
RT: 26.80 min Scan# 6519
Delta R.T. 0.00 min
Lab File: BN003434.D
Acq: 05 Nov 2018 17:46

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.2	17.0	25.6
277	25.0	19.2	28.8

