

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000915.D
 Acq On : 26 Apr 2018 05:05
 Operator : JU/SJ
 Sample : J2443-10
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DARQ9

Manual Integrations
 APPROVED

Sohil
 4/26/2018 6:23:44 PM

Quant Time: Apr 26 08:52:28 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	139603	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	576665	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	291115	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	599806	20.00	ng/ul	0.00
17) Chrysene-d12	21.21	240	550949	20.00	ng/ul	0.00
22) Perylene-d12	23.41	264	595010	20.00	ng/ul	0.02
System Monitoring Compounds						
7) Acenaphthylene-d8	13.95	160	937415	33.53	ng/ul	0.00
10) Fluorene-d10	15.26	176	619253	33.18	ng/ul	0.00
14) Anthracene-d10	17.10	188	898159	32.74	ng/ul	0.00
18) Pyrene-d10	19.41	212	935019	33.12	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.27	264	903965	32.16	ng/ul	0.02
Target Compounds				Ovalue		
3) Naphthalene	10.44	128	38623	1.329	ng/ul	98
9) Acenaphthene	14.32	153	28845	1.509	ng/ul	97
11) Fluorene	15.31	166	31317	1.539	ng/ul	95
13) Phenanthrene	17.05	178	478680	14.632	ng/ul	99
15) Anthracene	17.14	178	105144	3.204	ng/ul	99
16) Fluoranthene	19.07	202	751111	22.630	ng/ul	96
19) Pyrene	19.44	202	598151	16.902	ng/ul#	93
20) Benzo(a)anthracene	21.20	228	343813	10.439	ng/ul	96
21) Chrysene	21.25	228	346479m	11.193	ng/ul	
23) Benzo(b)fluoranthene	22.76	252	493506m	14.594	ng/ul	
24) Benzo(k)fluoranthene	22.80	252	154156m	4.659	ng/ul	
26) Benzo(a)pyrene	23.32	252	317069	9.811	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	25.60	276	251230	6.436	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.60	278	68484	2.105	ng/ul#	80
29) Benzo(g,h,i)perylene	26.26	276	228739	7.007	ng/ul#	91

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

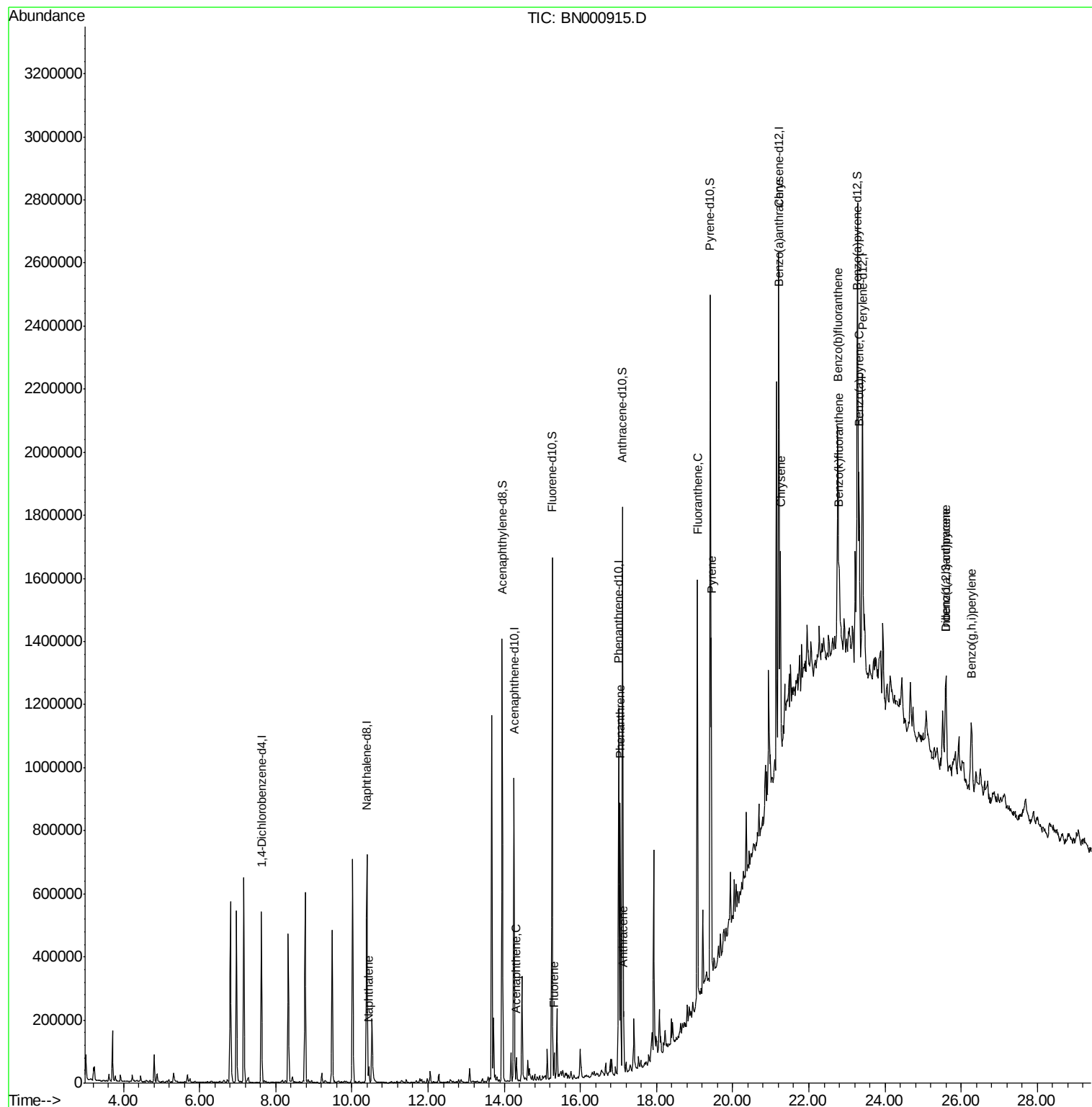
Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
Data File : BN000915.D
Acq On : 26 Apr 2018 05:05
Operator : JU/SJ
Sample : J2443-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

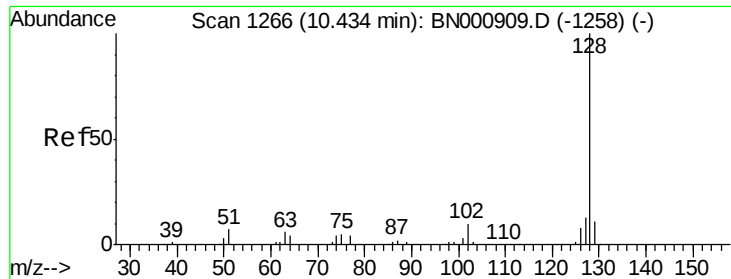
Instrument :
BNA_N
ClientSampleId :
DARQ9

Manual Integrations
APPROVED

Sohil
4/26/2018 6:23:44 PM

Quant Time: Apr 26 08:52:28 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 26 08:36:26 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 1.329 ng/ul

RT: 10.44 min Scan# 1267

Delta R.T. 0.01 min

Lab File: BN000915.D

Acq: 26 Apr 2018 05:05

Instrument :

BNA_N

ClientSampled :

DARQ9

Tot Ion:128 Resp: 38623

Ion Ratio Lower Upper

128 100

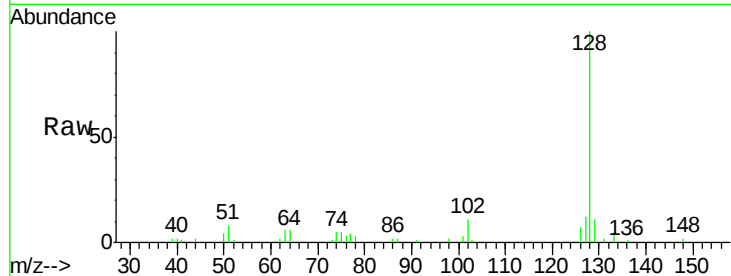
129 11.1 8.7 13.1

127 12.2 10.6 16.0

Manual Integrations
APPROVED

Sohil

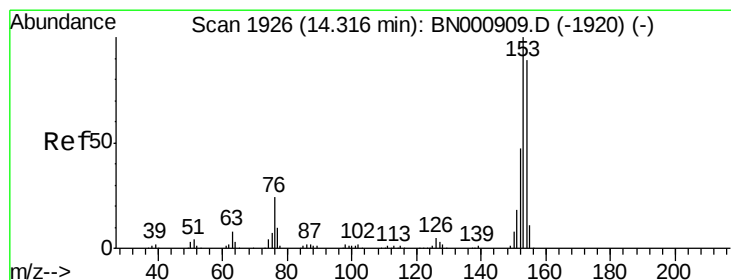
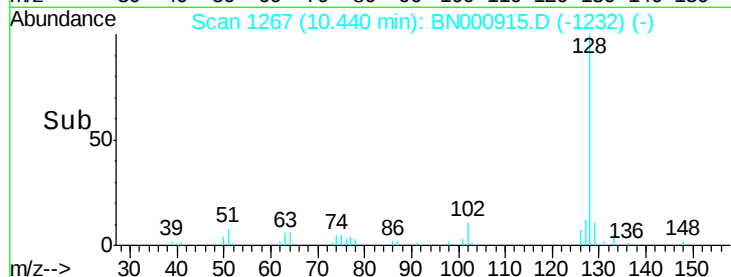
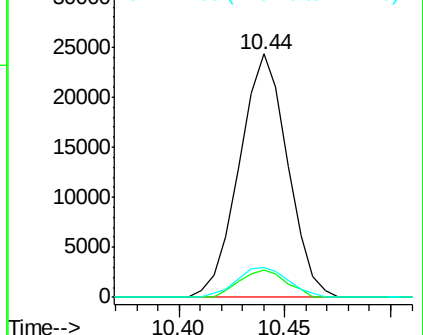
4/26/2018 6:23:44 PM



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



#9

Acenaphthene

Concen: 1.509 ng/ul

RT: 14.32 min Scan# 1927

Delta R.T. 0.01 min

Lab File: BN000915.D

Acq: 26 Apr 2018 05:05

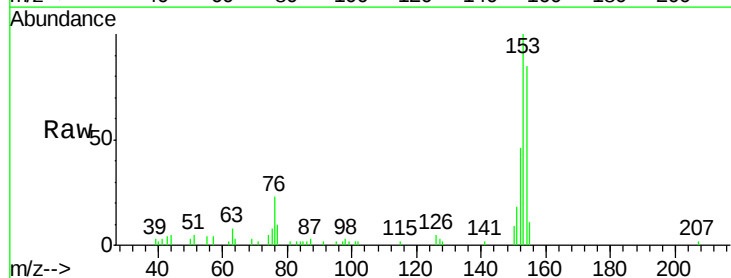
Tgt Ion:153 Resp: 28845

Ion Ratio Lower Upper

153 100

152 45.9 39.0 58.6

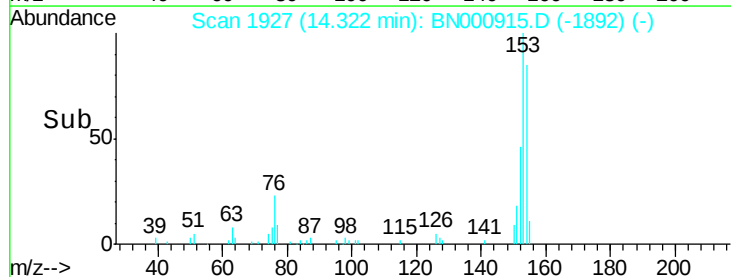
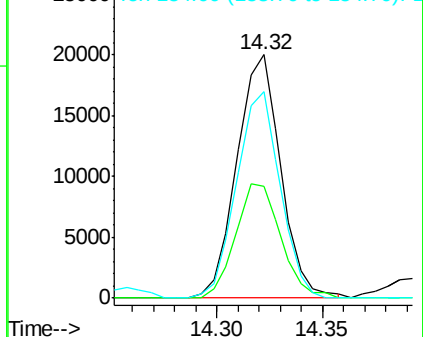
154 85.0 66.8 100.2

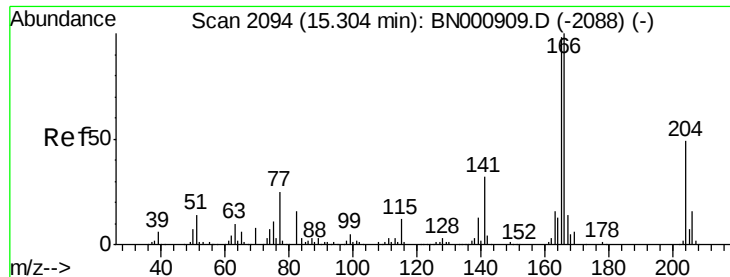


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





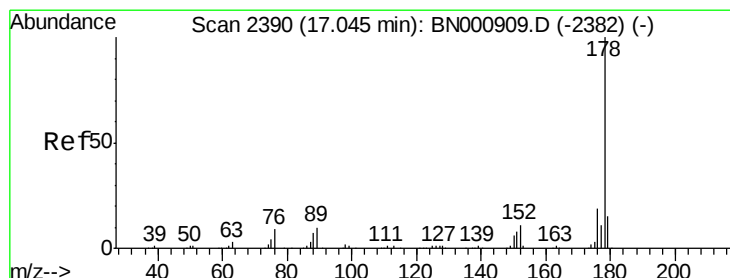
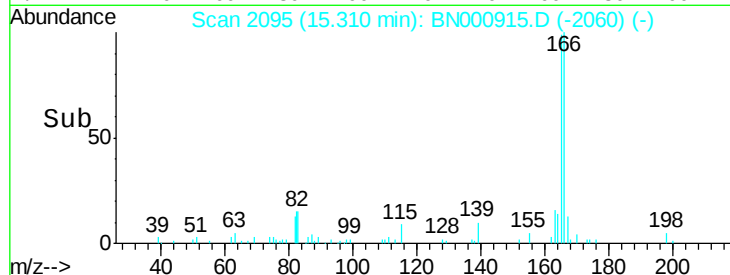
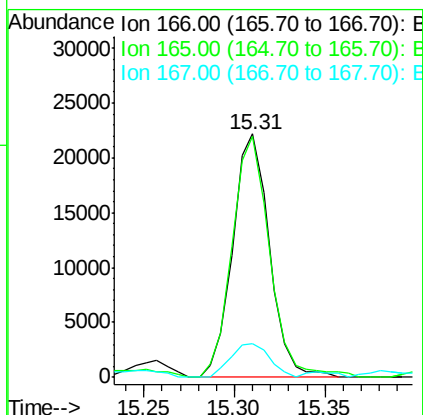
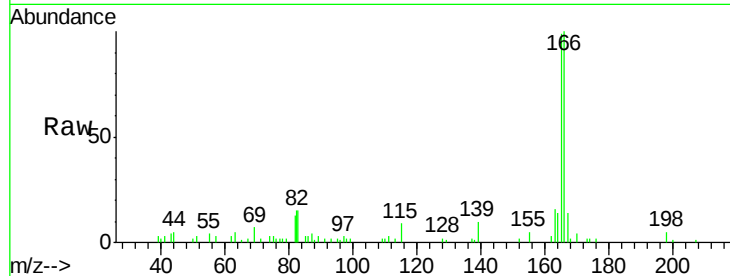
#11
Fluorene
 Concen: 1.539 ng/ul
 RT: 15.31 min Scan# 2095
 Delta R.T. 0.01 min
 Lab File: BN000915.D
 Acq: 26 Apr 2018 05:05

Instrument :
 BNA_N
 ClientSampleId :
 DARQ9

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.2	83.8	125.8
167	14.0	11.5	17.3

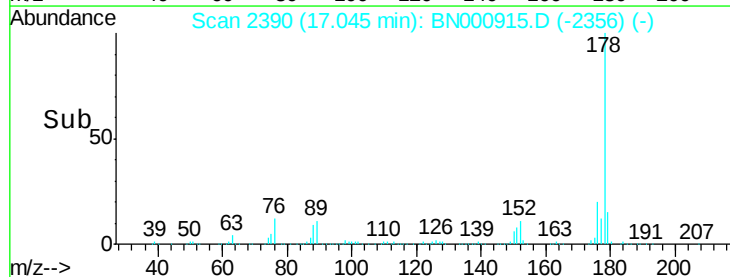
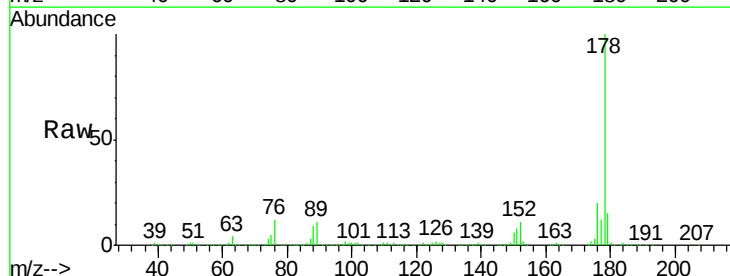
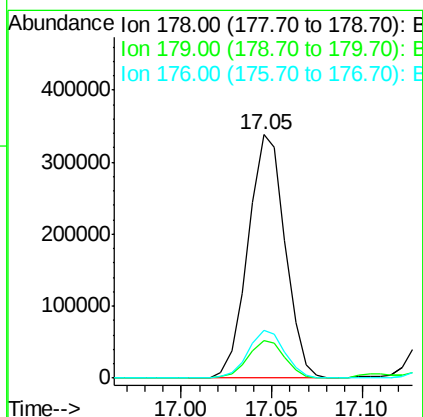
Manual Integrations
 APPROVED

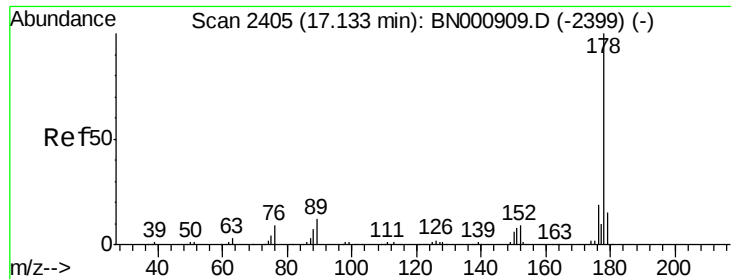
Sohil
 4/26/2018 6:23:44 PM



#13
Phenanthrene
 Concen: 14.632 ng/ul
 RT: 17.05 min Scan# 2390
 Delta R.T. 0.00 min
 Lab File: BN000915.D
 Acq: 26 Apr 2018 05:05

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.3	18.5
176	19.8	15.1	22.7





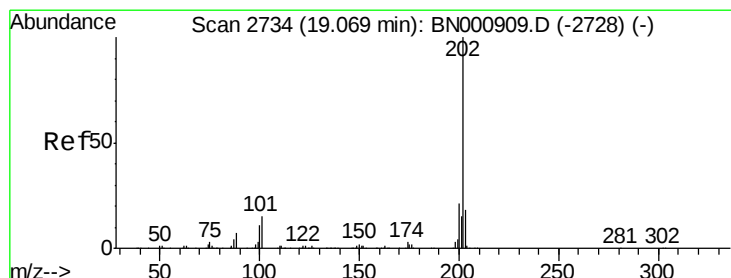
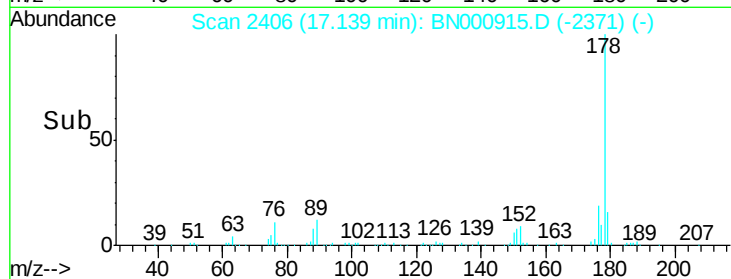
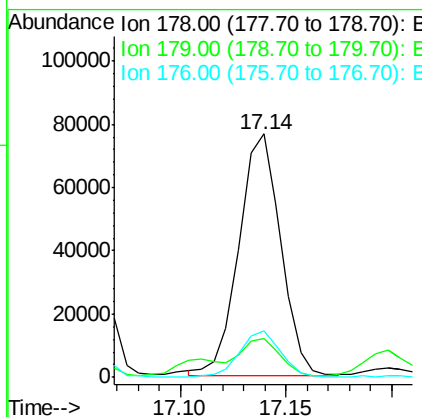
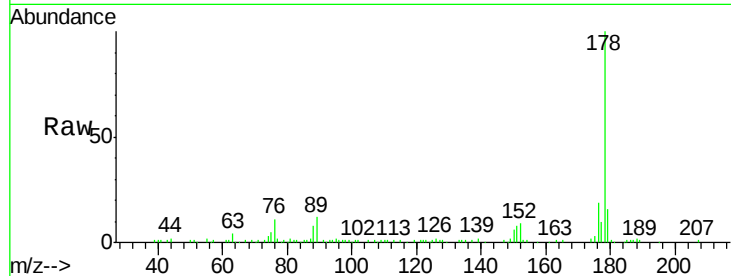
#15
 Anthracene
 Concen: 3.204 ng/ul
 RT: 17.14 min Scan# 2406
 Delta R.T. 0.01 min
 Lab File: BN000915.D
 Acq: 26 Apr 2018 05:05

Instrument :
 BNA_N
 ClientSampled :
 DARQ9

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.0	11.8	17.8
176	19.1	15.2	22.8

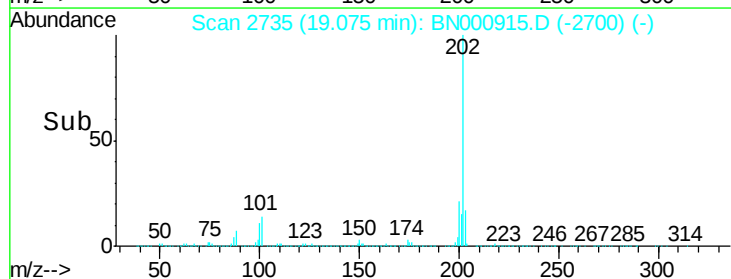
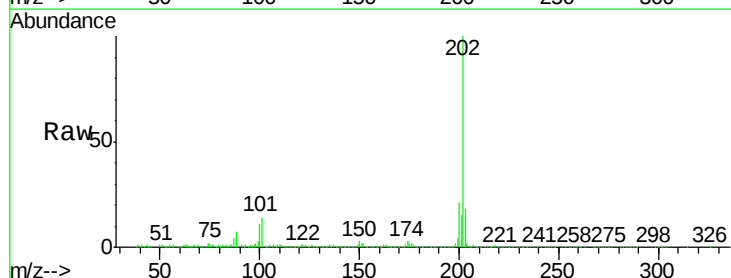
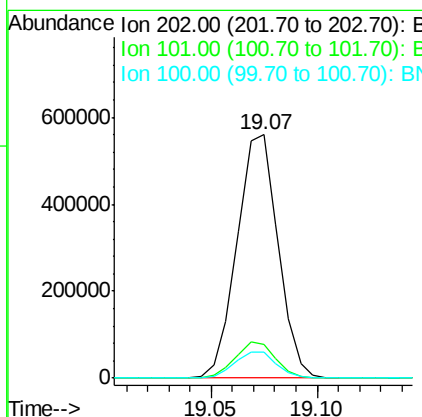
Manual Integrations
 APPROVED

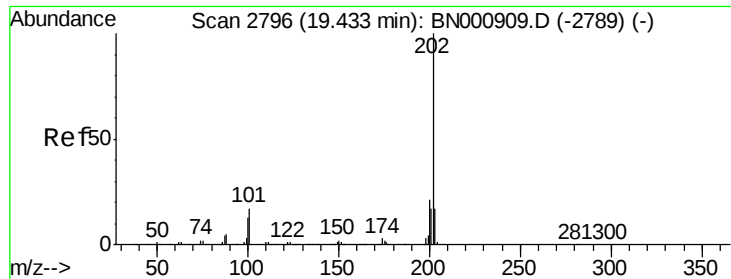
Sohil
 4/26/2018 6:23:44 PM



#16
 Fluoranthene
 Concen: 22.630 ng/ul
 RT: 19.07 min Scan# 2735
 Delta R.T. 0.01 min
 Lab File: BN000915.D
 Acq: 26 Apr 2018 05:05

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.9	9.9	14.9
100	10.7	7.4	11.0





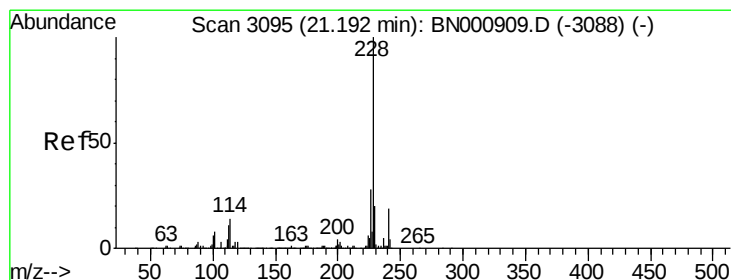
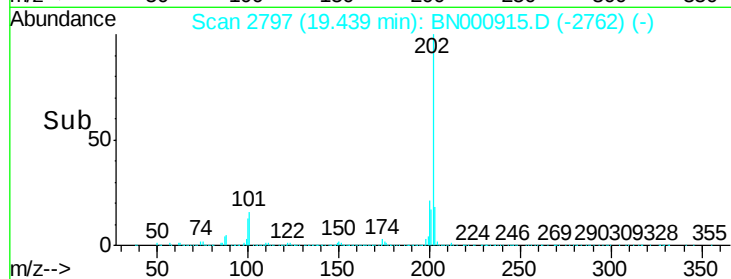
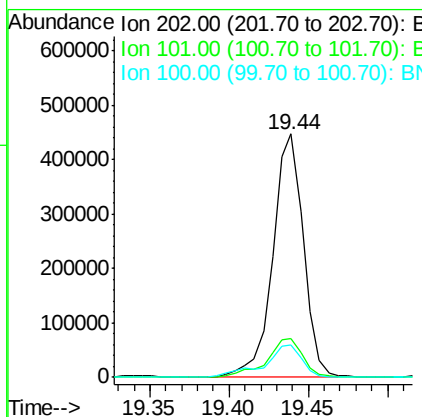
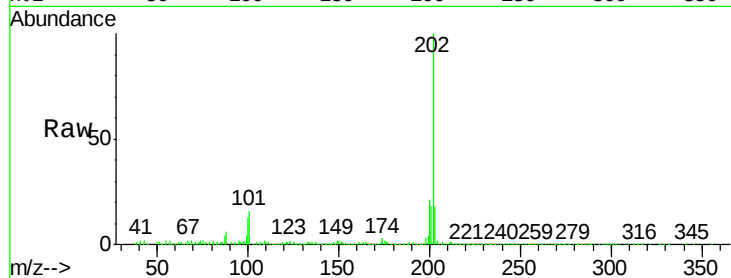
#19
Pvrene
Concen: 16.902 ng/ul
RT: 19.44 min Scan# 2797
Delta R.T. 0.01 min
Lab File: BN000915.D
Acq: 26 Apr 2018 05:05

Instrument :
BNA_N
ClientSampleId :
DARQ9

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	16.2	11.0	16.4
100	13.1	8.1	12.1

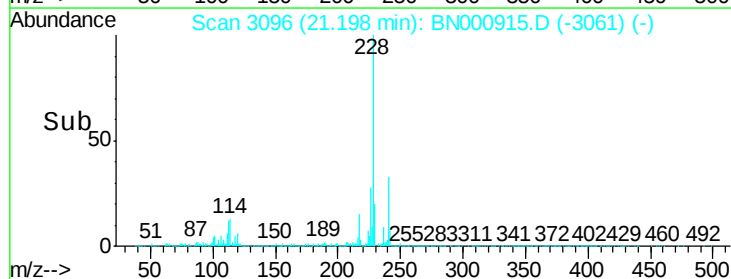
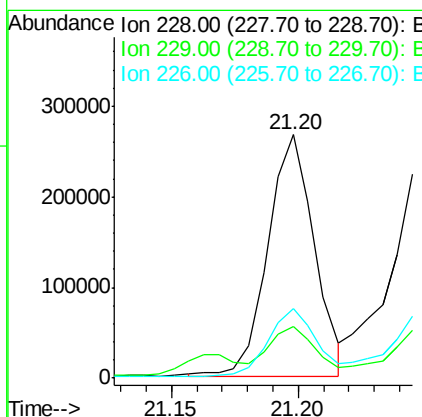
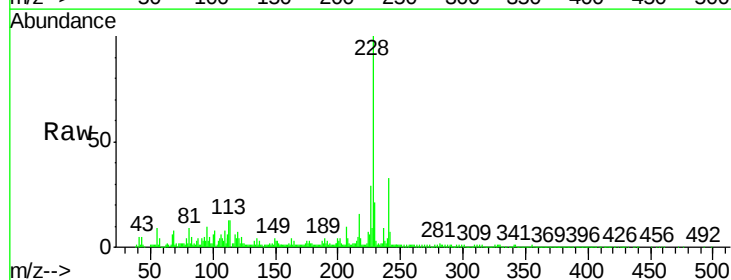
Manual Integrations
APPROVED

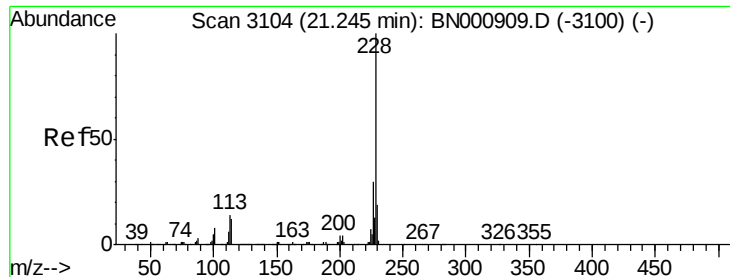
Sohil
4/26/2018 6:23:44 PM



#20
Benzo(a)anthracene
Concen: 10.439 ng/ul
RT: 21.20 min Scan# 3096
Delta R.T. 0.01 min
Lab File: BN000915.D
Acq: 26 Apr 2018 05:05

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	21.1	15.7	23.5
226	28.7	21.1	31.7





#21

Chrysene

Concen: 11.193 ng/ul m

RT: 21.25 min Scan# 3105

Delta R.T. 0.01 min

Lab File: BN000915.D

Acq: 26 Apr 2018 05:05

Instrument :

BNA_N

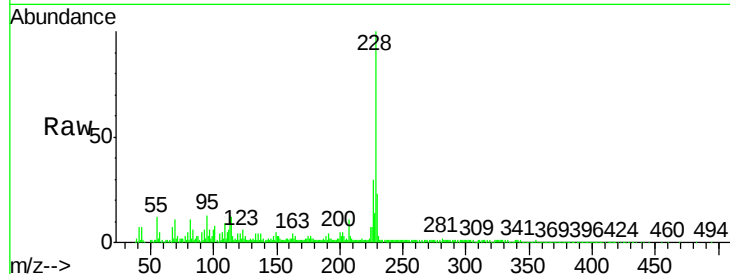
ClientSampled :

DARQ9

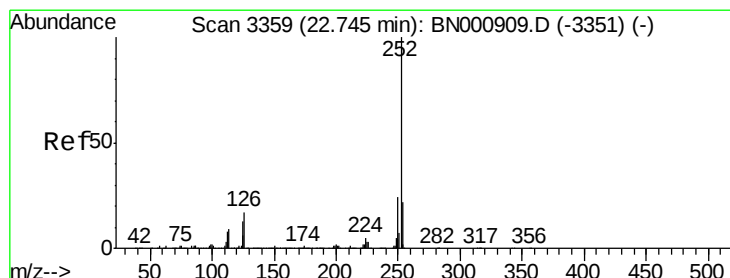
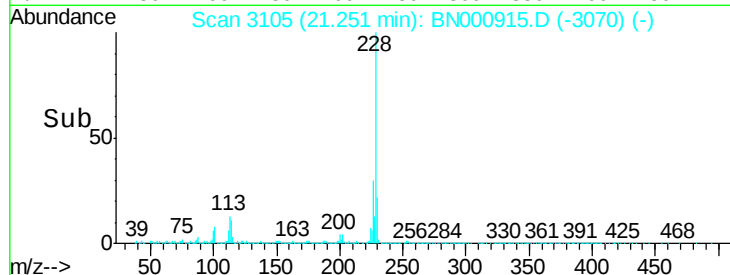
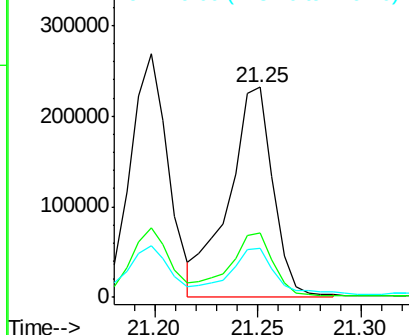
Tot Ion:	228	Resp:	346479
Ion Ratio	Lower	Upper	
228	100		
226	30.4	24.5	36.7
229	23.4	15.8	23.8

Manual Integrations
APPROVED

Sohil
4/26/2018 6:23:44 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



#23

Benzo(b)fluoranthene

Concen: 14.594 ng/ul m

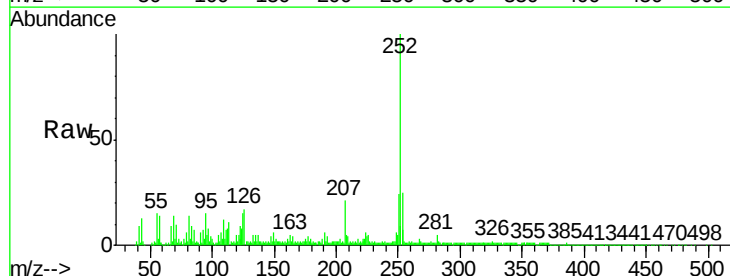
RT: 22.76 min Scan# 3361

Delta R.T. 0.01 min

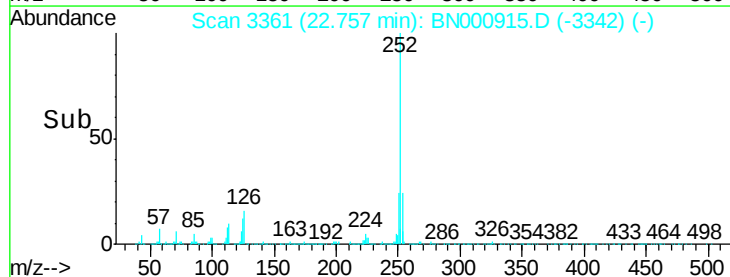
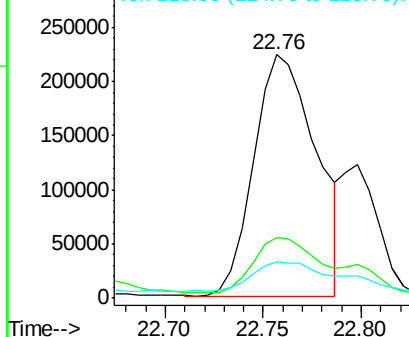
Lab File: BN000915.D

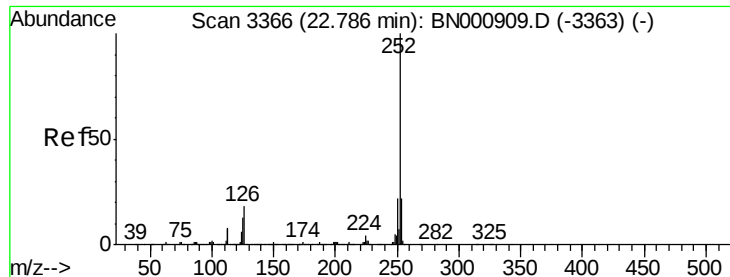
Acq: 26 Apr 2018 05:05

Tgt Ion:	252	Resp:	493506
Ion Ratio	Lower	Upper	
252	100		
253	25.1	18.0	27.0
125	14.8	8.0	12.0#



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





#24

Benzo(k)fluoranthene

Concen: 4.659 ng/ul

RT: 22.80 min Scan# 3368

Delta R.T. 0.01 min

Lab File: BN000915.D

Acq: 26 Apr 2018 05:05

Instrument :

BNA_N

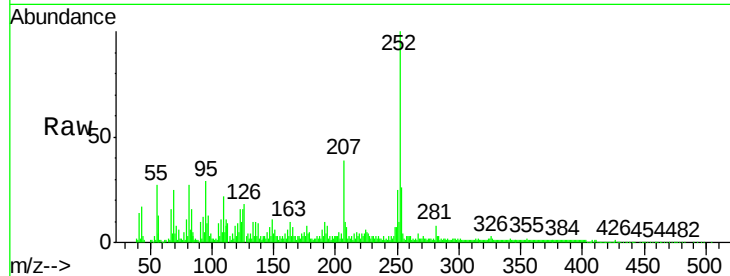
ClientSampled :

DARQ9

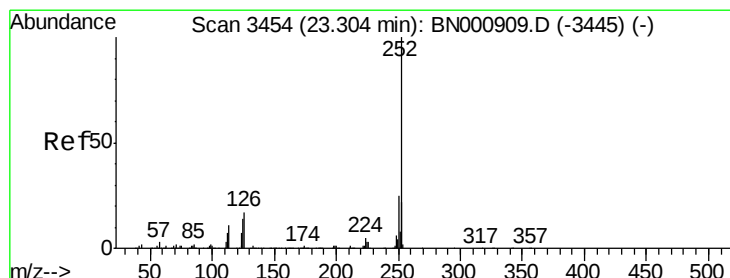
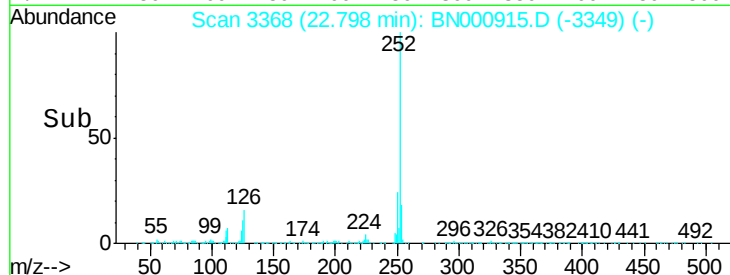
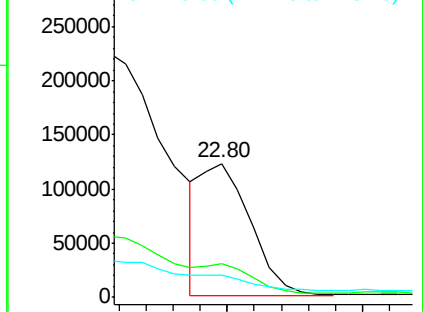
Tot Ion:	252	Resp:	154156
Ion Ratio	Lower	Upper	
252	100		
253	25.7	18.0	27.0
125	16.2	8.1	12.1#

Manual Integrations
APPROVED

Sohil
4/26/2018 6:23:44 PM



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



#26

Benzo(a)pyrene

Concen: 9.811 ng/ul

RT: 23.32 min Scan# 3456

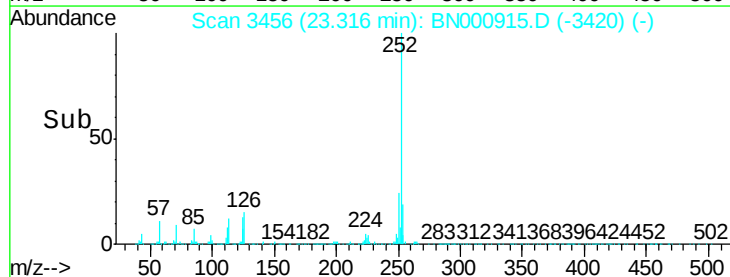
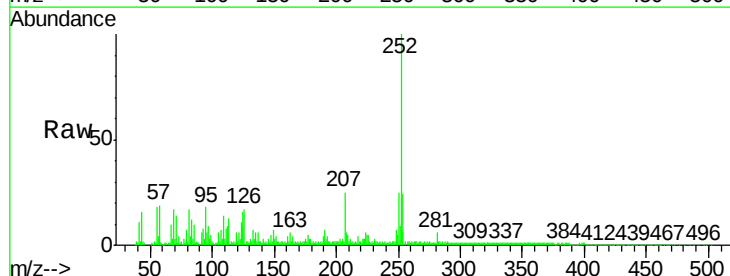
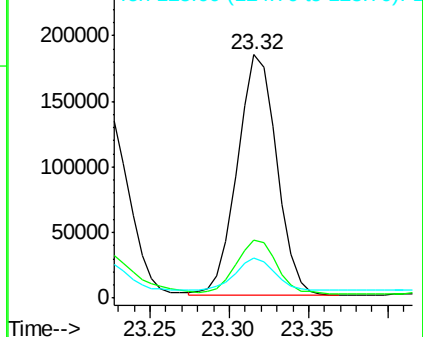
Delta R.T. 0.01 min

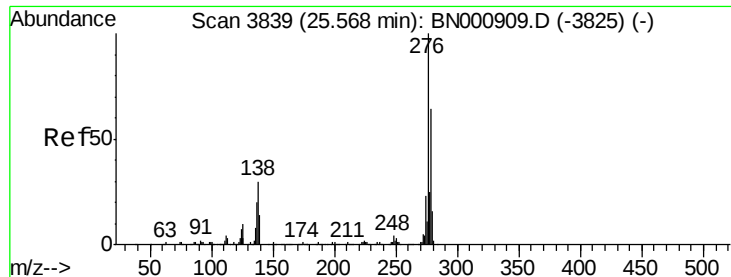
Lab File: BN000915.D

Acq: 26 Apr 2018 05:05

Tgt Ion:	252	Resp:	317069
Ion Ratio	Lower	Upper	
252	100		
253	23.8	17.2	25.8
125	16.2	8.2	12.4#

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





#27

Indeno(1,2,3-cd)pyrene

Concen: 6.436 ng/ul

RT: 25.60 min Scan# 3844

Delta R.T. 0.03 min

Lab File: BN000915.D

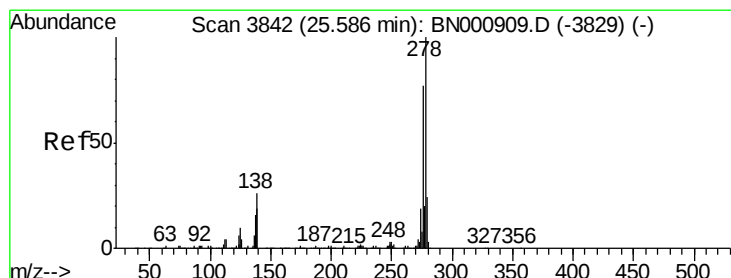
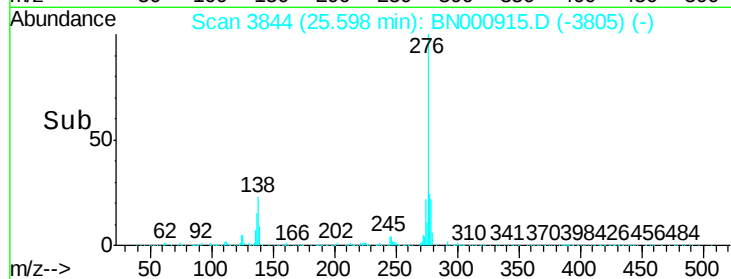
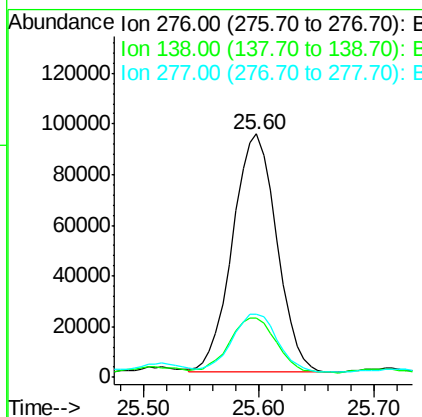
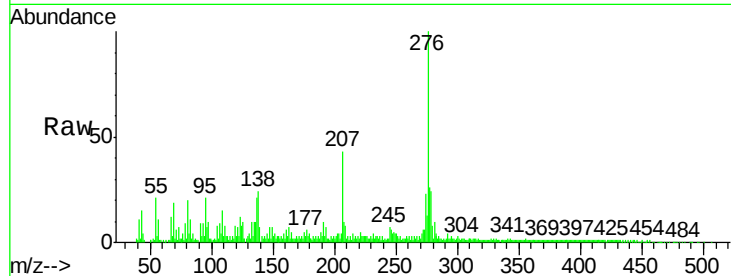
Acq: 26 Apr 2018 05:05

Instrument :
BNA_N
ClientSampleId :
DARQ9

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.4	14.4	21.6#
277	25.7	18.0	27.0

Manual Integrations
APPROVED

Sohil
4/26/2018 6:23:44 PM



#28

Dibenzo(a,h)anthracene

Concen: 2.105 ng/ul

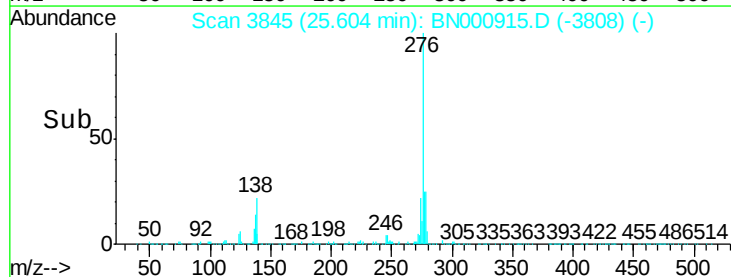
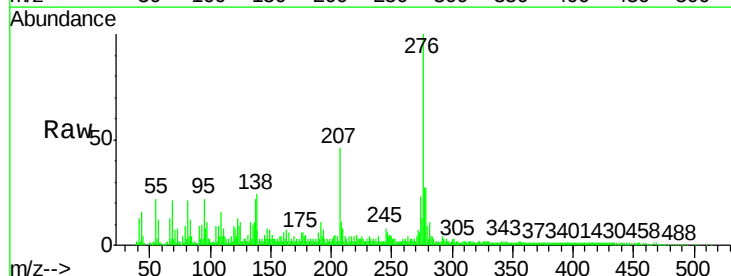
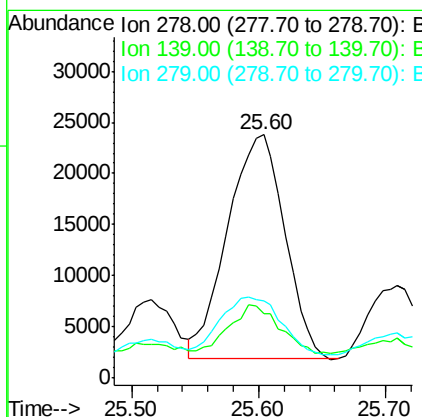
RT: 25.60 min Scan# 3845

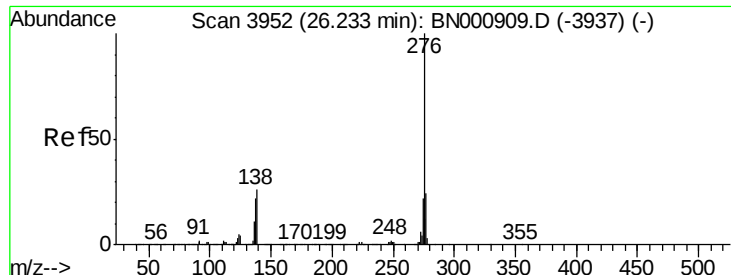
Delta R.T. 0.02 min

Lab File: BN000915.D

Acq: 26 Apr 2018 05:05

Tgt Ion	Ratio	Lower	Upper
278	100		
139	26.4	12.2	18.4#
279	31.7	19.2	28.8#





#29

Benzo(a,h,i)perylene

Concen: 7.007 ng/ul

RT: 26.26 min Scan# 3957

Delta R.T. 0.03 min

Lab File: BN000915.D

Acq: 26 Apr 2018 05:05

Instrument :

BNA_N

ClientSampleId :

DARQ9

Tot Ion: 276 Resp: 228739

Ion Ratio Lower Upper

276 100

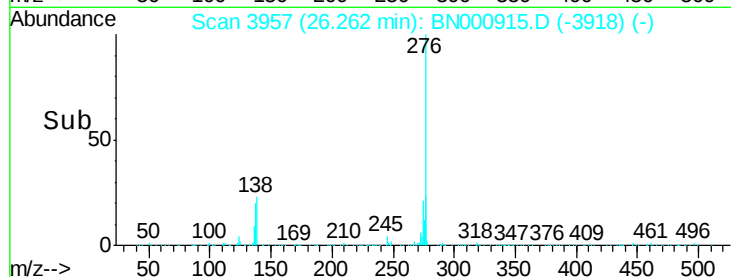
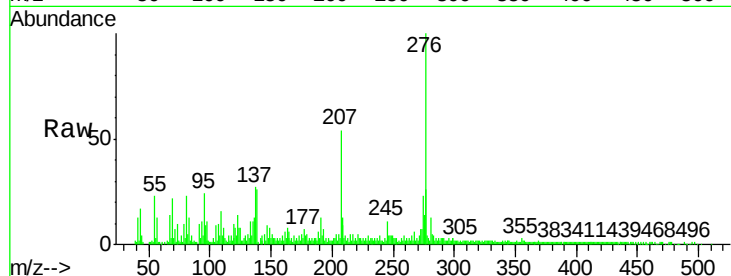
138 25.7 15.3 22.9#

277 26.2 19.0 28.4

Manual Integrations
APPROVED

Sohil

4/26/2018 6:23:44 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

