

Data Path : Z:\HPCHEM1\BNA_N\DATA\BN031218\
 Data File : BN000306.D
 Acq On : 12 Mar 2018 12:36
 Operator : JU/SJ
 Sample : J1843-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAM63

Manual Integrations
 APPROVED

Sohil
 3/13/2018 5:32:30 PM

Quant Time: Mar 12 13:42:57 2018
 Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030918MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 09 23:47:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	226835	20.00	ng/ul	0.00
2) Naphthalene-d8	11.29	136	1124963	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.06	164	649900	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.78	188	1395555	20.00	ng/ul	0.00
17) Chrysene-d12	21.89	240	1492600	20.00	ng/ul	0.00
22) Perylene-d12	24.37	264	1528391	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.76	160	1312941	20.35	ng/ul	0.00
10) Fluorene-d10	16.04	176	889566	20.37	ng/ul	0.00
14) Anthracene-d10	17.87	188	1344709	20.62	ng/ul	0.00
18) Pyrene-d10	20.13	212	1513988	20.73	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.21	264	1479047	21.19	ng/ul	0.00
Target Compounds				Qvalue		
9) Acenaphthene	15.12	153	54480	1.208	ng/ul	94
11) Fluorene	16.09	166	50009	1.005	ng/ul	92
13) Phenanthrene	17.82	178	574517	7.178	ng/ul	99
15) Anthracene	17.91	178	146981	1.810	ng/ul	99
16) Fluoranthene	19.80	202	741737	8.578	ng/ul	95
19) Pyrene	20.16	202	671449	7.125	ng/ul#	90
20) Benzo(a)anthracene	21.87	228	369819	3.985	ng/ul	99
21) Chrysene	21.93	228	337529	3.833	ng/ul	98
23) Benzo(b)fluoranthene	23.62	252	396757	4.353	ng/ul#	95
24) Benzo(k)fluoranthene	23.66	252	167389m	1.962	ng/ul	
26) Benzo(a)pyrene	24.26	252	308674	3.559	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.92	276	153519	1.641	ng/ul#	87
29) Benzo(g,h,i)perylene	27.71	276	142768	1.828	ng/ul#	88

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

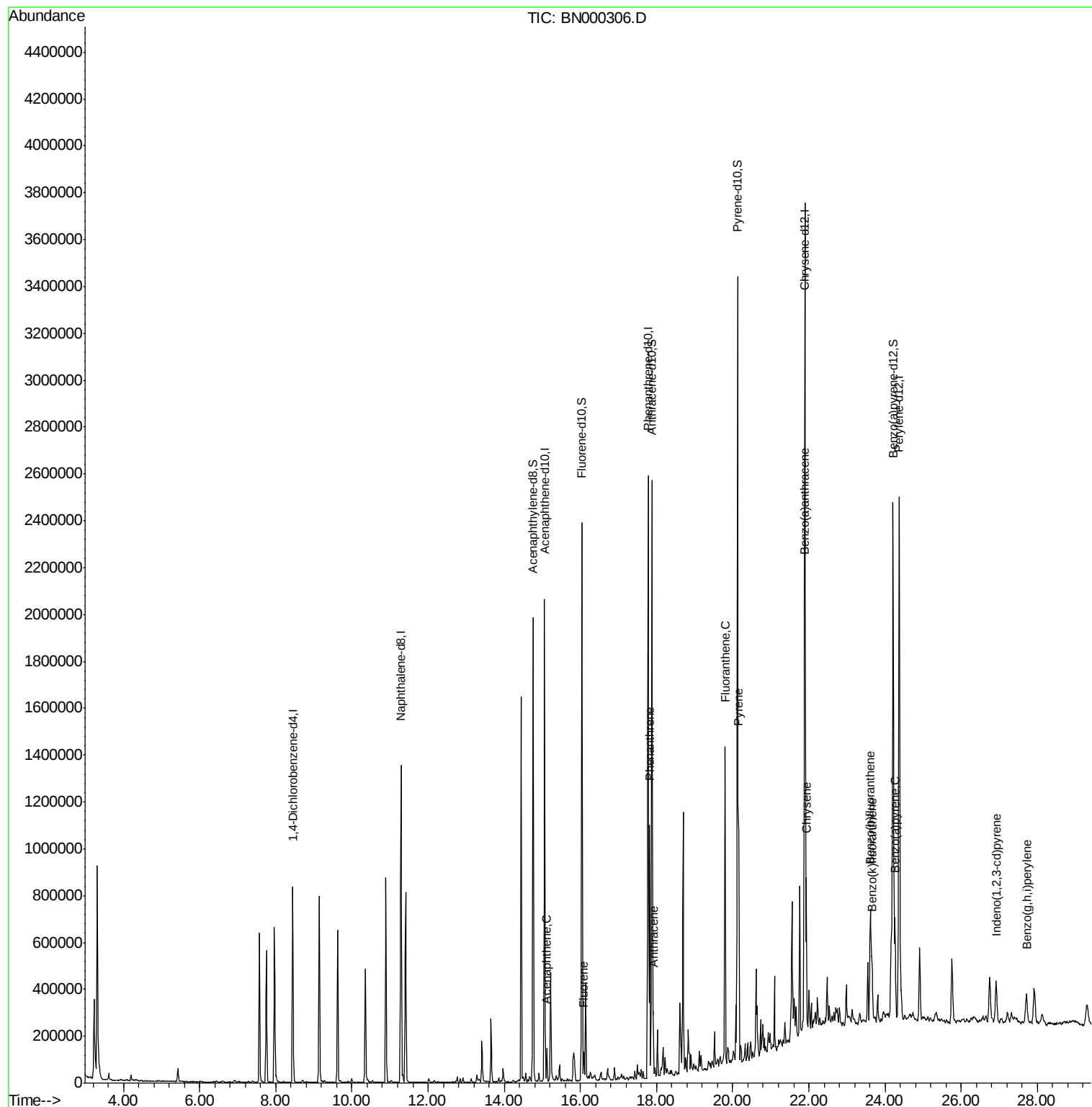
Data Path : Z:\HPCHEM1\BNA_N\DATA\BN031218\
Data File : BN000306.D
Acq On : 12 Mar 2018 12:36
Operator : JU/SJ
Sample : J1843-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

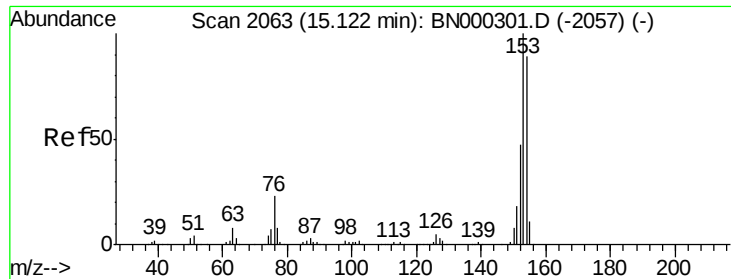
Instrument :
BNA_N
ClientSampled :
DAM63

Manual Integrations
APPROVED

Sohil
3/13/2018 5:32:30 PM

Quant Time: Mar 12 13:42:57 2018
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 09 23:47:40 2018
Response via : Initial Calibration





#9

Acenaphthene

Concen: 1.208 ng/ul

RT: 15.12 min Scan# 2063

Delta R.T. -0.00 min

Lab File: BN000306.D

Acq: 12 Mar 2018 12:36

Instrument :

BNA_N

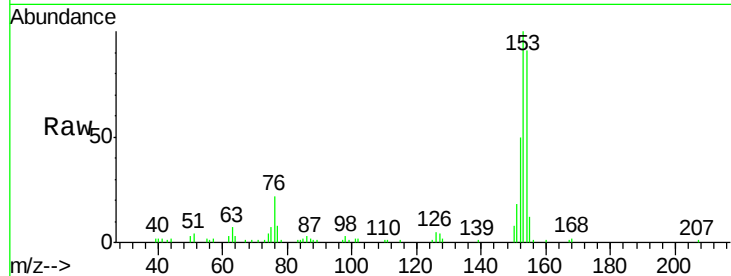
ClientSampled :

DAM63

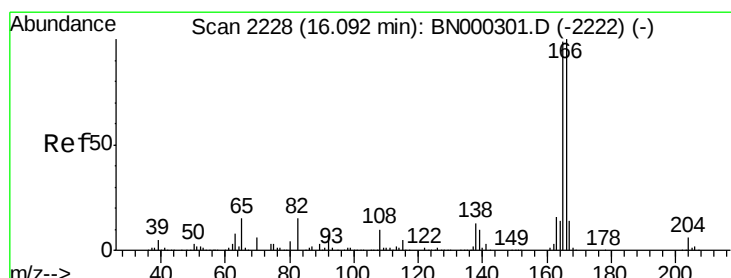
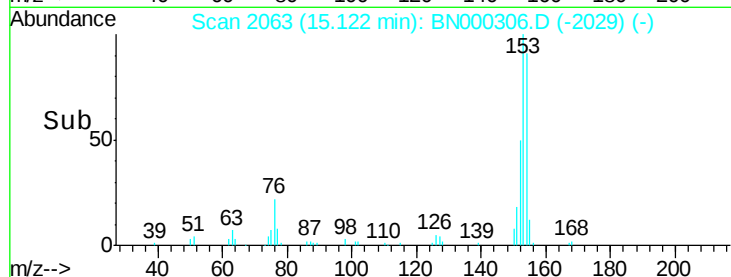
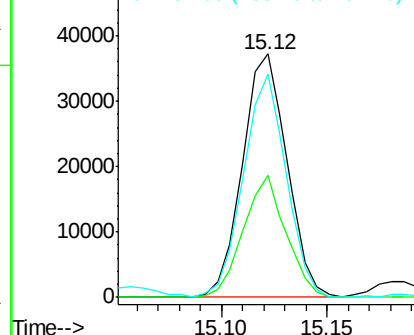
Tgt Ion:	153	Resp:	54480
Ion Ratio	Lower	Upper	
153	100		
152	49.9	39.0	58.6
154	91.4	66.8	100.2

Manual Integrations
APPROVED

Sohil
3/13/2018 5:32:30 PM



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: 1.005 ng/ul

RT: 16.09 min Scan# 2228

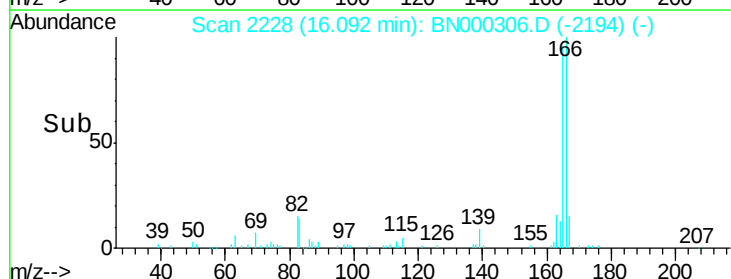
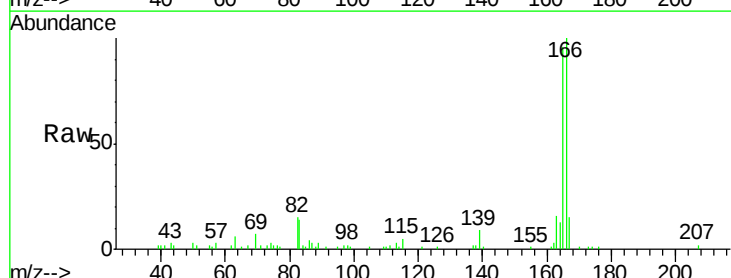
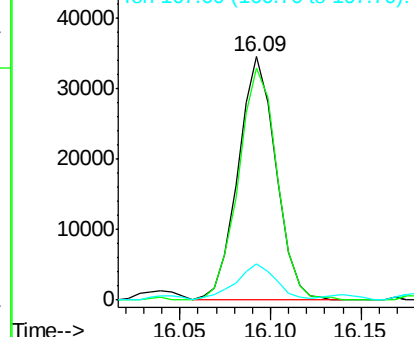
Delta R.T. -0.00 min

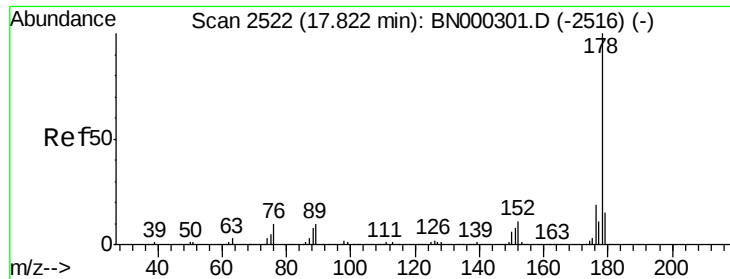
Lab File: BN000306.D

Acq: 12 Mar 2018 12:36

Tgt Ion:	166	Resp:	50009
Ion Ratio	Lower	Upper	
166	100		
165	95.5	83.8	125.8
167	15.1	11.5	17.3

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





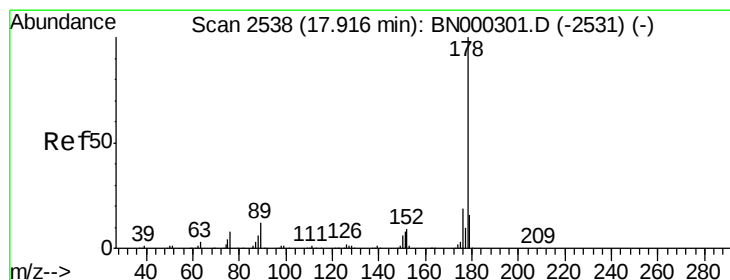
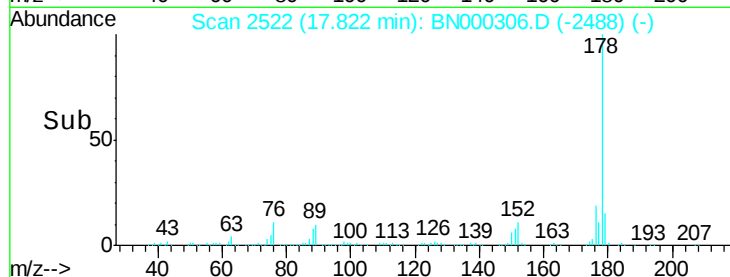
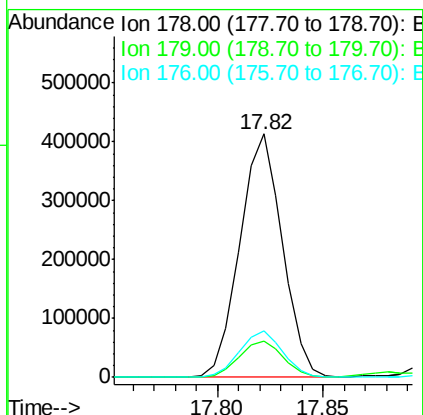
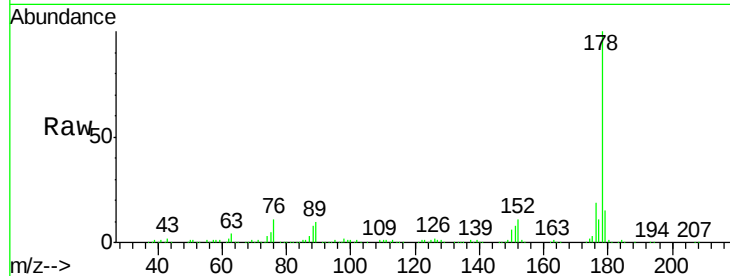
#13
Phenanthrene
Concen: 7.178 ng/ul
RT: 17.82 min Scan# 2522
Delta R.T. -0.00 min
Lab File: BN000306.D
Acq: 12 Mar 2018 12:36

Instrument :
BNA_N
ClientSampled :
DAM63

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.3	18.5
176	19.3	15.1	22.7

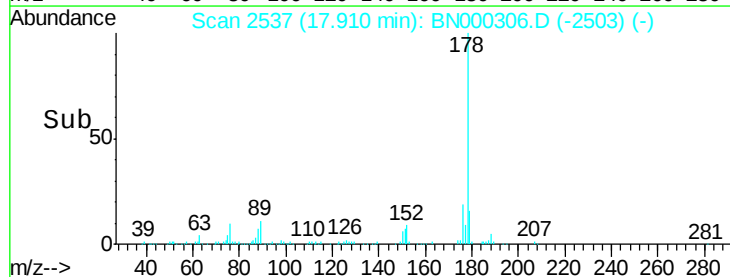
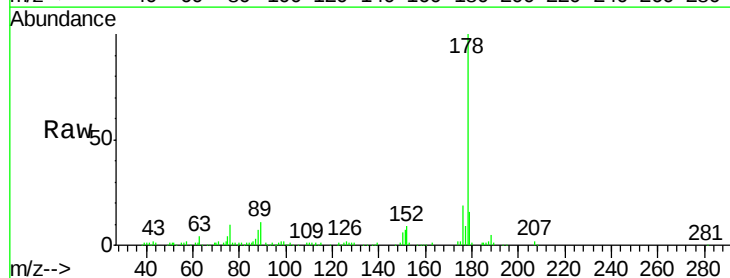
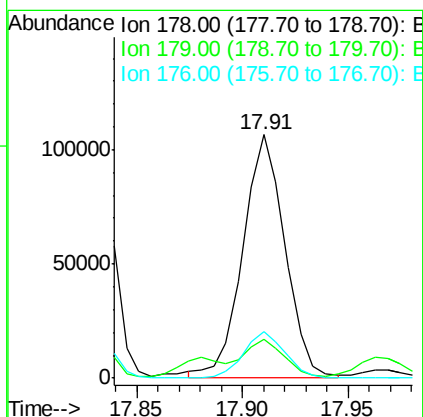
Manual Integrations
APPROVED

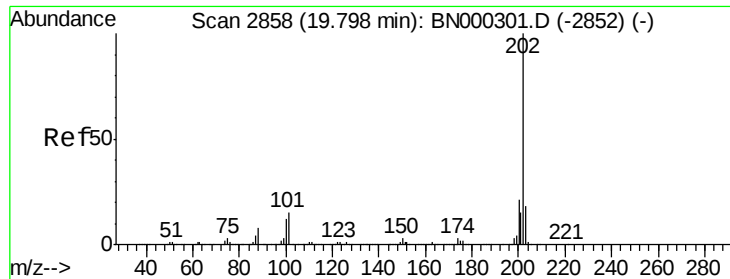
Sohil
3/13/2018 5:32:30 PM



#15
Anthracene
Concen: 1.810 ng/ul
RT: 17.91 min Scan# 2537
Delta R.T. -0.00 min
Lab File: BN000306.D
Acq: 12 Mar 2018 12:36

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.8	11.8	17.8
176	19.2	15.2	22.8





#16

Fluoranthene

Concen: 8.578 ng/ul

RT: 19.80 min Scan# 2858

Delta R.T. -0.00 min

Lab File: BN000306.D

Acq: 12 Mar 2018 12:36

Instrument :

BNA_N

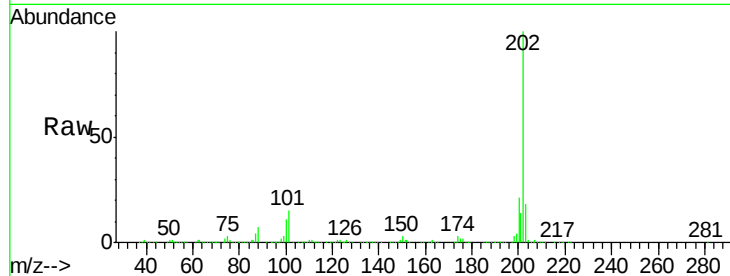
ClientSampled :

DAM63

Tgt	Ion	202	Resp:	741737
Ion	Ratio	Lower	Upper	
202	100			
101	14.6	9.9	14.9	
100	11.0	7.4	11.0	

Manual Integrations
APPROVED

Sohil
3/13/2018 5:32:30 PM



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

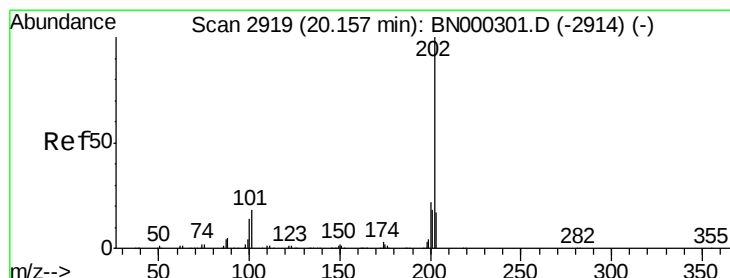
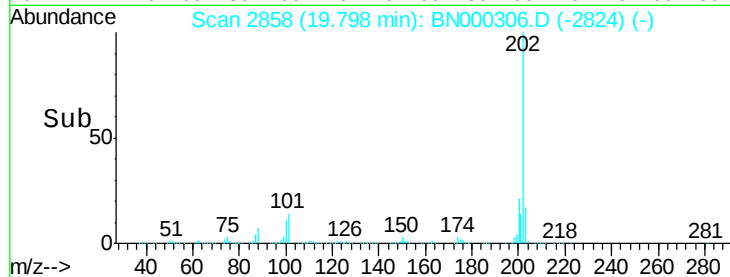
19.80

400000

200000

0

Time-->



#19

Pyrene

Concen: 7.125 ng/ul

RT: 20.16 min Scan# 2919

Delta R.T. -0.00 min

Lab File: BN000306.D

Acq: 12 Mar 2018 12:36

Tgt	Ion	202	Resp:	671449
Ion	Ratio	Lower	Upper	
202	100			
101	17.7	11.0	16.4#	
100	13.6	8.1	12.1#	

Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

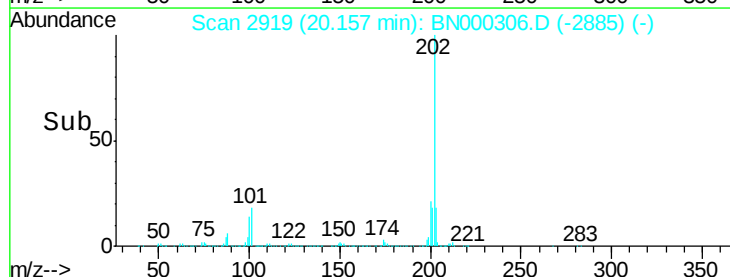
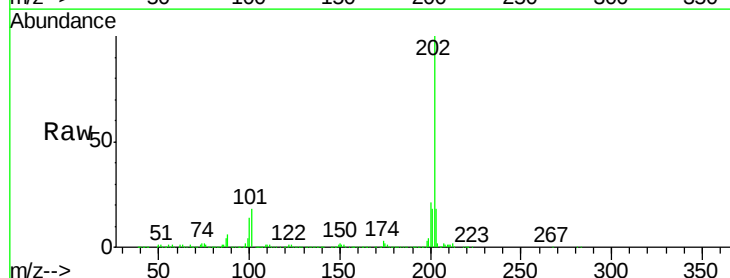
20.16

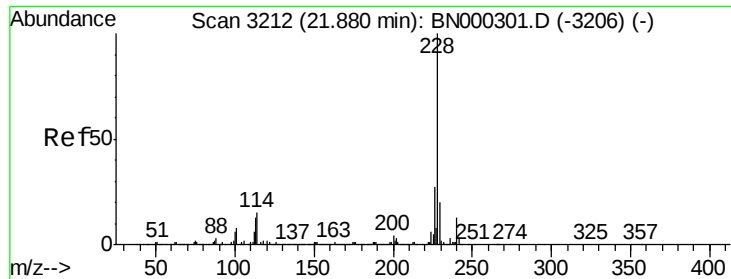
400000

200000

0

Time-->





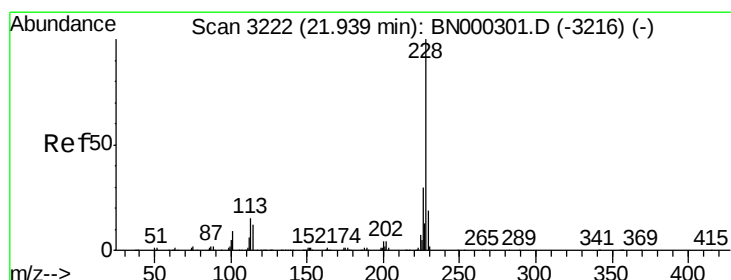
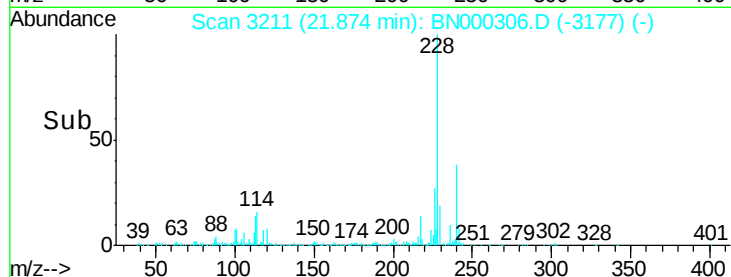
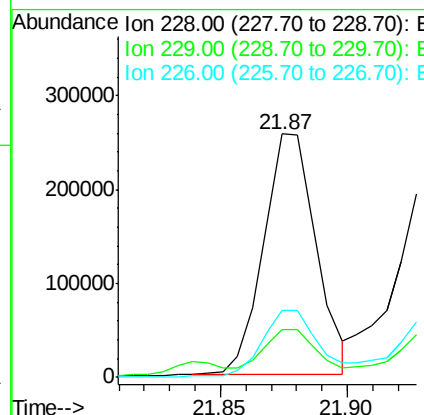
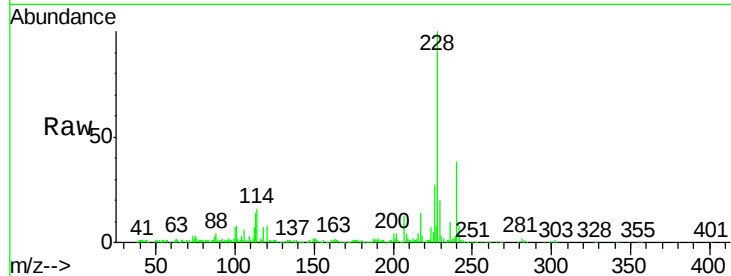
#20
Benzo(a)anthracene
Concen: 3.985 ng/ul
RT: 21.87 min Scan# 3211
Delta R.T. -0.00 min
Lab File: BN000306.D
Acq: 12 Mar 2018 12:36

Instrument :
BNA_N
ClientSampled :
DAM63

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	369819		
229	19.7	15.7	23.5	
226	27.4	21.1	31.7	

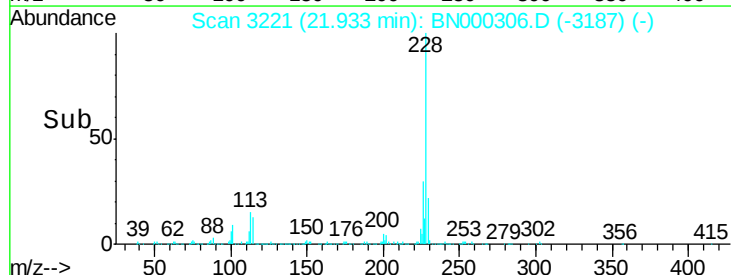
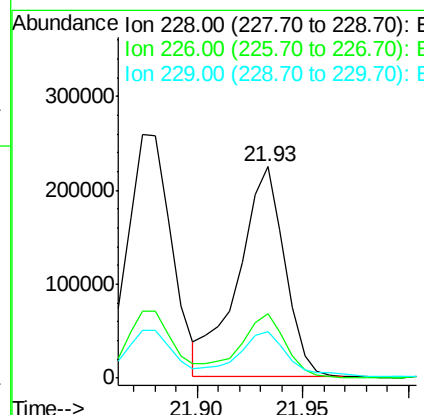
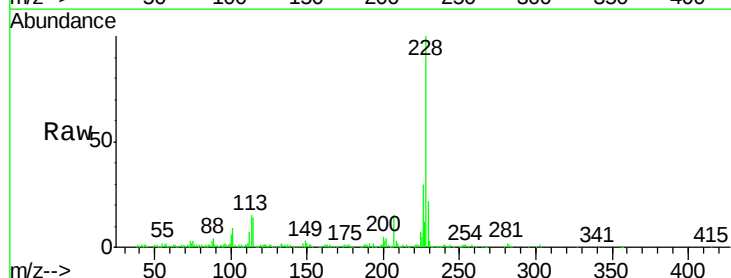
Manual Integrations
APPROVED

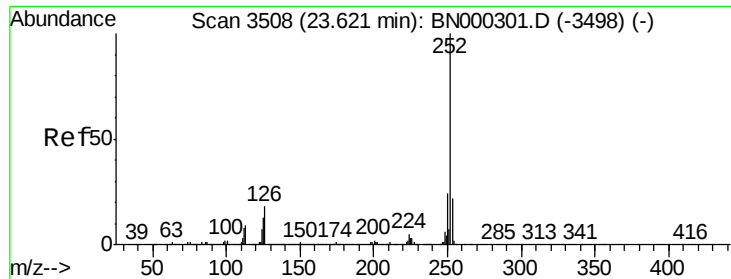
Sohil
3/13/2018 5:32:30 PM



#21
Chrysene
Concen: 3.833 ng/ul
RT: 21.93 min Scan# 3221
Delta R.T. -0.00 min
Lab File: BN000306.D
Acq: 12 Mar 2018 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	337529		
226	30.3	24.5	36.7	
229	22.2	15.8	23.8	





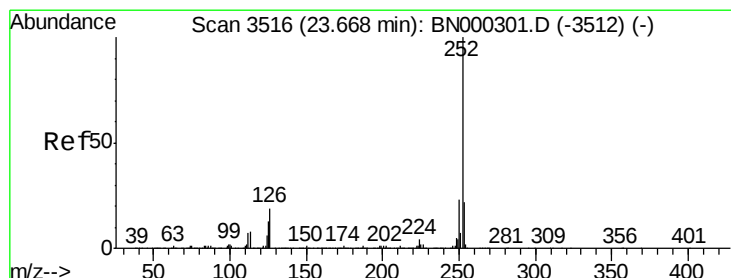
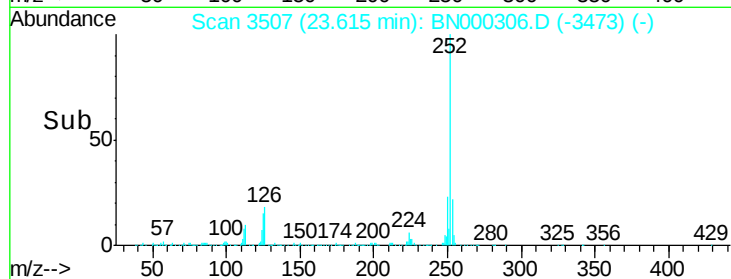
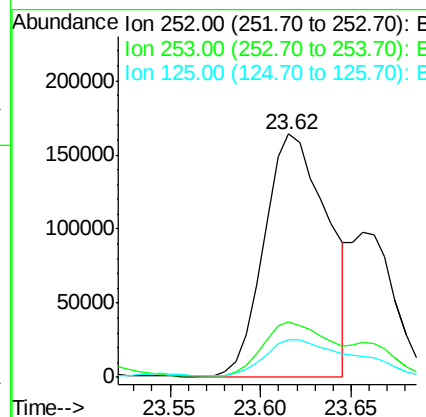
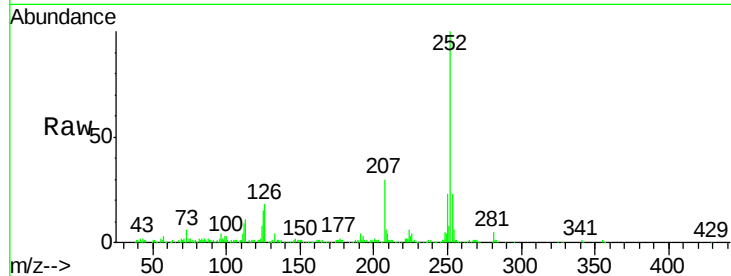
#23
Benzo(b)fluoranthene
Concen: 4.353 ng/ul
RT: 23.62 min Scan# 3507
Delta R.T. -0.00 min
Lab File: BN000306.D
Acq: 12 Mar 2018 12:36

Instrument :
BNA_N
ClientSampleId :
DAM63

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	22.8	18.0	27.0
125	15.3	8.0	12.0

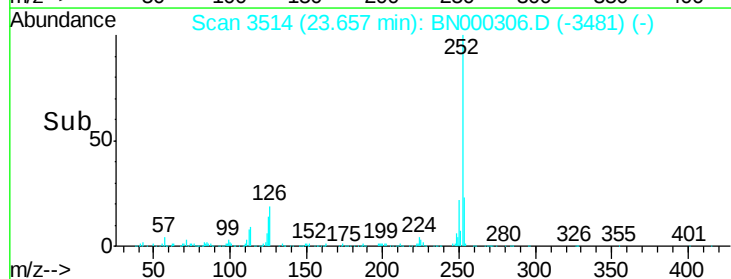
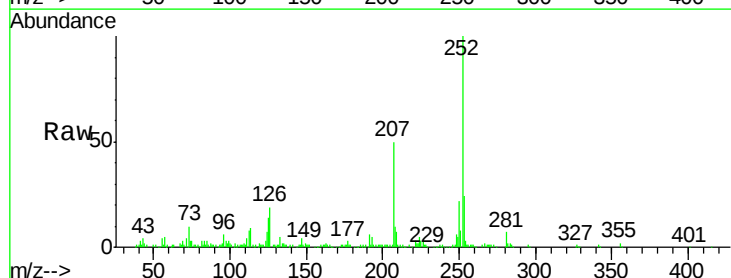
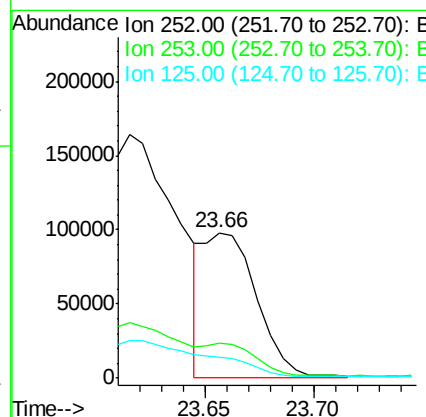
Manual Integrations
APPROVED

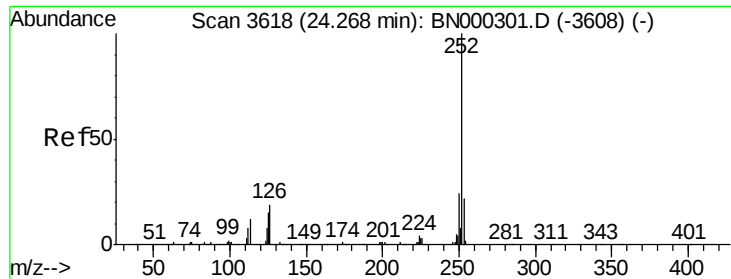
Sohil
3/13/2018 5:32:30 PM



#24
Benzo(k)fluoranthene
Concen: 1.962 ng/ul m
RT: 23.66 min Scan# 3514
Delta R.T. -0.01 min
Lab File: BN000306.D
Acq: 12 Mar 2018 12:36

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	24.1	18.0	27.0
125	14.4	8.1	12.1





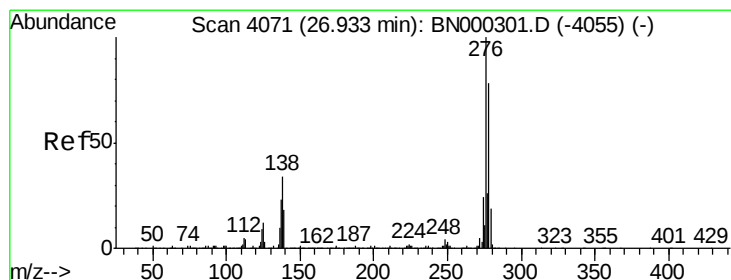
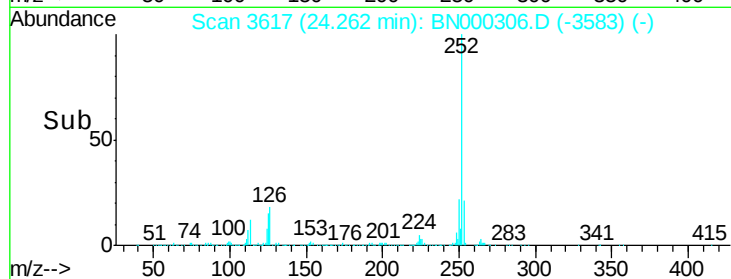
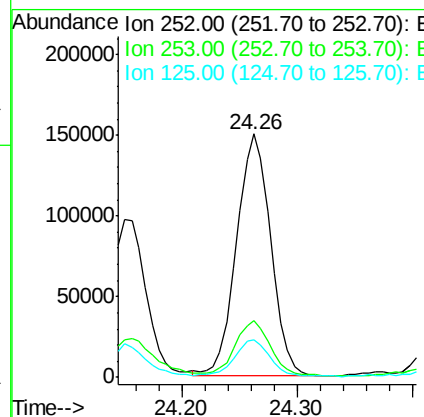
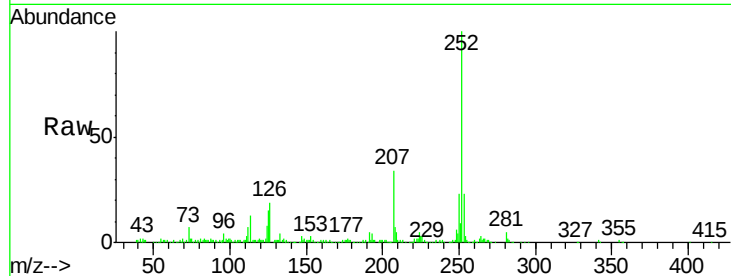
#26
Benzo(a)pyrene
Concen: 3.559 ng/ul
RT: 24.26 min Scan# 3617
Delta R.T. -0.00 min
Lab File: BN000306.D
Acq: 12 Mar 2018 12:36

Instrument :
BNA_N
ClientSampled :
DAM63

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	23.1	17.2	25.8
125	15.4	8.2	12.4

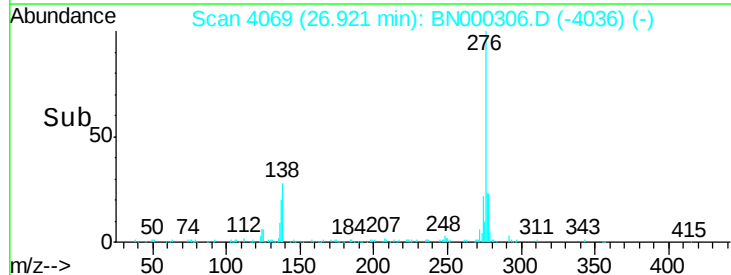
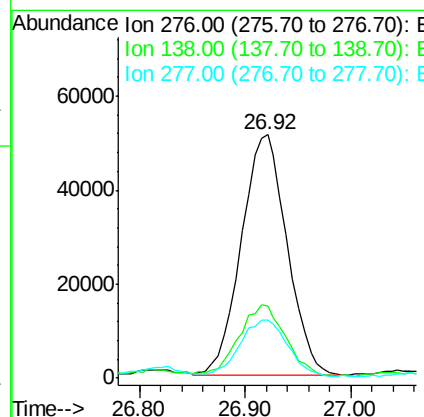
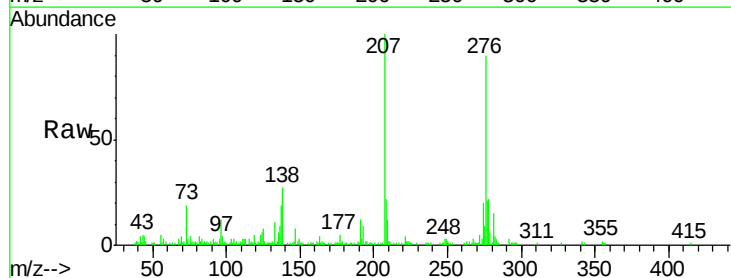
Manual Integrations
APPROVED

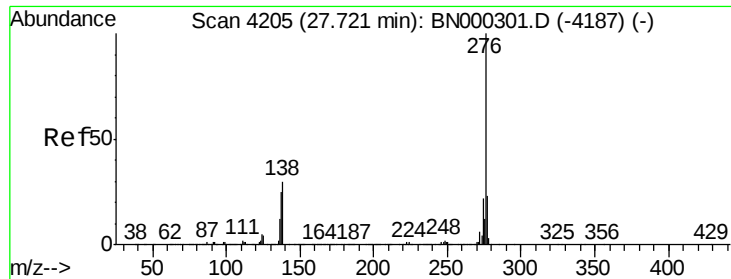
Sohil
3/13/2018 5:32:30 PM



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.641 ng/ul
RT: 26.92 min Scan# 4069
Delta R.T. -0.01 min
Lab File: BN000306.D
Acq: 12 Mar 2018 12:36

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	29.5	14.4	21.6
277	23.6	18.0	27.0





#29

Benzo(g,h,i)perylene

Concen: 1.828 ng/ul

RT: 27.71 min Scan# 4203

Delta R.T. -0.01 min

Lab File: BN000306.D

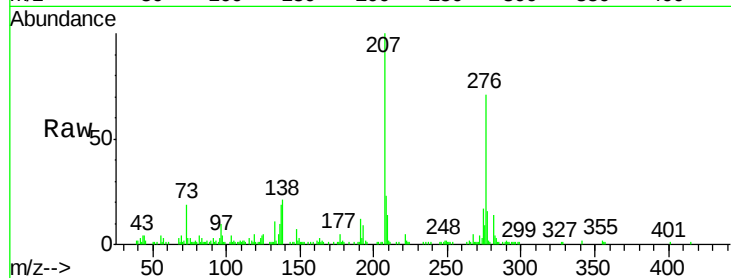
Acq: 12 Mar 2018 12:36

Instrument :

BNA_N

ClientSampleId :

DAM63



Tgt Ion:	276	Resp:	142768
Ion Ratio	Lower	Upper	
276	100		
138	29.8	15.3	22.9#
277	22.5	19.0	28.4

Manual Integrations
APPROVED

Sohil
3/13/2018 5:32:30 PM

