

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000919.D
 Acq On : 26 Apr 2018 07:23
 Operator : JU/SJ
 Sample : J2443-14
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DARR3

Manual Integrations
 APPROVED

Sohil
 4/26/2018 6:23:51 PM

Quant Time: Apr 26 09:02:04 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	145659	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	594890	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	294538	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	603568	20.00	ng/ul	0.00
17) Chrysene-d12	21.22	240	551972	20.00	ng/ul	0.00
22) Perylene-d12	23.42	264	594439	20.00	ng/ul	0.02
System Monitoring Compounds						
7) Acenaphthylene-d8	13.95	160	847536	29.96	ng/ul	0.00
10) Fluorene-d10	15.26	176	545341	28.88	ng/ul	0.00
14) Anthracene-d10	17.10	188	810212	29.35	ng/ul	0.00
18) Pyrene-d10	19.41	212	835153	29.53	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.27	264	795695	28.34	ng/ul	0.02
Target Compounds				Ovalue		
13) Phenanthrene	17.05	178	52556	1.597	ng/ul	100
16) Fluoranthene	19.07	202	193482	5.793	ng/ul	96
19) Pyrene	19.44	202	162941	4.596	ng/ul#	92
20) Benzo(a)anthracene	21.20	228	170476m	5.167	ng/ul	
21) Chrysene	21.25	228	152520m	4.918	ng/ul	
23) Benzo(b)fluoranthene	22.76	252	295078m	8.735	ng/ul	
24) Benzo(k)fluoranthene	22.80	252	71759m	2.171	ng/ul	
26) Benzo(a)pyrene	23.32	252	173949	5.388	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.60	276	134830	3.458	ng/ul#	85
28) Dibenzo(a,h)anthracene	25.61	278	39701	1.222	ng/ul#	67
29) Benzo(g,h,i)perylene	26.27	276	124785	3.826	ng/ul#	91

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

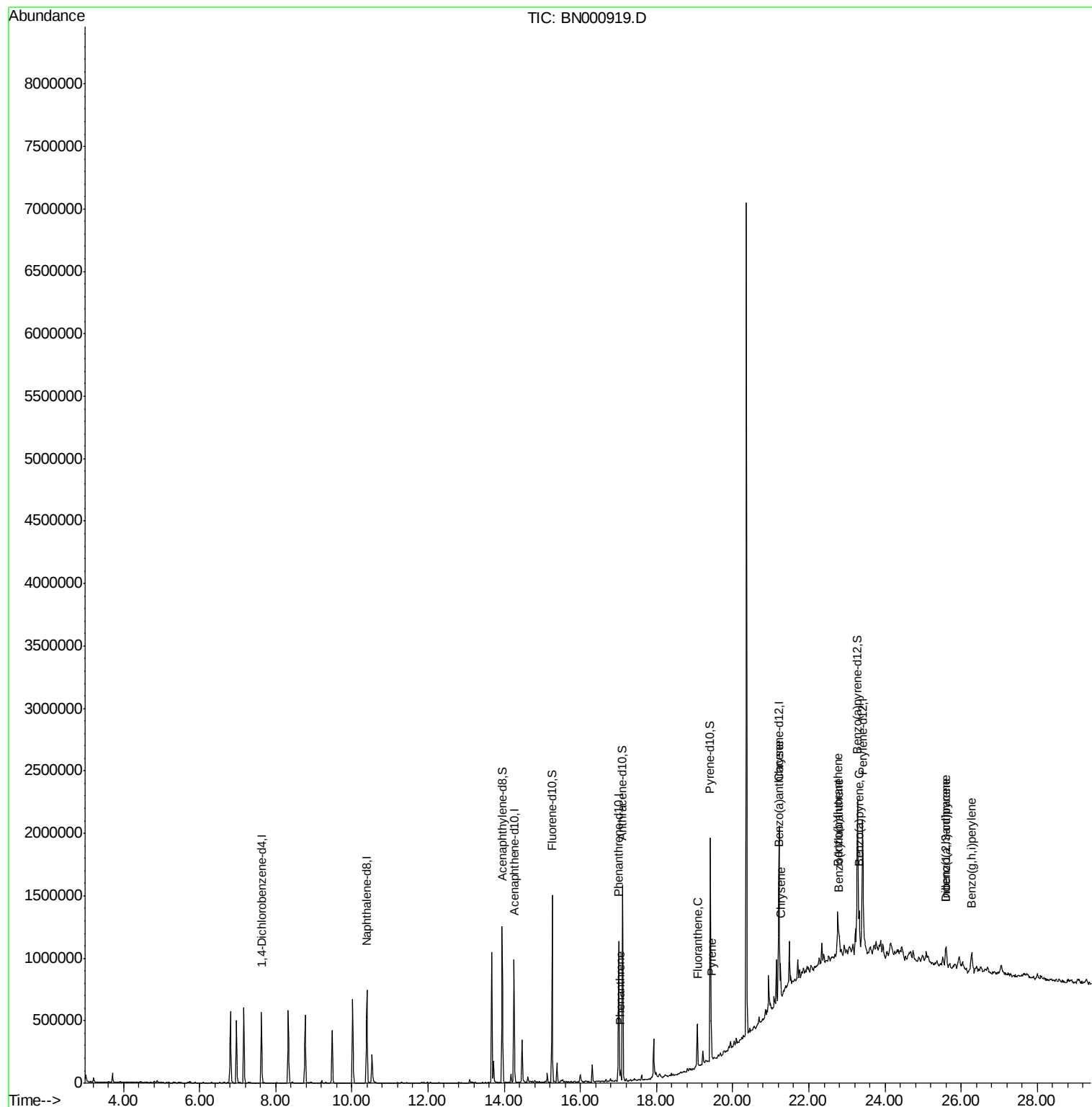
Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
Data File : BN000919.D
Acq On : 26 Apr 2018 07:23
Operator : JU/SJ
Sample : J2443-14
Misc :
ALS Vial : 28 Sample Multiplier: 1

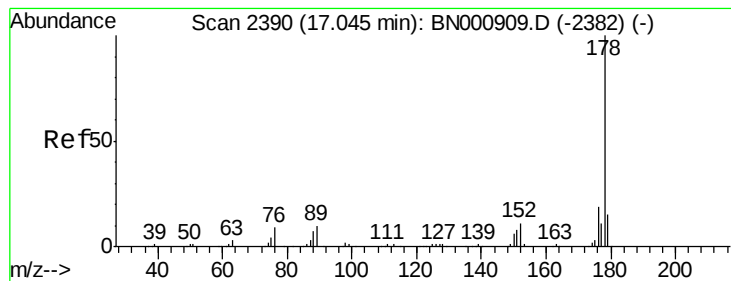
Instrument :
BNA_N
ClientSampleId :
DARR3

Manual Integrations
APPROVED

Sohil
4/26/2018 6:23:51 PM

Quant Time: Apr 26 09:02:04 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





#13

Phenanthrene

Concen: 1.597 ng/ul

RT: 17.05 min Scan# 2390

Delta R.T. 0.00 min

Lab File: BN000919.D

Acq: 26 Apr 2018 07:23

Instrument :

BNA_N

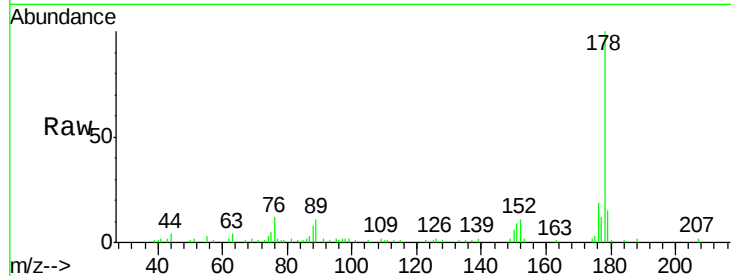
ClientSampled :

DARR3

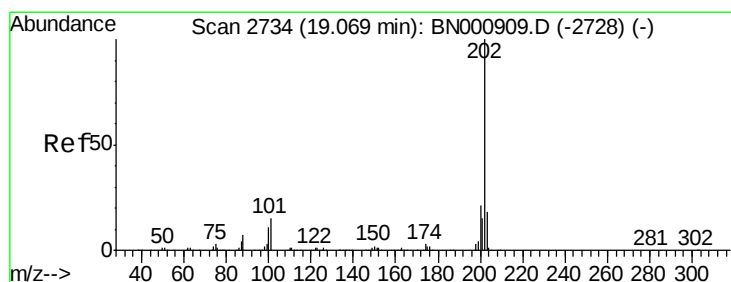
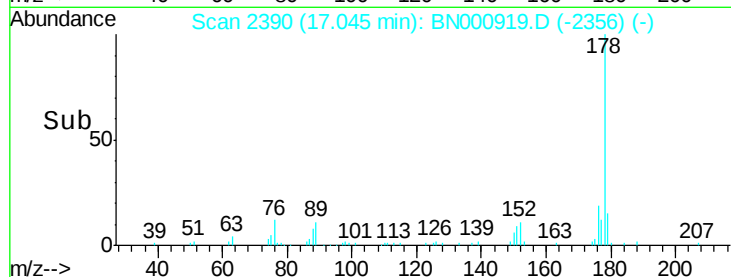
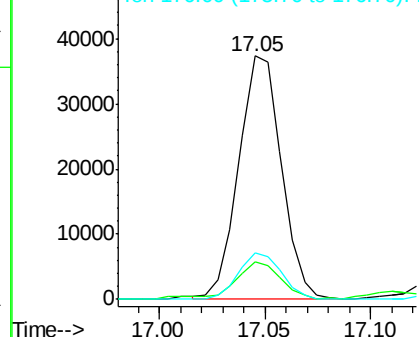
Tot Ion:	178	Resp:	52556
Ion Ratio	Lower	Upper	
178	100		
179	15.2	12.3	18.5
176	18.9	15.1	22.7

Manual Integrations
APPROVED

Sohil
4/26/2018 6:23:51 PM



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



#16

Fluoranthene

Concen: 5.793 ng/ul

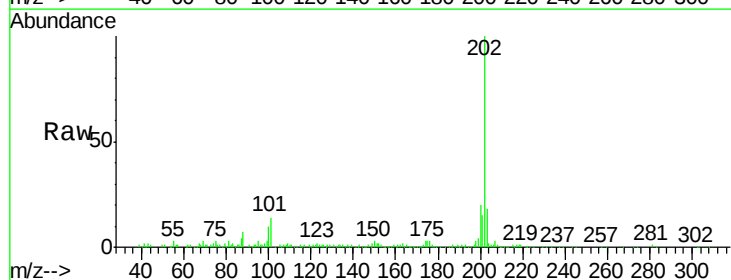
RT: 19.07 min Scan# 2735

Delta R.T. 0.01 min

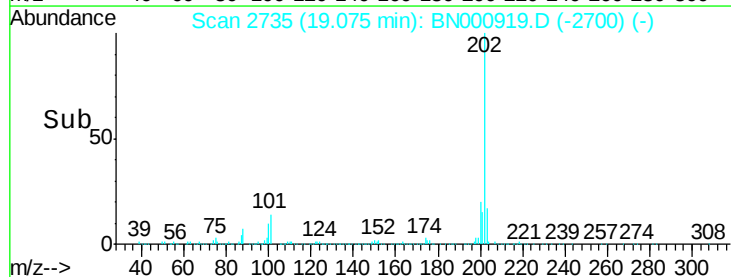
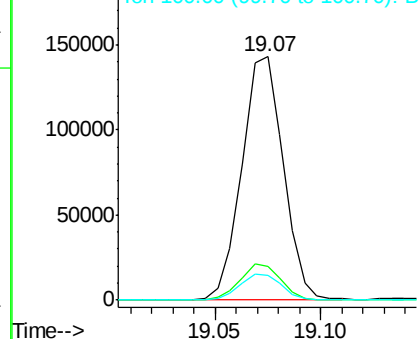
Lab File: BN000919.D

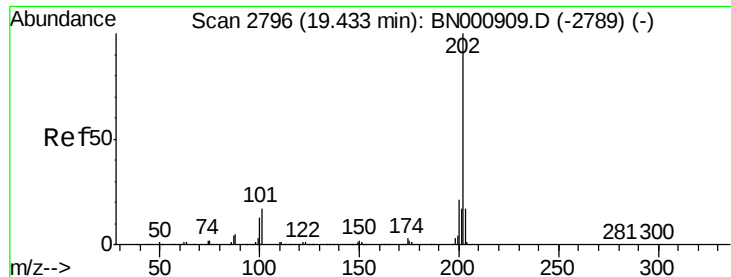
Acq: 26 Apr 2018 07:23

Tgt Ion:	202	Resp:	193482
Ion Ratio	Lower	Upper	
202	100		
101	14.0	9.9	14.9
100	10.2	7.4	11.0



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





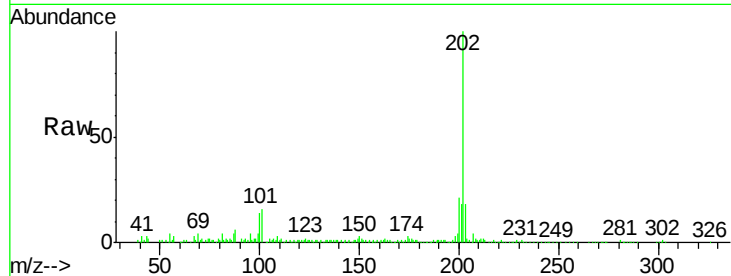
#19
Pvrene
Concen: 4.596 ng/ul
RT: 19.44 min Scan# 2797
Delta R.T. 0.01 min
Lab File: BN000919.D
Acq: 26 Apr 2018 07:23

Instrument :
BNA_N
ClientSampleId :
DARR3

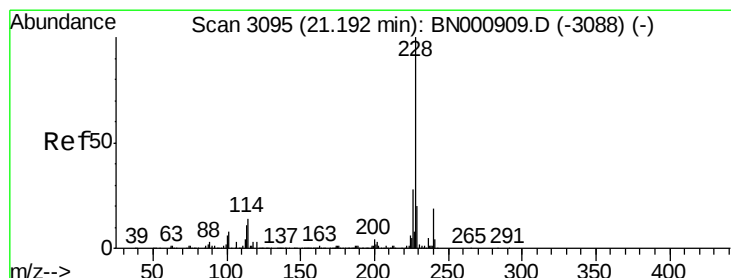
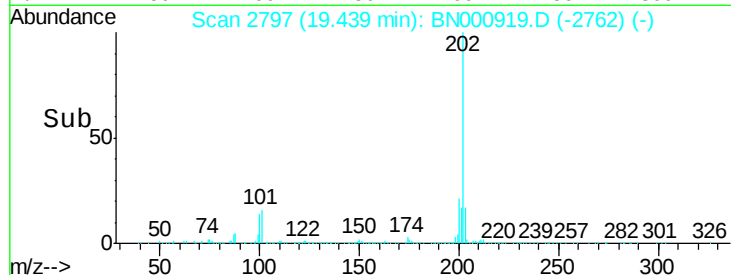
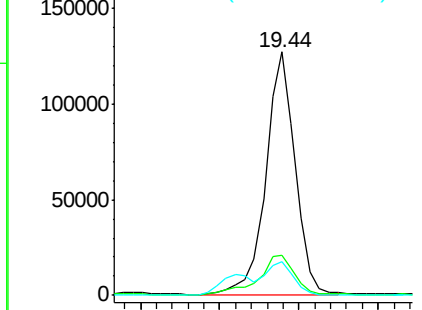
Tot Ion	Ratio	Lower	Upper
202	100		
101	16.4	11.0	16.4
100	13.7	8.1	12.1

Manual Integrations
APPROVED

Sohil
4/26/2018 6:23:51 PM



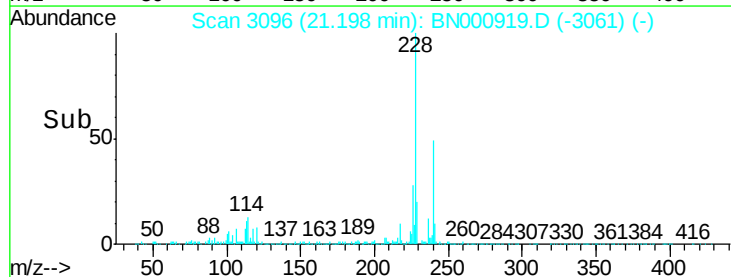
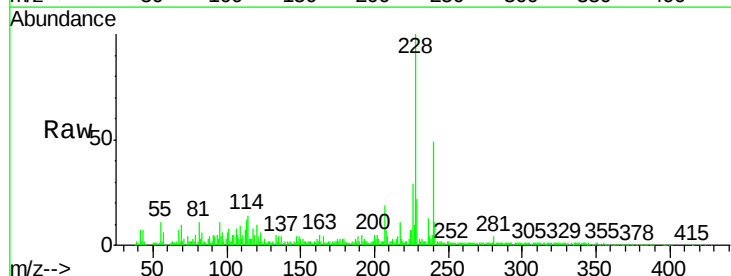
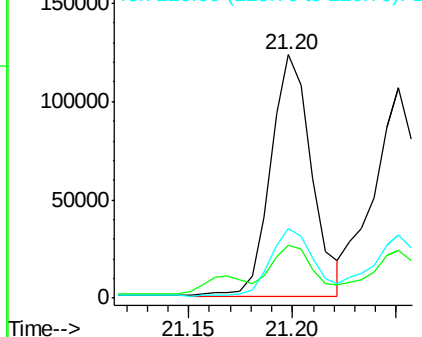
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

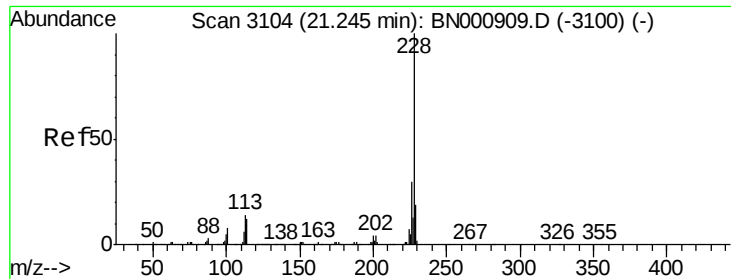


#20
Benzo(a)anthracene
Concen: 5.167 ng/ul m
RT: 21.20 min Scan# 3096
Delta R.T. 0.01 min
Lab File: BN000919.D
Acq: 26 Apr 2018 07:23

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.7	15.7	23.5
226	28.6	21.1	31.7

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E





#21

Chrysene

Concen: 4.918 ng/ul m

RT: 21.25 min Scan# 3105

Delta R.T. 0.01 min

Lab File: BN000919.D

Acq: 26 Apr 2018 07:23

Instrument :

BNA_N

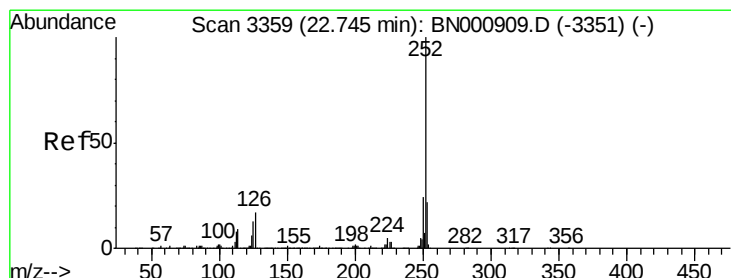
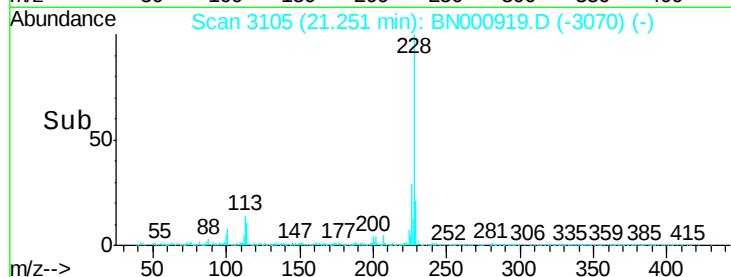
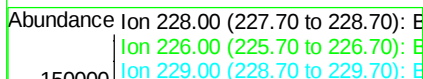
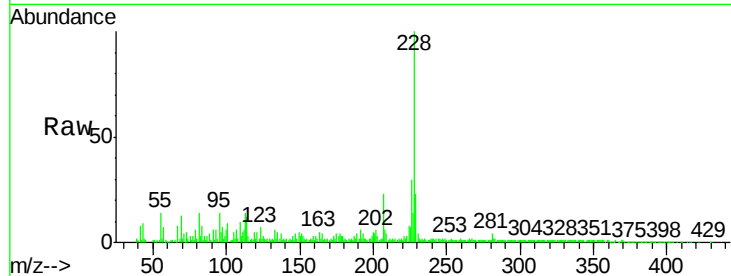
ClientSampled :

DARR3

Tot Ion:	228	Resp:	152520
Ion Ratio		Lower	Upper
228	100		
226	29.6	24.5	36.7
229	22.9	15.8	23.8

Manual Integrations
APPROVED

Sohil
4/26/2018 6:23:51 PM



#23

Benzo(b)fluoranthene

Concen: 8.735 ng/ul m

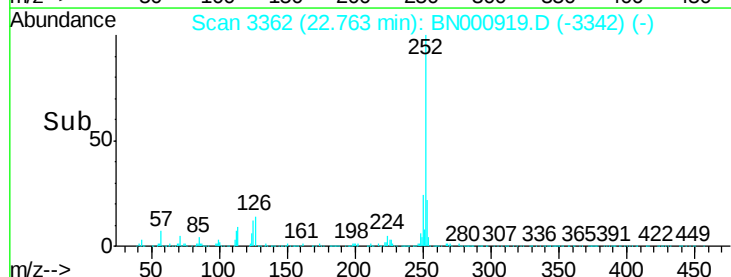
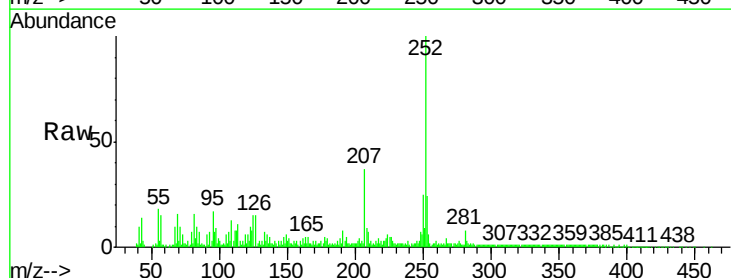
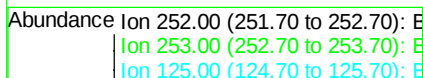
RT: 22.76 min Scan# 3362

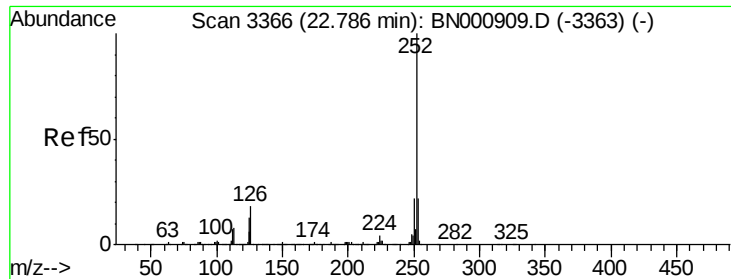
Delta R.T. 0.02 min

Lab File: BN000919.D

Acq: 26 Apr 2018 07:23

Tgt Ion:	252	Resp:	295078
Ion Ratio		Lower	Upper
252	100		
253	23.9	18.0	27.0
125	14.7	8.0	12.0#





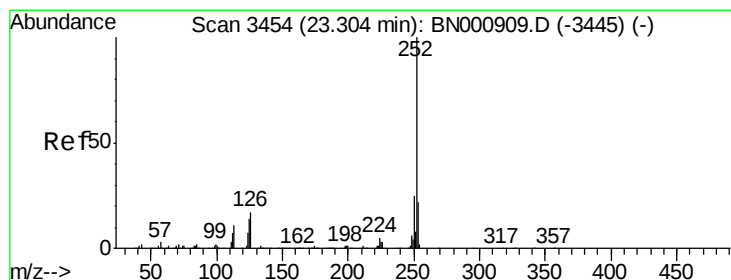
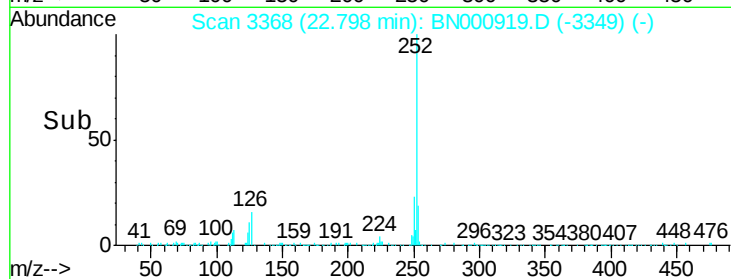
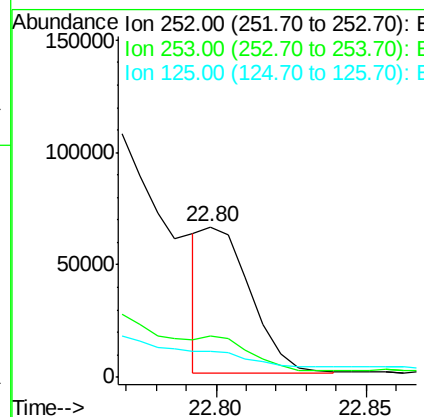
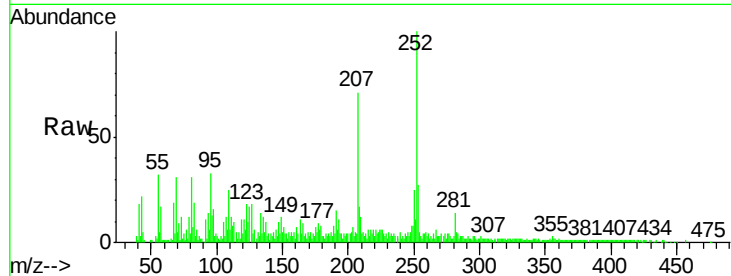
#24
Benzo(k)fluoranthene
Concen: 2.171 ng/ul m
RT: 22.80 min Scan# 3368
Delta R.T. 0.01 min
Lab File: BN000919.D
Acq: 26 Apr 2018 07:23

Instrument :
BNA_N
ClientSampled :
DARR3

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.1	18.0	27.0#
125	17.5	8.1	12.1#

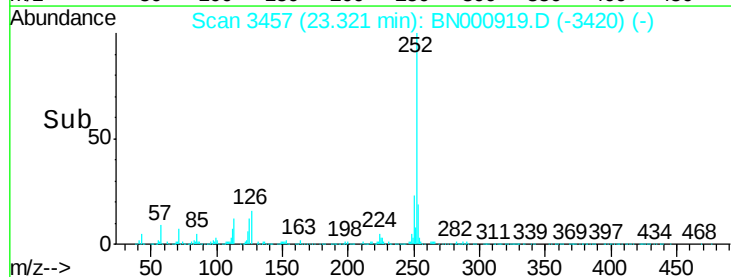
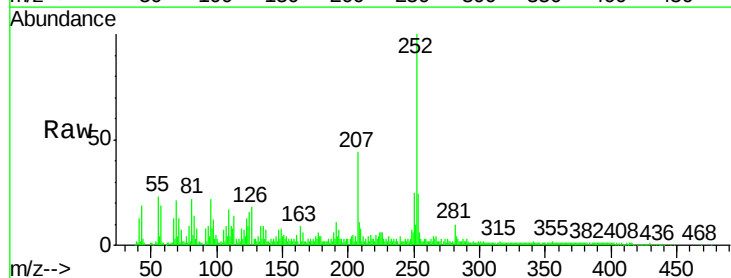
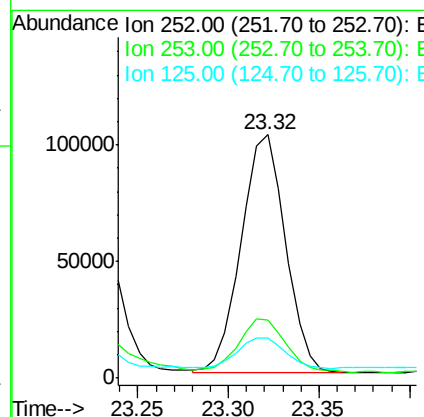
Manual Integrations
APPROVED

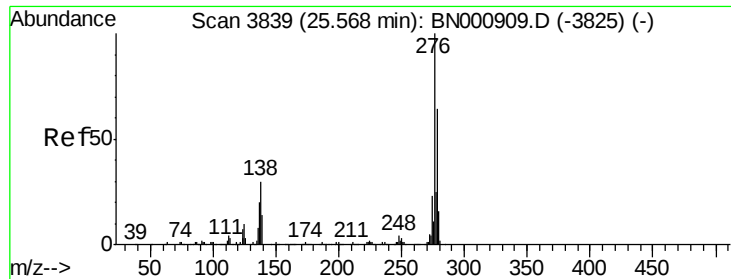
Sohil
4/26/2018 6:23:51 PM



#26
Benzo(a)pyrene
Concen: 5.388 ng/ul
RT: 23.32 min Scan# 3457
Delta R.T. 0.02 min
Lab File: BN000919.D
Acq: 26 Apr 2018 07:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.2	25.8
125	16.3	8.2	12.4#





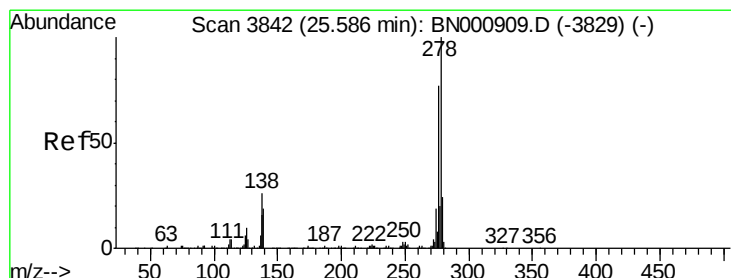
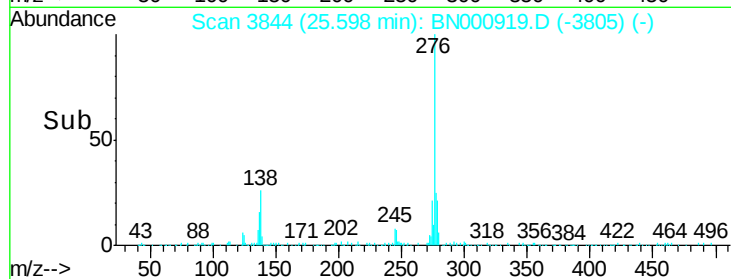
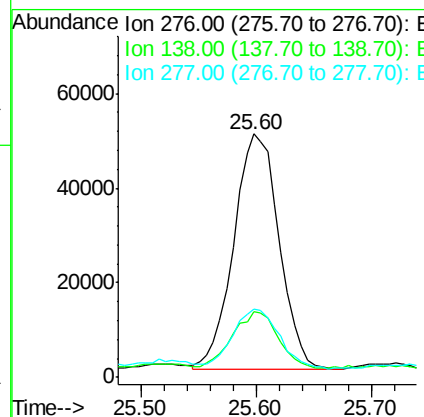
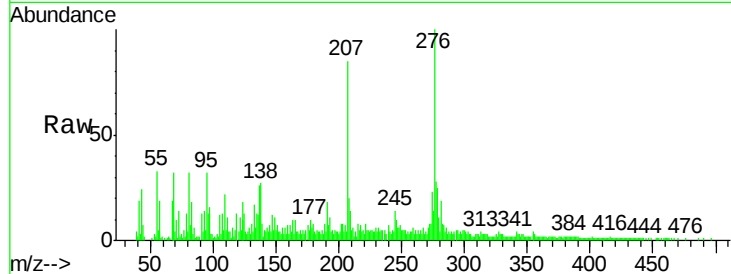
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 3.458 ng/ul
 RT: 25.60 min Scan# 3844
 Delta R.T. 0.03 min
 Lab File: BN000919.D
 Acq: 26 Apr 2018 07:23

Instrument :
 BNA_N
 ClientSampleId :
 DARR3

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.9	14.4	21.6#
277	28.2	18.0	27.0#

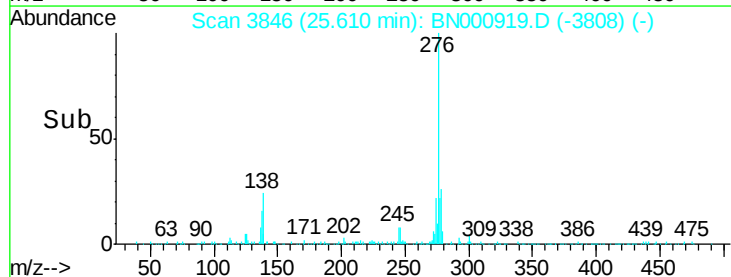
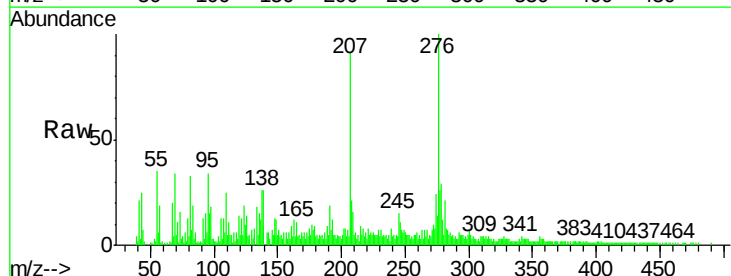
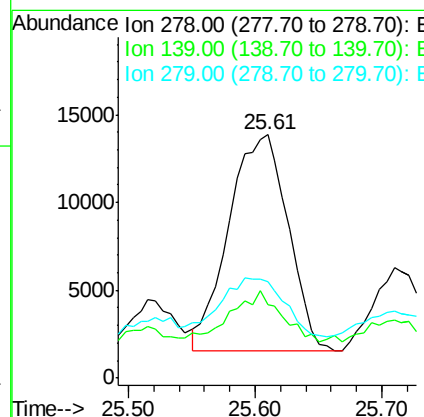
Manual Integrations
 APPROVED

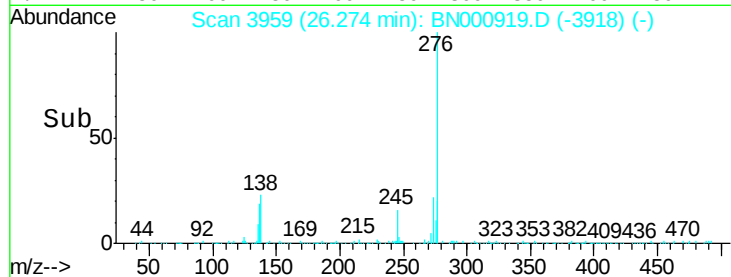
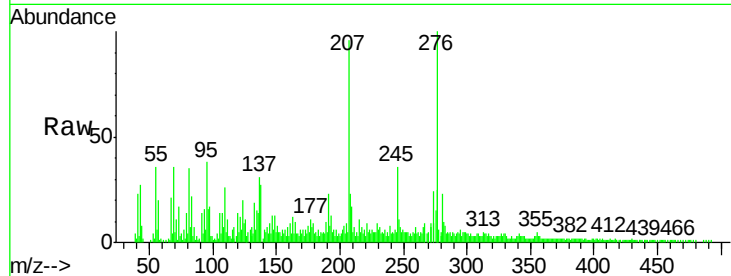
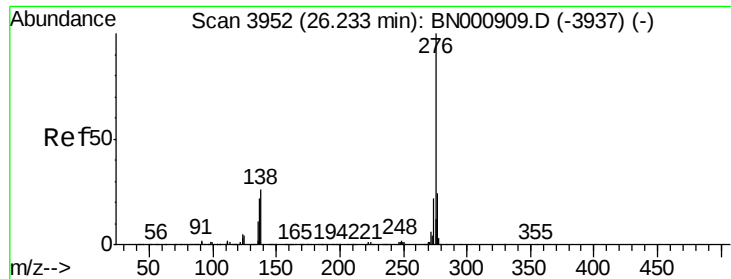
Sohil
 4/26/2018 6:23:51 PM



#28
 Dibenzo(a,h)anthracene
 Concen: 1.222 ng/ul
 RT: 25.61 min Scan# 3846
 Delta R.T. 0.02 min
 Lab File: BN000919.D
 Acq: 26 Apr 2018 07:23

Tgt Ion	Ratio	Lower	Upper
278	100		
139	30.3	12.2	18.4#
279	39.6	19.2	28.8#





#29

Benzo(a,h,i)perylene

Concen: 3.826 ng/ul

RT: 26.27 min Scan# 3959

Delta R.T. 0.04 min

Lab File: BN000919.D

Acq: 26 Apr 2018 07:23

Instrument :

BNA_N

ClientSampleId :

DARR3

Tot Ion: 276 Resp: 124785

Ion Ratio Lower Upper

276 100

138 26.5 15.3 22.9#

277 25.4 19.0 28.4

Manual Integrations
APPROVED

Sohil
4/26/2018 6:23:51 PM

