

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN073020\
 Data File : BN011316.D
 Acq On : 31 Jul 2020 01:52
 Operator : CG/JU
 Sample : L3388-19
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AE6

Manual Integrations
 APPROVED

Sohil
 7/31/2020 12:14:30 PM

Quant Time: Jul 31 04:08:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 31 02:58:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	890	0.40	ng/ul	0.00
2) Naphthalene-d8	10.21	136	3649	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.10	164	2655	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.85	188	6445m	0.40	ng/ul	0.00
16) Chrysene-d12	21.07	240	6479	0.40	ng/ul	0.00
20) Perylene-d12	23.19	264	7573	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.81	152	2940	0.32	ng/ul	0.00
14) Fluoranthene-d10	18.89	212	7833	0.25	ng/ul	0.00
Target Compounds				Ovalue		
12) Phenanthrene	16.89	178	1143	0.054	ng/ul#	83
15) Fluoranthene	18.92	202	2571	0.098	ng/ul	90
17) Pyrene	19.29	202	2068m	0.070	ng/ul	
18) Benzo(a)anthracene	21.05	228	1321	0.053	ng/ul#	89
19) Chrysene	21.10	228	1564	0.055	ng/ul#	89
21) Benzo(b)fluoranthene	22.57	252	1914m	0.061	ng/ul	
22) Benzo(k)fluoranthene	22.60	252	720m	0.020	ng/ul	
23) Benzo(a)pyrene	23.09	252	1290	0.047	ng/ul#	41
24) Indeno(1,2,3-cd)pyrene	25.26	276	850	0.029	ng/ul#	54
26) Benzo(g,h,i)perylene	25.89	276	840	0.032	ng/ul#	60

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

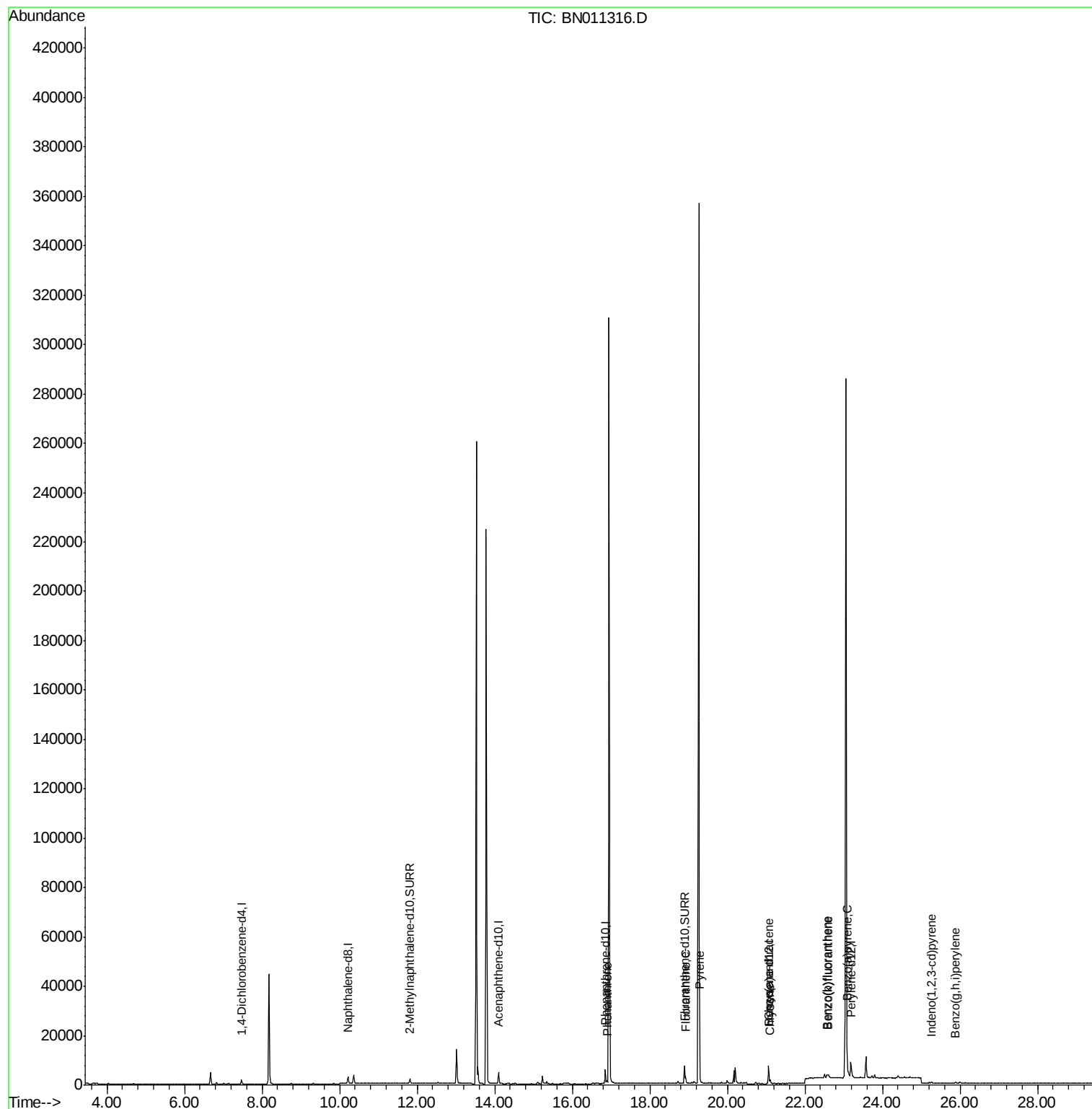
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN073020\
Data File : BN011316.D
Acq On : 31 Jul 2020 01:52
Operator : CG/JU
Sample : L3388-19
Misc :
ALS Vial : 23 Sample Multiplier: 1

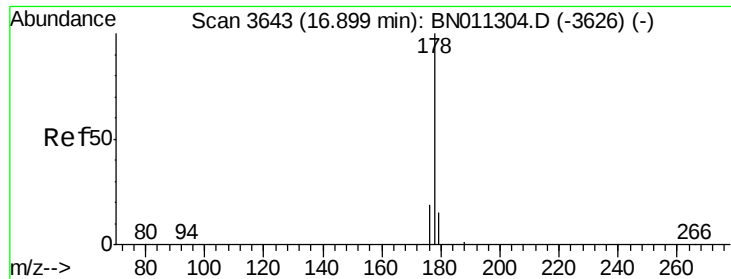
Instrument :
BNA_N
ClientSampleId :
C0AE6

Manual Integrations
APPROVED

Sohil
7/31/2020 12:14:30 PM

Quant Time: Jul 31 04:08:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 31 02:58:38 2020
Response via : Initial Calibration





#12

Phenanthrene

Concen: 0.054 ng/ul

RT: 16.89 min Scan# 3642

Delta R.T. -0.00 min

Lab File: BN011316.D

Acq: 31 Jul 2020 01:52

Instrument :

BNA_N

ClientSampled :

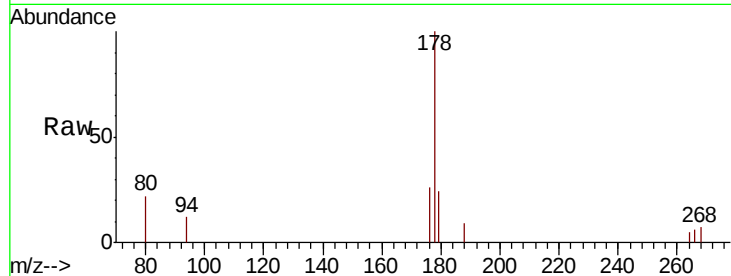
C0AE6

Tot Ion:178 Resp: 1143

Ion	Ratio	Lower	Upper
178	100		
179	24.2	12.6	18.8#
176	26.3	15.7	23.5#

Manual Integrations
APPROVED

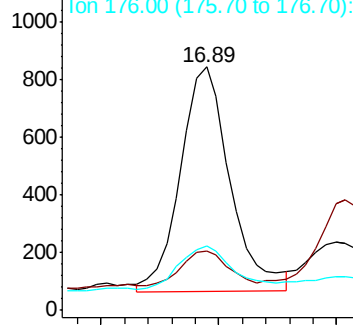
Sohil
7/31/2020 12:14:30 PM



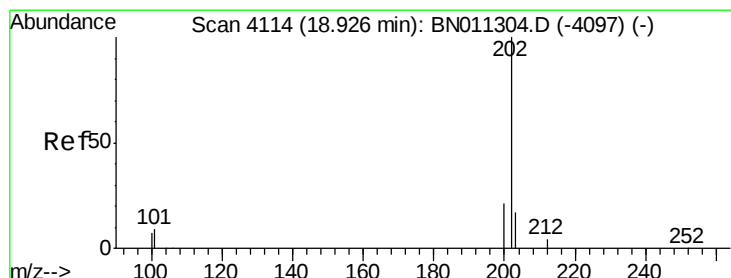
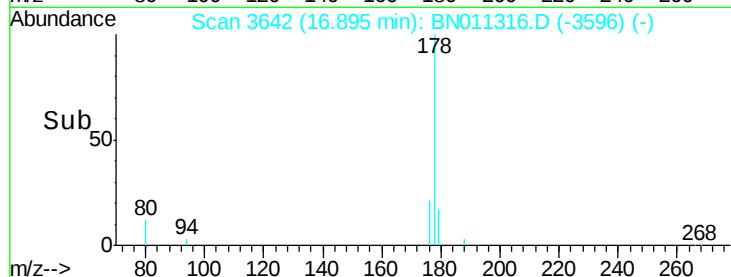
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->



#15

Fluoranthene

Concen: 0.098 ng/ul

RT: 18.92 min Scan# 4113

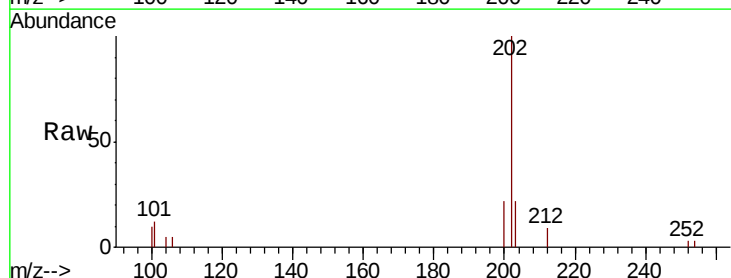
Delta R.T. -0.01 min

Lab File: BN011316.D

Acq: 31 Jul 2020 01:52

Tgt Ion:202 Resp: 2571

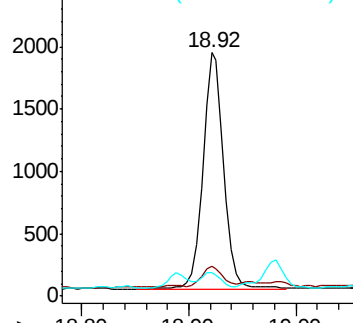
Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	28.2
100	9.7	0.0	26.8



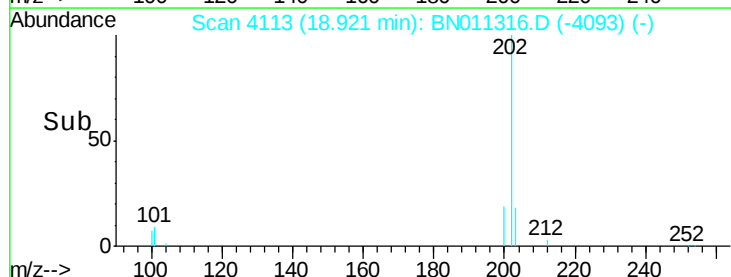
Abundance Ion 202.00 (201.70 to 202.70): E

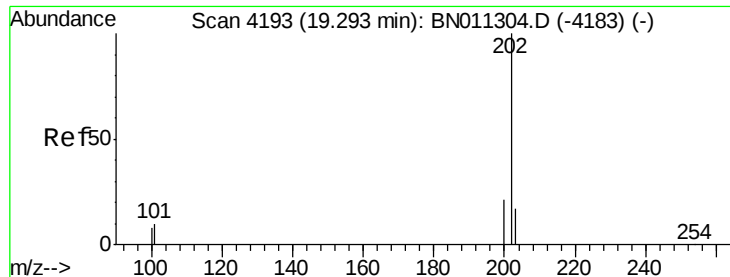
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Time-->





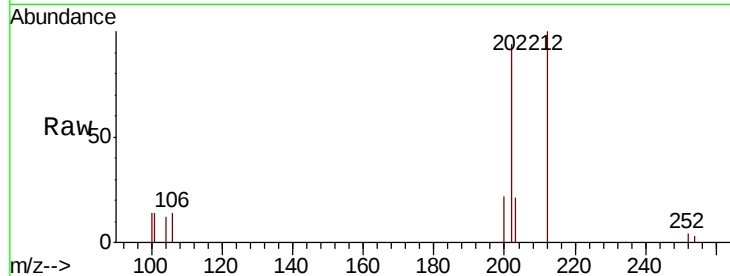
#17
Pvrene
Concen: 0.070 ng/ul m
RT: 19.29 min Scan# 4192
Delta R.T. -0.00 min
Lab File: BN011316.D
Acq: 31 Jul 2020 01:52

Instrument :
BNA_N
ClientSampleId :
C0AE6

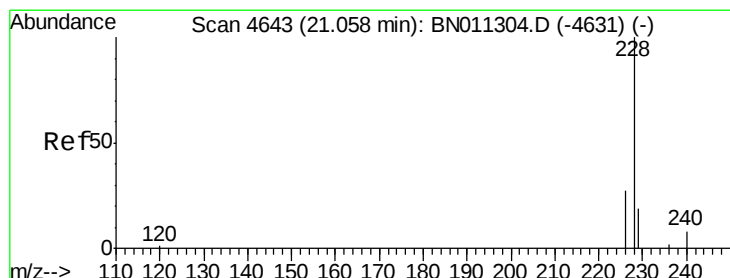
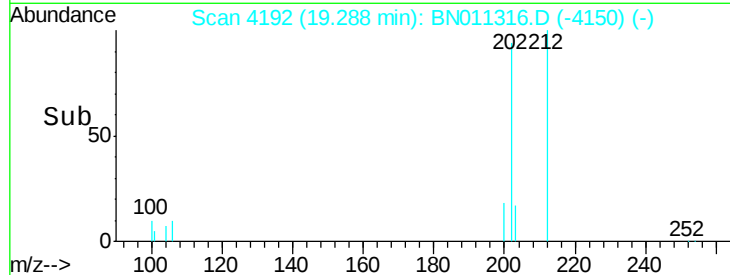
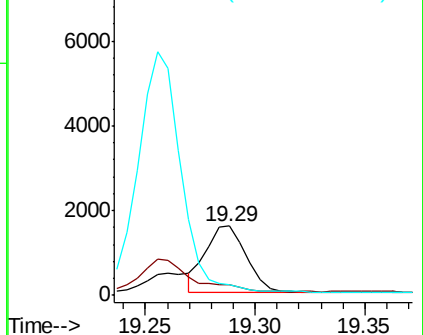
Tot Ion:	202	Resp:	2068
Ion Ratio	Lower	Upper	
202	100		
101	15.2	8.5	12.7#
100	14.6	7.1	10.7#

Manual Integrations
APPROVED

Sohil
7/31/2020 12:14:30 PM



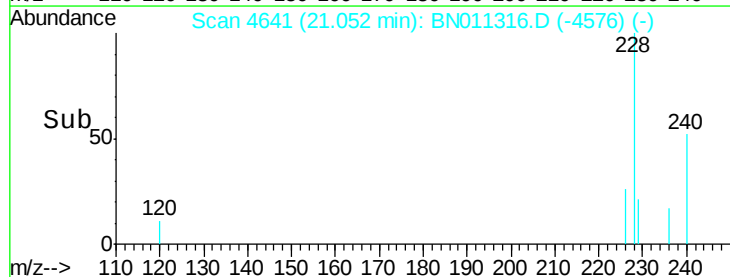
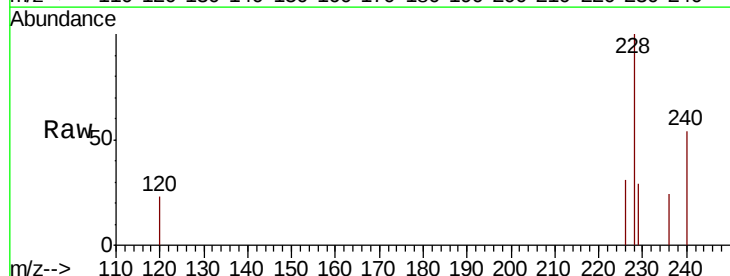
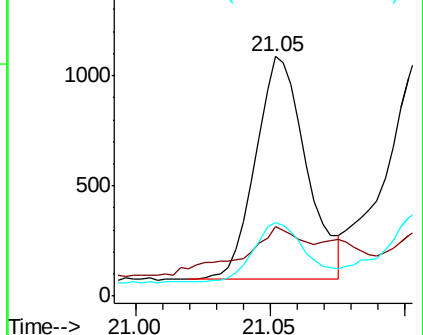
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

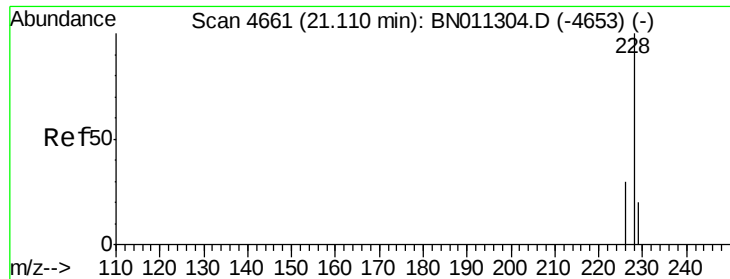


#18
Benzo(a)anthracene
Concen: 0.053 ng/ul
RT: 21.05 min Scan# 4641
Delta R.T. -0.01 min
Lab File: BN011316.D
Acq: 31 Jul 2020 01:52

Tgt Ion:	228	Resp:	1321
Ion Ratio	Lower	Upper	
228	100		
229	28.8	16.1	24.1#
226	30.5	22.2	33.2

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





#19

Chrysene

Concen: 0.055 ng/ul

RT: 21.10 min Scan# 4659

Delta R.T. -0.01 min

Lab File: BN011316.D

Acq: 31 Jul 2020 01:52

Instrument :

BNA_N

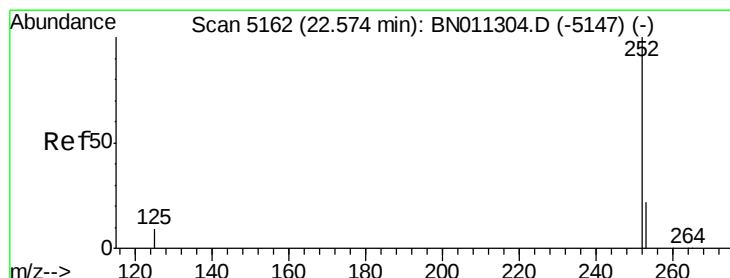
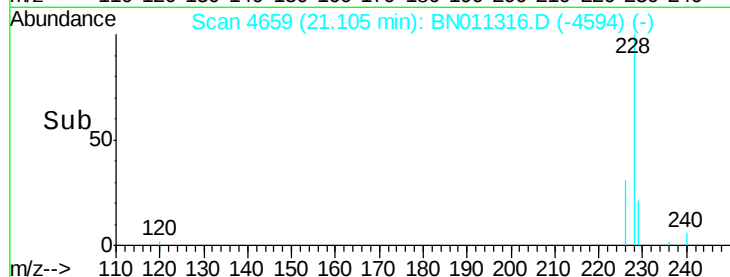
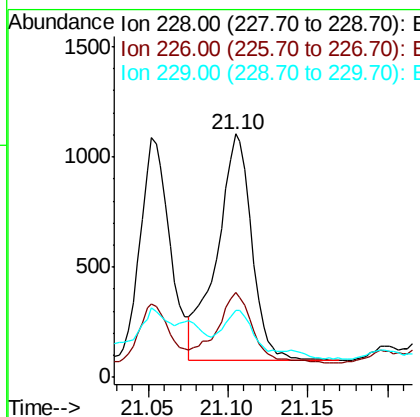
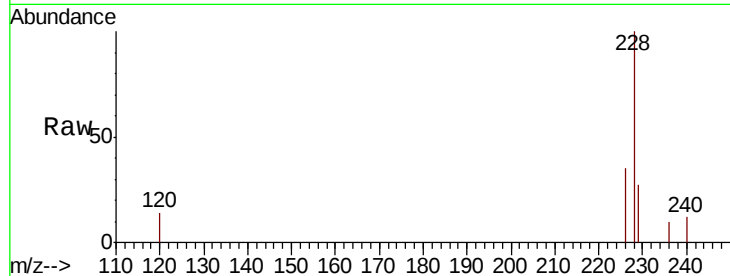
ClientSampled :

C0AE6

Tot Ion:228	Resp:	1564
Ion Ratio	Lower	Upper
228 100		
226 35.0	24.5	36.7
229 27.4	15.8	23.6

Manual Integrations
APPROVED

Sohil
7/31/2020 12:14:30 PM



#21

Benzo(b)fluoranthene

Concen: 0.061 ng/ul m

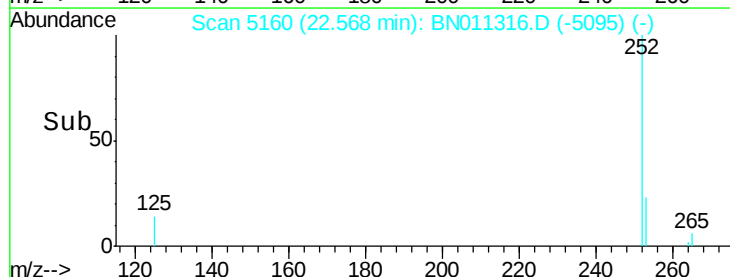
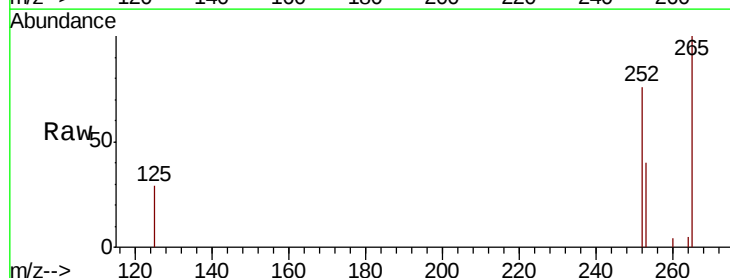
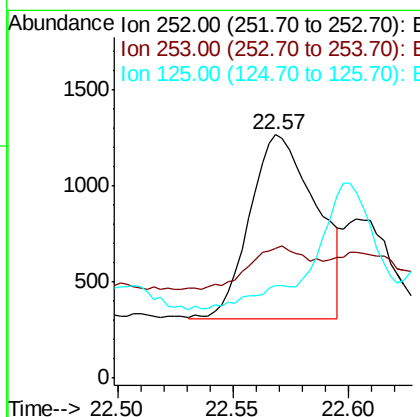
RT: 22.57 min Scan# 5160

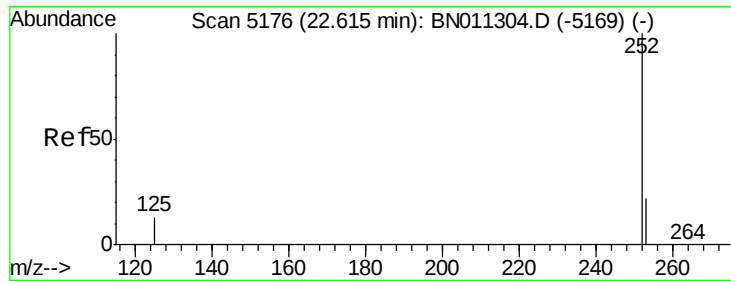
Delta R.T. -0.01 min

Lab File: BN011316.D

Acq: 31 Jul 2020 01:52

Tgt Ion:252	Resp:	1914
Ion Ratio	Lower	Upper
252 100		
253 53.0	0.0	51.8
125 38.1	0.0	24.2





#22

Benzo(k)fluoranthene

Concen: 0.020 ng/u1 m

RT: 22.60 min Scan# 5172

Delta R.T. -0.01 min

Lab File: BN011316.D

Acq: 31 Jul 2020 01:52

Instrument :

BNA_N

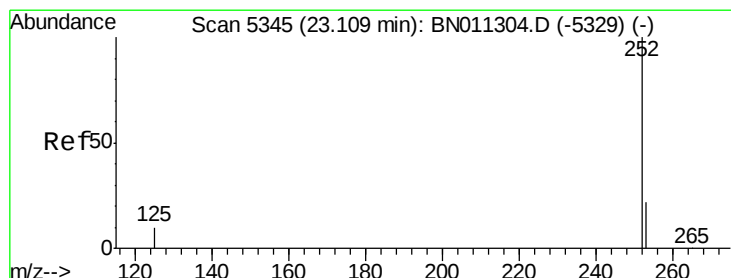
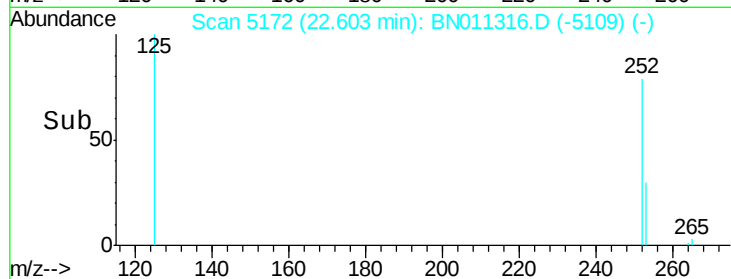
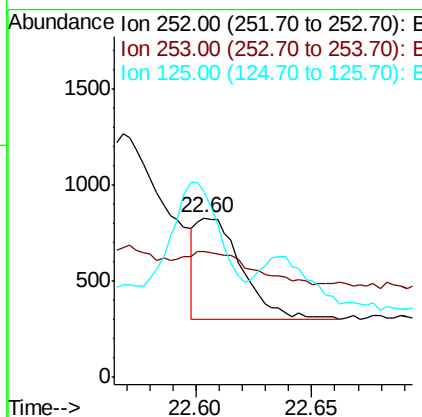
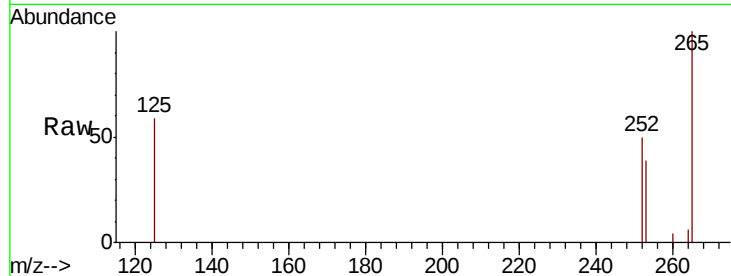
ClientSampleId :

C0AE6

Tot Ion	Ratio	Lower	Upper
252	100		
253	78.6	21.4	32.0#
125	116.9	12.6	18.8#

Manual Integrations
APPROVED

Sohil
7/31/2020 12:14:30 PM



#23

Benzo(a)pyrene

Concen: 0.047 ng/u1

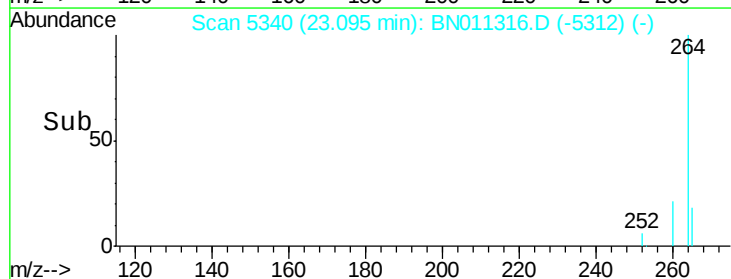
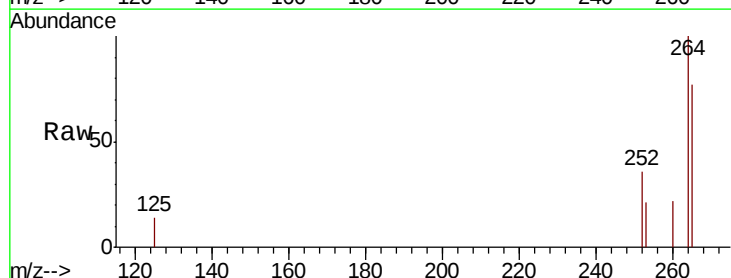
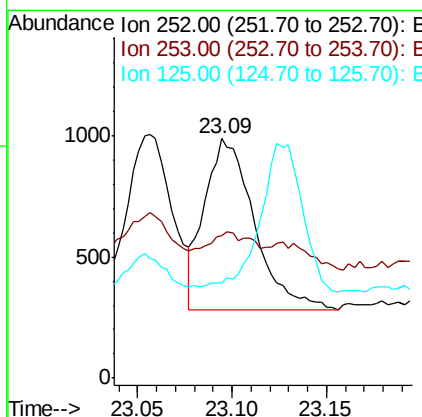
RT: 23.09 min Scan# 5340

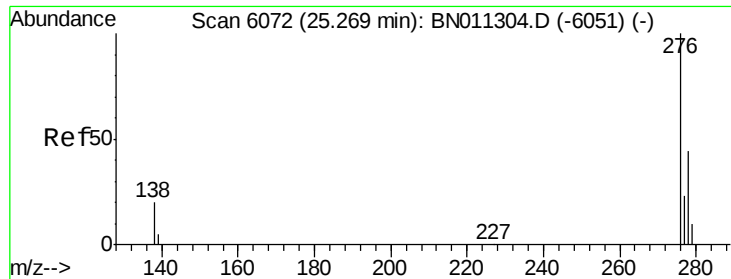
Delta R.T. -0.02 min

Lab File: BN011316.D

Acq: 31 Jul 2020 01:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	59.7	22.6	34.0#
125	40.0	12.6	18.8#





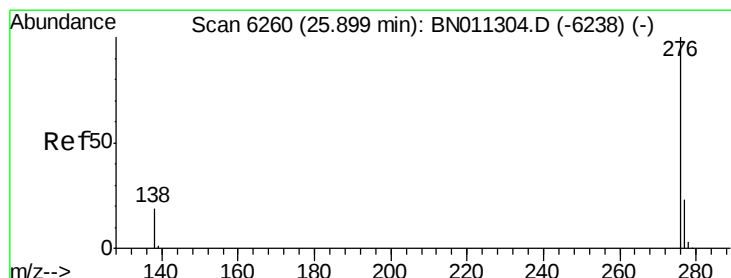
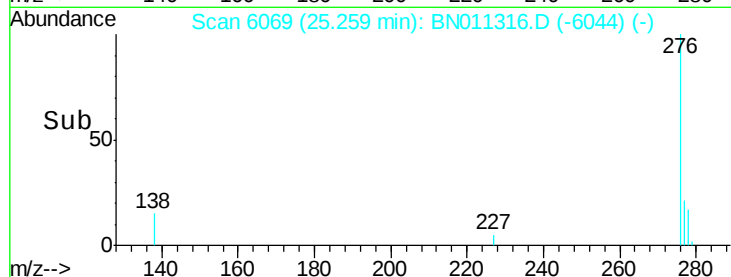
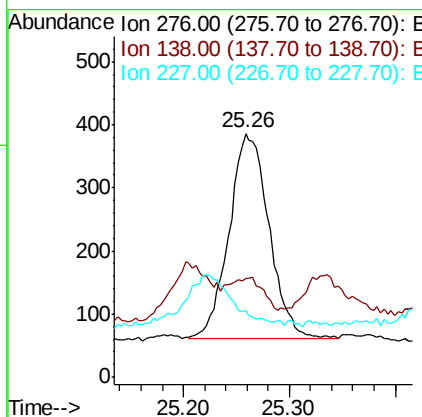
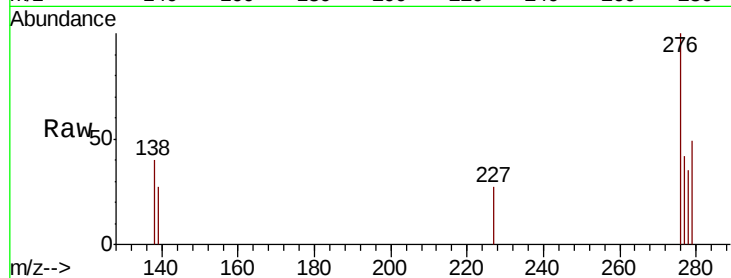
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.029 ng/ul
 RT: 25.26 min Scan# 6069
 Delta R.T. -0.02 min
 Lab File: BN011316.D
 Acq: 31 Jul 2020 01:52

Instrument :
 BNA_N
 ClientSampled :
 C0AE6

Tot Ion	Ratio	Lower	Upper
276	100		
138	0.0	18.1	27.1#
227	0.0	0.2	0.4#

Manual Integrations
 APPROVED

Sohil
 7/31/2020 12:14:30 PM



#26
 Benzo(g,h,i)perylene
 Concen: 0.032 ng/ul
 RT: 25.89 min Scan# 6256
 Delta R.T. -0.02 min
 Lab File: BN011316.D
 Acq: 31 Jul 2020 01:52

Tgt Ion	Ratio	Lower	Upper
276	100		
138	42.8	16.4	24.6#
277	42.5	20.2	30.4#

