

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN073020\
 Data File : BN011309.D
 Acq On : 30 Jul 2020 21:41
 Operator : CG/JU
 Sample : L3388-13
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AD9

Manual Integrations
 APPROVED

Sohil
 7/31/2020 12:14:25 PM

Quant Time: Jul 31 03:23:10 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	1680	0.40	ng/ul	0.00
2) Naphthalene-d8	10.21	136	6894	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.10	164	4261	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.85	188	9831	0.40	ng/ul	0.00
16) Chrysene-d12	21.07	240	8248	0.40	ng/ul	0.00
20) Perylene-d12	23.19	264	8325	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.81	152	2612	0.15	ng/ul	0.00
14) Fluoranthene-d10	18.89	212	6252	0.13	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	13.81	152	560	0.028	ng/ul#	76
12) Phenanthrene	16.89	178	1558	0.048	ng/ul#	92
13) Anthracene	16.99	178	716	0.025	ng/ul#	76
15) Fluoranthene	18.93	202	5294	0.132	ng/ul	95
17) Pyrene	19.29	202	5176	0.138	ng/ul#	95
18) Benzo(a)anthracene	21.05	228	2682	0.085	ng/ul#	91
19) Chrysene	21.11	228	3720	0.102	ng/ul#	92
21) Benzo(b)fluoranthene	22.57	252	6500m	0.187	ng/ul	
22) Benzo(k)fluoranthene	22.61	252	2399m	0.062	ng/ul	
23) Benzo(a)pyrene	23.10	252	2028	0.067	ng/ul#	48
24) Indeno(1,2,3-cd)pyrene	25.27	276	1450	0.046	ng/ul#	54

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

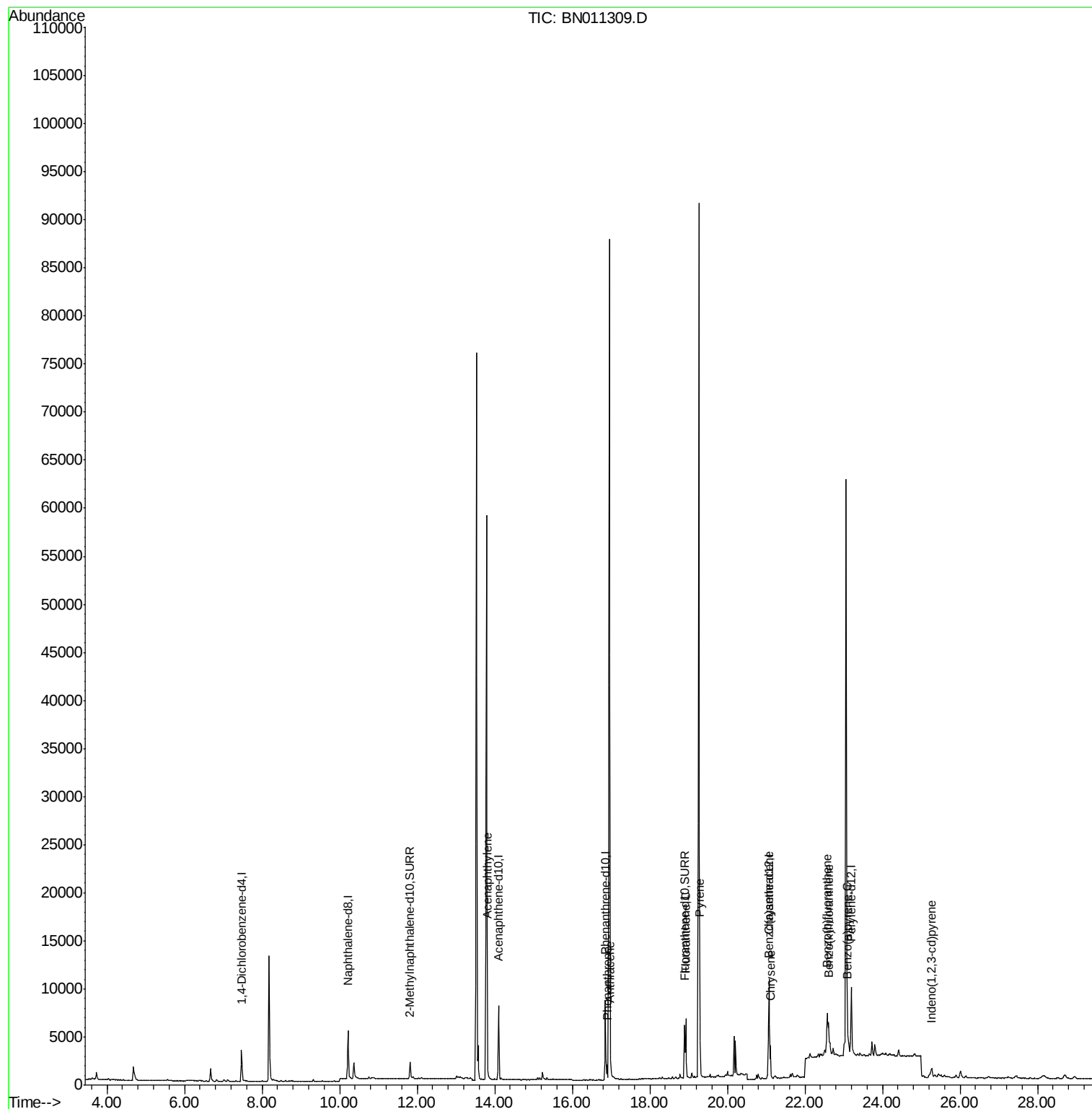
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN073020\
Data File : BN011309.D
Acq On : 30 Jul 2020 21:41
Operator : CG/JU
Sample : L3388-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

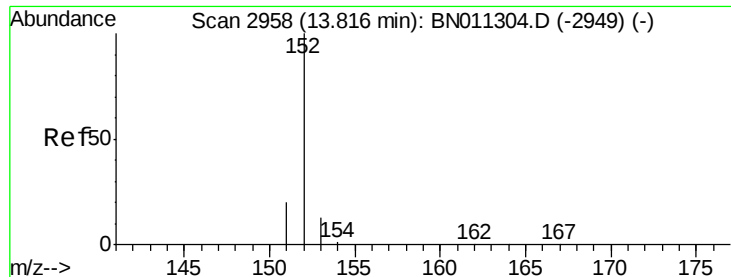
Instrument :
BNA_N
ClientSampleId :
C0AD9

Manual Integrations
APPROVED

Sohil
7/31/2020 12:14:25 PM

Quant Time: Jul 31 03:23:10 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





#7

Acenaphthylene

Concen: 0.028 ng/ul

RT: 13.81 min Scan# 2957

Delta R.T. -0.00 min

Lab File: BN011309.D

Acq: 30 Jul 2020 21:41

Instrument :

BNA_N

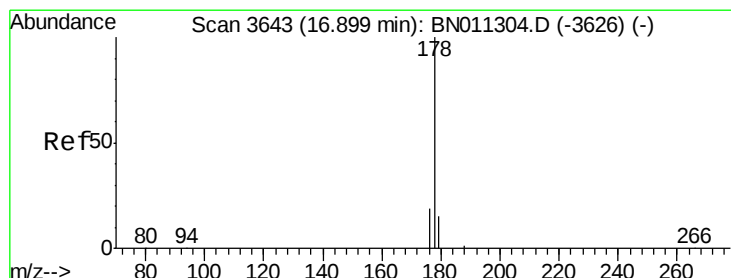
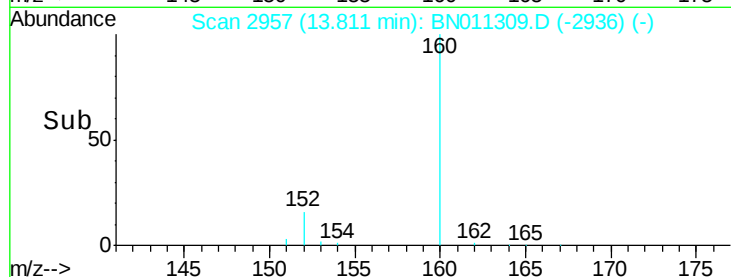
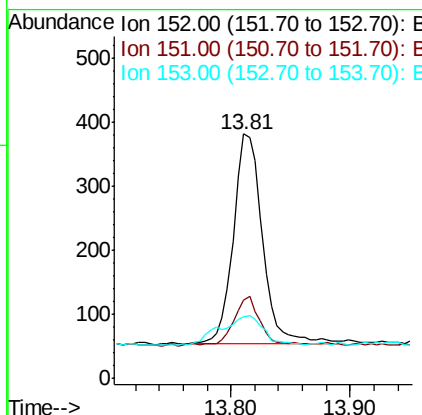
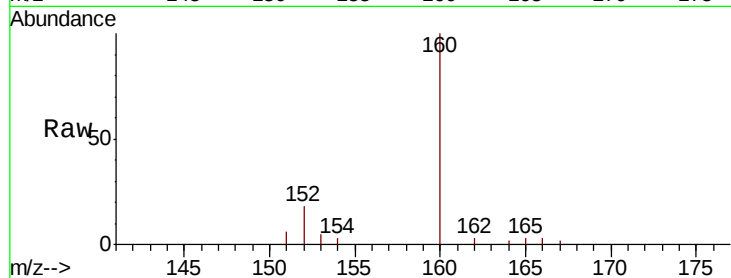
ClientSampled :

C0AD9

Tot Ion:	152	Resp:	560
Ion Ratio	Lower	Upper	
152	100		
151	31.8	17.1	25.7#
153	25.2	11.4	17.0#

Manual Integrations
APPROVED

Sohil
7/31/2020 12:14:25 PM



#12

Phenanthrene

Concen: 0.048 ng/ul

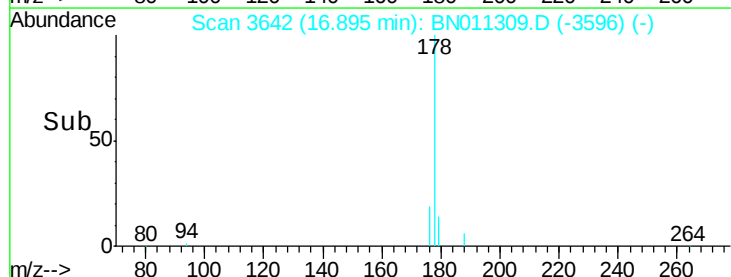
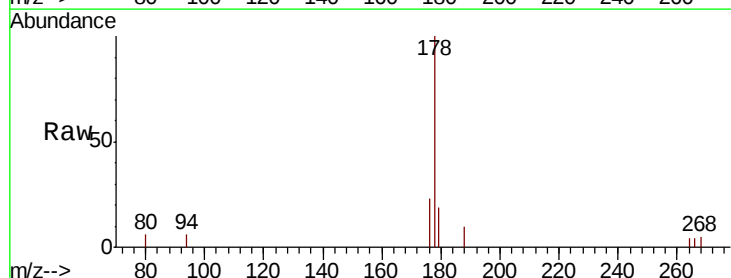
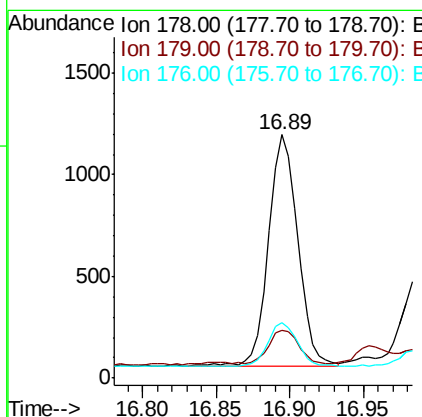
RT: 16.89 min Scan# 3642

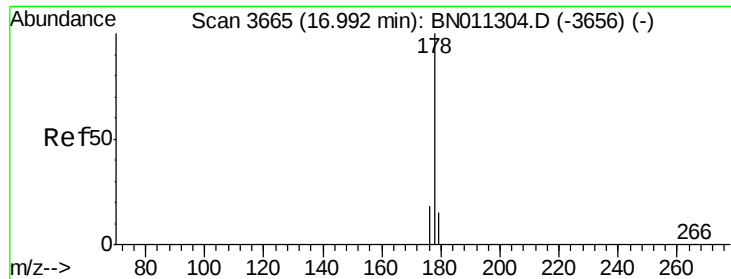
Delta R.T. -0.00 min

Lab File: BN011309.D

Acq: 30 Jul 2020 21:41

Tgt Ion:	178	Resp:	1558
Ion Ratio	Lower	Upper	
178	100		
179	19.5	12.6	18.8#
176	22.9	15.7	23.5





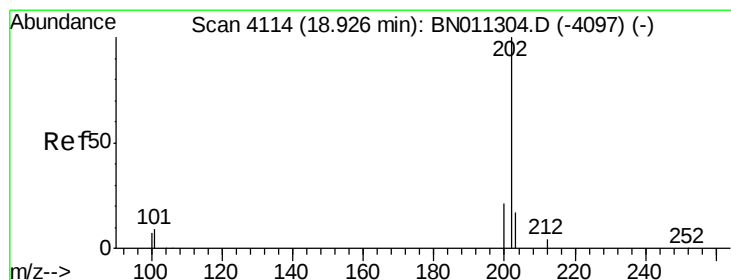
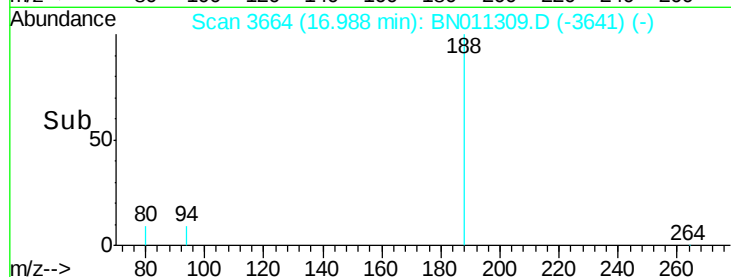
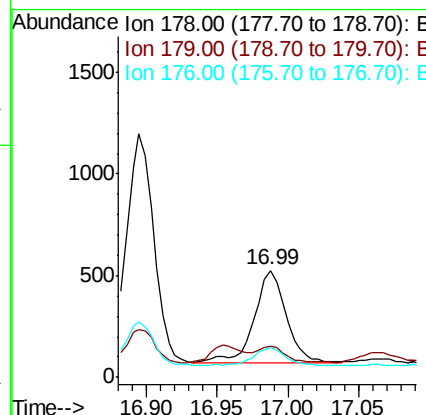
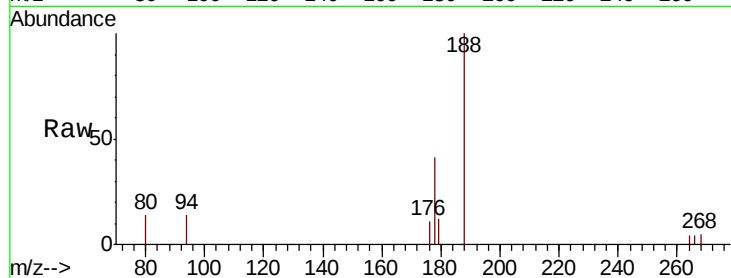
#13
 Anthracene
 Concen: 0.025 ng/ul
 RT: 16.99 min Scan# 3664
 Delta R.T. -0.00 min
 Lab File: BN011309.D
 Acq: 30 Jul 2020 21:41

Instrument :
 BNA_N
 ClientSampleId :
 C0AD9

Tot Ion	Ratio	Lower	Upper
178	100		
179	29.1	13.1	19.7#
176	27.4	14.8	22.2#

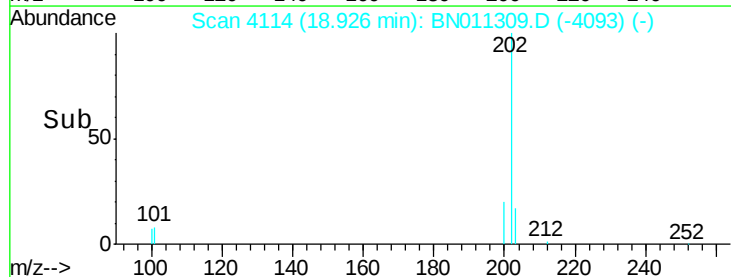
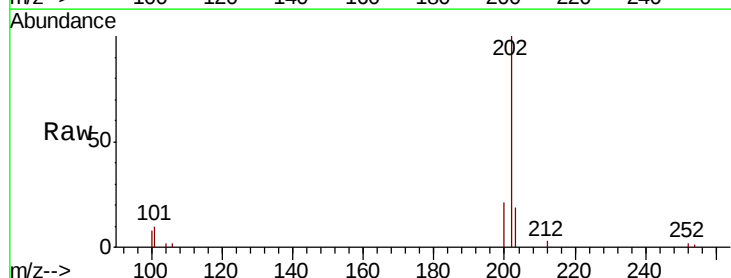
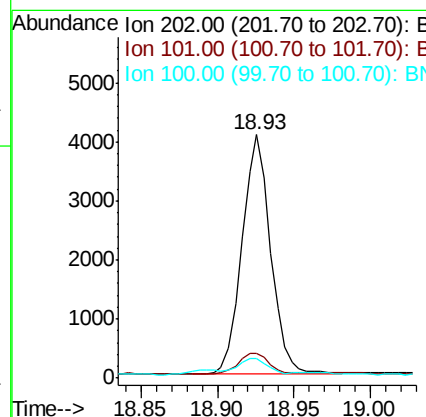
Manual Integrations
 APPROVED

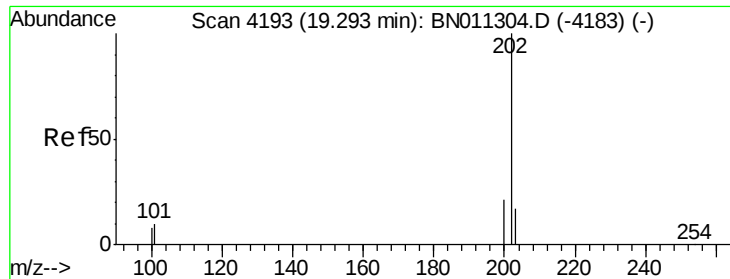
Sohil
 7/31/2020 12:14:25 PM



#15
 Fluoranthene
 Concen: 0.132 ng/ul
 RT: 18.93 min Scan# 4114
 Delta R.T. -0.00 min
 Lab File: BN011309.D
 Acq: 30 Jul 2020 21:41

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	28.2
100	8.0	0.0	26.8





#17

Pvrene

Concen: 0.138 ng/ul

RT: 19.29 min Scan# 4192

Delta R.T. -0.00 min

Lab File: BN011309.D

Acq: 30 Jul 2020 21:41

Instrument :

BNA_N

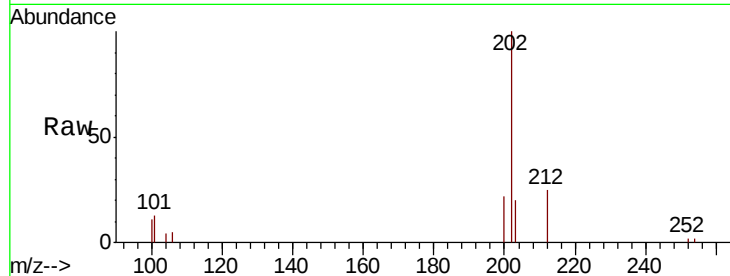
ClientSampled :

C0AD9

Tot Ion:	202	Resp:	5176
Ion Ratio	Lower	Upper	
202	100		
101	12.6	8.5	12.7
100	10.8	7.1	10.7#

Manual Integrations
APPROVED

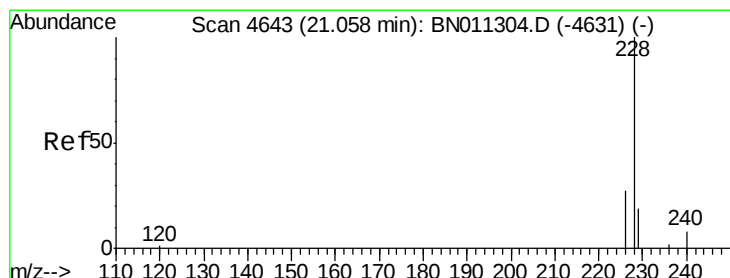
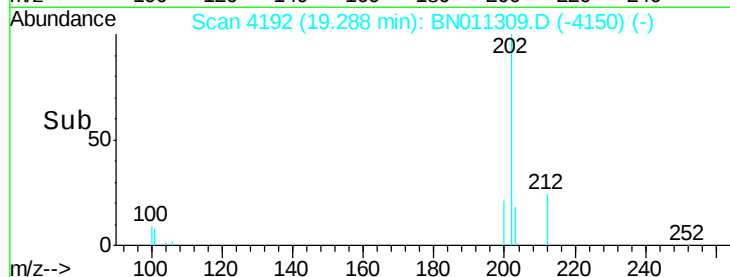
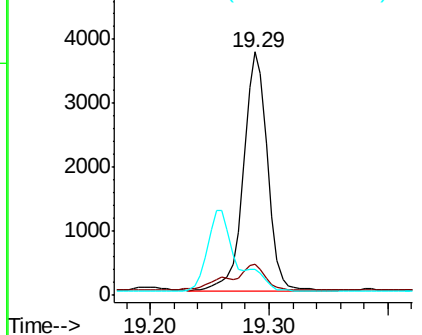
Sohil
7/31/2020 12:14:25 PM



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): E



#18

Benzo(a)anthracene

Concen: 0.085 ng/ul

RT: 21.05 min Scan# 4642

Delta R.T. -0.01 min

Lab File: BN011309.D

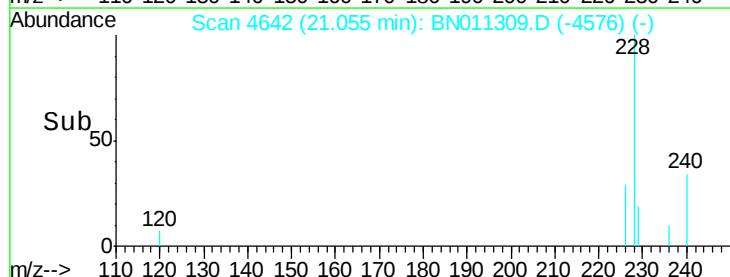
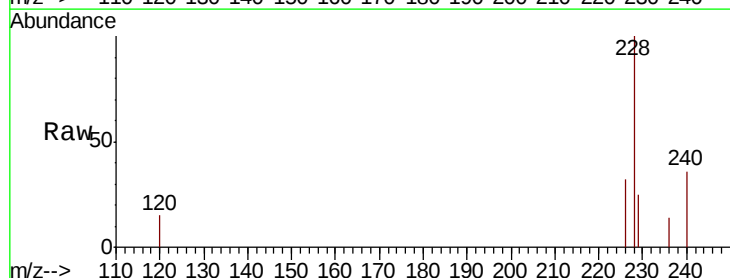
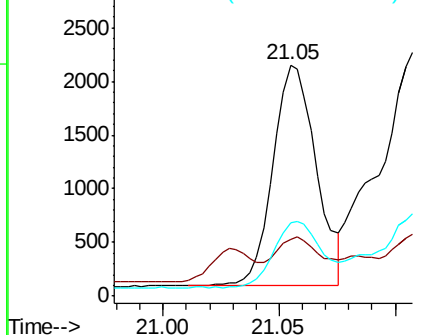
Acq: 30 Jul 2020 21:41

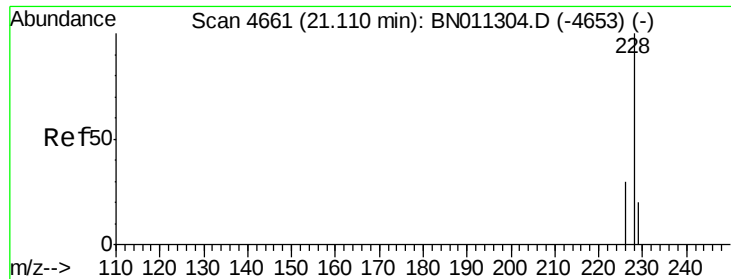
Tgt Ion:	228	Resp:	2682
Ion Ratio	Lower	Upper	
228	100		
229	24.8	16.1	24.1#
226	31.8	22.2	33.2

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: 0.102 ng/ul

RT: 21.11 min Scan# 4660

Delta R.T. -0.01 min

Lab File: BN011309.D

Acq: 30 Jul 2020 21:41

Instrument :

BNA_N

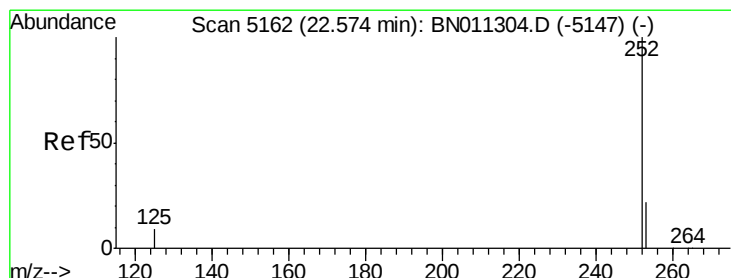
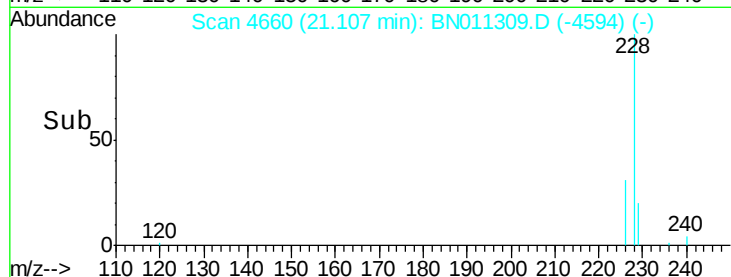
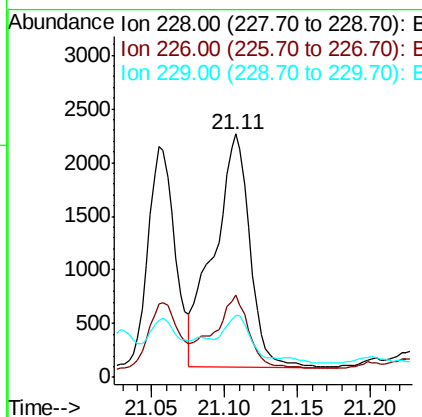
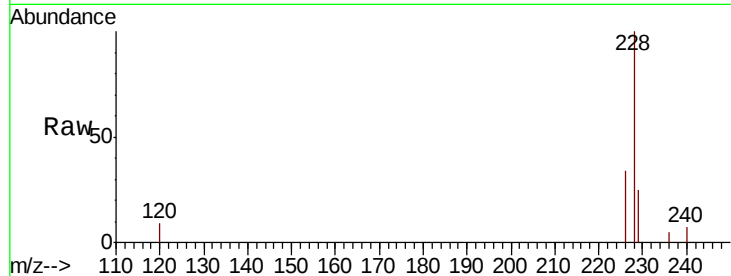
ClientSampleId :

C0AD9

Tot Ion:228	Resp:	3720
Ion Ratio	Lower	Upper
228 100		
226 33.6	24.5	36.7
229 25.4	15.8	23.6#

Manual Integrations
APPROVED

Sohil
7/31/2020 12:14:25 PM



#21

Benzo(b)fluoranthene

Concen: 0.187 ng/ul m

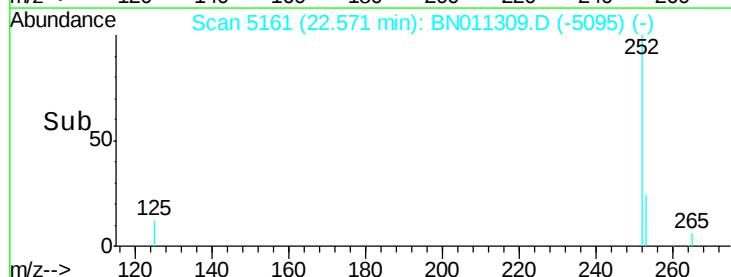
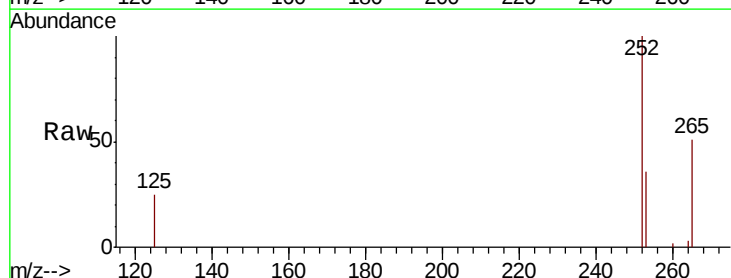
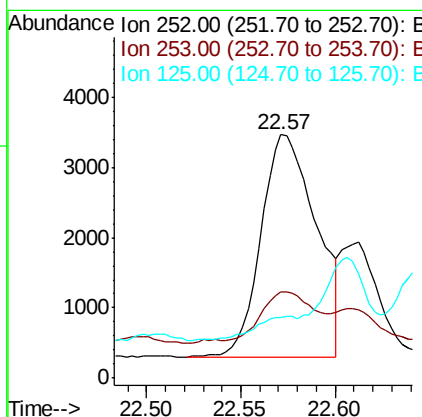
RT: 22.57 min Scan# 5161

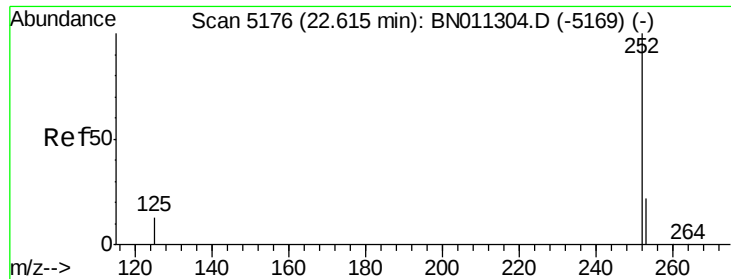
Delta R.T. -0.01 min

Lab File: BN011309.D

Acq: 30 Jul 2020 21:41

Tgt Ion:252	Resp:	6500
Ion Ratio	Lower	Upper
252 100		
253 35.5	0.0	51.8
125 24.9	0.0	24.2#





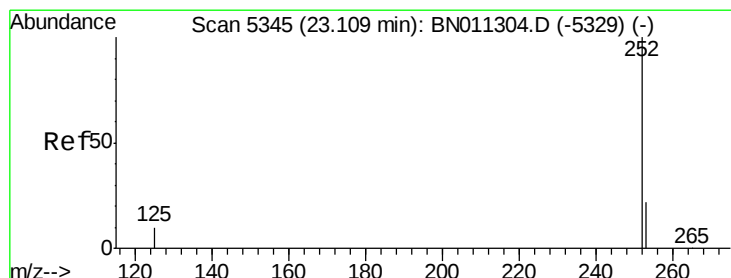
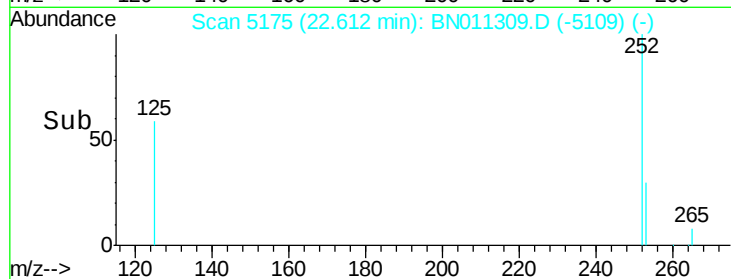
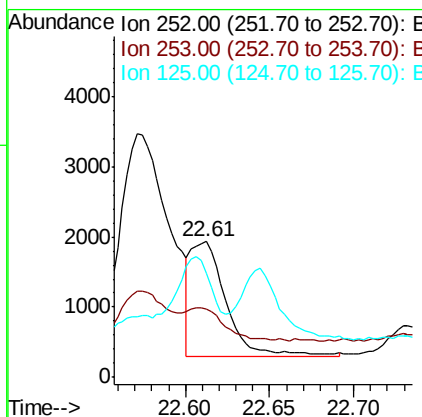
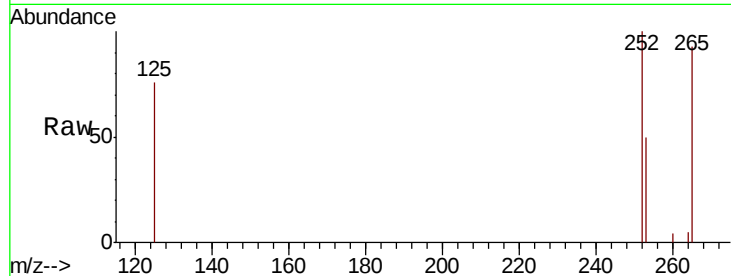
#22
Benzo(k)fluoranthene
Concen: 0.062 ng/ul m
RT: 22.61 min Scan# 5175
Delta R.T. -0.01 min
Lab File: BN011309.D
Acq: 30 Jul 2020 21:41

Instrument :
BNA_N
ClientSampled :
C0AD9

Tot Ion	Ratio	Lower	Upper
252	100		
253	50.3	21.4	32.0#
125	76.3	12.6	18.8#

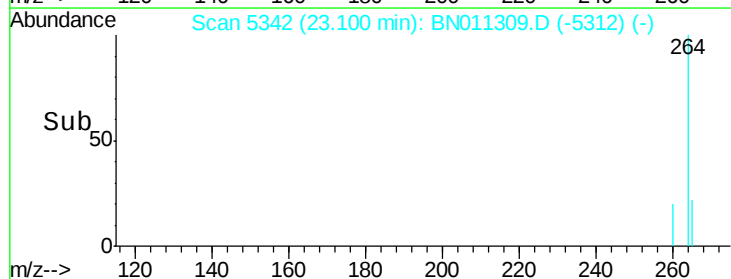
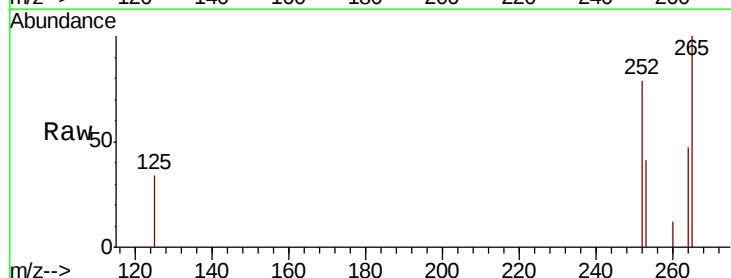
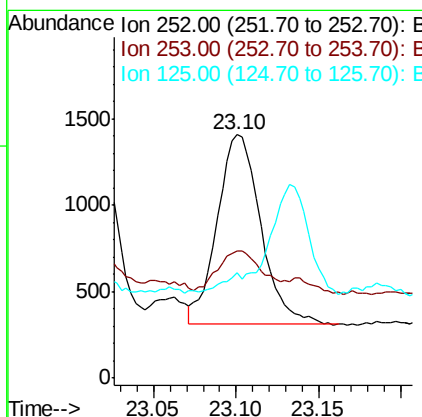
Manual Integrations
APPROVED

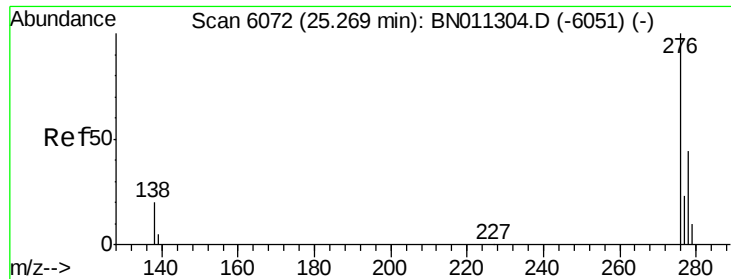
Sohil
7/31/2020 12:14:25 PM



#23
Benzo(a)pyrene
Concen: 0.067 ng/ul
RT: 23.10 min Scan# 5342
Delta R.T. -0.01 min
Lab File: BN011309.D
Acq: 30 Jul 2020 21:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	52.3	22.6	34.0#
125	43.3	12.6	18.8#





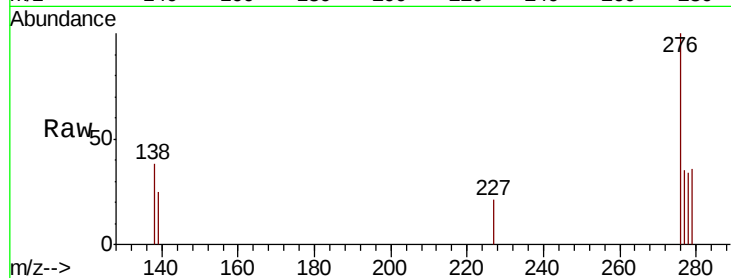
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.046 ng/ul
 RT: 25.27 min Scan# 6072
 Delta R.T. -0.01 min
 Lab File: BN011309.D
 Acq: 30 Jul 2020 21:41

Instrument :
 BNA_N
 ClientSampleId :
 C0AD9

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 12:14:25 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

