

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN073020\
 Data File : BN011317.D
 Acq On : 31 Jul 2020 02:28
 Operator : CG/JU
 Sample : L3388-20
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AE7

Manual Integrations
 APPROVED

Sohil
 7/31/2020 12:14:32 PM

Quant Time: Jul 31 04:11:44 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	700	0.40	ng/ul	0.00
2) Naphthalene-d8	10.21	136	3343	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.10	164	2298	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.85	188	5453m	0.40	ng/ul	0.00
16) Chrysene-d12	21.07	240	5773	0.40	ng/ul	0.00
20) Perylene-d12	23.19	264	7391	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.81	152	2817	0.33	ng/ul	0.00
14) Fluoranthene-d10	18.89	212	8296	0.32	ng/ul	0.00
Target Compounds				Ovalue		
12) Phenanthrene	16.89	178	538	0.030	ng/ul#	77
15) Fluoranthene	18.93	202	832	0.037	ng/ul	75
17) Pyrene	19.29	202	768	0.029	ng/ul#	72
18) Benzo(a)anthracene	21.05	228	572	0.026	ng/ul#	65
19) Chrysene	21.11	228	1036	0.041	ng/ul#	79
21) Benzo(b)fluoranthene	22.56	252	1580m	0.051	ng/ul	
23) Benzo(a)pyrene	23.09	252	625	0.023	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.26	276	684	0.024	ng/ul#	85
26) Benzo(g,h,i)perylene	25.88	276	820	0.032	ng/ul#	55

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

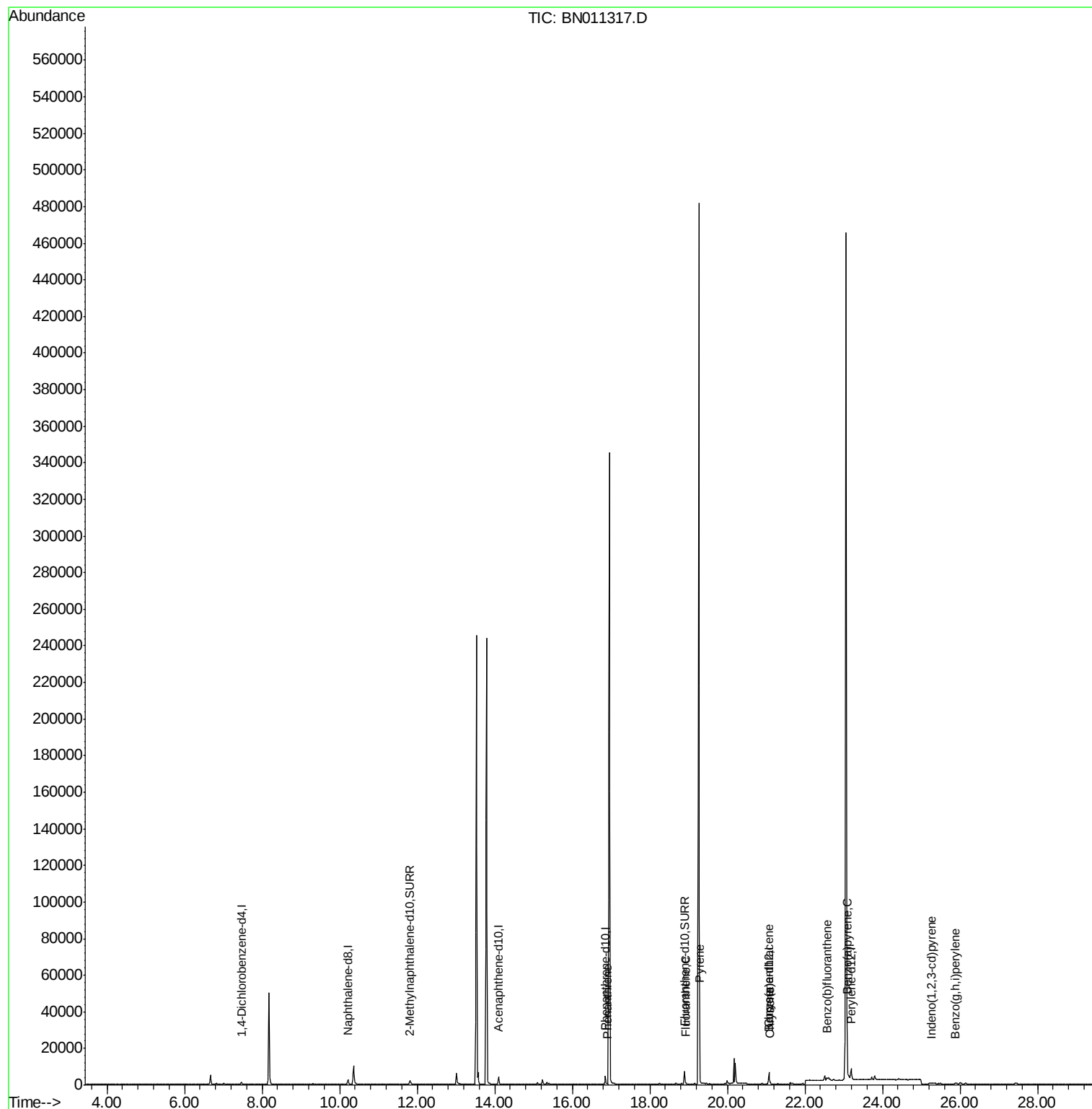
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN073020\
Data File : BN011317.D
Acq On : 31 Jul 2020 02:28
Operator : CG/JU
Sample : L3388-20
Misc :
ALS Vial : 24 Sample Multiplier: 1

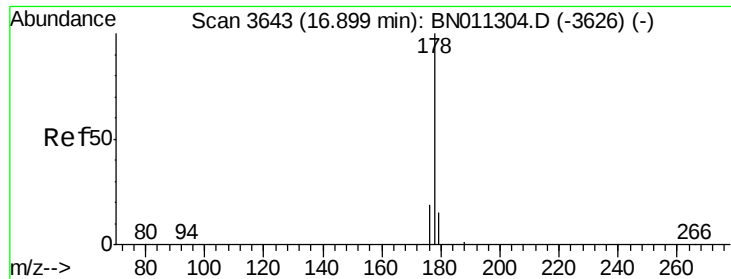
Instrument :
BNA_N
ClientSampleId :
C0AE7

Manual Integrations
APPROVED

Sohil
7/31/2020 12:14:32 PM

Quant Time: Jul 31 04:11:44 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: 0.030 ng/ul

RT: 16.89 min Scan# 3642

Delta R.T. -0.00 min

Lab File: BN011317.D

Acq: 31 Jul 2020 02:28

Instrument :

BNA_N

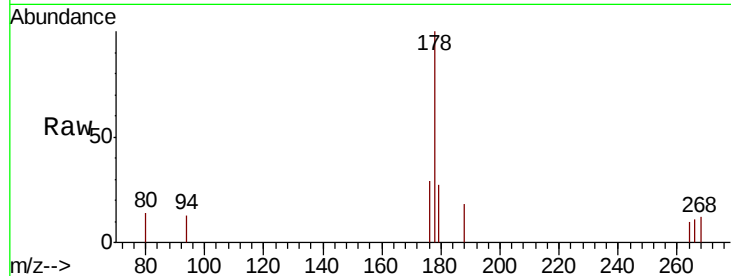
ClientSampleId :

C0AE7

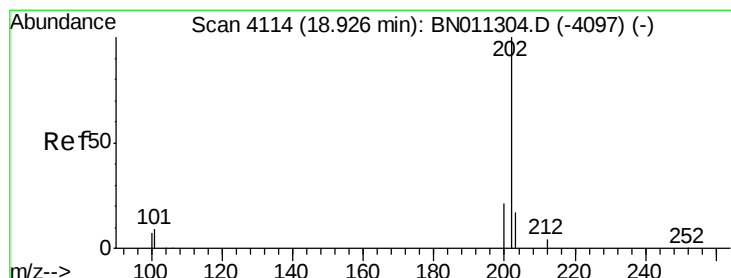
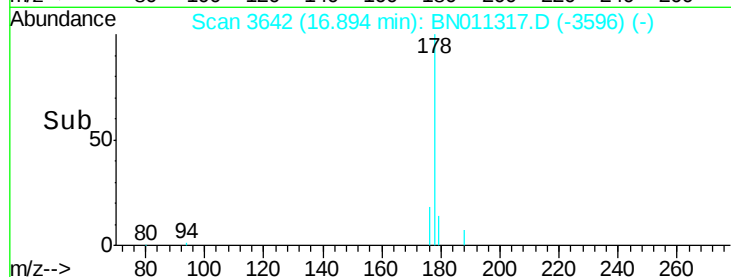
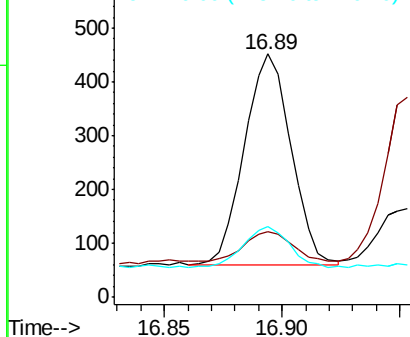
Tot Ion:	178	Resp:	538
Ion Ratio	Lower	Upper	
178	100		
179	27.0	12.6	18.8#
176	28.8	15.7	23.5#

Manual Integrations
APPROVED

Sohil
7/31/2020 12:14:32 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



#15

Fluoranthene

Concen: 0.037 ng/ul

RT: 18.93 min Scan# 4114

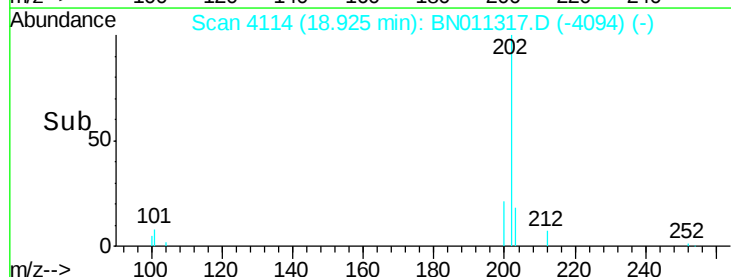
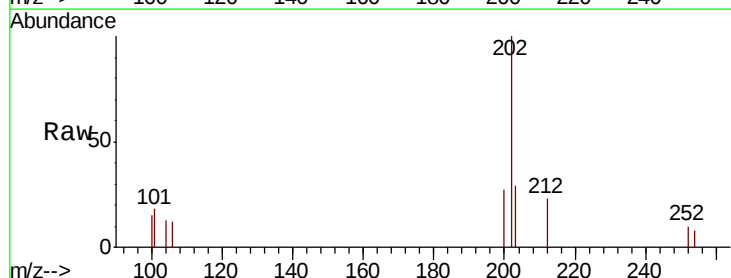
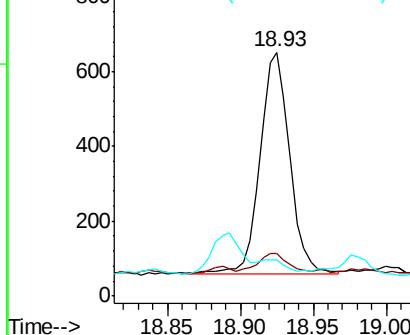
Delta R.T. -0.01 min

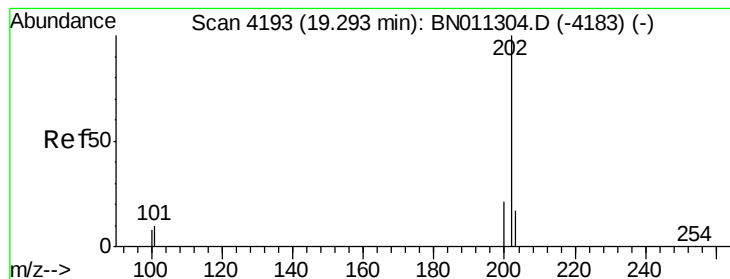
Lab File: BN011317.D

Acq: 31 Jul 2020 02:28

Tgt Ion:	202	Resp:	832
Ion Ratio	Lower	Upper	
202	100		
101	17.5	0.0	28.2
100	14.6	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





#17

Pvrene

Concen: 0.029 ng/ul

RT: 19.29 min Scan# 4192

Delta R.T. -0.01 min

Lab File: BN011317.D

Acq: 31 Jul 2020 02:28

Instrument :

BNA_N

ClientSampled :

C0AE7

Tot Ion:202 Resp: 768

Ion Ratio Lower Upper

202 100

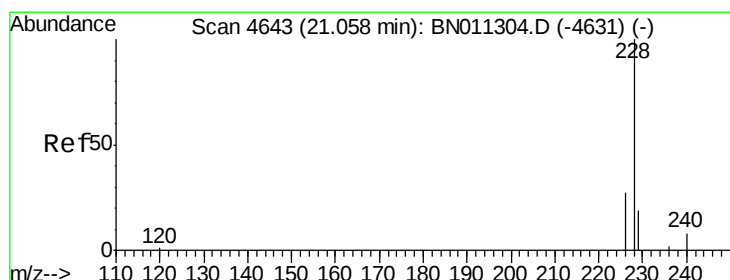
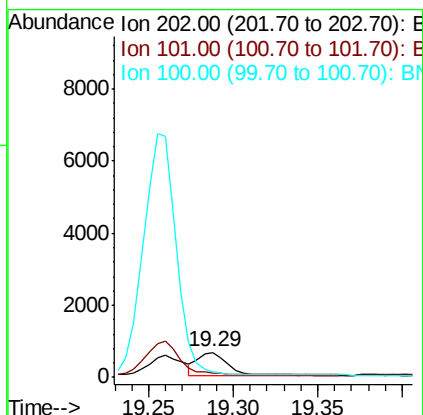
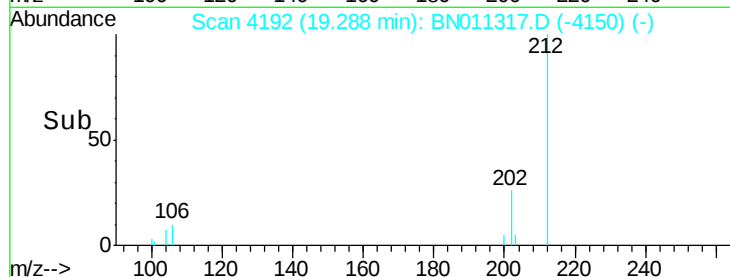
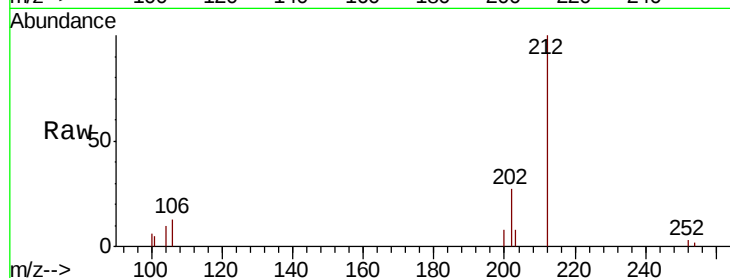
101 19.3 8.5 12.7#

100 21.1 7.1 10.7#

Manual Integrations
APPROVED

Sohil

7/31/2020 12:14:32 PM



#18

Benzo(a)anthracene

Concen: 0.026 ng/ul

RT: 21.05 min Scan# 4641

Delta R.T. -0.01 min

Lab File: BN011317.D

Acq: 31 Jul 2020 02:28

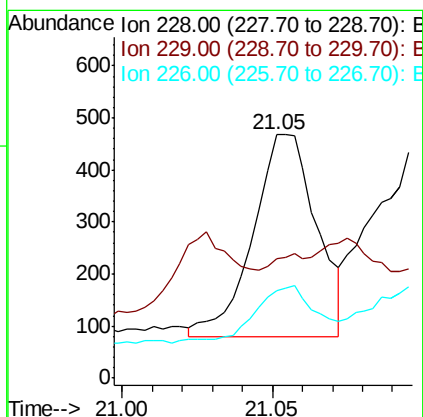
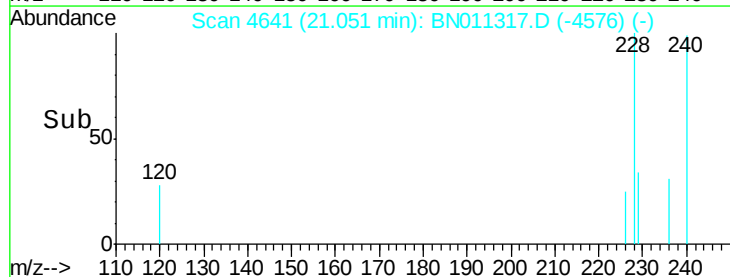
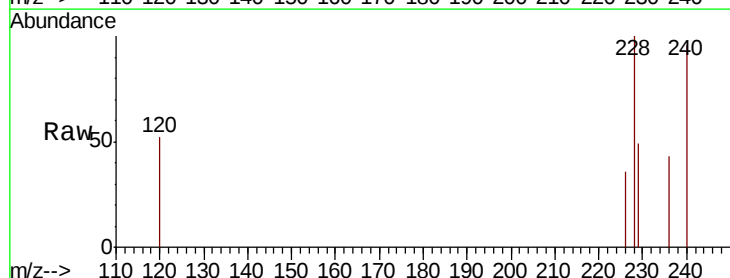
Tgt Ion:228 Resp: 572

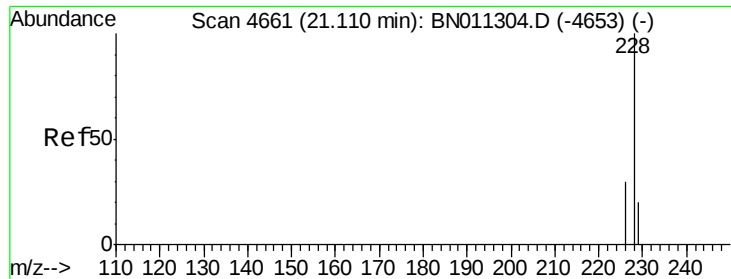
Ion Ratio Lower Upper

228 100

229 49.1 16.1 24.1#

226 35.7 22.2 33.2#





#19

Chrysene

Concen: 0.041 ng/ul

RT: 21.11 min Scan# 4660

Delta R.T. -0.01 min

Lab File: BN011317.D

Acq: 31 Jul 2020 02:28

Instrument :

BNA_N

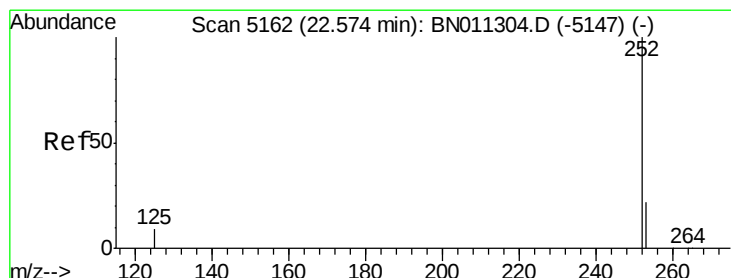
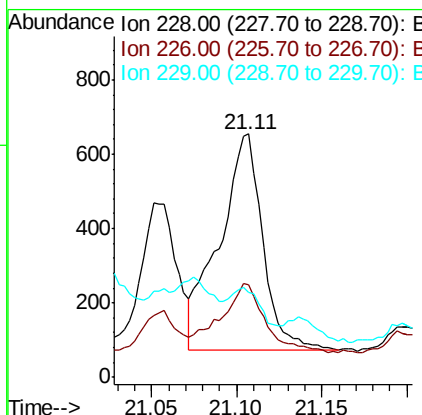
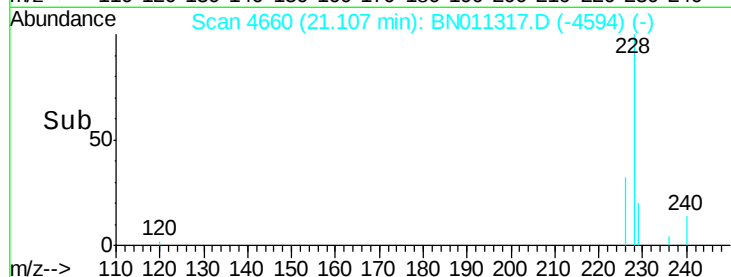
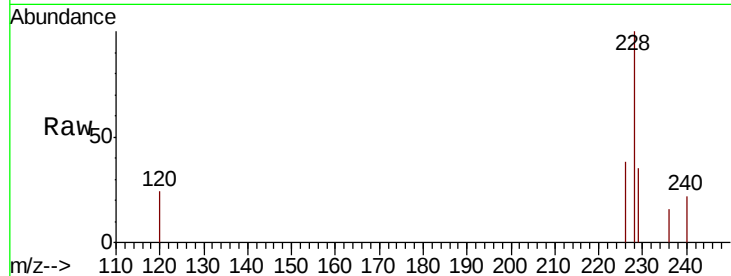
ClientSampled :

C0AE7

Tot Ion:	228	Resp:	1036
Ion Ratio	Lower	Upper	
228	100		
226	37.9	24.5	36.7#
229	35.0	15.8	23.6#

Manual Integrations
APPROVED

Sohil
7/31/2020 12:14:32 PM



#21

Benzo(b)fluoranthene

Concen: 0.051 ng/ul m

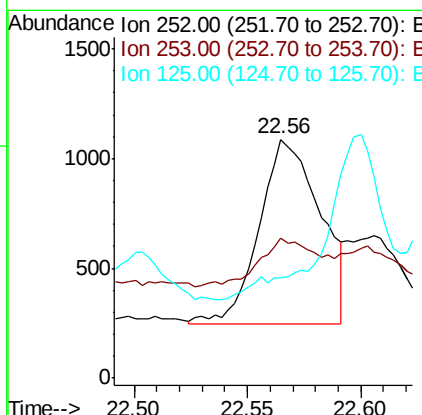
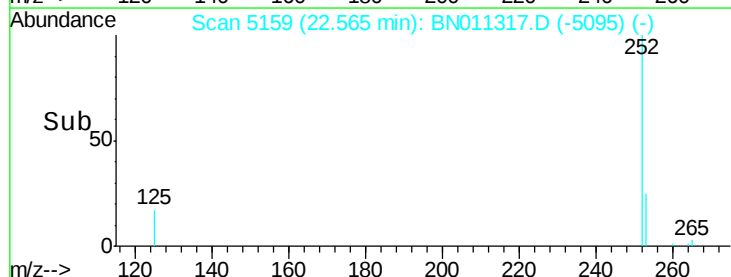
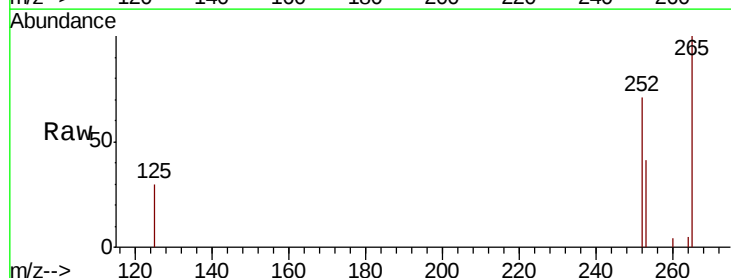
RT: 22.56 min Scan# 5159

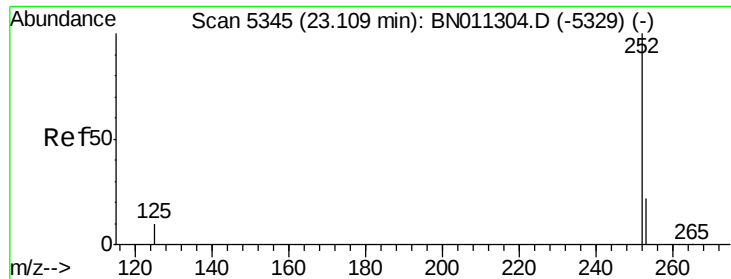
Delta R.T. -0.01 min

Lab File: BN011317.D

Acq: 31 Jul 2020 02:28

Tgt Ion:	252	Resp:	1580
Ion Ratio	Lower	Upper	
252	100		
253	58.3	0.0	51.8#
125	42.1	0.0	24.2#





#23

Benzo(a)pyrene

Concen: 0.023 ng/ul

RT: 23.09 min Scan# 5340

Delta R.T. -0.02 min

Lab File: BN011317.D

Acq: 31 Jul 2020 02:28

Instrument :

BNA_N

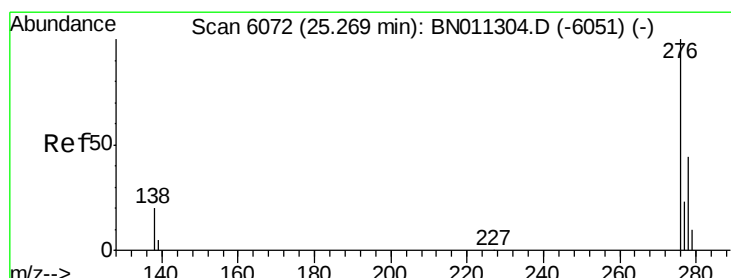
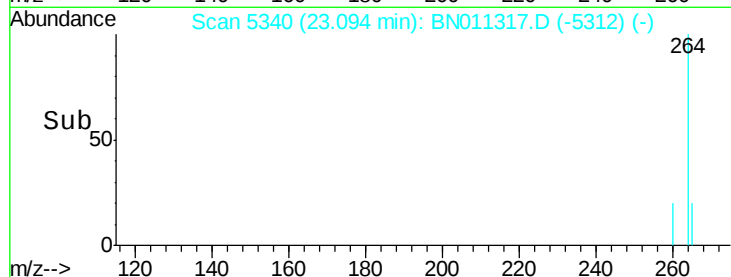
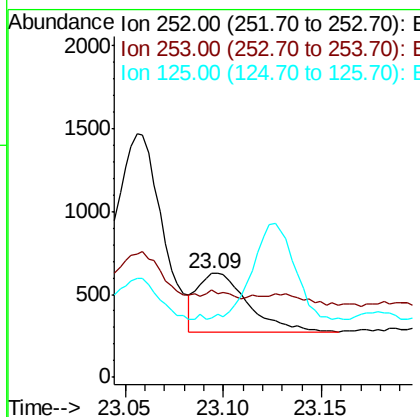
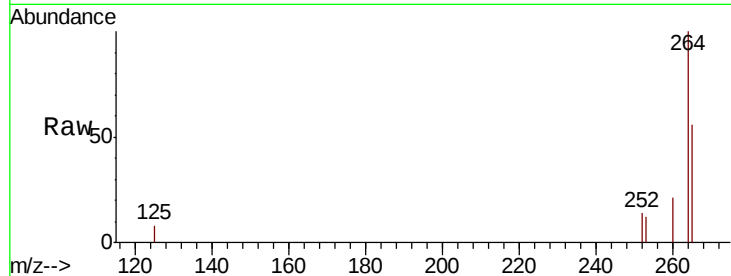
ClientSampled :

C0AE7

Tot Ion	Ratio	Lower	Upper
252	100		
253	84.0	22.6	34.0#
125	56.7	12.6	18.8#

Manual Integrations
APPROVED

Sohil
7/31/2020 12:14:32 PM



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.024 ng/ul

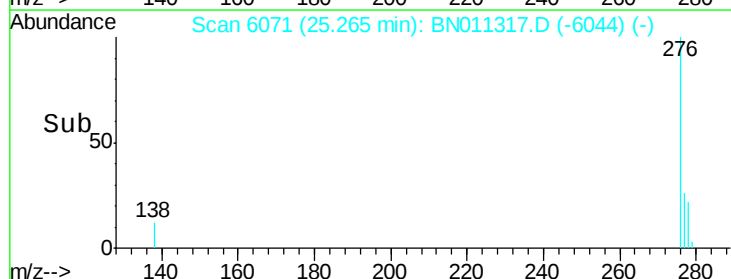
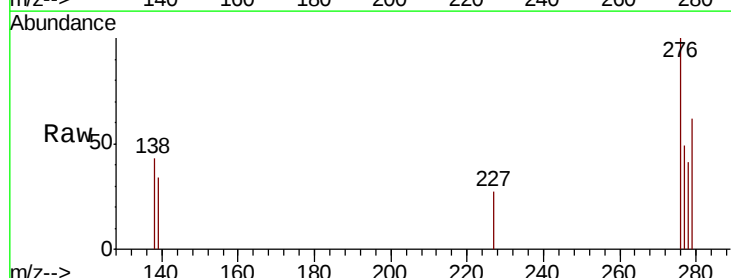
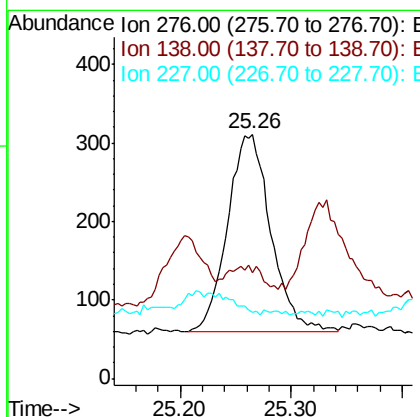
RT: 25.26 min Scan# 6071

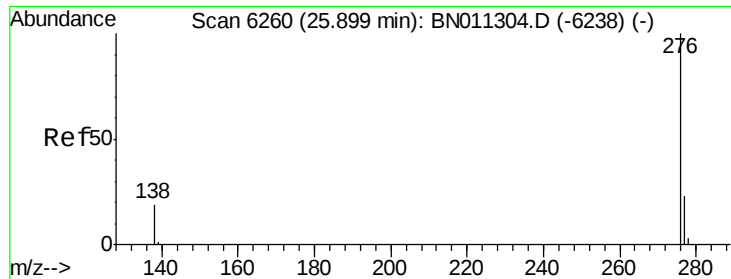
Delta R.T. -0.01 min

Lab File: BN011317.D

Acq: 31 Jul 2020 02:28

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.2	18.1	27.1#
227	1.0	0.2	0.4#





#26

Benzo(a,h,i)perylene

Concen: 0.032 ng/ul

RT: 25.88 min Scan# 6255

Delta R.T. -0.02 min

Lab File: BN011317.D

Acq: 31 Jul 2020 02:28

Instrument :

BNA_N

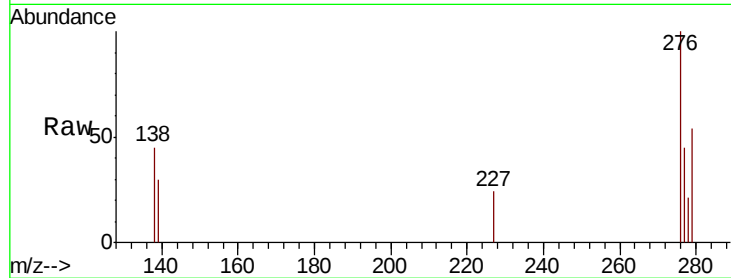
ClientSampleId :

C0AE7

Tot Ion:	276	Resp:	820
Ion Ratio	Lower	Upper	
276	100		
138	45.1	16.4	24.6#
277	44.8	20.2	30.4#

Manual Integrations
APPROVED

Sohil
7/31/2020 12:14:32 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

