

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090820\
 Data File : BN011737.D
 Acq On : 08 Sep 2020 15:17
 Operator : CG/JU
 Sample : L3843-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AE1

Manual Integrations
 APPROVED

Sohil
 9/9/2020 3:45:40 PM

Quant Time: Sep 08 15:56:58 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN090820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 08 14:34:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	2212	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	8304	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.38	164	4612	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.12	188	9707	0.40	ng/ul	0.00
16) Chrysene-d12	21.31	240	8550	0.40	ng/ul	0.00
20) Perylene-d12	23.56	264	8945	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	2188	0.17	ng/ul	0.00
14) Fluoranthene-d10	19.15	212	4708	0.18	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.57	128	1466	0.060	ng/ul#	91
7) Acenaphthylene	14.09	152	1850	0.083	ng/ul	94
12) Phenanthrene	17.16	178	1167	0.036	ng/ul#	87
13) Anthracene	17.25	178	2239	0.077	ng/ul#	92
15) Fluoranthene	19.18	202	6336	0.175	ng/ul	99
17) Pyrene	19.54	202	26757	0.705	ng/ul	98
18) Benzo(a)anthracene	21.29	228	4461m	0.134	ng/ul	
19) Chrysene	21.35	228	10482	0.282	ng/ul	97
21) Benzo(b)fluoranthene	22.89	252	22740m	0.542	ng/ul	
22) Benzo(k)fluoranthene	22.93	252	8534m	0.198	ng/ul	
23) Benzo(a)pyrene	23.46	252	13044	0.360	ng/ul	99
24) Indeno(1,2,3-cd)pyrene	25.82	276	8005	0.168	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.83	278	2548	0.066	ng/ul#	80
26) Benzo(g,h,i)perylene	26.51	276	6034	0.145	ng/ul	95

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

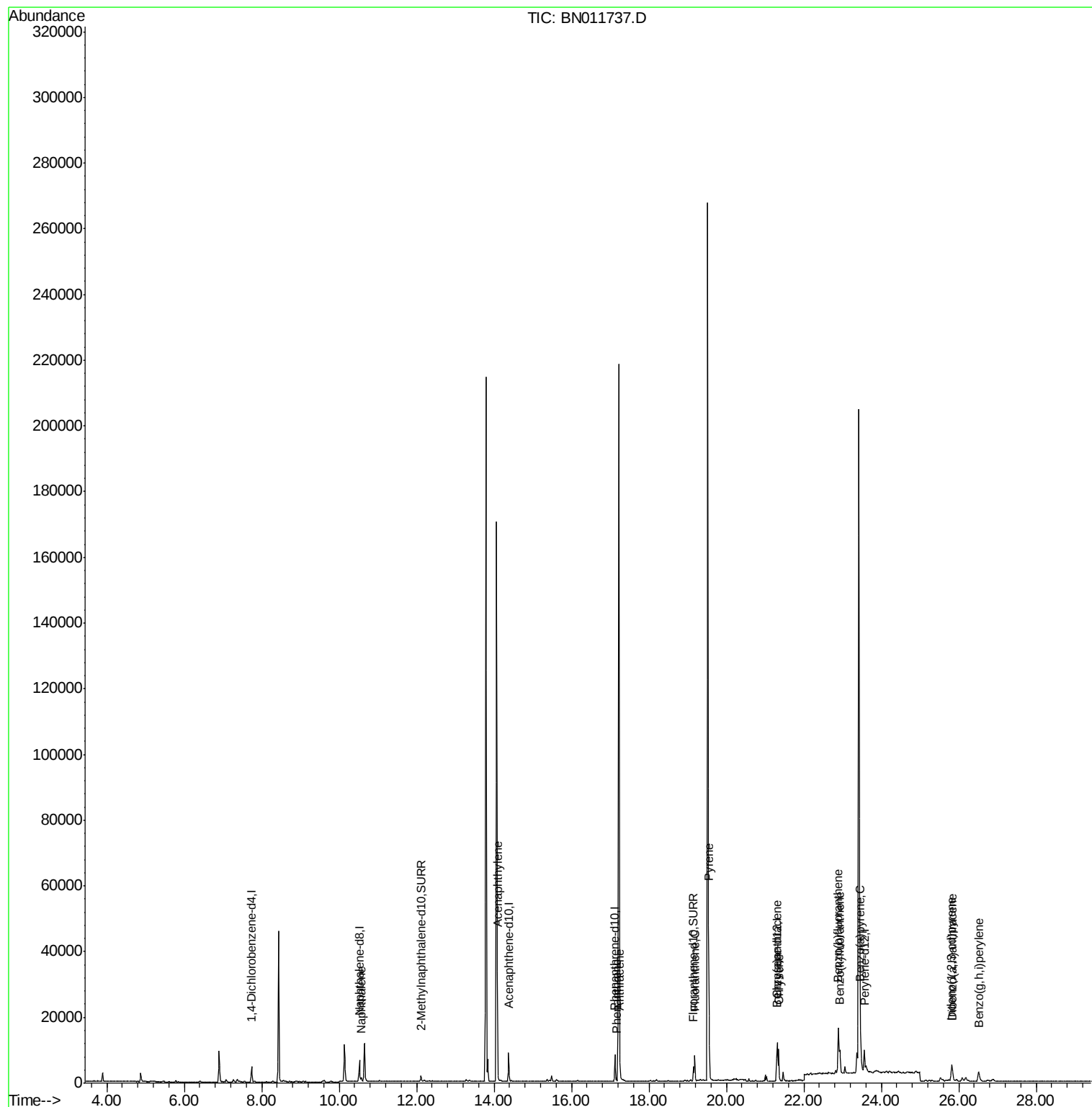
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090820\
Data File : BN011737.D
Acq On : 08 Sep 2020 15:17
Operator : CG/JU
Sample : L3843-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

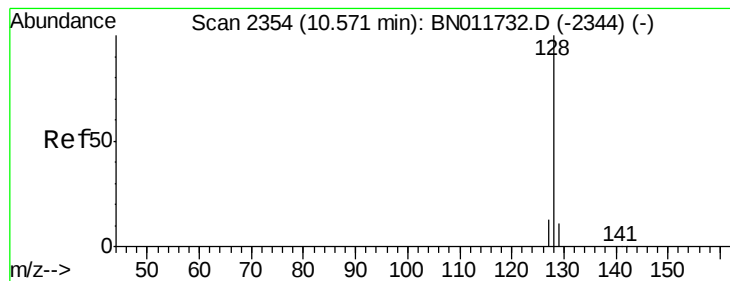
Instrument :
BNA_N
ClientSampleId :
C0AE1

Manual Integrations
APPROVED

Sohil
9/9/2020 3:45:40 PM

Quant Time: Sep 08 15:56:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN090820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 08 14:34:47 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.060 ng/ul

RT: 10.57 min Scan# 2354

Delta R.T. 0.00 min

Lab File: BN011737.D

Acq: 08 Sep 2020 15:17

Instrument :

BNA_N

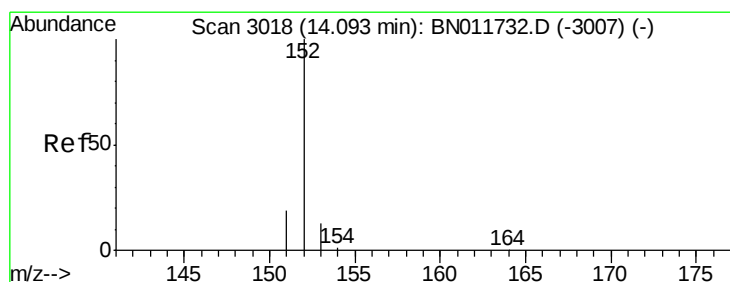
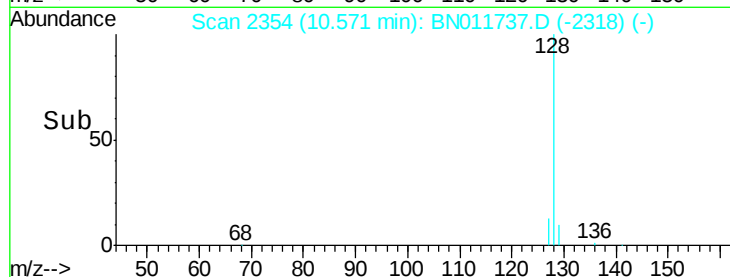
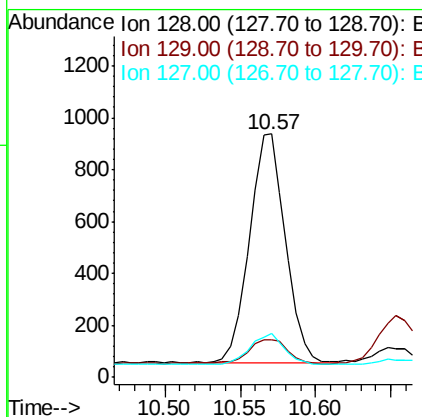
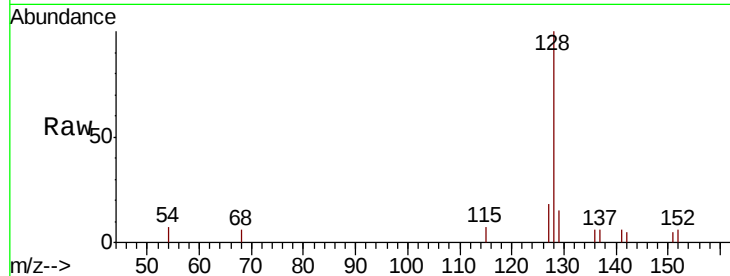
ClientSampled :

C0AE1

Tot Ion:	128	Resp:	1466
Ion	Ratio	Lower	Upper
128	100		
129	15.5	9.8	14.6#
127	17.9	11.0	16.6#

Manual Integrations
APPROVED

Sohil
9/9/2020 3:45:40 PM



#7

Acenaphthylene

Concen: 0.083 ng/ul

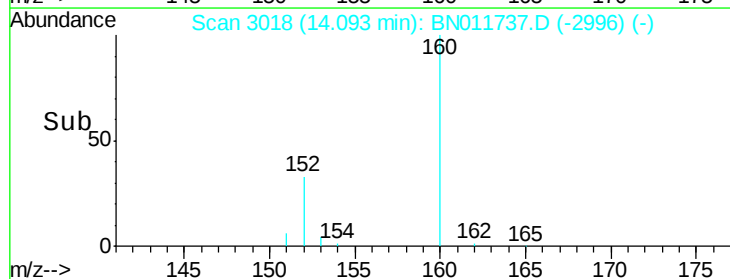
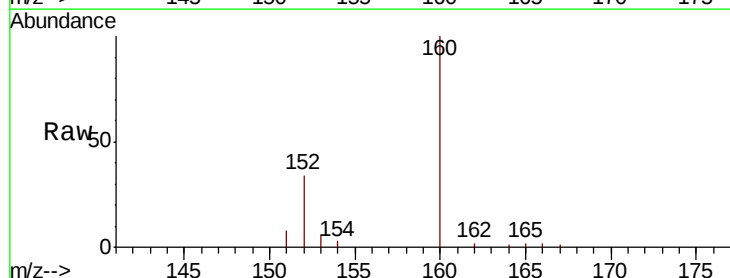
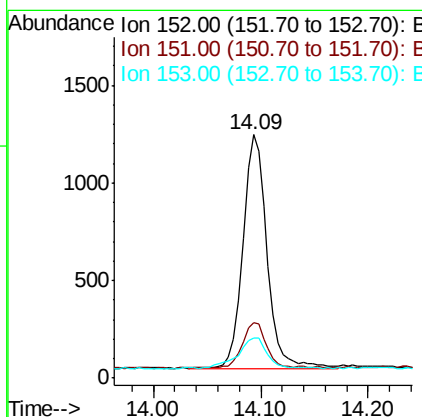
RT: 14.09 min Scan# 3018

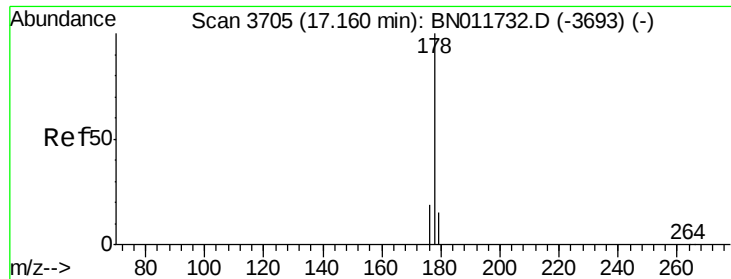
Delta R.T. 0.00 min

Lab File: BN011737.D

Acq: 08 Sep 2020 15:17

Tgt Ion:	152	Resp:	1850
Ion	Ratio	Lower	Upper
152	100		
151	22.8	16.2	24.4
153	16.6	11.4	17.0





#12

Phenanthrene

Concen: 0.036 ng/ul

RT: 17.16 min Scan# 3705

Delta R.T. 0.00 min

Lab File: BN011737.D

Acq: 08 Sep 2020 15:17

Instrument :

BNA_N

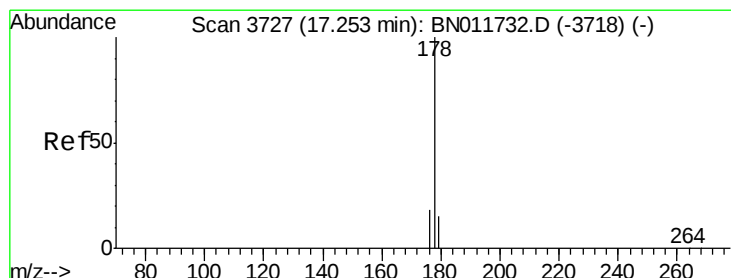
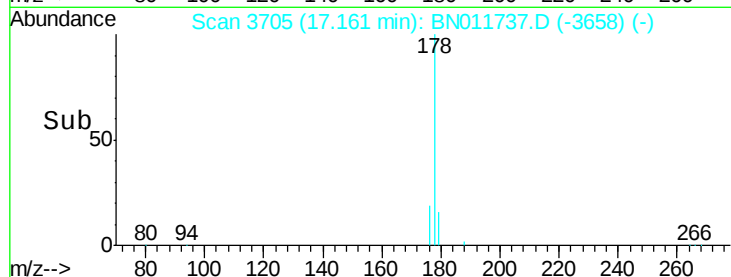
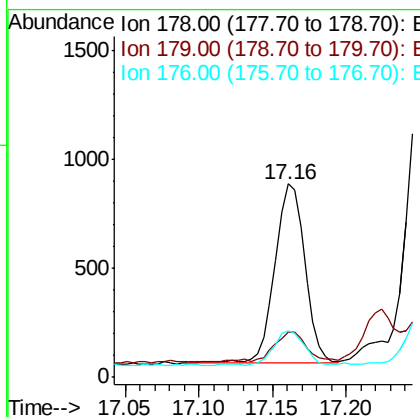
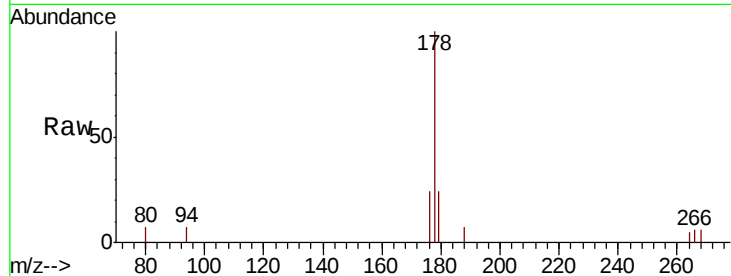
ClientSampleId :

C0AE1

Tot Ion	Ratio	Lower	Upper
178	100		
179	23.6	12.6	19.0#
176	24.3	16.0	24.0#

Manual Integrations
APPROVED

Sohil
9/9/2020 3:45:40 PM



#13

Anthracene

Concen: 0.077 ng/ul

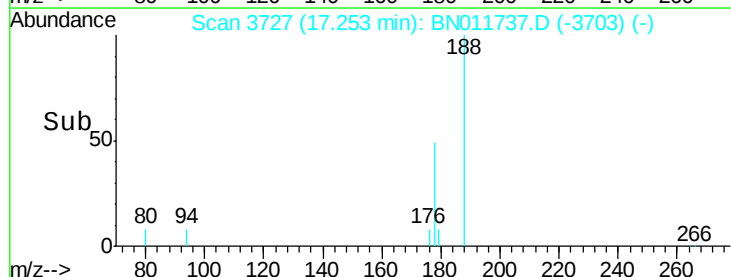
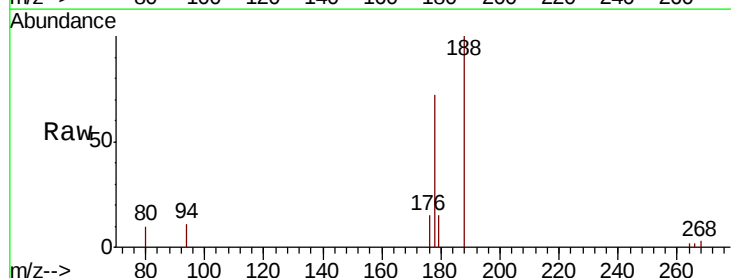
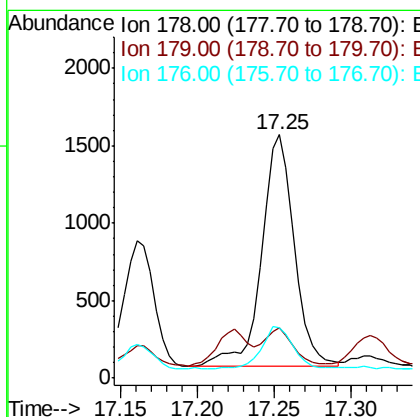
RT: 17.25 min Scan# 3727

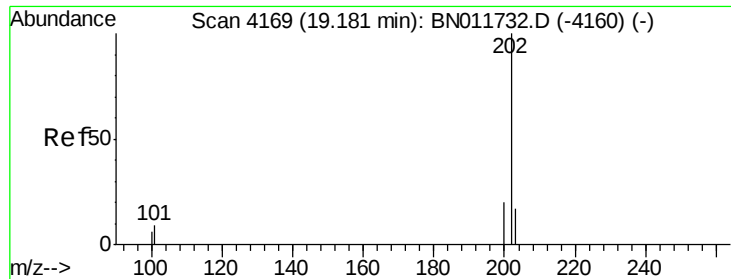
Delta R.T. 0.00 min

Lab File: BN011737.D

Acq: 08 Sep 2020 15:17

Tgt Ion	Ratio	Lower	Upper
178	100		
179	20.5	12.7	19.1#
176	20.7	14.8	22.2





#15

Fluoranthene

Concen: 0.175 ng/ul

RT: 19.18 min Scan# 4169

Delta R.T. 0.00 min

Lab File: BN011737.D

Acq: 08 Sep 2020 15:17

Instrument :

BNA_N

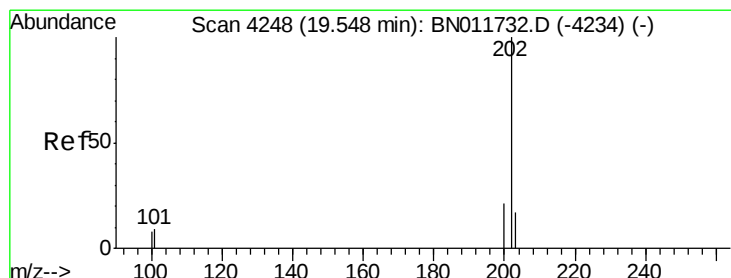
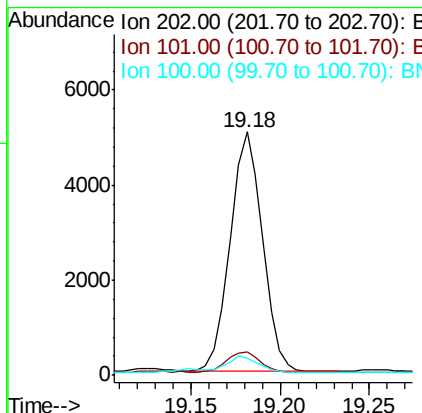
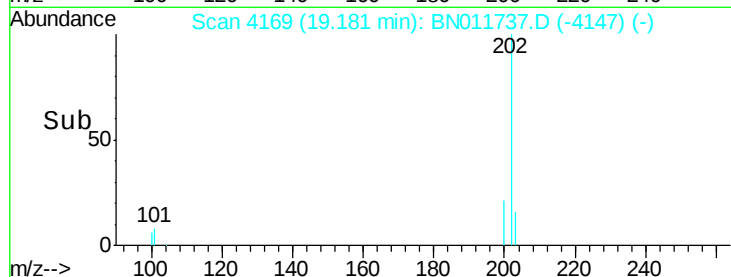
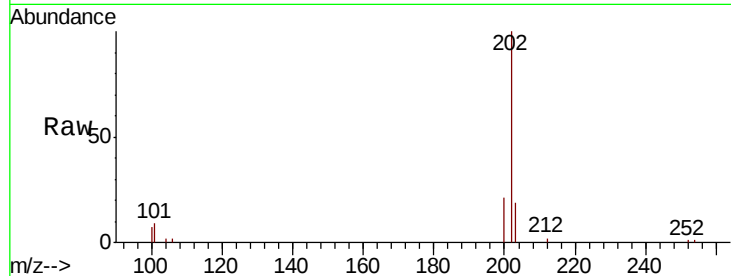
ClientSampleId :

C0AE1

Tot Ion:	202	Resp:	6336
Ion Ratio	Lower	Upper	
202	100		
101	9.5	0.0	29.1
100	7.0	0.0	27.4

Manual Integrations
APPROVED

Sohil
9/9/2020 3:45:40 PM



#17

Pyrene

Concen: 0.705 ng/ul

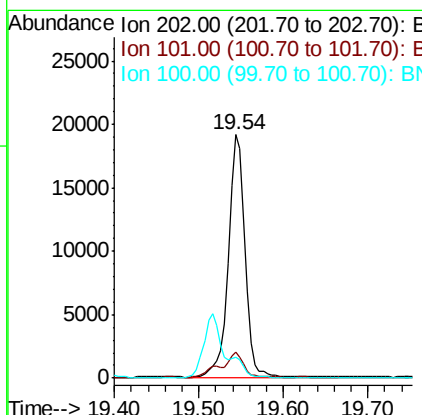
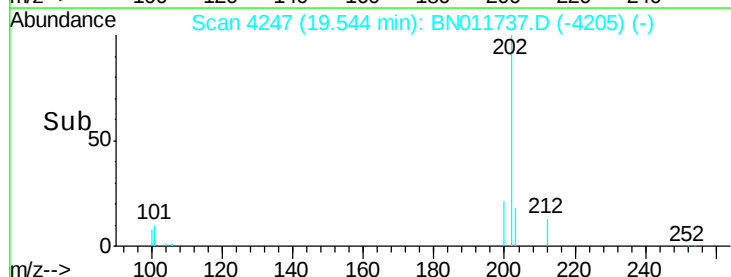
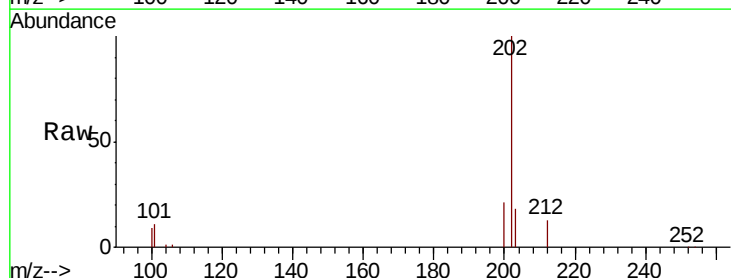
RT: 19.54 min Scan# 4247

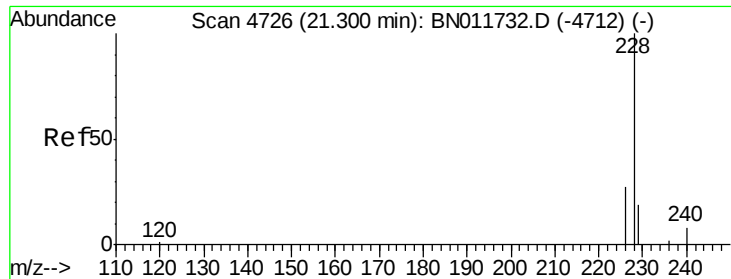
Delta R.T. -0.00 min

Lab File: BN011737.D

Acq: 08 Sep 2020 15:17

Tgt Ion:	202	Resp:	26757
Ion Ratio	Lower	Upper	
202	100		
101	10.6	8.0	12.0
100	8.6	6.5	9.7





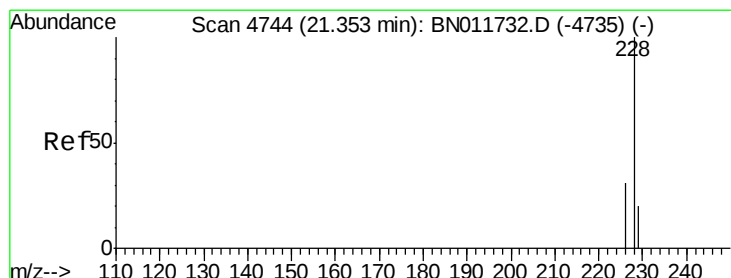
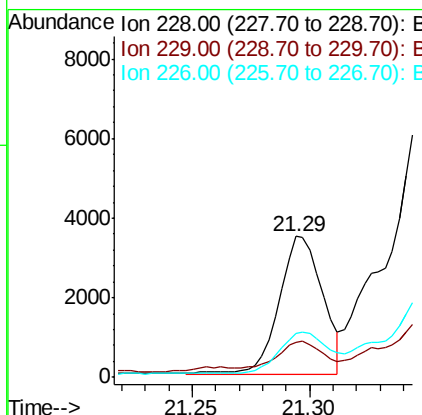
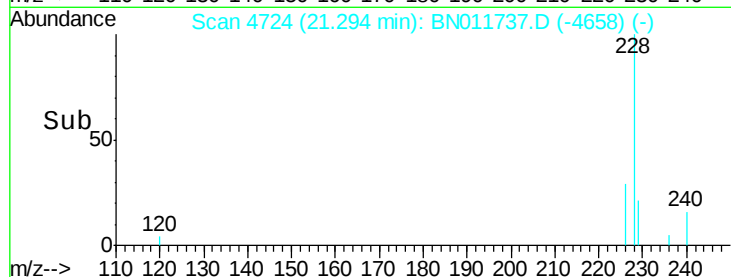
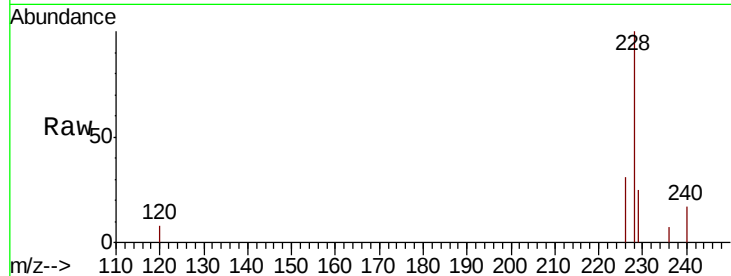
#18
Benzo(a)anthracene
Concen: 0.134 ng/ul m
RT: 21.29 min Scan# 4724
Delta R.T. -0.01 min
Lab File: BN011737.D
Acq: 08 Sep 2020 15:17

Instrument :
BNA_N
ClientSampleId :
C0AE1

Tot Ion	Ratio	Lower	Upper
228	100		
229	24.8	15.9	23.9#
226	31.3	21.9	32.9

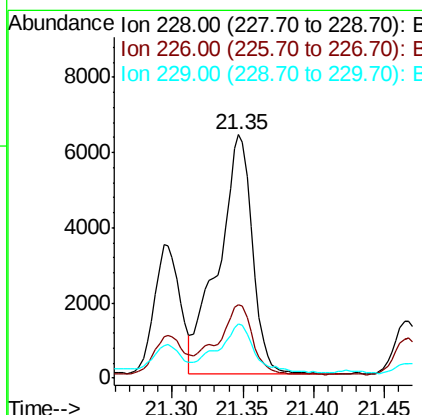
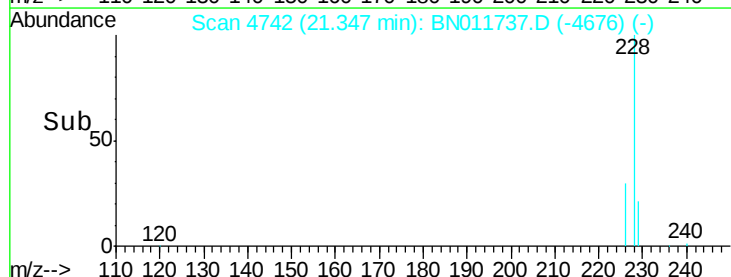
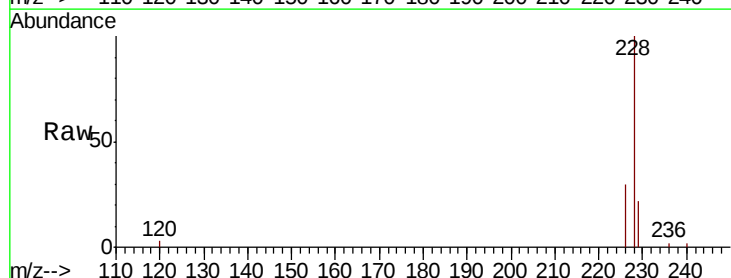
Manual Integrations
APPROVED

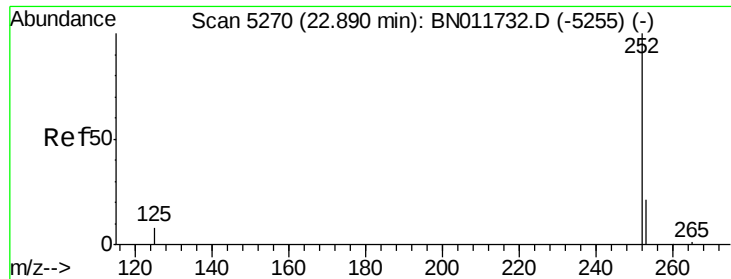
Sohil
9/9/2020 3:45:40 PM



#19
Chrysene
Concen: 0.282 ng/ul
RT: 21.35 min Scan# 4742
Delta R.T. -0.01 min
Lab File: BN011737.D
Acq: 08 Sep 2020 15:17

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.6	37.0
229	22.3	15.9	23.9





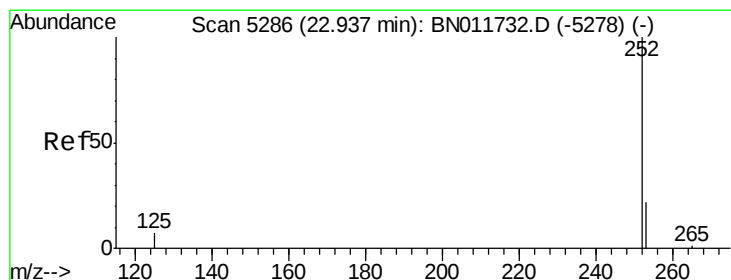
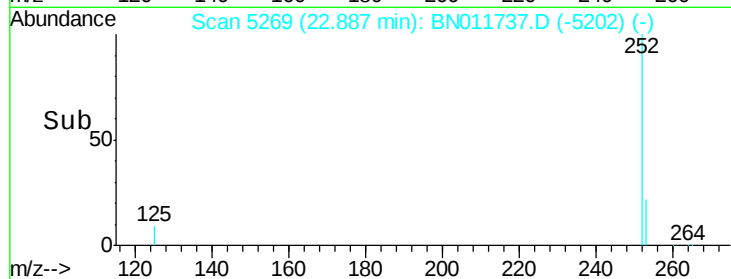
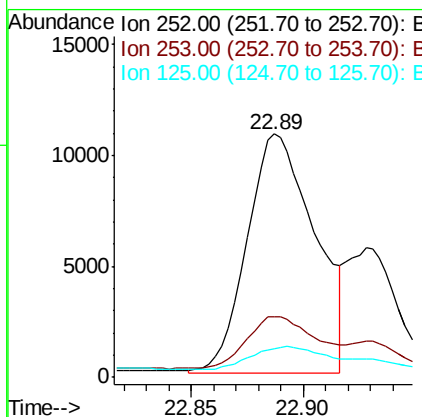
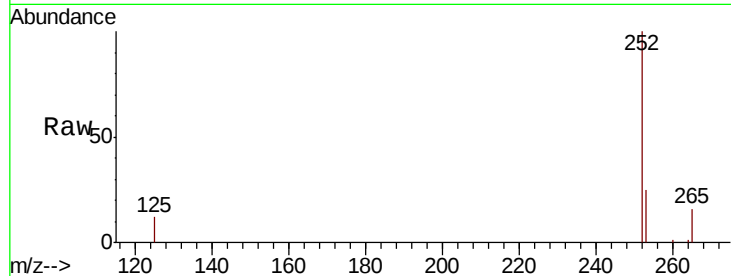
#21
Benzo(b)fluoranthene
Concen: 0.542 ng/ul m
RT: 22.89 min Scan# 5269
Delta R.T. -0.00 min
Lab File: BN011737.D
Acq: 08 Sep 2020 15:17

Instrument :
BNA_N
ClientSampled :
C0AE1

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.0	0.0	50.6
125	11.6	0.0	23.6

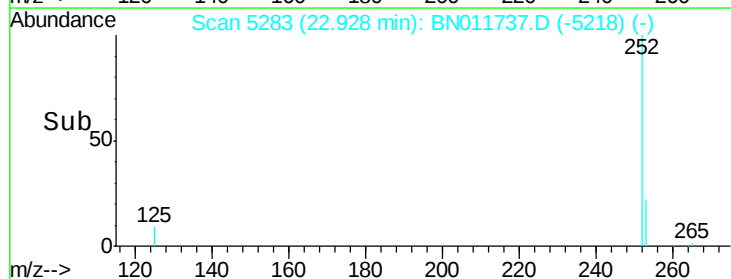
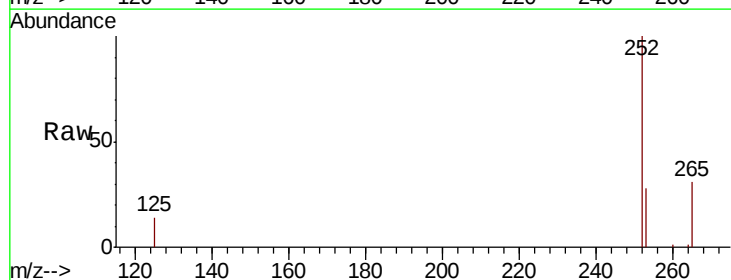
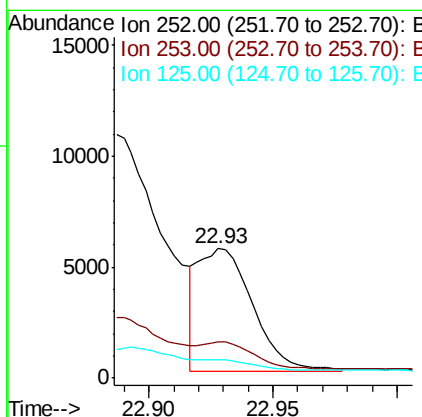
Manual Integrations
APPROVED

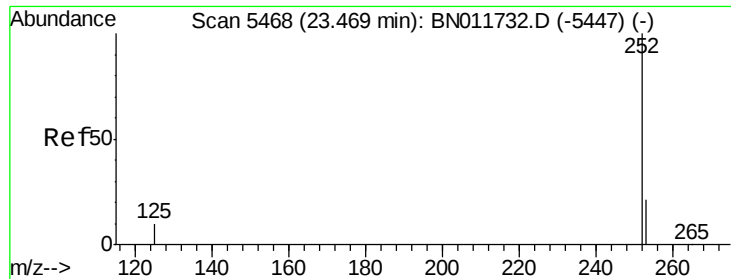
Sohil
9/9/2020 3:45:40 PM



#22
Benzo(k)fluoranthene
Concen: 0.198 ng/ul m
RT: 22.93 min Scan# 5283
Delta R.T. -0.01 min
Lab File: BN011737.D
Acq: 08 Sep 2020 15:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.6	20.7	31.1
125	14.2	9.7	14.5





#23

Benzo(a)pyrene

Concen: 0.360 ng/ul

RT: 23.46 min Scan# 5466

Delta R.T. -0.01 min

Lab File: BN011737.D

Acq: 08 Sep 2020 15:17

Instrument :

BNA_N

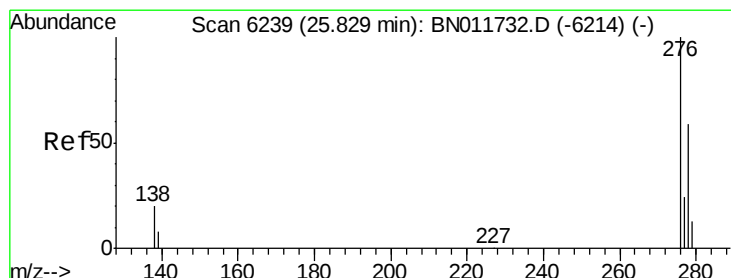
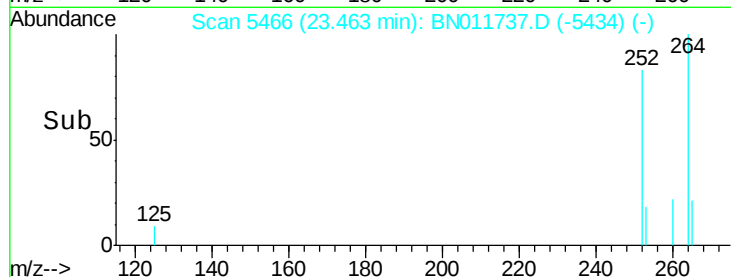
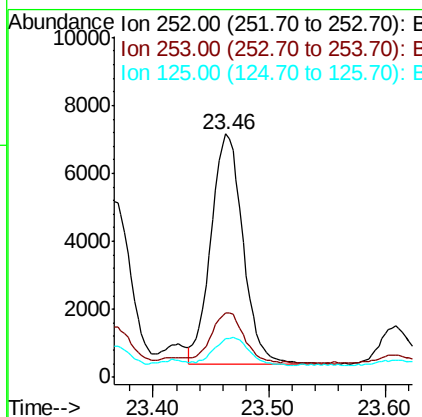
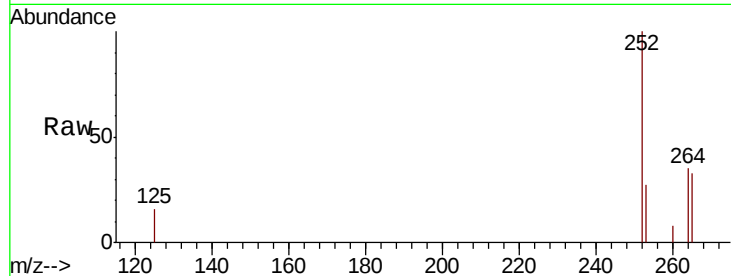
ClientSampled :

C0AE1

Tot Ion:	252	Resp:	13044
Ion Ratio	Lower	Upper	
252	100		
253	26.5	21.6	32.4
125	15.9	12.6	18.8

Manual Integrations
APPROVED

Sohil
9/9/2020 3:45:40 PM



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.168 ng/ul

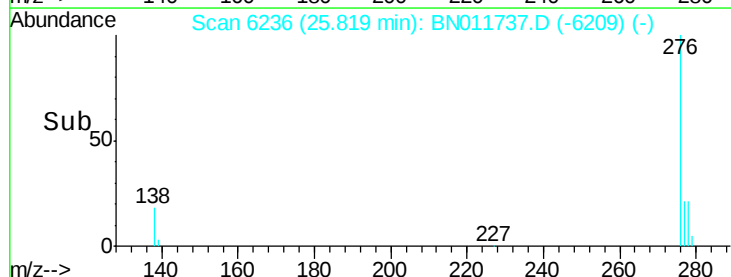
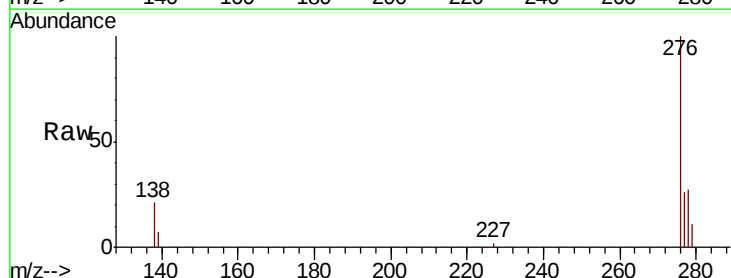
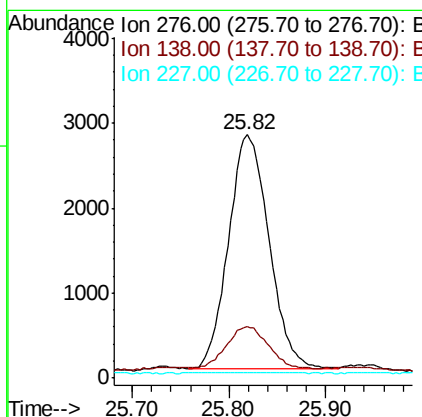
RT: 25.82 min Scan# 6236

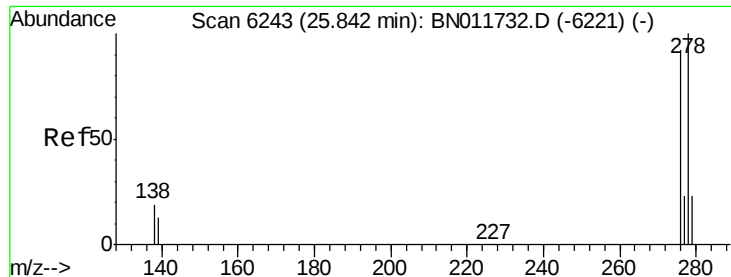
Delta R.T. -0.01 min

Lab File: BN011737.D

Acq: 08 Sep 2020 15:17

Tgt Ion:	276	Resp:	8005
Ion Ratio	Lower	Upper	
276	100		
138	18.6	0.0	0.0#
227	0.0	0.1	0.1#





#25

Dibenzo(a,h)anthracene

Concen: 0.066 ng/ul

RT: 25.83 min Scan# 6240

Delta R.T. -0.01 min

Lab File: BN011737.D

Acq: 08 Sep 2020 15:17

Instrument :

BNA_N

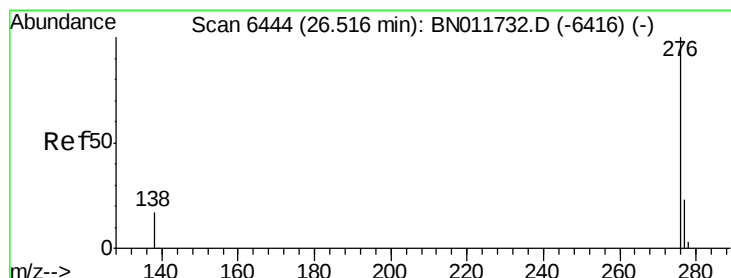
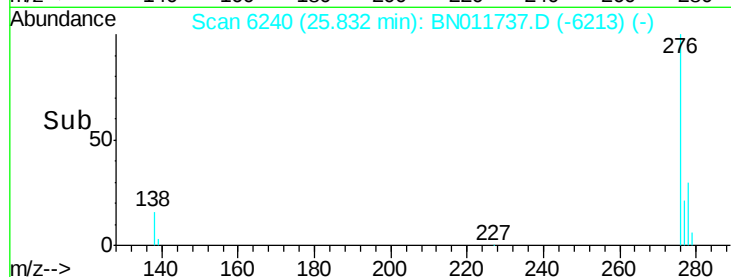
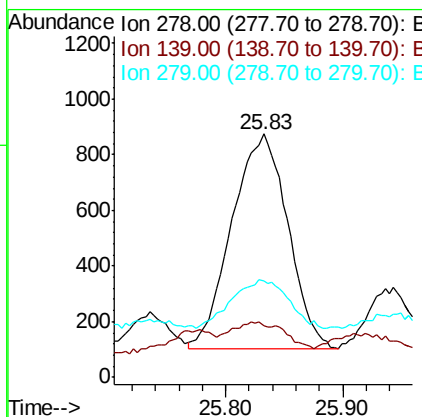
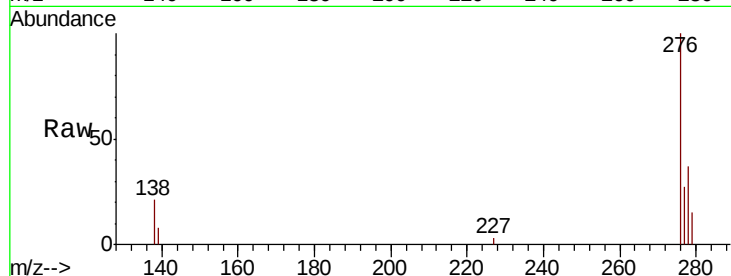
ClientSampled :

C0AE1

Tot Ion:278	Resp:	2548
Ion Ratio	Lower	Upper
278	100	
139	21.4	12.4 18.6#
279	39.8	21.8 32.6#

Manual Integrations
APPROVED

Sohil
9/9/2020 3:45:40 PM



#26

Benzo(g,h,i)perylene

Concen: 0.145 ng/ul

RT: 26.51 min Scan# 6442

Delta R.T. -0.01 min

Lab File: BN011737.D

Acq: 08 Sep 2020 15:17

Tgt Ion:276	Resp:	6034
Ion Ratio	Lower	Upper
276	100	
138	21.5	14.7 22.1
277	26.5	19.5 29.3

