

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101118\
 Data File : BN003084.D
 Acq On : 11 Oct 2018 02:58
 Operator : MJ/SJ
 Sample : J5295-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A3YZ6

Manual Integrations
 APPROVED

Sohil
 10/11/2018 5:46:03 PM

Quant Time: Oct 11 08:43:59 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 11 08:10:30 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	1437	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.39	136	5563	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.26	164	2880	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.01	188	5269m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.23	240	4284m	0.40	ng/ul	0.00
20) Perylene-d12	23.44	264	4039m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	3047	0.35	ng/ul	-0.02
14) Fluoranthene-d10	19.06	212	5303m	0.35	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.44	128	766	0.054	ng/ul#	75
5) 2-Methylnaphthalene	12.08	142	2312	0.235	ng/ul	97
12) Phenanthrene	17.06	178	4991	0.340	ng/ul	97
13) Anthracene	17.15	178	1072m	0.077	ng/ul	
15) Fluoranthene	19.09	202	6627m	0.385	ng/ul	
17) Pyrene	19.45	202	5542m	0.333	ng/ul	
18) Benzo(a)anthracene	21.22	228	3013	0.219	ng/ul#	90
19) Chrysene	21.27	228	2699	0.193	ng/ul#	90
21) Benzo(b)fluoranthene	22.78	252	4173m	0.287	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	1644m	0.109	ng/ul	
23) Benzo(a)pyrene	23.34	252	2887	0.221	ng/ul#	54
24) Indeno(1,2,3-cd)pyrene	25.67	276	2463	0.164	ng/ul#	92
25) Dibenzo(a,h)anthracene	25.67	278	693	0.058	ng/ul#	9
26) Benzo(g,h,i)perylene	26.35	276	2370	0.188	ng/ul#	83

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

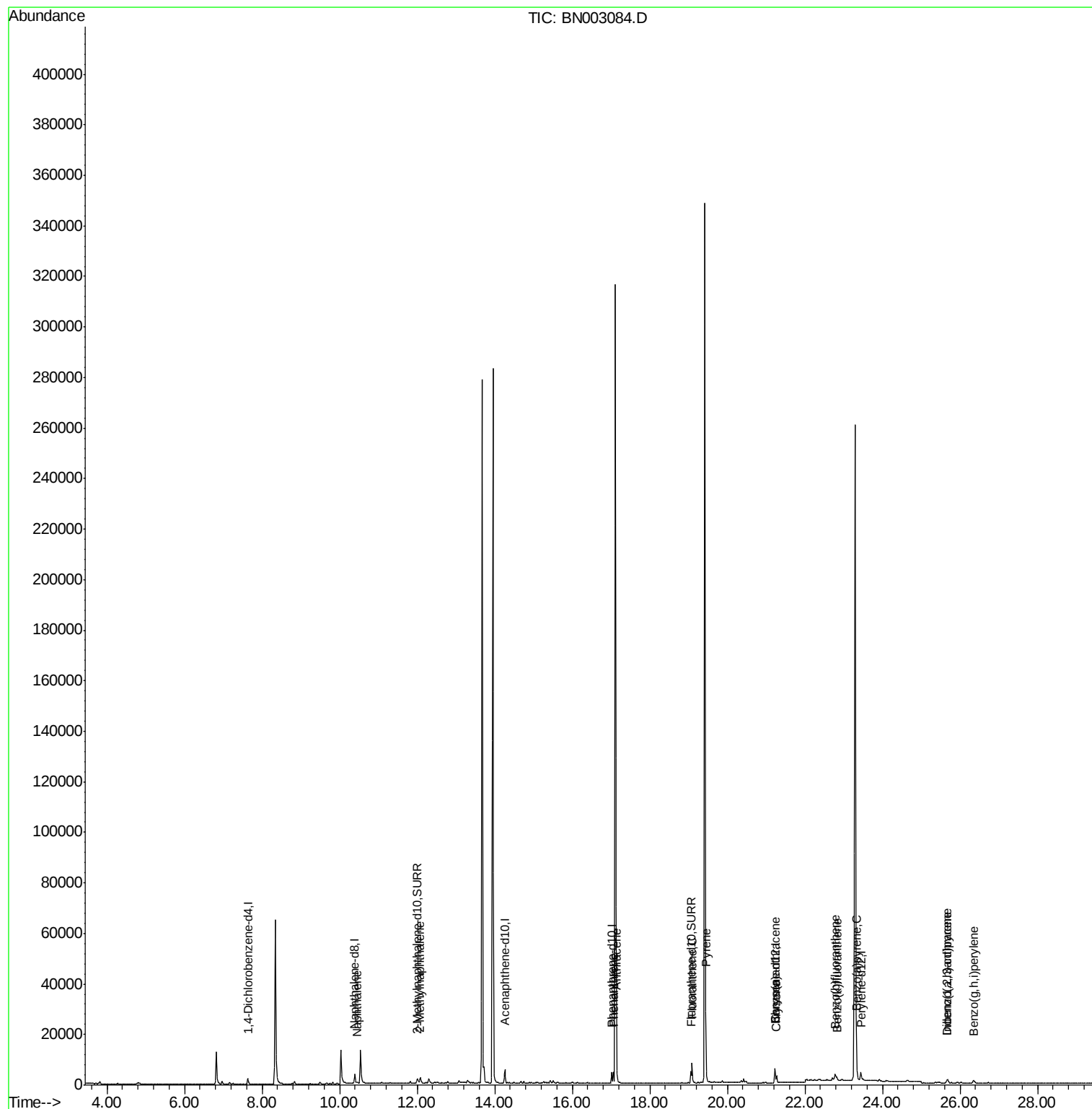
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101118\
Data File : BN003084.D
Acq On : 11 Oct 2018 02:58
Operator : MJ/SJ
Sample : J5295-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

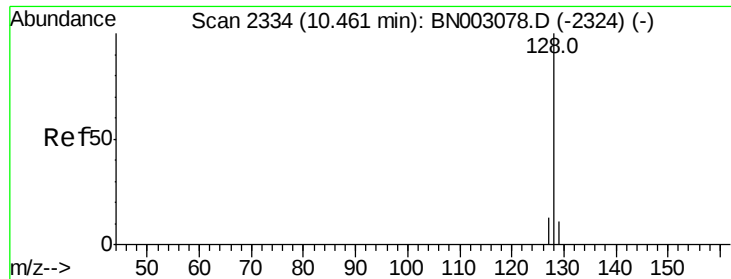
Instrument :
BNA_N
ClientSampleId :
A3YZ6

Manual Integrations
APPROVED

Sohil
10/11/2018 5:46:03 PM

Quant Time: Oct 11 08:43:59 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 11 08:10:30 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.054 ng/ul

RT: 10.44 min Scan# 2331

Delta R.T. -0.02 min

Lab File: BN003084.D

Acq: 11 Oct 2018 02:58

Instrument :

BNA_N

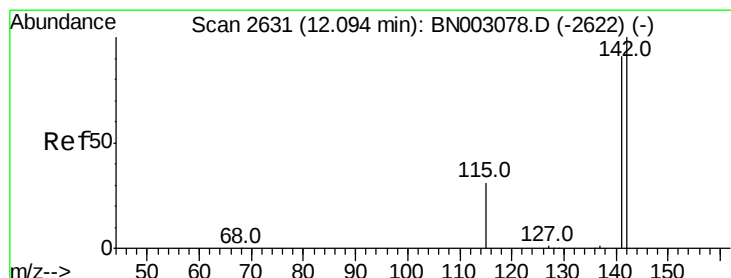
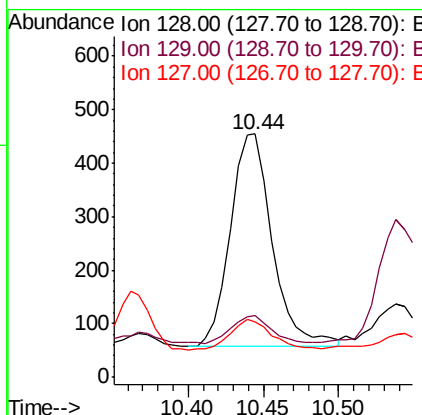
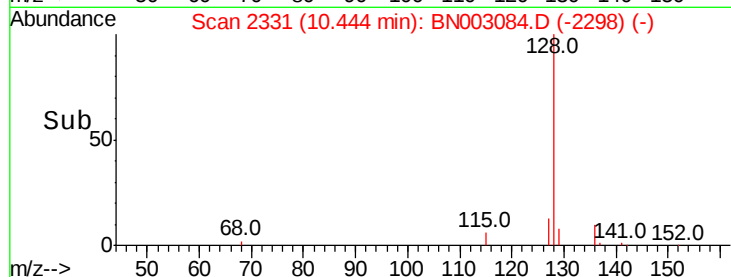
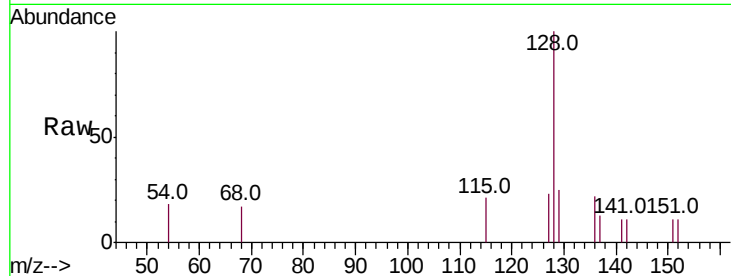
ClientSampled :

A3YZ6

Tot Ion:	128	Resp:	766
Ion	Ratio	Lower	Upper
128	100		
129	25.3	10.4	15.6#
127	22.6	11.7	17.5#

Manual Integrations
APPROVED

Sohil
10/11/2018 5:46:03 PM



#5

2-Methylnaphthalene

Concen: 0.235 ng/ul

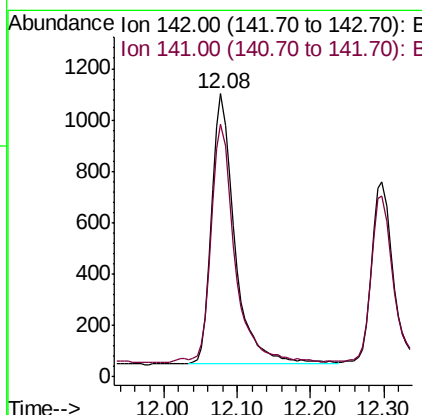
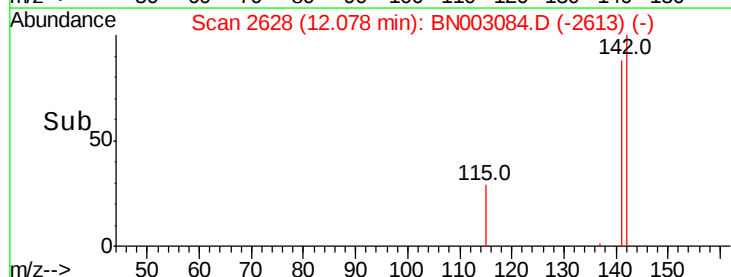
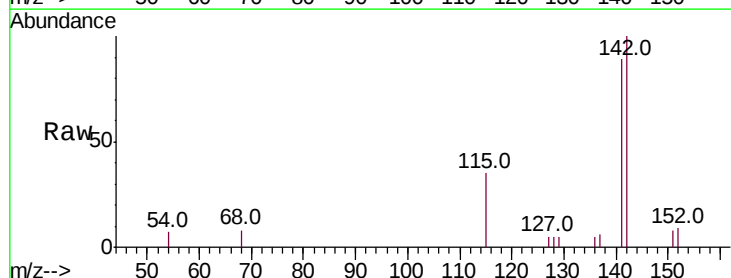
RT: 12.08 min Scan# 2628

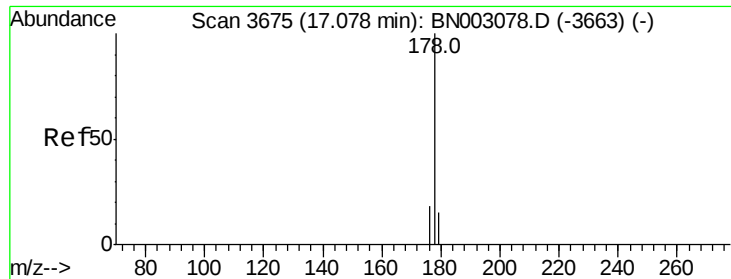
Delta R.T. -0.02 min

Lab File: BN003084.D

Acq: 11 Oct 2018 02:58

Tgt Ion:	142	Resp:	2312
Ion	Ratio	Lower	Upper
142	100		
141	88.4	73.4	110.0





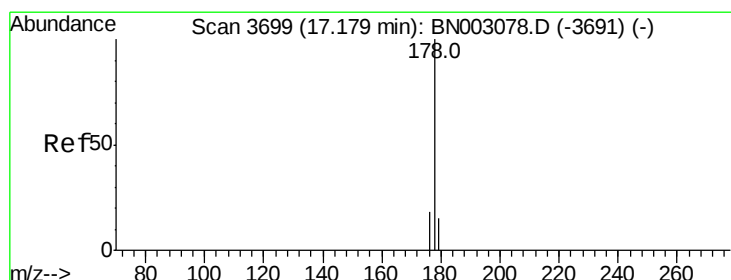
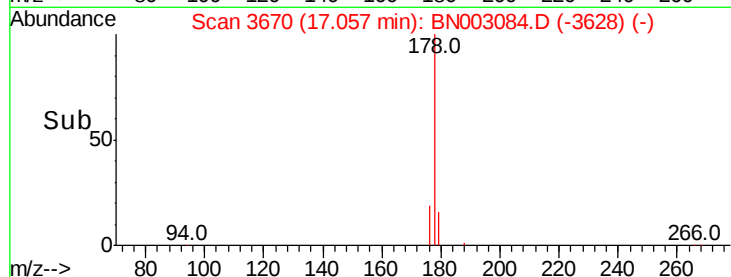
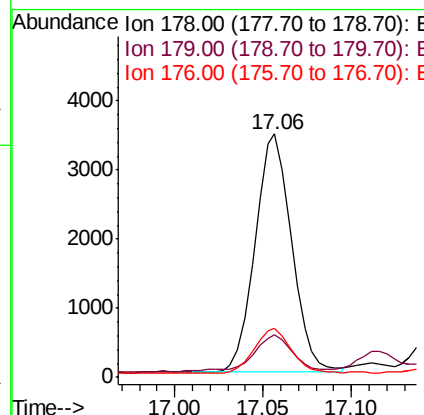
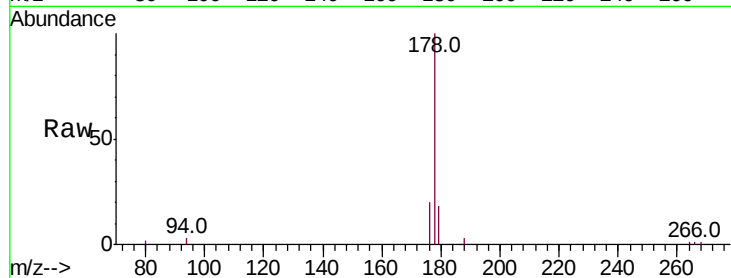
#12
Phenanthrene
Concen: 0.340 ng/ul
RT: 17.06 min Scan# 3670
Delta R.T. -0.02 min
Lab File: BN003084.D
Acq: 11 Oct 2018 02:58

Instrument :
BNA_N
ClientSampleId :
A3YZ6

Tot Ion	Ratio	Lower	Upper
178	100		
179	17.6	12.9	19.3
176	20.2	15.4	23.2

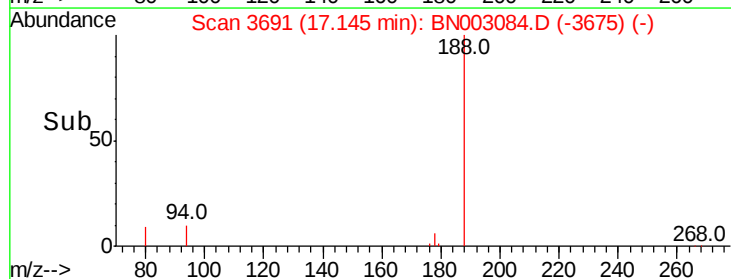
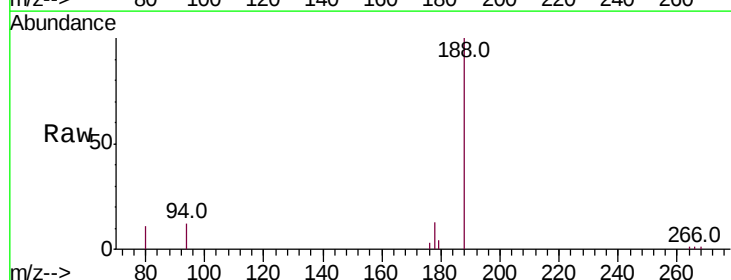
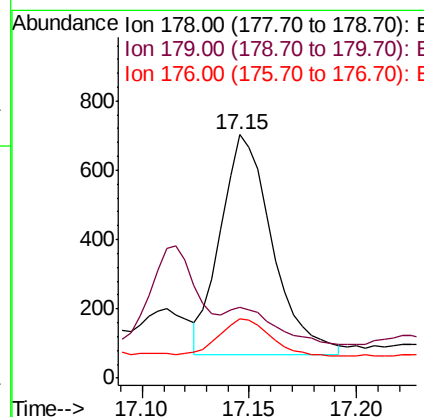
Manual Integrations
APPROVED

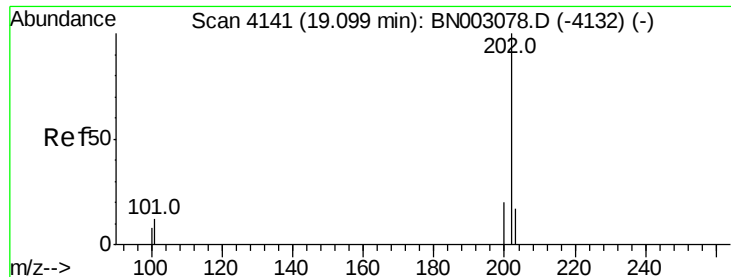
Sohil
10/11/2018 5:46:03 PM



#13
Anthracene
Concen: 0.077 ng/ul m
RT: 17.15 min Scan# 3691
Delta R.T. -0.03 min
Lab File: BN003084.D
Acq: 11 Oct 2018 02:58

Tgt Ion	Ratio	Lower	Upper
178	100		
179	29.0	13.0	19.6#
176	24.3	15.3	22.9#





#15

Fluoranthene

Concen: 0.385 ng/ul m

RT: 19.09 min Scan# 4138

Delta R.T. -0.01 min

Lab File: BN003084.D

Acq: 11 Oct 2018 02:58

Instrument :

BNA_N

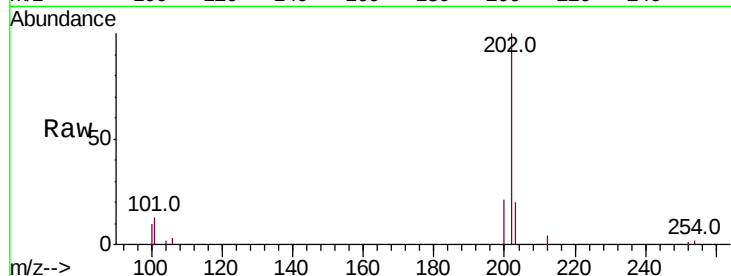
ClientSampleId :

A3YZ6

Tot Ion:	202	Resp:	6627
Ion Ratio	Lower	Upper	
202	100		
101	12.7	0.0	32.3
100	9.6	0.0	29.1

Manual Integrations
APPROVED

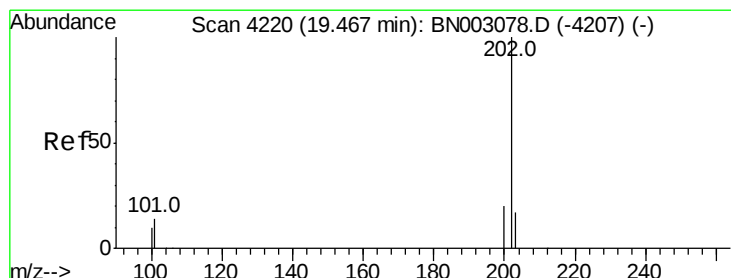
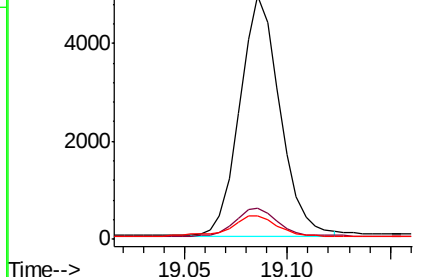
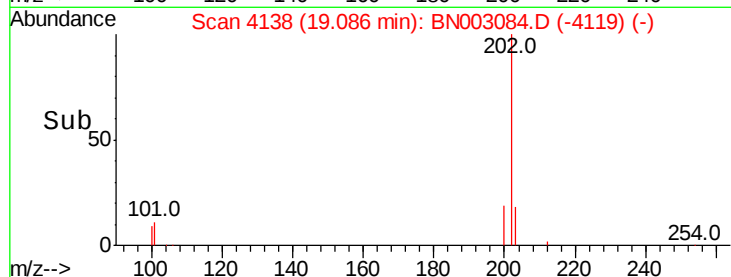
Sohil
10/11/2018 5:46:03 PM



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



#17

Pyrene

Concen: 0.333 ng/ul m

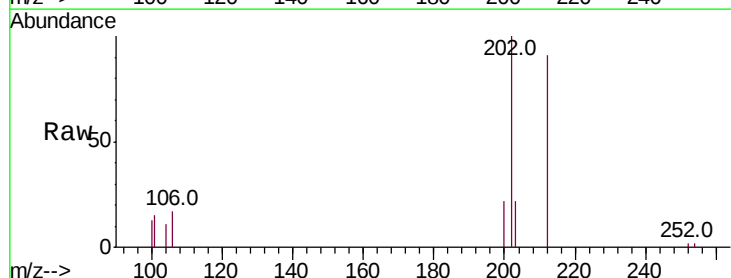
RT: 19.45 min Scan# 4216

Delta R.T. -0.02 min

Lab File: BN003084.D

Acq: 11 Oct 2018 02:58

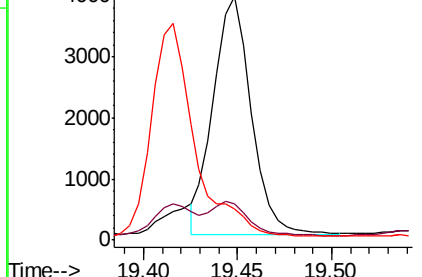
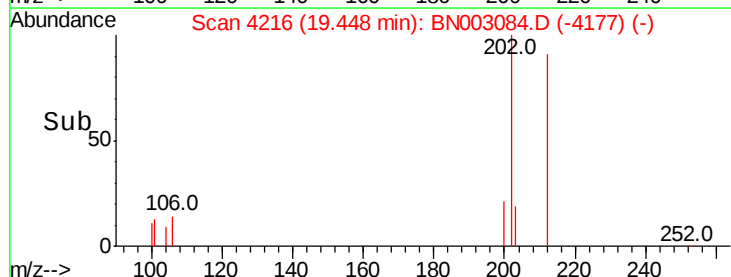
Tgt Ion:	202	Resp:	5542
Ion Ratio	Lower	Upper	
202	100		
101	14.9	11.9	17.9
100	12.7	9.9	14.9

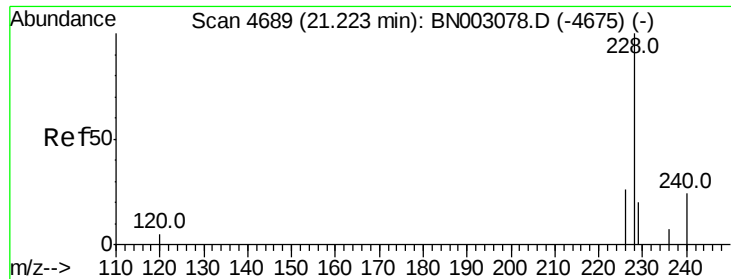


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





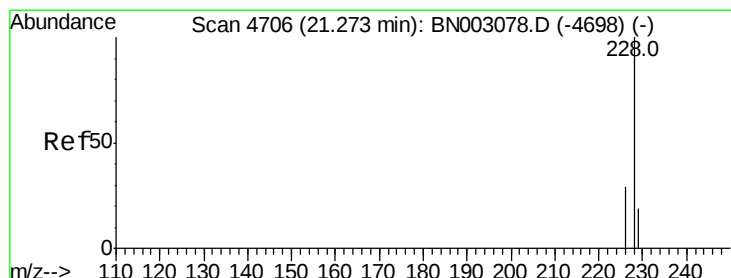
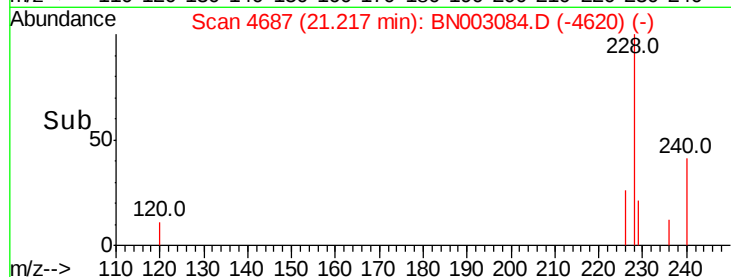
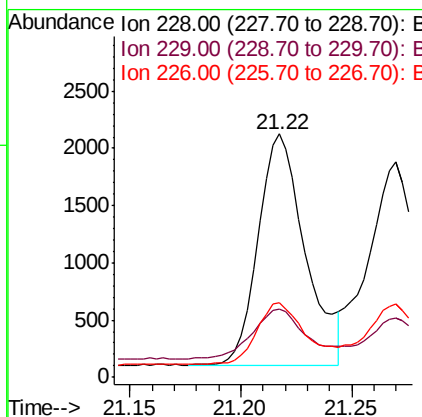
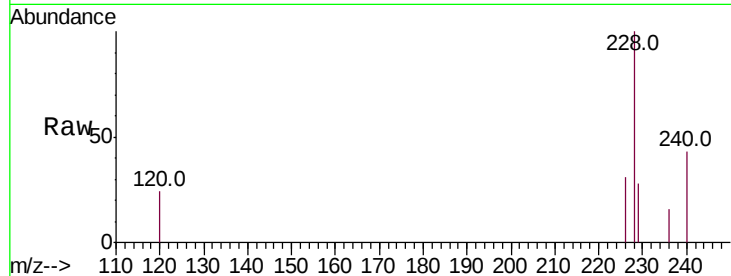
#18
Benzo(a)anthracene
Concen: 0.219 ng/ul
RT: 21.22 min Scan# 4687
Delta R.T. -0.01 min
Lab File: BN003084.D
Acq: 11 Oct 2018 02:58

Instrument :
BNA_N
ClientSampleId :
A3YZ6

Tot Ion	Ratio	Lower	Upper
228	100		
229	27.9	16.2	24.2#
226	30.7	22.3	33.5

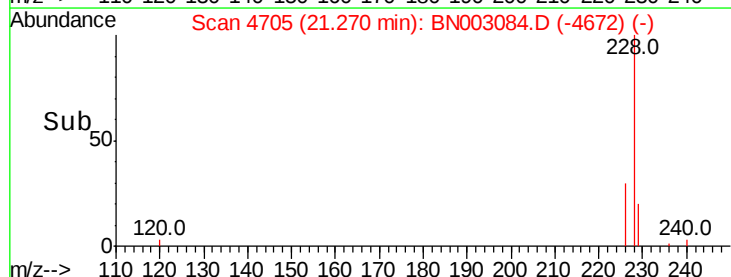
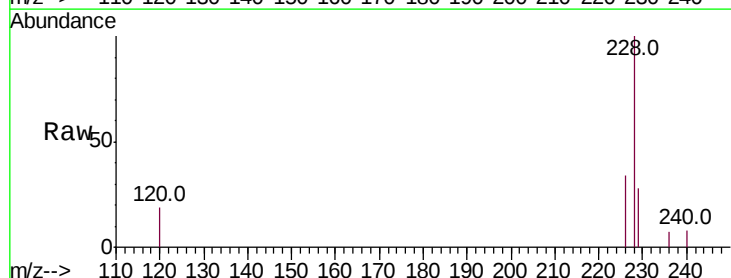
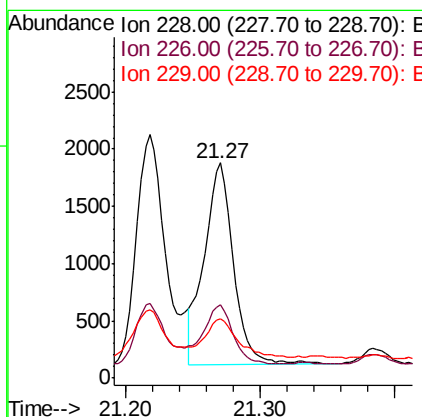
Manual Integrations
APPROVED

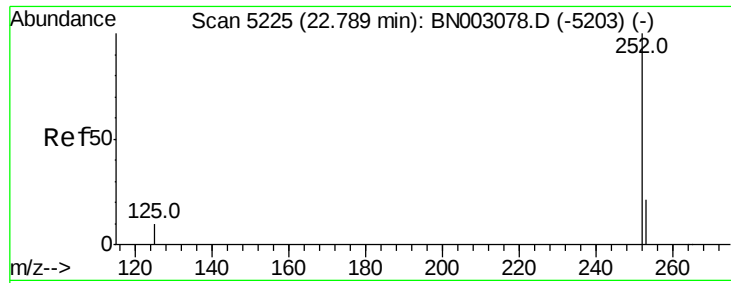
Sohil
10/11/2018 5:46:03 PM



#19
Chrysene
Concen: 0.193 ng/ul
RT: 21.27 min Scan# 4705
Delta R.T. -0.00 min
Lab File: BN003084.D
Acq: 11 Oct 2018 02:58

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.9	24.2	36.4
229	27.7	16.7	25.1#





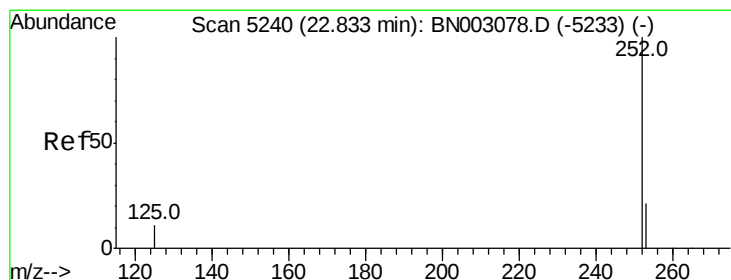
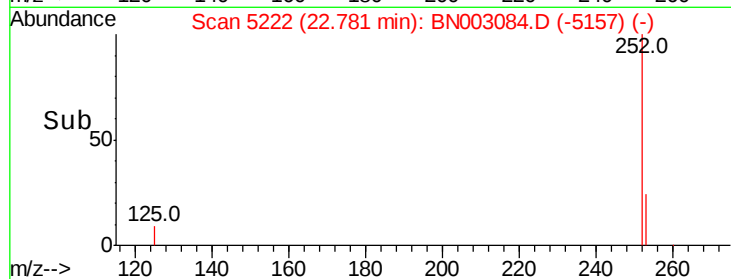
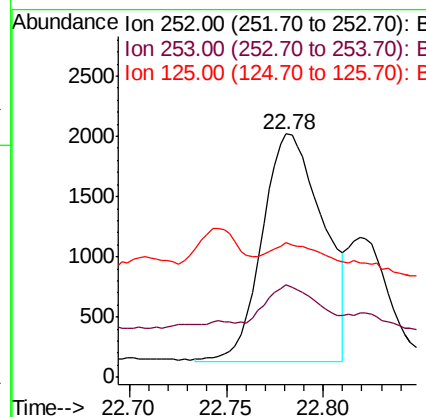
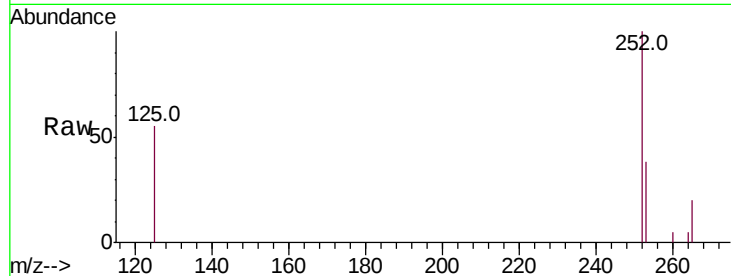
#21
Benzo(b)fluoranthene
Concen: 0.287 ng/ul m
RT: 22.78 min Scan# 5222
Delta R.T. -0.01 min
Lab File: BN003084.D
Acq: 11 Oct 2018 02:58

Instrument :
BNA_N
ClientSampled :
A3YZ6

Tot Ion:252 Resp: 4173
Ion Ratio Lower Upper
252 100
253 37.8 0.0 53.2
125 55.3 0.0 34.2#

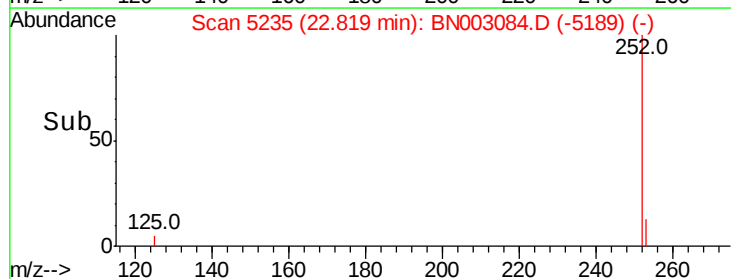
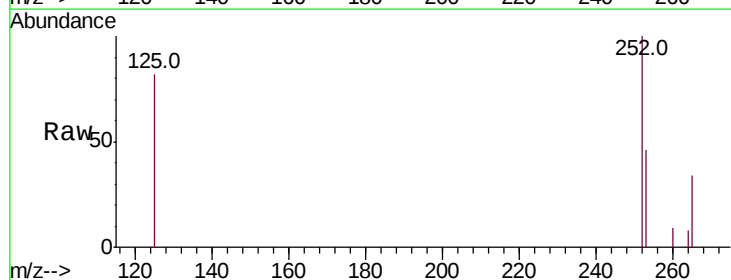
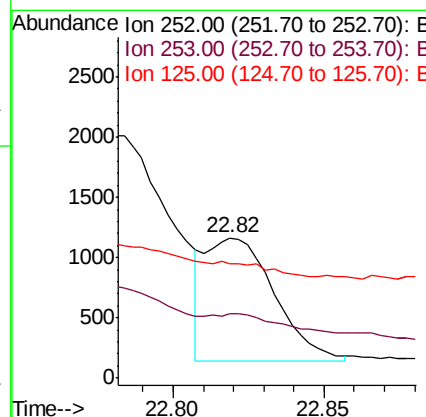
Manual Integrations
APPROVED

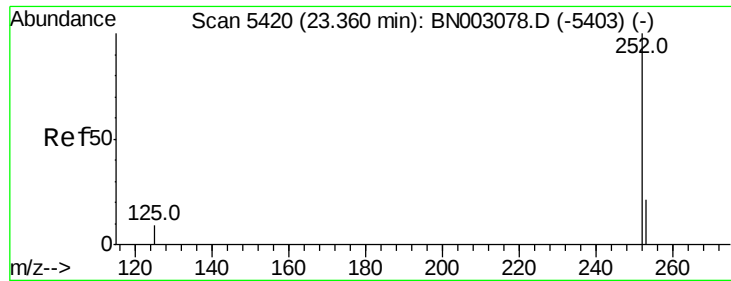
Sohil
10/11/2018 5:46:03 PM



#22
Benzo(k)fluoranthene
Concen: 0.109 ng/ul m
RT: 22.82 min Scan# 5235
Delta R.T. -0.01 min
Lab File: BN003084.D
Acq: 11 Oct 2018 02:58

Tgt Ion:252 Resp: 1644
Ion Ratio Lower Upper
252 100
253 46.1 21.3 31.9#
125 81.5 14.1 21.1#





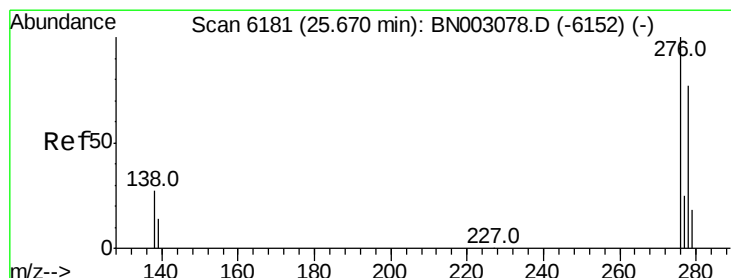
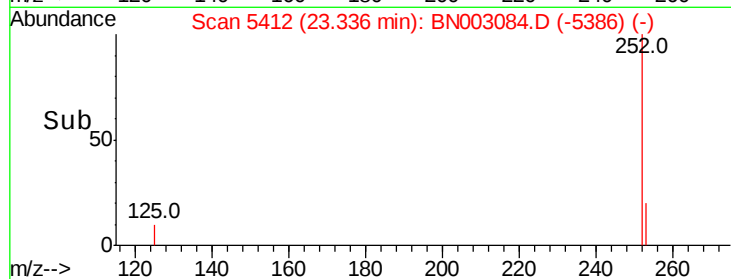
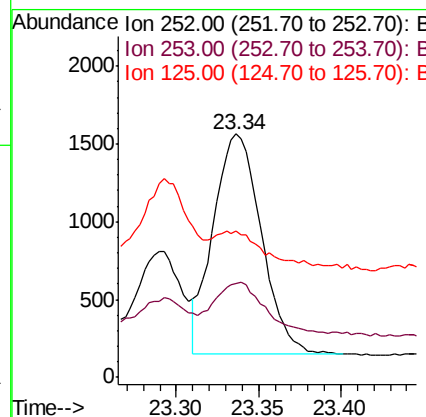
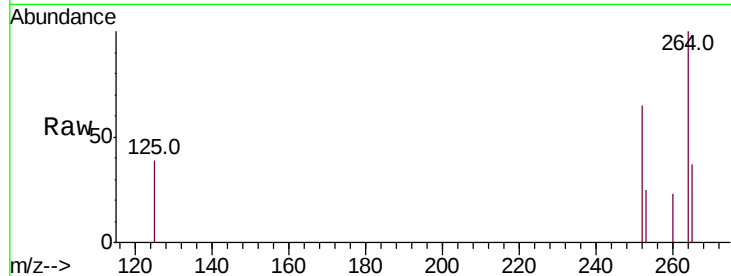
#23
Benzo(a)pyrene
Concen: 0.221 ng/ul
RT: 23.34 min Scan# 5412
Delta R.T. -0.02 min
Lab File: BN003084.D
Acq: 11 Oct 2018 02:58

Instrument :
BNA_N
ClientSampleId :
A3YZ6

Tot Ion:	252	Resp:	2887
Ion Ratio	Lower	Upper	
252	100		
253	38.5	23.1	34.7#
125	60.2	16.9	25.3#

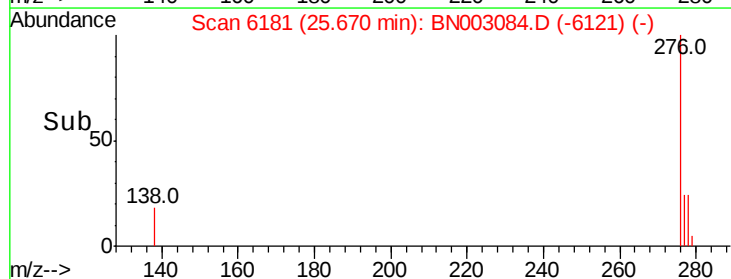
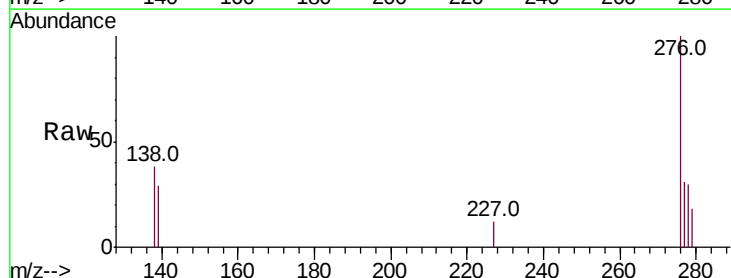
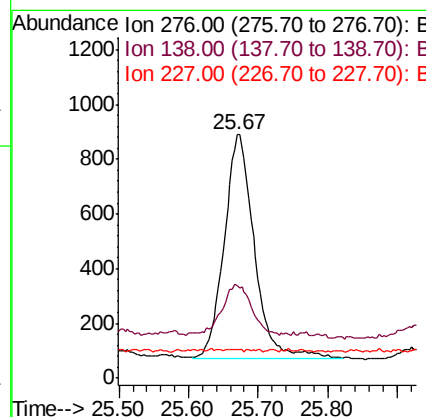
Manual Integrations
APPROVED

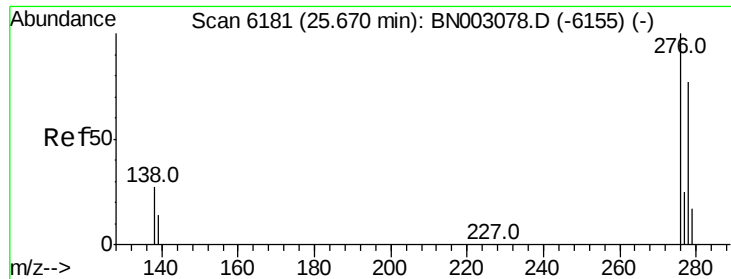
Sohil
10/11/2018 5:46:03 PM



#24
Indeno(1,2,3-cd)pyrene
Concen: 0.164 ng/ul
RT: 25.67 min Scan# 6181
Delta R.T. 0.00 min
Lab File: BN003084.D
Acq: 11 Oct 2018 02:58

Tgt Ion:	276	Resp:	2463
Ion Ratio	Lower	Upper	
276	100		
138	22.6	21.5	32.3
227	0.2	0.3	0.5#





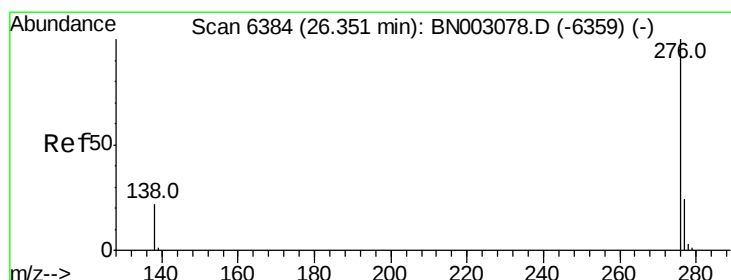
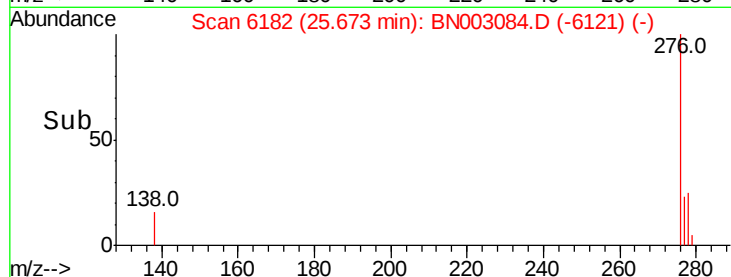
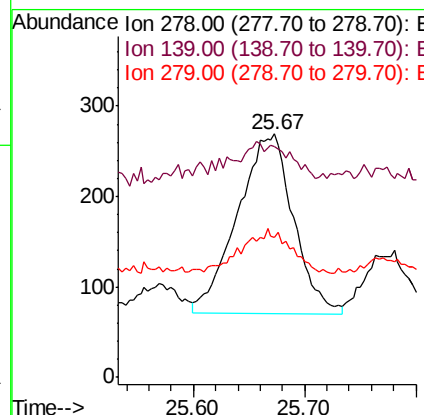
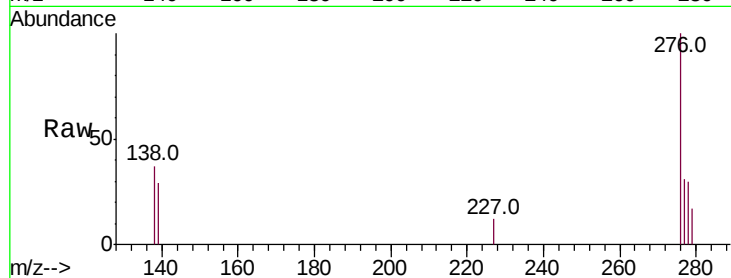
#25
Dibenzo(a,h)anthracene
Concen: 0.058 ng/u1
RT: 25.67 min Scan# 6182
Delta R.T. 0.00 min
Lab File: BN003084.D
Acq: 11 Oct 2018 02:58

Instrument :
BNA_N
ClientSampled :
A3YZ6

Tot Ion	Ratio	Lower	Upper
278	100		
139	95.2	20.2	30.4#
279	57.6	23.8	35.8#

Manual Integrations
APPROVED

Sohil
10/11/2018 5:46:03 PM



#26
Benzo(g,h,i)perylene
Concen: 0.188 ng/u1
RT: 26.35 min Scan# 6383
Delta R.T. -0.00 min
Lab File: BN003084.D
Acq: 11 Oct 2018 02:58

Tgt Ion	Ratio	Lower	Upper
276	100		
138	41.2	23.0	34.4#
277	32.6	22.0	33.0

