

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110118\
 Data File : BN003389.D
 Acq On : 01 Nov 2018 21:20
 Operator : MJ/SJ
 Sample : J5635-29MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A40H7MSD

Manual Integrations
 APPROVED

Sohil
 11/2/2018 4:14:12 PM

Quant Time: Nov 02 05:19:39 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN110118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 02 04:49:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	11270	0.40	ng/ul	0.00
2) Naphthalene-d8	10.65	136	47397	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.49	164	26820	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.23	188	65487	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	64545	0.40	ng/ul	0.00
20) Perylene-d12	23.72	264	55853	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.24	152	21049	0.28	ng/ul	0.00
14) Fluoranthene-d10	19.25	212	55988	0.30	ng/ul	0.00
Target Compounds				Ovalue		
8) Acenaphthene	14.55	153	29392	0.282	ng/ul	98
11) Pentachlorophenol	16.87	266	2860	0.218	ng/ul	99
12) Phenanthrene	17.27	178	49471	0.230	ng/ul	99
13) Anthracene	17.36	178	5843m	0.033	ng/ul	
15) Fluoranthene	19.29	202	135678	0.562	ng/ul	97
17) Pyrene	19.65	202	183947	0.783	ng/ul	100
18) Benzo(a)anthracene	21.39	228	53544	0.265	ng/ul	97
19) Chrysene	21.45	228	67198	0.292	ng/ul	97
21) Benzo(b)fluoranthene	23.02	252	82911m	0.345	ng/ul	
22) Benzo(k)fluoranthene	23.06	252	31677m	0.136	ng/ul	
23) Benzo(a)pyrene	23.62	252	51382	0.256	ng/ul#	92
24) Indeno(1,2,3-cd)pyrene	26.08	276	33269	0.155	ng/ul#	99
25) Dibenzo(a,h)anthracene	26.09	278	7885	0.045	ng/ul#	27
26) Benzo(g,h,i)perylene	26.81	276	24989m	0.135	ng/ul	

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

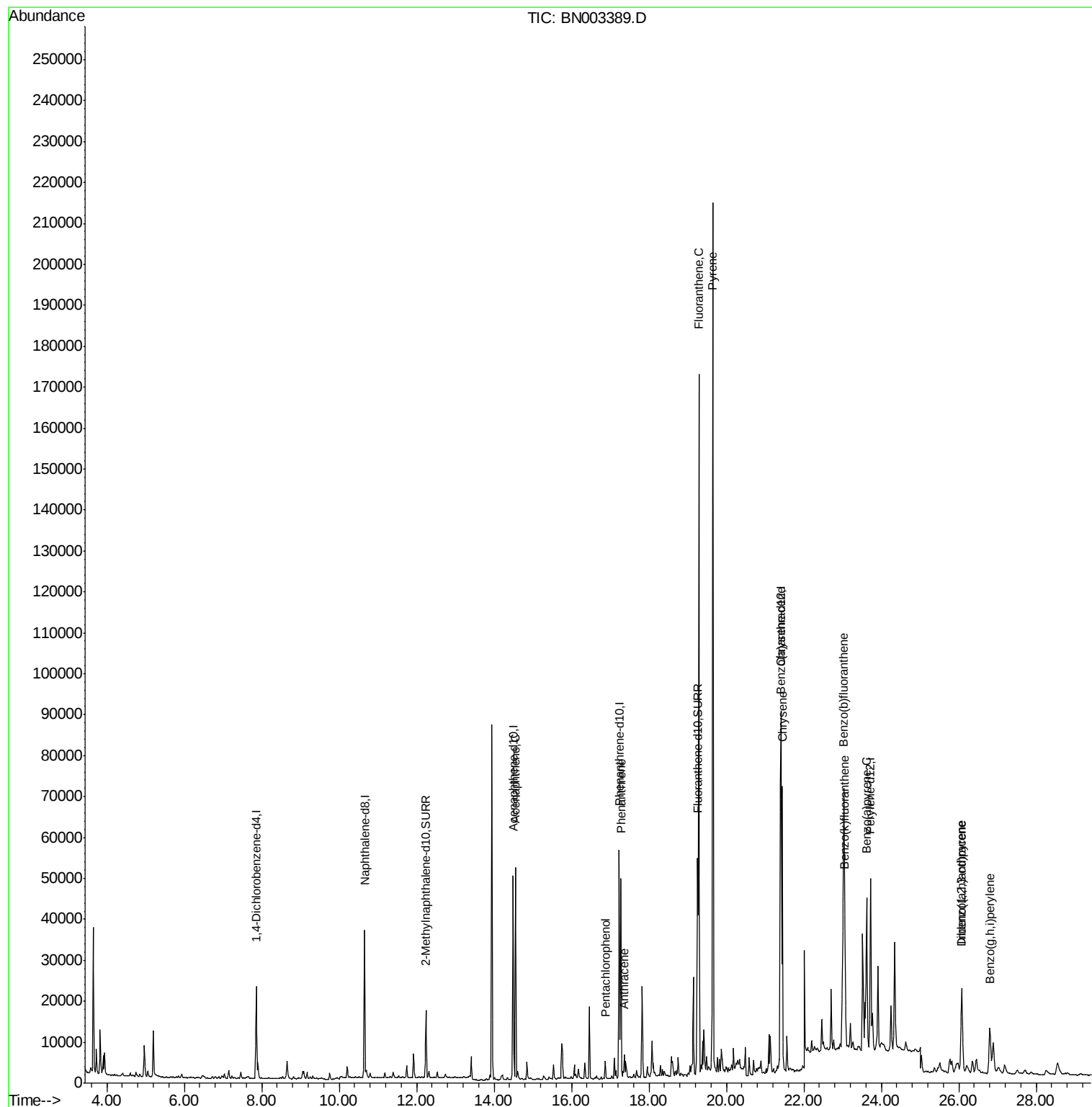
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110118\
Data File : BN003389.D
Acq On : 01 Nov 2018 21:20
Operator : MJ/SJ
Sample : J5635-29MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

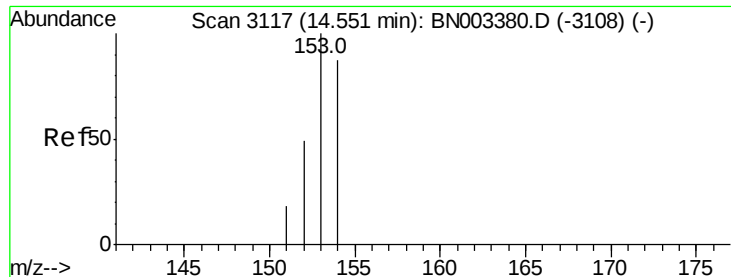
Instrument :
BNA_N
ClientSampleId :
A40H7MSD

Manual Integrations
APPROVED

Sohil
11/2/2018 4:14:12 PM

Quant Time: Nov 02 05:19:39 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN110118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 02 04:49:17 2018
Response via : Initial Calibration





#8

Acenaphthene

Concen: 0.282 ng/ul

RT: 14.55 min Scan# 3117

Delta R.T. -0.00 min

Lab File: BN003389.D

Acq: 01 Nov 2018 21:20

Instrument :

BNA_N

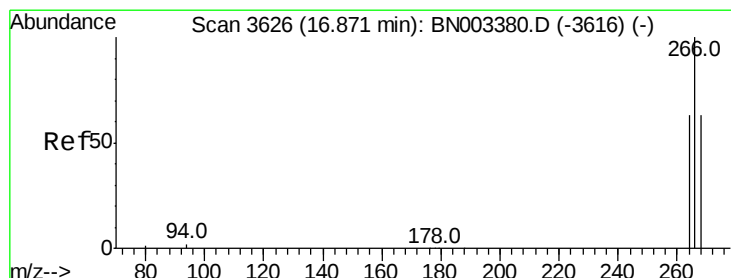
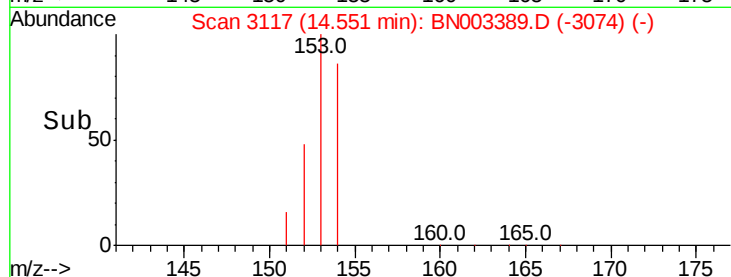
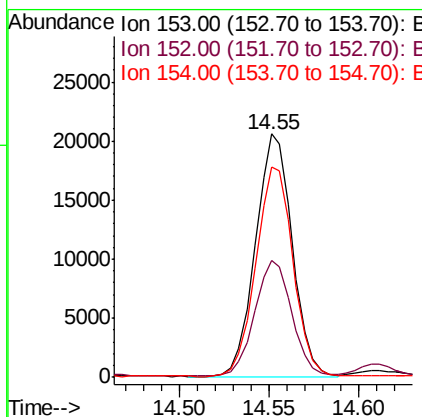
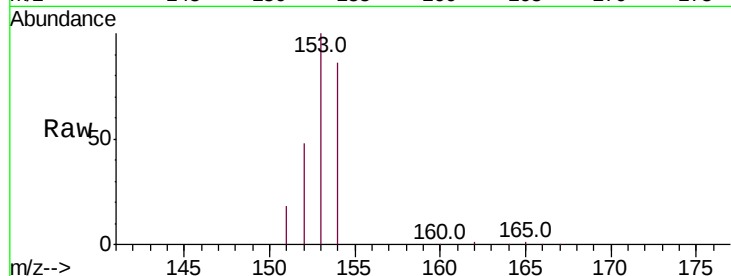
ClientSampled :

A40H7MSD

Tot Ion:	153	Resp:	29392
Ion Ratio	Lower	Upper	
153	100		
152	48.2	39.5	59.3
154	86.5	70.3	105.5

Manual Integrations
APPROVED

Sohil
11/2/2018 4:14:12 PM



#11

Pentachlorophenol

Concen: 0.218 ng/ul

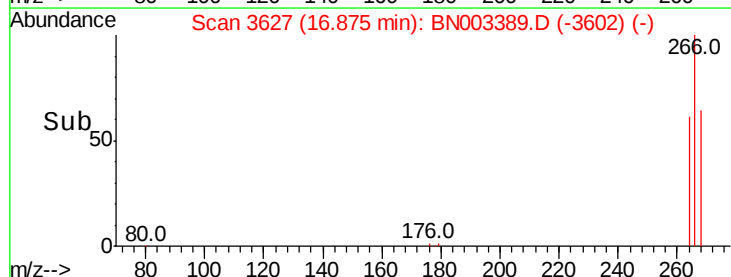
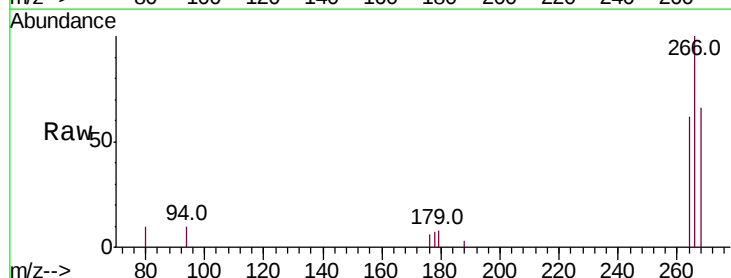
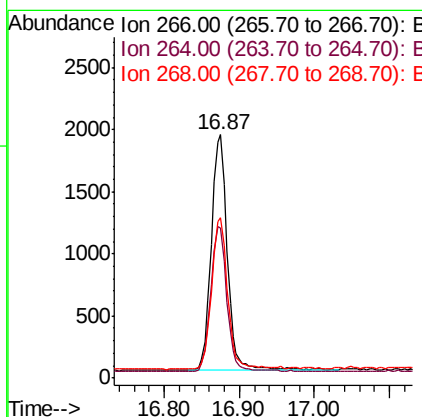
RT: 16.87 min Scan# 3627

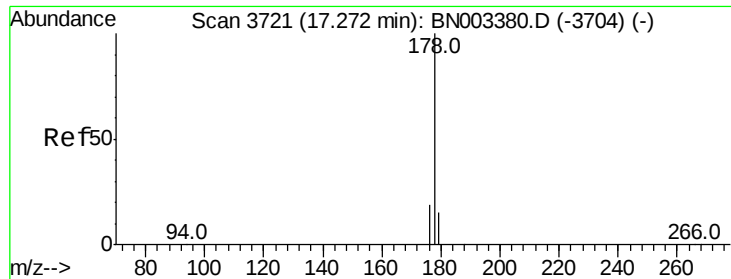
Delta R.T. 0.00 min

Lab File: BN003389.D

Acq: 01 Nov 2018 21:20

Tgt Ion:	266	Resp:	2860
Ion Ratio	Lower	Upper	
266	100		
264	61.5	50.2	75.4
268	62.4	50.7	76.1





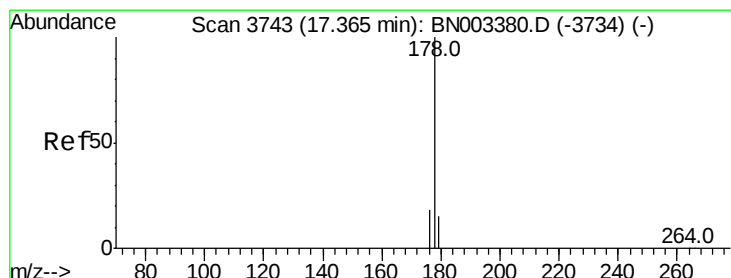
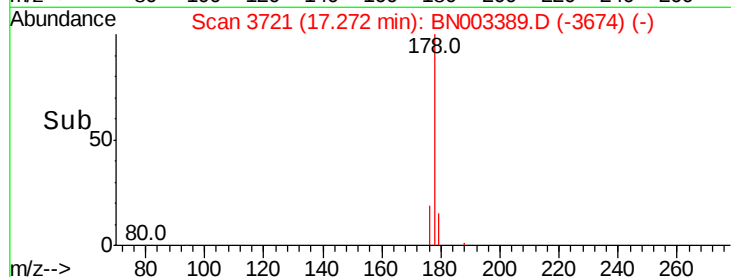
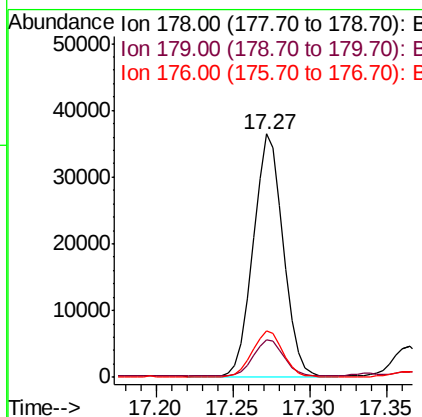
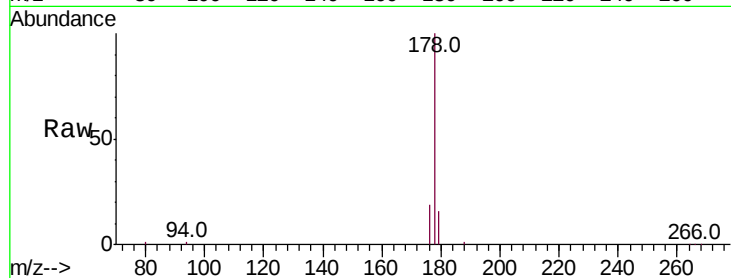
#12
Phenanthrene
Concen: 0.230 ng/ul
RT: 17.27 min Scan# 3721
Delta R.T. -0.00 min
Lab File: BN003389.D
Acq: 01 Nov 2018 21:20

Instrument :
BNA_N
ClientSampleId :
A40H7MSD

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.4	18.6
176	19.2	15.0	22.4

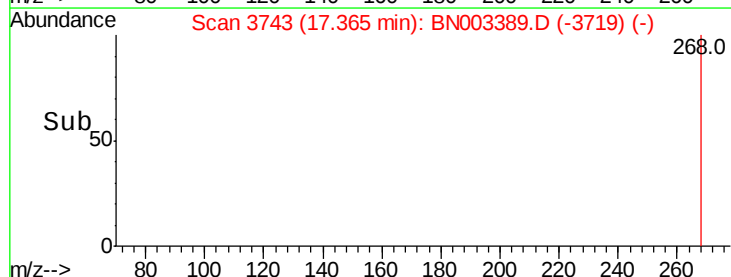
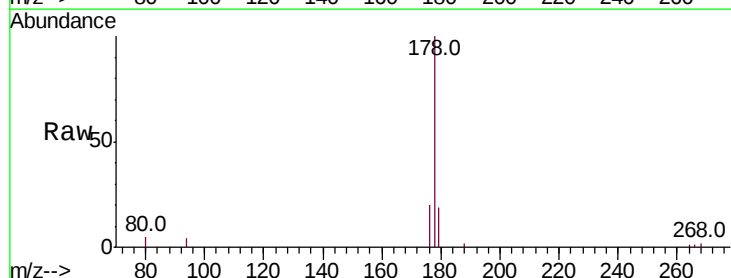
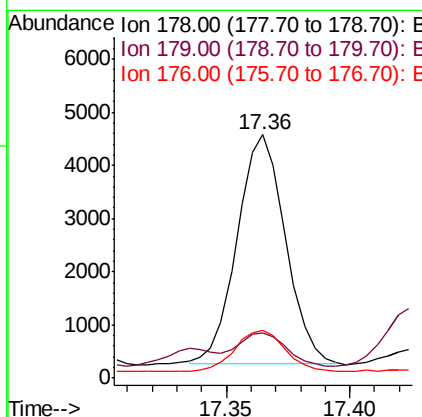
Manual Integrations
APPROVED

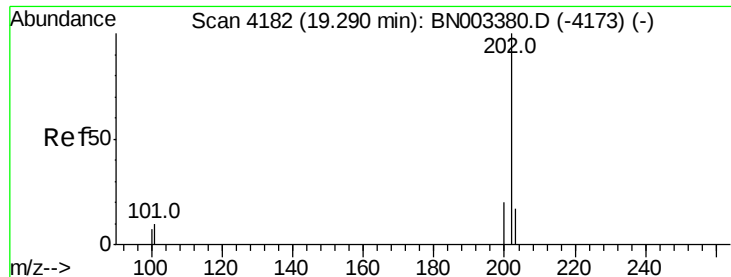
Sohil
11/2/2018 4:14:12 PM



#13
Anthracene
Concen: 0.033 ng/ul m
RT: 17.36 min Scan# 3743
Delta R.T. -0.00 min
Lab File: BN003389.D
Acq: 01 Nov 2018 21:20

Tgt Ion	Ratio	Lower	Upper
178	100		
179	18.8	12.2	18.2#
176	19.6	14.7	22.1





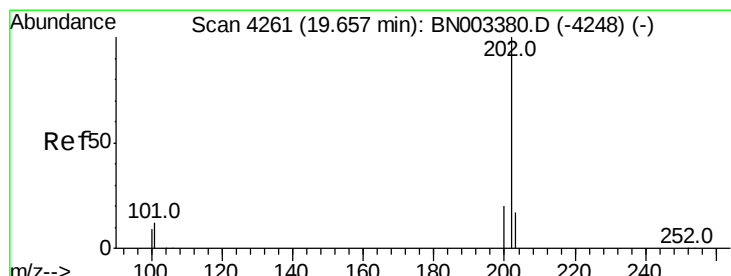
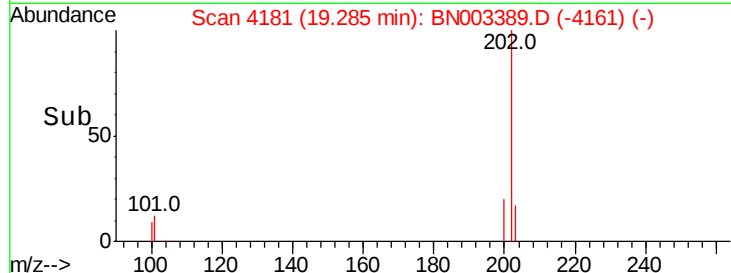
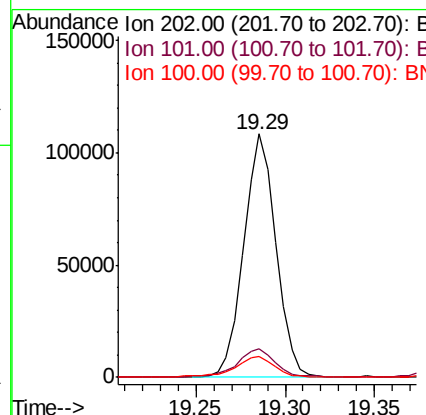
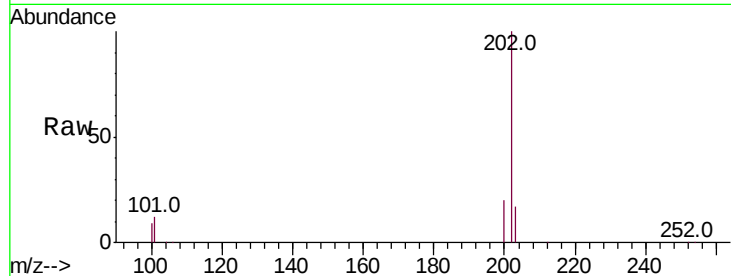
#15
Fluoranthene
Concen: 0.562 ng/ul
RT: 19.29 min Scan# 4181
Delta R.T. -0.00 min
Lab File: BN003389.D
Acq: 01 Nov 2018 21:20

Instrument :
BNA_N
ClientSampleId :
A40H7MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	11.8	0.0	30.7
100	8.7	0.0	28.0

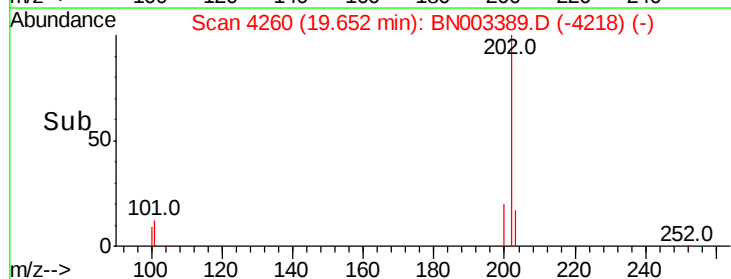
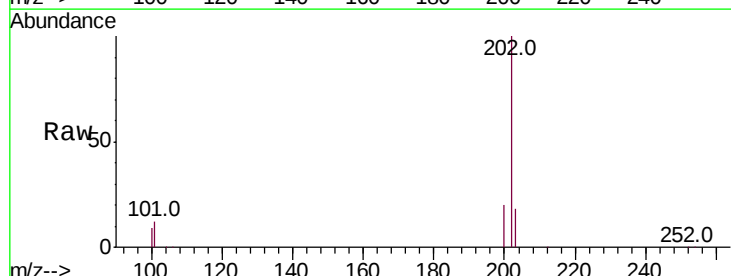
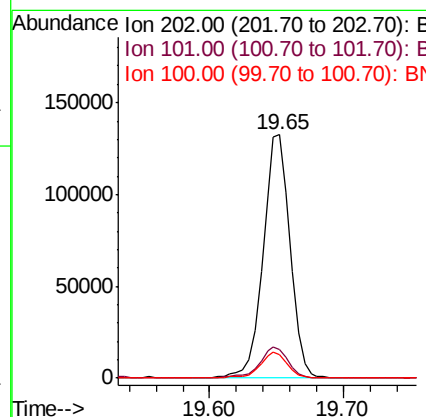
Manual Integrations
APPROVED

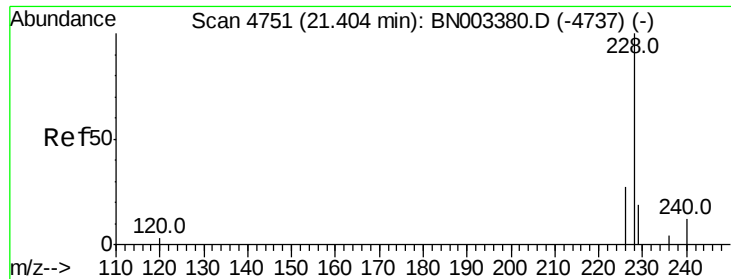
Sohil
11/2/2018 4:14:12 PM



#17
Pyrene
Concen: 0.783 ng/ul
RT: 19.65 min Scan# 4260
Delta R.T. -0.00 min
Lab File: BN003389.D
Acq: 01 Nov 2018 21:20

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	12.0	9.5	14.3
100	9.4	7.5	11.3





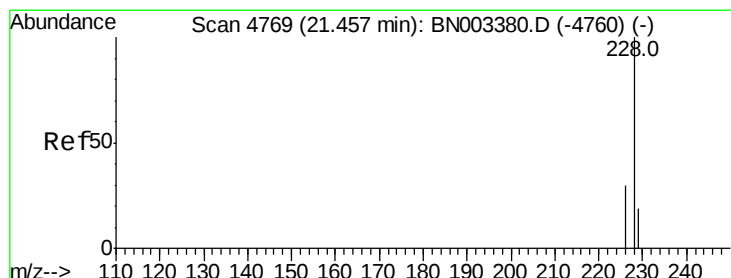
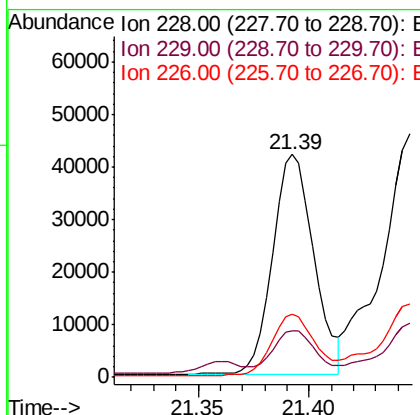
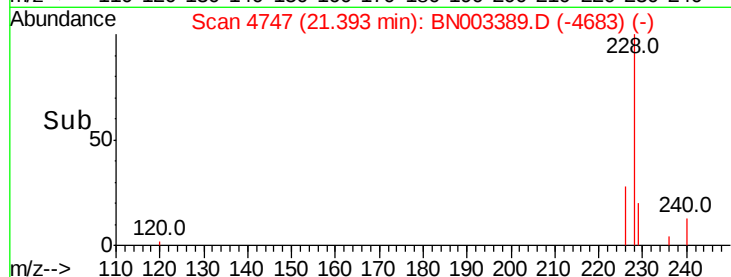
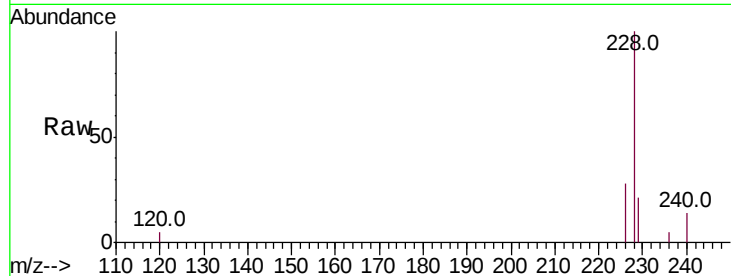
#18
Benzo(a)anthracene
Concen: 0.265 ng/ul
RT: 21.39 min Scan# 4747
Delta R.T. -0.01 min
Lab File: BN003389.D
Acq: 01 Nov 2018 21:20

Instrument :
BNA_N
ClientSampleId :
A40H7MSD

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.1	15.5	23.3
226	28.1	21.5	32.3

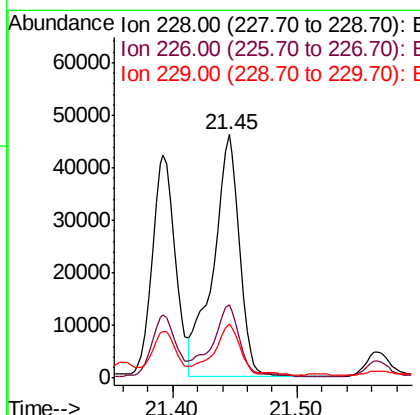
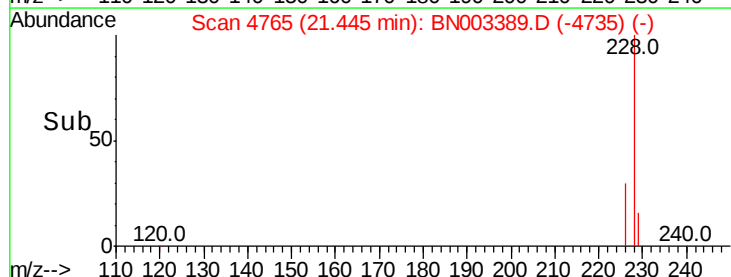
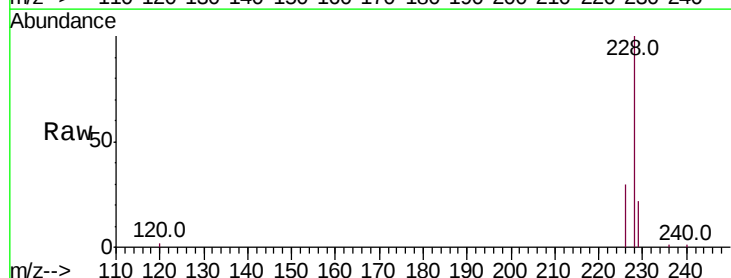
Manual Integrations
APPROVED

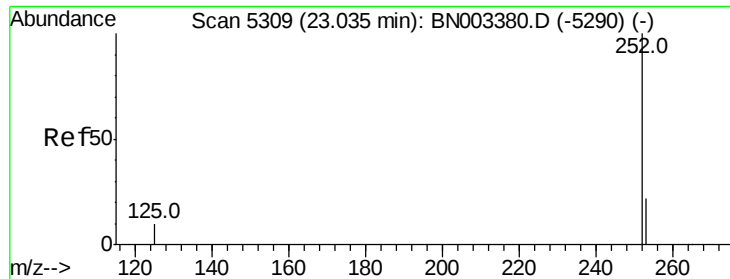
Sohil
11/2/2018 4:14:12 PM



#19
Chrysene
Concen: 0.292 ng/ul
RT: 21.45 min Scan# 4765
Delta R.T. -0.01 min
Lab File: BN003389.D
Acq: 01 Nov 2018 21:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.8	35.6
229	22.2	15.5	23.3





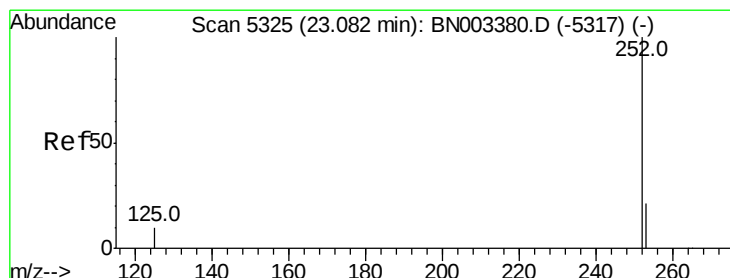
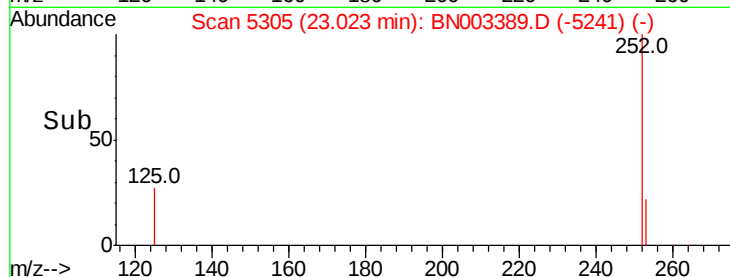
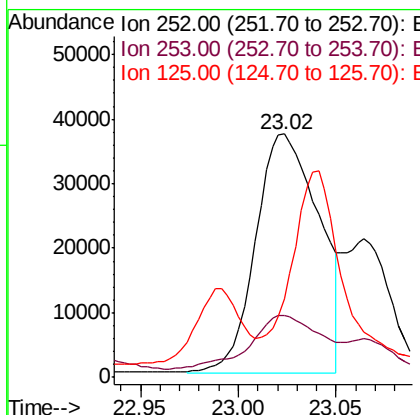
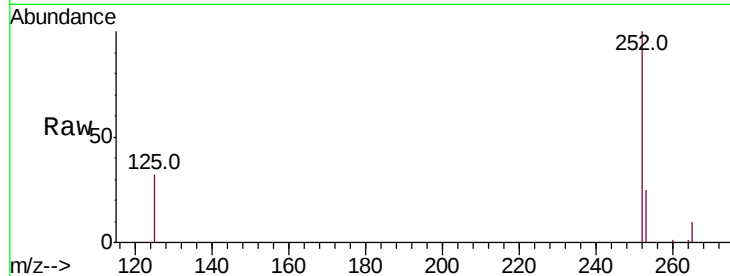
#21
Benzo(b)fluoranthene
Concen: 0.345 ng/ul m
RT: 23.02 min Scan# 5305
Delta R.T. -0.01 min
Lab File: BN003389.D
Acq: 01 Nov 2018 21:20

Instrument :
BNA_N
ClientSampleId :
A40H7MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.2	0.0	45.6
125	32.5	0.0	21.8#

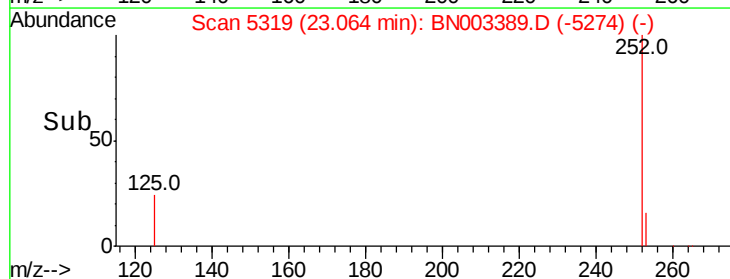
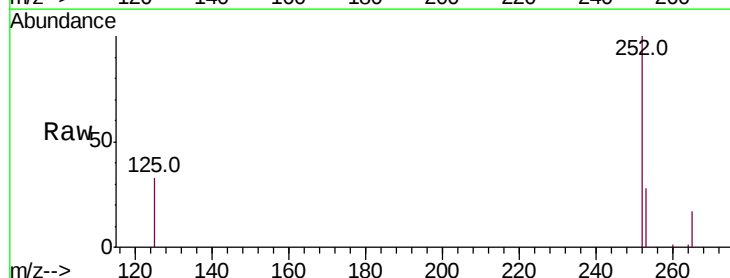
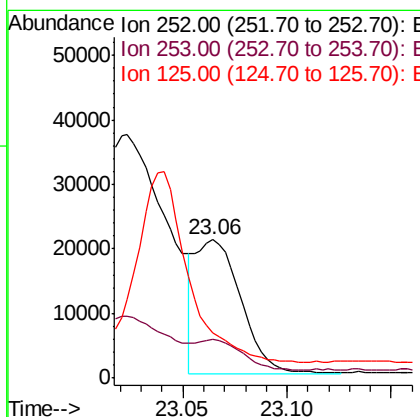
Manual Integrations
APPROVED

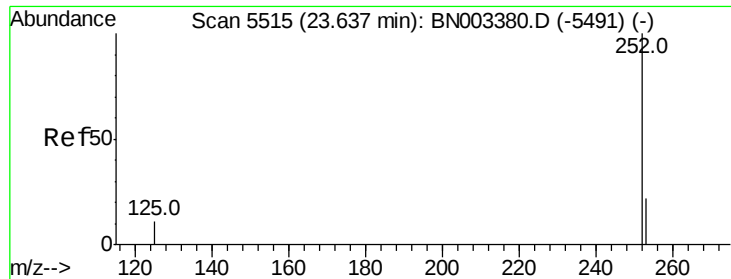
Sohil
11/2/2018 4:14:12 PM



#22
Benzo(k)fluoranthene
Concen: 0.136 ng/ul m
RT: 23.06 min Scan# 5319
Delta R.T. -0.02 min
Lab File: BN003389.D
Acq: 01 Nov 2018 21:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.7	18.2	27.4#
125	32.6	8.6	13.0#





#23

Benzo(a)pyrene

Concen: 0.256 ng/u1

RT: 23.62 min Scan# 5509

Delta R.T. -0.02 min

Lab File: BN003389.D

Acq: 01 Nov 2018 21:20

Instrument :

BNA_N

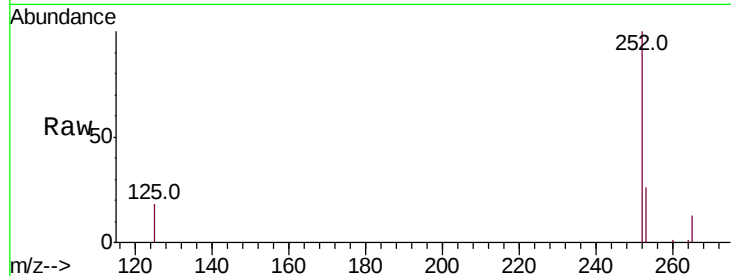
ClientSampleId :

A40H7MSD

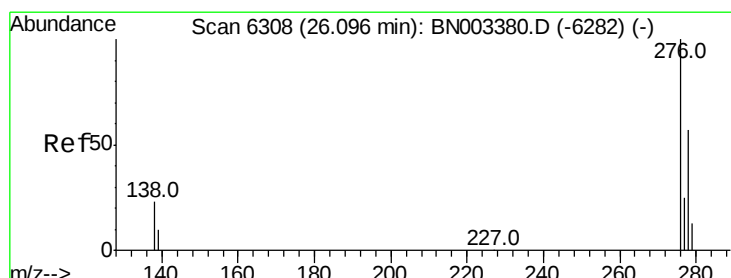
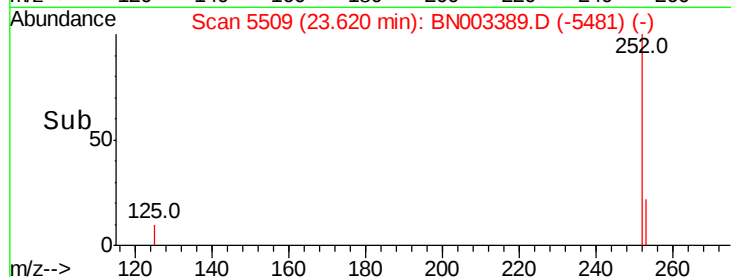
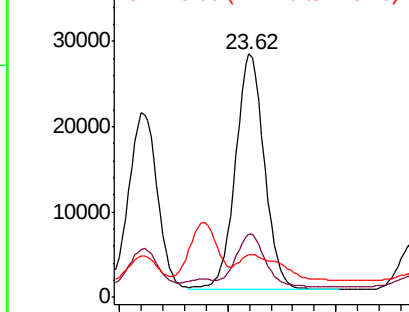
Tot Ion:	252	Resp:	51382
Ion Ratio	Lower	Upper	
252	100		
253	25.9	18.5	27.7
125	17.6	9.9	14.9#

Manual Integrations
APPROVED

Sohil
11/2/2018 4:14:12 PM



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.155 ng/u1

RT: 26.08 min Scan# 6302

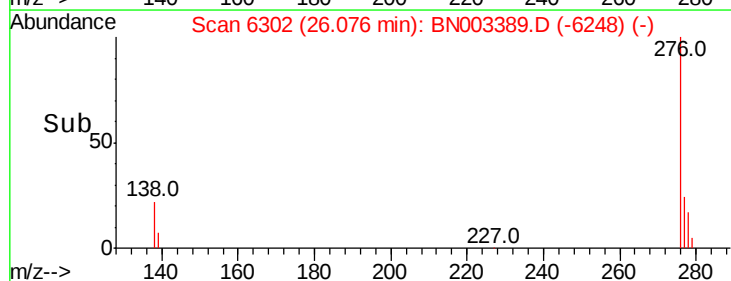
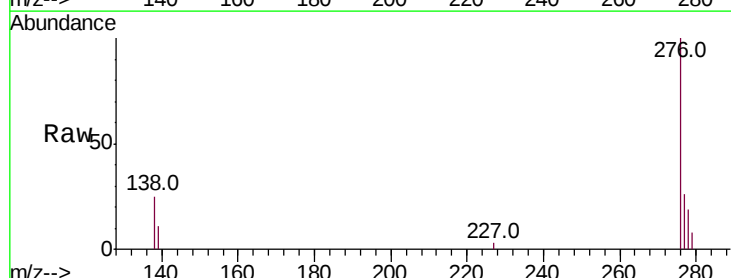
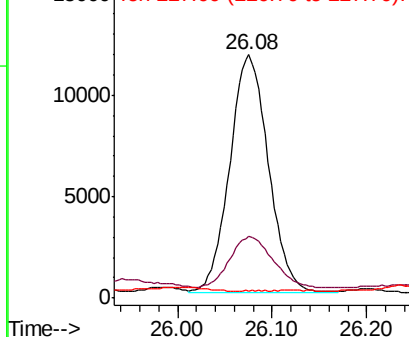
Delta R.T. -0.02 min

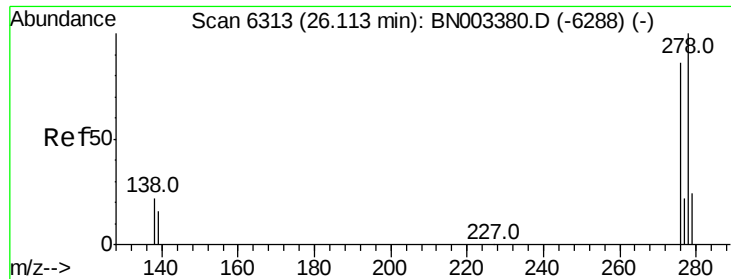
Lab File: BN003389.D

Acq: 01 Nov 2018 21:20

Tgt Ion:	276	Resp:	33269
Ion Ratio	Lower	Upper	
276	100		
138	24.3	19.8	29.8
227	0.1	0.2	0.2#

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





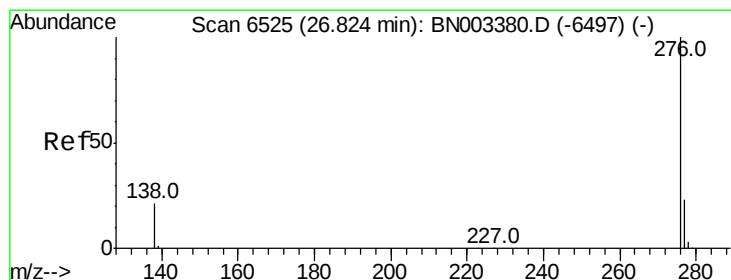
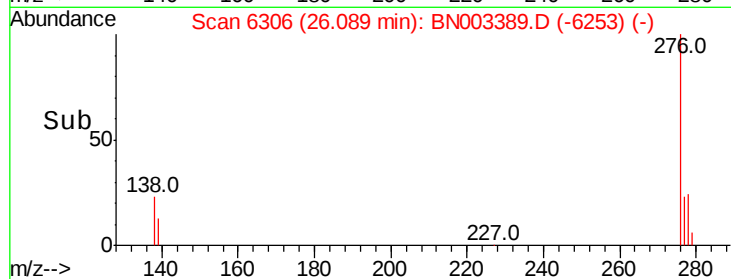
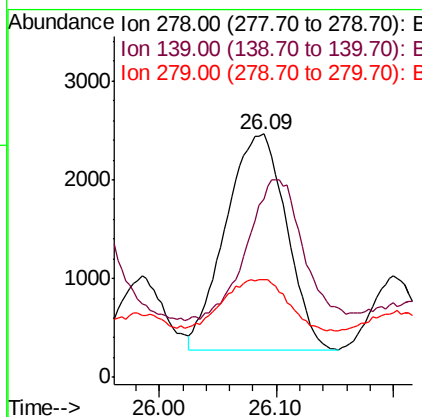
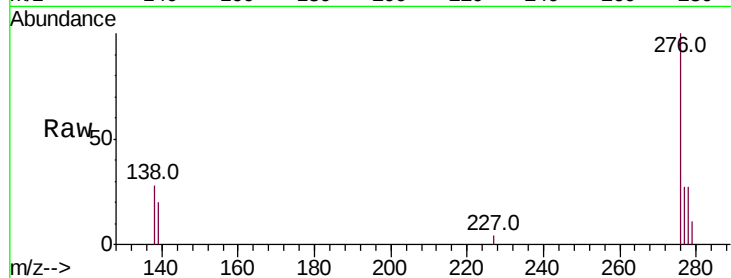
#25
Dibenzo(a,h)anthracene
Concen: 0.045 ng/ul
RT: 26.09 min Scan# 6306
Delta R.T. -0.02 min
Lab File: BN003389.D
Acq: 01 Nov 2018 21:20

Instrument :
BNA_N
ClientSampleId :
A40H7MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	73.5	13.1	19.7#
279	40.1	19.5	29.3#

Manual Integrations
APPROVED

Sohil
11/2/2018 4:14:12 PM



#26
Benzo(g,h,i)perylene
Concen: 0.135 ng/ul m
RT: 26.81 min Scan# 6520
Delta R.T. -0.02 min
Lab File: BN003389.D
Acq: 01 Nov 2018 21:20

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.8	17.0	25.6#
277	26.9	19.2	28.8

