

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120619\
 Data File : BN008869.D
 Acq On : 06 Dec 2019 20:49
 Operator : JU
 Sample : K6007-02DL 10X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 06 22:58:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 12:03:45 2019
 Response via : Initial Calibration

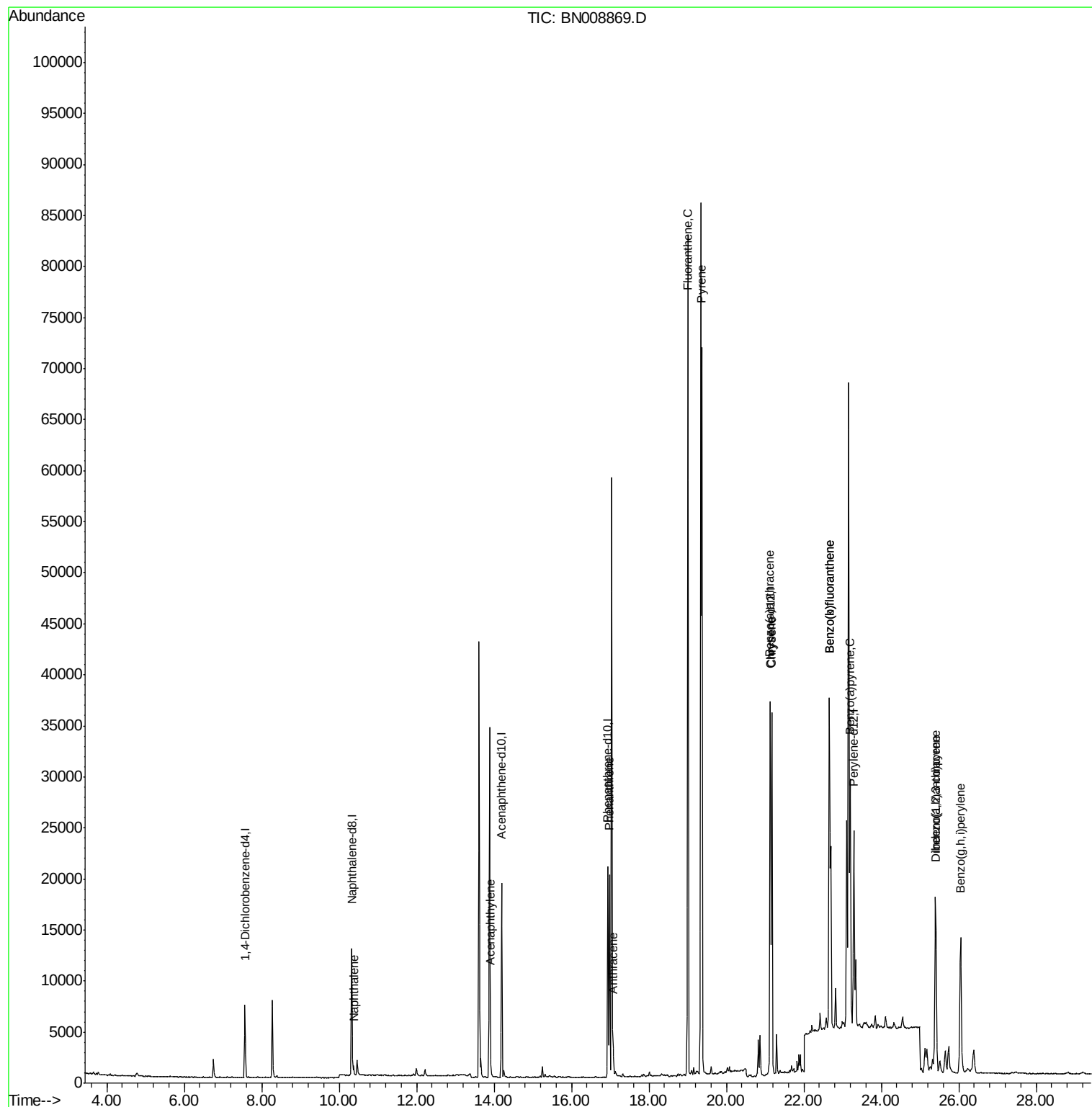
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	3512	0.40	ng/ul	0.00
2) Naphthalene-d8	10.32	136	15596	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.19	164	10388	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.94	188	23034	0.40	ng/ul	0.00
16) Chrysene-d12	21.14	240	20750	0.40	ng/ul	0.00
20) Perylene-d12	23.29	264	22417	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.92	152	287	0.01	ng/ul	0.00
14) Fluoranthene-d10	18.97	212	930	0.01	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.37	128	1202	0.026	ng/ul#	84
7) Acenaphthylene	13.91	152	1569	0.027	ng/ul#	90
12) Phenanthrene	16.98	178	19844	0.255	ng/ul	100
13) Anthracene	17.07	178	2821	0.038	ng/ul#	95
15) Fluoranthene	19.00	202	69577	0.729	ng/ul	98
17) Pyrene	19.37	202	59795	0.718	ng/ul	98
18) Benzo(a)anthracene	21.12	228	25827	0.310	ng/ul	98
19) Chrysene	21.17	228	33968	0.414	ng/ul	97
21) Benzo(b)fluoranthene	22.65	252	67166	0.727	ng/ul	99
22) Benzo(k)fluoranthene	22.65	252	67166	0.733	ng/ul	97
23) Benzo(a)pyrene	23.20	252	30520	0.352	ng/ul	99
24) Indeno(1,2,3-cd)pyrene	25.40	276	24673	0.243	ng/ul#	92
25) Dibenzo(a,h)anthracene	25.41	278	5436	0.066	ng/ul#	86
26) Benzo(g,h,i)perylene	26.05	276	24286	0.286	ng/ul	98

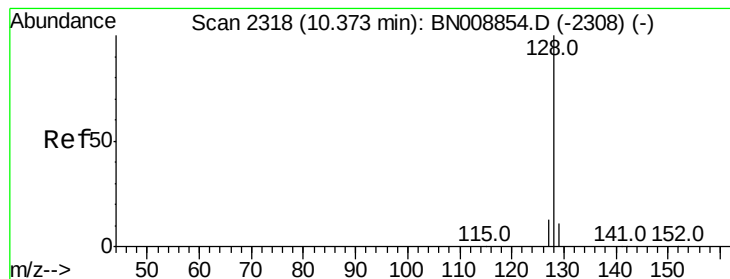
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 06 22:58:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN11519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 06 12:03:45 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.026 ng/ul

RT: 10.37 min Scan# 2318

Delta R.T. -0.00 min

Lab File: BN008869.D

Acq: 06 Dec 2019 20:49

Instrument :

BNA_N

ClientSampleId :

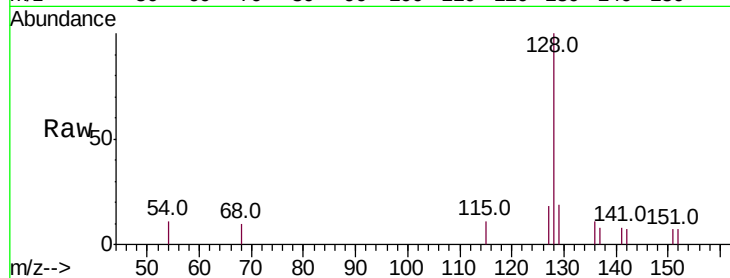
Tot Ion:128 Resp: 1202

Ion Ratio Lower Upper

128 100

129 19.1 9.1 13.7#

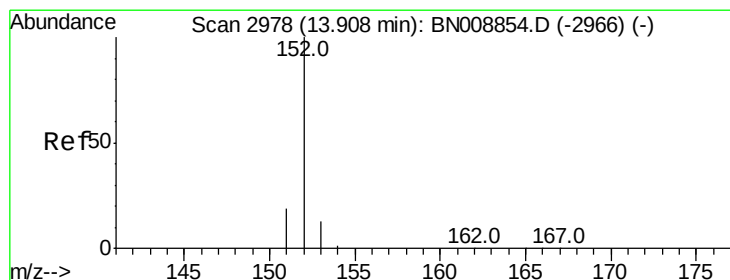
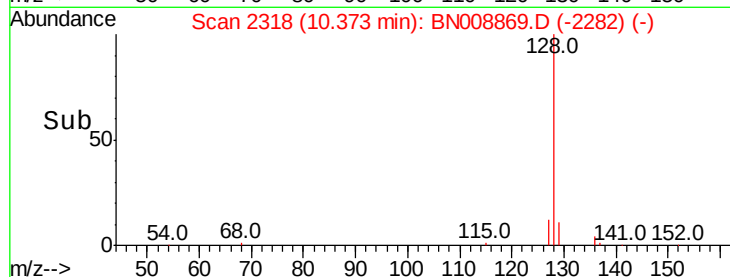
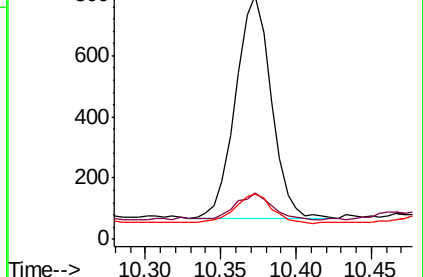
127 18.5 10.7 16.1#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#7

Acenaphthylene

Concen: 0.027 ng/ul

RT: 13.91 min Scan# 2978

Delta R.T. -0.00 min

Lab File: BN008869.D

Acq: 06 Dec 2019 20:49

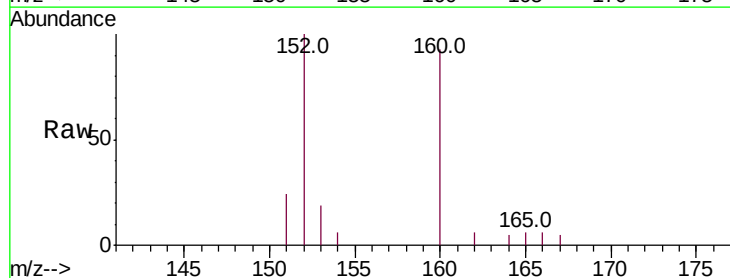
Tgt Ion:152 Resp: 1569

Ion Ratio Lower Upper

152 100

151 23.5 15.8 23.6

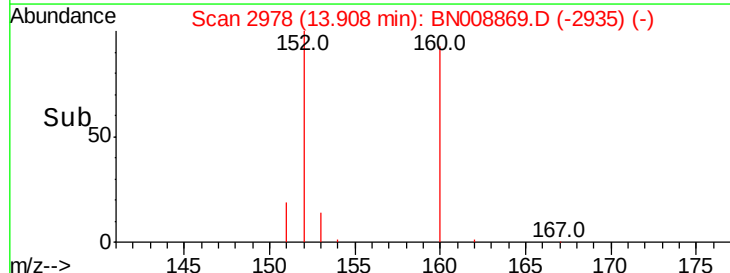
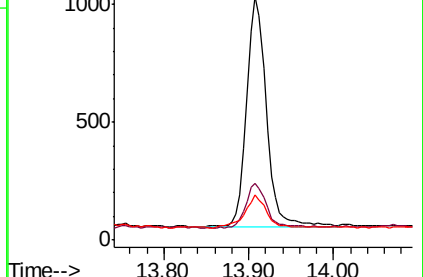
153 18.6 10.6 15.8#

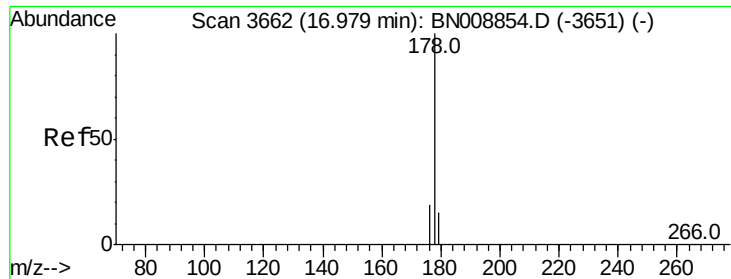


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#12

Phenanthrene

Concen: 0.255 ng/ul

RT: 16.98 min Scan# 3662

Delta R.T. -0.00 min

Lab File: BN008869.D

Acq: 06 Dec 2019 20:49

Instrument :

BNA_N

ClientSampleId :

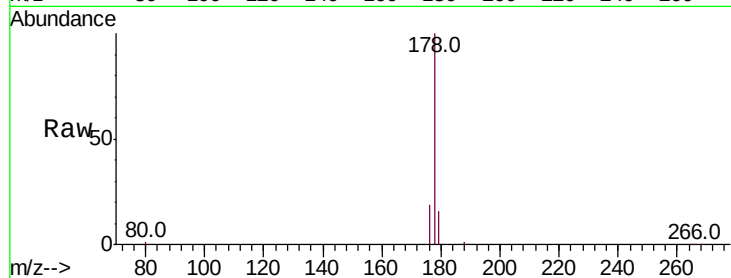
Tot Ion:178 Resp: 19844

Ion Ratio Lower Upper

178 100

179 15.6 12.6 18.8

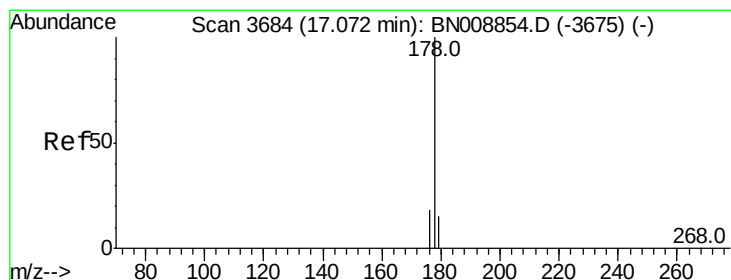
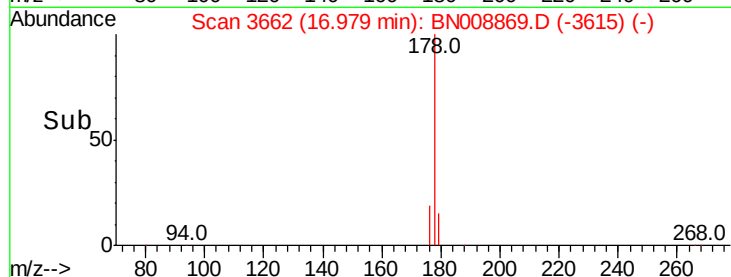
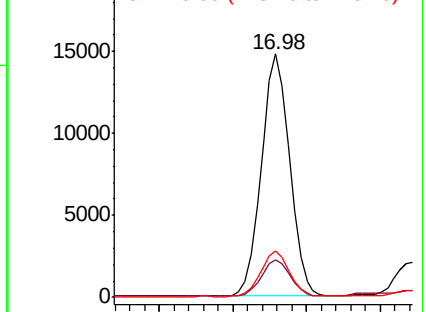
176 18.9 15.3 22.9



Abundance Ion 178.00 (177.70 to 178.70): E

20000 Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#13

Anthracene

Concen: 0.038 ng/ul

RT: 17.07 min Scan# 3684

Delta R.T. -0.00 min

Lab File: BN008869.D

Acq: 06 Dec 2019 20:49

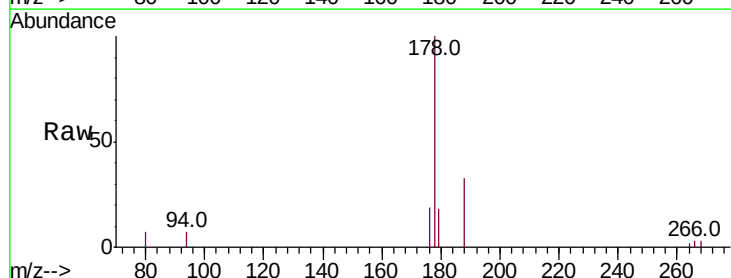
Tgt Ion:178 Resp: 2821

Ion Ratio Lower Upper

178 100

179 18.5 12.2 18.4#

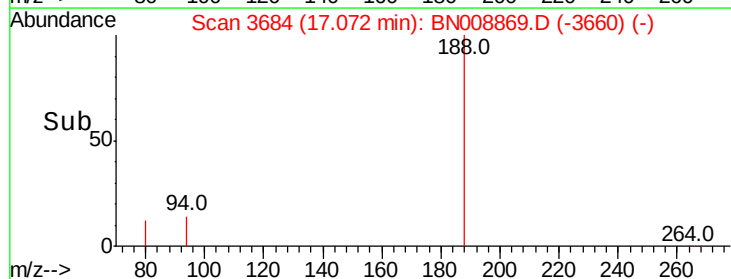
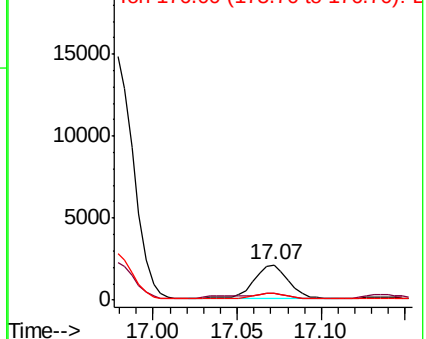
176 19.5 14.7 22.1

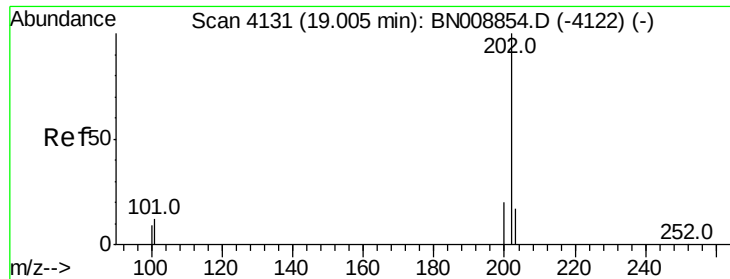


Abundance Ion 178.00 (177.70 to 178.70): E

20000 Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

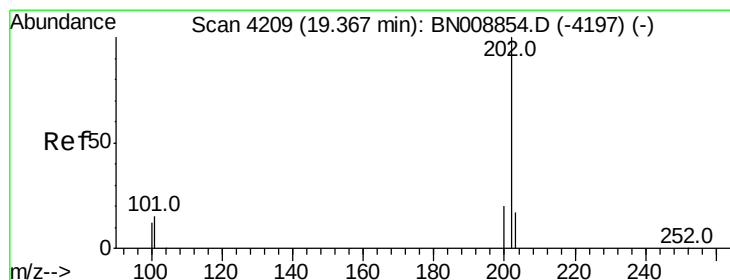
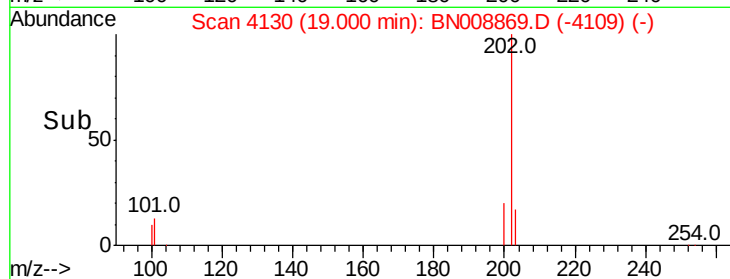
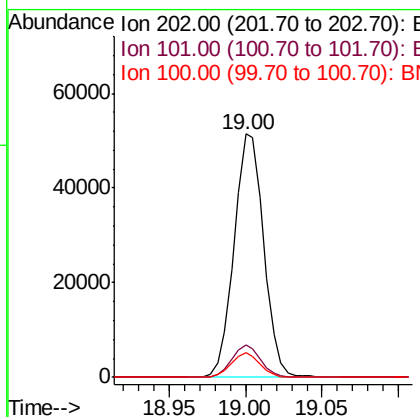
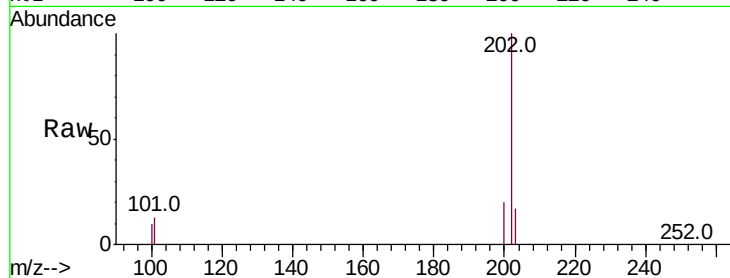




#15
 Fluoranthene
 Concen: 0.729 ng/ul
 RT: 19.00 min Scan# 4130
 Delta R.T. -0.00 min
 Lab File: BN008869.D
 Acq: 06 Dec 2019 20:49

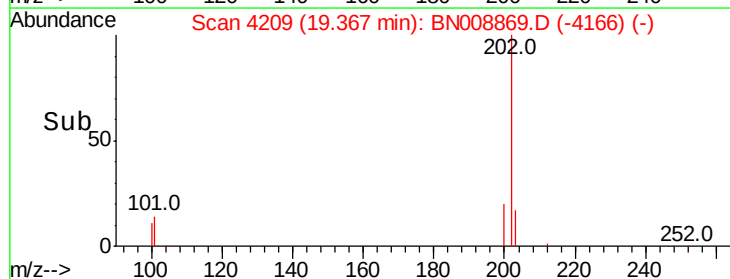
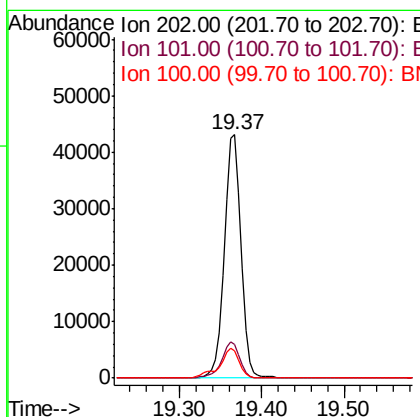
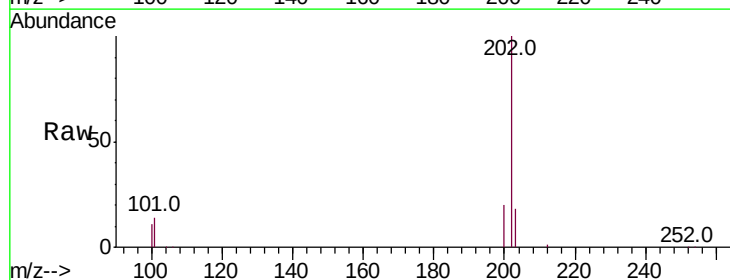
Instrument :
 BNA_N
 ClientSampleId :

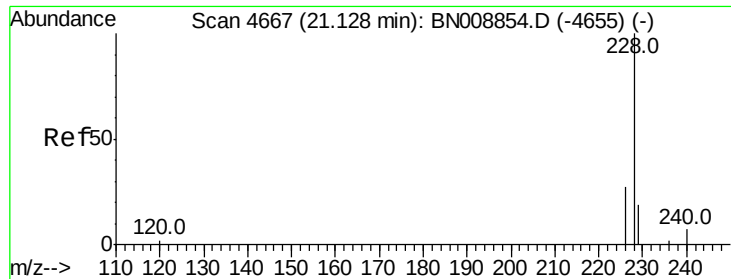
Tot Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	32.4
100	10.1	0.0	29.2



#17
 Pyrene
 Concen: 0.718 ng/ul
 RT: 19.37 min Scan# 4209
 Delta R.T. -0.00 min
 Lab File: BN008869.D
 Acq: 06 Dec 2019 20:49

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.1	12.2	18.4
100	11.2	9.5	14.3

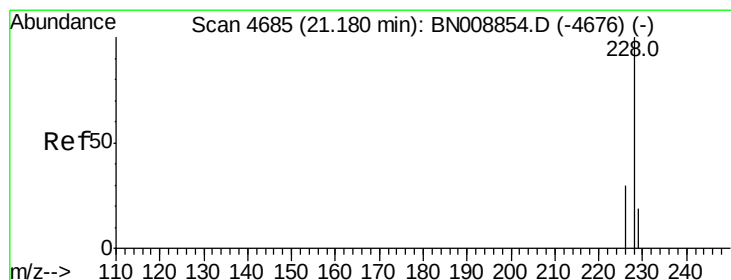
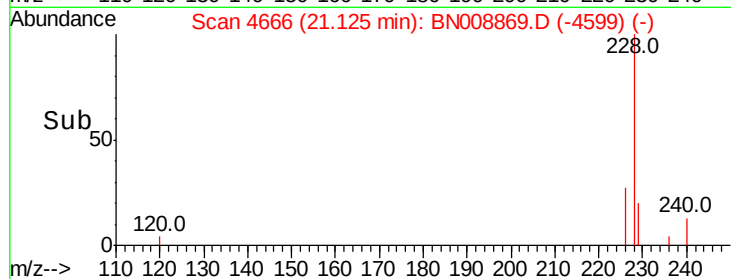
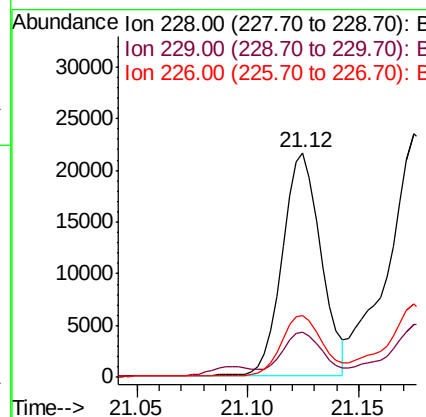
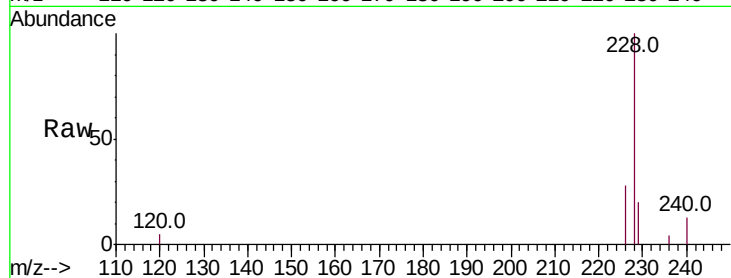




#18
Benzo(a)anthracene
Concen: 0.310 ng/ul
RT: 21.12 min Scan# 4666
Delta R.T. -0.00 min
Lab File: BN008869.D
Acq: 06 Dec 2019 20:49

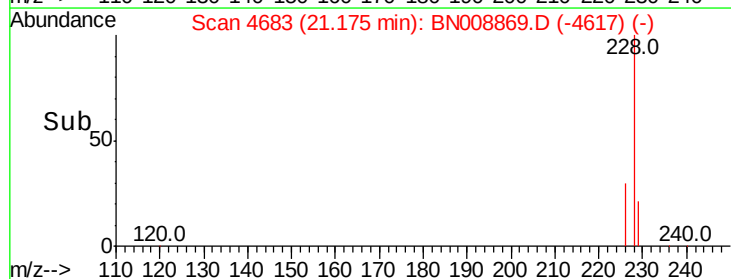
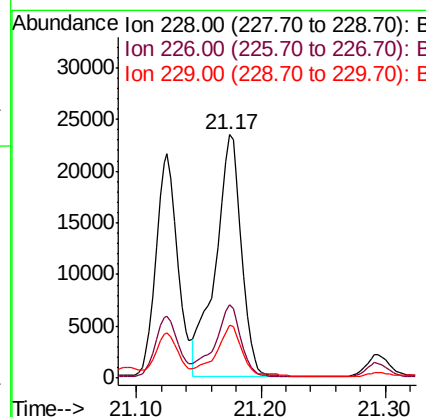
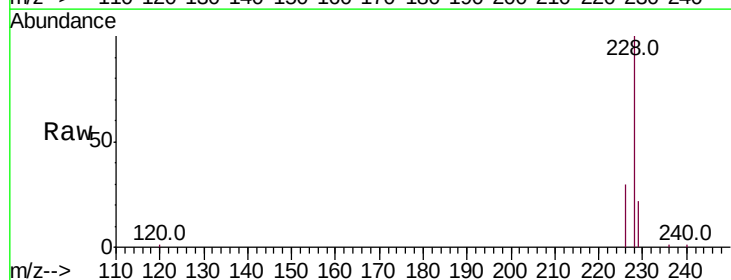
Instrument :
BNA_N
ClientSampleId :

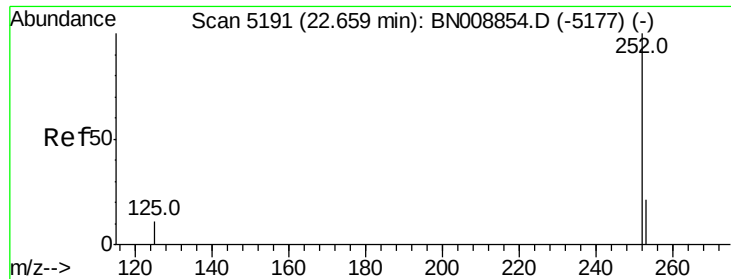
Tot Ion:228 Resp: 25827
Ion Ratio Lower Upper
228 100
229 20.3 15.7 23.5
226 27.6 21.5 32.3



#19
Chrysene
Concen: 0.414 ng/ul
RT: 21.17 min Scan# 4683
Delta R.T. -0.01 min
Lab File: BN008869.D
Acq: 06 Dec 2019 20:49

Tgt Ion:228 Resp: 33968
Ion Ratio Lower Upper
228 100
226 30.3 23.8 35.6
229 21.8 15.6 23.4





#21

Benzo(b)fluoranthene

Concen: 0.727 ng/ul

RT: 22.65 min Scan# 5189

Delta R.T. -0.01 min

Lab File: BN008869.D

Acq: 06 Dec 2019 20:49

Instrument :

BNA_N

ClientSampleId :

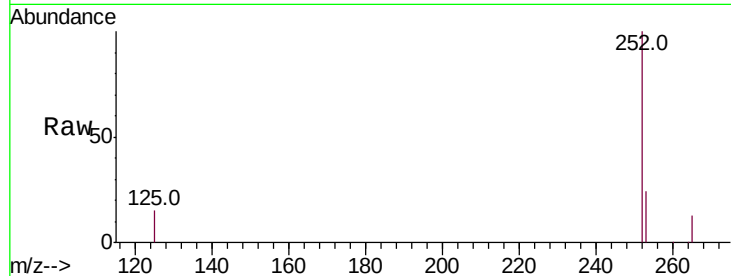
Tot Ion:252 Resp: 67166

Ion Ratio Lower Upper

252 100

253 24.2 0.0 48.6

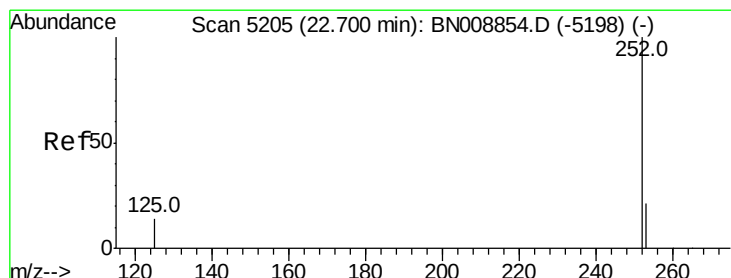
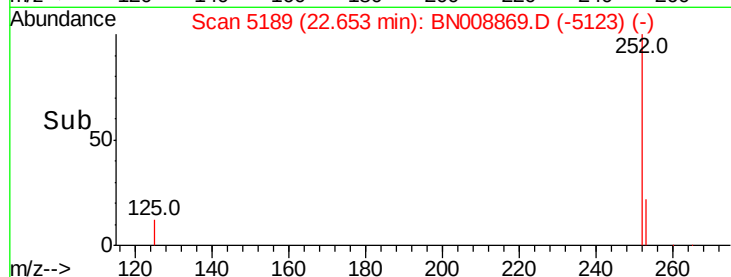
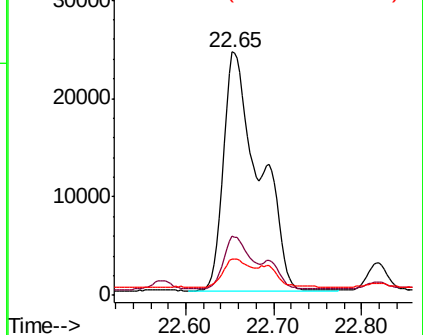
125 14.8 0.0 31.6



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



#22

Benzo(k)fluoranthene

Concen: 0.733 ng/ul

RT: 22.65 min Scan# 5189

Delta R.T. -0.05 min

Lab File: BN008869.D

Acq: 06 Dec 2019 20:49

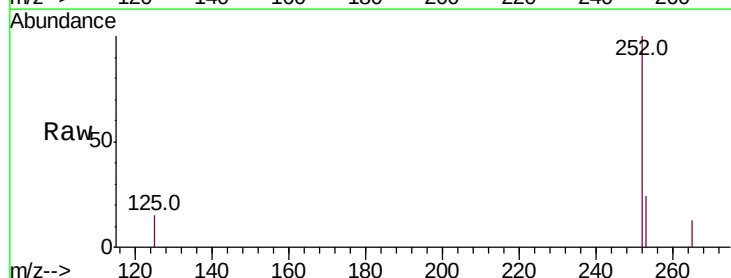
Tgt Ion:252 Resp: 67166

Ion Ratio Lower Upper

252 100

253 24.2 19.6 29.4

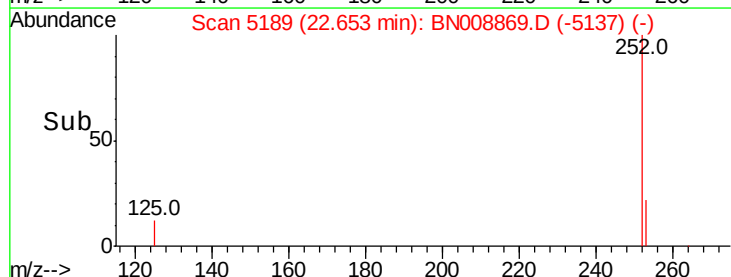
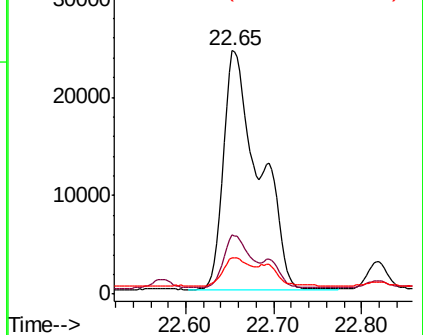
125 14.8 13.8 20.6

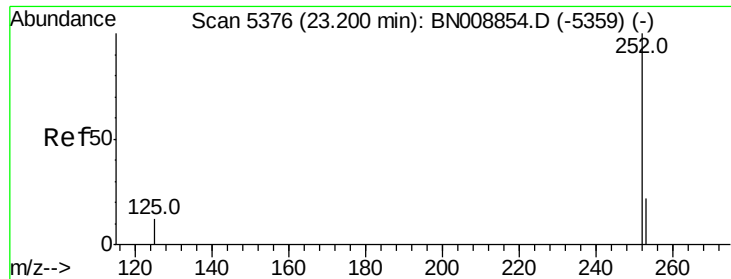


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.352 ng/ul

RT: 23.20 min Scan# 5375

Delta R.T. -0.00 min

Lab File: BN008869.D

Acq: 06 Dec 2019 20:49

Instrument :

BNA_N

ClientSampleId :

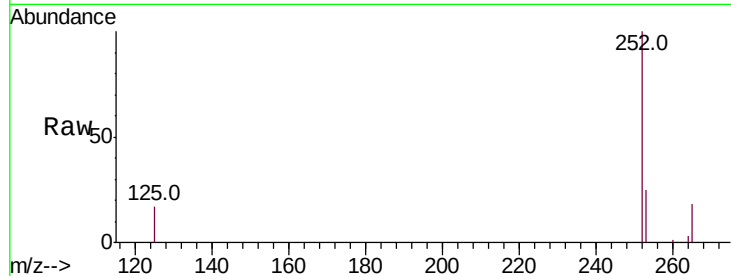
Tot Ion:252 Resp: 30520

Ion Ratio Lower Upper

252 100

253 24.9 19.9 29.9

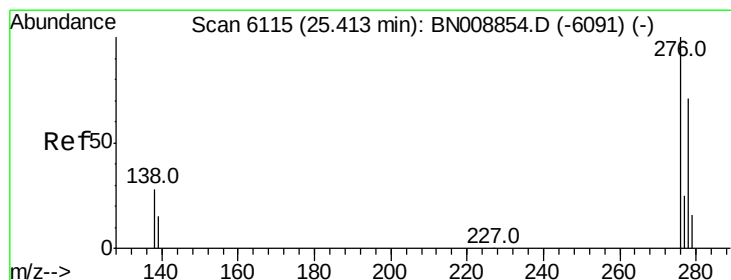
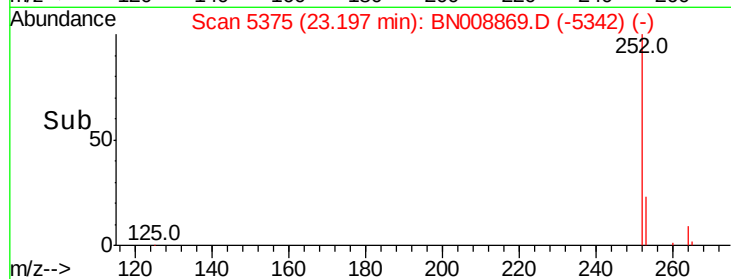
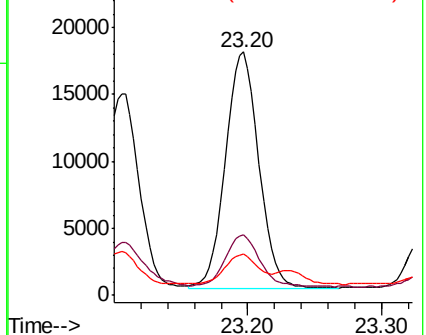
125 16.9 14.6 22.0



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: 0.243 ng/ul

RT: 25.40 min Scan# 6111

Delta R.T. -0.01 min

Lab File: BN008869.D

Acq: 06 Dec 2019 20:49

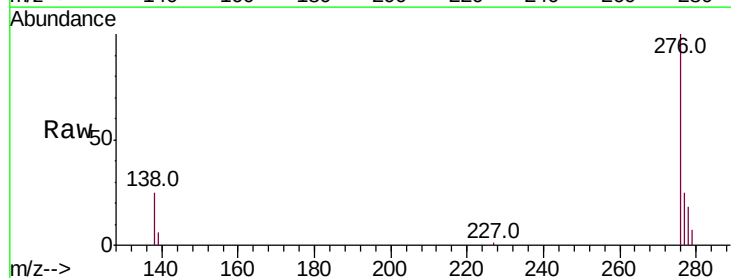
Tgt Ion:276 Resp: 24673

Ion Ratio Lower Upper

276 100

138 25.5 23.8 35.6

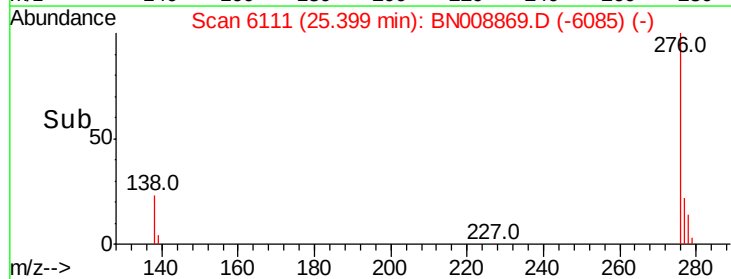
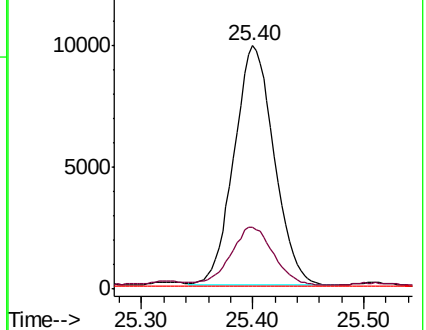
227 0.3 0.2 0.2#

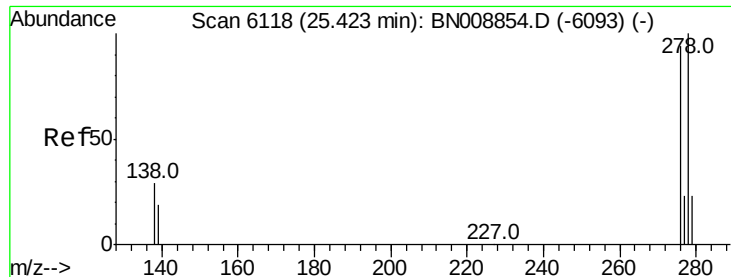


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

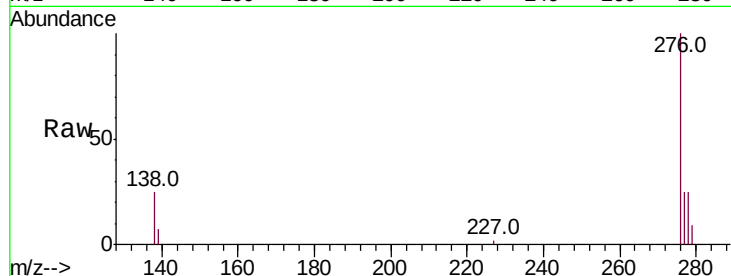




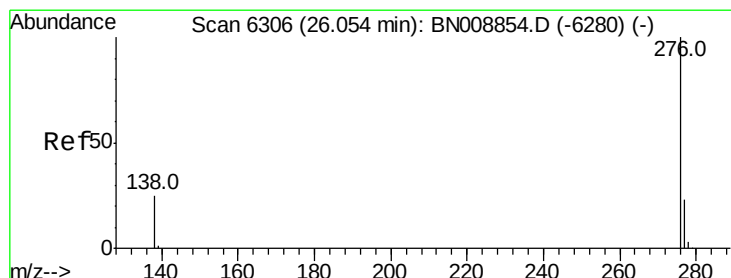
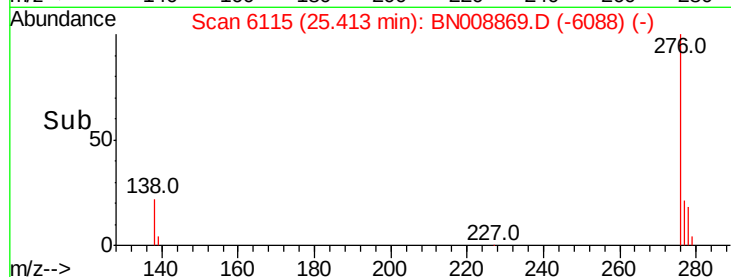
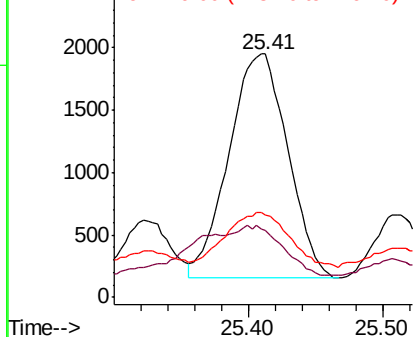
#25
Dibenzo(a,h)anthracene
Concen: 0.066 ng/ul
RT: 25.41 min Scan# 6115
Delta R.T. -0.01 min
Lab File: BN008869.D
Acq: 06 Dec 2019 20:49

Instrument :
BNA_N
ClientSampleId :

Tot Ion:278 Resp: 5436
Ion Ratio Lower Upper
278 100
139 27.3 17.4 26.0#
279 33.7 20.5 30.7#

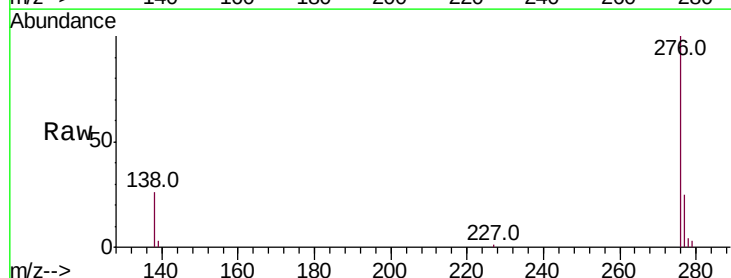


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26
Benzo(g,h,i)perylene
Concen: 0.286 ng/ul
RT: 26.05 min Scan# 6304
Delta R.T. -0.01 min
Lab File: BN008869.D
Acq: 06 Dec 2019 20:49

Tgt Ion:276 Resp: 24286
Ion Ratio Lower Upper
276 100
138 26.2 21.9 32.9
277 25.3 19.9 29.9



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

