

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120719\
 Data File : BN008885.D
 Acq On : 07 Dec 2019 12:04
 Operator : JU
 Sample : K6007-09DL 2X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 09 00:12:52 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

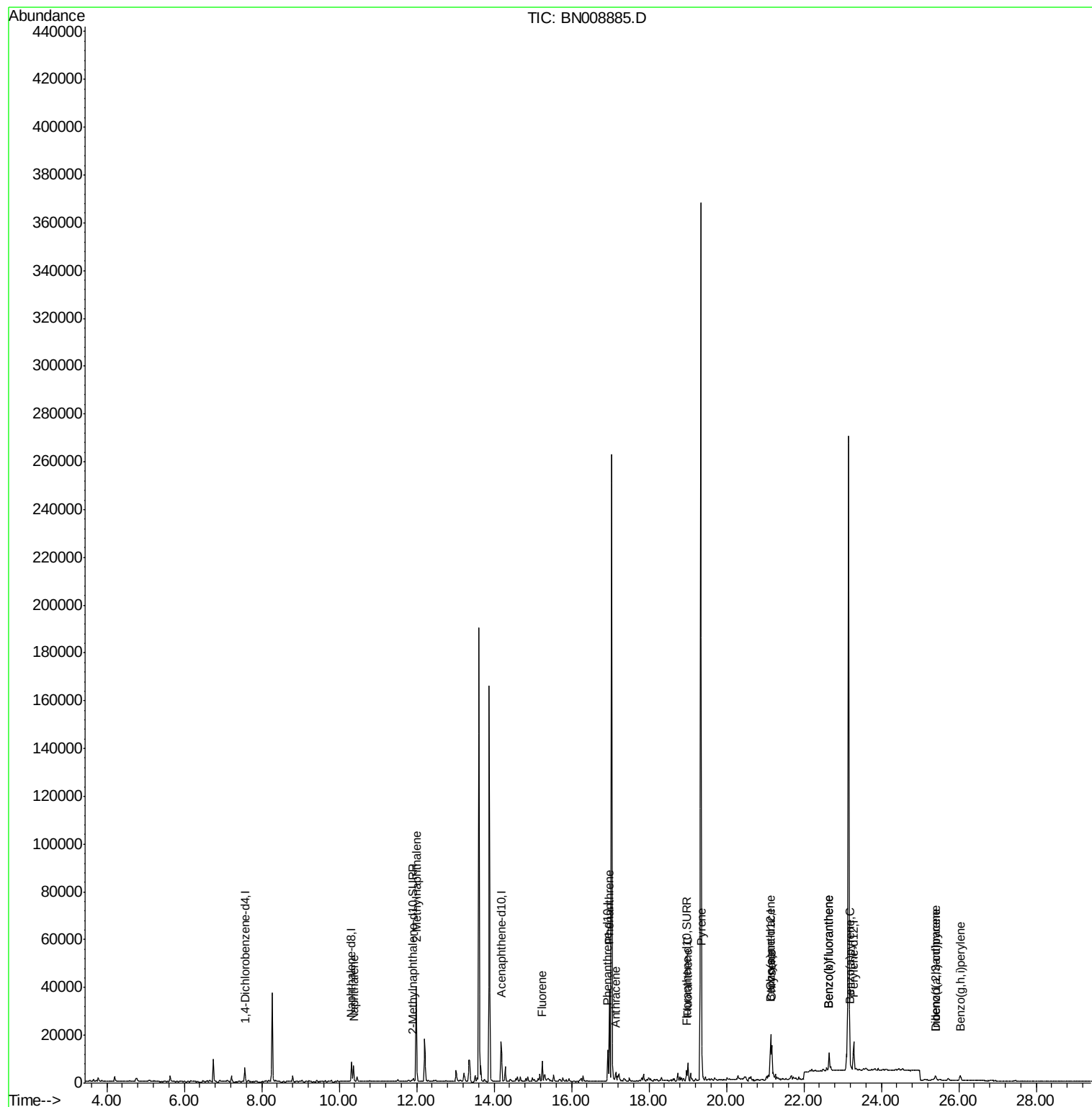
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	2263	0.40	ng/ul	0.00
2) Naphthalene-d8	10.32	136	9756	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.19	164	6707	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.94	188	14716	0.40	ng/ul	0.00
16) Chrysene-d12	21.14	240	12773	0.40	ng/ul	0.00
20) Perylene-d12	23.28	264	14483	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.91	152	1441	0.09	ng/ul	0.00
14) Fluoranthene-d10	18.97	212	4644	0.10	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.37	128	8724	0.297	ng/ul	99
5) 2-Methylnaphthalene	11.99	142	27964	1.362	ng/ul	100
9) Fluorene	15.25	166	4687	0.145	ng/ul#	92
12) Phenanthrene	16.97	178	40631	0.819	ng/ul	99
13) Anthracene	17.14	178	1233	0.026	ng/ul#	1
15) Fluoranthene	19.00	202	7036	0.115	ng/ul	92
17) Pyrene	19.36	202	10319	0.201	ng/ul	100
18) Benzo(a)anthracene	21.12	228	1567	0.031	ng/ul#	20
19) Chrysene	21.17	228	11574	0.229	ng/ul#	88
21) Benzo(b)fluoranthene	22.65	252	10752	0.180	ng/ul	85
22) Benzo(k)fluoranthene	22.65	252	10752	0.182	ng/ul#	87
23) Benzo(a)pyrene	23.19	252	1781	0.032	ng/ul#	22
24) Indeno(1,2,3-cd)pyrene	25.40	276	1791	0.027	ng/ul#	85
25) Dibenzo(a,h)anthracene	25.40	278	1478	0.028	ng/ul#	14
26) Benzo(g,h,i)perylene	26.04	276	4084	0.074	ng/ul#	88

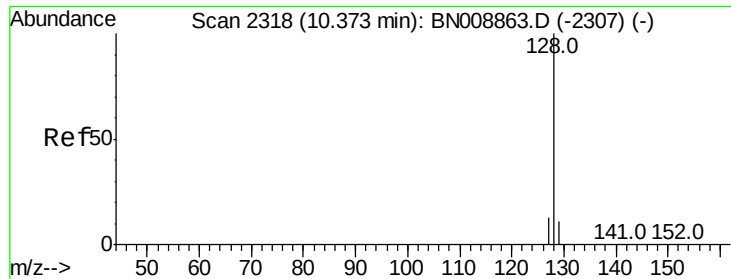
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120719\
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BNA_N
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Quant Time: Dec 09 00:12:52 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: 0.297 ng/ul

RT: 10.37 min Scan# 2317

Delta R.T. -0.01 min

Lab File: BN008885.D

Acq: 07 Dec 2019 12:04

Instrument :

BNA_N

ClientSampleId :

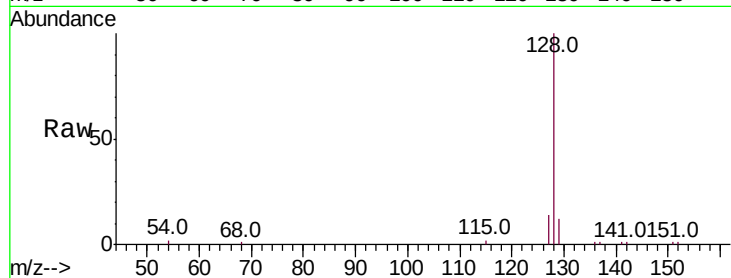
Tot Ion:128 Resp: 8724

Ion Ratio Lower Upper

128 100

129 12.0 9.1 13.7

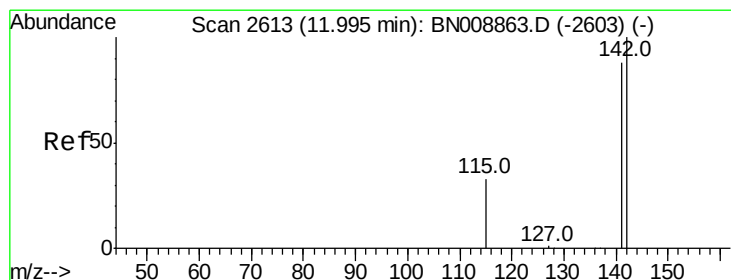
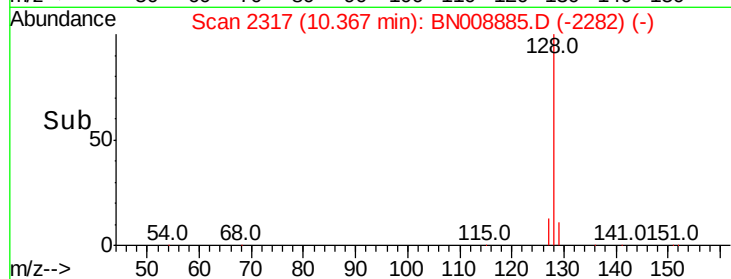
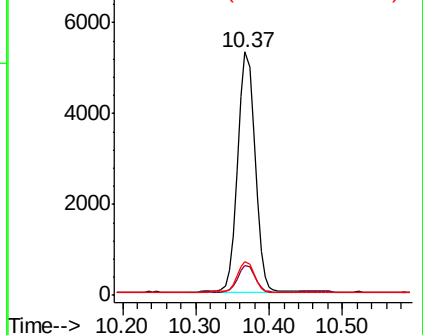
127 13.7 10.7 16.1



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



#5

2-Methylnaphthalene

Concen: 1.362 ng/ul

RT: 11.99 min Scan# 2612

Delta R.T. -0.01 min

Lab File: BN008885.D

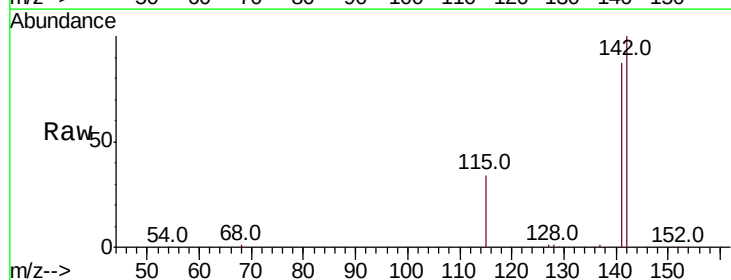
Acq: 07 Dec 2019 12:04

Tgt Ion:142 Resp: 27964

Ion Ratio Lower Upper

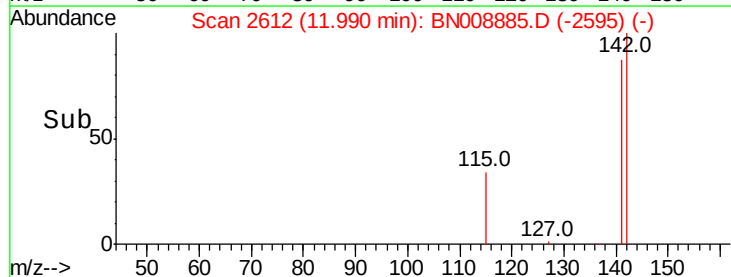
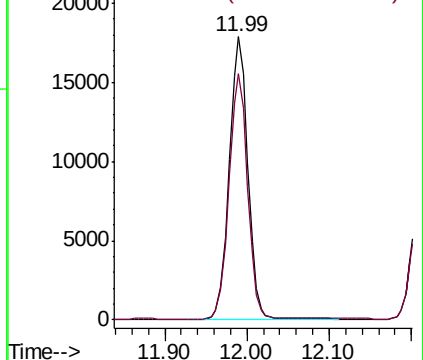
142 100

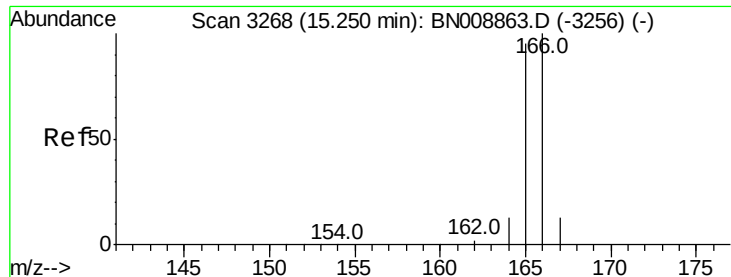
141 87.4 70.1 105.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Fluorene

Concen: 0.145 ng/ul

RT: 15.25 min Scan# 3267

Delta R.T. -0.00 min

Lab File: BN008885.D

Acq: 07 Dec 2019 12:04

Instrument :

BNA_N

ClientSampleId :

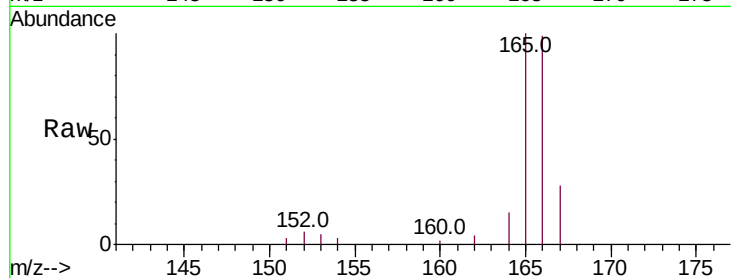
Tot Ion:166 Resp: 4687

Ion Ratio Lower Upper

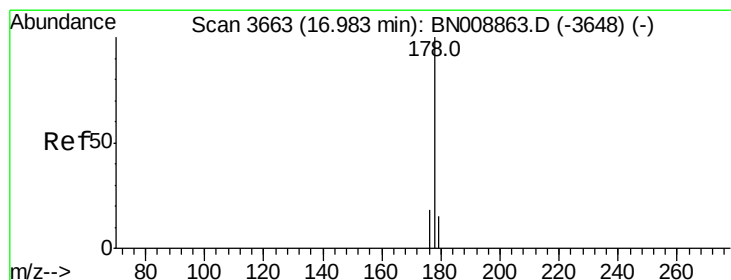
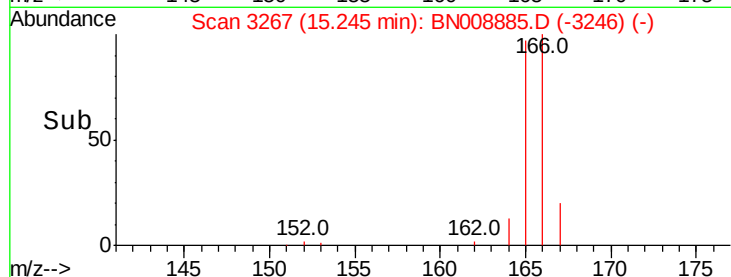
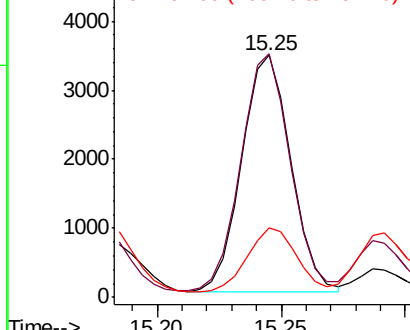
166 100

165 100.6 77.7 116.5

167 28.5 11.1 16.7#



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#12

Phenanthrene

Concen: 0.819 ng/ul

RT: 16.97 min Scan# 3661

Delta R.T. -0.00 min

Lab File: BN008885.D

Acq: 07 Dec 2019 12:04

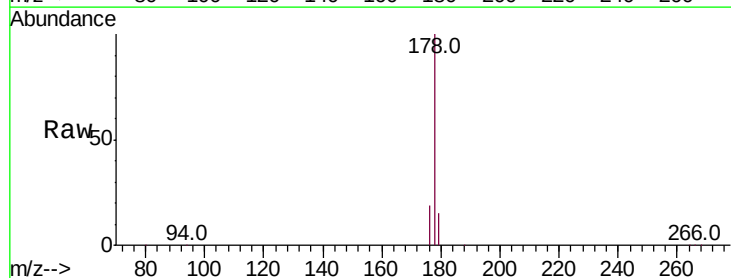
Tgt Ion:178 Resp: 40631

Ion Ratio Lower Upper

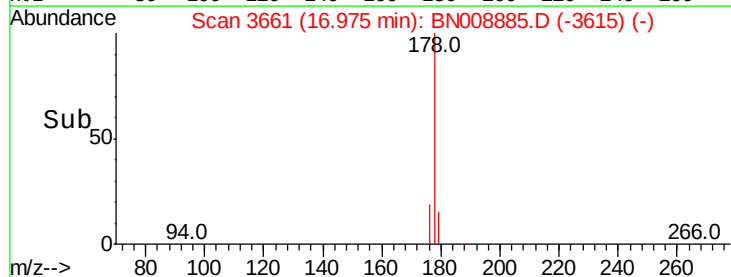
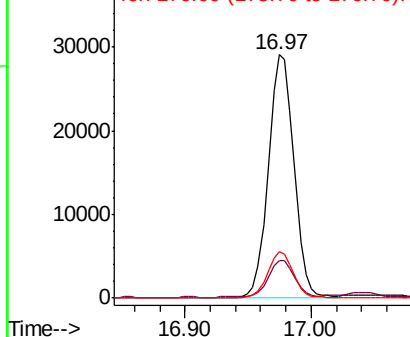
178 100

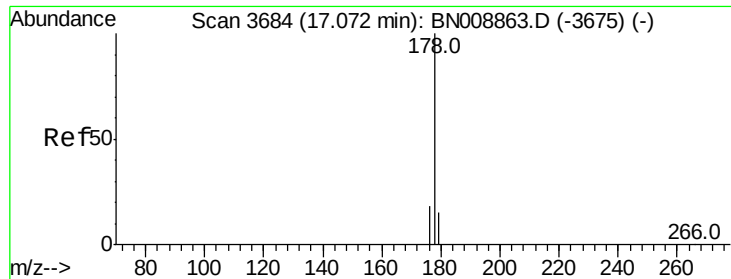
179 15.4 12.6 18.8

176 18.9 15.3 22.9



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

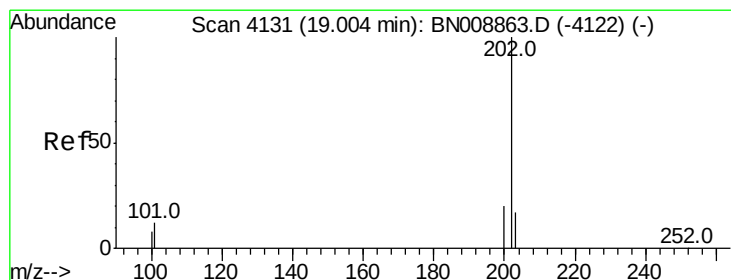
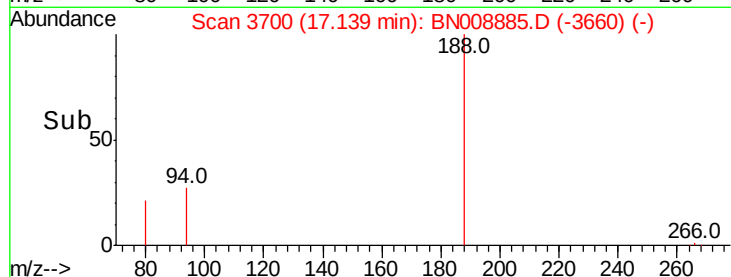
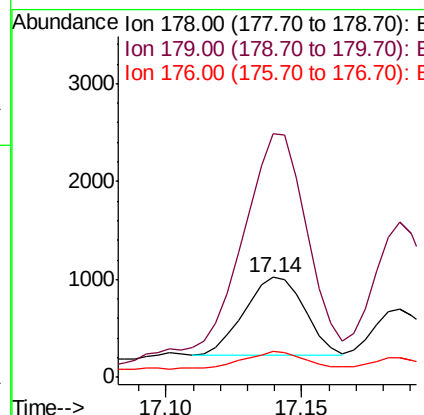
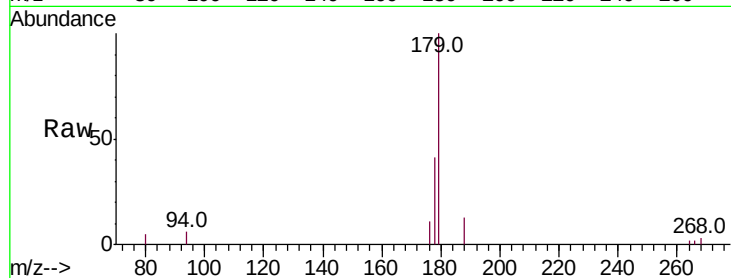




#13
 Anthracene
 Concen: 0.026 ng/ul
 RT: 17.14 min Scan# 3700
 Delta R.T. 0.07 min
 Lab File: BN008885.D
 Acq: 07 Dec 2019 12:04

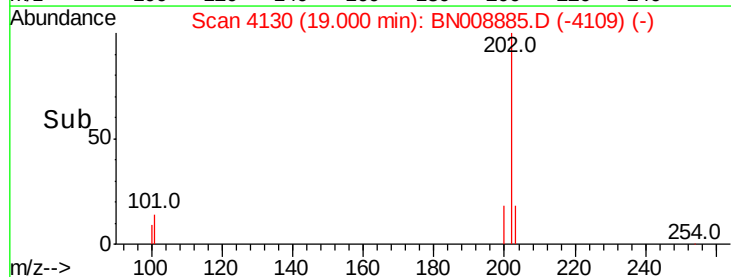
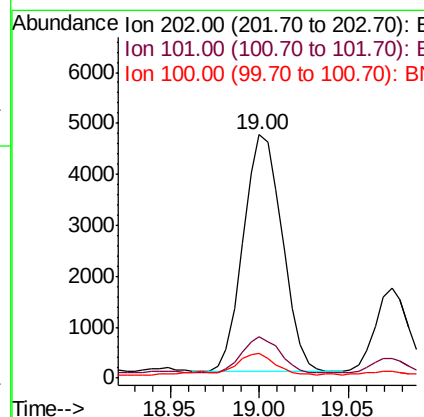
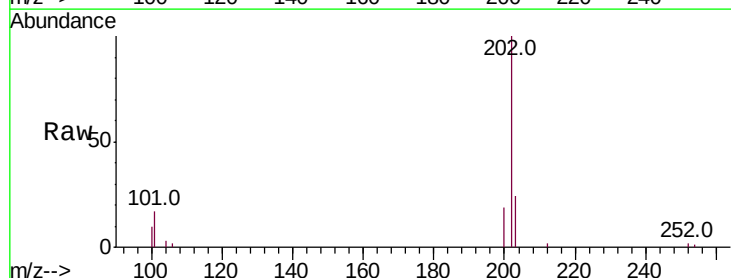
Instrument :
 BNA_N
 ClientSampleId :

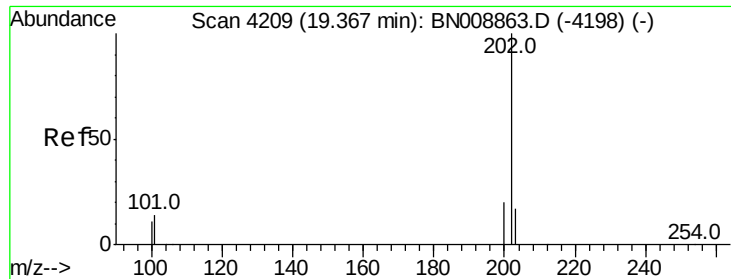
Tot Ion:178 Resp: 1233
 Ion Ratio Lower Upper
 178 100
 179 243.3 12.2 18.4#
 176 26.5 14.7 22.1#



#15
 Fluoranthene
 Concen: 0.115 ng/ul
 RT: 19.00 min Scan# 4130
 Delta R.T. -0.00 min
 Lab File: BN008885.D
 Acq: 07 Dec 2019 12:04

Tgt Ion:202 Resp: 7036
 Ion Ratio Lower Upper
 202 100
 101 17.0 0.0 32.4
 100 10.0 0.0 29.2

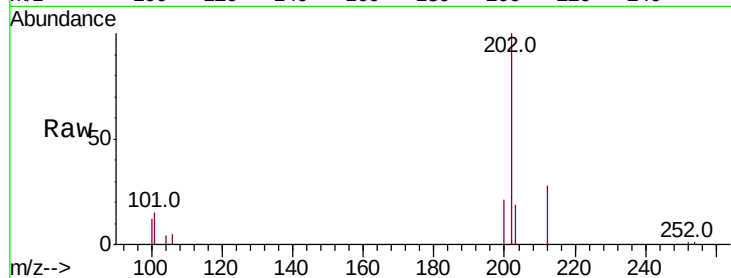




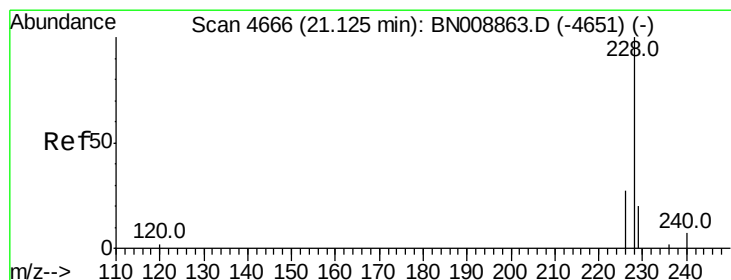
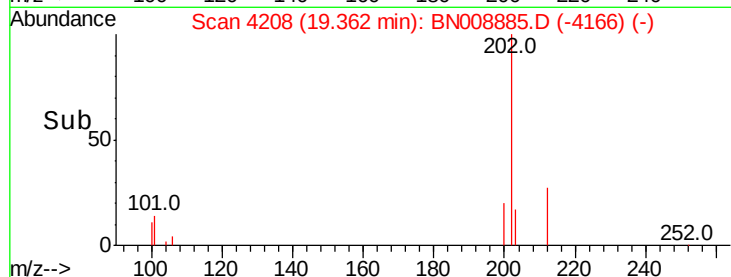
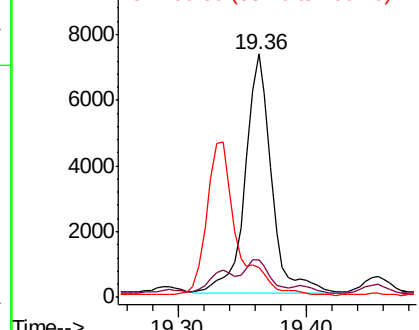
#17
Pvrene
Concen: 0.201 ng/ul
RT: 19.36 min Scan# 4208
Delta R.T. -0.00 min
Lab File: BN008885.D
Acq: 07 Dec 2019 12:04

Instrument :
BNA_N
ClientSampleId :

Tot Ion:202 Resp: 10319
Ion Ratio Lower Upper
202 100
101 15.3 12.2 18.4
100 12.1 9.5 14.3

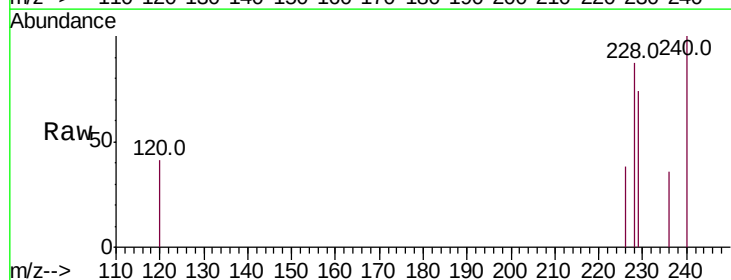


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

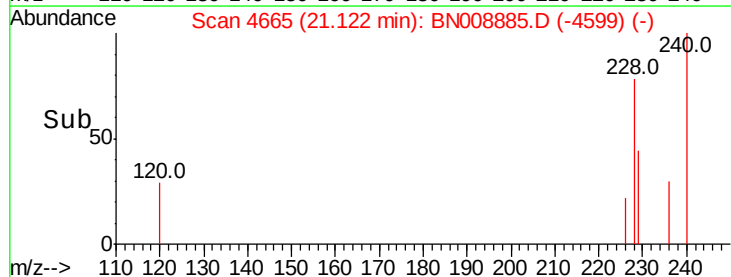
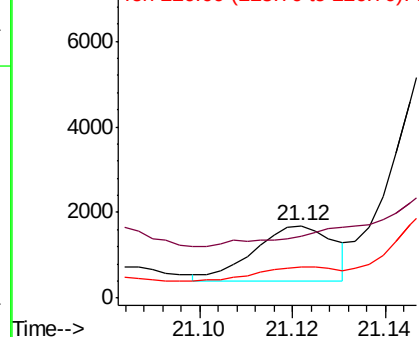


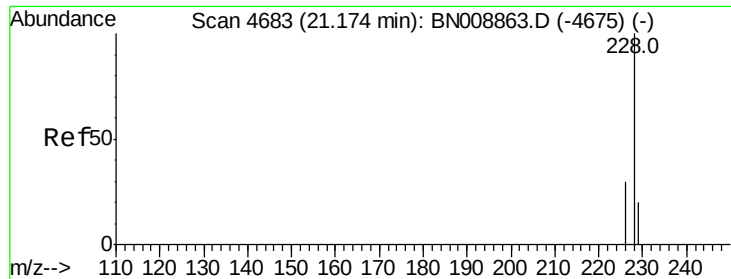
#18
Benzo(a)anthracene
Concen: 0.031 ng/ul
RT: 21.12 min Scan# 4665
Delta R.T. -0.01 min
Lab File: BN008885.D
Acq: 07 Dec 2019 12:04

Tgt Ion:228 Resp: 1567
Ion Ratio Lower Upper
228 100
229 85.4 15.7 23.5#
226 43.9 21.5 32.3#



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.229 ng/ul

RT: 21.17 min Scan# 4682

Delta R.T. -0.01 min

Lab File: BN008885.D

Acq: 07 Dec 2019 12:04

Instrument :

BNA_N

ClientSampleId :

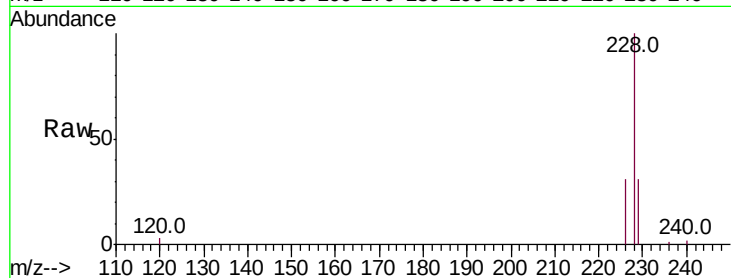
Tot Ion:228 Resp: 11574

Ion Ratio Lower Upper

228 100

226 31.5 23.8 35.6

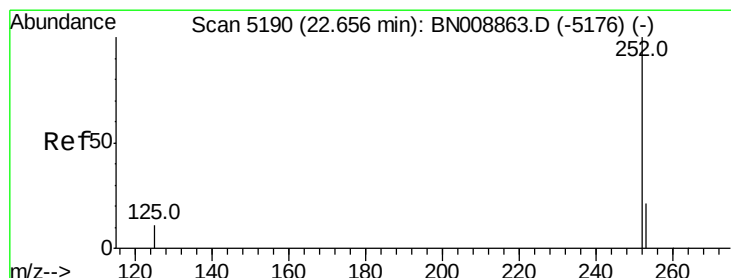
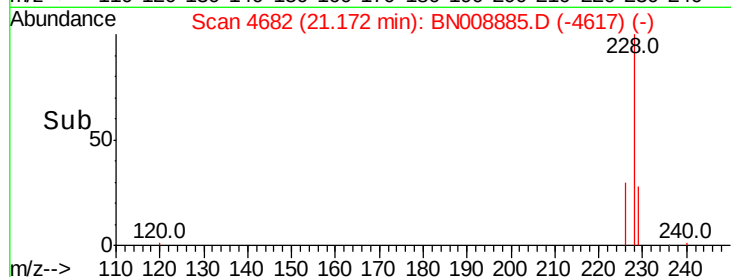
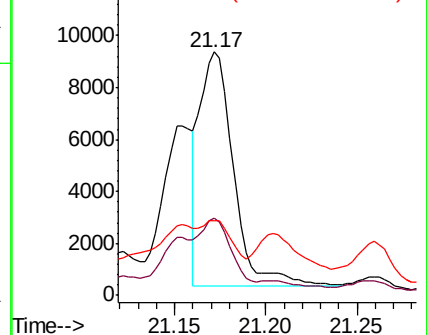
229 30.8 15.6 23.4#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#21

Benzo(b)fluoranthene

Concen: 0.180 ng/ul

RT: 22.65 min Scan# 5188

Delta R.T. -0.01 min

Lab File: BN008885.D

Acq: 07 Dec 2019 12:04

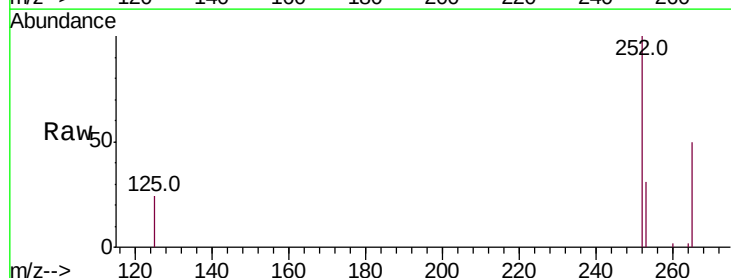
Tgt Ion:252 Resp: 10752

Ion Ratio Lower Upper

252 100

253 30.6 0.0 48.6

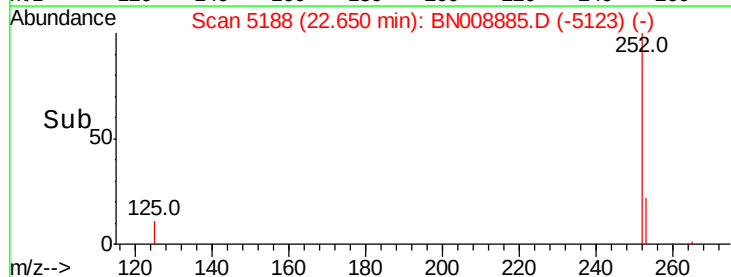
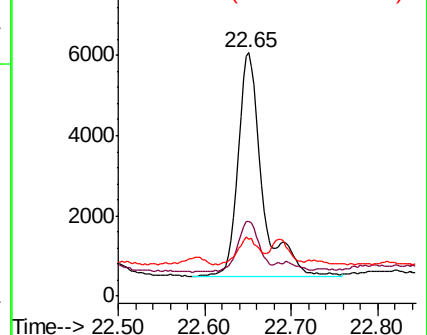
125 23.5 0.0 31.6

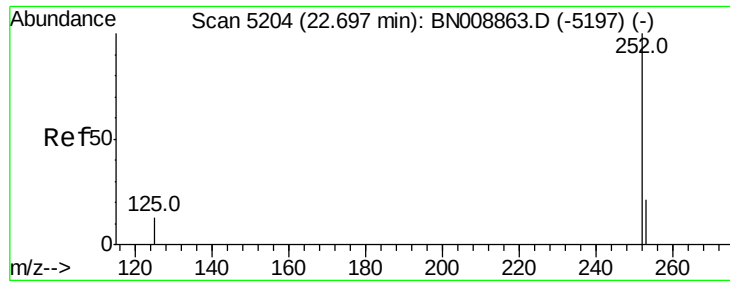


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.182 ng/ul

RT: 22.65 min Scan# 5188

Delta R.T. -0.05 min

Lab File: BN008885.D

Acq: 07 Dec 2019 12:04

Instrument :

BNA_N

ClientSampleId :

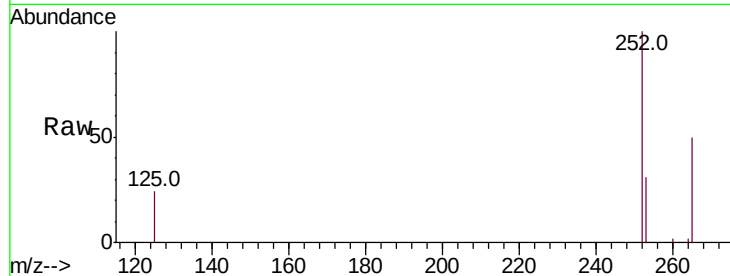
Tot Ion:252 Resp: 10752

Ion Ratio Lower Upper

252 100

253 30.6 19.6 29.4#

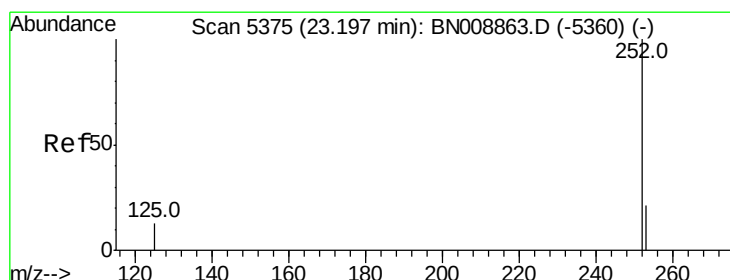
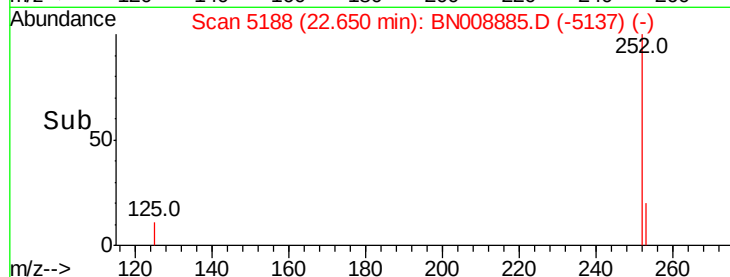
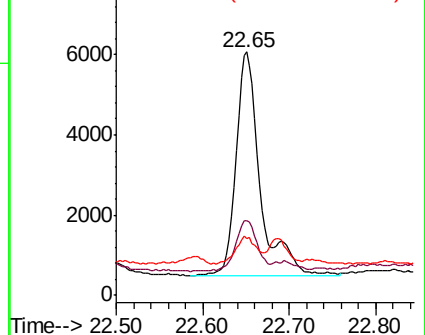
125 23.5 13.8 20.6#



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: 0.032 ng/ul

RT: 23.19 min Scan# 5373

Delta R.T. -0.01 min

Lab File: BN008885.D

Acq: 07 Dec 2019 12:04

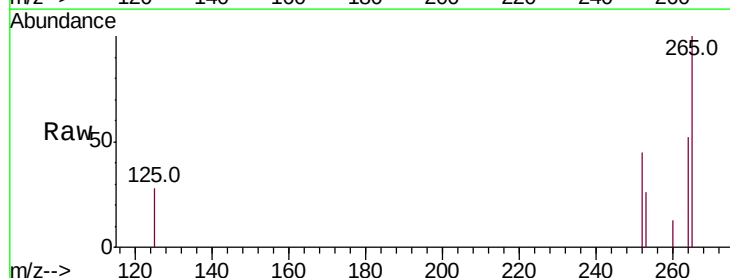
Tgt Ion:252 Resp: 1781

Ion Ratio Lower Upper

252 100

253 57.6 19.9 29.9#

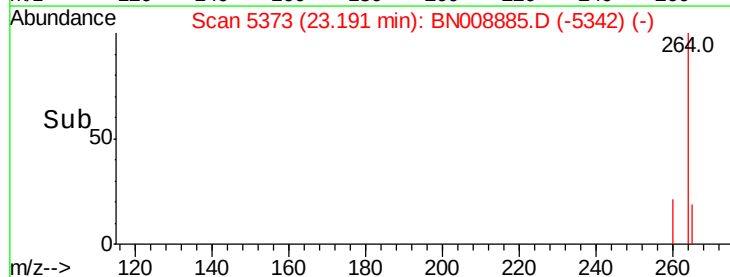
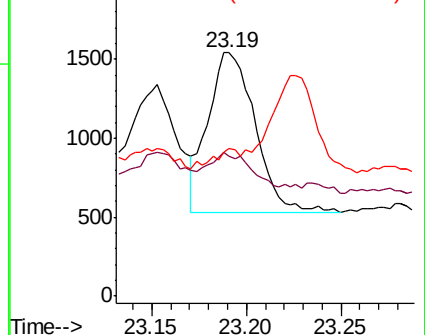
125 60.7 14.6 22.0#

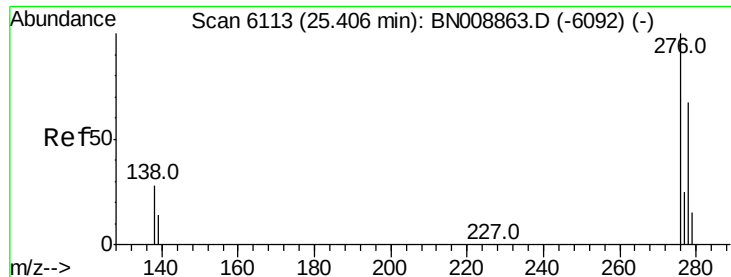


Abundance Ion 252.00 (251.70 to 252.70): E

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: 0.027 ng/ul

RT: 25.40 min Scan# 6110

Delta R.T. -0.02 min

Lab File: BN008885.D

Acq: 07 Dec 2019 12:04

Instrument :

BNA_N

ClientSampled :

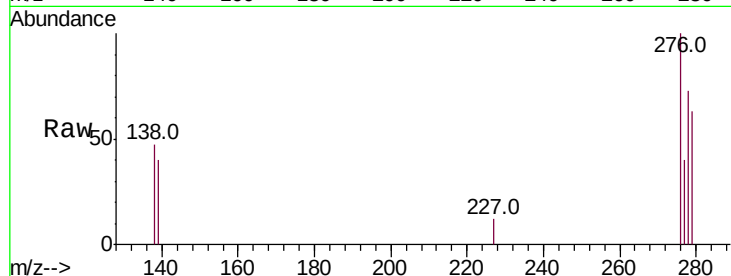
Tot Ion:276 Resp: 1791

Ion Ratio Lower Upper

276 100

138 38.0 23.8 35.6#

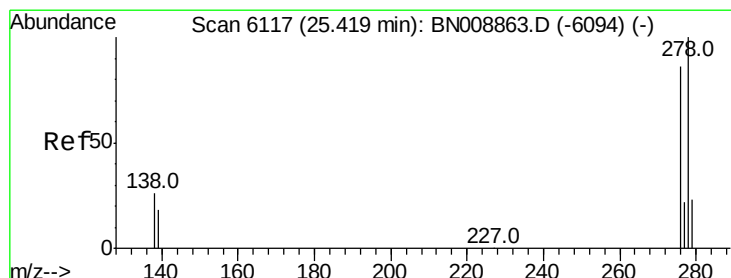
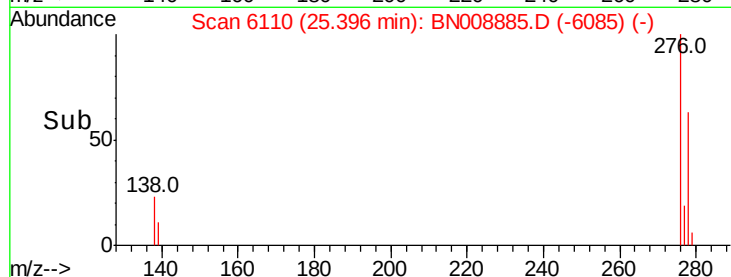
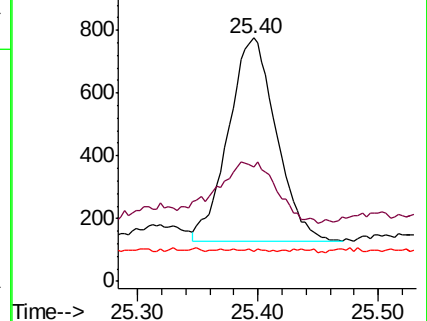
227 0.9 0.2 0.2#



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: 0.028 ng/ul

RT: 25.40 min Scan# 6112

Delta R.T. -0.02 min

Lab File: BN008885.D

Acq: 07 Dec 2019 12:04

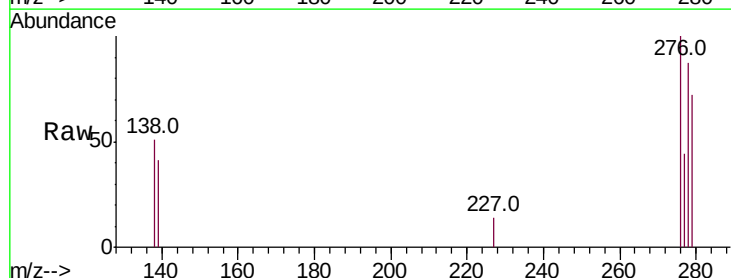
Tgt Ion:278 Resp: 1478

Ion Ratio Lower Upper

278 100

139 46.9 17.4 26.0#

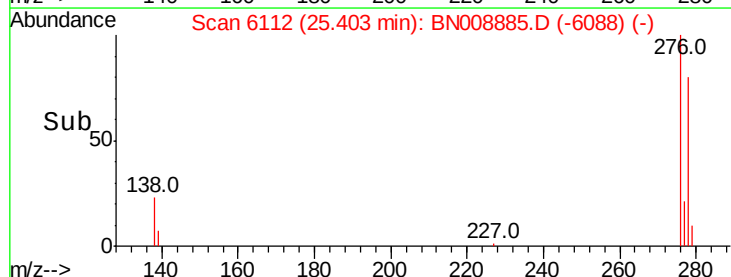
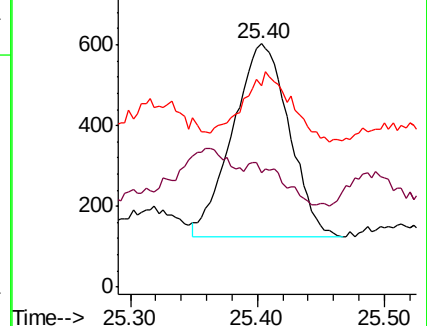
279 82.9 20.5 30.7#

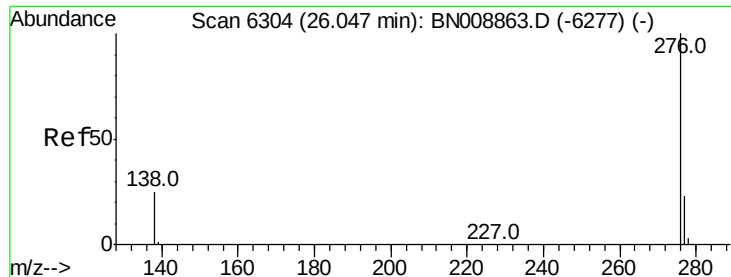


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#26

Benzo(a,h,i)perylene

Concen: 0.074 ng/ul

RT: 26.04 min Scan# 6301

Delta R.T. -0.02 min

Lab File: BN008885.D

Acq: 07 Dec 2019 12:04

Instrument :

BNA_N

ClientSampleId :

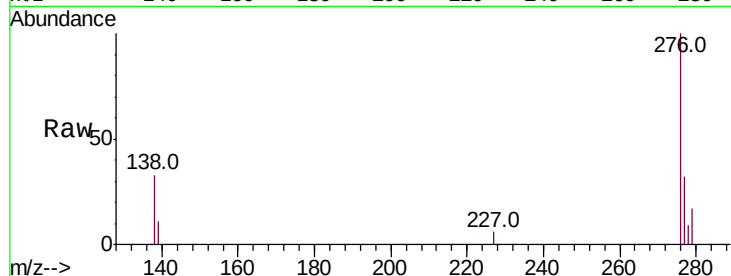
Tot Ion: 276 Resp: 4084

Ion Ratio Lower Upper

276 100

138 33.1 21.9 32.9#

277 31.6 19.9 29.9#



Abundance Ion 276.00 (275.70 to 276.70): E

2000 Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

