

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN102419\
 Data File : BN008379.D
 Acq On : 24 Oct 2019 10:04
 Operator : JU
 Sample : K5235-04DL 5X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPB2DL

Quant Time: Oct 24 14:05:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN101019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 24 13:52:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	1341	0.40	ng/ul	0.00
2) Naphthalene-d8	10.34	136	6284	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.21	164	4075	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.96	188	8633	0.40	ng/ul	0.00
16) Chrysene-d12	21.16	240	7151	0.40	ng/ul	0.00
20) Perylene-d12	23.33	264	4995	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	11.95	152	414	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.00	212	1258	0.04	ng/ul	0.00

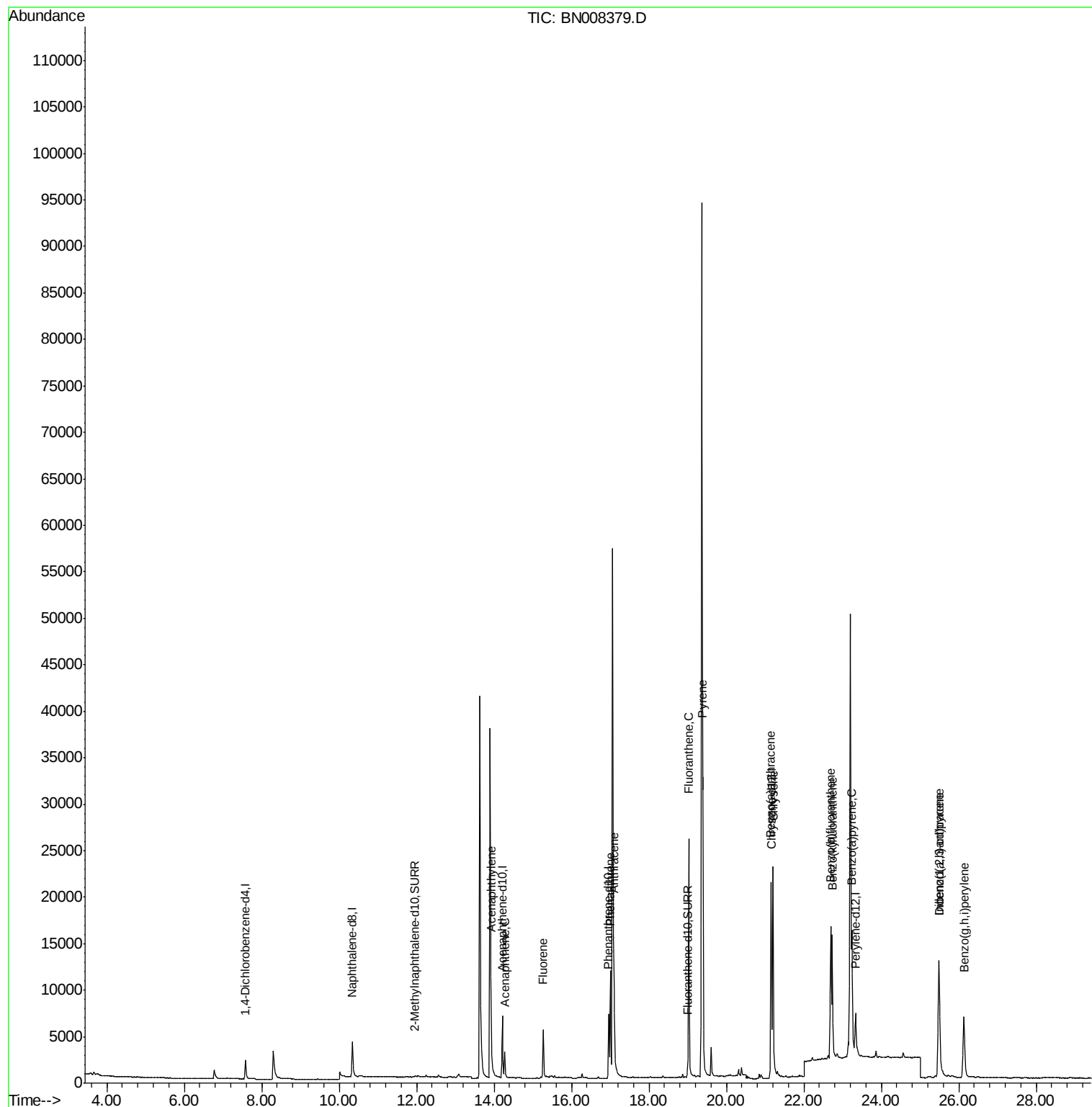
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
7) Acenaphthylene	13.93	152	1642	0.085	ng/ul#	91
8) Acenaphthene	14.27	153	1723	0.114	ng/ul	96
9) Fluorene	15.27	166	3830	0.223	ng/ul	98
12) Phenanthrene	17.00	178	13296	0.526	ng/ul	100
13) Anthracene	17.09	178	13139	0.591	ng/ul	100
15) Fluoranthene	19.03	202	23960	0.718	ng/ul	98
17) Pyrene	19.39	202	26545	0.932	ng/ul	99
18) Benzo(a)anthracene	21.15	228	19344	0.744	ng/ul	99
19) Chrysene	21.20	228	23139	0.725	ng/ul	100
21) Benzo(b)fluoranthene	22.69	252	18599	1.144	ng/ul	96
22) Benzo(k)fluoranthene	22.73	252	17487	0.949	ng/ul	96
23) Benzo(a)pyrene	23.24	252	15346	0.897	ng/ul	95
24) Indeno(1,2,3-cd)pyrene	25.48	276	16488	0.818	ng/ul#	91
25) Dibenzo(a,h)anthracene	25.49	278	12534	0.787	ng/ul	99
26) Benzo(g,h,i)perylene	26.13	276	14359	0.777	ng/ul	97

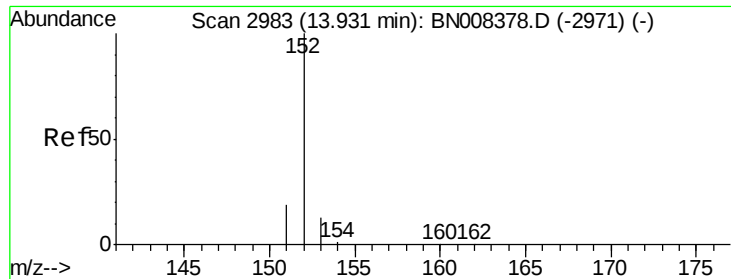
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 24 13:52:48 2019
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#7

Acenaphthylene

Concen: 0.085 ng/ul

RT: 13.93 min Scan# 2982

Delta R.T. -0.00 min

Lab File: BN008379.D

Acq: 24 Oct 2019 10:04

Instrument :

BNA_N

ClientSampleId :

BEPB2DL

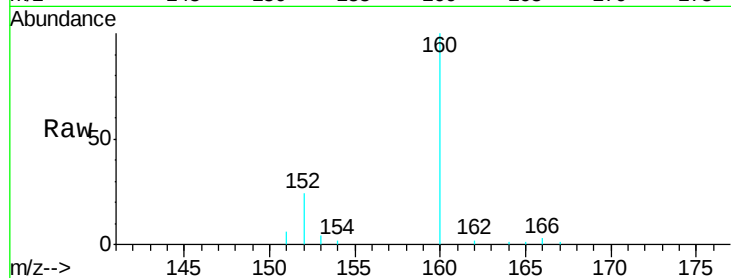
Tgt Ion:152 Resp: 1642

Ion Ratio Lower Upper

152 100

151 24.0 16.2 24.4

153 18.3 11.0 16.4#



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

1200

1000

800

600

400

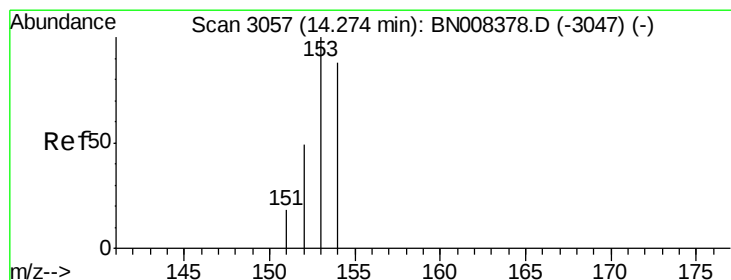
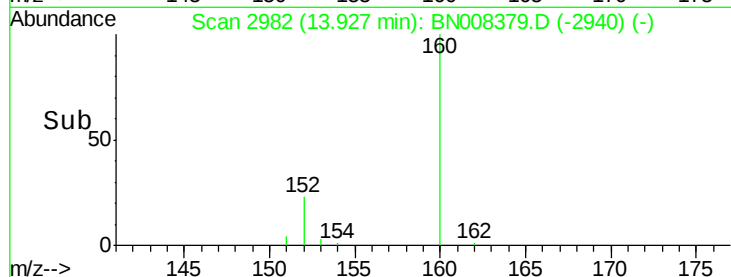
200

0

13.80

14.00

Time-->



#8

Acenaphthene

Concen: 0.114 ng/ul

RT: 14.27 min Scan# 3057

Delta R.T. 0.00 min

Lab File: BN008379.D

Acq: 24 Oct 2019 10:04

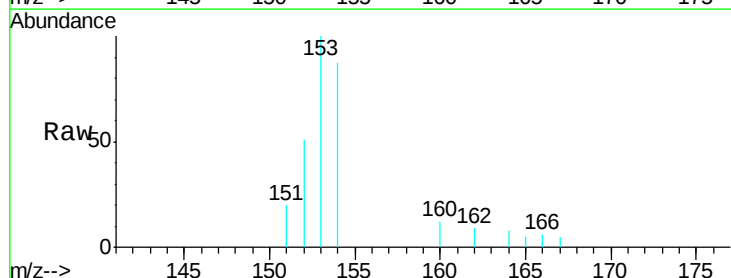
Tgt Ion:153 Resp: 1723

Ion Ratio Lower Upper

153 100

152 51.5 38.2 57.2

154 87.4 71.8 107.8



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

1500

1000

500

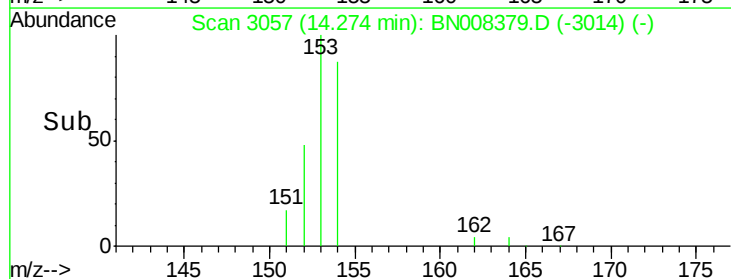
0

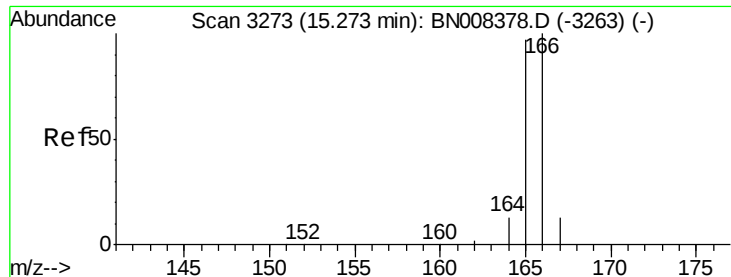
14.20

14.30

14.40

Time-->





#9

Fluorene

Concen: 0.223 ng/ul

RT: 15.27 min Scan# 3272

Delta R.T. -0.00 min

Lab File: BN008379.D

Acq: 24 Oct 2019 10:04

Instrument :

BNA_N

ClientSampleId :

BEPB2DL

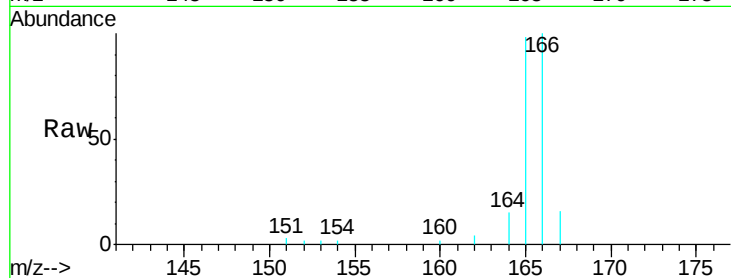
Tgt Ion:166 Resp: 3830

Ion Ratio Lower Upper

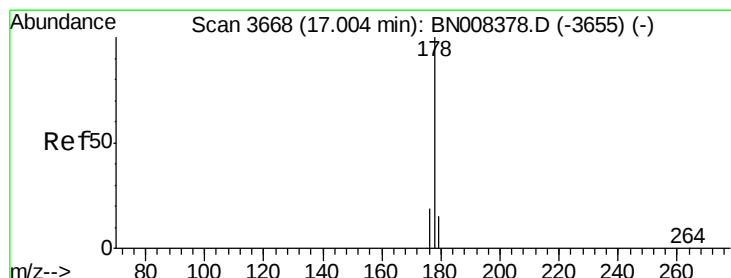
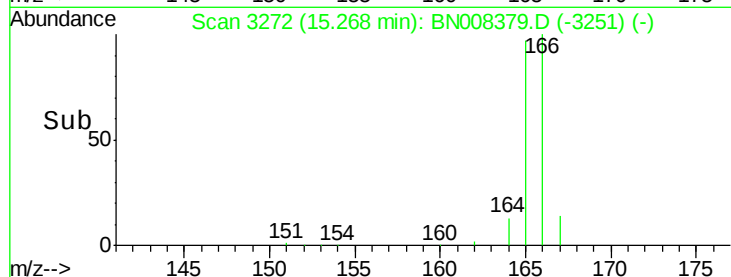
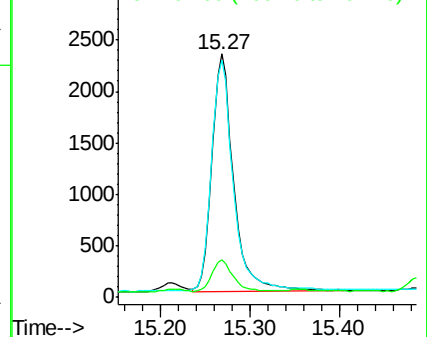
166 100

165 97.6 76.6 115.0

167 15.6 11.7 17.5



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: 0.526 ng/ul

RT: 17.00 min Scan# 3667

Delta R.T. -0.00 min

Lab File: BN008379.D

Acq: 24 Oct 2019 10:04

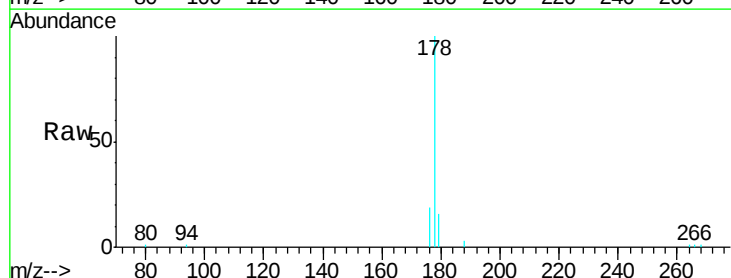
Tgt Ion:178 Resp: 13296

Ion Ratio Lower Upper

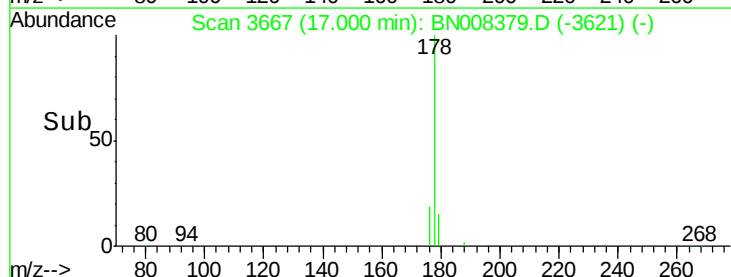
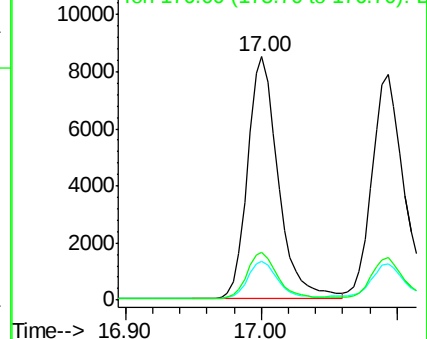
178 100

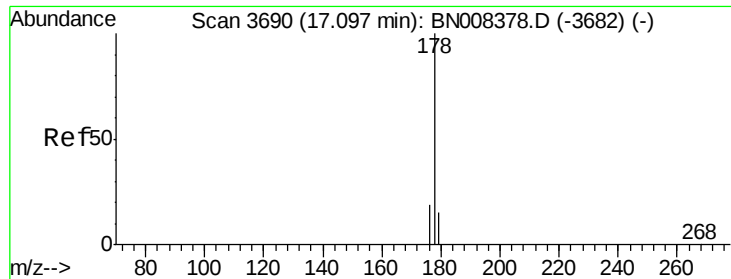
179 15.9 12.8 19.2

176 19.4 15.4 23.2



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: 0.591 ng/ul

RT: 17.09 min Scan# 3689

Delta R.T. -0.00 min

Lab File: BN008379.D

Acq: 24 Oct 2019 10:04

Instrument :

BNA_N

ClientSampleId :

BEPB2DL

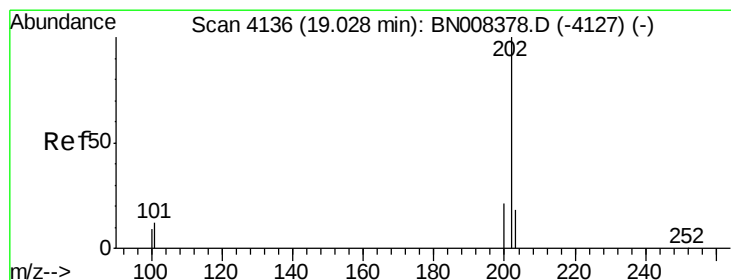
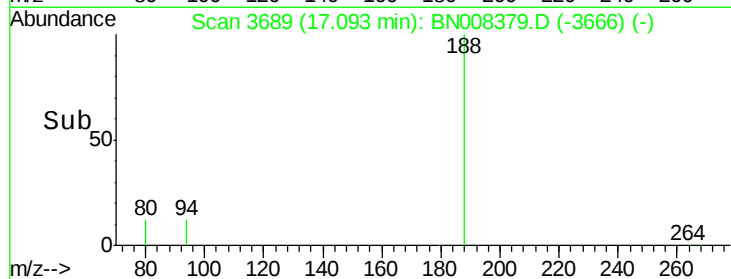
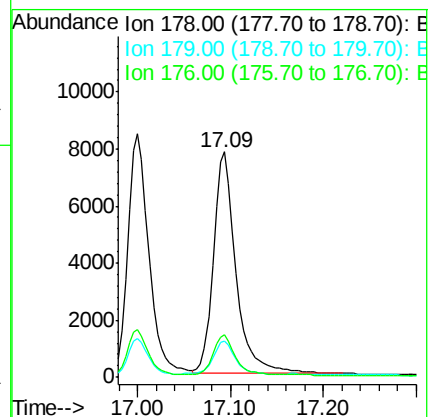
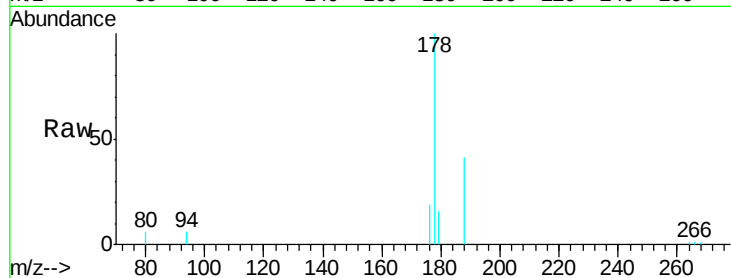
Tgt Ion:178 Resp: 13139

Ion Ratio Lower Upper

178 100

179 16.1 13.0 19.6

176 18.8 15.0 22.6



#15

Fluoranthene

Concen: 0.718 ng/ul

RT: 19.03 min Scan# 4136

Delta R.T. 0.00 min

Lab File: BN008379.D

Acq: 24 Oct 2019 10:04

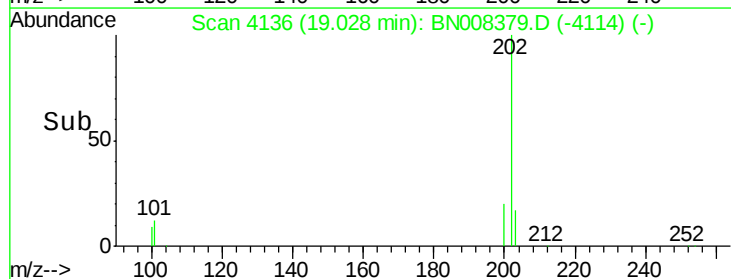
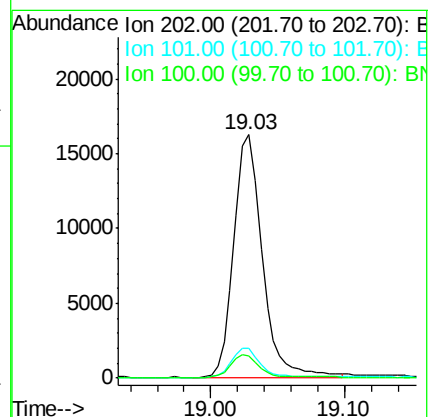
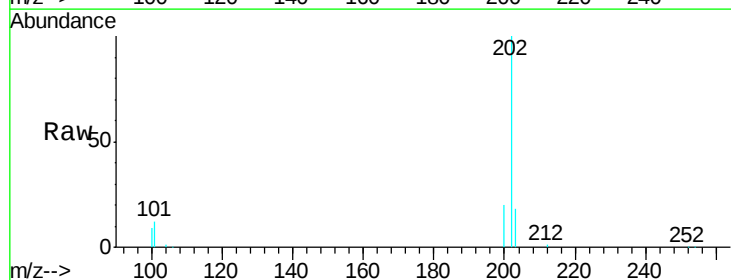
Tgt Ion:202 Resp: 23960

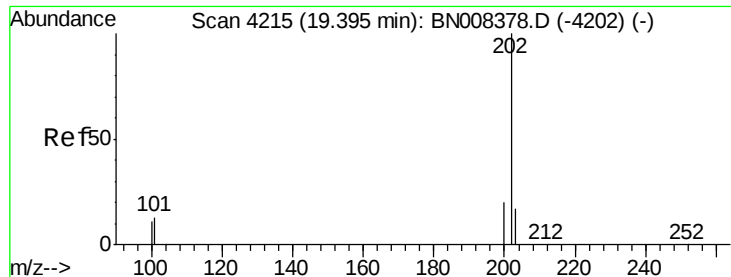
Ion Ratio Lower Upper

202 100

101 12.2 0.0 31.2

100 9.0 0.0 28.5





#17

Pyrene

Concen: 0.932 ng/ul

RT: 19.39 min Scan# 4214

Delta R.T. -0.00 min

Lab File: BN008379.D

Acq: 24 Oct 2019 10:04

Instrument :

BNA_N

ClientSampleId :

BEPB2DL

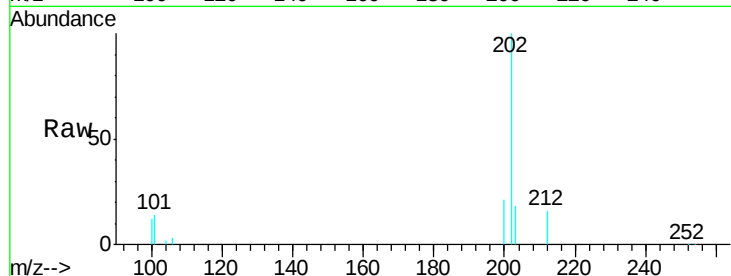
Tgt Ion:202 Resp: 26545

Ion Ratio Lower Upper

202 100

101 13.9 10.9 16.3

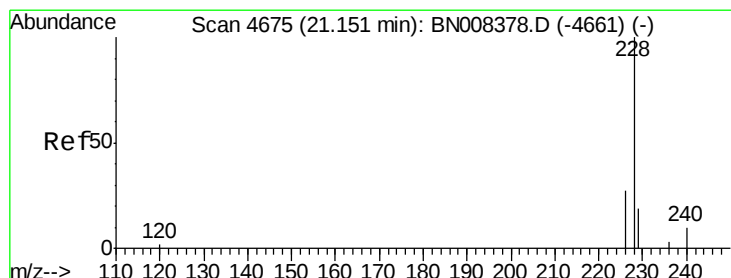
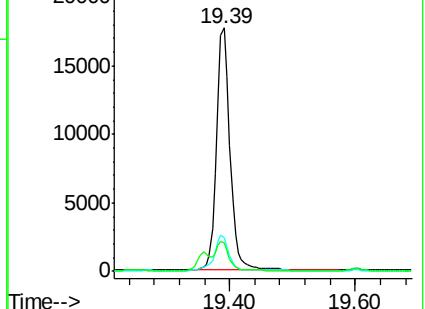
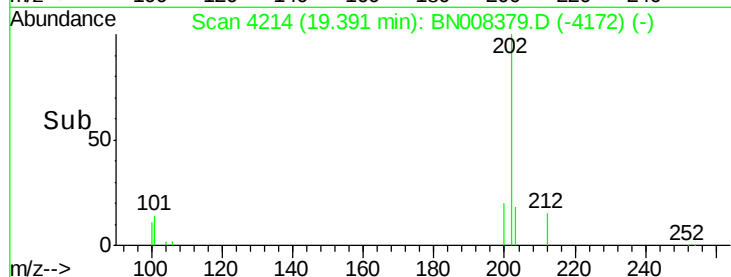
100 11.6 8.7 13.1



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: 0.744 ng/ul

RT: 21.15 min Scan# 4674

Delta R.T. -0.00 min

Lab File: BN008379.D

Acq: 24 Oct 2019 10:04

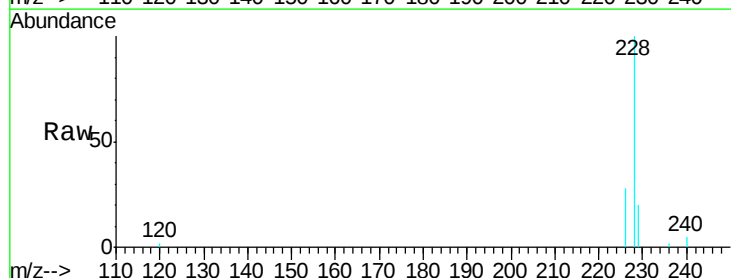
Tgt Ion:228 Resp: 19344

Ion Ratio Lower Upper

228 100

229 20.4 16.2 24.2

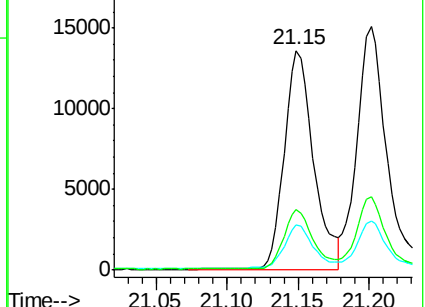
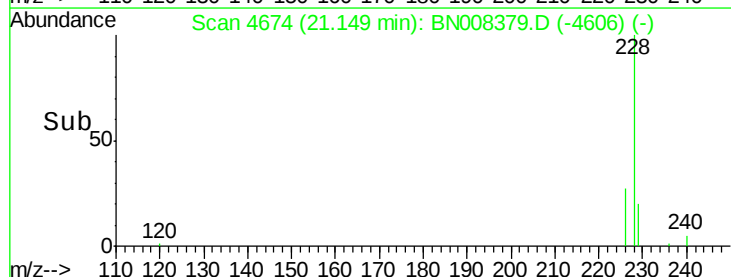
226 27.6 21.4 32.0

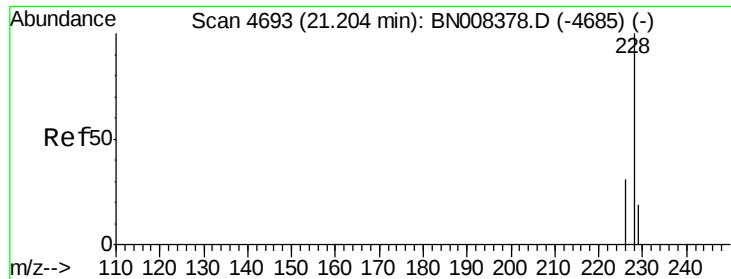


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.725 ng/ul

RT: 21.20 min Scan# 4692

Delta R.T. -0.00 min

Lab File: BN008379.D

Acq: 24 Oct 2019 10:04

Instrument :

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ClientSampleId :

BEPB2DL

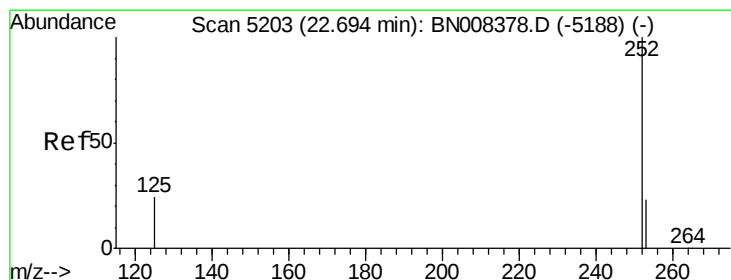
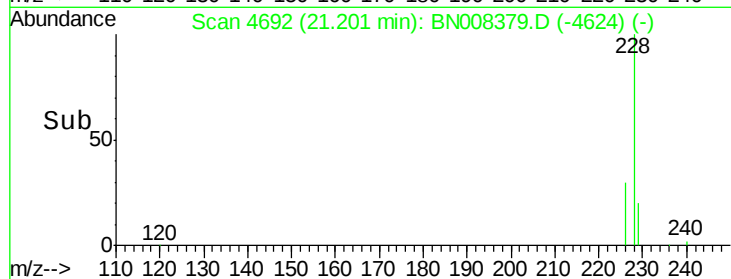
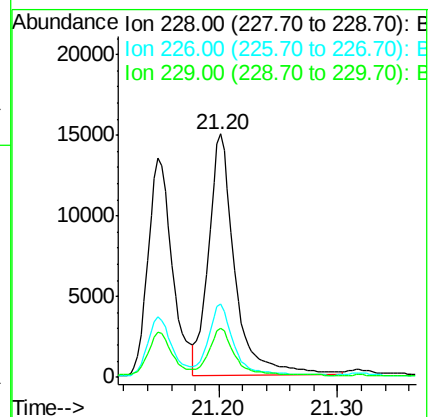
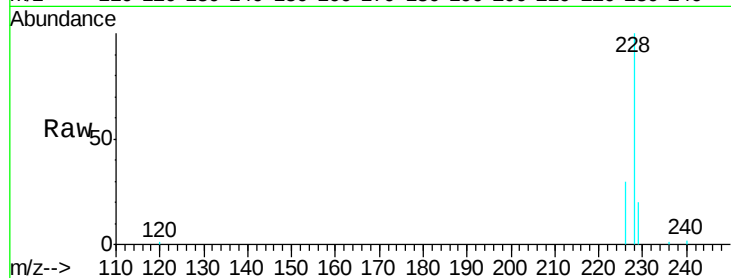
Tgt Ion:228 Resp: 23139

Ion Ratio Lower Upper

228 100

226 30.0 24.1 36.1

229 20.3 16.2 24.2



#21

Benzo(b)fluoranthene

Concen: 1.144 ng/ul

RT: 22.69 min Scan# 5201

Delta R.T. -0.01 min

Lab File: BN008379.D

Acq: 24 Oct 2019 10:04

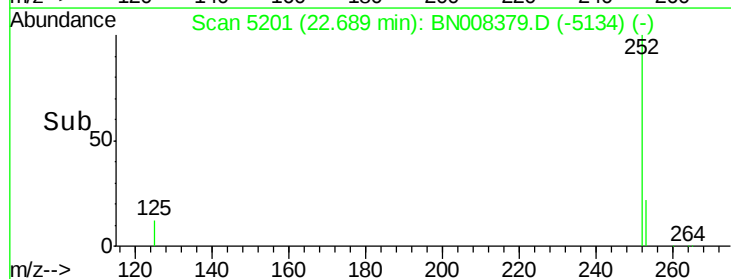
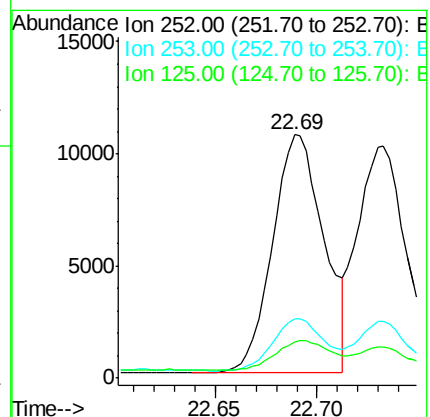
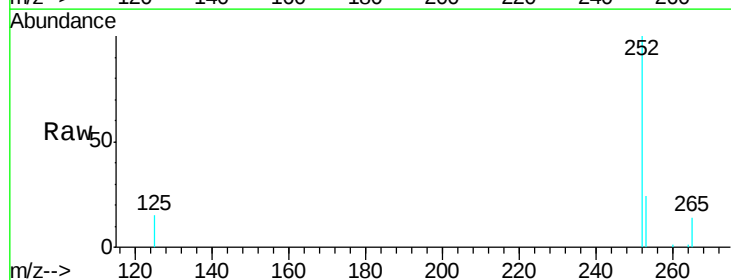
Tgt Ion:252 Resp: 18599

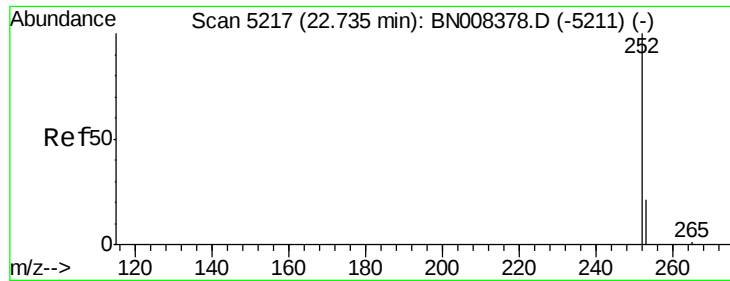
Ion Ratio Lower Upper

252 100

253 24.4 0.0 53.4

125 15.0 0.0 32.4





#22

Benzo(k)fluoranthene

Concen: 0.949 ng/ul

RT: 22.73 min Scan# 5216

Delta R.T. -0.00 min

Lab File: BN008379.D

Acq: 24 Oct 2019 10:04

Instrument :

BNA_N

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BEPB2DL

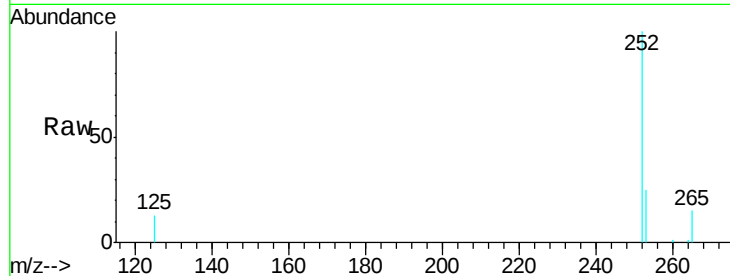
Tgt Ion:252 Resp: 17487

Ion Ratio Lower Upper

252 100

253 24.6 21.3 31.9

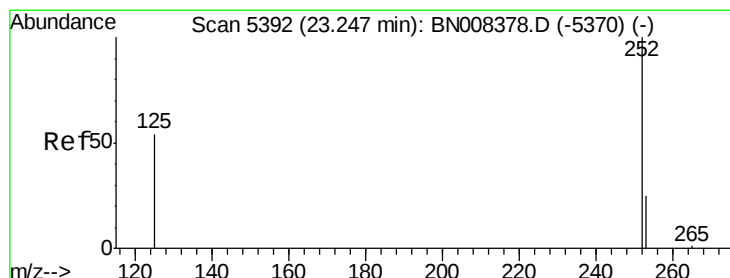
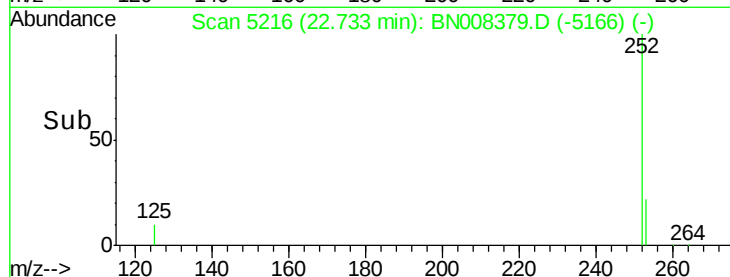
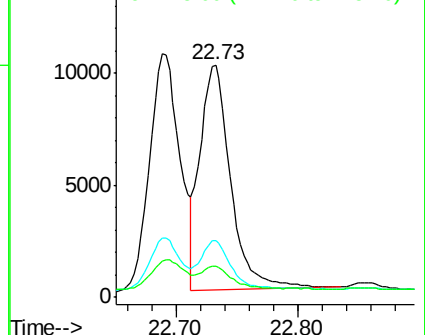
125 13.3 12.3 18.5



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: 0.897 ng/ul

RT: 23.24 min Scan# 5389

Delta R.T. -0.01 min

Lab File: BN008379.D

Acq: 24 Oct 2019 10:04

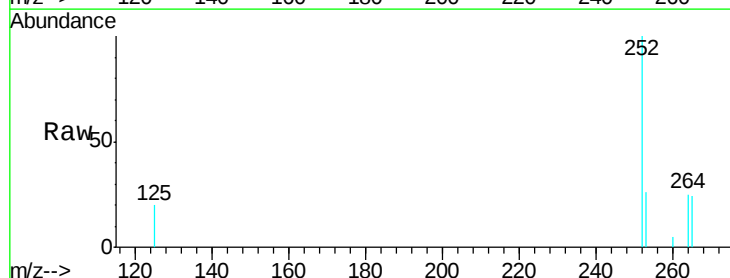
Tgt Ion:252 Resp: 15346

Ion Ratio Lower Upper

252 100

253 25.8 22.8 34.2

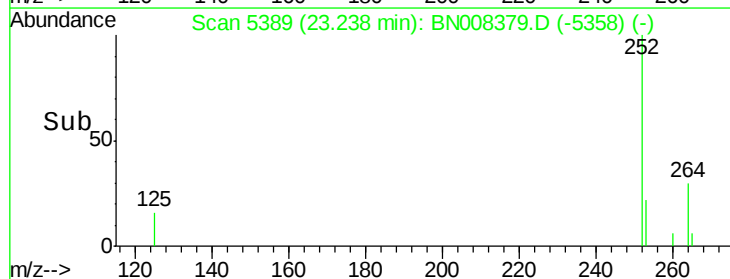
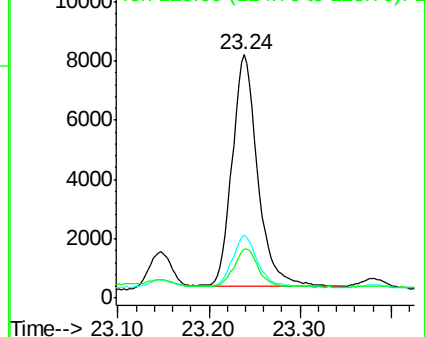
125 20.4 18.4 27.6

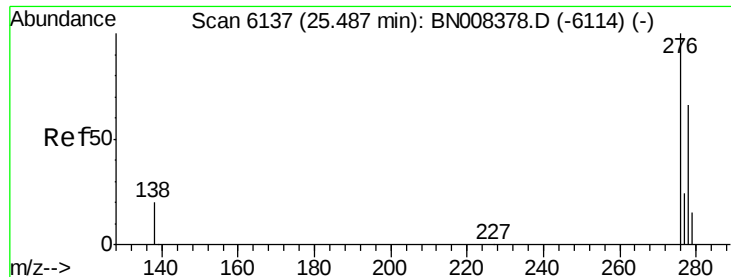


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



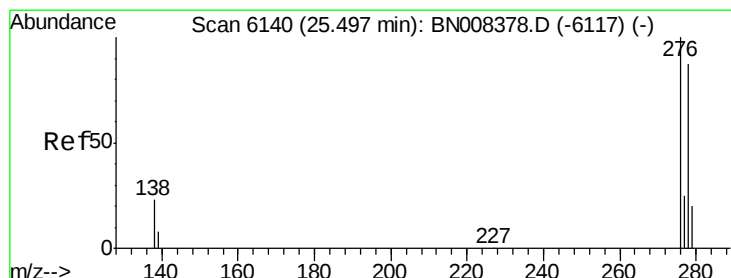
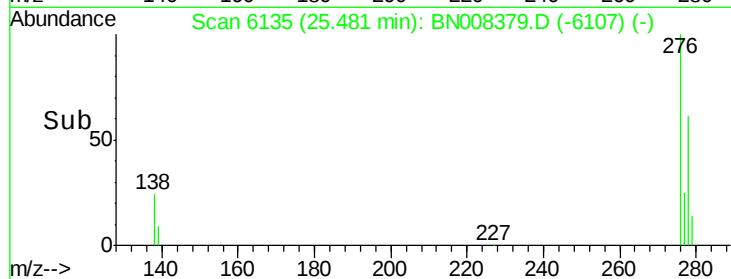
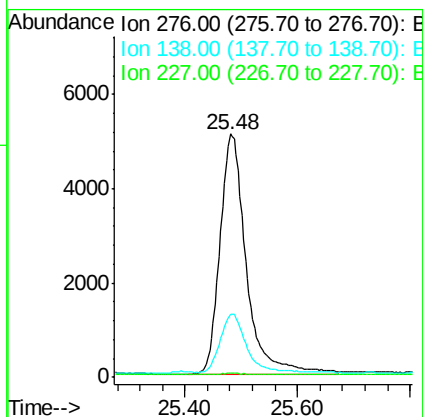
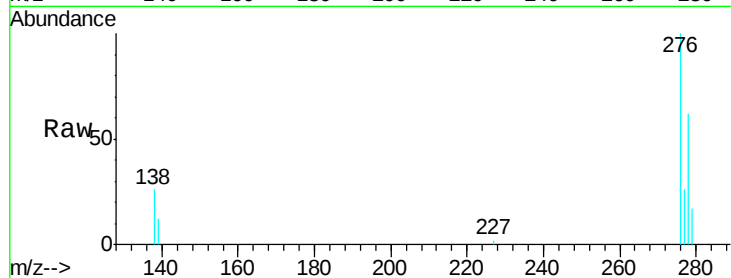


#24

Indeno(1,2,3-cd)pyrene
Concen: 0.818 ng/ul
RT: 25.48 min Scan# 6135
Delta R.T. -0.01 min
Lab File: BN008379.D
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Instrument :
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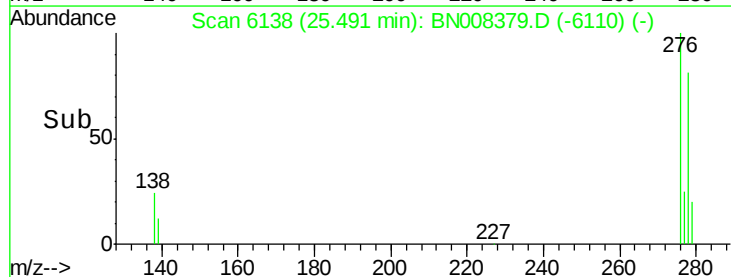
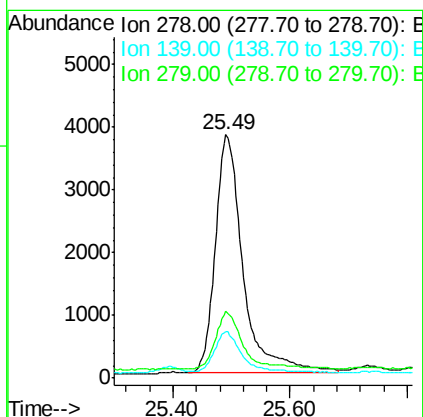
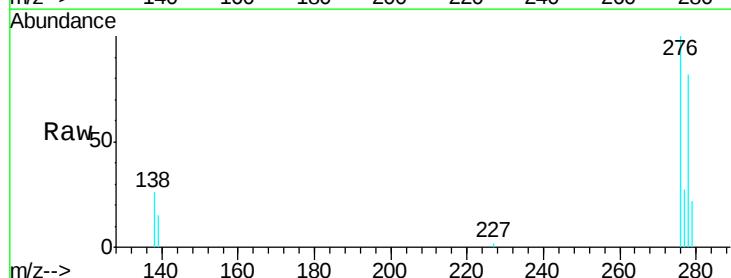
Tgt Ion: 276 Resp: 16488
Ion Ratio Lower Upper
276 100
138 24.3 16.1 24.1#
227 0.3 0.2 0.2#

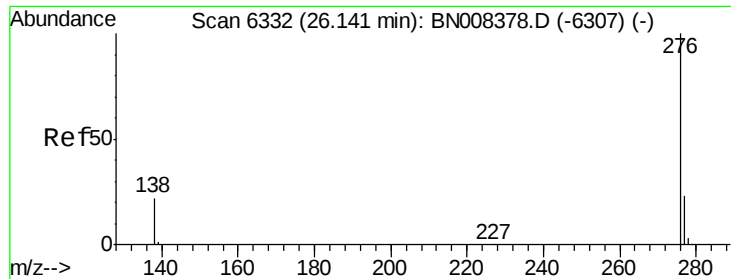


#25

Dibenzo(a,h)anthracene
Concen: 0.787 ng/ul
RT: 25.49 min Scan# 6138
Delta R.T. -0.01 min
Lab File: BN008379.D
Acq: 24 Oct 2019 10:04

Tgt Ion: 278 Resp: 12534
Ion Ratio Lower Upper
278 100
139 18.9 15.0 22.6
279 27.4 22.4 33.6





#26

Benzo(g,h,i)perylene

Concen: 0.777 ng/ul

RT: 26.13 min Scan# 6329

Delta R.T. -0.01 min

Lab File: BN008379.D

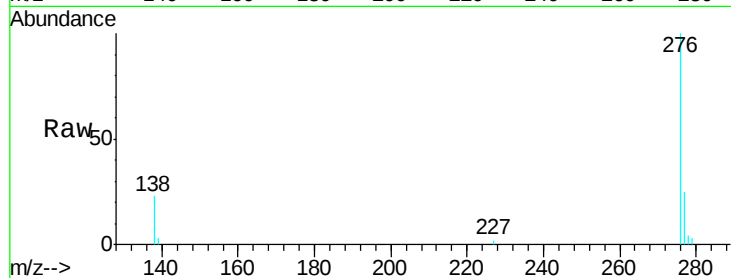
Acq: 24 Oct 2019 10:04

Instrument :

BNA_N

ClientSampleId :

BEPB2DL



Tgt Ion: 276 Resp: 14359

Ion Ratio Lower Upper

276 100

138 23.0 17.0 25.4

277 24.6 20.4 30.6

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

