

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021621\
 Data File : BN013633.D
 Acq On : 16 Feb 2021 11:34
 Operator : CG/JU
 Sample : M1349-13
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBGP3

Quant Time: Feb 16 12:11:57 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN020421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 16 10:14:45 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	4954	0.40	ng/ul	0.00
2) Naphthalene-d8	10.31	136	18669	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.19	164	9684	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.94	188	19026	0.40	ng/ul	0.00
16) Chrysene-d12	21.14	240	16752	0.40	ng/ul	0.00
20) Perylene-d12	23.31	264	14085	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.91	152	9218	0.35	ng/ul	0.00
14) Fluoranthene-d10	18.97	212	17191	0.37	ng/ul	0.00

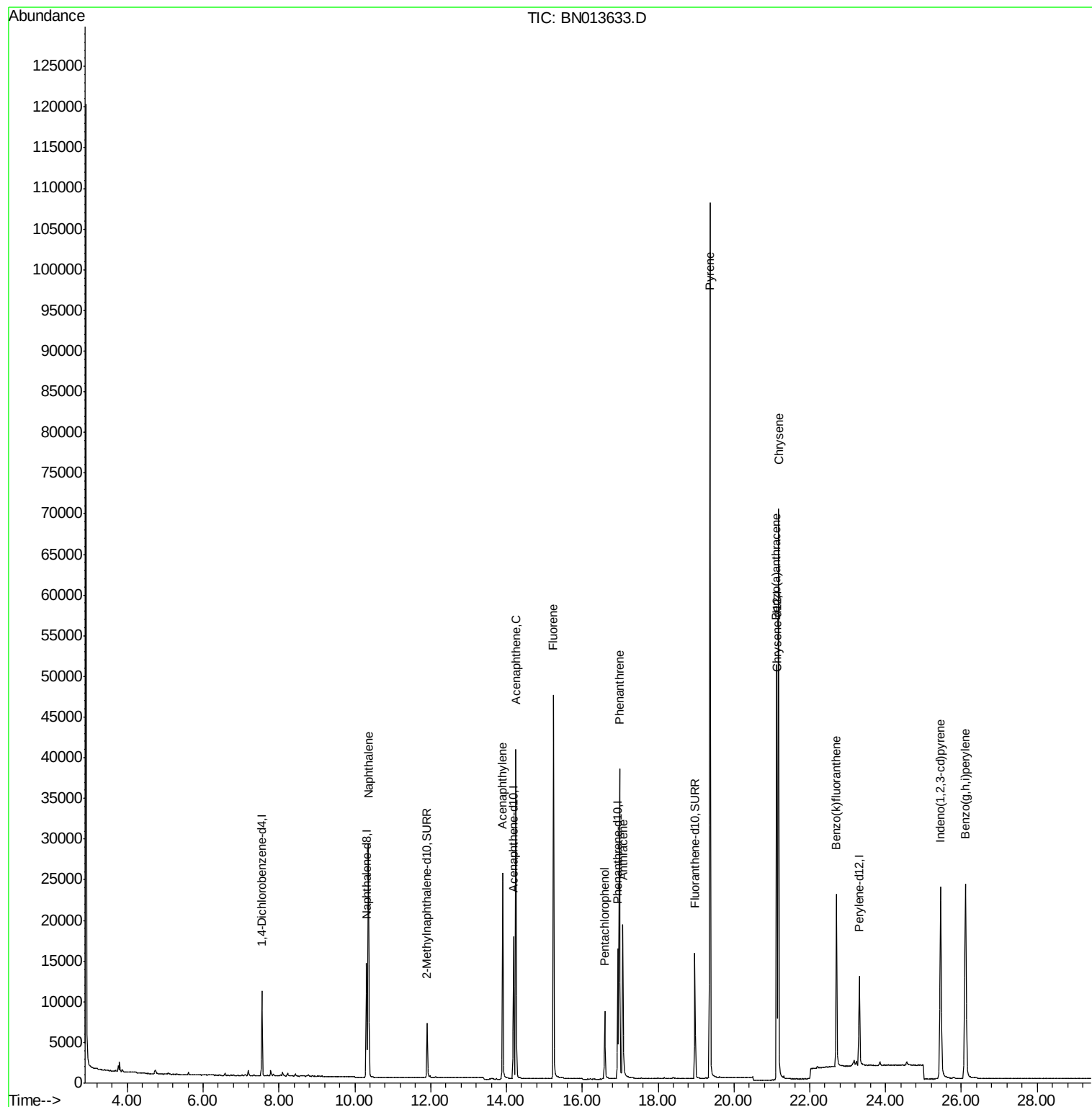
Target Compounds				Ovalue		
3) Naphthalene	10.36	128	40041	0.824	ng/ul	99
7) Acenaphthylene	13.90	152	28671	0.794	ng/ul	100
8) Acenaphthene	14.25	153	23615	0.735	ng/ul	99
9) Fluorene	15.24	166	31344	0.863	ng/ul	98
11) Pentachlorophenol	16.59	266	5879	2.538	ng/ul	99
12) Phenanthrene	16.98	178	40754	0.719	ng/ul	100
13) Anthracene	17.07	178	21799	0.464	ng/ul	100
17) Pyrene	19.37	202	92608	1.538	ng/ul	99
18) Benzo(a)anthracene	21.12	228	40135	0.738	ng/ul	99
19) Chrysene	21.17	228	60471	1.022	ng/ul	100
22) Benzo(k)fluoranthene	22.70	252	27310	0.458	ng/ul	99
24) Indeno(1,2,3-cd)pyrene	25.45	276	42644	0.693	ng/ul#	88
26) Benzo(g,h,i)perylene	26.11	276	48091	0.889	ng/ul	99

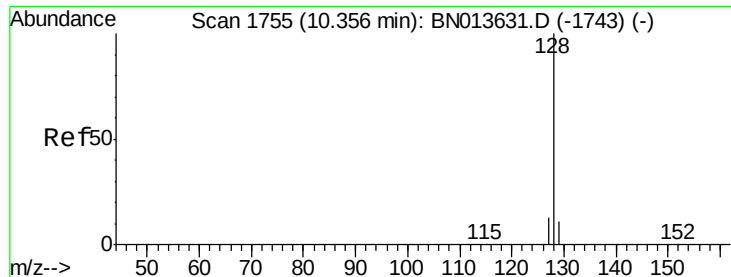
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.824 ng/ul

RT: 10.36 min Scan# 1755

Delta R.T. -0.00 min

Lab File: BN013633.D

Acq: 16 Feb 2021 11:34

Instrument :

BNA_N

ClientSampleId :

DBGP3

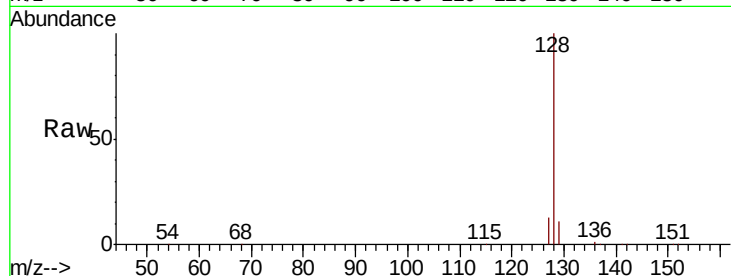
Tot Ion:128 Resp: 40041

Ion Ratio Lower Upper

128 100

129 11.1 9.1 13.7

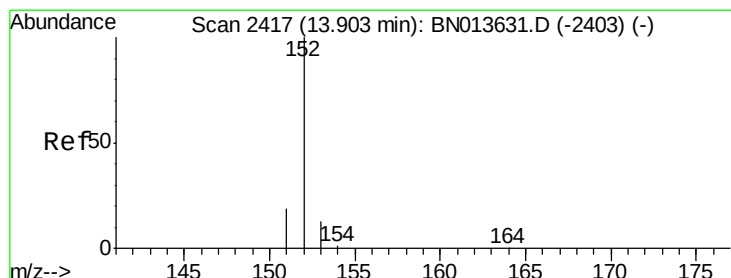
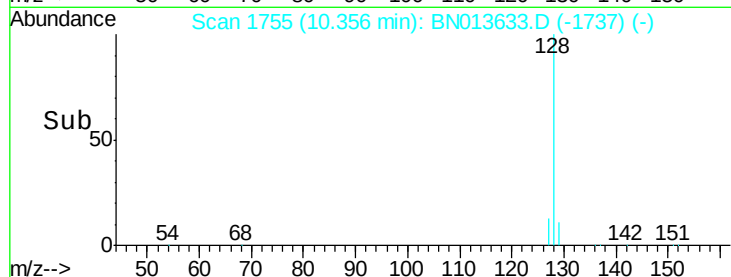
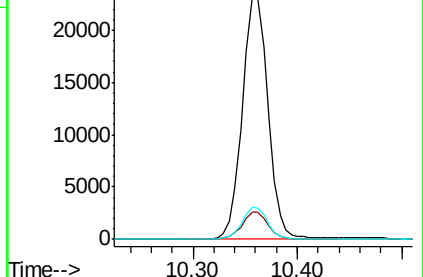
127 13.1 10.8 16.2



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: 0.794 ng/ul

RT: 13.90 min Scan# 2417

Delta R.T. 0.00 min

Lab File: BN013633.D

Acq: 16 Feb 2021 11:34

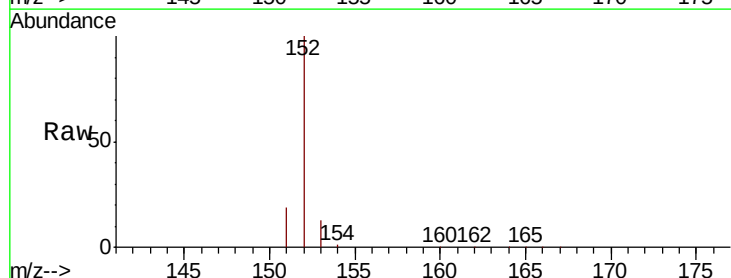
Tgt Ion:152 Resp: 28671

Ion Ratio Lower Upper

152 100

151 19.4 15.7 23.5

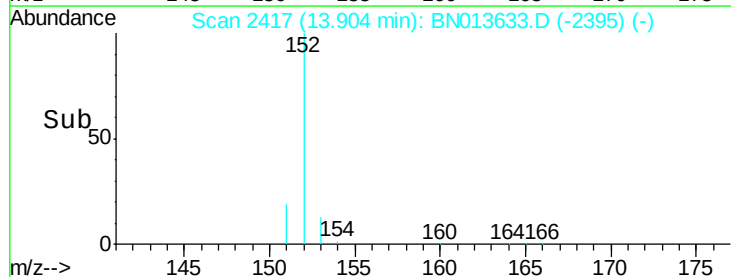
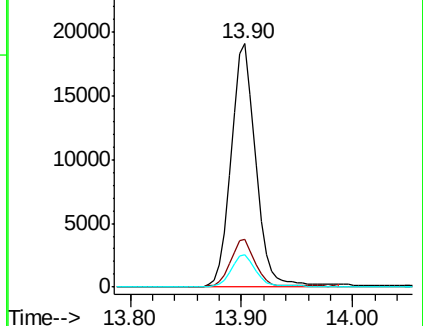
153 13.2 10.5 15.7

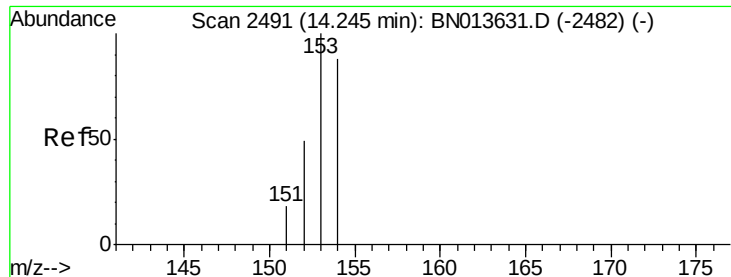


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#8

Acenaphthene

Concen: 0.735 ng/ul

RT: 14.25 min Scan# 2491

Delta R.T. 0.00 min

Lab File: BN013633.D

Acq: 16 Feb 2021 11:34

Instrument :

BNA_N

ClientSampleId :

DBGP3

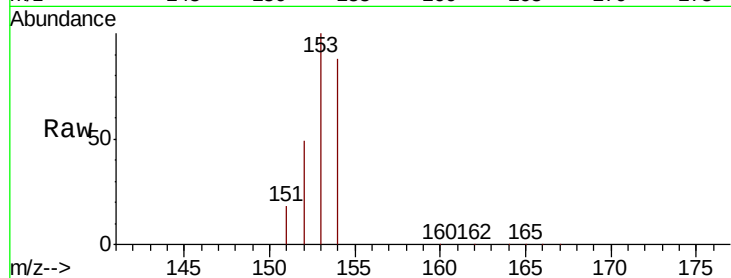
Tot Ion:153 Resp: 23615

Ion Ratio Lower Upper

153 100

152 49.2 39.0 58.4

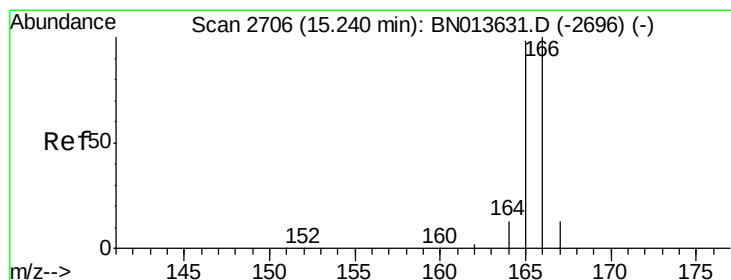
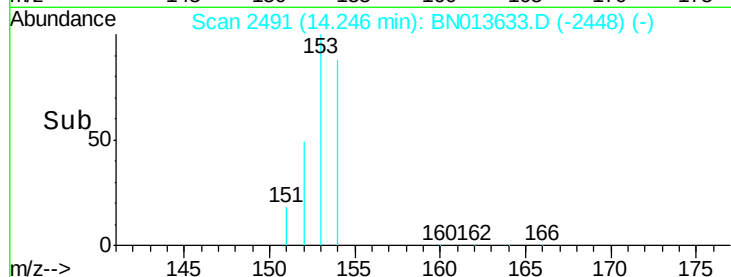
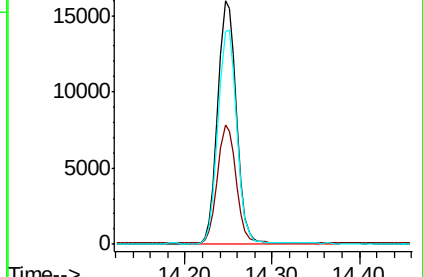
154 87.5 71.3 106.9



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



#9

Fluorene

Concen: 0.863 ng/ul

RT: 15.24 min Scan# 2706

Delta R.T. 0.00 min

Lab File: BN013633.D

Acq: 16 Feb 2021 11:34

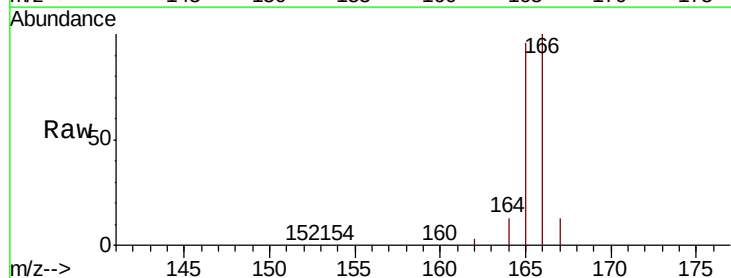
Tgt Ion:166 Resp: 31344

Ion Ratio Lower Upper

166 100

165 96.5 78.9 118.3

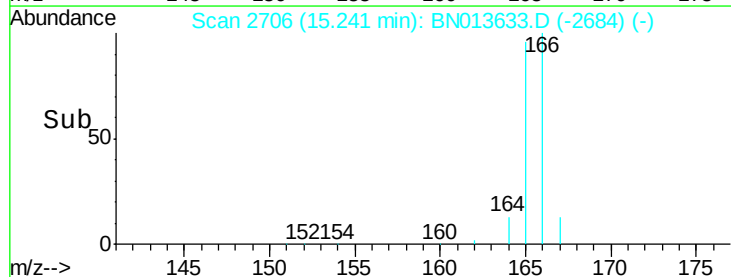
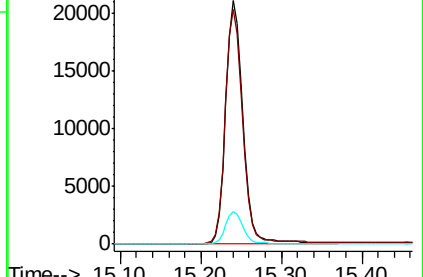
167 13.4 11.2 16.8

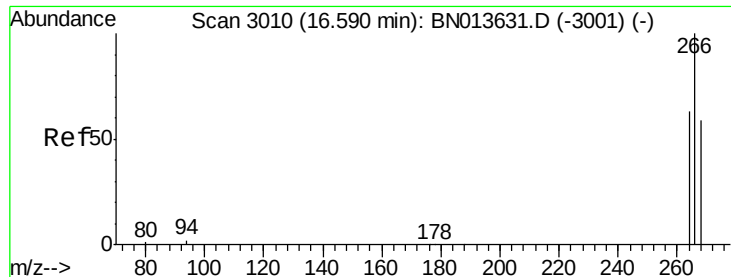


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

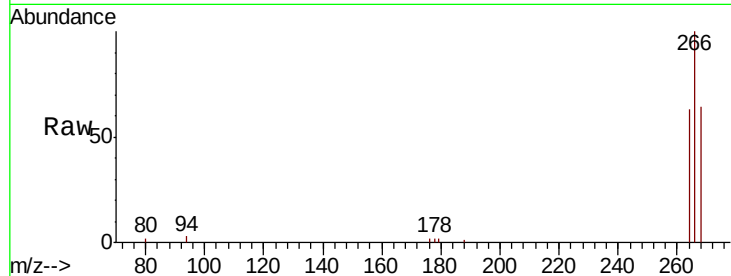




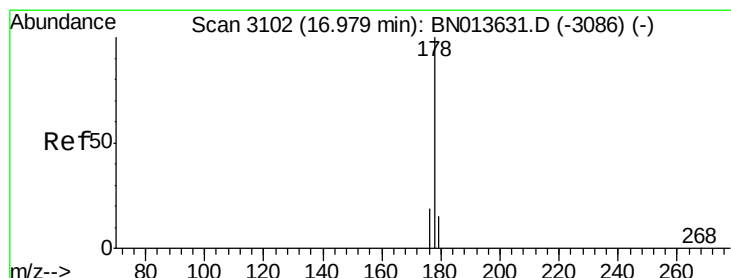
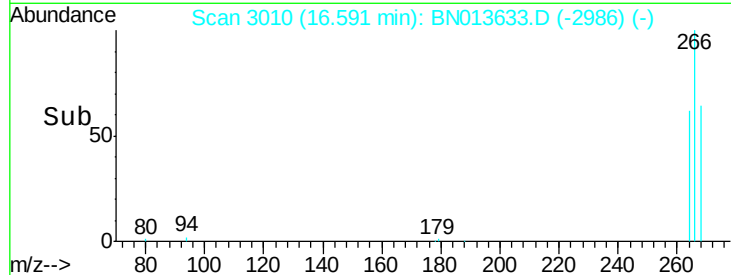
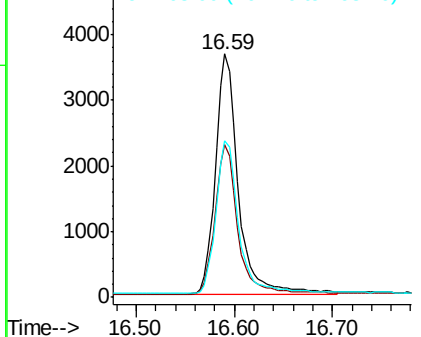
#11
 Pentachlorophenol
 Concen: 2.538 ng/ul
 RT: 16.59 min Scan# 3010
 Delta R.T. 0.00 min
 Lab File: BN013633.D
 Acq: 16 Feb 2021 11:34

Instrument :
 BNA_N
 ClientSampleId :
 DBG3

Tot Ion:266 Resp: 5879
 Ion Ratio Lower Upper
 266 100
 264 63.0 49.9 74.9
 268 64.4 51.2 76.8

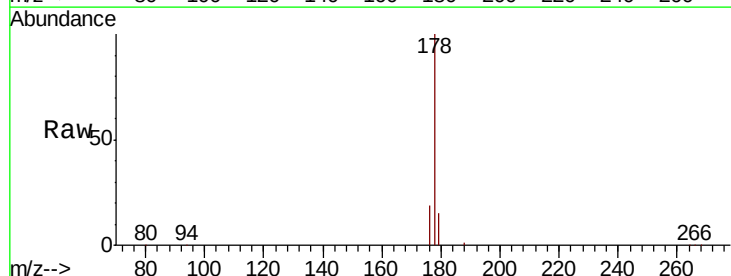


Abundance Ion 266.00 (265.70 to 266.70): E
 5000 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

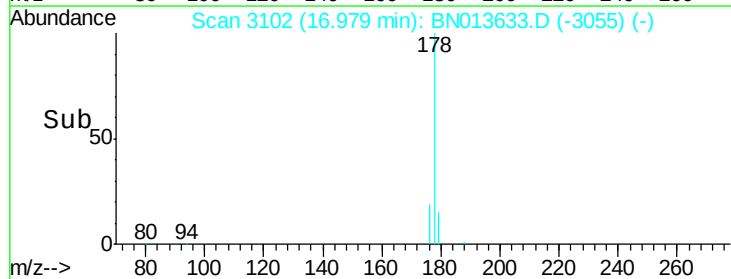
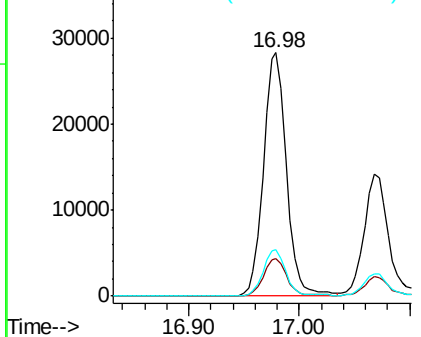


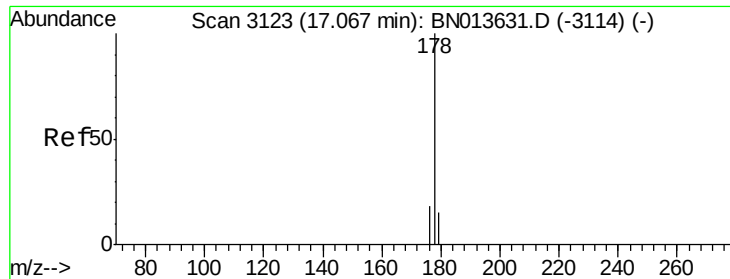
#12
 Phenanthrene
 Concen: 0.719 ng/ul
 RT: 16.98 min Scan# 3102
 Delta R.T. 0.00 min
 Lab File: BN013633.D
 Acq: 16 Feb 2021 11:34

Tgt Ion:178 Resp: 40754
 Ion Ratio Lower Upper
 178 100
 179 15.4 12.5 18.7
 176 19.0 15.2 22.8



Abundance Ion 178.00 (177.70 to 178.70): E
 30000 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E





#13

Anthracene

Concen: 0.464 ng/ul

RT: 17.07 min Scan# 3123

Delta R.T. 0.00 min

Lab File: BN013633.D

Acq: 16 Feb 2021 11:34

Instrument :

BNA_N

ClientSampleId :

DBGP3

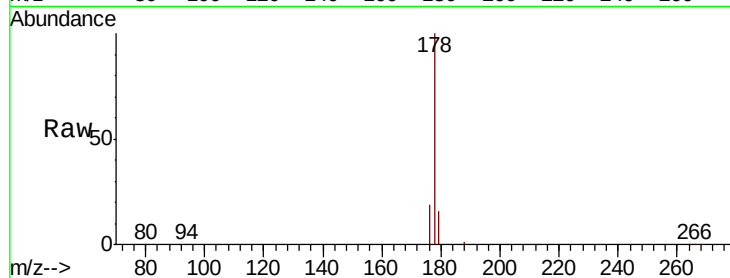
Tot Ion:178 Resp: 21799

Ion Ratio Lower Upper

178 100

179 15.5 12.4 18.6

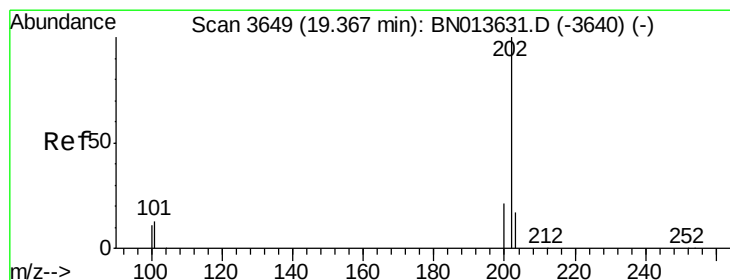
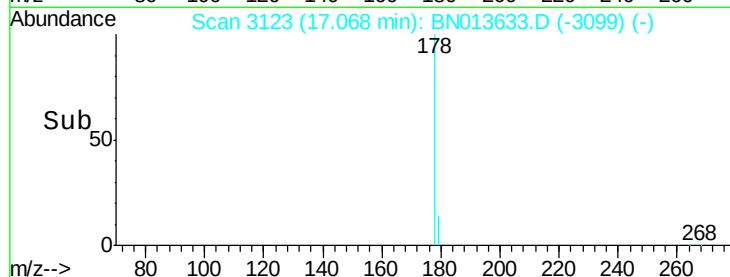
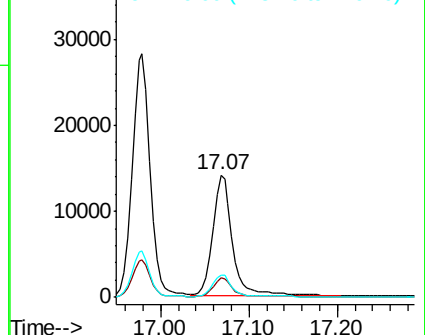
176 18.5 15.0 22.4



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



#17

Pyrene

Concen: 1.538 ng/ul

RT: 19.37 min Scan# 3649

Delta R.T. 0.00 min

Lab File: BN013633.D

Acq: 16 Feb 2021 11:34

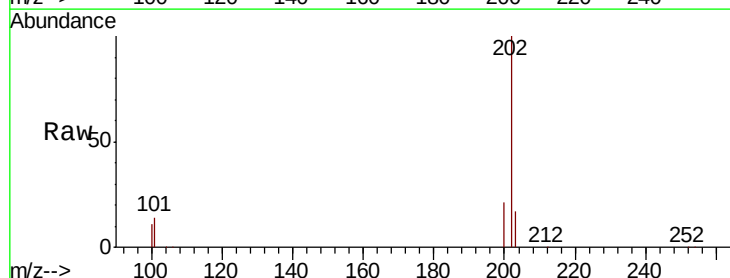
Tgt Ion:202 Resp: 92608

Ion Ratio Lower Upper

202 100

101 13.7 10.8 16.2

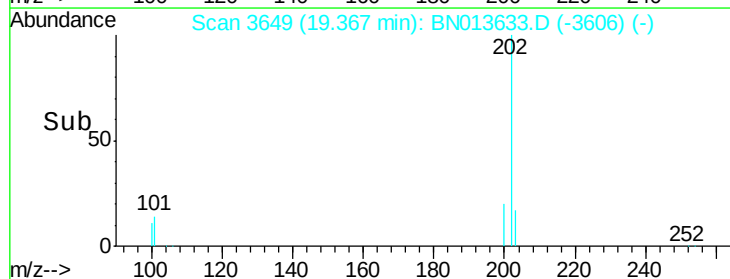
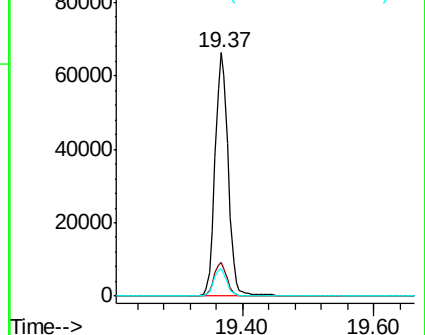
100 11.1 8.6 12.8

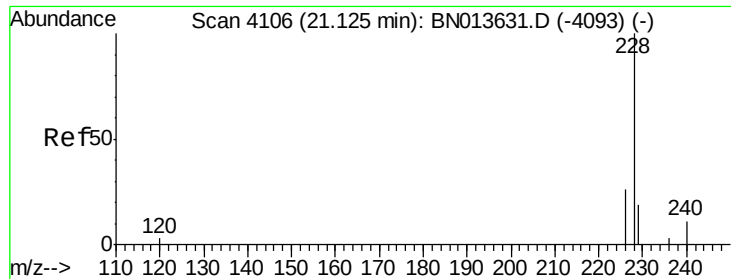


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.738 ng/ul

RT: 21.12 min Scan# 4106

Delta R.T. 0.00 min

Lab File: BN013633.D

Acq: 16 Feb 2021 11:34

Instrument :

BNA_N

ClientSampleId :

DBGP3

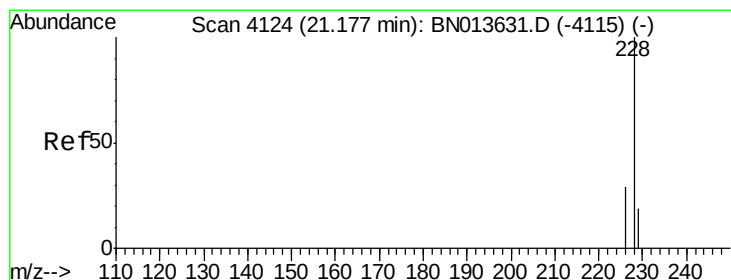
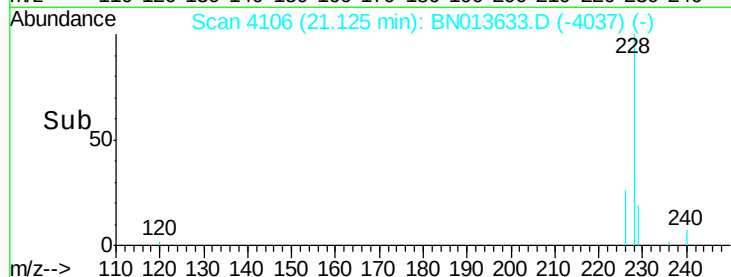
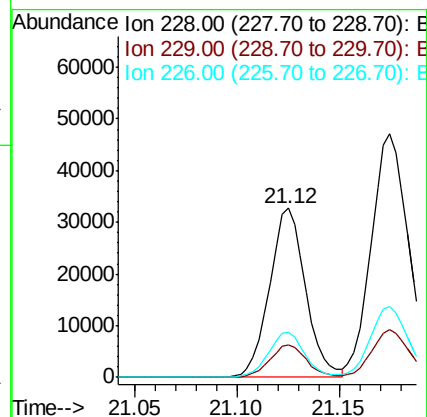
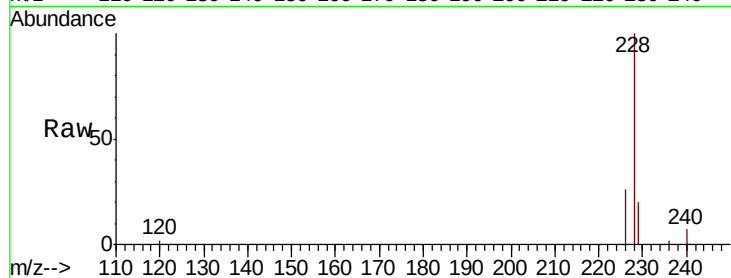
Tot Ion:228 Resp: 40135

Ion Ratio Lower Upper

228 100

229 19.6 15.7 23.5

226 26.4 21.6 32.4



#19

Chrysene

Concen: 1.022 ng/ul

RT: 21.17 min Scan# 4123

Delta R.T. -0.00 min

Lab File: BN013633.D

Acq: 16 Feb 2021 11:34

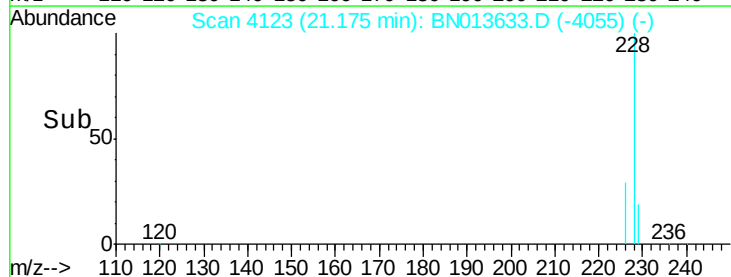
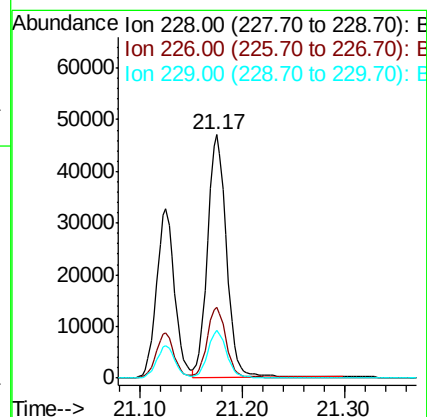
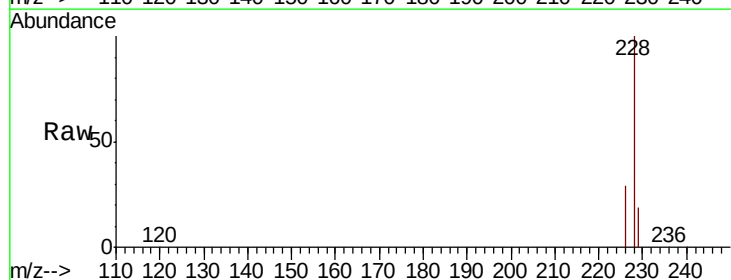
Tgt Ion:228 Resp: 60471

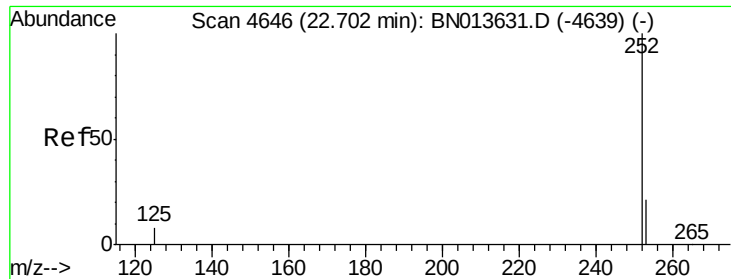
Ion Ratio Lower Upper

228 100

226 29.3 23.4 35.2

229 19.5 15.7 23.5





#22

Benzo(k)fluoranthene

Concen: 0.458 ng/ul

RT: 22.70 min Scan# 4646

Delta R.T. 0.00 min

Lab File: BN013633.D

Acq: 16 Feb 2021 11:34

Instrument :

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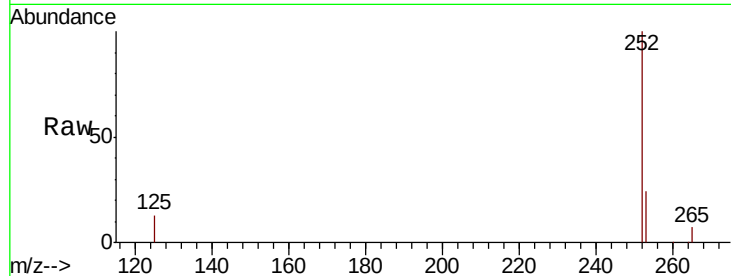
Tot Ion:252 Resp: 27310

Ion Ratio Lower Upper

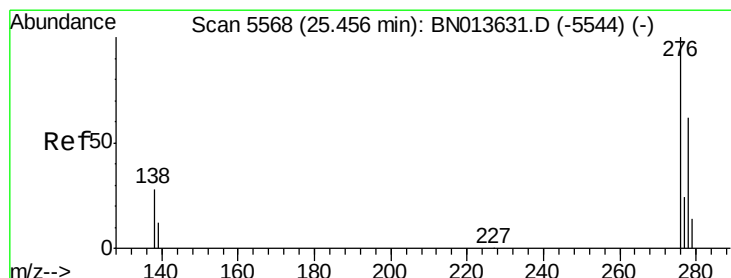
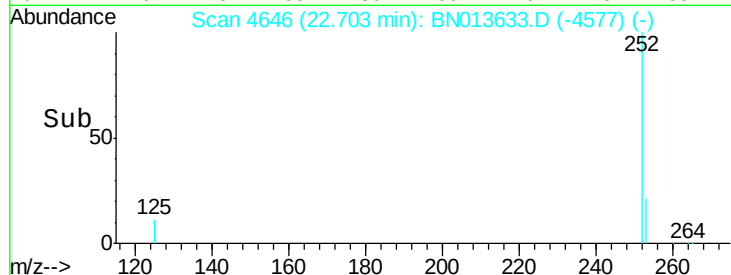
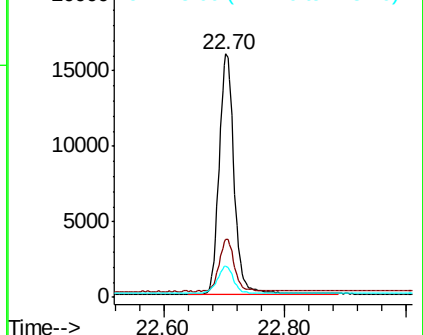
252 100

253 23.6 19.4 29.2

125 12.9 10.8 16.2



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: 0.693 ng/ul

RT: 25.45 min Scan# 5566

Delta R.T. -0.01 min

Lab File: BN013633.D

Acq: 16 Feb 2021 11:34

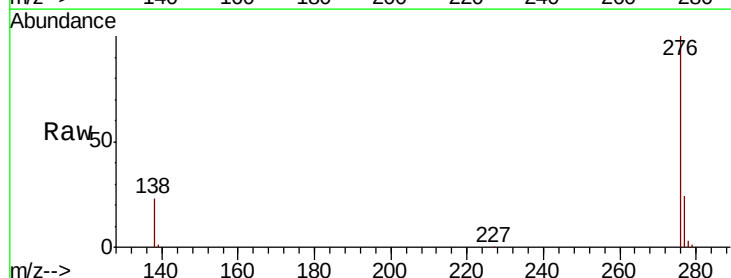
Tgt Ion:276 Resp: 42644

Ion Ratio Lower Upper

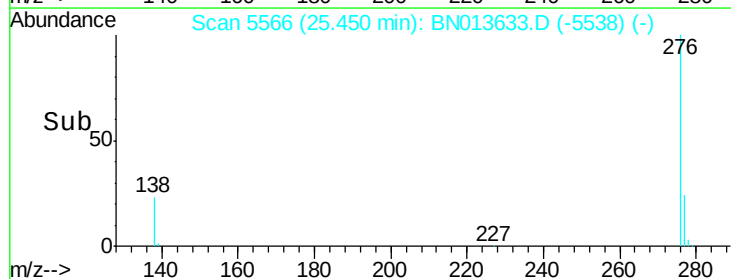
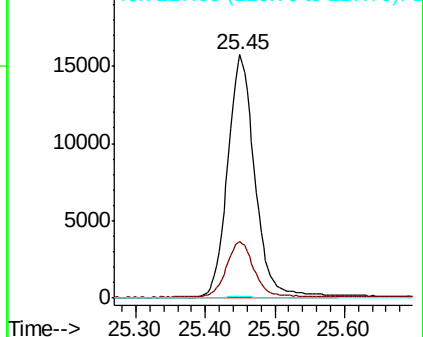
276 100

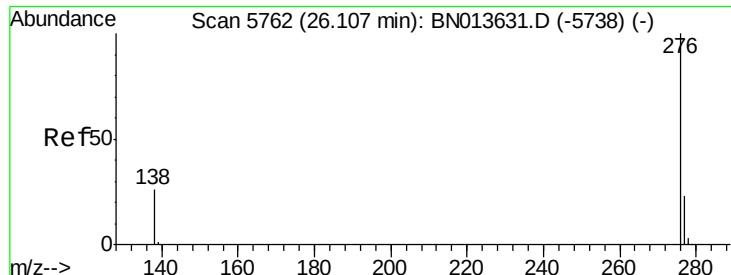
138 23.4 23.7 35.5#

227 0.1 0.1 0.1#



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





#26

Benzo(a,h,i)perylene

Concen: 0.889 ng/ul

RT: 26.11 min Scan# 5762

Delta R.T. 0.00 min

Lab File: BN013633.D

Acq: 16 Feb 2021 11:34

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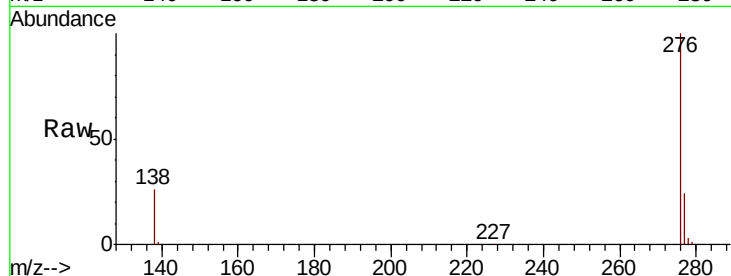
Tot Ion: 276 Resp: 48091

Ion Ratio Lower Upper

276 100

138 26.2 20.6 30.8

277 24.1 19.4 29.0



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

