

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101420\
 Data File : BN012216.D
 Acq On : 15 Oct 2020 04:46
 Operator : CG/JU
 Sample : L4184-12DL 5X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AL6DL

Quant Time: Oct 15 07:16:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 15 04:47:44 2020
 Response via : Initial Calibration

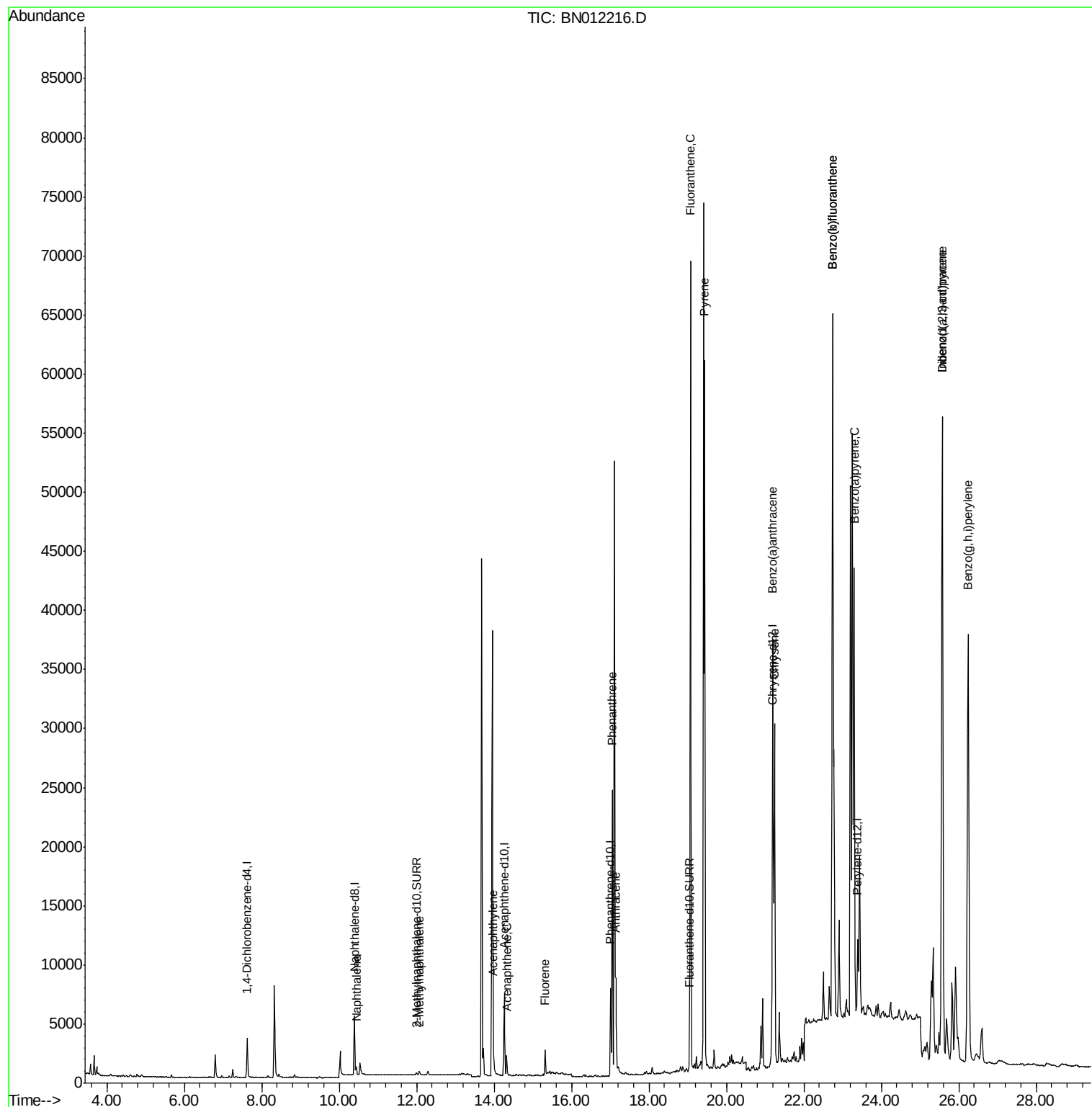
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	1708	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	7042	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	3968	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	8403	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	7515	0.40	ng/ul	0.00
20) Perylene-d12	23.39	264	7579	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	327	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.04	212	780	0.03	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.44	128	942	0.046	ng/ul#	84
5) 2-Methylnaphthalene	12.07	142	298	0.023	ng/ul	98
7) Acenaphthylene	13.98	152	1737	0.101	ng/ul#	88
8) Acenaphthene	14.32	153	978	0.067	ng/ul	97
9) Fluorene	15.31	166	1438	0.089	ng/ul#	98
12) Phenanthrene	17.05	178	25372	0.947	ng/ul	98
13) Anthracene	17.14	178	7154	0.311	ng/ul	99
15) Fluoranthene	19.07	202	57776	1.845	ng/ul	98
17) Pyrene	19.44	202	49077	1.448	ng/ul	99
18) Benzo(a)anthracene	21.19	228	29791	1.070	ng/ul	99
19) Chrysene	21.24	228	31835	0.939	ng/ul	99
21) Benzo(b)fluoranthene	22.74	252	112310	3.669	ng/ul	87
22) Benzo(k)fluoranthene	22.74	252	112310	3.314	ng/ul#	89
23) Benzo(a)pyrene	23.30	252	48612	1.632	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	25.57	276	82672	2.161	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.58	278	16168	0.528	ng/ul	97
26) Benzo(a,h,i)perylene	26.24	276	72939	2.080	ng/ul	97

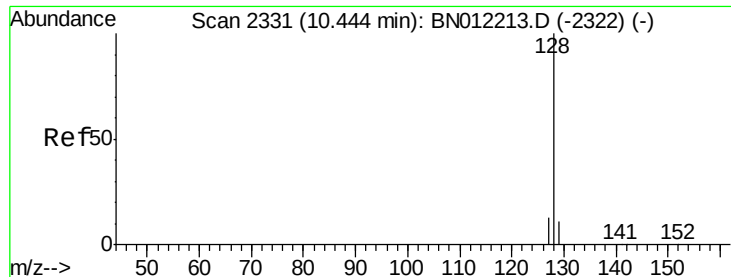
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.046 ng/ul

RT: 10.44 min Scan# 2330

Delta R.T. -0.01 min

Lab File: BN012216.D

Acq: 15 Oct 2020 04:46

Instrument :

BNA_N

ClientSampleId :

COAL6DL

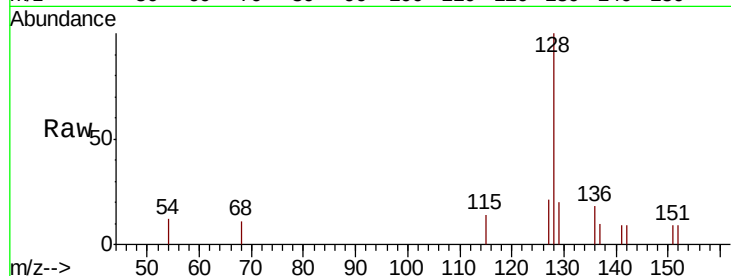
Tot Ion:128 Resp: 942

Ion Ratio Lower Upper

128 100

129 19.8 10.3 15.5#

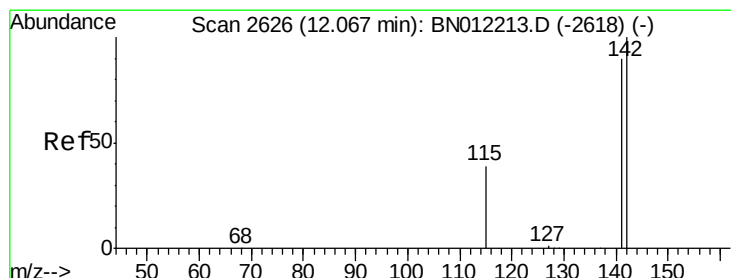
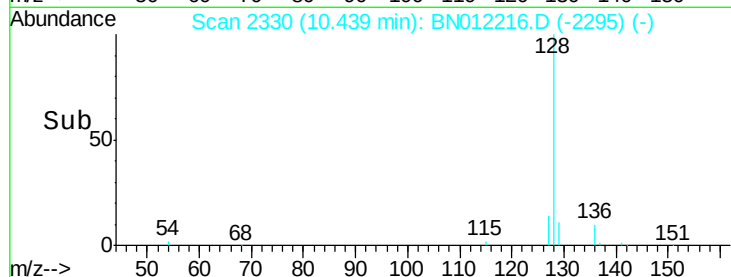
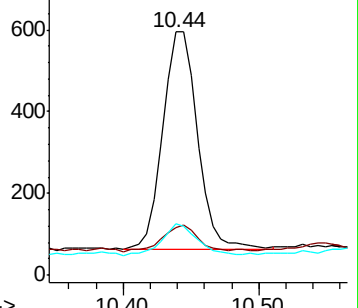
127 21.0 11.9 17.9#



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: 0.023 ng/ul

RT: 12.07 min Scan# 2626

Delta R.T. 0.00 min

Lab File: BN012216.D

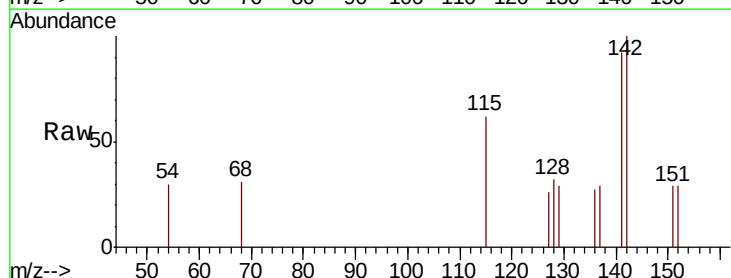
Acq: 15 Oct 2020 04:46

Tgt Ion:142 Resp: 298

Ion Ratio Lower Upper

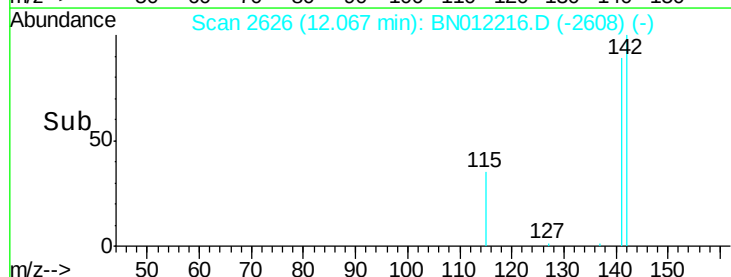
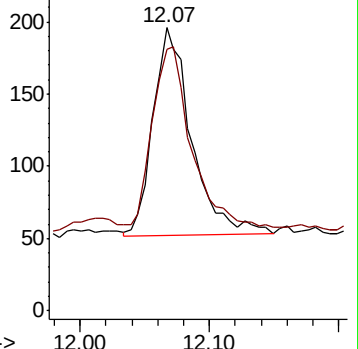
142 100

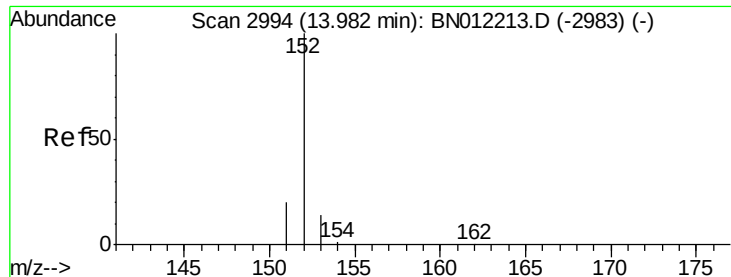
141 91.9 71.7 107.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.101 ng/ul

RT: 13.98 min Scan# 2994

Delta R.T. 0.00 min

Lab File: BN012216.D

Acq: 15 Oct 2020 04:46

Instrument :

BNA_N

ClientSampleId :

COAL6DL

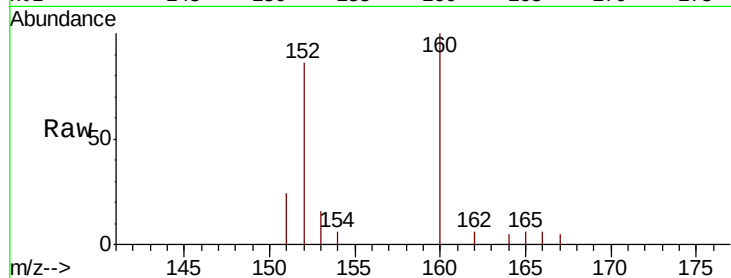
Tot Ion:152 Resp: 1737

Ion Ratio Lower Upper

152 100

151 28.1 16.7 25.1#

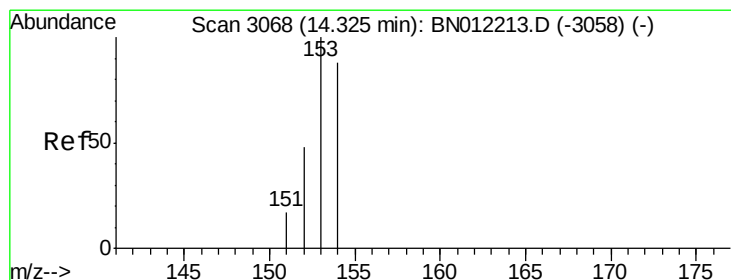
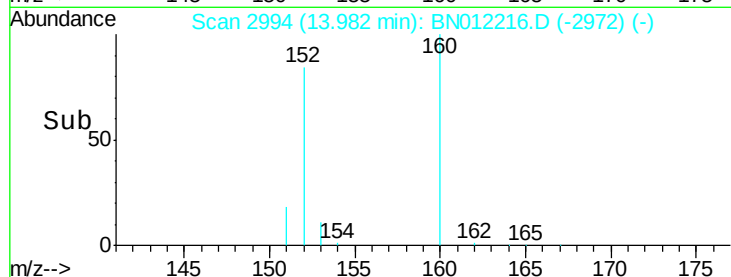
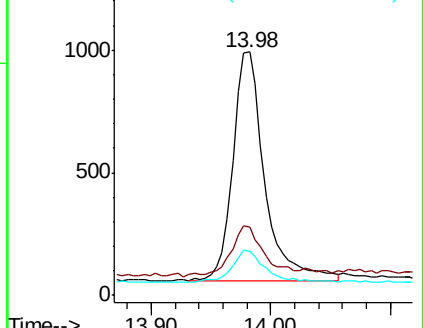
153 18.1 11.8 17.8#



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



#8

Acenaphthene

Concen: 0.067 ng/ul

RT: 14.32 min Scan# 3068

Delta R.T. 0.00 min

Lab File: BN012216.D

Acq: 15 Oct 2020 04:46

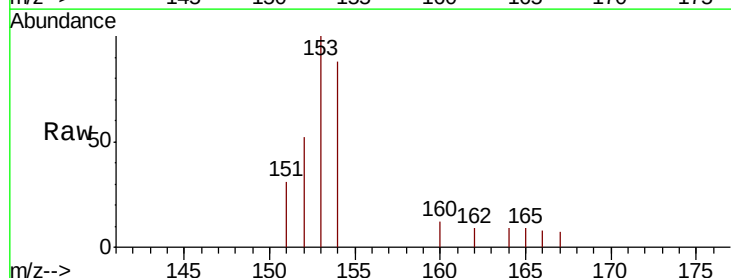
Tgt Ion:153 Resp: 978

Ion Ratio Lower Upper

153 100

152 52.1 38.2 57.2

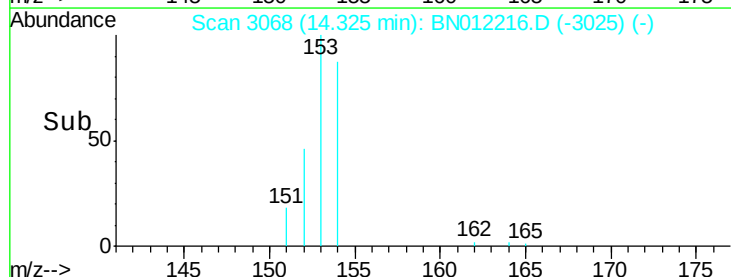
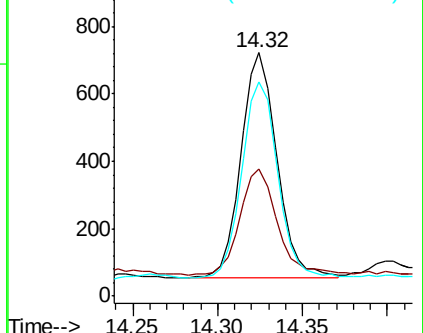
154 87.8 71.1 106.7

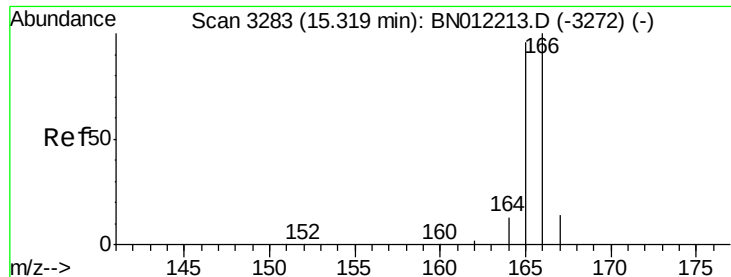


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.089 ng/ul

RT: 15.31 min Scan# 3282

Delta R.T. -0.00 min

Lab File: BN012216.D

Acq: 15 Oct 2020 04:46

Instrument :

BNA_N

ClientSampleId :

COAL6DL

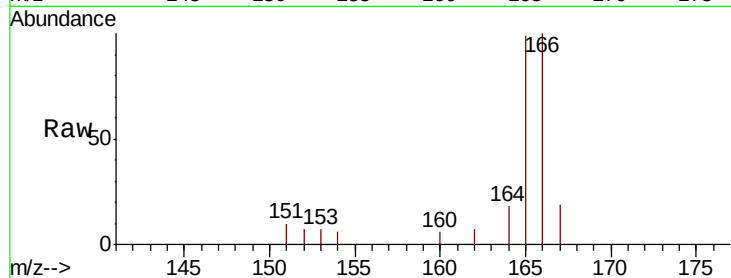
Tot Ion:166 Resp: 1438

Ion Ratio Lower Upper

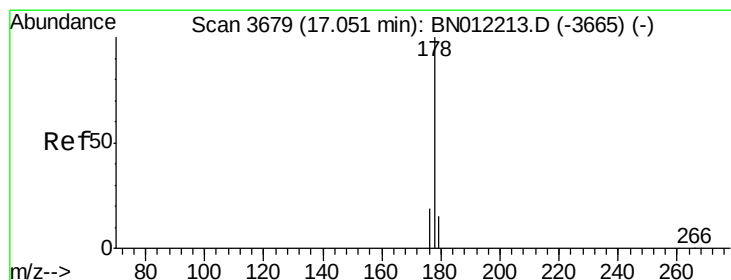
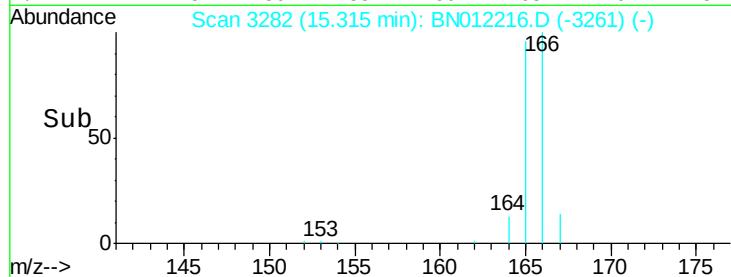
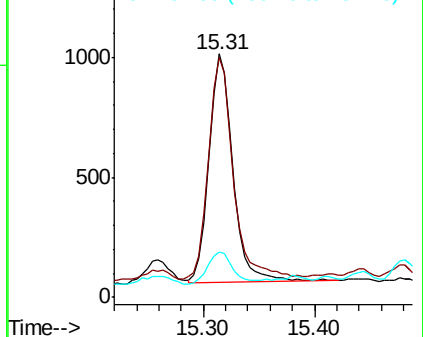
166 100

165 98.6 78.6 118.0

167 18.8 11.9 17.9#



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: 0.947 ng/ul

RT: 17.05 min Scan# 3679

Delta R.T. 0.00 min

Lab File: BN012216.D

Acq: 15 Oct 2020 04:46

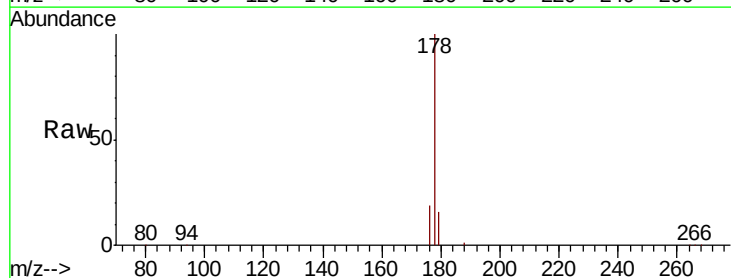
Tgt Ion:178 Resp: 25372

Ion Ratio Lower Upper

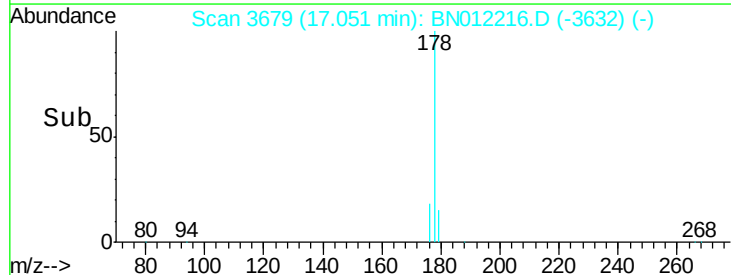
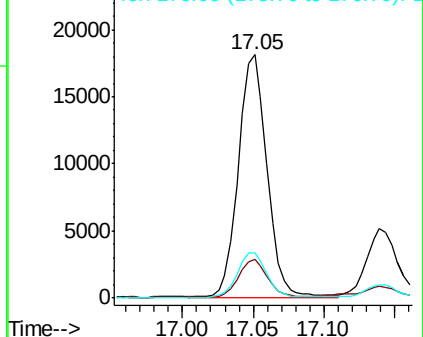
178 100

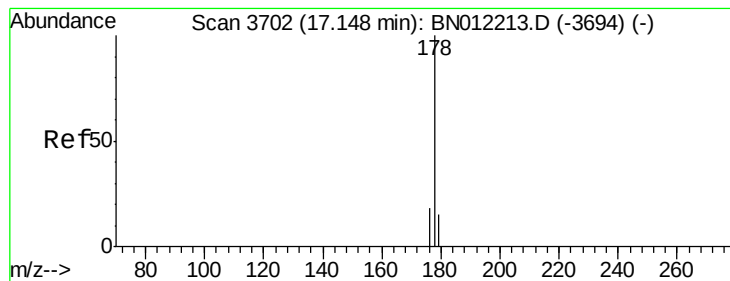
179 15.8 13.4 20.2

176 18.6 15.7 23.5



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: 0.311 ng/ul

RT: 17.14 min Scan# 3700

Delta R.T. -0.01 min

Lab File: BN012216.D

Acq: 15 Oct 2020 04:46

Instrument :

BNA_N

ClientSampleId :

C0AL6DL

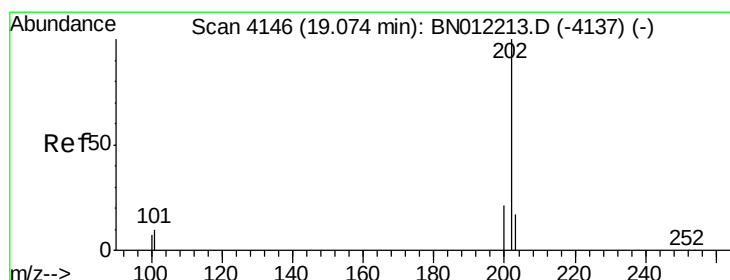
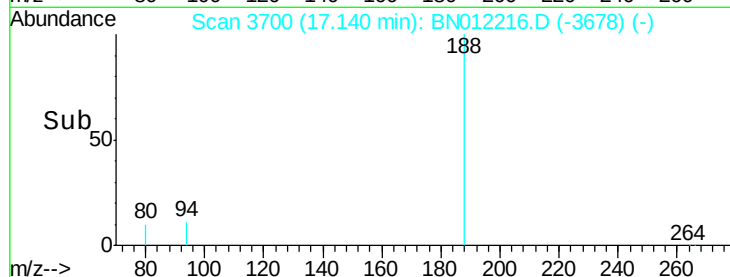
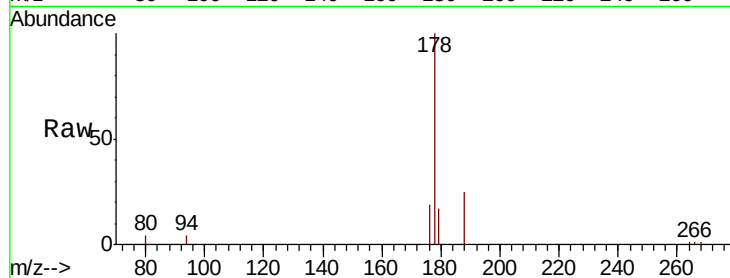
Tot Ion:178 Resp: 7154

Ion Ratio Lower Upper

178 100

179 17.1 13.9 20.9

176 18.6 15.4 23.0



#15

Fluoranthene

Concen: 1.845 ng/ul

RT: 19.07 min Scan# 4146

Delta R.T. 0.00 min

Lab File: BN012216.D

Acq: 15 Oct 2020 04:46

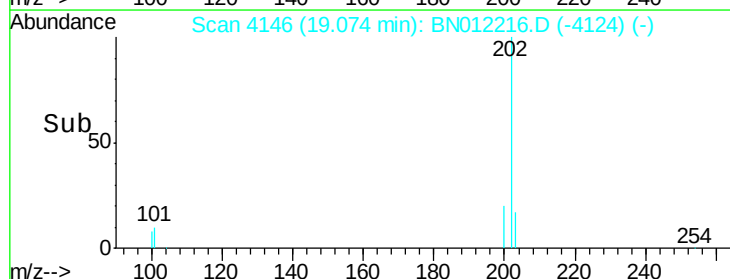
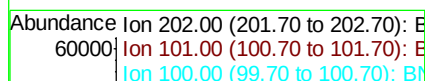
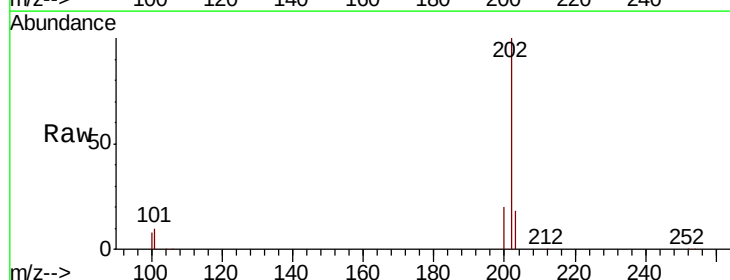
Tgt Ion:202 Resp: 57776

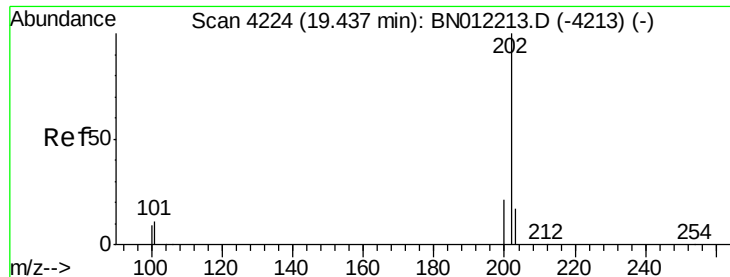
Ion Ratio Lower Upper

202 100

101 10.3 0.0 31.0

100 7.8 0.0 28.7

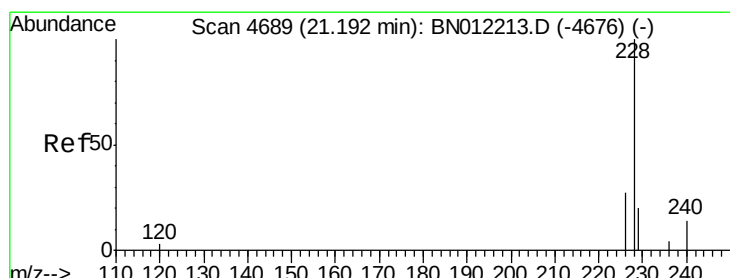
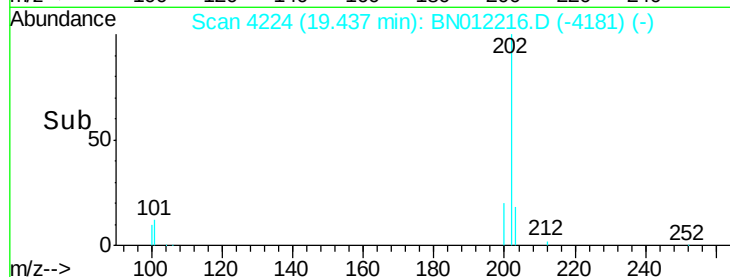
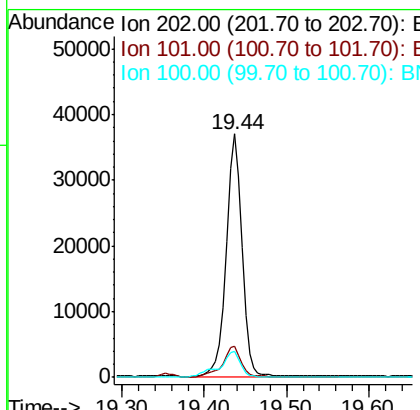
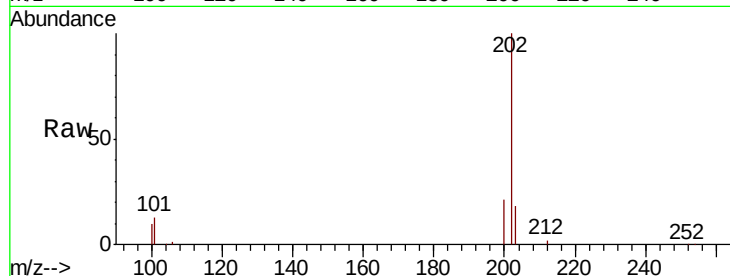




#17
Pvrene
Concen: 1.448 ng/ul
RT: 19.44 min Scan# 4224
Delta R.T. 0.00 min
Lab File: BN012216.D
Acq: 15 Oct 2020 04:46

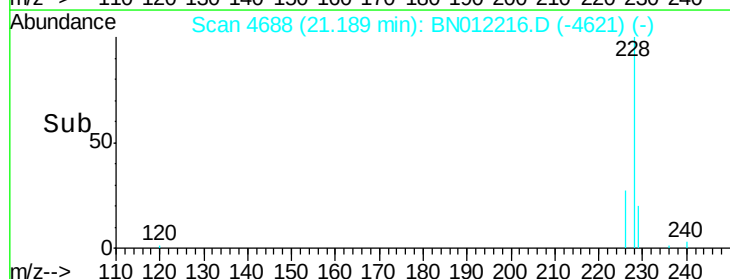
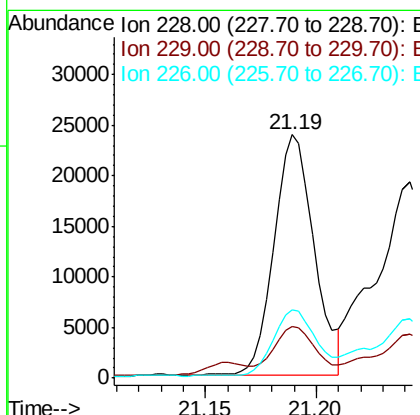
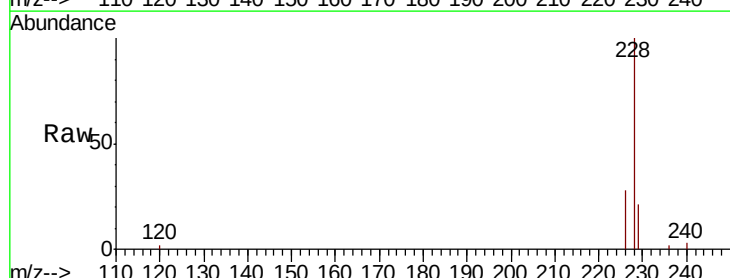
Instrument :
BNA_N
ClientSampleId :
C0AL6DL

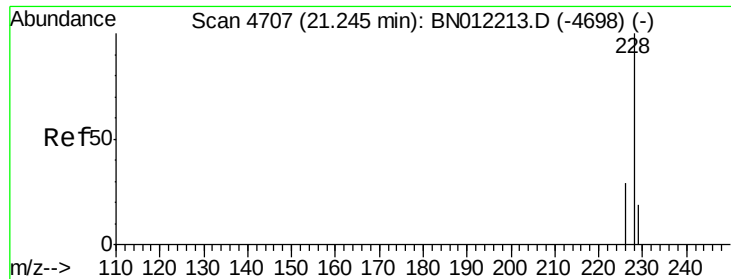
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.6	9.9	14.9
100	10.4	8.0	12.0



#18
Benzo(a)anthracene
Concen: 1.070 ng/ul
RT: 21.19 min Scan# 4688
Delta R.T. -0.00 min
Lab File: BN012216.D
Acq: 15 Oct 2020 04:46

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.2	15.8	23.8
226	28.1	22.6	33.8





#19

Chrysene

Concen: 0.939 ng/ul

RT: 21.24 min Scan# 4706

Delta R.T. -0.00 min

Lab File: BN012216.D

Acq: 15 Oct 2020 04:46

Instrument :

BNA_N

ClientSampleId :

COAL6DL

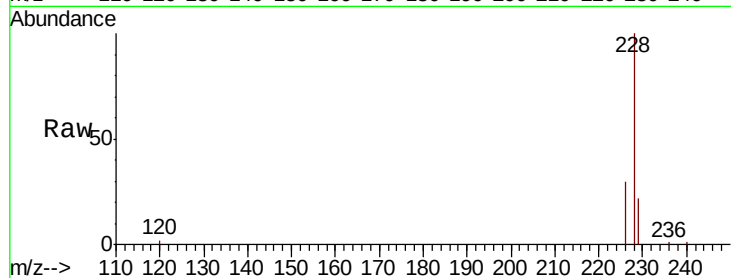
Tot Ion:228 Resp: 31835

Ion Ratio Lower Upper

228 100

226 30.4 24.6 37.0

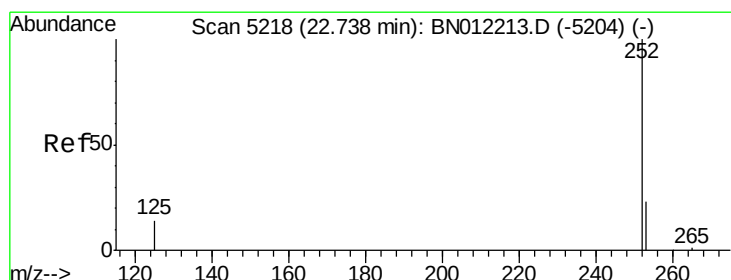
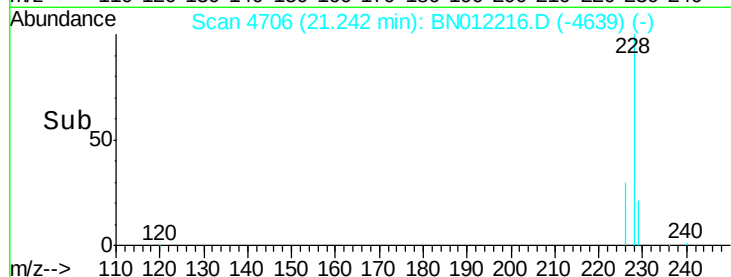
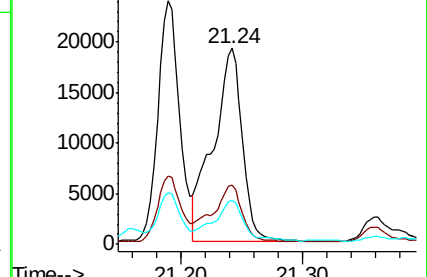
229 22.2 17.0 25.6



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: 3.669 ng/ul

RT: 22.74 min Scan# 5218

Delta R.T. 0.00 min

Lab File: BN012216.D

Acq: 15 Oct 2020 04:46

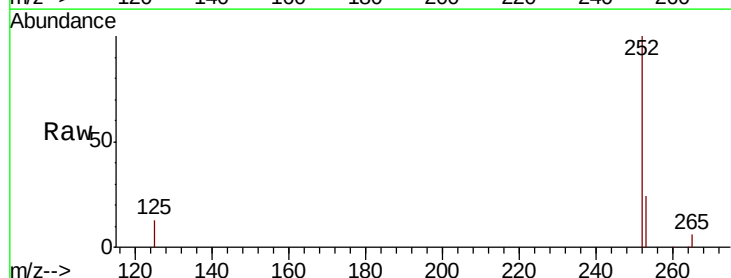
Tgt Ion:252 Resp: 112310

Ion Ratio Lower Upper

252 100

253 23.8 0.0 61.6

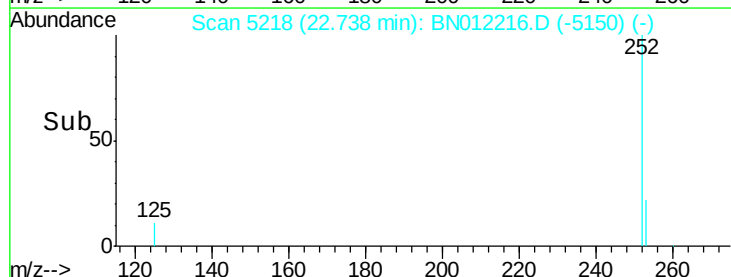
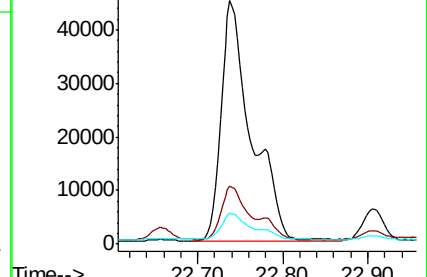
125 12.6 0.0 36.8

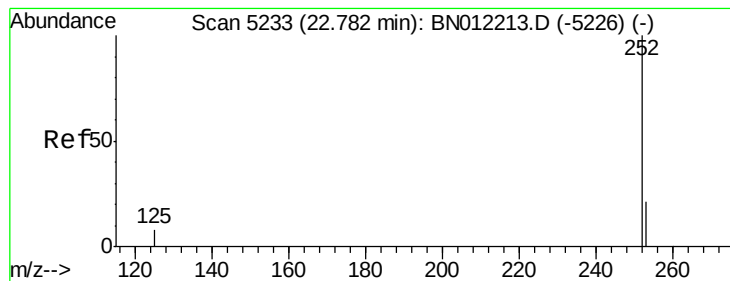


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 3.314 ng/ul

RT: 22.74 min Scan# 5218

Delta R.T. -0.04 min

Lab File: BN012216.D

Acq: 15 Oct 2020 04:46

Instrument :

BNA_N

ClientSampleId :

C0AL6DL

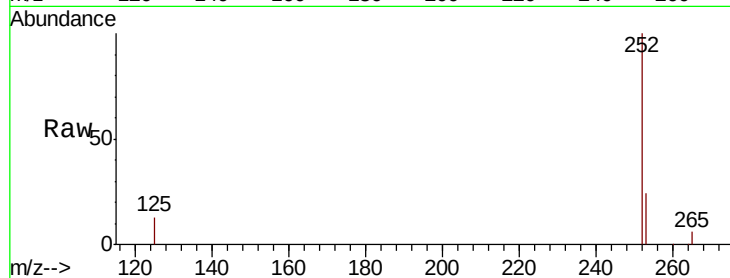
Tot Ion:252 Resp: 112310

Ion Ratio Lower Upper

252 100

253 23.8 24.4 36.6#

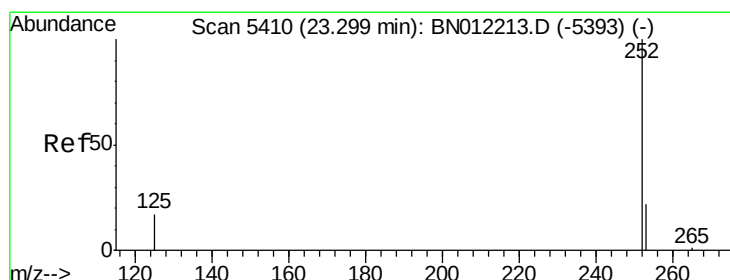
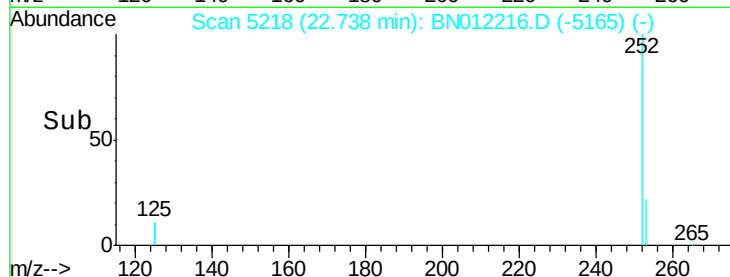
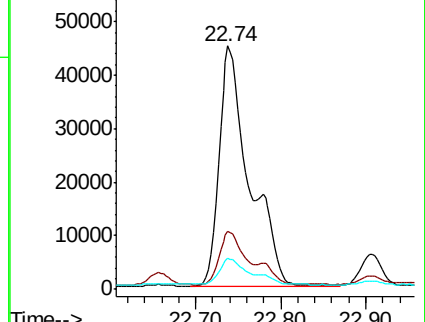
125 12.6 12.9 19.3#



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: 1.632 ng/ul

RT: 23.30 min Scan# 5409

Delta R.T. -0.00 min

Lab File: BN012216.D

Acq: 15 Oct 2020 04:46

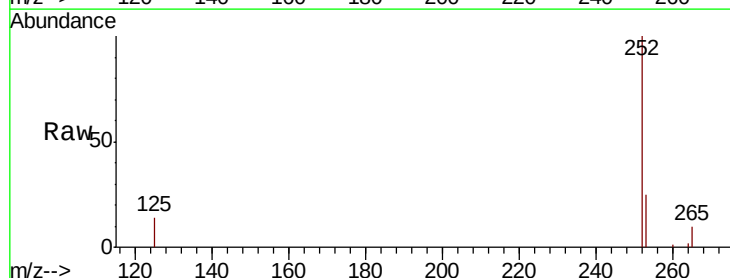
Tgt Ion:252 Resp: 48612

Ion Ratio Lower Upper

252 100

253 25.2 27.0 40.4#

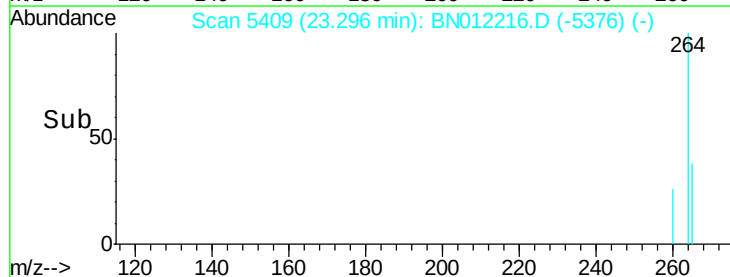
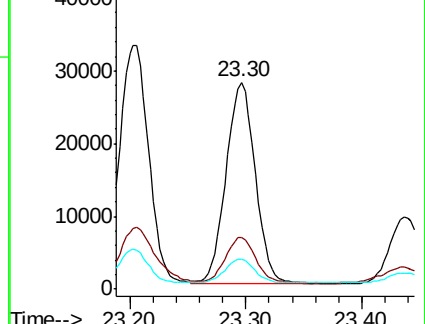
125 14.4 18.8 28.2#

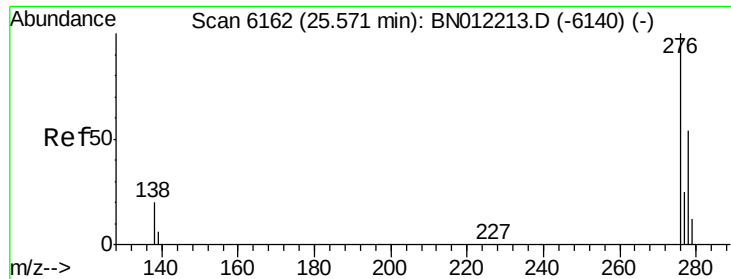


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

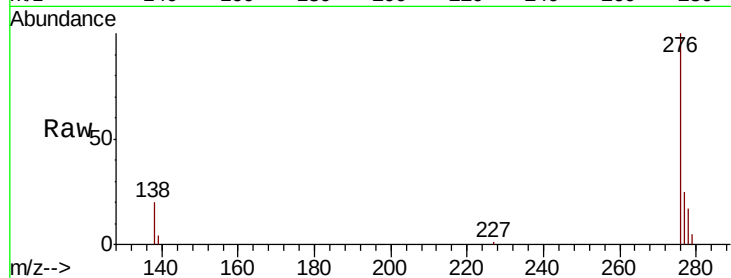




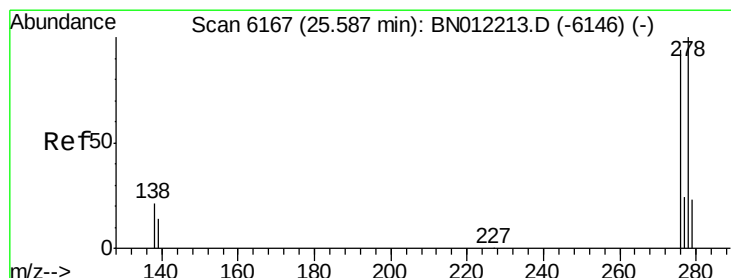
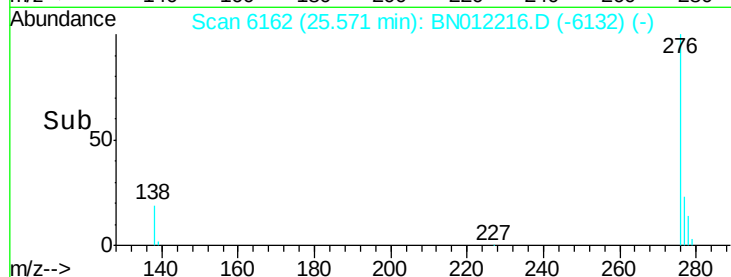
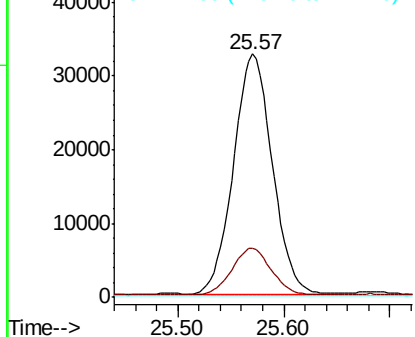
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 2.161 ng/ul
 RT: 25.57 min Scan# 6162
 Delta R.T. 0.00 min
 Lab File: BN012216.D
 Acq: 15 Oct 2020 04:46

Instrument :
 BNA_N
 ClientSampleId :
 COAL6DL

Tot Ion:276 Resp: 82672
 Ion Ratio Lower Upper
 276 100
 138 19.8 0.0 0.0#
 227 0.1 0.0 0.0#

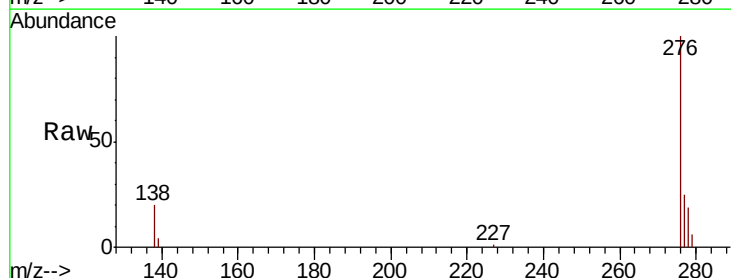


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 227.00 (226.70 to 227.70): E

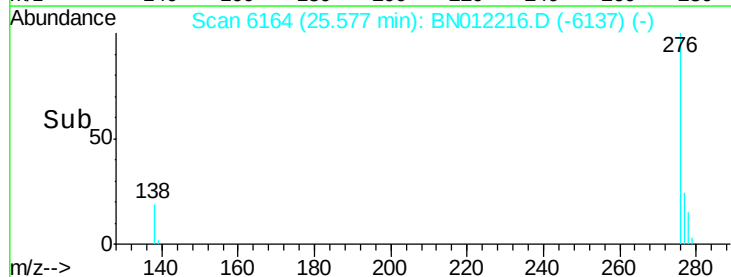
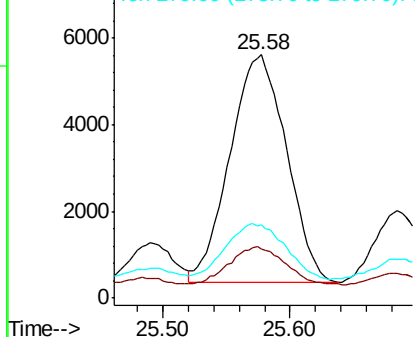


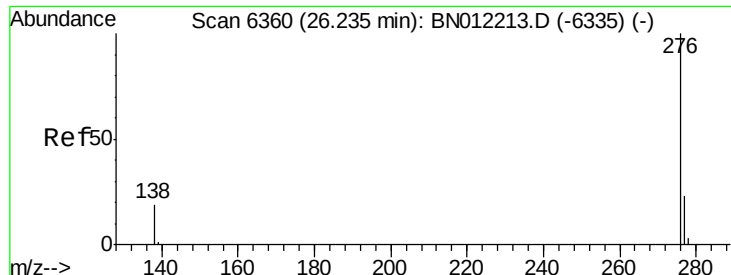
#25
 Dibenzo(a,h)anthracene
 Concen: 0.528 ng/ul
 RT: 25.58 min Scan# 6164
 Delta R.T. -0.01 min
 Lab File: BN012216.D
 Acq: 15 Oct 2020 04:46

Tgt Ion:278 Resp: 16168
 Ion Ratio Lower Upper
 278 100
 139 20.1 15.7 23.5
 279 30.4 26.0 39.0



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

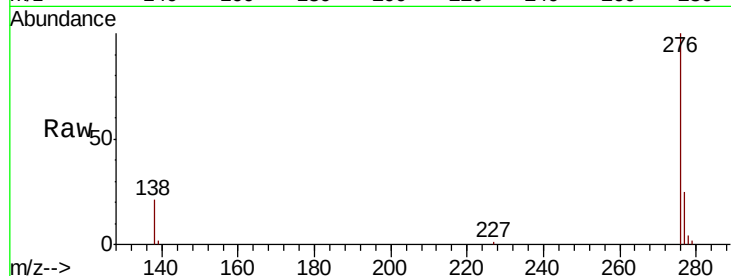




#26
 Benzo(a,h,i)perylene
 Concen: 2.080 ng/ul
 RT: 26.24 min Scan# 6362
 Delta R.T. 0.01 min
 Lab File: BN012216.D
 Acq: 15 Oct 2020 04:46

Instrument :
 BNA_N
 ClientSampleId :
 C0AL6DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.8	17.1	25.7
277	24.6	21.1	31.7



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

