

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012821\
 Data File : BN013527.D
 Acq On : 28 Jan 2021 14:53
 Operator : CG/JU
 Sample : M1203-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 X2Y80

Quant Time: Jan 28 15:26:49 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN012521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 28 11:56:28 2021
 Response via : Initial Calibration

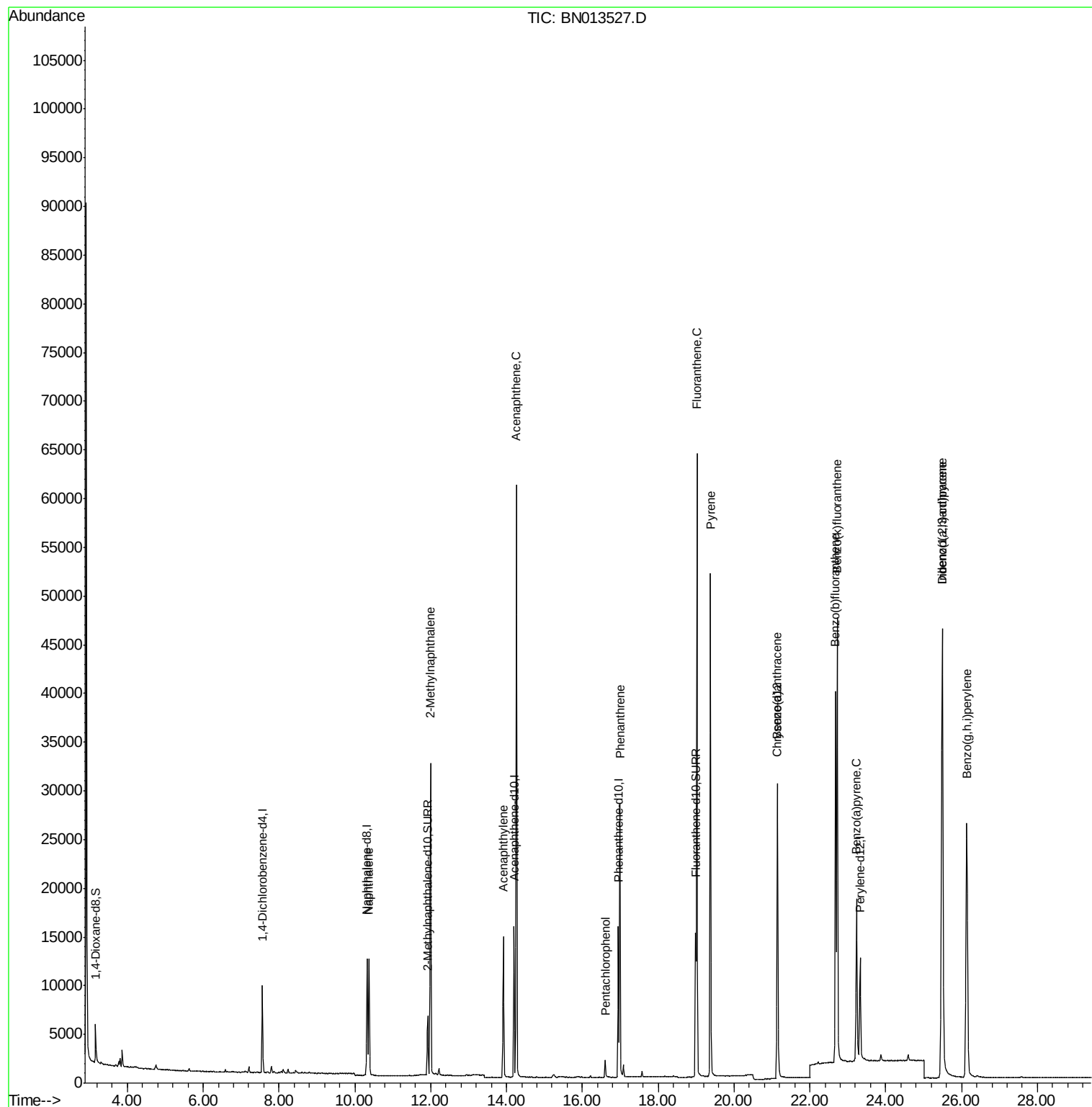
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	4279	0.40	ng/ul	0.00
4) Naphthalene-d8	10.32	136	16045	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.20	164	8462	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.95	188	18063	0.40	ng/ul	0.00
17) Chrysene-d12	21.15	240	15280	0.40	ng/ul	0.00
23) Perylene-d12	23.33	264	13597	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.17	96	2647	0.61	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.92	152	8074	0.34	ng/ul	0.00
18) Fluoranthene-d10	18.99	212	17241	0.38	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	10.37	128	16318	0.361	ng/ul	100
7) 2-Methylnaphthalene	11.99	142	23101	0.762	ng/ul	99
10) Acenaphthylene	13.92	152	17218	0.484	ng/ul	100
11) Acenaphthene	14.26	153	34323	1.124	ng/ul	100
14) Pentachlorophenol	16.60	266	1328	0.609	ng/ul	99
15) Phenanthrene	16.99	178	29758	0.513	ng/ul	99
19) Fluoranthene	19.02	202	54849	0.906	ng/ul	100
20) Pyrene	19.38	202	43641	0.719	ng/ul	99
21) Benzo(a)anthracene	21.14	228	26119	0.543	ng/ul	100
24) Benzo(b)fluoranthene	22.68	252	45143	0.760	ng/ul	98
25) Benzo(k)fluoranthene	22.72	252	55919	0.904	ng/ul	97
26) Benzo(a)pyrene	23.23	252	25523	0.547	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.49	276	47838	0.729	ng/ul#	78
28) Dibenzo(a,h)anthracene	25.50	278	48140	0.902	ng/ul	99
29) Benzo(a,h,i)perylene	26.14	276	52535	0.906	ng/ul	99

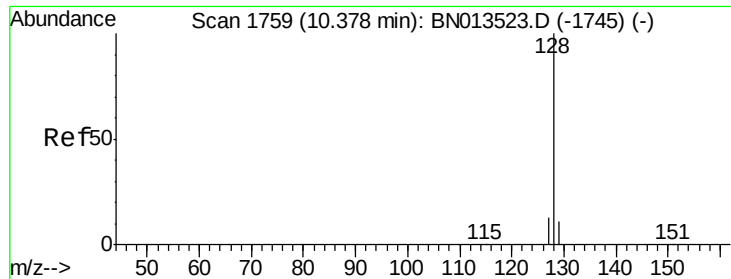
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.361 ng/ul

RT: 10.37 min Scan# 1758

Delta R.T. -0.01 min

Lab File: BN013527.D

Acq: 28 Jan 2021 14:53

Instrument :

BNA_N

ClientSampleId :

X2Y80

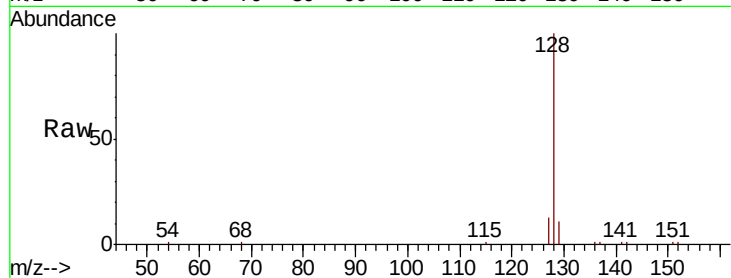
Tot Ion:128 Resp: 16318

Ion Ratio Lower Upper

128 100

129 11.4 9.2 13.8

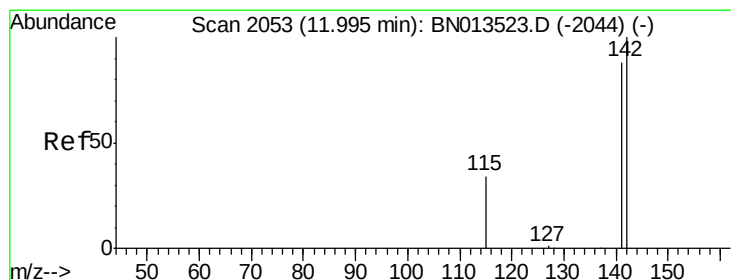
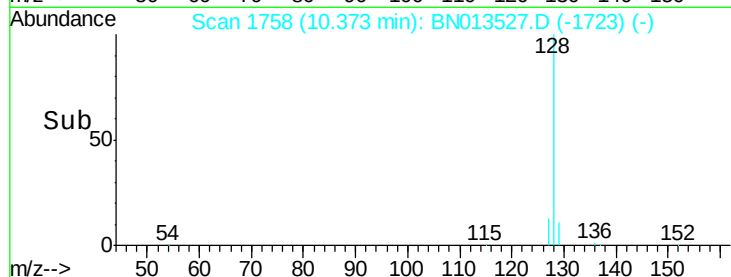
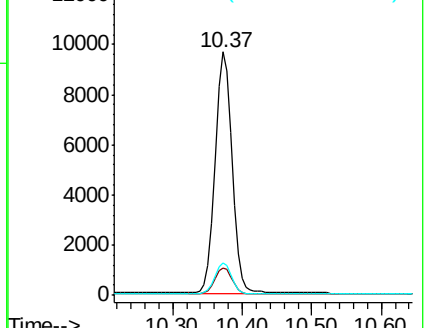
127 13.4 10.7 16.1



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

2-Methylnaphthalene

Concen: 0.762 ng/ul

RT: 11.99 min Scan# 2053

Delta R.T. -0.00 min

Lab File: BN013527.D

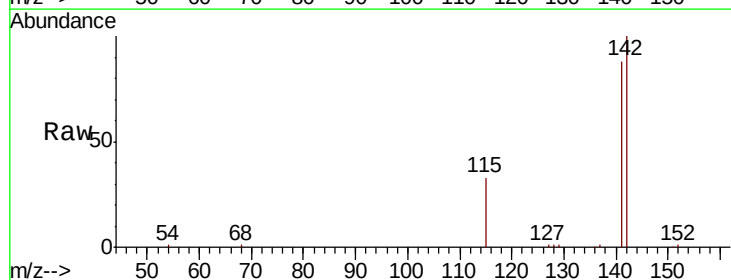
Acq: 28 Jan 2021 14:53

Tgt Ion:142 Resp: 23101

Ion Ratio Lower Upper

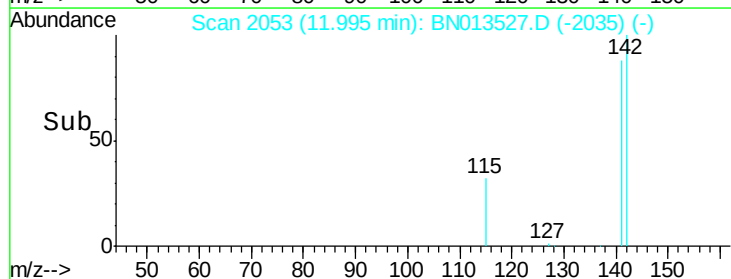
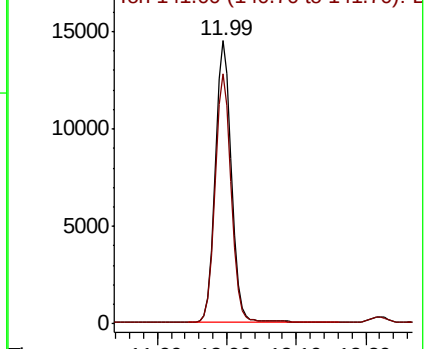
142 100

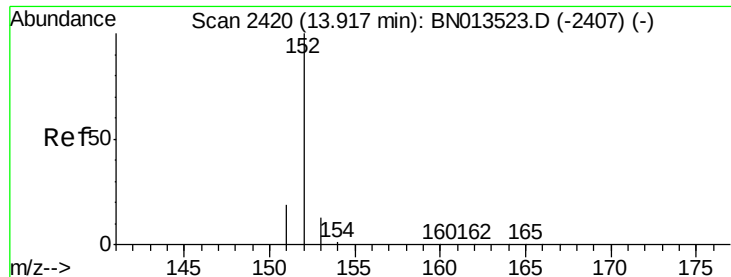
141 89.1 70.9 106.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#10

Acenaphthylene

Concen: 0.484 ng/ul

RT: 13.92 min Scan# 2420

Delta R.T. -0.00 min

Lab File: BN013527.D

Acq: 28 Jan 2021 14:53

Instrument :

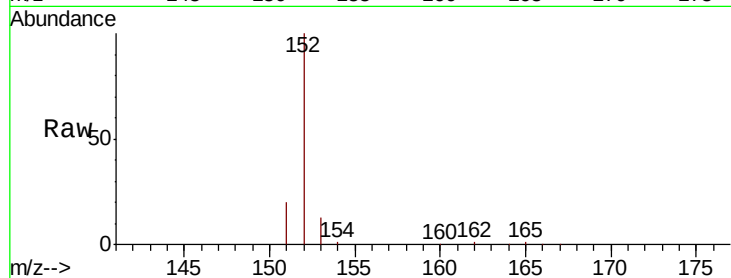
BNA_N

ClientSampleId :

X2Y80

Tot Ion:152 Resp: 17218

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.8	23.6
153	13.3	10.7	16.1

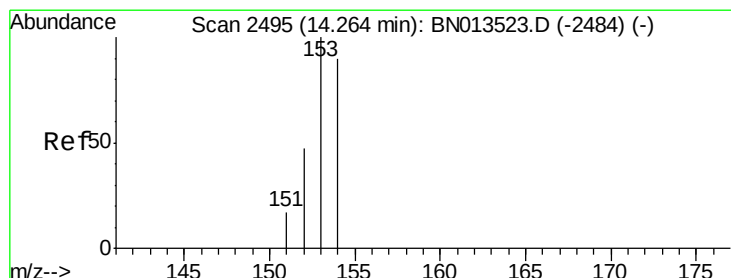
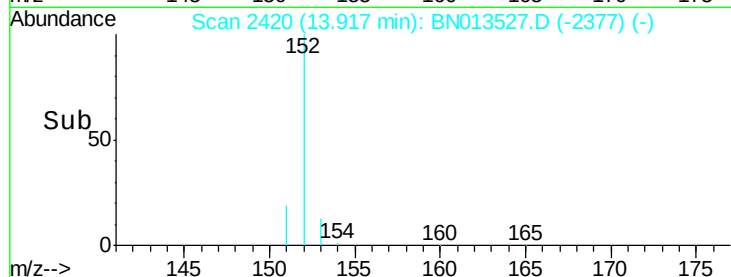
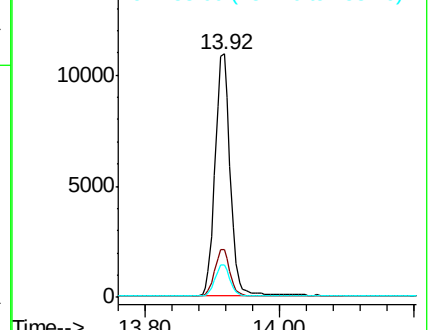


Abundance

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



#11

Acenaphthene

Concen: 1.124 ng/ul

RT: 14.26 min Scan# 2494

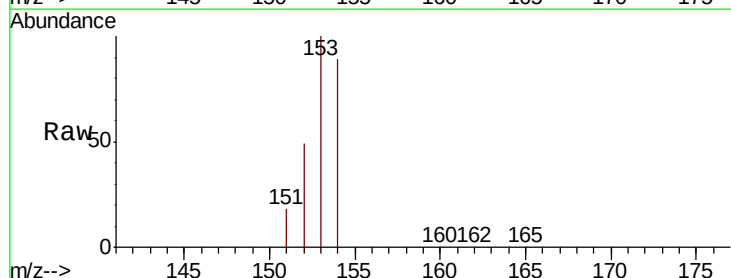
Delta R.T. -0.00 min

Lab File: BN013527.D

Acq: 28 Jan 2021 14:53

Tgt Ion:153 Resp: 34323

Ion	Ratio	Lower	Upper
153	100		
152	49.2	38.9	58.3
154	88.6	71.0	106.6

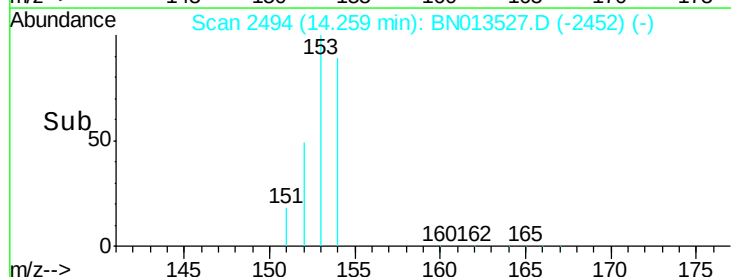
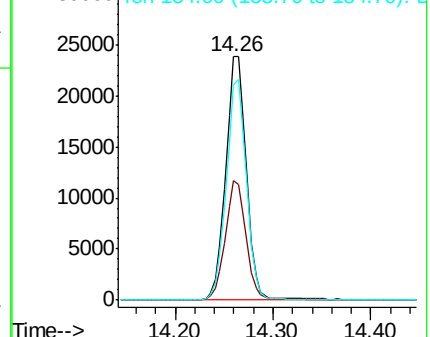


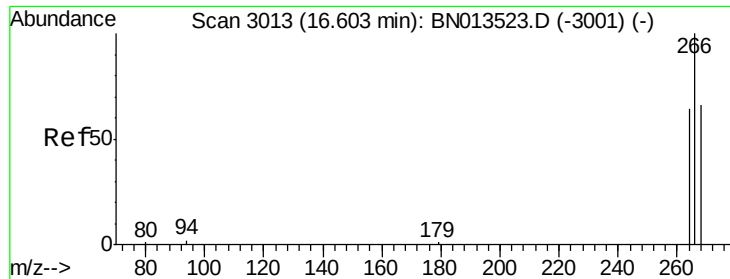
Abundance

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

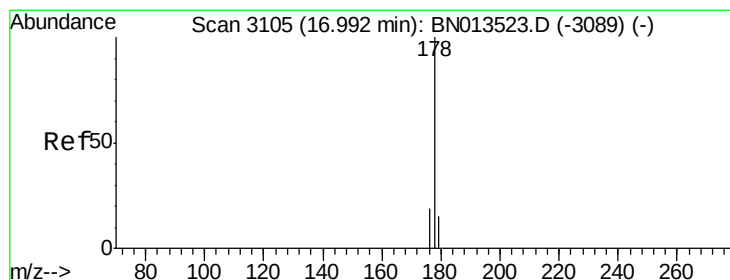
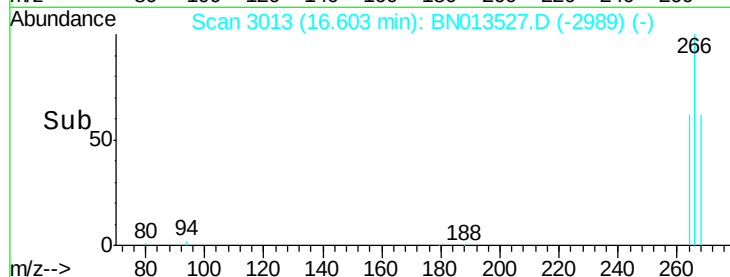
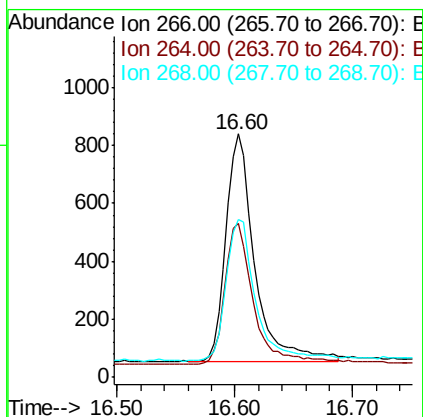
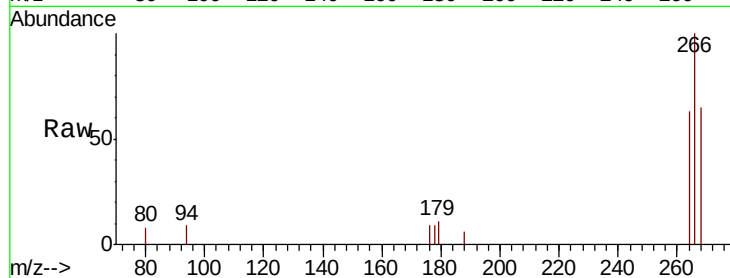




#14
 Pentachlorophenol
 Concen: 0.609 ng/ul
 RT: 16.60 min Scan# 3013
 Delta R.T. -0.00 min
 Lab File: BN013527.D
 Acq: 28 Jan 2021 14:53

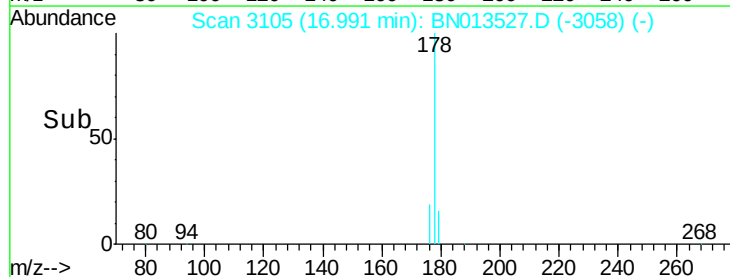
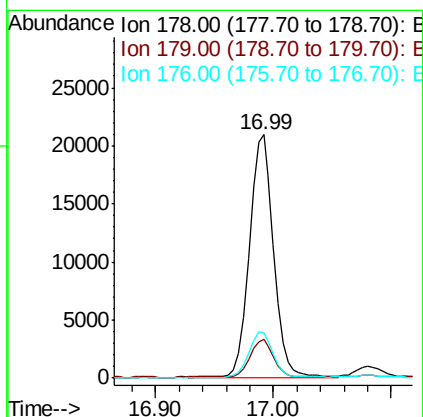
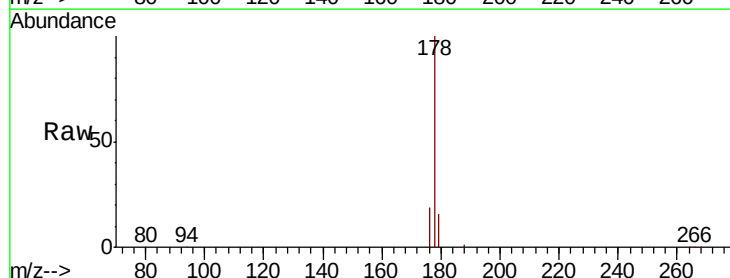
Instrument :
 BNA_N
 ClientSampleId :
 X2Y80

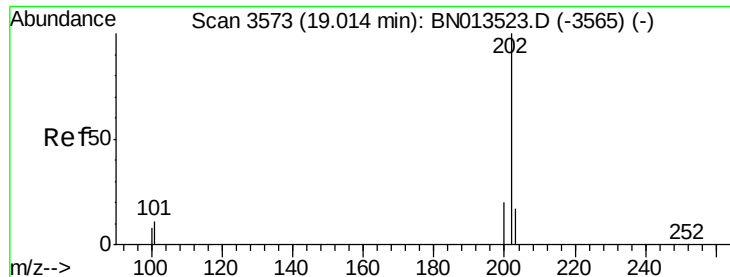
Tot Ion:	266	Resp:	1328
Ion	Ratio	Lower	Upper
266	100		
264	61.9	50.0	75.0
268	65.2	52.6	79.0



#15
 Phenanthrene
 Concen: 0.513 ng/ul
 RT: 16.99 min Scan# 3105
 Delta R.T. -0.00 min
 Lab File: BN013527.D
 Acq: 28 Jan 2021 14:53

Tgt Ion:	178	Resp:	29758
Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.3	18.5
176	18.8	15.4	23.0





#19

Fluoranthene

Concen: 0.906 ng/ul

RT: 19.02 min Scan# 3574

Delta R.T. 0.00 min

Lab File: BN013527.D

Acq: 28 Jan 2021 14:53

Instrument :

BNA_N

ClientSampleId :

X2Y80

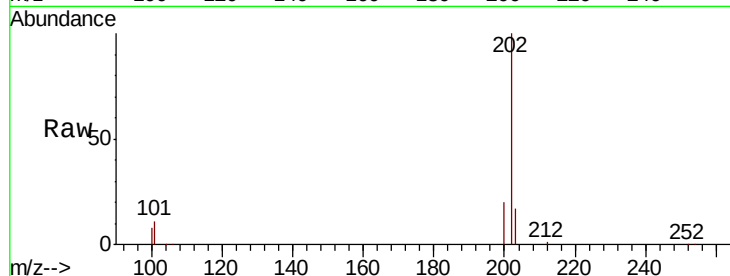
Tot Ion:202 Resp: 54849

Ion Ratio Lower Upper

202 100

101 11.0 8.9 13.3

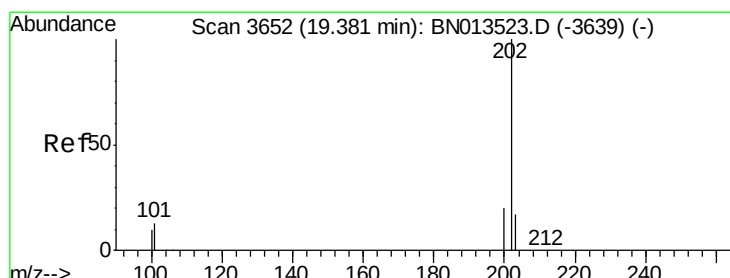
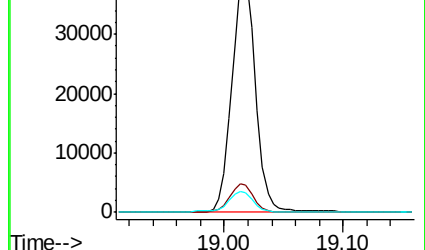
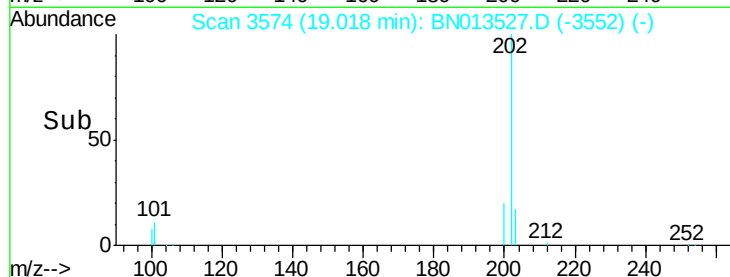
100 8.1 6.6 10.0



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



#20

Pyrene

Concen: 0.719 ng/ul

RT: 19.38 min Scan# 3652

Delta R.T. -0.00 min

Lab File: BN013527.D

Acq: 28 Jan 2021 14:53

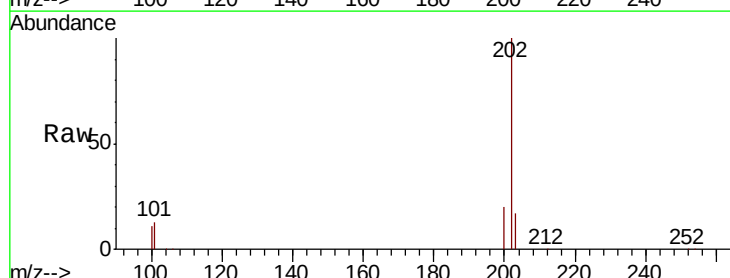
Tgt Ion:202 Resp: 43641

Ion Ratio Lower Upper

202 100

101 13.2 10.3 15.5

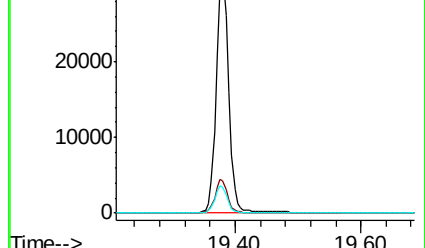
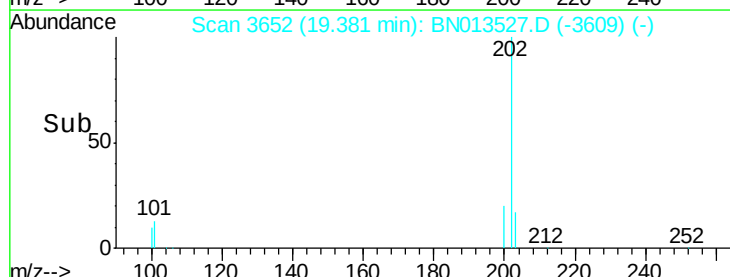
100 10.5 8.6 13.0

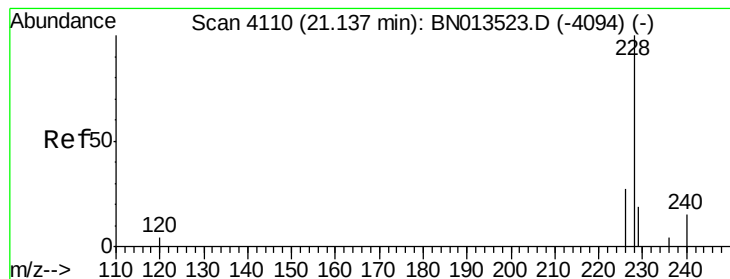


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#21

Benzo(a)anthracene

Concen: 0.543 ng/ul

RT: 21.14 min Scan# 4110

Delta R.T. -0.00 min

Lab File: BN013527.D

Acq: 28 Jan 2021 14:53

Instrument :

BNA_N

ClientSampleId :

X2Y80

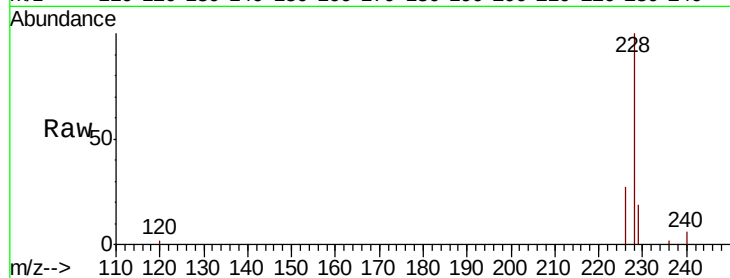
Tot Ion:228 Resp: 26119

Ion Ratio Lower Upper

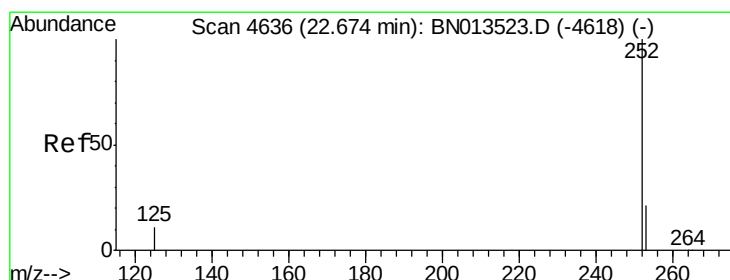
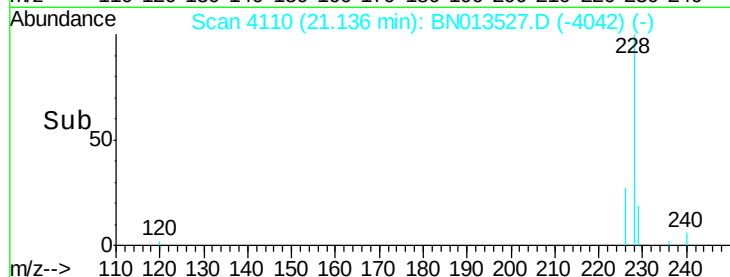
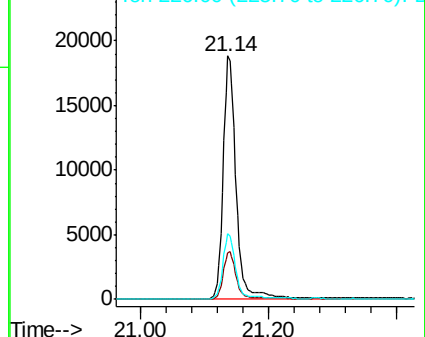
228 100

229 19.3 15.5 23.3

226 26.9 21.6 32.4



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



#24

Benzo(b)fluoranthene

Concen: 0.760 ng/ul

RT: 22.68 min Scan# 4637

Delta R.T. 0.00 min

Lab File: BN013527.D

Acq: 28 Jan 2021 14:53

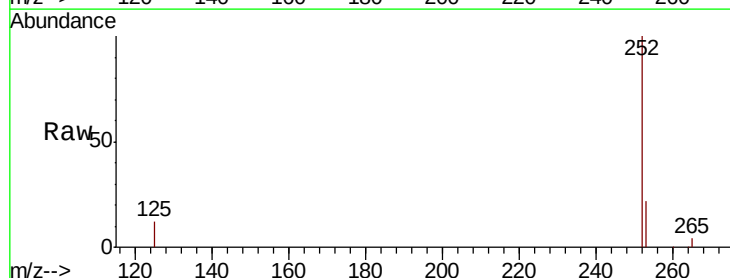
Tgt Ion:252 Resp: 45143

Ion Ratio Lower Upper

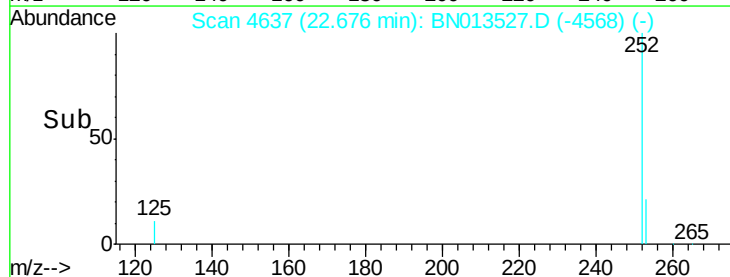
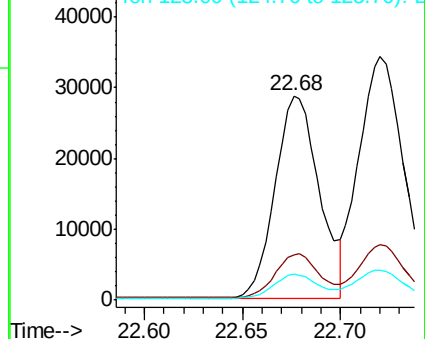
252 100

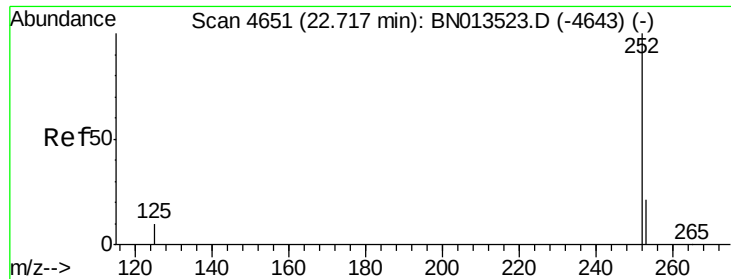
253 22.4 0.0 46.6

125 12.4 0.0 27.2



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





#25

Benzo(k)fluoranthene

Concen: 0.904 ng/ul

RT: 22.72 min Scan# 4652

Delta R.T. 0.00 min

Lab File: BN013527.D

Acq: 28 Jan 2021 14:53

Instrument :

BNA_N

ClientSampleId :

X2Y80

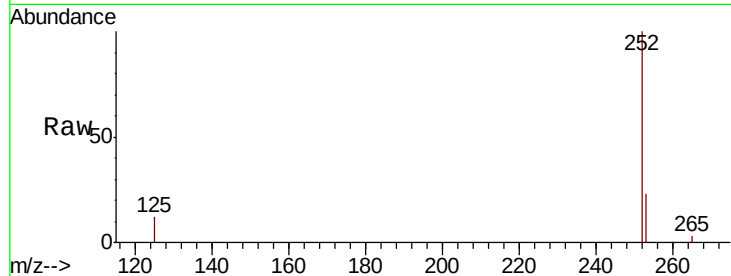
Tot Ion:252 Resp: 55919

Ion Ratio Lower Upper

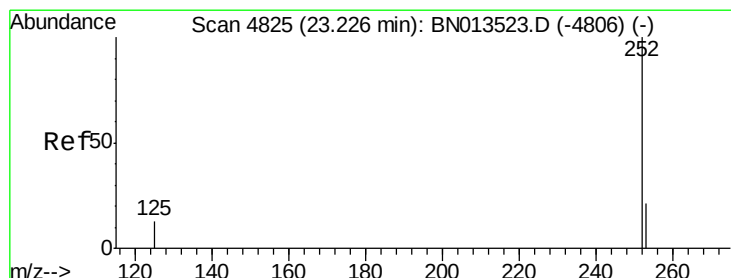
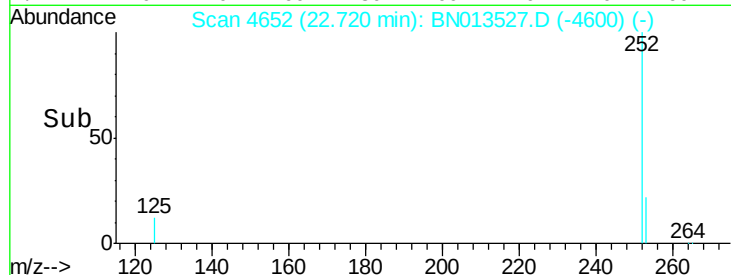
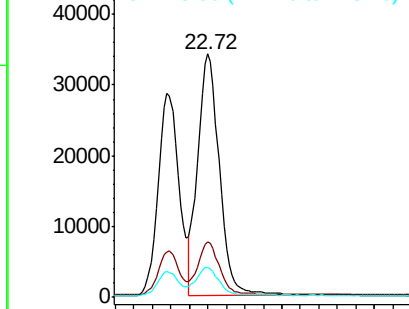
252 100

253 22.9 19.0 28.4

125 12.5 11.3 16.9



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



#26

Benzo(a)pyrene

Concen: 0.547 ng/ul

RT: 23.23 min Scan# 4826

Delta R.T. 0.00 min

Lab File: BN013527.D

Acq: 28 Jan 2021 14:53

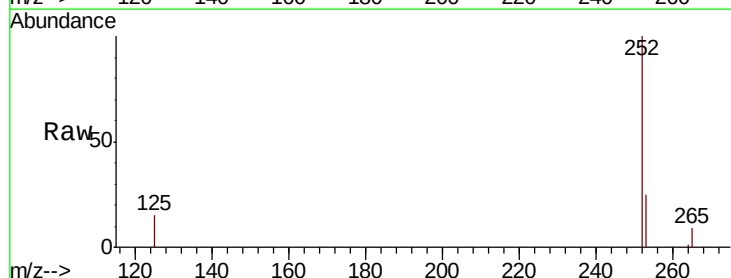
Tgt Ion:252 Resp: 25523

Ion Ratio Lower Upper

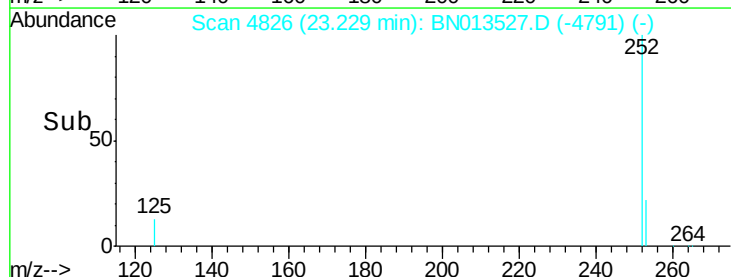
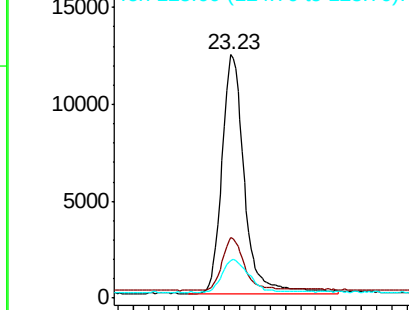
252 100

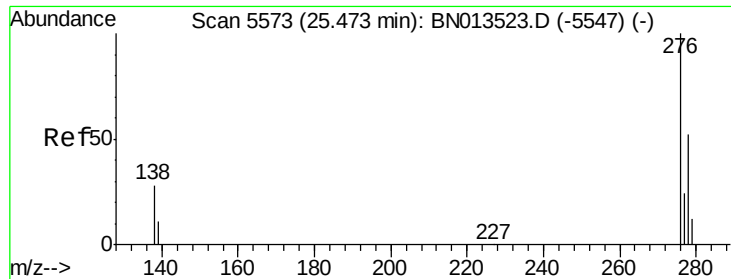
253 24.8 19.8 29.8

125 15.3 13.1 19.7



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



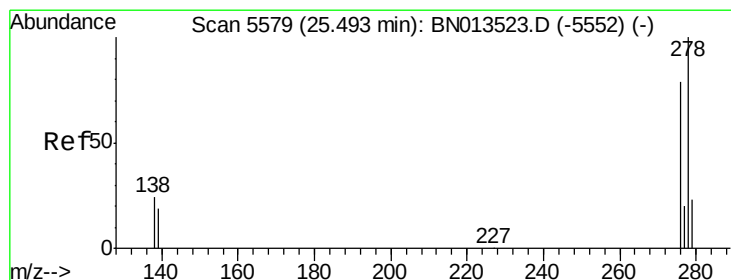
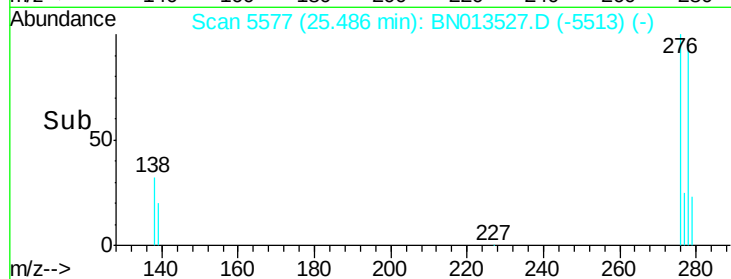
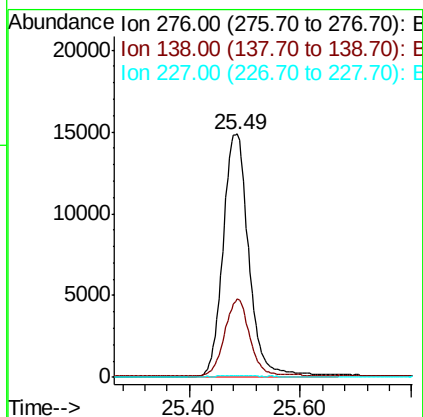
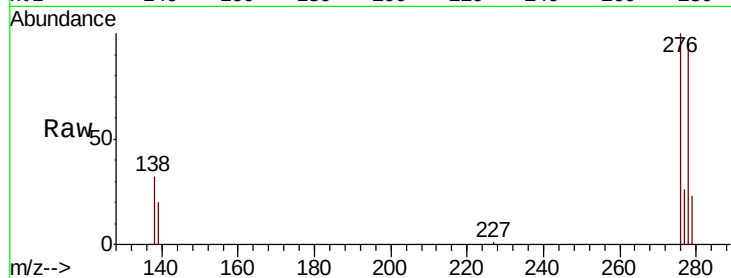


#27

Indeno(1,2,3-cd)pyrene
Concen: 0.729 ng/ul
RT: 25.49 min Scan# 5577
Delta R.T. 0.01 min
Lab File: BN013527.D
Acq: 28 Jan 2021 14:53

Instrument :
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ClientSampleId :
X2Y80

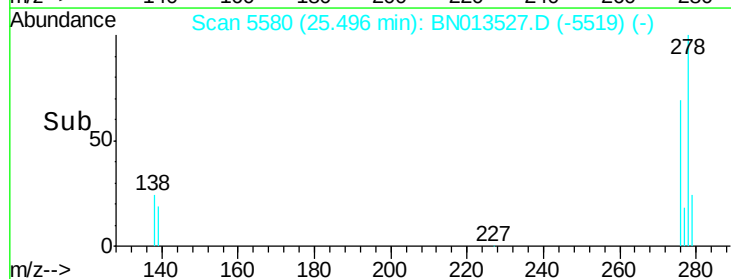
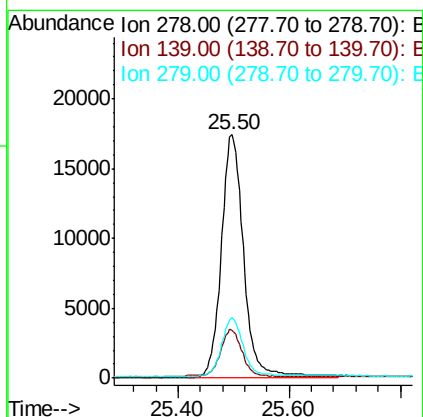
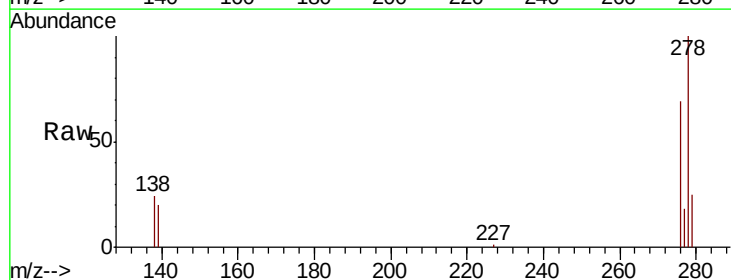
Tot Ion:276 Resp: 47838
Ion Ratio Lower Upper
276 100
138 31.7 17.2 25.8#
227 0.2 0.0 0.0#

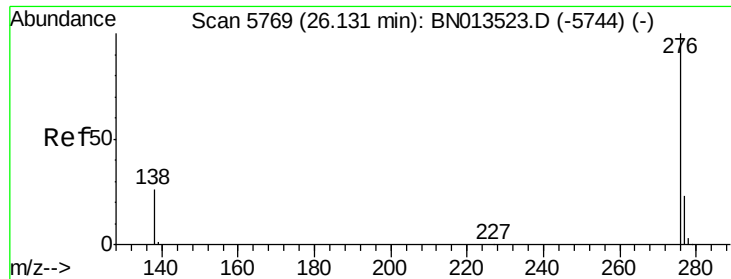


#28

Dibenzo(a,h)anthracene
Concen: 0.902 ng/ul
RT: 25.50 min Scan# 5580
Delta R.T. 0.00 min
Lab File: BN013527.D
Acq: 28 Jan 2021 14:53

Tgt Ion:278 Resp: 48140
Ion Ratio Lower Upper
278 100
139 19.9 16.2 24.2
279 24.7 20.3 30.5





#29

Benzo(a,h,i)perylene

Concen: 0.906 ng/ul

RT: 26.14 min Scan# 5772

Delta R.T. 0.01 min

Lab File: BN013527.D

Acq: 28 Jan 2021 14:53

Instrument :

BNA_N

ClientSampleId :

X2Y80

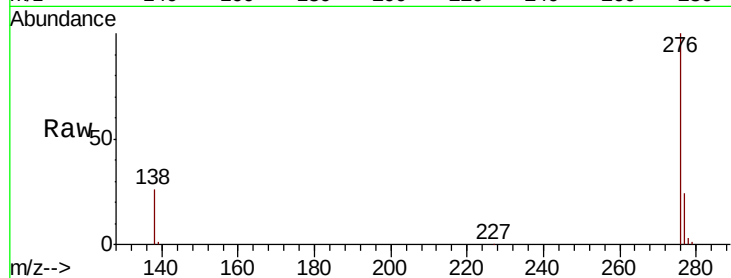
Tot Ion:276 Resp: 52535

Ion Ratio Lower Upper

276 100

138 25.8 20.2 30.2

277 23.7 19.7 29.5



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

