

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120620\
 Data File : BN012894.D
 Acq On : 05 Dec 2020 23:49
 Operator : CG/JU
 Sample : L4864-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BA4

Quant Time: Dec 07 01:02:32 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 07 01:01:09 2020
 Response via : Initial Calibration

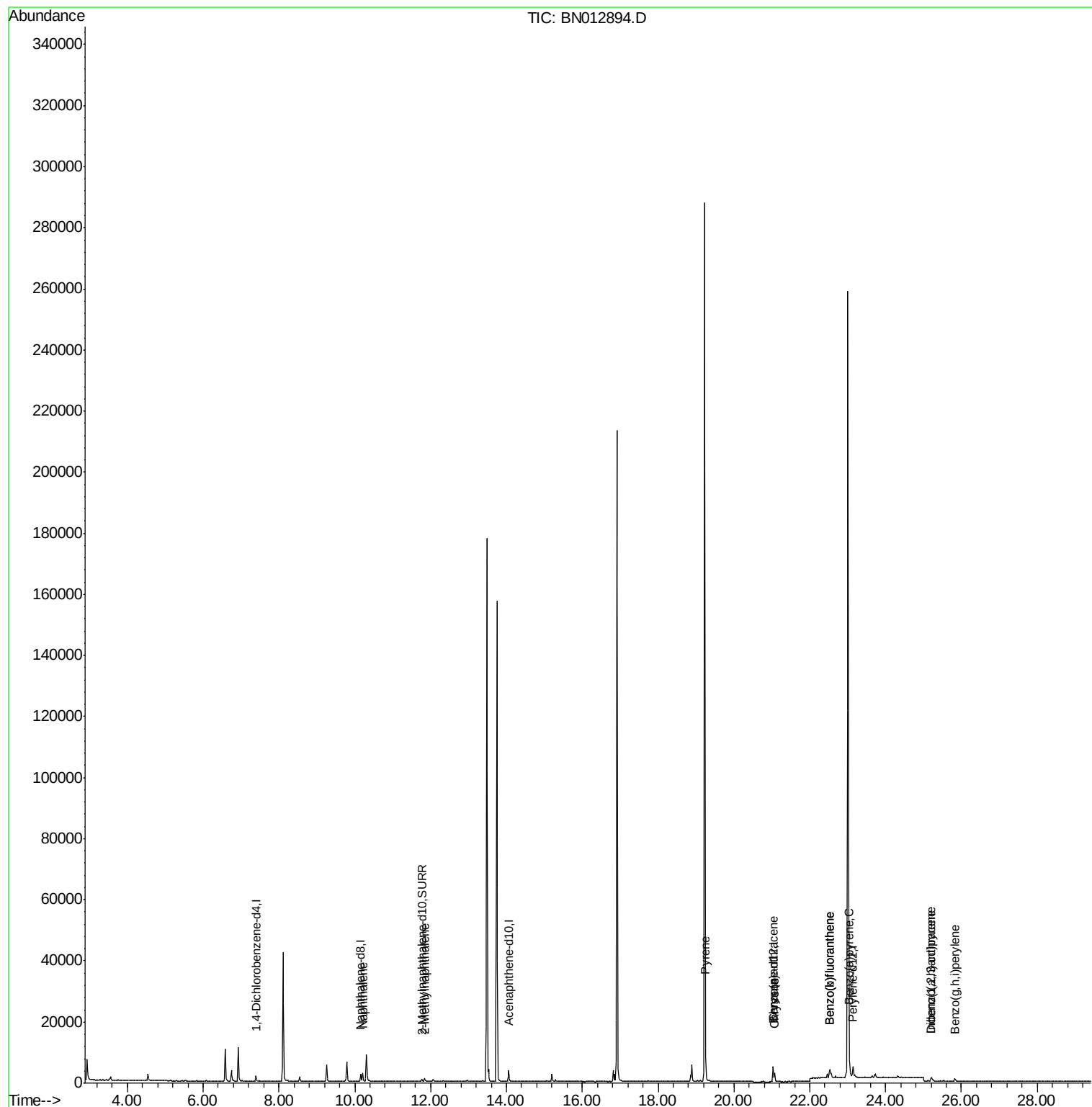
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	829	0.40	ng/ul	0.00
2) Naphthalene-d8	10.16	136	3267	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.06	164	1954	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-16.82
16) Chrysene-d12	21.04	240	3780	0.40	ng/ul	0.00
20) Perylene-d12	23.14	264	4242	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.76	152	949	0.20	ng/ul	0.00
14) Fluoranthene-d10	18.86	212	2500	0.00	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.21	128	3390	0.359	ng/ul#	92
5) 2-Methylnaphthalene	11.84	142	734	0.118	ng/ul	100
17) Pyrene	19.26	202	5029	0.282	ng/ul	99
18) Benzo(a)anthracene	21.02	228	2492	0.159	ng/ul	97
19) Chrysene	21.07	228	2888	0.167	ng/ul	97
21) Benzo(b)fluoranthene	22.52	252	5410	0.276	ng/ul	83
22) Benzo(k)fluoranthene	22.52	252	5410	0.249	ng/ul#	83
23) Benzo(a)pyrene	23.05	252	2804	0.154	ng/ul#	80
24) Indeno(1,2,3-cd)pyrene	25.20	276	1919	0.080	ng/ul#	86
25) Dibenzo(a,h)anthracene	25.21	278	508	0.027	ng/ul#	12
26) Benzo(g,h,i)perylene	25.83	276	2050	0.095	ng/ul#	88

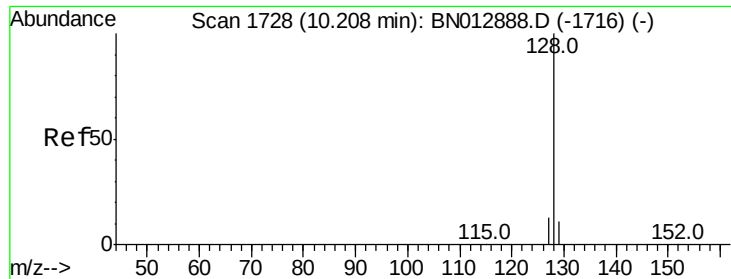
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.359 ng/ul

RT: 10.21 min Scan# 1728

Delta R.T. -0.00 min

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BNA_N

ClientSampleId :

C0BA4

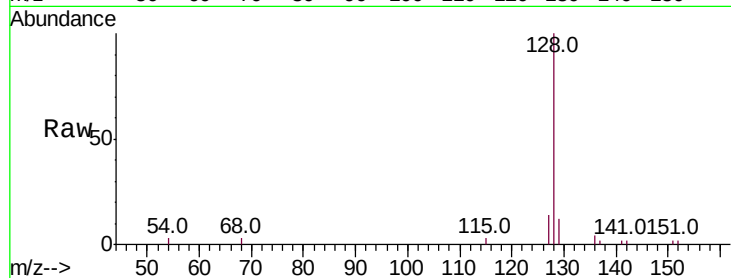
Tot Ion:128 Resp: 3390

Ion Ratio Lower Upper

128 100

129 12.5 12.3 18.5

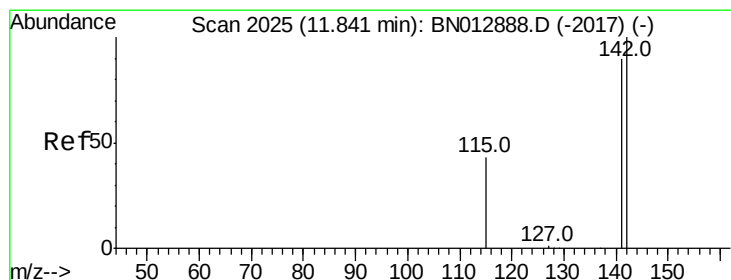
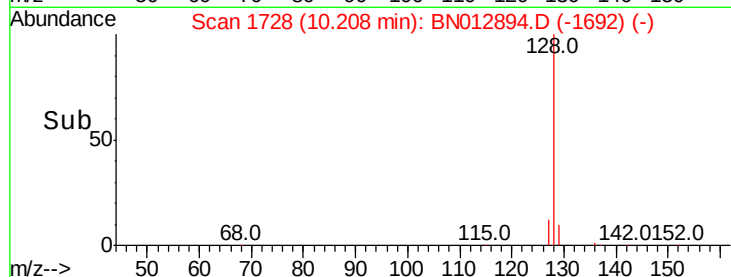
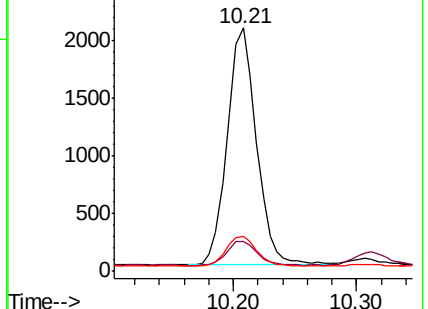
127 14.2 14.2 21.4#



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: 0.118 ng/ul

RT: 11.84 min Scan# 2025

Delta R.T. -0.00 min

Lab File: BN012894.D

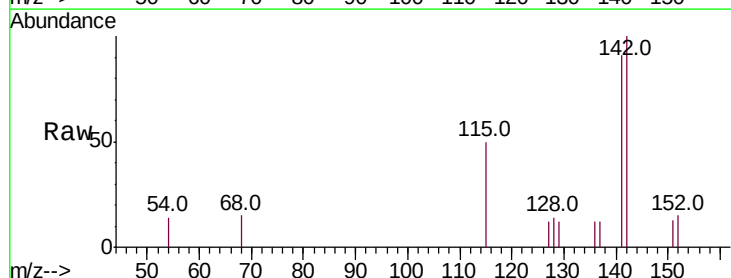
Acq: 05 Dec 2020 23:49

Tgt Ion:142 Resp: 734

Ion Ratio Lower Upper

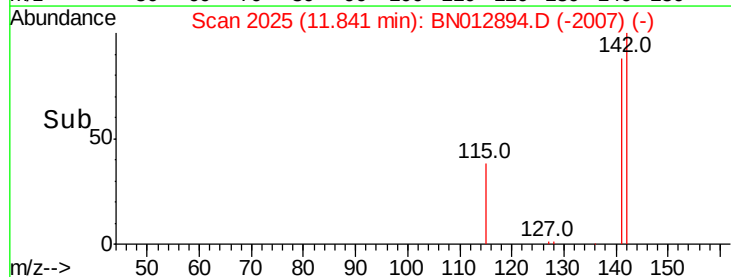
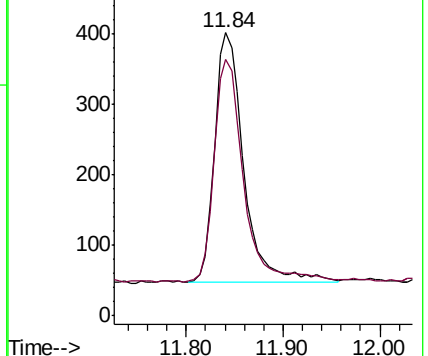
142 100

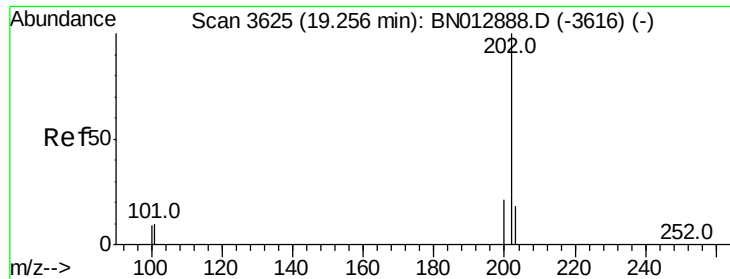
141 91.0 73.0 109.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

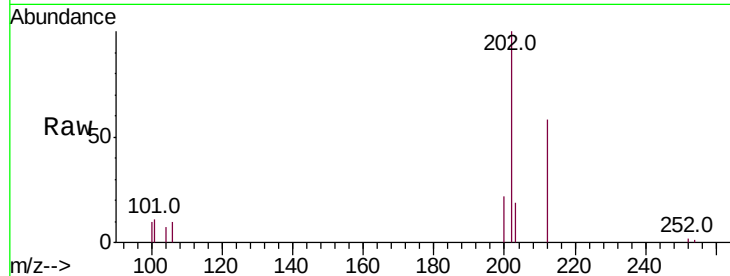




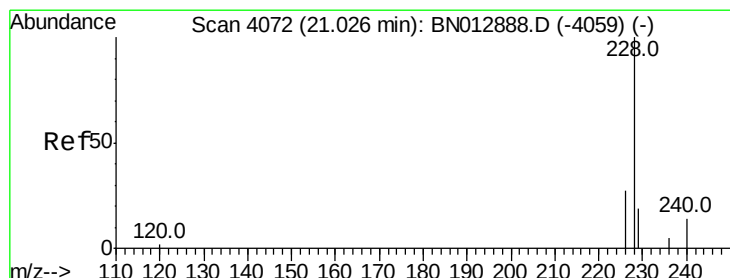
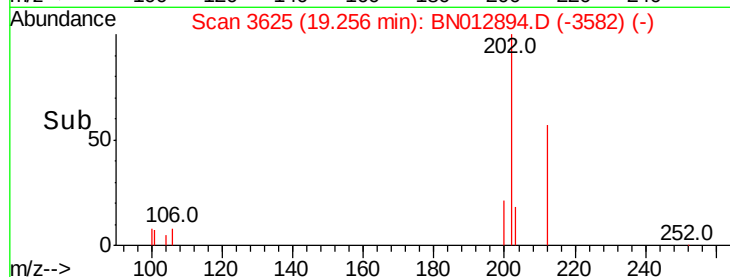
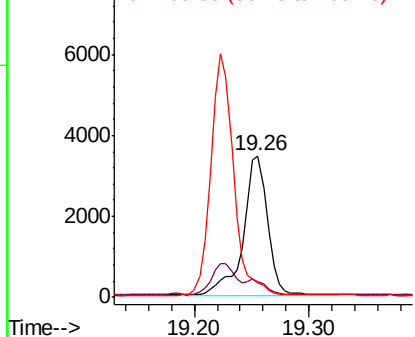
#17
Pvrene
Concen: 0.282 ng/ul
RT: 19.26 min Scan# 3625
Delta R.T. -0.00 min
Lab File: BN012894.D
Acq: 05 Dec 2020 23:49

Instrument :
BNA_N
ClientSampleId :
C0BA4

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.2	9.1	13.7
100	10.1	7.5	11.3

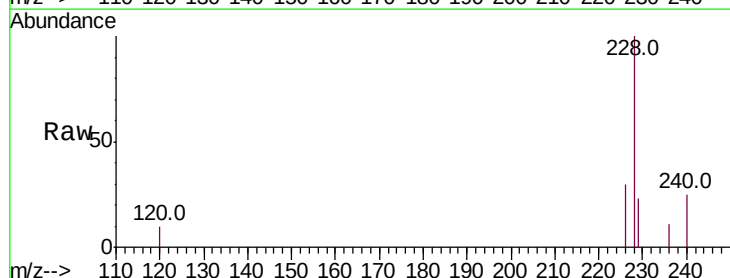


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

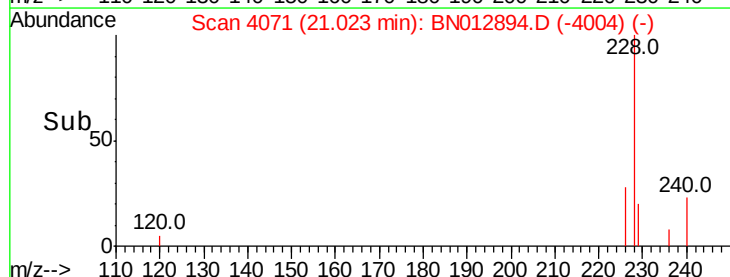
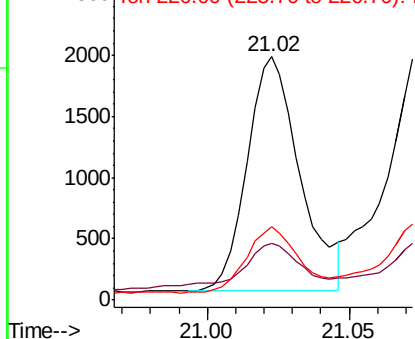


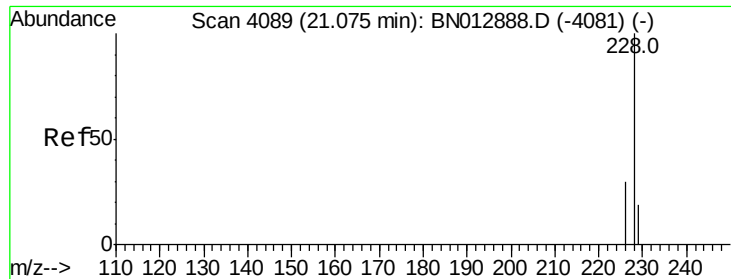
#18
Benzo(a)anthracene
Concen: 0.159 ng/ul
RT: 21.02 min Scan# 4071
Delta R.T. -0.00 min
Lab File: BN012894.D
Acq: 05 Dec 2020 23:49

Tgt Ion	Ratio	Lower	Upper
228	100		
229	23.1	16.3	24.5
226	30.1	23.4	35.2



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: 0.167 ng/ul

RT: 21.07 min Scan# 4088

Delta R.T. -0.00 min

Lab File: BN012894.D

Acq: 05 Dec 2020 23:49

Instrument :

BNA_N

ClientSampleId :

C0BA4

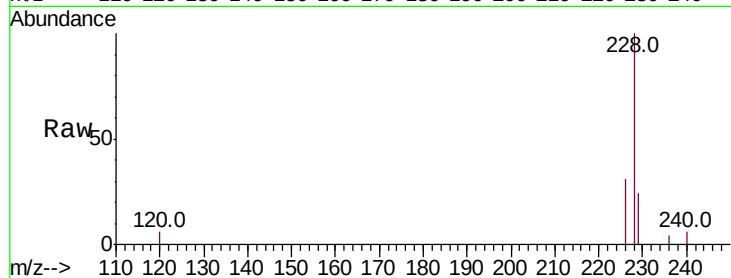
Tot Ion:228 Resp: 2888

Ion Ratio Lower Upper

228 100

226 31.2 25.0 37.6

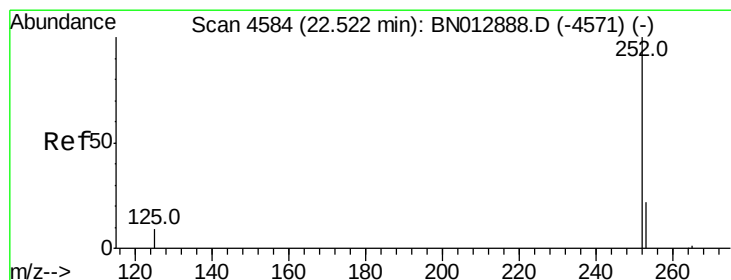
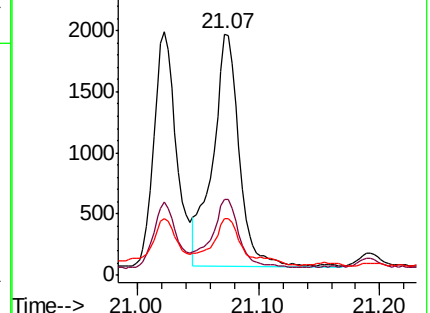
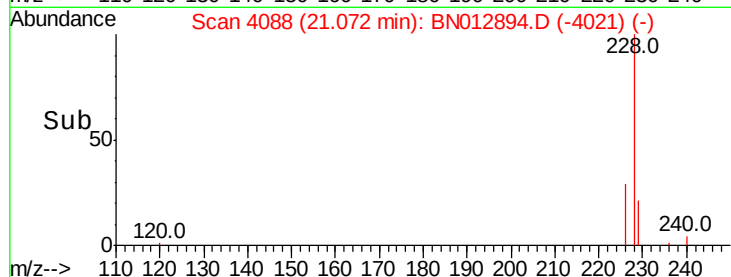
229 23.8 16.4 24.6



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: 0.276 ng/ul

RT: 22.52 min Scan# 4584

Delta R.T. -0.00 min

Lab File: BN012894.D

Acq: 05 Dec 2020 23:49

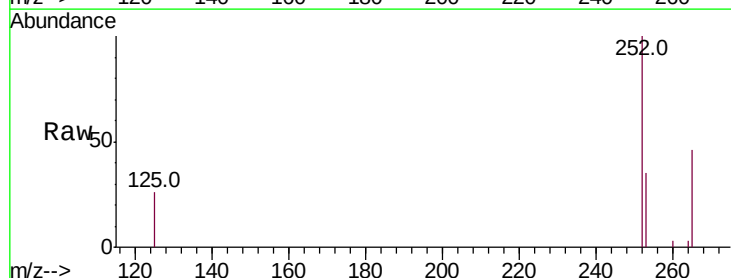
Tgt Ion:252 Resp: 5410

Ion Ratio Lower Upper

252 100

253 35.1 0.0 59.6

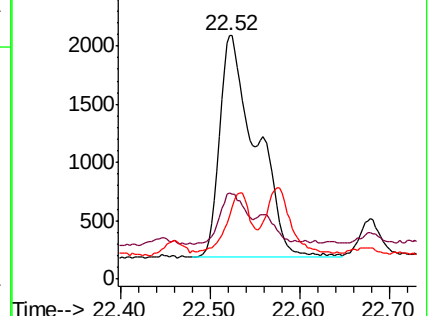
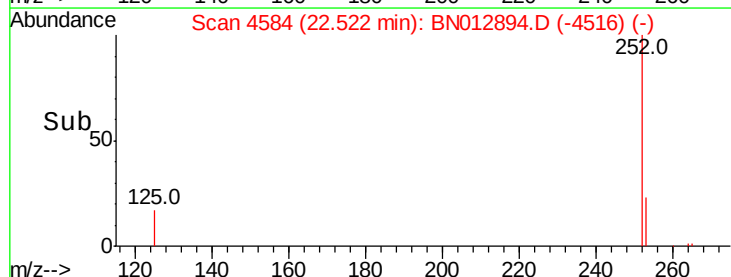
125 25.7 0.0 26.0

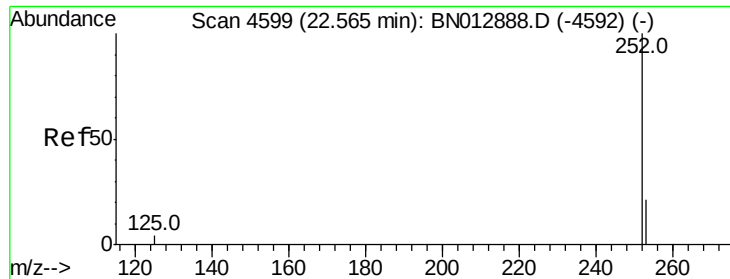


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.249 ng/ul

RT: 22.52 min Scan# 4584

Delta R.T. -0.04 min

Lab File: BN012894.D

Acq: 05 Dec 2020 23:49

Instrument :

BNA_N

ClientSampleId :

C0BA4

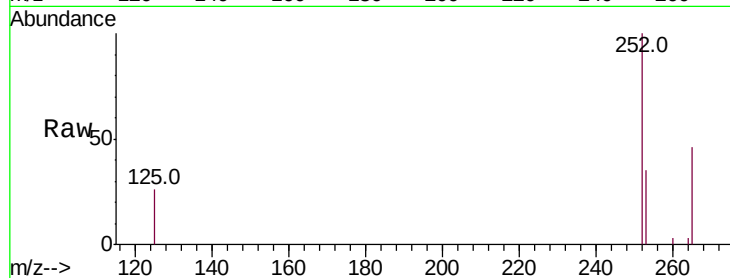
Tot Ion:252 Resp: 5410

Ion Ratio Lower Upper

252 100

253 35.1 23.4 35.2

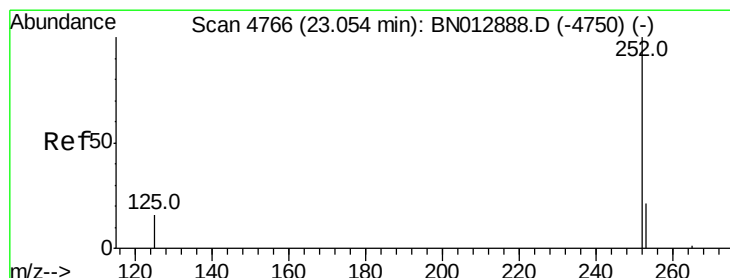
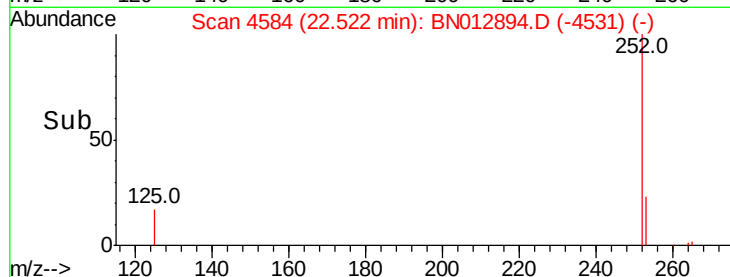
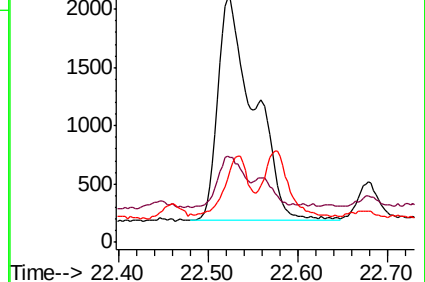
125 25.7 11.1 16.7#



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



#23

Benzo(a)pyrene

Concen: 0.154 ng/ul

RT: 23.05 min Scan# 4764

Delta R.T. -0.01 min

Lab File: BN012894.D

Acq: 05 Dec 2020 23:49

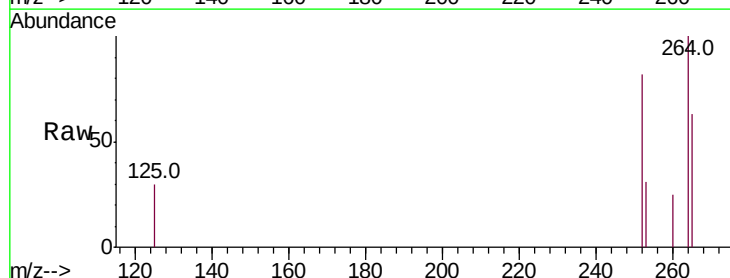
Tgt Ion:252 Resp: 2804

Ion Ratio Lower Upper

252 100

253 38.2 26.5 39.7

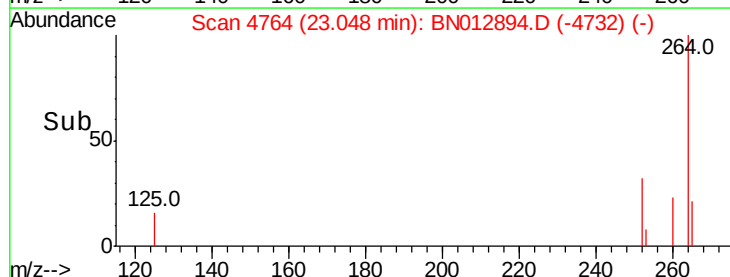
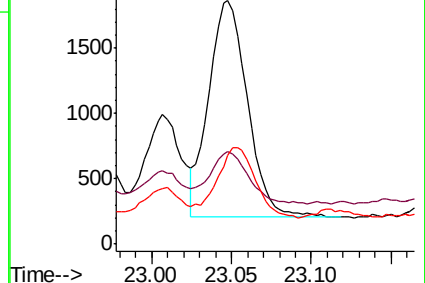
125 36.2 14.2 21.2#

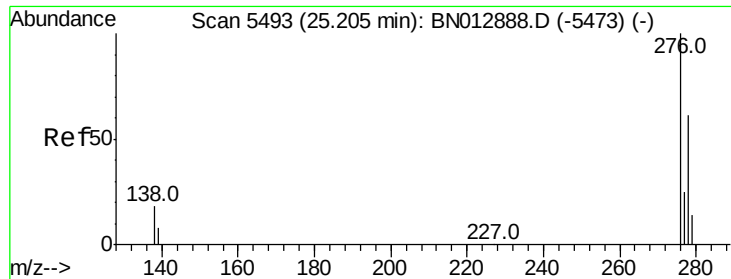


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



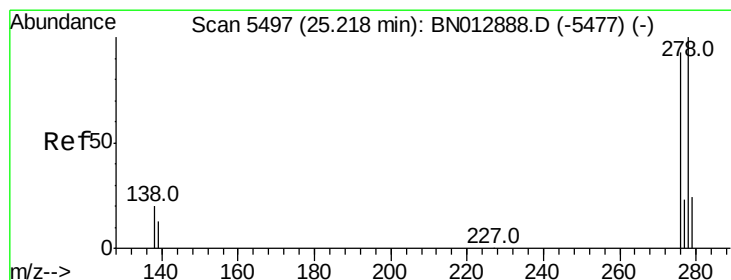
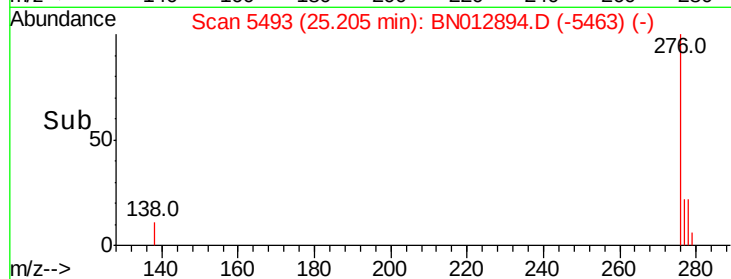
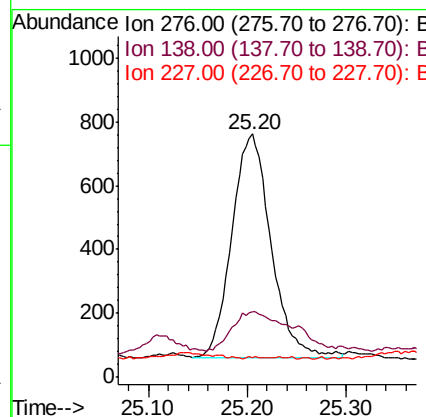
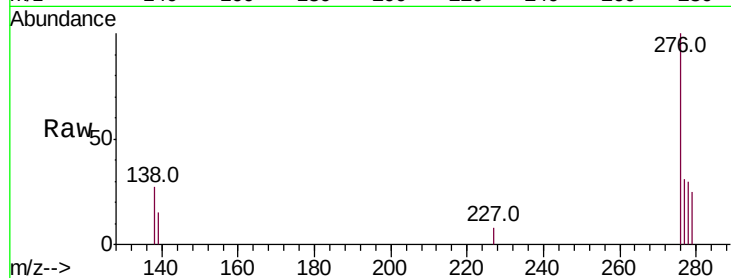


#24

Indeno(1,2,3-cd)pyrene
Concen: 0.080 ng/ul
RT: 25.20 min Scan# 5493
Delta R.T. -0.00 min
Lab File: BN012894.D
Acq: 05 Dec 2020 23:49

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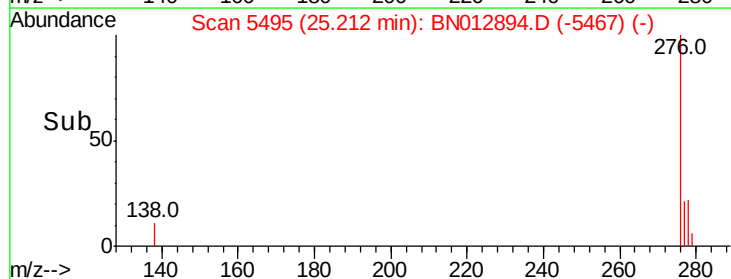
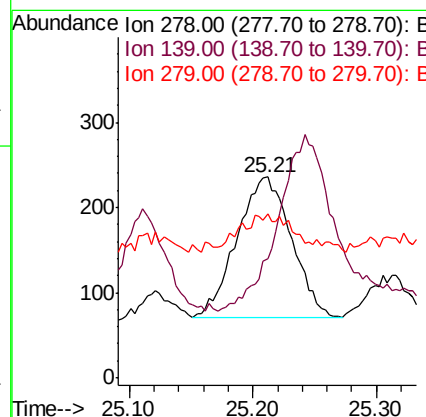
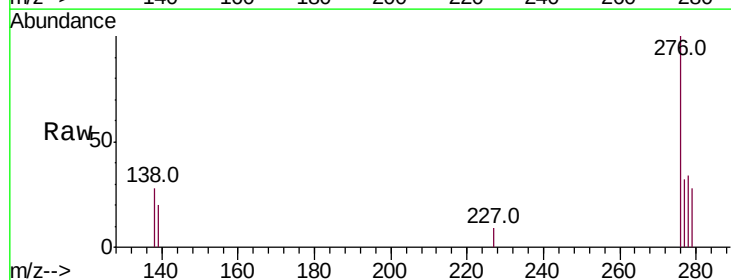
Tot Ion:276 Resp: 1919
Ion Ratio Lower Upper
276 100
138 26.7 16.2 24.2#
227 0.2 0.0 0.0#

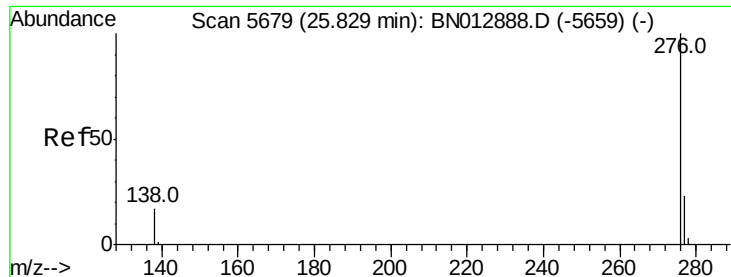


#25

Dibenzo(a,h)anthracene
Concen: 0.027 ng/ul
RT: 25.21 min Scan# 5495
Delta R.T. -0.01 min
Lab File: BN012894.D
Acq: 05 Dec 2020 23:49

Tgt Ion:278 Resp: 508
Ion Ratio Lower Upper
278 100
139 59.3 14.5 21.7#
279 81.4 26.3 39.5#





#26

Benzo(a,h,i)perylene

Concen: 0.095 ng/ul

RT: 25.83 min Scan# 5678

Delta R.T. -0.00 min

Lab File: BN012894.D

Acq: 05 Dec 2020 23:49

Instrument :

BNA_N

ClientSampleId :

C0BA4

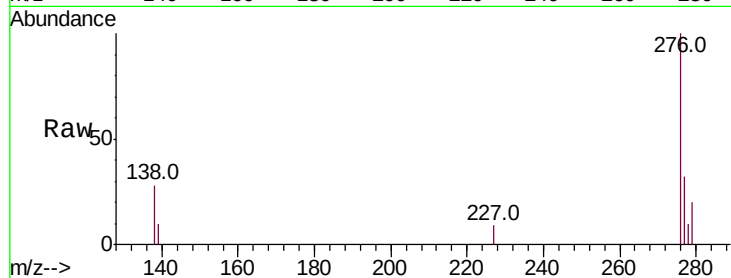
Tot Ion:276 Resp: 2050

Ion Ratio Lower Upper

276 100

138 27.7 16.3 24.5#

277 31.6 21.8 32.6



Abundance Ion 276.00 (275.70 to 276.70): E

1000 Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

