

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120220\
 Data File : BN012789.D
 Acq On : 01 Dec 2020 19:28
 Operator : CG/JU
 Sample : L4793-14
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B39

Quant Time: Dec 02 00:56:53 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 00:53:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	1009	0.40	ng/ul	0.00
2) Naphthalene-d8	10.19	136	4279	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.08	164	2470	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.84	188	5209	0.40	ng/ul	0.00
16) Chrysene-d12	21.05	240	4425	0.40	ng/ul	0.00
20) Perylene-d12	23.16	264	4520	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.79	152	723	0.12	ng/ul	0.00
14) Fluoranthene-d10	18.87	212	1727	0.13	ng/ul	0.00

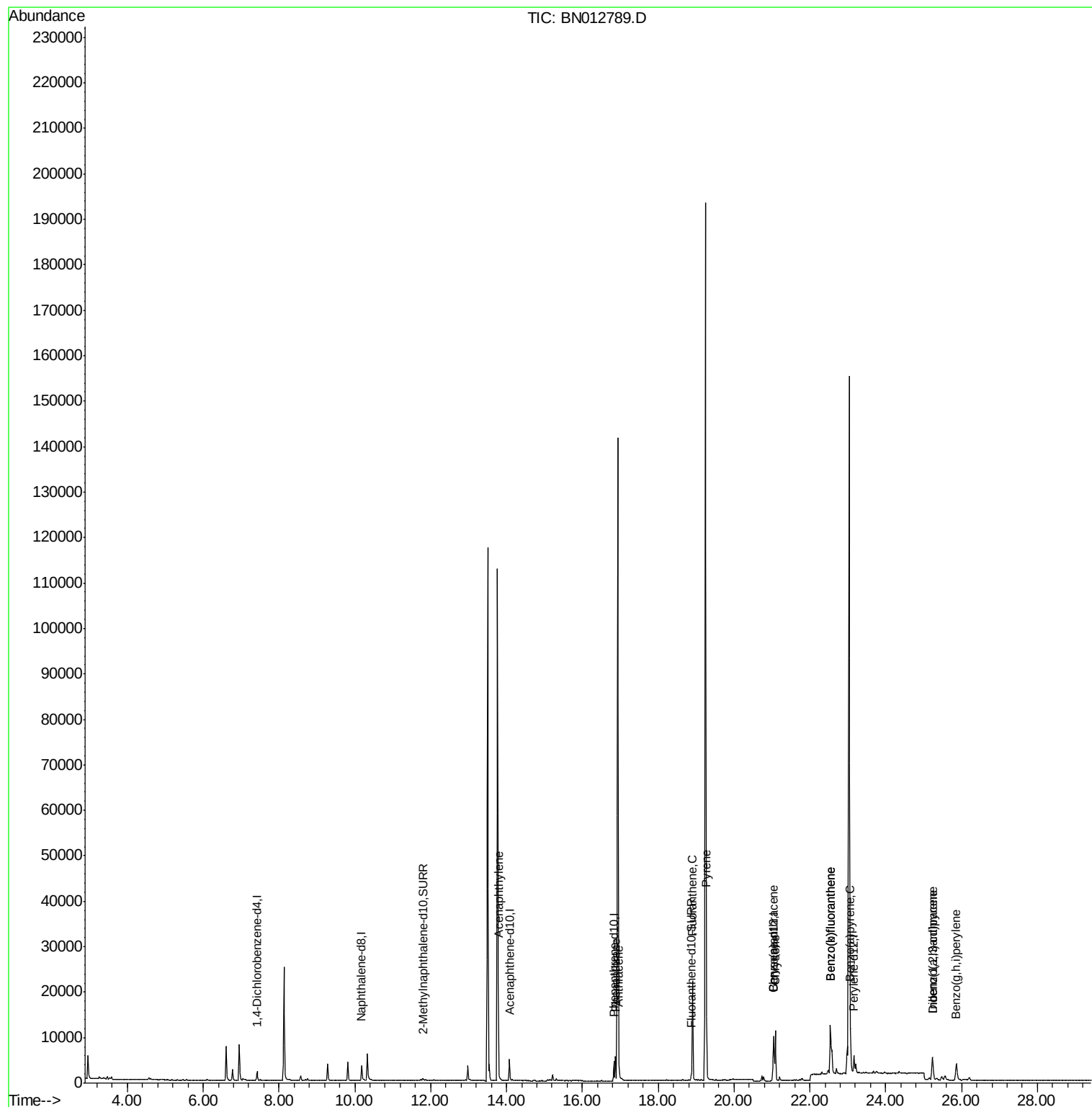
Target Compounds				Ovalue		
7) Acenaphthylene	13.79	152	424	0.035	ng/ul#	73
12) Phenanthrene	16.87	178	5685	0.314	ng/ul	98
13) Anthracene	16.97	178	926	0.059	ng/ul#	88
15) Fluoranthene	18.91	202	19177	0.916	ng/ul	98
17) Pyrene	19.27	202	17139	0.866	ng/ul	97
18) Benzo(a)anthracene	21.04	228	7729	0.487	ng/ul	100
19) Chrysene	21.09	228	10947	0.553	ng/ul	98
21) Benzo(b)fluoranthene	22.54	252	21876	1.052	ng/ul	94
22) Benzo(k)fluoranthene	22.54	252	21876	0.912	ng/ul	94
23) Benzo(a)pyrene	23.07	252	9519	0.486	ng/ul#	90
24) Indeno(1,2,3-cd)pyrene	25.23	276	7775	0.304	ng/ul#	96
25) Dibenzo(a,h)anthracene	25.24	278	1812	0.088	ng/ul#	76
26) Benzo(g,h,i)perylene	25.86	276	7279	0.316	ng/ul	97

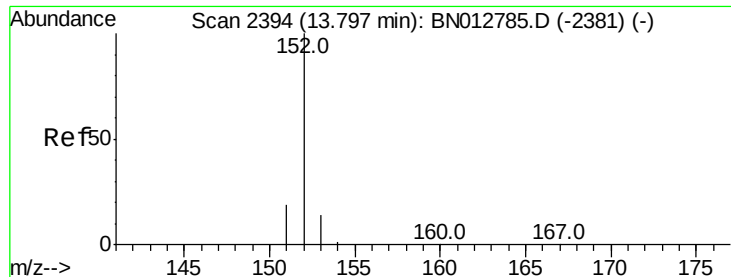
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 02 00:53:21 2020
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.035 ng/ul

RT: 13.79 min Scan# 2393

Delta R.T. -0.00 min

Lab File: BN012789.D

Acq: 01 Dec 2020 19:28

Instrument :

BNA_N

ClientSampleId :

C0B39

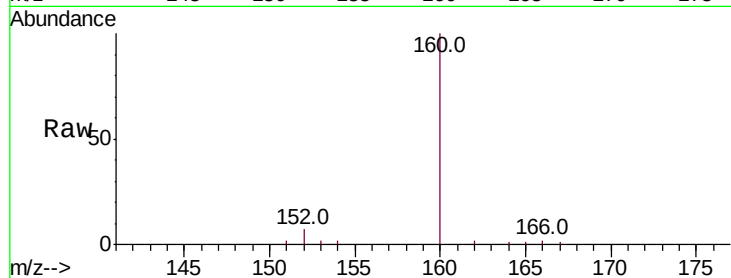
Tot Ion:152 Resp: 424

Ion Ratio Lower Upper

152 100

151 33.2 17.1 25.7#

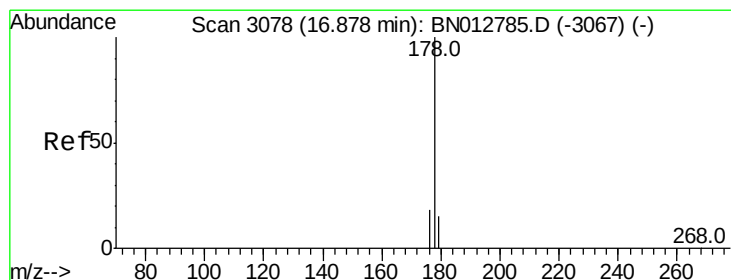
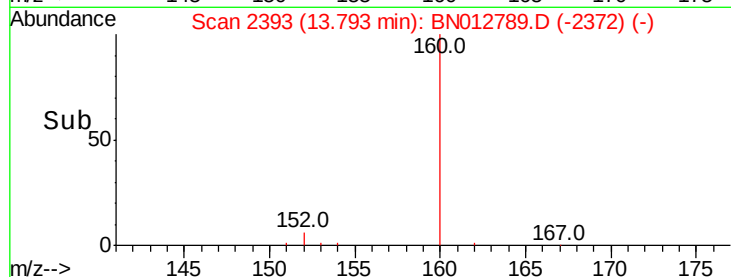
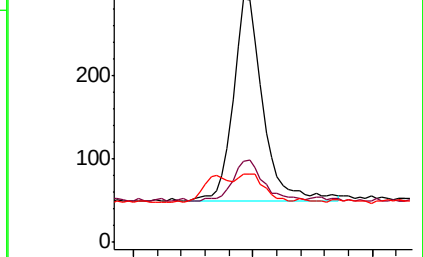
153 28.1 12.6 19.0#



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



#12

Phenanthrene

Concen: 0.314 ng/ul

RT: 16.87 min Scan# 3077

Delta R.T. -0.01 min

Lab File: BN012789.D

Acq: 01 Dec 2020 19:28

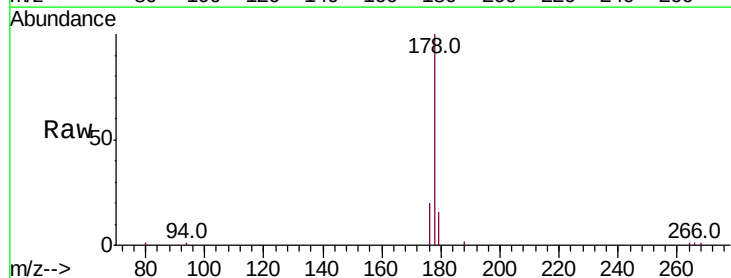
Tgt Ion:178 Resp: 5685

Ion Ratio Lower Upper

178 100

179 16.4 13.8 20.6

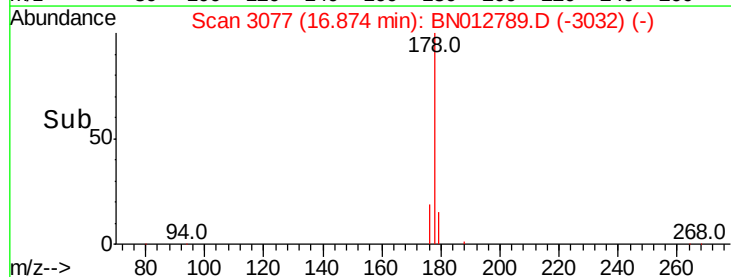
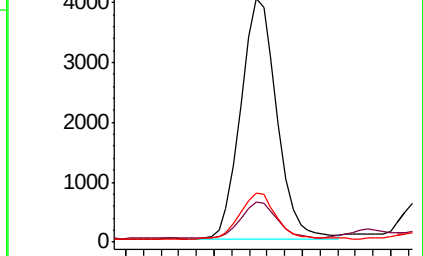
176 20.0 16.7 25.1

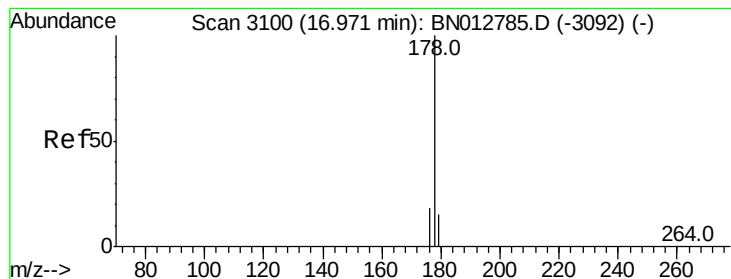


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#13

Anthracene

Concen: 0.059 ng/ul

RT: 16.97 min Scan# 3099

Delta R.T. -0.01 min

Lab File: BN012789.D

Acq: 01 Dec 2020 19:28

Instrument :

BNA_N

ClientSampleId :

C0B39

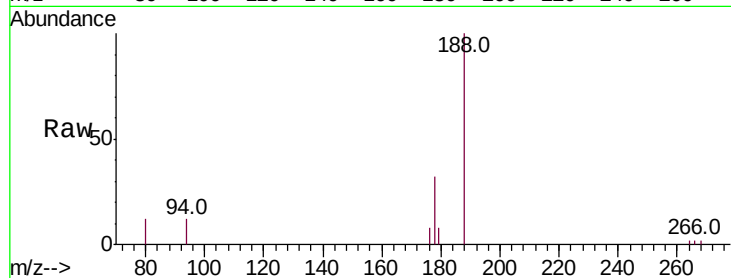
Tot Ion:178 Resp: 926

Ion Ratio Lower Upper

178 100

179 23.5 14.8 22.2#

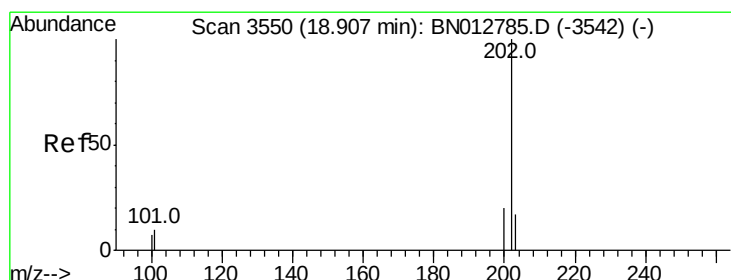
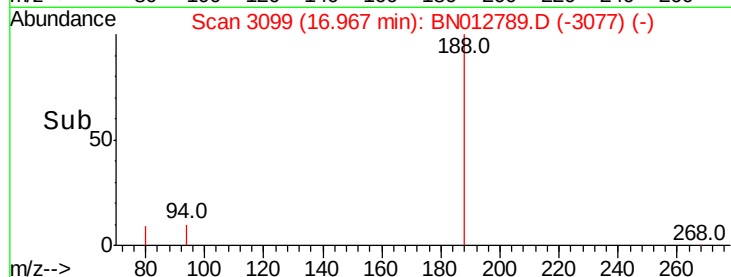
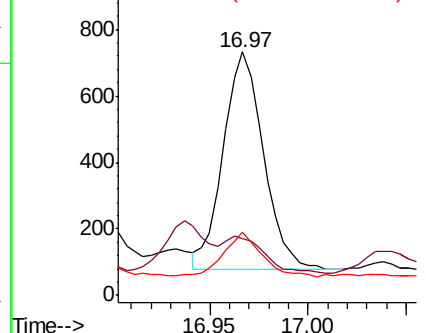
176 26.1 16.3 24.5#



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



#15

Fluoranthene

Concen: 0.916 ng/ul

RT: 18.91 min Scan# 3550

Delta R.T. -0.00 min

Lab File: BN012789.D

Acq: 01 Dec 2020 19:28

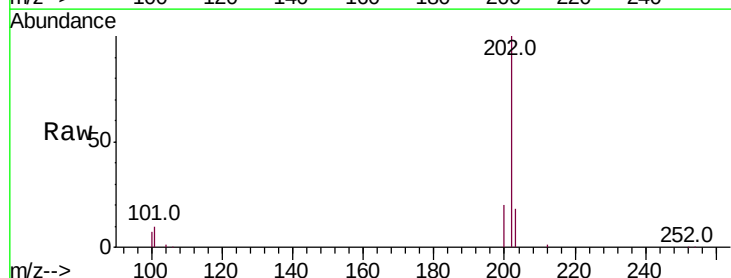
Tgt Ion:202 Resp: 19177

Ion Ratio Lower Upper

202 100

101 9.7 0.0 30.5

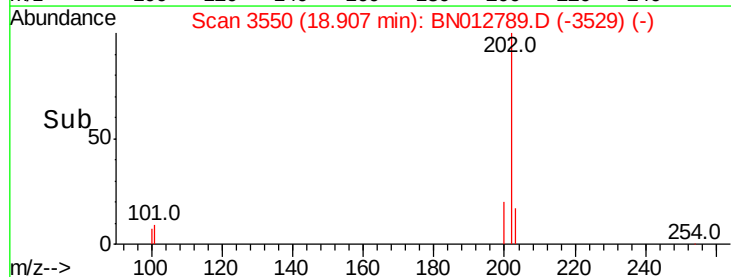
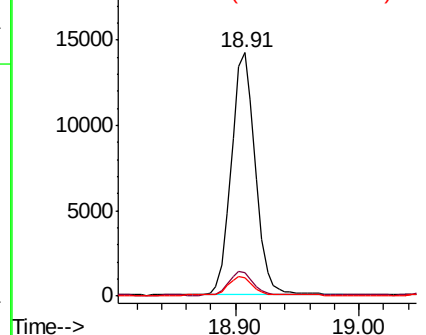
100 7.4 0.0 28.4

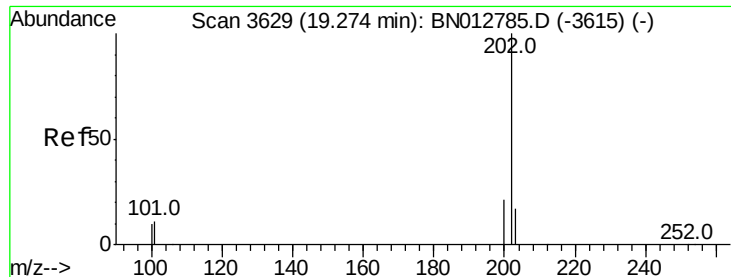


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

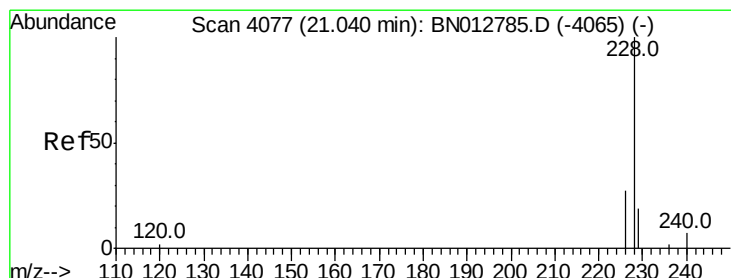
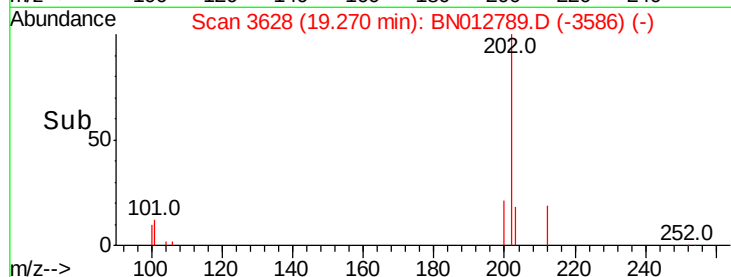
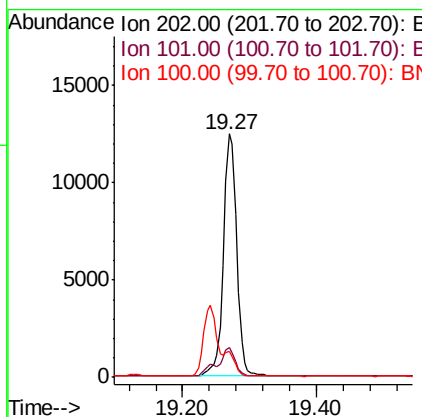
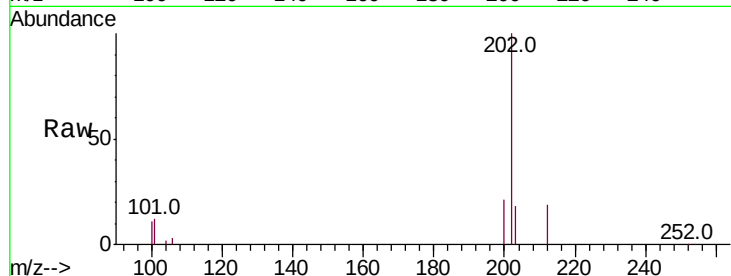




#17
Pvrene
Concen: 0.866 ng/ul
RT: 19.27 min Scan# 3628
Delta R.T. -0.00 min
Lab File: BN012789.D
Acq: 01 Dec 2020 19:28

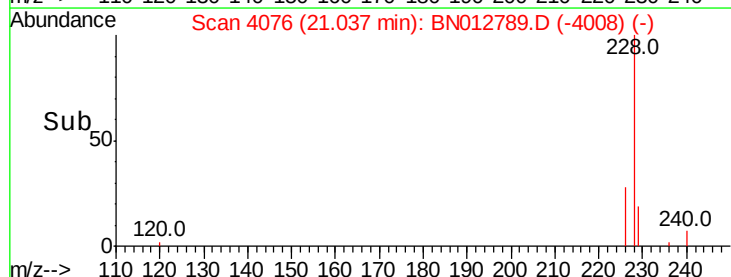
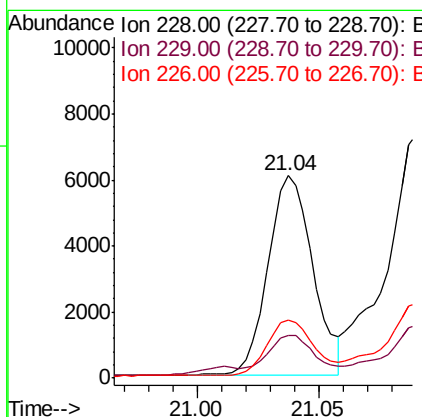
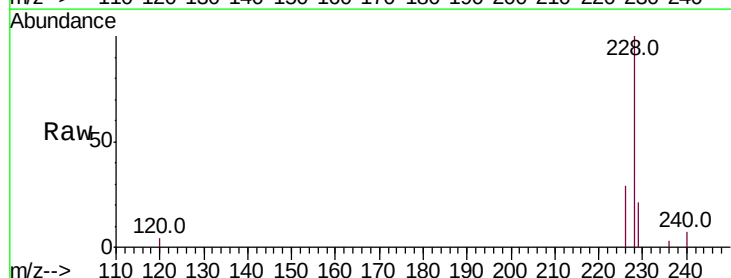
Instrument :
BNA_N
ClientSampleId :
C0B39

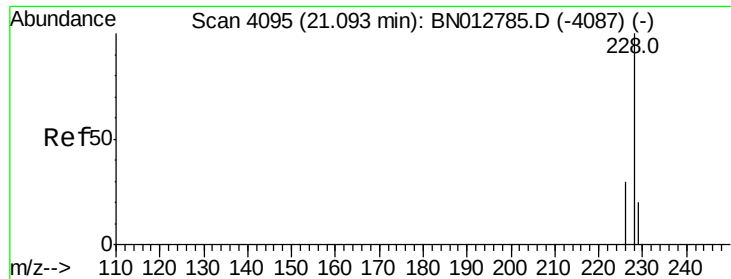
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.3	8.9	13.3
100	10.7	7.4	11.2



#18
Benzo(a)anthracene
Concen: 0.487 ng/ul
RT: 21.04 min Scan# 4076
Delta R.T. -0.00 min
Lab File: BN012789.D
Acq: 01 Dec 2020 19:28

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.8	16.9	25.3
226	28.8	23.1	34.7





#19

Chrysene

Concen: 0.553 ng/ul

RT: 21.09 min Scan# 4094

Delta R.T. -0.00 min

Lab File: BN012789.D

Acq: 01 Dec 2020 19:28

Instrument :

BNA_N

ClientSampleId :

C0B39

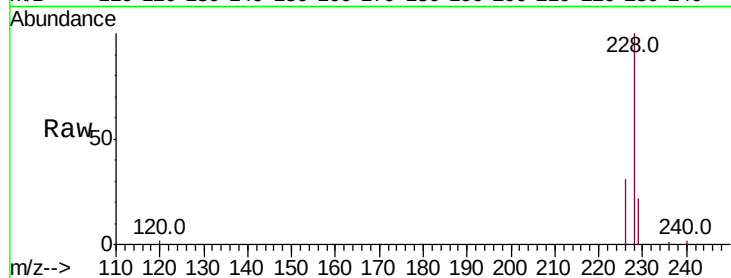
Tot Ion:228 Resp: 10947

Ion Ratio Lower Upper

228 100

226 30.9 24.4 36.6

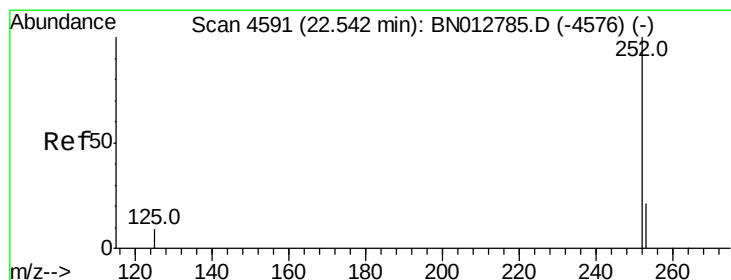
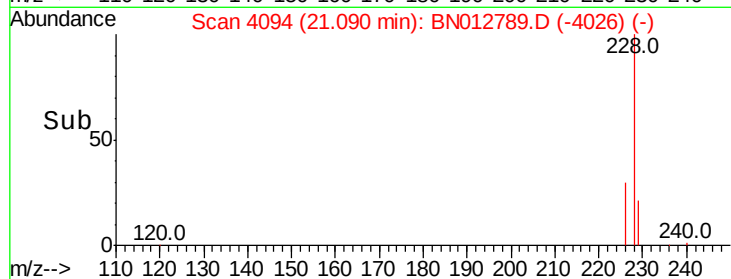
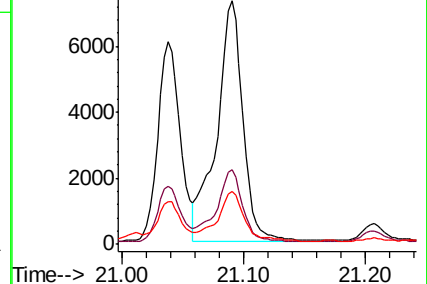
229 21.9 16.1 24.1



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: 1.052 ng/ul

RT: 22.54 min Scan# 4591

Delta R.T. 0.00 min

Lab File: BN012789.D

Acq: 01 Dec 2020 19:28

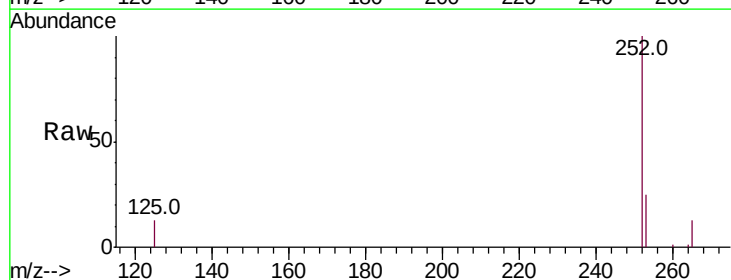
Tgt Ion:252 Resp: 21876

Ion Ratio Lower Upper

252 100

253 25.2 0.0 58.4

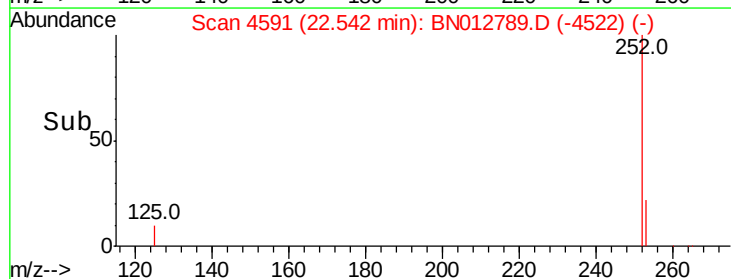
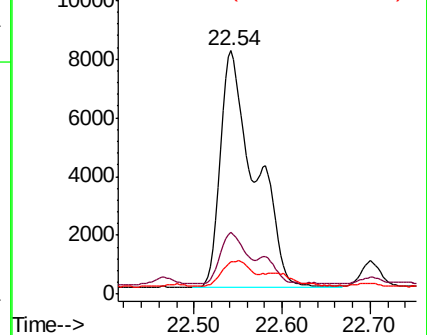
125 13.2 0.0 28.6

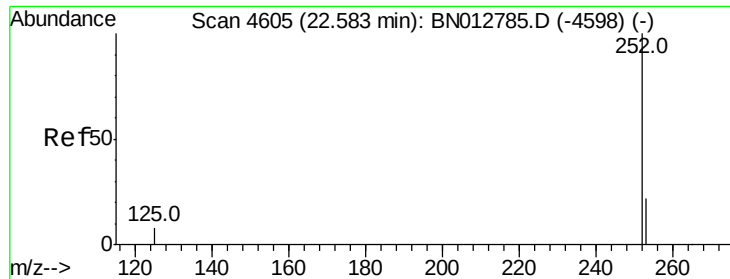


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.912 ng/ul

RT: 22.54 min Scan# 4591

Delta R.T. -0.04 min

Lab File: BN012789.D

Acq: 01 Dec 2020 19:28

Instrument :

BNA_N

ClientSampleId :

C0B39

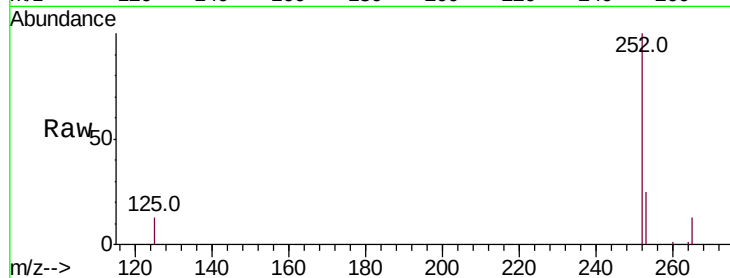
Tot Ion:252 Resp: 21876

Ion Ratio Lower Upper

252 100

253 25.2 23.4 35.2

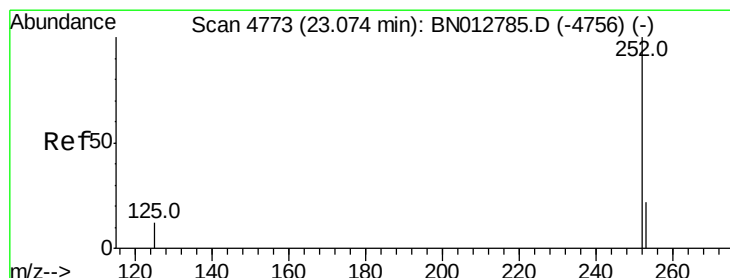
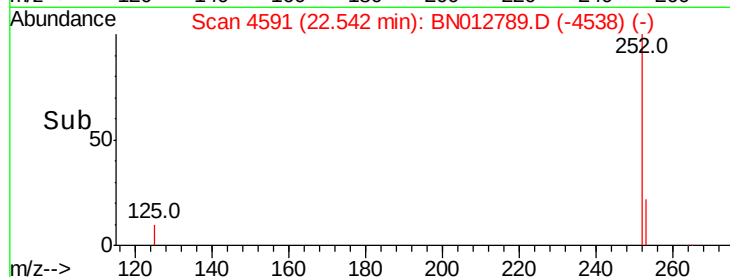
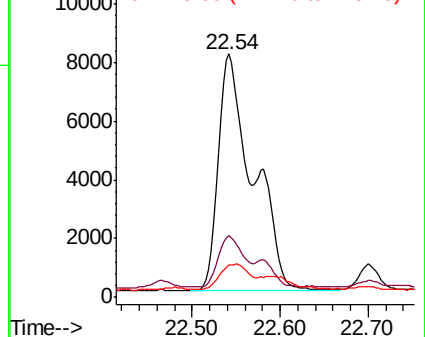
125 13.2 10.2 15.2



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



#23

Benzo(a)pyrene

Concen: 0.486 ng/ul

RT: 23.07 min Scan# 4772

Delta R.T. -0.01 min

Lab File: BN012789.D

Acq: 01 Dec 2020 19:28

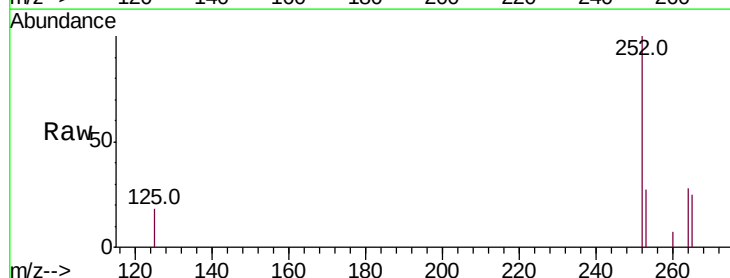
Tgt Ion:252 Resp: 9519

Ion Ratio Lower Upper

252 100

253 27.4 27.6 41.4#

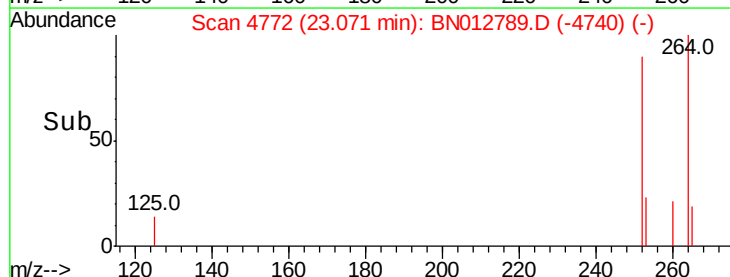
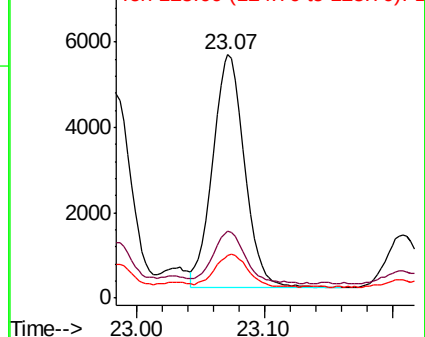
125 17.7 17.0 25.4

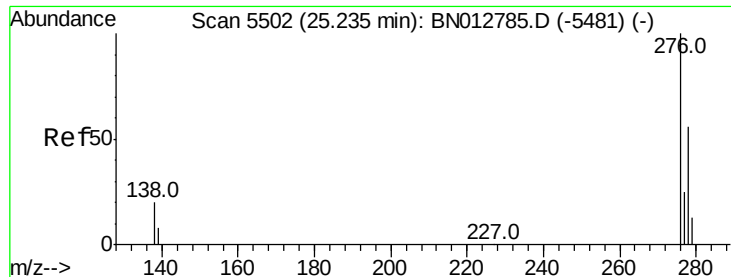


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



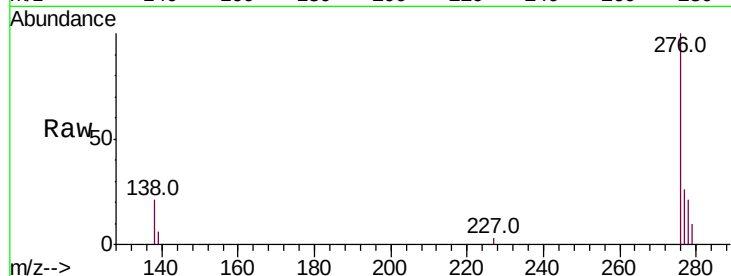


#24

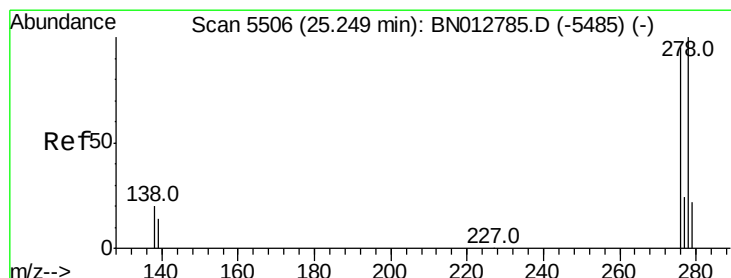
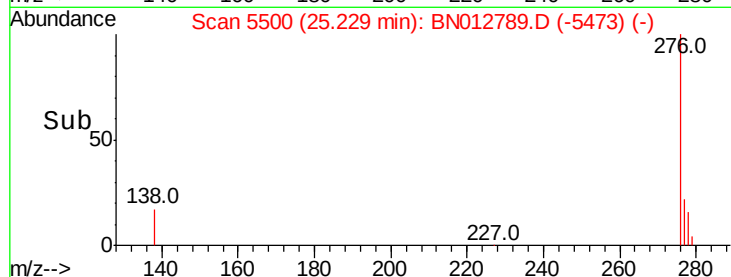
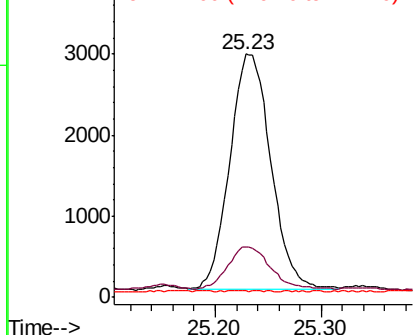
Indeno(1,2,3-cd)pyrene
Concen: 0.304 ng/ul
RT: 25.23 min Scan# 5500
Delta R.T. -0.01 min
Lab File: BN012789.D
Acq: 01 Dec 2020 19:28

Instrument :
BNA_N
ClientSampleId :
C0B39

Tot Ion:276 Resp: 7775
Ion Ratio Lower Upper
276 100
138 18.9 16.5 24.7
227 0.0 0.1 0.1#



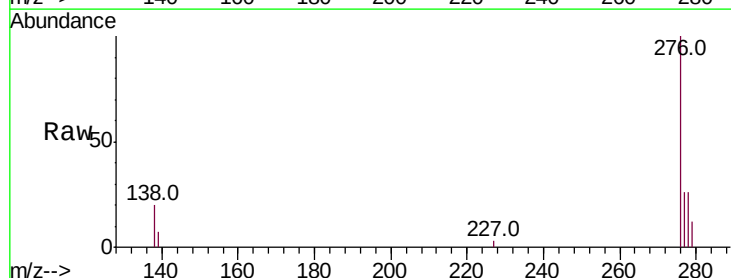
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



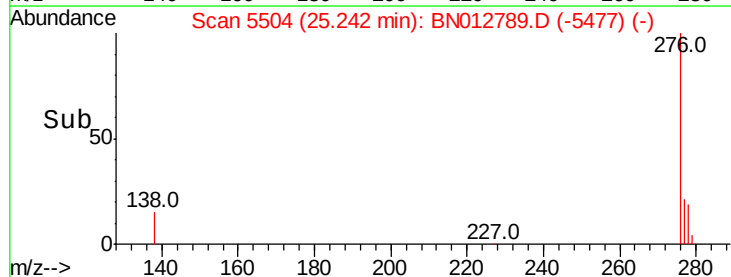
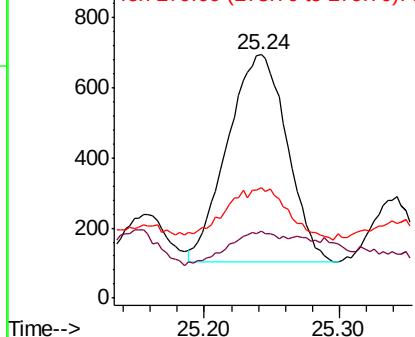
#25

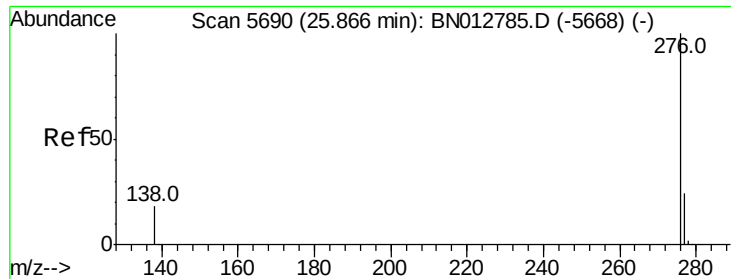
Dibenzo(a,h)anthracene
Concen: 0.088 ng/ul
RT: 25.24 min Scan# 5504
Delta R.T. -0.01 min
Lab File: BN012789.D
Acq: 01 Dec 2020 19:28

Tgt Ion:278 Resp: 1812
Ion Ratio Lower Upper
278 100
139 27.6 13.8 20.8#
279 45.2 25.6 38.4#



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: 0.316 ng/ul

RT: 25.86 min Scan# 5689

Delta R.T. -0.00 min

Lab File: BN012789.D

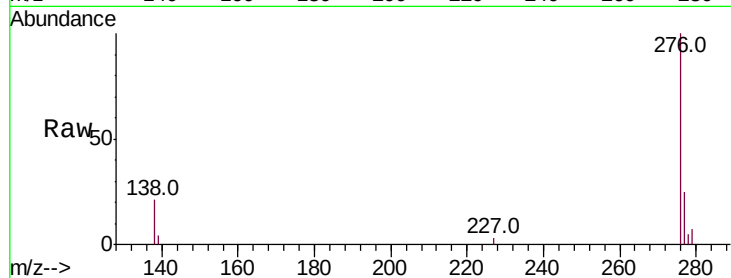
Acq: 01 Dec 2020 19:28

Instrument :

BNA_N

ClientSampleId :

C0B39



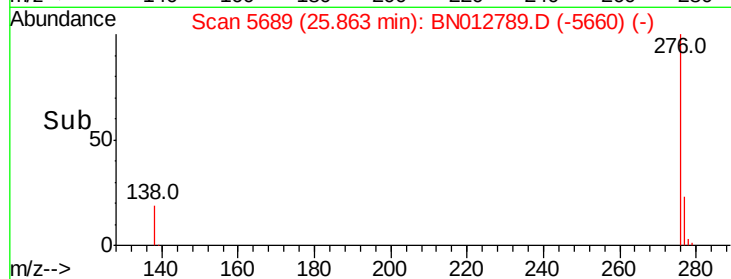
Tot Ion:276 Resp: 7279

Ion Ratio Lower Upper

276 100

138 21.3 16.3 24.5

277 25.3 21.8 32.8



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

