

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\
 Data File : BN008365.D
 Acq On : 24 Oct 2019 00:30
 Operator : JU
 Sample : K5235-03
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 24 01:39:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 23 14:07:55 2019
 Response via : Initial Calibration

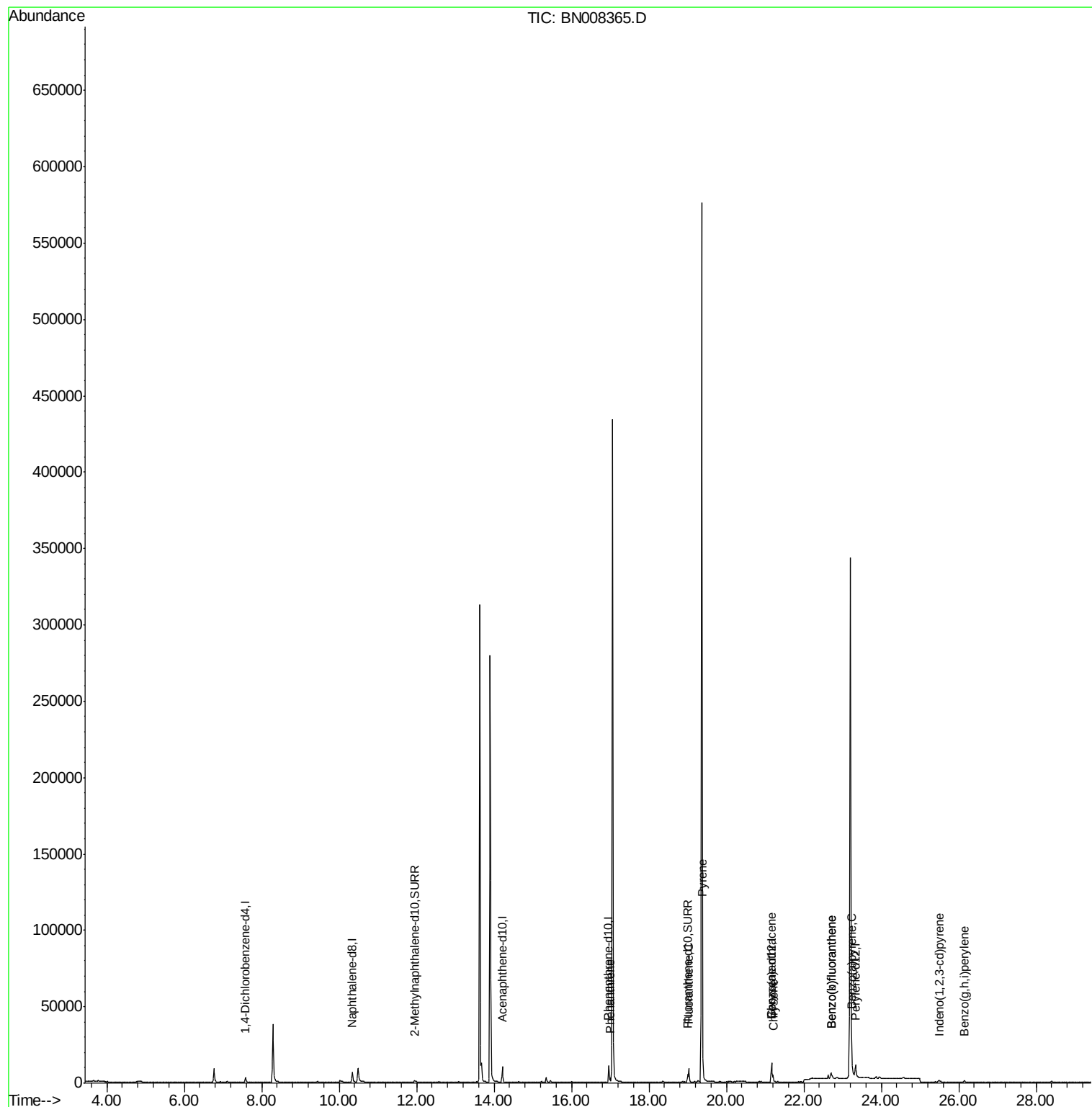
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	1862	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.34	136	9077	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.21	164	5863	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.96	188	12974	0.40	ng/ul	-0.01
16) Chrysene-d12	21.17	240	11262	0.40	ng/ul	-0.01
20) Perylene-d12	23.33	264	9980	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	2124	0.14	ng/ul	-0.01
14) Fluoranthene-d10	19.00	212	6394	0.14	ng/ul	-0.01
Target Compounds				Ovalue		
12) Phenanthrene	17.00	178	3008	0.079	ng/ul	96
15) Fluoranthene	19.03	202	7615	0.152	ng/ul	94
17) Pyrene	19.39	202	8445	0.188	ng/ul#	91
18) Benzo(a)anthracene	21.15	228	4487	0.110	ng/ul	93
19) Chrysene	21.20	228	4468	0.089	ng/ul	94
21) Benzo(b)fluoranthene	22.70	252	7239	0.223	ng/ul#	66
22) Benzo(k)fluoranthene	22.70	252	7239	0.197	ng/ul#	65
23) Benzo(a)pyrene	23.24	252	3626	0.106	ng/ul#	56
24) Indeno(1,2,3-cd)pyrene	25.49	276	2041	0.051	ng/ul#	89
26) Benzo(g,h,i)perylene	26.14	276	2048	0.055	ng/ul#	81

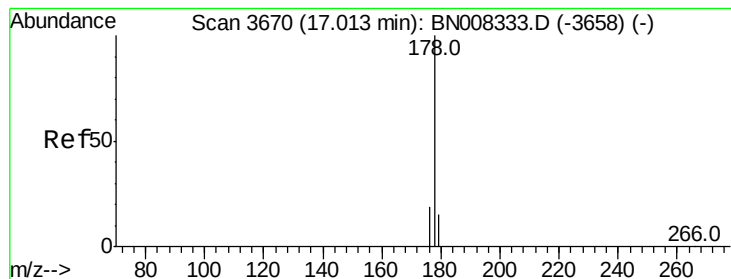
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

Phenanthrene

Concen: 0.079 ng/ul

RT: 17.00 min Scan# 3668

Delta R.T. -0.01 min

Lab File: BN008365.D

Acq: 24 Oct 2019 00:30

Instrument :

BNA_N

ClientSampleId :

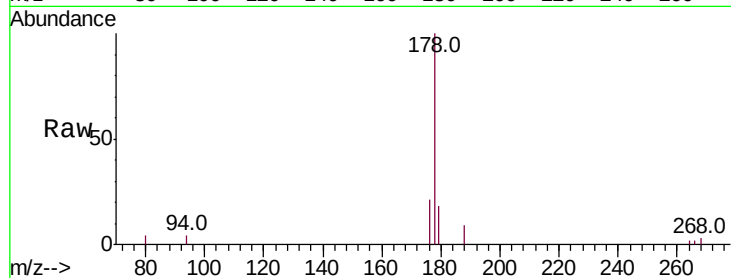
Tot Ion:178 Resp: 3008

Ion Ratio Lower Upper

178 100

179 18.0 12.8 19.2

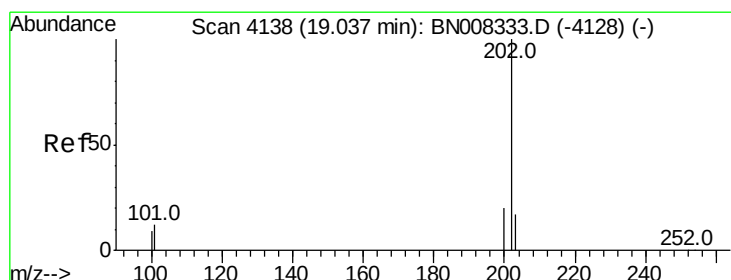
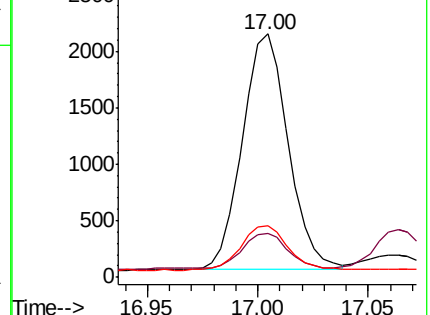
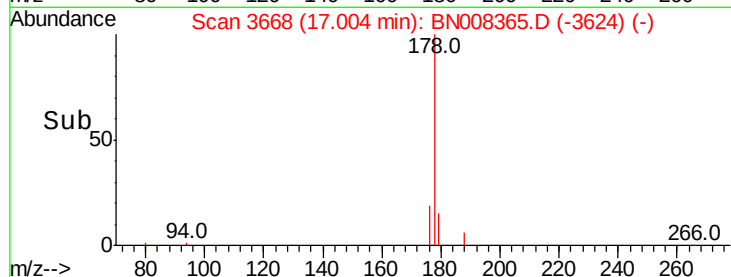
176 21.0 15.4 23.2



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: 0.152 ng/ul

RT: 19.03 min Scan# 4136

Delta R.T. -0.01 min

Lab File: BN008365.D

Acq: 24 Oct 2019 00:30

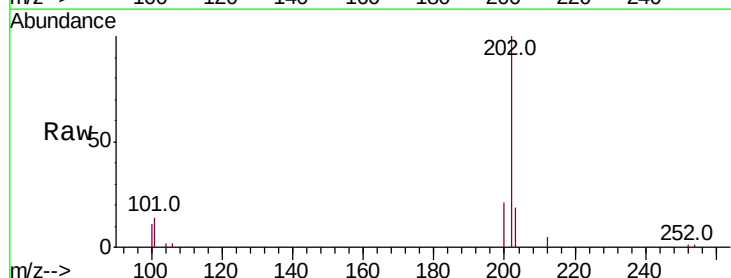
Tgt Ion:202 Resp: 7615

Ion Ratio Lower Upper

202 100

101 13.7 0.0 31.2

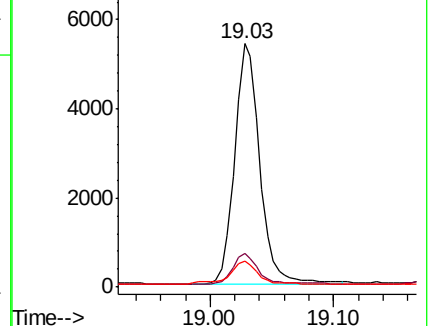
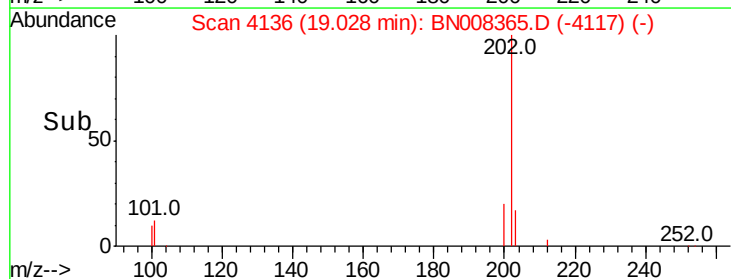
100 10.8 0.0 28.5

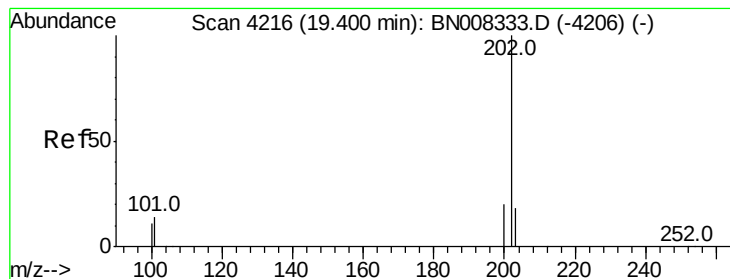


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#17

Pvrene

Concen: 0.188 ng/ul

RT: 19.39 min Scan# 4214

Delta R.T. -0.01 min

Lab File: BN008365.D

Acq: 24 Oct 2019 00:30

Instrument :

BNA_N

ClientSampleId :

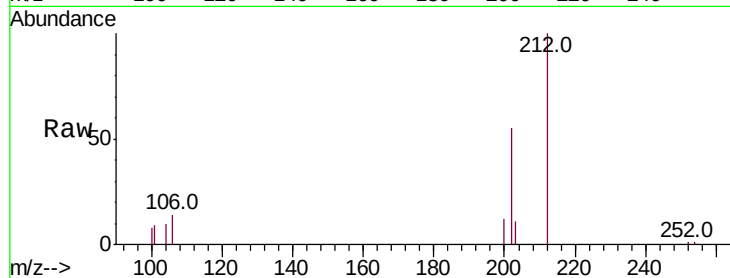
Tot Ion:202 Resp: 8445

Ion Ratio Lower Upper

202 100

101 16.4 10.9 16.3#

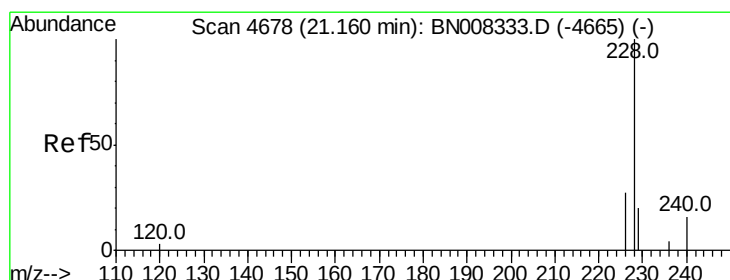
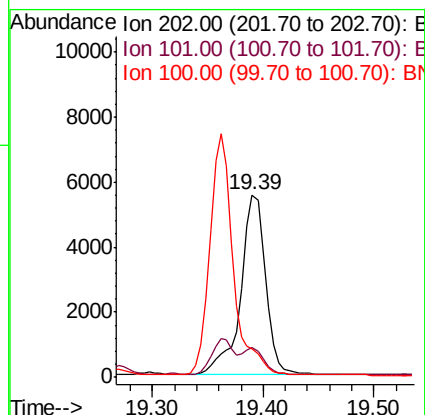
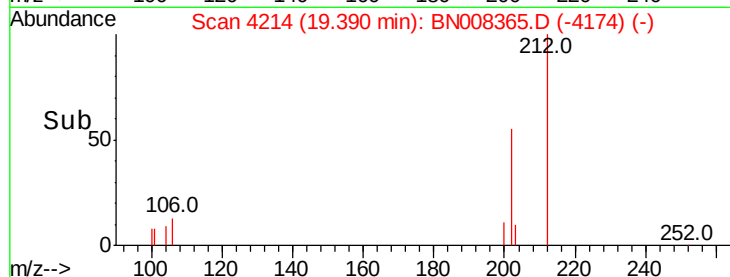
100 15.3 8.7 13.1#



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: 0.110 ng/ul

RT: 21.15 min Scan# 4676

Delta R.T. -0.01 min

Lab File: BN008365.D

Acq: 24 Oct 2019 00:30

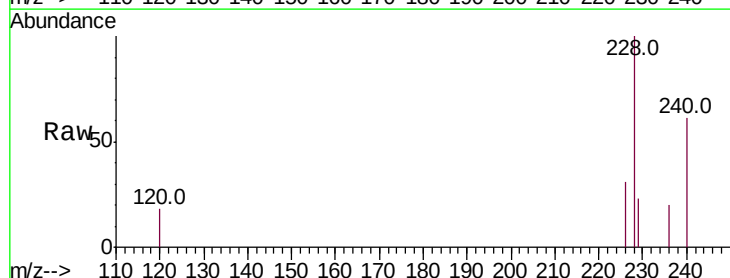
Tgt Ion:228 Resp: 4487

Ion Ratio Lower Upper

228 100

229 23.1 16.2 24.2

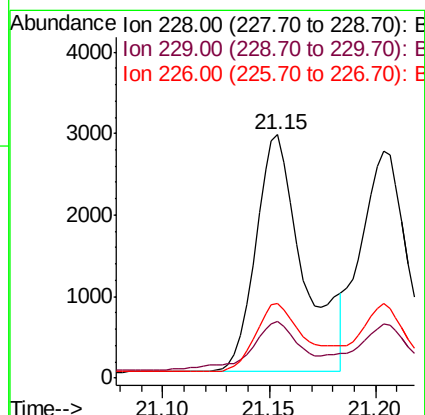
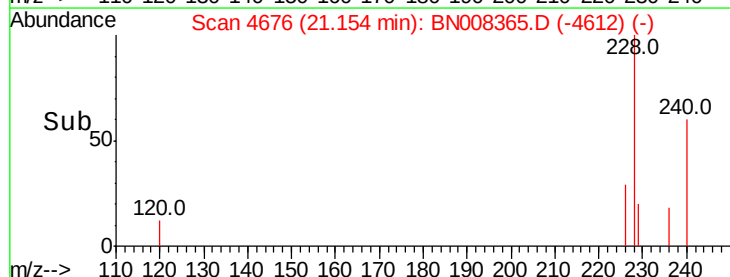
226 30.9 21.4 32.0

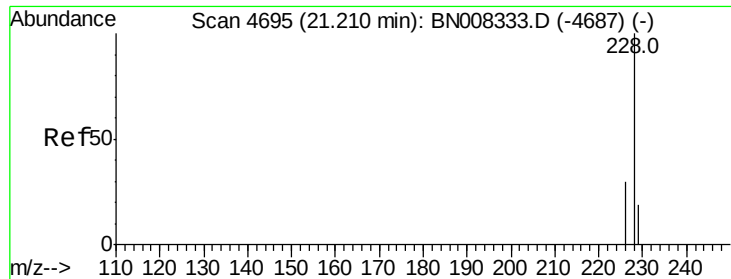


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.089 ng/ul

RT: 21.20 min Scan# 4693

Delta R.T. -0.01 min

Lab File: BN008365.D

Acq: 24 Oct 2019 00:30

Instrument :

BNA_N

ClientSampleId :

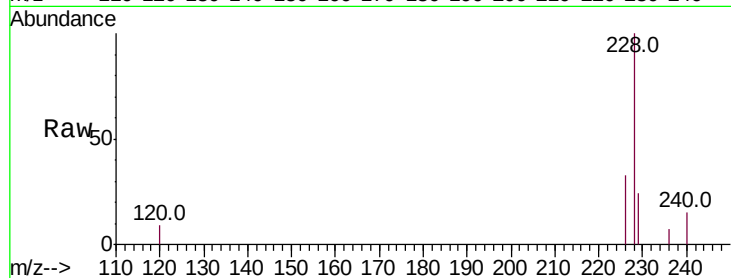
Tot Ion:228 Resp: 4468

Ion Ratio Lower Upper

228 100

226 32.7 24.1 36.1

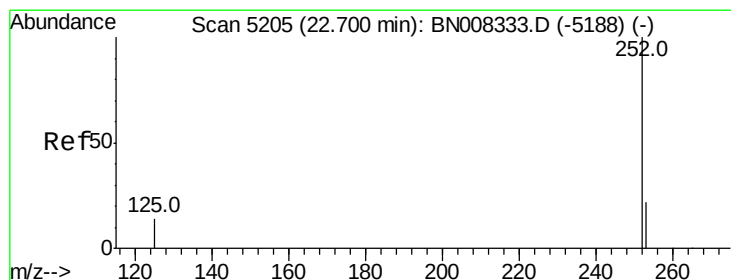
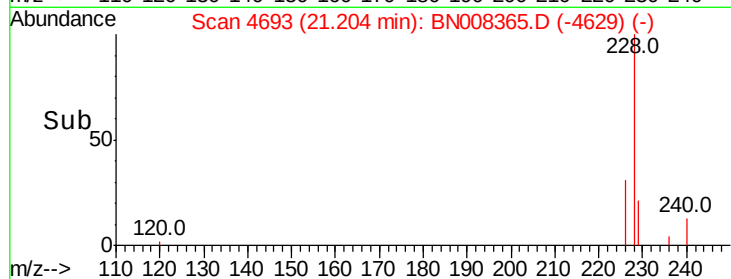
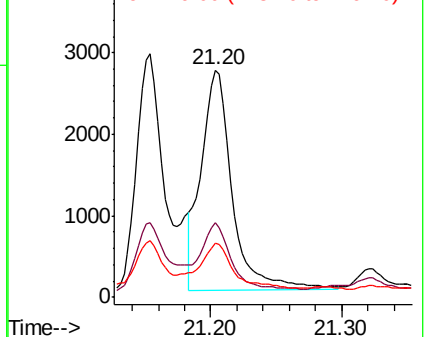
229 23.7 16.2 24.2



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: 0.223 ng/ul

RT: 22.70 min Scan# 5204

Delta R.T. -0.01 min

Lab File: BN008365.D

Acq: 24 Oct 2019 00:30

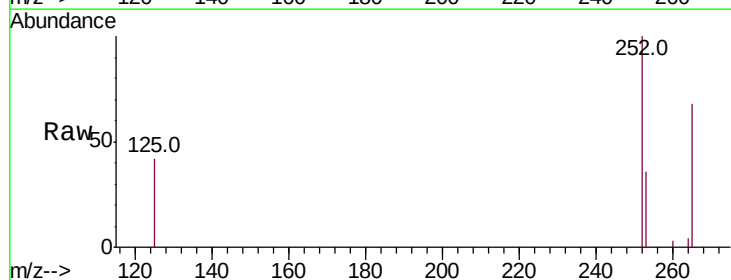
Tgt Ion:252 Resp: 7239

Ion Ratio Lower Upper

252 100

253 36.2 0.0 53.4

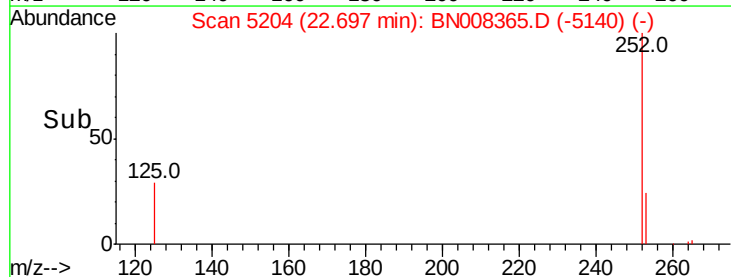
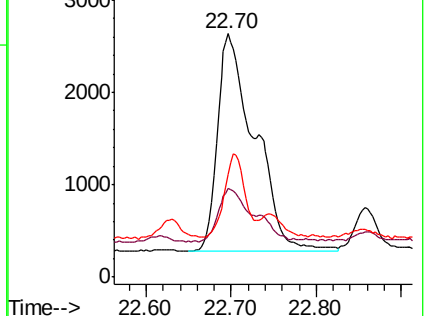
125 42.0 0.0 32.4#

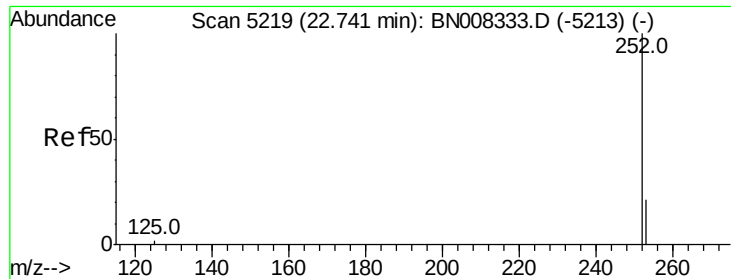


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.197 ng/ul

RT: 22.70 min Scan# 5204

Delta R.T. -0.06 min

Lab File: BN008365.D

Acq: 24 Oct 2019 00:30

Instrument :

BNA_N

ClientSampleId :

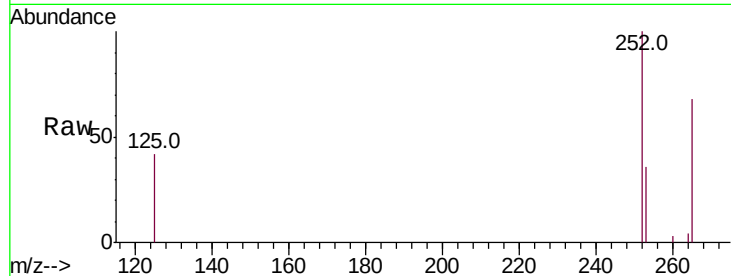
Tot Ion:252 Resp: 7239

Ion Ratio Lower Upper

252 100

253 36.2 21.3 31.9#

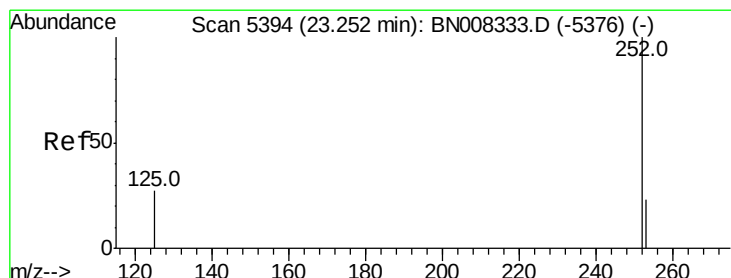
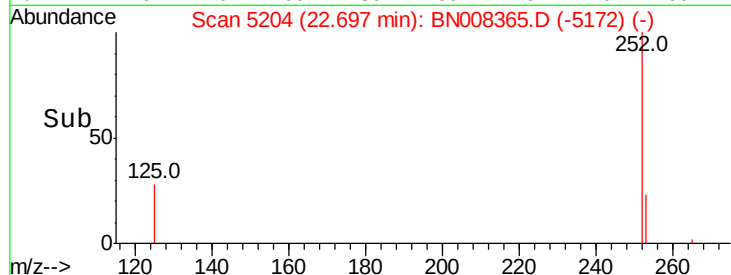
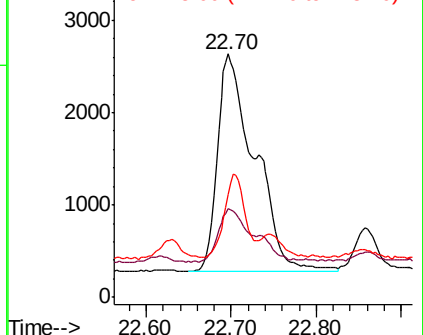
125 42.0 12.3 18.5#



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: 0.106 ng/ul

RT: 23.24 min Scan# 5391

Delta R.T. -0.02 min

Lab File: BN008365.D

Acq: 24 Oct 2019 00:30

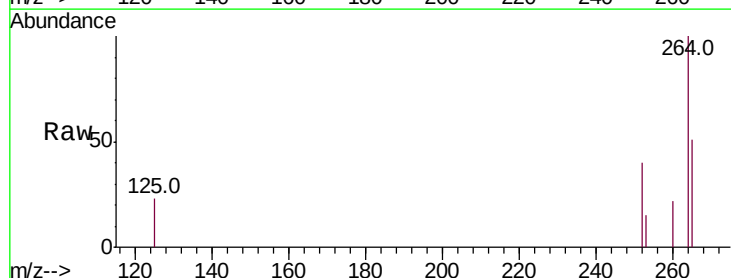
Tgt Ion:252 Resp: 3626

Ion Ratio Lower Upper

252 100

253 38.8 22.8 34.2#

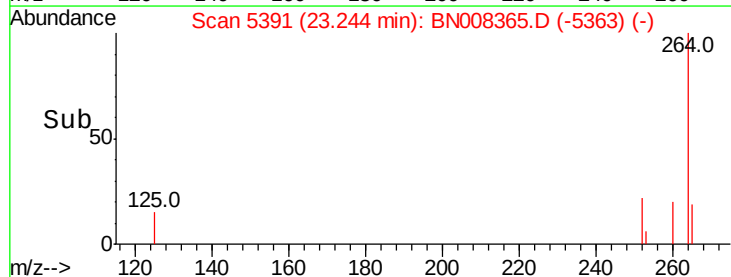
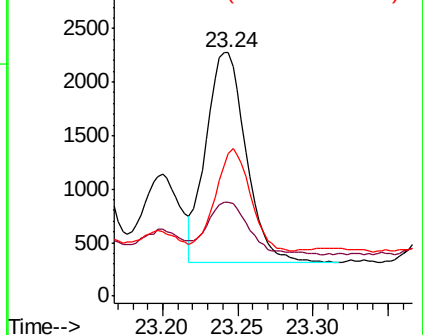
125 58.7 18.4 27.6#

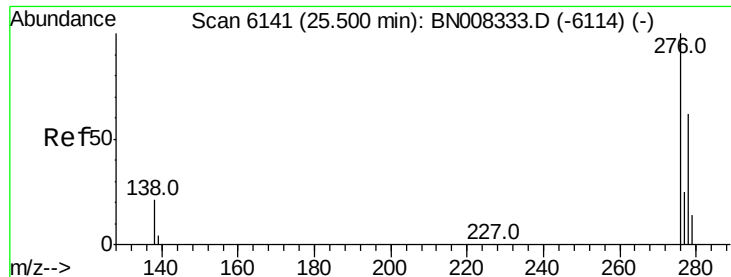


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



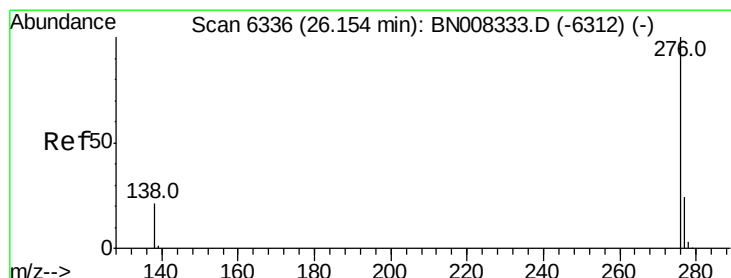
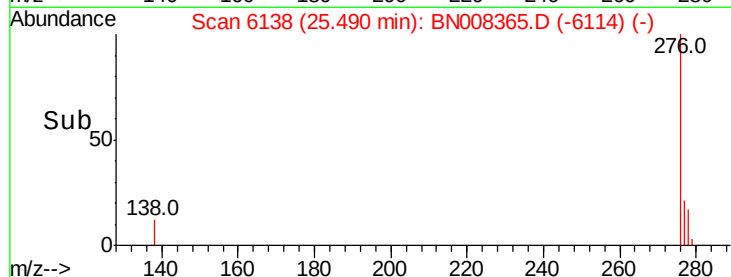
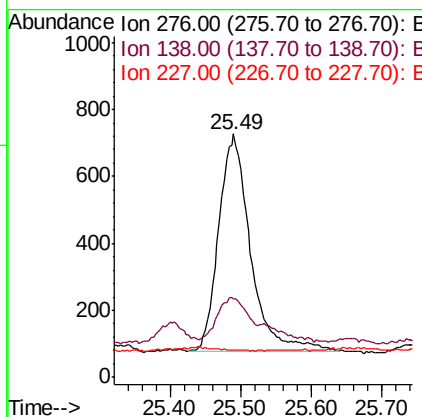
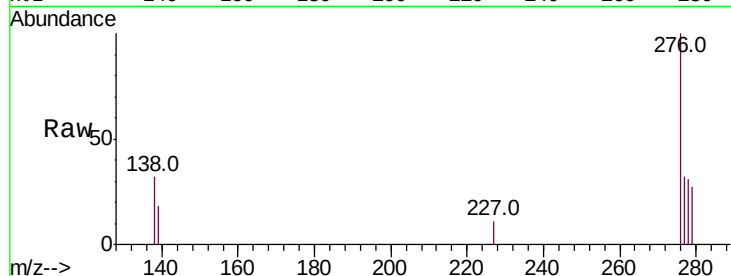


#24

Indeno(1,2,3-cd)pyrene
Concen: 0.051 ng/ul
RT: 25.49 min Scan# 6138
Delta R.T. -0.02 min
Lab File: BN008365.D
Acq: 24 Oct 2019 00:30

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.3	16.1	24.1#
227	0.0	0.2	0.2#



#26

Benzo(g,h,i)perylene
Concen: 0.055 ng/ul
RT: 26.14 min Scan# 6333
Delta R.T. -0.02 min
Lab File: BN008365.D
Acq: 24 Oct 2019 00:30

Tgt Ion	Ratio	Lower	Upper
276	100		
138	32.3	17.0	25.4#
277	32.8	20.4	30.6#

