

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061219\
 Data File : BN006296.D
 Acq On : 13 Jun 2019 00:14
 Operator : JU/SJ
 Sample : K3231-17
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 13 01:22:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 12 17:24:11 2019
 Response via : Initial Calibration

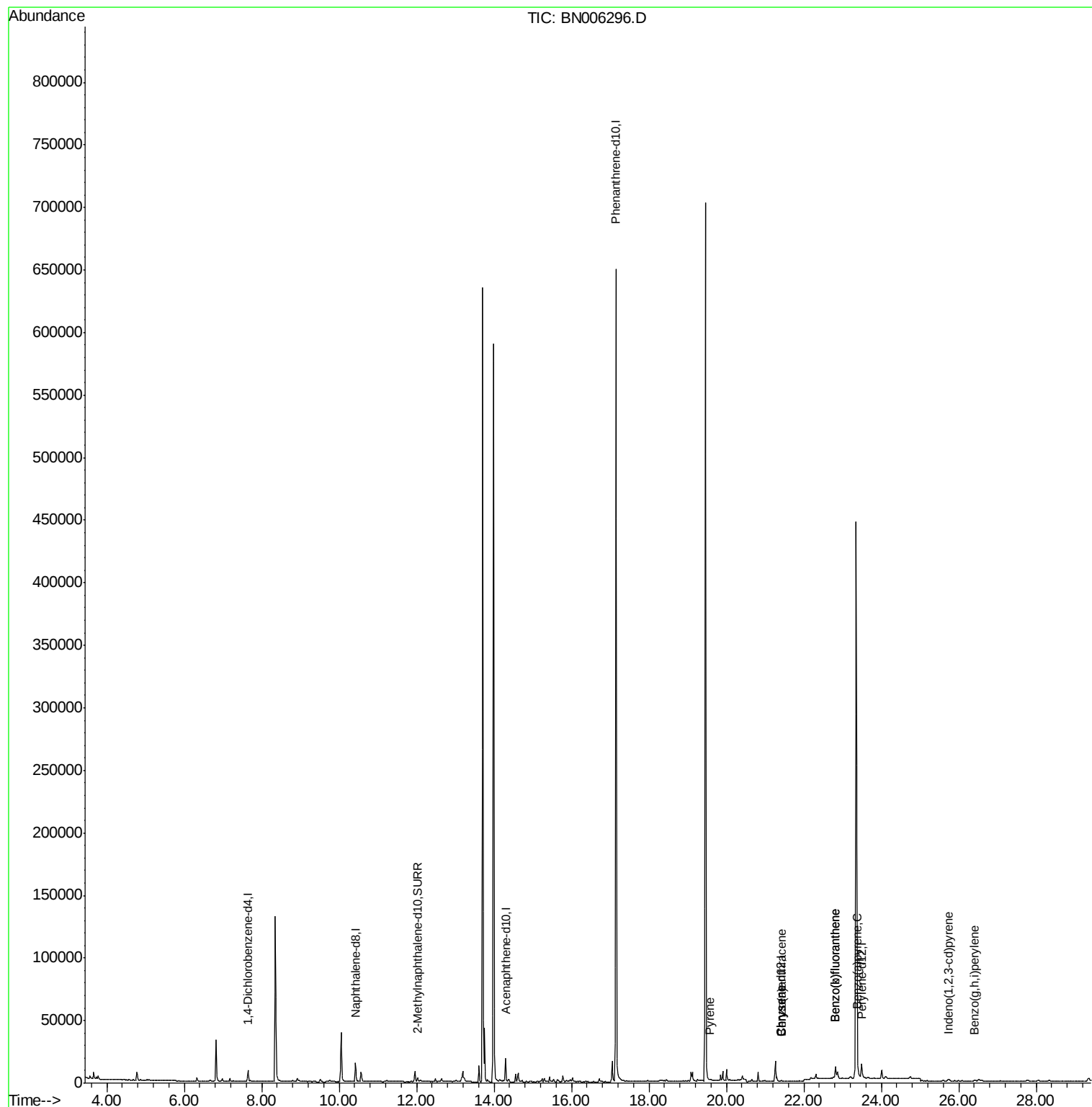
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	5207	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	20359	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	10140	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.15	188	702501	0.40	ng/ul	0.09
16) Chrysene-d12	21.40	240	126	0.40	ng/ul	0.11
20) Perylene-d12	23.49	264	17578	0.40	ng/ul	-0.05
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	4471	0.14	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds				Ovalue		
17) Pyrene	19.57	202	302	0.455	ng/ul#	1
18) Benzo(a)anthracene	21.41	228	415	0.745	ng/ul#	1
19) Chrysene	21.41	228	395	0.755	ng/ul#	1
21) Benzo(b)fluoranthene	22.83	252	9533	0.130	ng/ul#	14
22) Benzo(k)fluoranthene	22.83	252	9578	0.134	ng/ul#	12
23) Benzo(a)pyrene	23.39	252	3265	0.048	ng/ul#	36
24) Indeno(1,2,3-cd)pyrene	25.73	276	2639	0.036	ng/ul#	90
26) Benzo(g,h,i)perylene	26.41	276	2654	0.043	ng/ul#	63

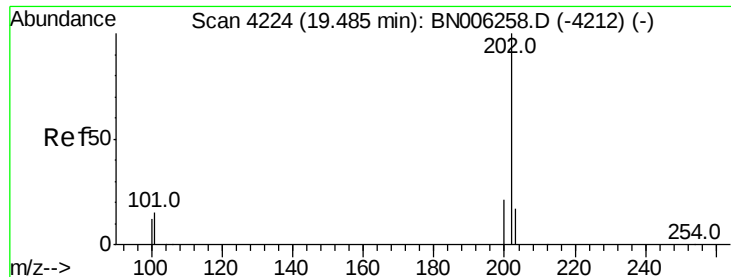
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#17

Pvrene

Concen: 0.455 ng/ul

RT: 19.57 min Scan# 4242

Delta R.T. 0.08 min

Lab File: BN006296.D

Acq: 13 Jun 2019 00:14

Instrument :

BNA_N

ClientSampleId :

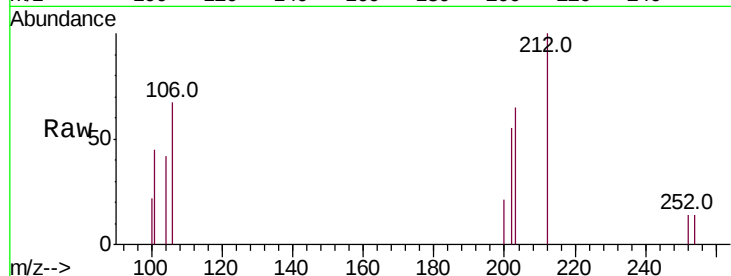
Tot Ion:202 Resp: 302

Ion Ratio Lower Upper

202 100

101 81.2 12.2 18.2#

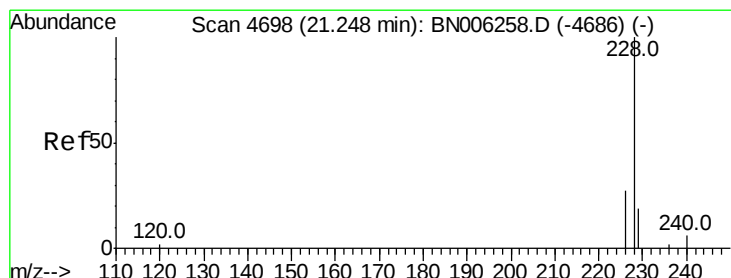
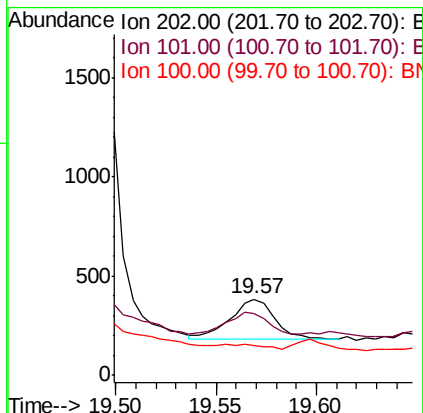
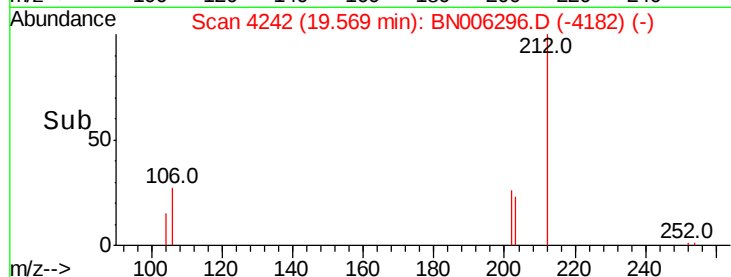
100 39.5 9.8 14.6#



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: 0.745 ng/ul

RT: 21.41 min Scan# 4755

Delta R.T. 0.14 min

Lab File: BN006296.D

Acq: 13 Jun 2019 00:14

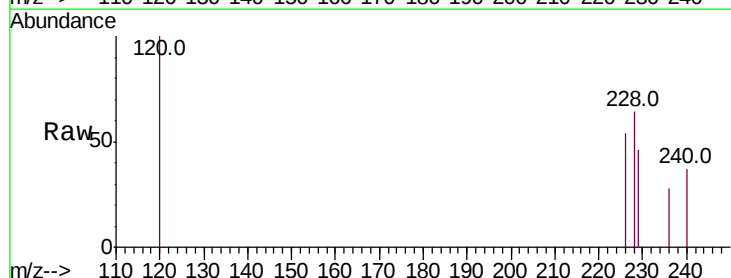
Tgt Ion:228 Resp: 415

Ion Ratio Lower Upper

228 100

229 71.8 16.5 24.7#

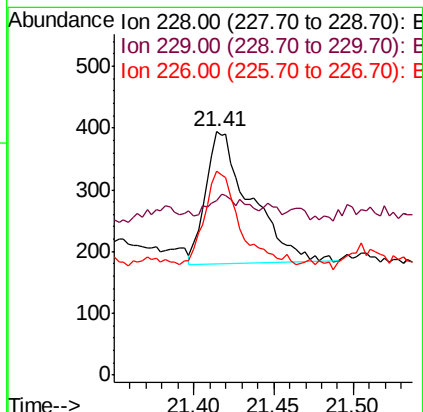
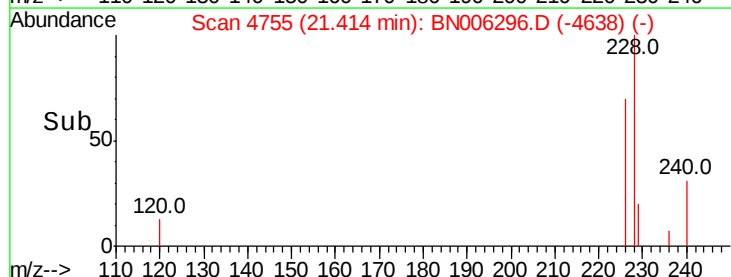
226 84.0 22.8 34.2#

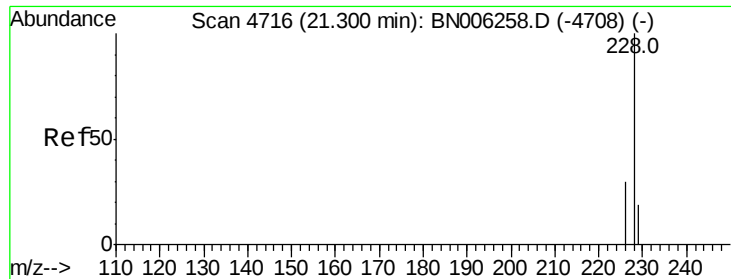


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.755 ng/ul

RT: 21.41 min Scan# 4755

Delta R.T. 0.09 min

Lab File: BN006296.D

Acq: 13 Jun 2019 00:14

Instrument :

BNA_N

ClientSampleId :

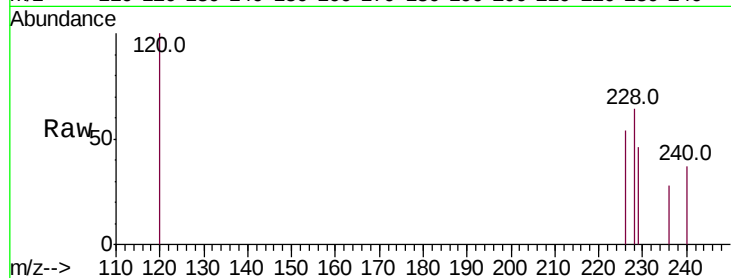
Tot Ion:228 Resp: 395

Ion Ratio Lower Upper

228 100

226 84.0 25.0 37.6#

229 71.8 16.3 24.5#



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

21.41

400

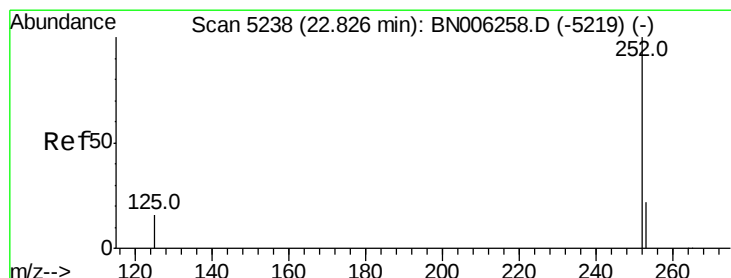
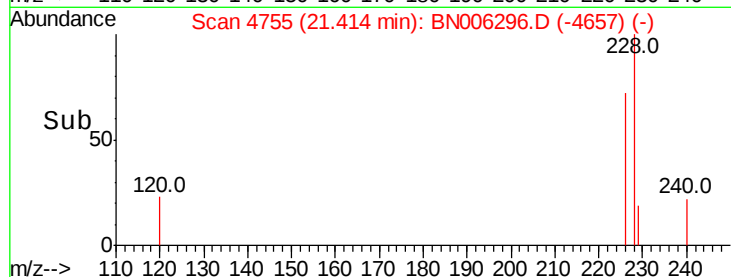
300

200

100

0

Time--> 21.40 21.45 21.50



#21

Benzo(b)fluoranthene

Concen: 0.130 ng/ul

RT: 22.83 min Scan# 5238

Delta R.T. -0.05 min

Lab File: BN006296.D

Acq: 13 Jun 2019 00:14

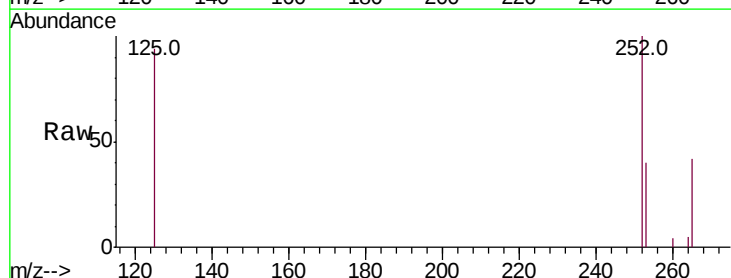
Tgt Ion:252 Resp: 9533

Ion Ratio Lower Upper

252 100

253 39.7 0.0 51.4

125 94.0 0.0 41.0#



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

22.83

10000

8000

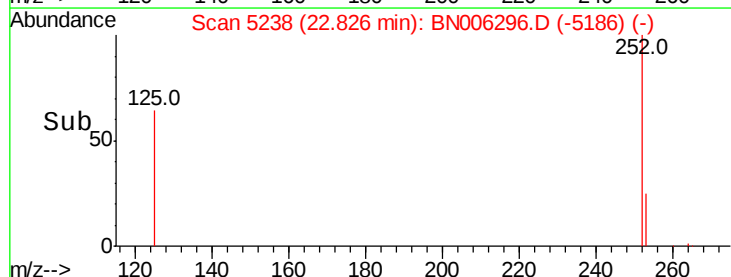
6000

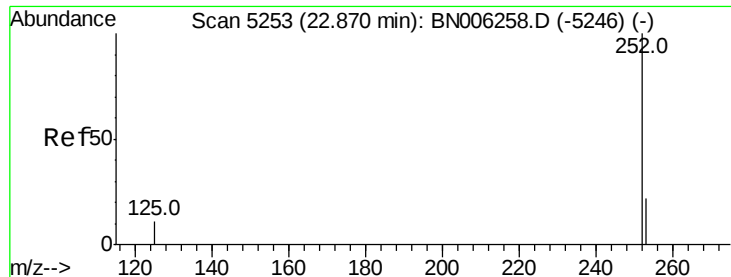
4000

2000

0

Time--> 22.70 22.80 22.90 23.00





#22

Benzo(k)fluoranthene

Concen: 0.134 ng/ul

RT: 22.83 min Scan# 5238

Delta R.T. -0.09 min

Lab File: BN006296.D

Acq: 13 Jun 2019 00:14

Instrument :

BNA_N

ClientSampleId :

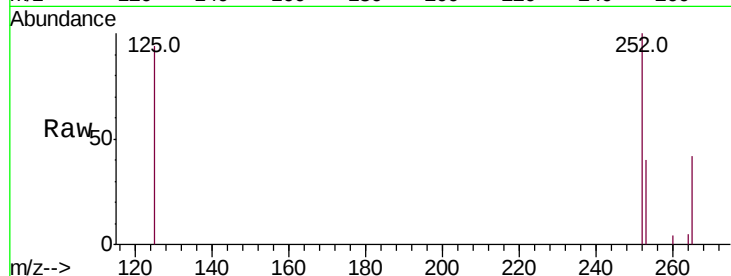
Tot Ion:252 Resp: 9578

Ion Ratio Lower Upper

252 100

253 39.7 20.3 30.5#

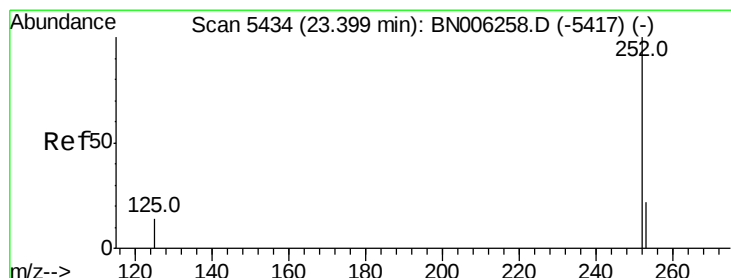
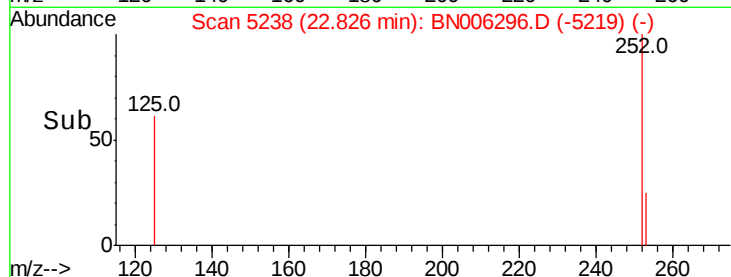
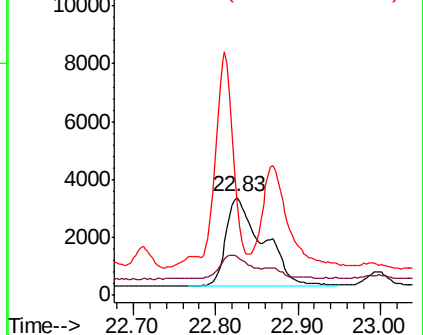
125 94.0 14.3 21.5#



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: 0.048 ng/ul

RT: 23.39 min Scan# 5432

Delta R.T. -0.06 min

Lab File: BN006296.D

Acq: 13 Jun 2019 00:14

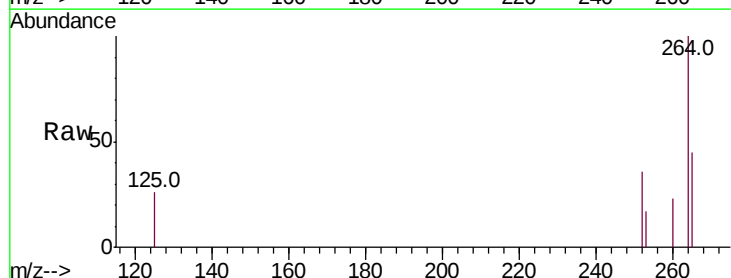
Tgt Ion:252 Resp: 3265

Ion Ratio Lower Upper

252 100

253 46.8 21.1 31.7#

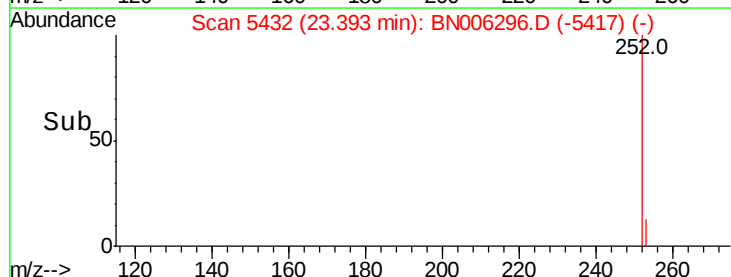
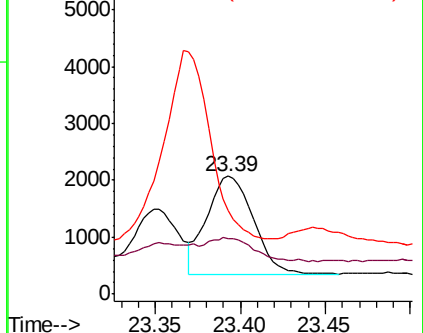
125 70.9 20.3 30.5#

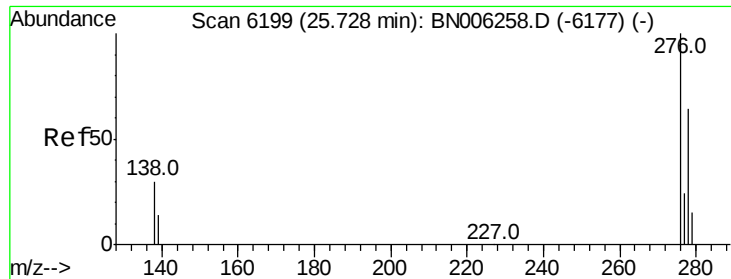


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



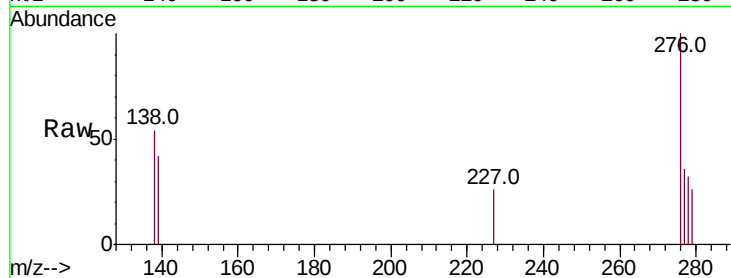


#24

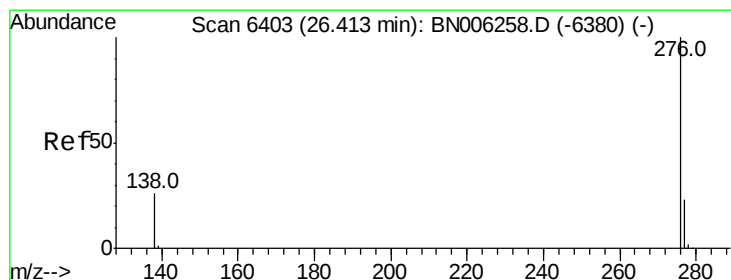
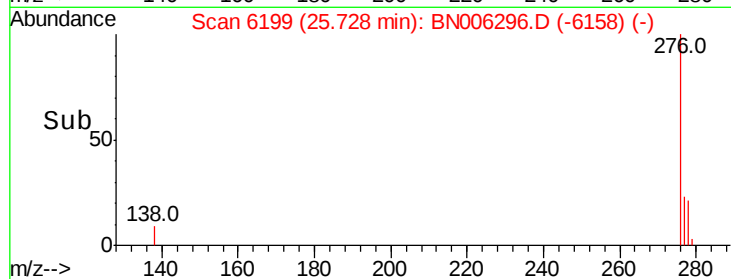
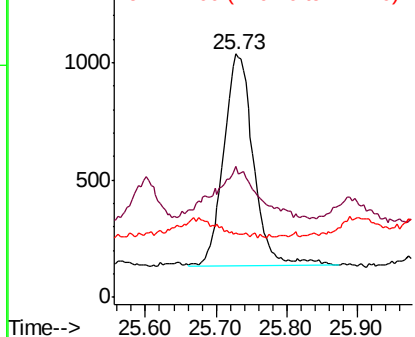
Indeno(1,2,3-cd)pyrene
Concen: 0.036 ng/ul
RT: 25.73 min Scan# 6199
Delta R.T. -0.06 min
Lab File: BN006296.D
Acq: 13 Jun 2019 00:14

Instrument :
BNA_N
ClientSampleId :

Tot Ion:276 Resp: 2639
Ion Ratio Lower Upper
276 100
138 26.3 25.6 38.4
227 0.0 0.3 0.5#



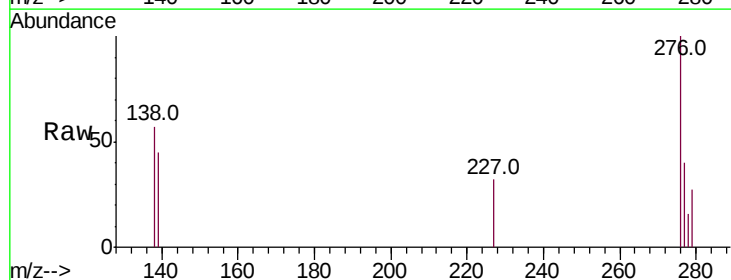
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



#26

Benzo(g,h,i)perylene
Concen: 0.043 ng/ul
RT: 26.41 min Scan# 6403
Delta R.T. -0.06 min
Lab File: BN006296.D
Acq: 13 Jun 2019 00:14

Tgt Ion:276 Resp: 2654
Ion Ratio Lower Upper
276 100
138 57.0 24.2 36.4#
277 39.6 21.5 32.3#



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

