

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\
 Data File : BN008336.D
 Acq On : 23 Oct 2019 04:32
 Operator : JU
 Sample : K5223-12
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 23 05:28:58 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 : Mon Oct 21 23:58:15 2019
 Response via : Initial Calibration

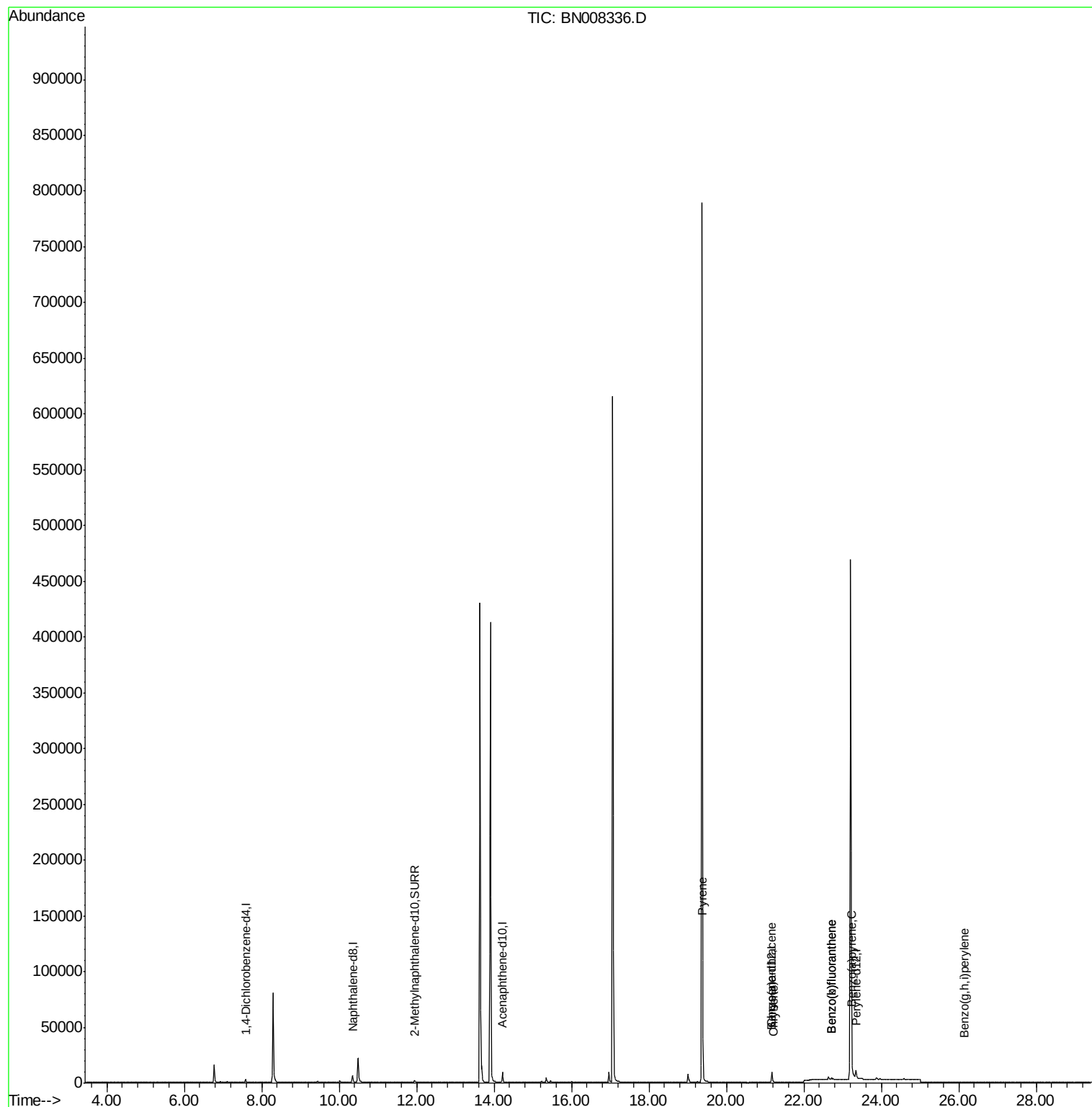
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	1676	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.35	136	8129	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.22	164	5065	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-16.97
16) Chrysene-d12	21.17	240	9871	0.40	ng/ul	0.00
20) Perylene-d12	23.34	264	8895	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	3135	0.23	ng/ul	-0.01
14) Fluoranthene-d10	19.00	212	8727	0.00	ng/ul	0.00
Target Compounds						
					Ovalue	
17) Pyrene	19.39	202	1894	0.048	ng/ul#	75
18) Benzo(a)anthracene	21.16	228	1022	0.028	ng/ul#	82
19) Chrysene	21.21	228	1089	0.025	ng/ul#	84
21) Benzo(b)fluoranthene	22.70	252	2055	0.071	ng/ul#	1
22) Benzo(k)fluoranthene	22.70	252	2055	0.063	ng/ul#	1
23) Benzo(a)pyrene	23.25	252	927	0.030	ng/ul#	1
26) Benzo(a,h,i)perylene	26.15	276	689	0.021	ng/ul#	47

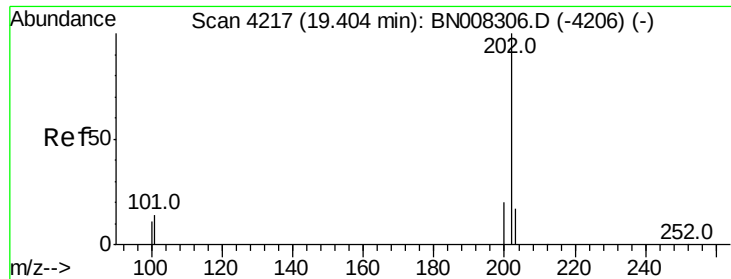
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#17

Pvrene

Concen: 0.048 ng/ul

RT: 19.39 min Scan# 4215

Delta R.T. -0.01 min

Lab File: BN008336.D

Acq: 23 Oct 2019 04:32

Instrument :

BNA_N

ClientSampleId :

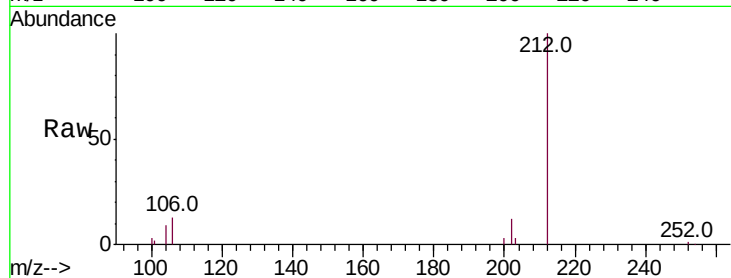
Tot Ion:202 Resp: 1894

Ion Ratio Lower Upper

202 100

101 20.3 10.9 16.3#

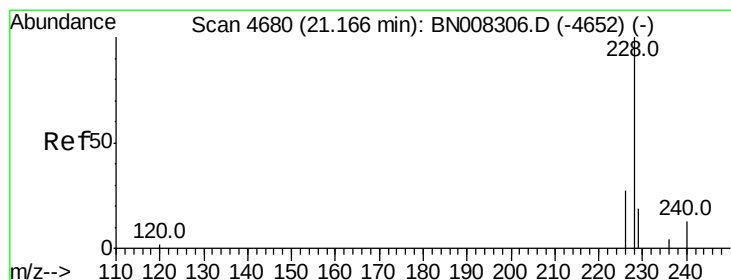
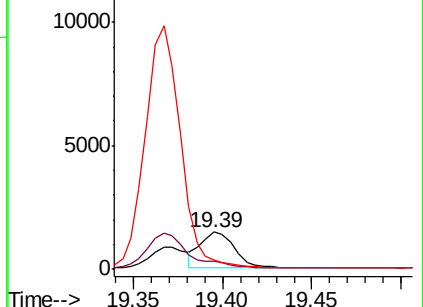
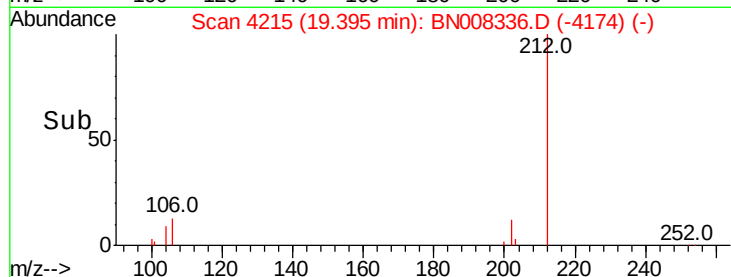
100 24.7 8.7 13.1#



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: 0.028 ng/ul

RT: 21.16 min Scan# 4677

Delta R.T. -0.01 min

Lab File: BN008336.D

Acq: 23 Oct 2019 04:32

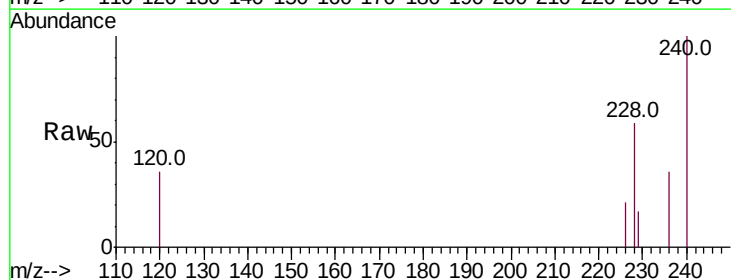
Tgt Ion:228 Resp: 1022

Ion Ratio Lower Upper

228 100

229 29.3 16.2 24.2#

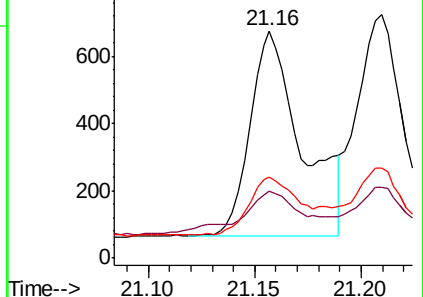
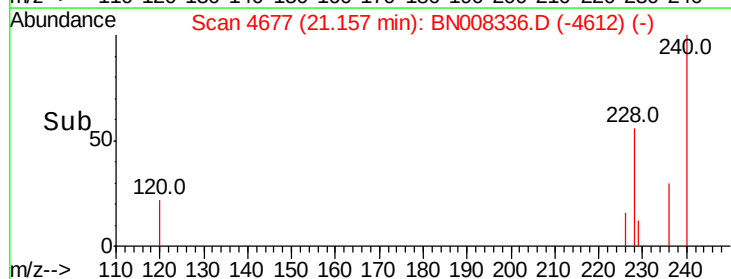
226 35.5 21.4 32.0#

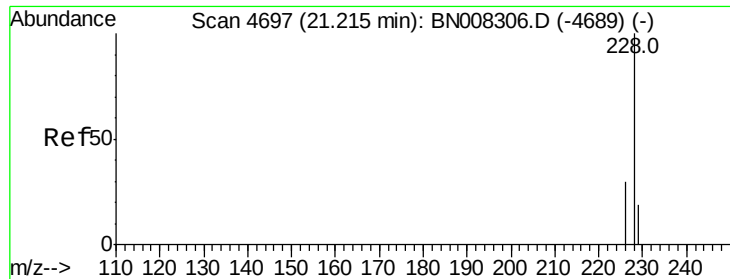


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.025 ng/ul

RT: 21.21 min Scan# 4695

Delta R.T. -0.01 min

Lab File: BN008336.D

Acq: 23 Oct 2019 04:32

Instrument :

BNA_N

ClientSampleId :

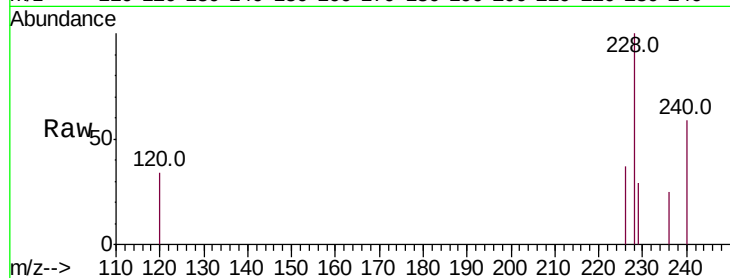
Tot Ion:228 Resp: 1089

Ion Ratio Lower Upper

228 100

226 37.2 24.1 36.1#

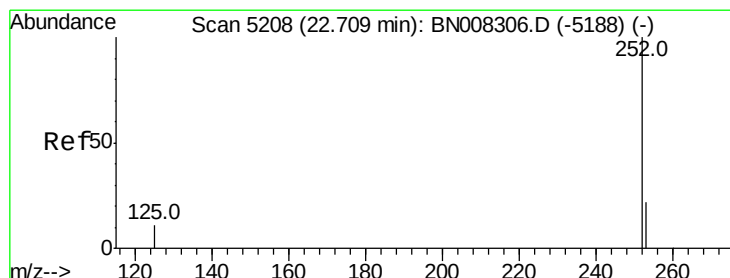
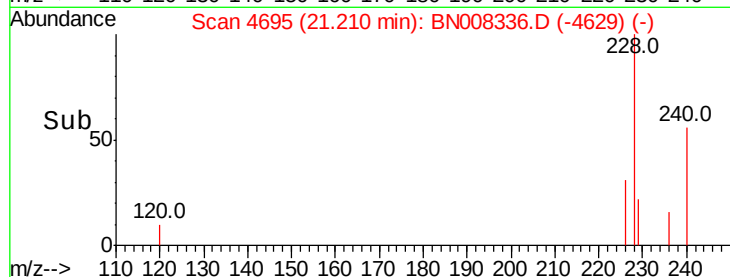
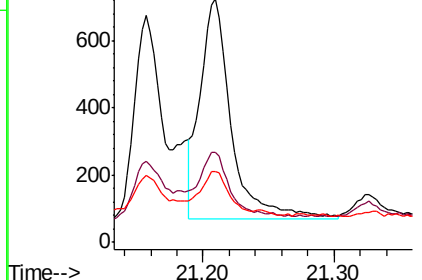
229 29.3 16.2 24.2#



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: 0.071 ng/ul

RT: 22.70 min Scan# 5206

Delta R.T. -0.01 min

Lab File: BN008336.D

Acq: 23 Oct 2019 04:32

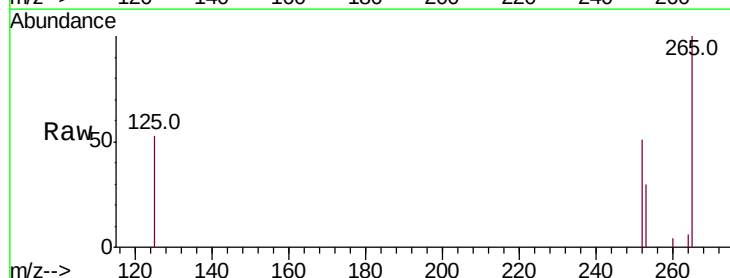
Tgt Ion:252 Resp: 2055

Ion Ratio Lower Upper

252 100

253 59.3 0.0 53.4#

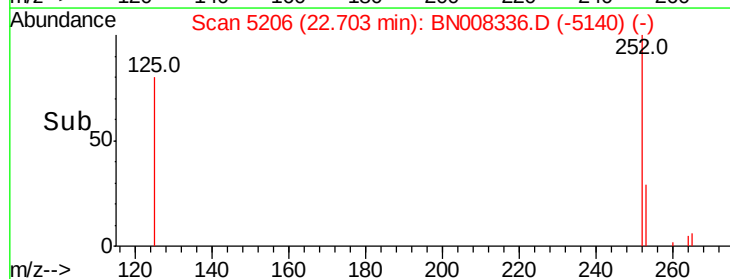
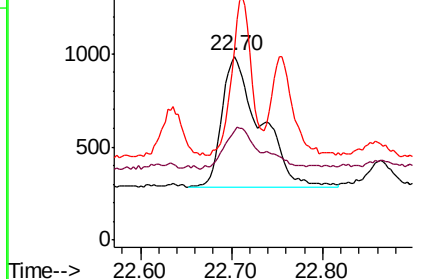
125 103.8 0.0 32.4#

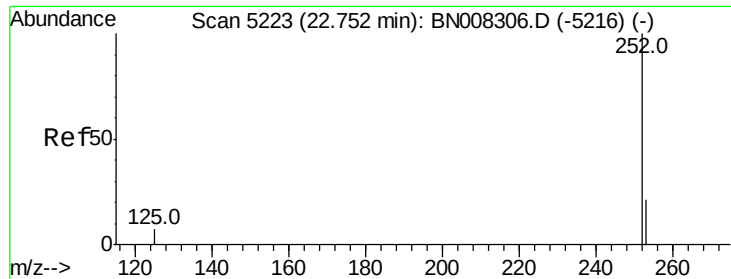


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.063 ng/ul

RT: 22.70 min Scan# 5206

Delta R.T. -0.05 min

Lab File: BN008336.D

Acq: 23 Oct 2019 04:32

Instrument :

BNA_N

ClientSampleId :

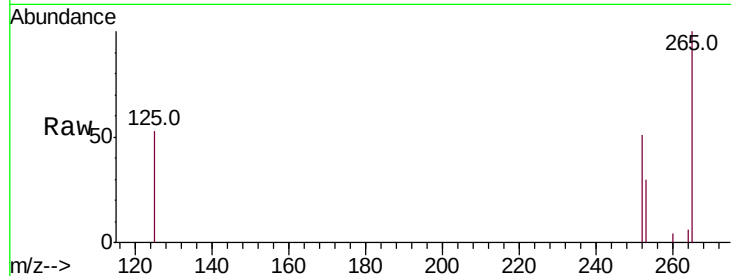
Tot Ion:252 Resp: 2055

Ion Ratio Lower Upper

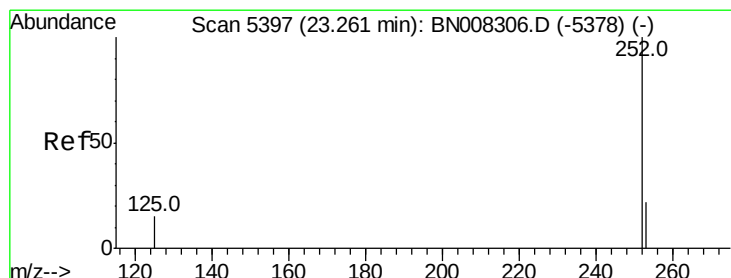
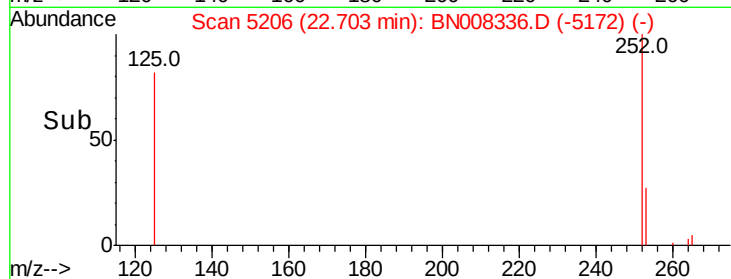
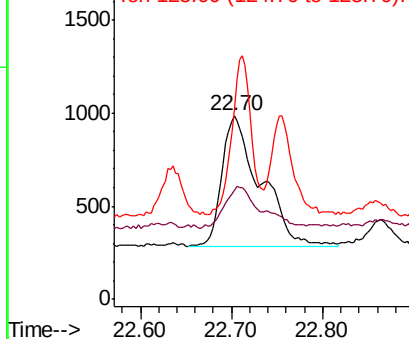
252 100

253 59.3 21.3 31.9#

125 103.8 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: 0.030 ng/ul

RT: 23.25 min Scan# 5392

Delta R.T. -0.01 min

Lab File: BN008336.D

Acq: 23 Oct 2019 04:32

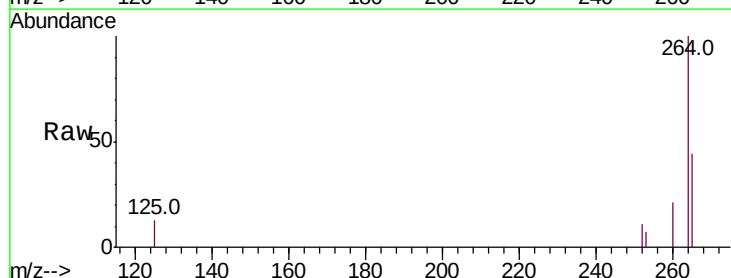
Tgt Ion:252 Resp: 927

Ion Ratio Lower Upper

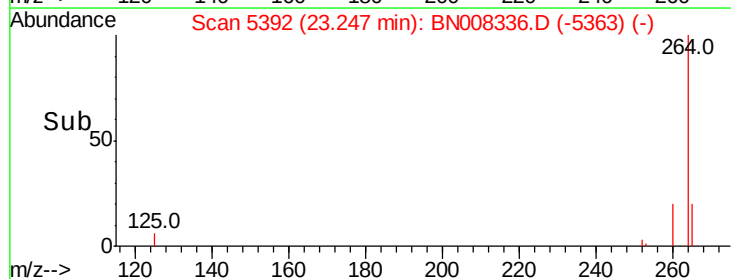
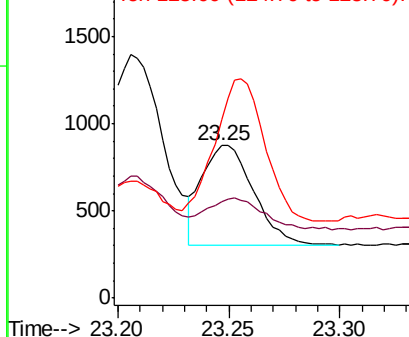
252 100

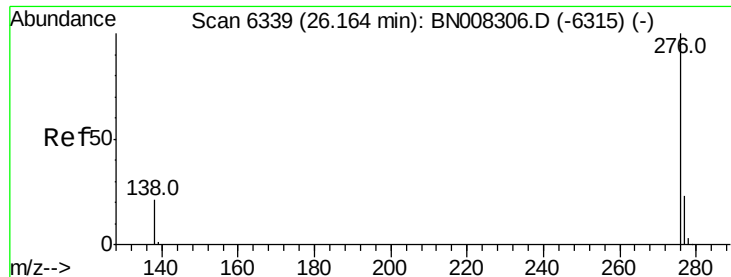
253 63.5 22.8 34.2#

125 116.7 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





#26

Benzo(a,h,i)perylene

Concen: 0.021 ng/ul

RT: 26.15 min Scan# 6335

Delta R.T. -0.02 min

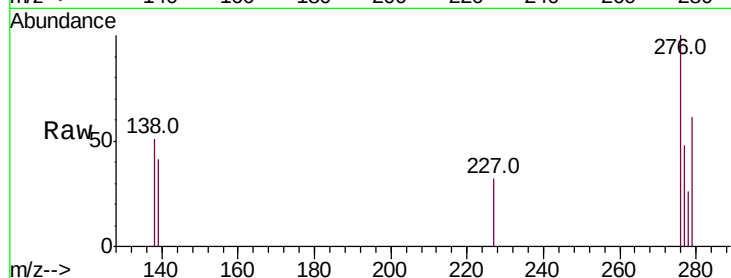
Lab File: BN008336.D

Acq: 23 Oct 2019 04:32

Instrument :

BNA_N

ClientSampleId :



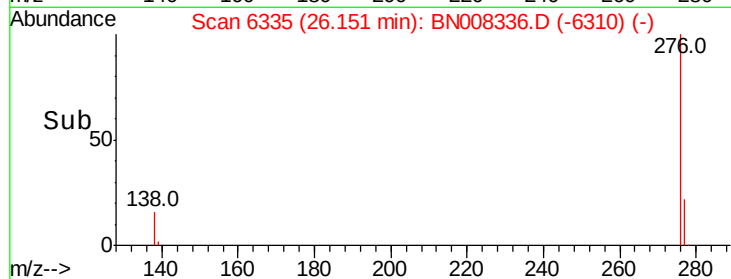
Tot Ion:276 Resp: 689

Ion Ratio Lower Upper

276 100

138 50.9 17.0 25.4#

277 48.0 20.4 30.6#



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

