

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\
 Data File : BN008373.D
 Acq On : 24 Oct 2019 05:16
 Operator : JU
 Sample : K5235-12
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 24 05:56:09 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

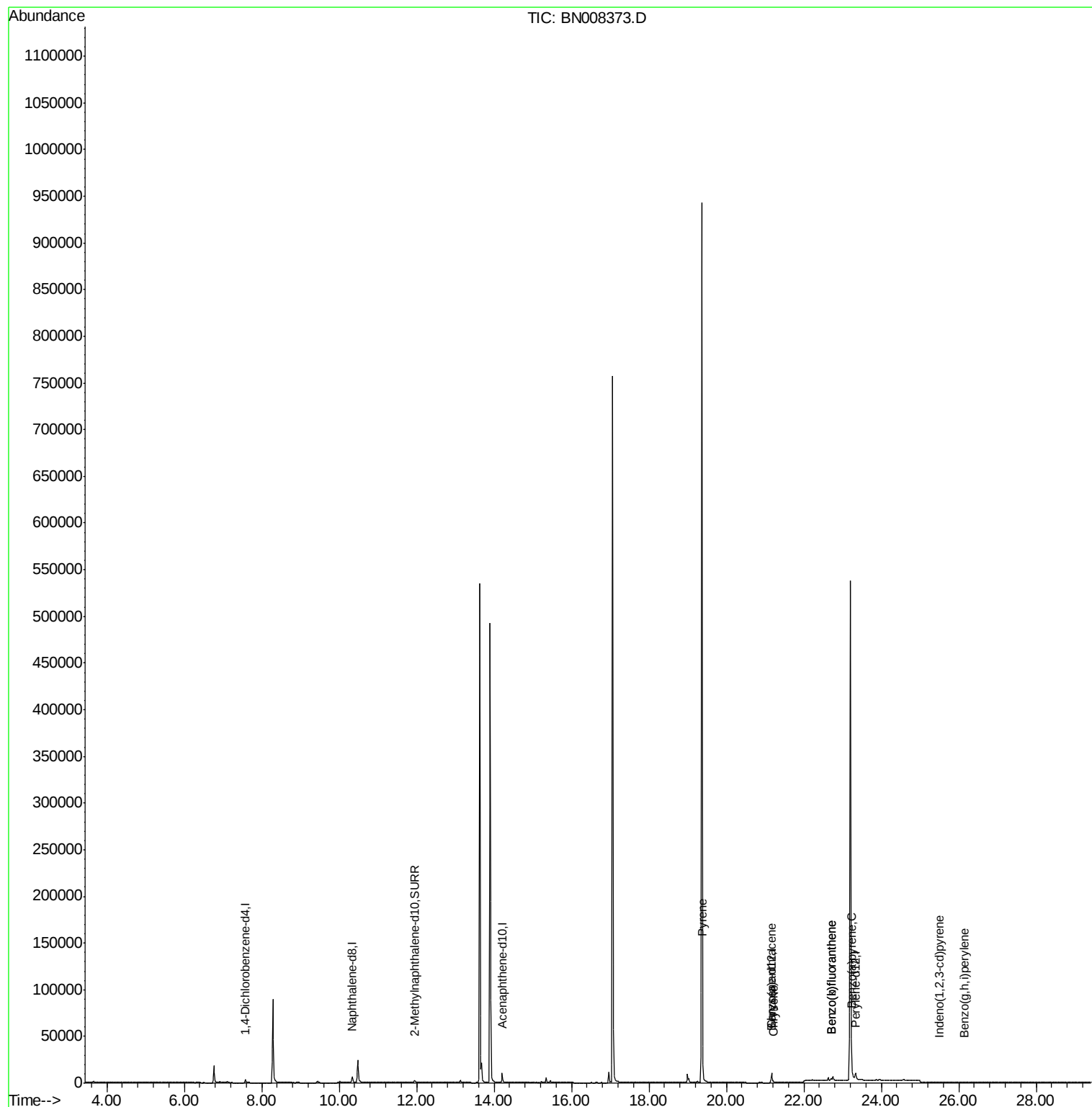
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	1893	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.34	136	9279	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.21	164	5728	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-16.97
16) Chrysene-d12	21.17	240	10355	0.40	ng/ul	-0.01
20) Perylene-d12	23.33	264	9226	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.94	152	3756	0.24	ng/ul	-0.02
14) Fluoranthene-d10	19.00	212	10864	0.00	ng/ul	-0.02
Target Compounds						
					Ovalue	
17) Pyrene	19.39	202	3396	0.082	ng/ul#	85
18) Benzo(a)anthracene	21.15	228	1685	0.045	ng/ul#	89
19) Chrysene	21.20	228	1792	0.039	ng/ul#	91
21) Benzo(b)fluoranthene	22.69	252	3081	0.103	ng/ul#	19
22) Benzo(k)fluoranthene	22.69	252	3092	0.091	ng/ul#	18
23) Benzo(a)pyrene	23.24	252	1323	0.042	ng/ul#	6
24) Indeno(1,2,3-cd)pyrene	25.49	276	831	0.022	ng/ul#	70
26) Benzo(g,h,i)perylene	26.14	276	801	0.023	ng/ul#	57

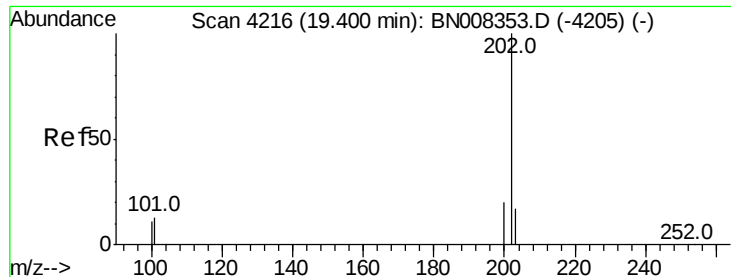
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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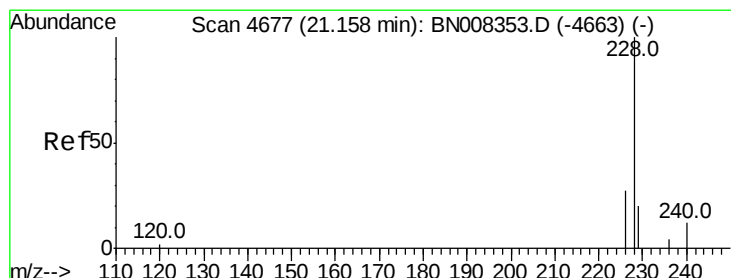
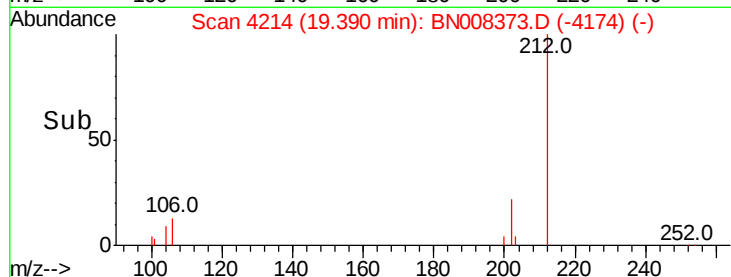
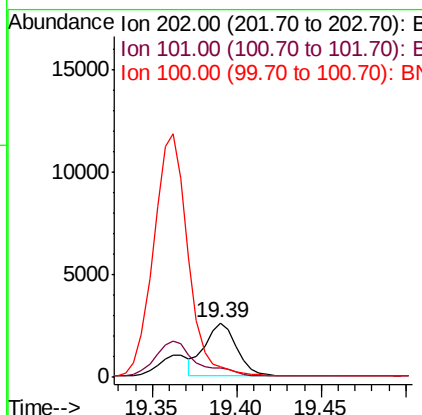
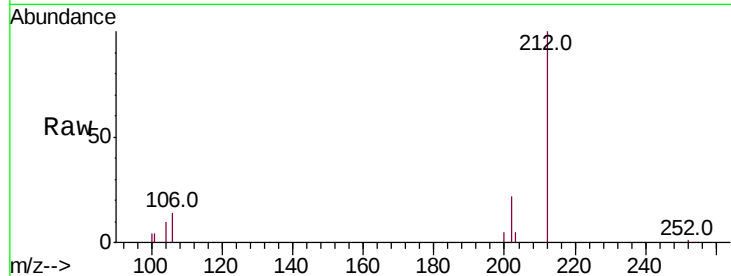




#17
Pvrene
Concen: 0.082 ng/ul
RT: 19.39 min Scan# 4214
Delta R.T. -0.01 min
Lab File: BN008373.D
Acq: 24 Oct 2019 05:16

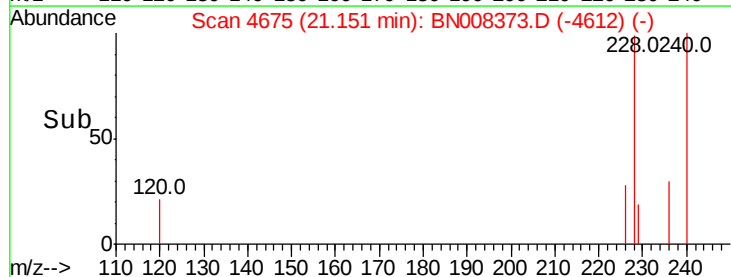
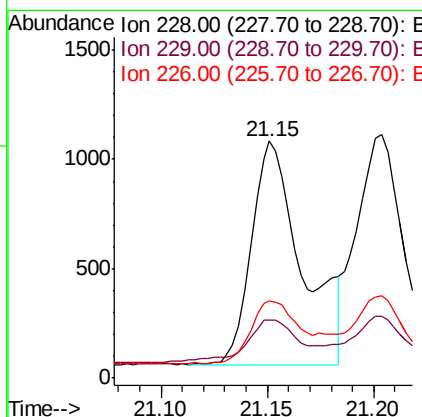
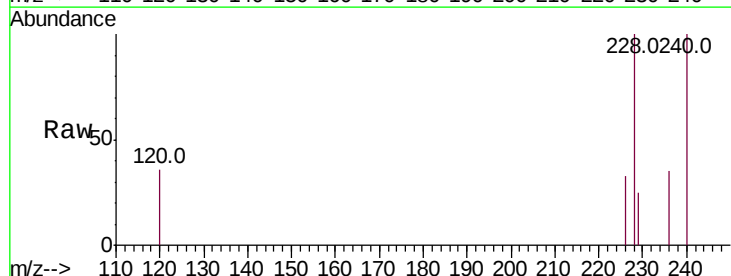
Instrument :
BNA_N
ClientSampleId :

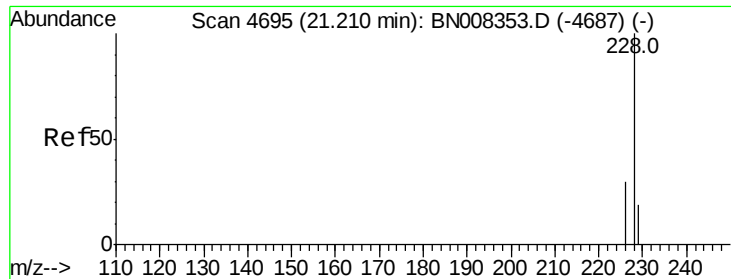
Tot Ion:202 Resp: 3396
Ion Ratio Lower Upper
202 100
101 17.2 10.9 16.3#
100 19.7 8.7 13.1#



#18
Benzo(a)anthracene
Concen: 0.045 ng/ul
RT: 21.15 min Scan# 4675
Delta R.T. -0.01 min
Lab File: BN008373.D
Acq: 24 Oct 2019 05:16

Tgt Ion:228 Resp: 1685
Ion Ratio Lower Upper
228 100
229 24.7 16.2 24.2#
226 32.8 21.4 32.0#





#19

Chrysene

Concen: 0.039 ng/ul

RT: 21.20 min Scan# 4693

Delta R.T. -0.01 min

Lab File: BN008373.D

Acq: 24 Oct 2019 05:16

Instrument :

BNA_N

ClientSampleId :

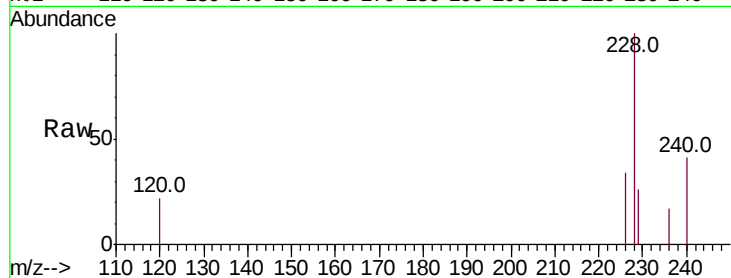
Tot Ion:228 Resp: 1792

Ion Ratio Lower Upper

228 100

226 33.9 24.1 36.1

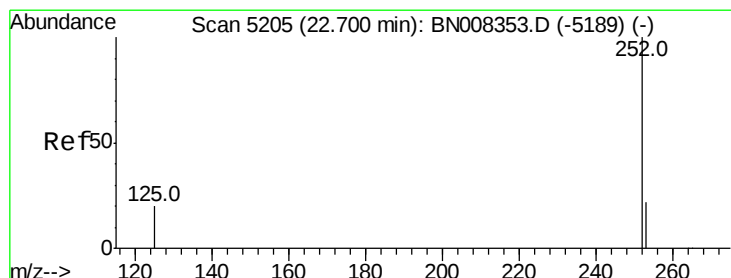
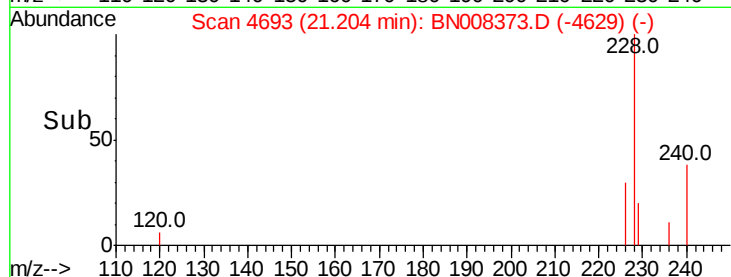
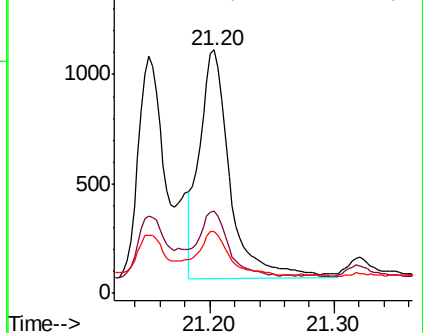
229 25.5 16.2 24.2#



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: 0.103 ng/ul

RT: 22.69 min Scan# 5203

Delta R.T. -0.01 min

Lab File: BN008373.D

Acq: 24 Oct 2019 05:16

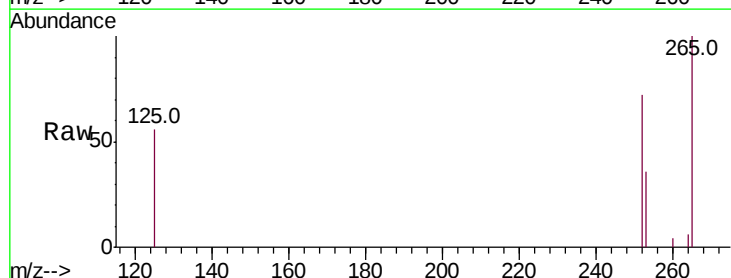
Tgt Ion:252 Resp: 3081

Ion Ratio Lower Upper

252 100

253 49.5 0.0 53.4

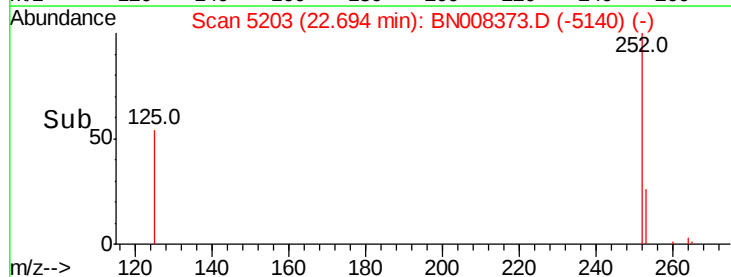
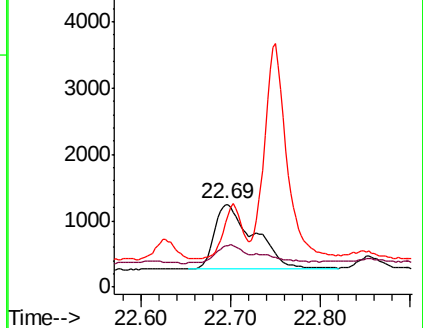
125 77.0 0.0 32.4#

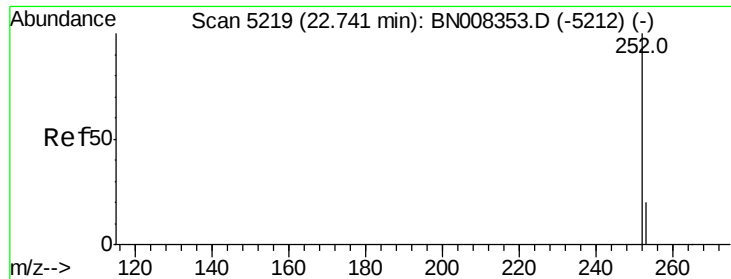


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.091 ng/u1

RT: 22.69 min Scan# 5203

Delta R.T. -0.06 min

Lab File: BN008373.D

Acq: 24 Oct 2019 05:16

Instrument :

BNA_N

ClientSampleId :

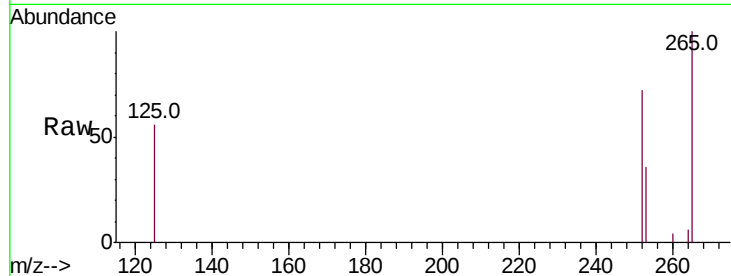
Tot Ion:252 Resp: 3092

Ion Ratio Lower Upper

252 100

253 49.5 21.3 31.9#

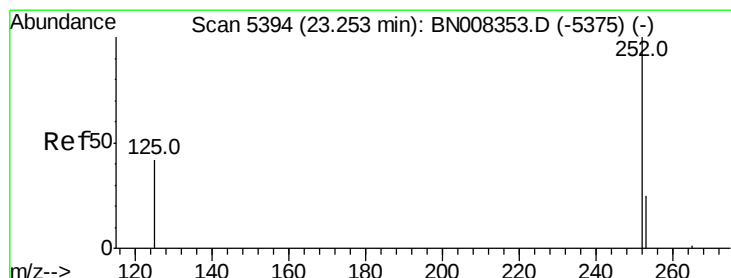
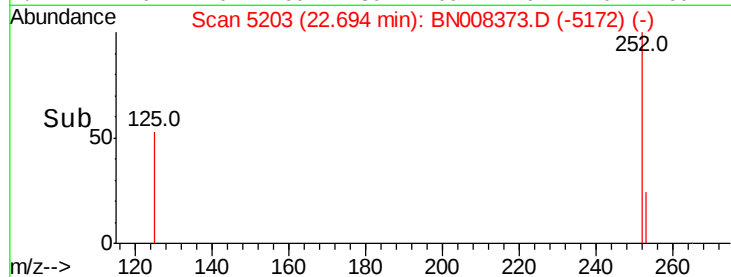
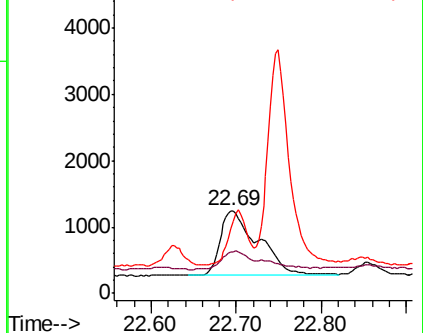
125 77.0 12.3 18.5#



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: 0.042 ng/u1

RT: 23.24 min Scan# 5389

Delta R.T. -0.02 min

Lab File: BN008373.D

Acq: 24 Oct 2019 05:16

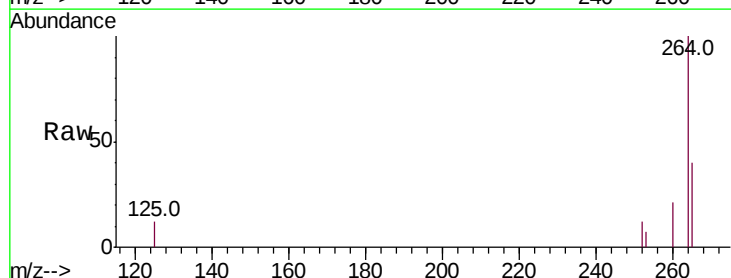
Tgt Ion:252 Resp: 1323

Ion Ratio Lower Upper

252 100

253 53.7 22.8 34.2#

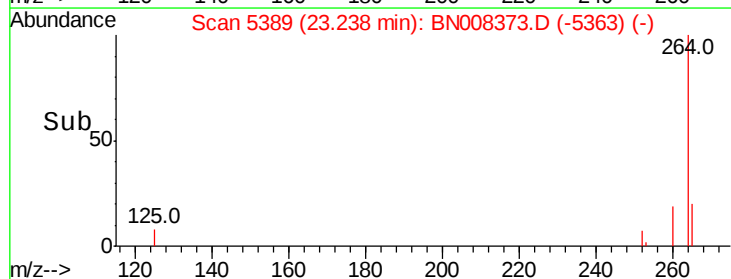
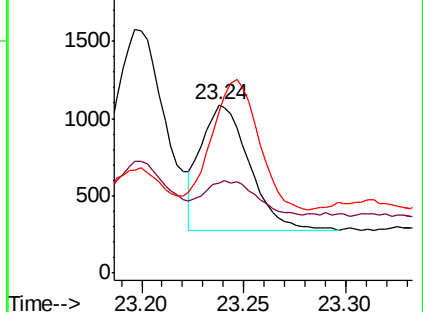
125 96.1 18.4 27.6#

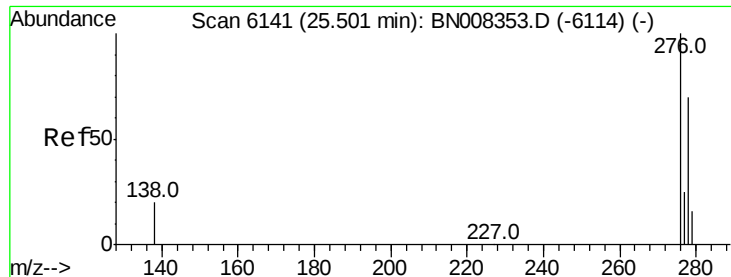


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



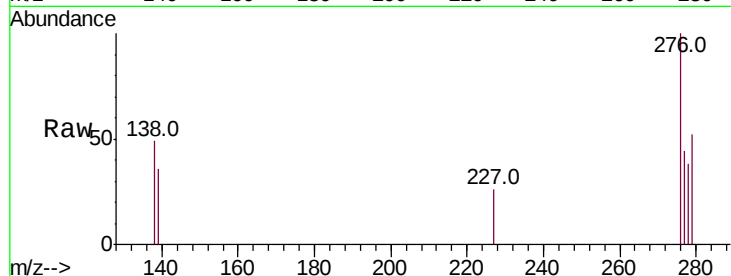


#24

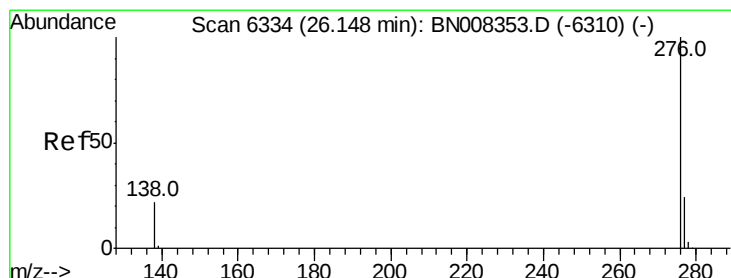
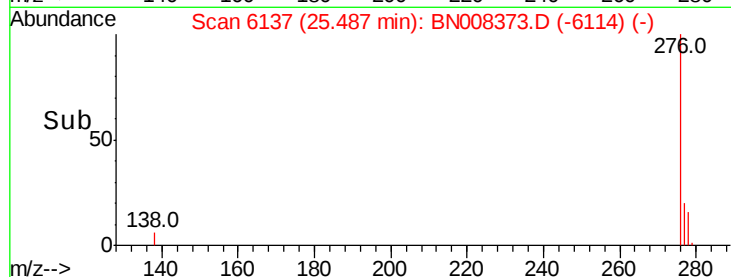
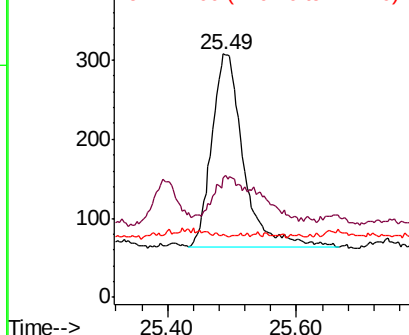
Indeno(1,2,3-cd)pyrene
Concen: 0.022 ng/u1
RT: 25.49 min Scan# 6137
Delta R.T. -0.02 min
Lab File: BN008373.D
Acq: 24 Oct 2019 05:16

Instrument :
BNA_N
ClientSampleId :

Tot Ion:276 Resp: 831
Ion Ratio Lower Upper
276 100
138 33.9 16.1 24.1#
227 0.6 0.2 0.2#



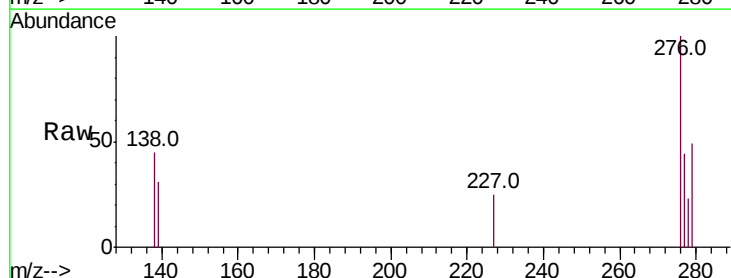
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



#26

Benzo(g,h,i)perylene
Concen: 0.023 ng/u1
RT: 26.14 min Scan# 6333
Delta R.T. -0.02 min
Lab File: BN008373.D
Acq: 24 Oct 2019 05:16

Tgt Ion:276 Resp: 801
Ion Ratio Lower Upper
276 100
138 45.3 17.0 25.4#
277 43.7 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

