

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122819\
 Data File : BN009219.D
 Acq On : 28 Dec 2019 09:44
 Operator : JU
 Sample : PB125532BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 29 06:19:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN121619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Dec 29 06:16:40 2019
 Response via : Initial Calibration

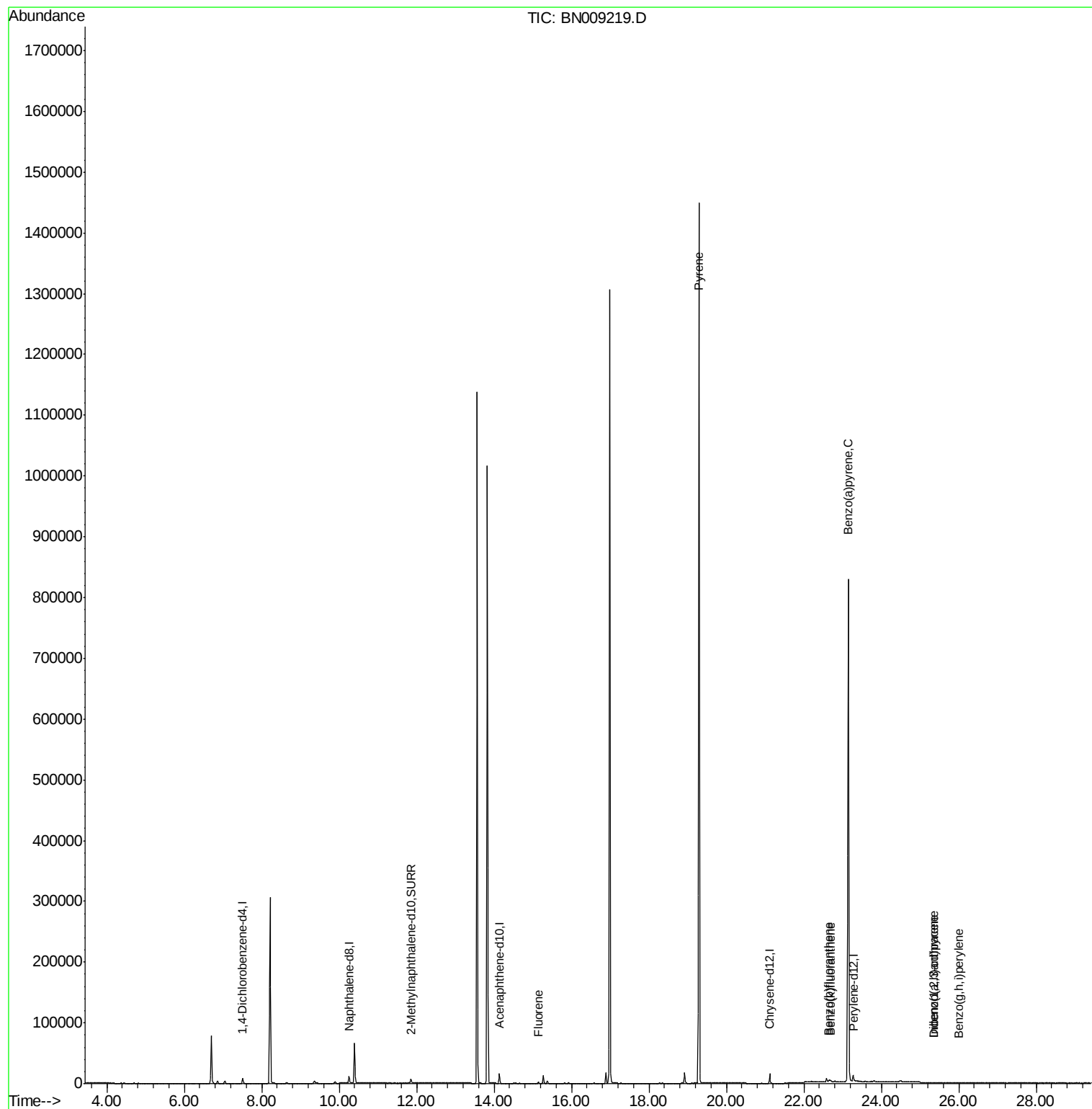
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	3944	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.26	136	14977	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.13	164	8928	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-16.89
16) Chrysene-d12	21.12	240	13303	0.40	ng/ul	0.03
20) Perylene-d12	23.27	264	10722	0.40	ng/ul	0.06
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.85	152	8789	0.33	ng/ul	-0.01
14) Fluoranthene-d10	18.92	212	18837	0.00	ng/ul	0.00
Target Compounds				Ovalue		
9) Fluorene	15.14	166	2771	0.064	ng/ul#	14
17) Pyrene	19.29	202	2462	0.036	ng/ul#	1
21) Benzo(b)fluoranthene	22.65	252	3070	0.061	ng/ul#	55
22) Benzo(k)fluoranthene	22.69	252	2052	0.041	ng/ul#	27
23) Benzo(a)pyrene	23.14	252	4693	0.107	ng/ul#	60
24) Indeno(1,2,3-cd)pyrene	25.36	276	1390	0.029	ng/ul#	89
25) Dibenzo(a,h)anthracene	25.37	278	865	0.023	ng/ul#	21
26) Benzo(g,h,i)perylene	25.99	276	1172	0.029	ng/ul#	62

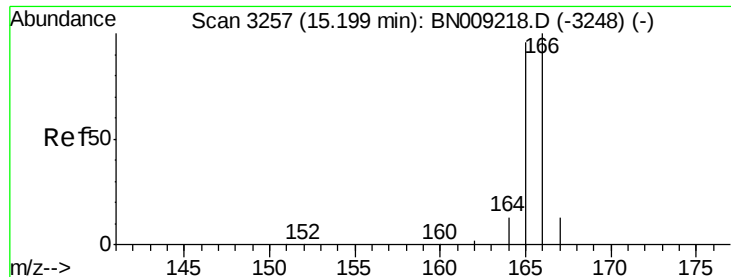
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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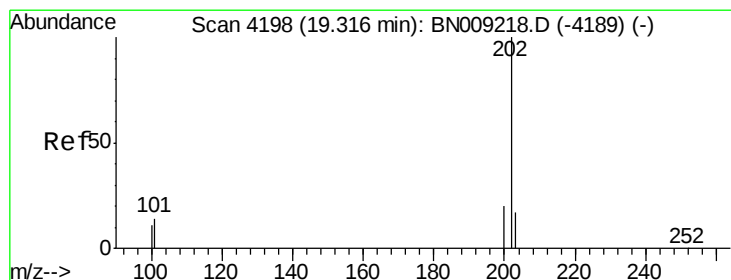
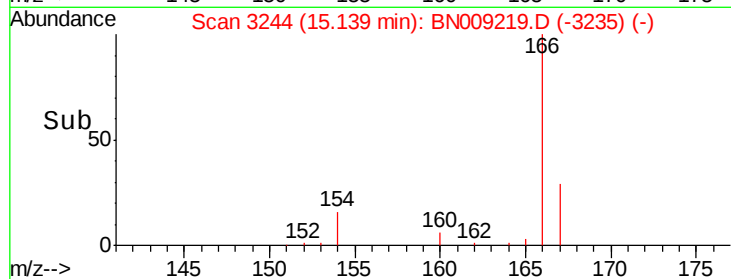
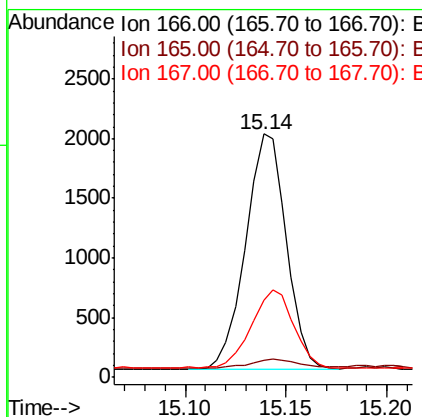
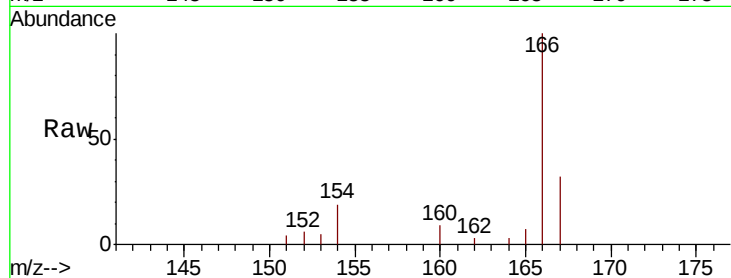




#9
Fluorene
 Concen: 0.064 ng/ul
 RT: 15.14 min Scan# 3244
 Delta R.T. -0.06 min
 Lab File: BN009219.D
 Acq: 28 Dec 2019 09:44

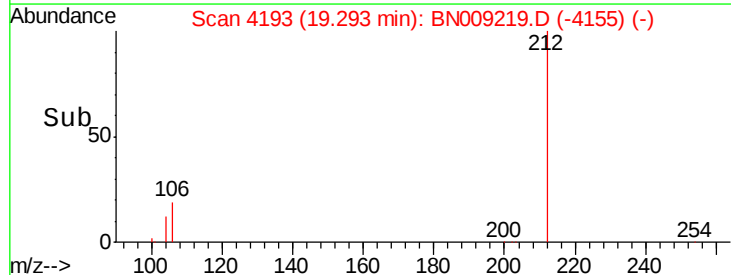
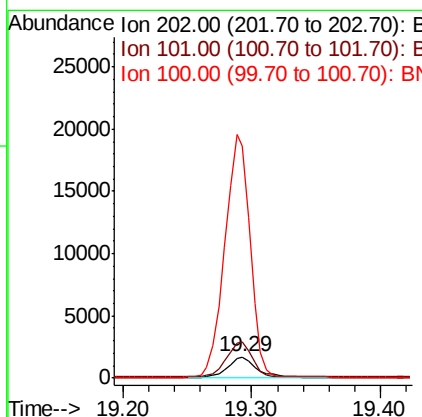
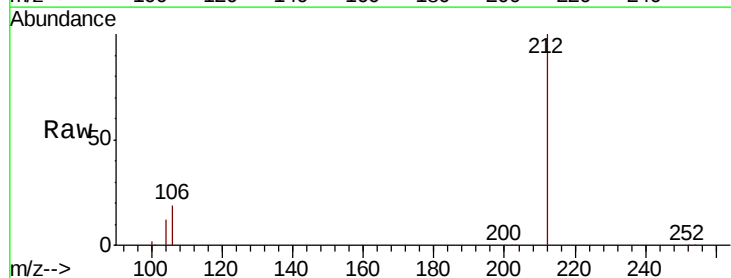
Instrument :
 BNA_N
 ClientSampleId :

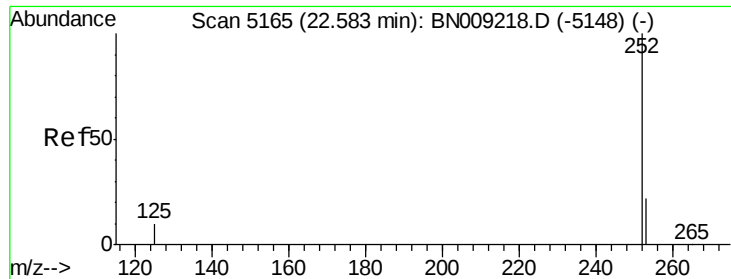
Tot Ion:166 Resp: 2771
 Ion Ratio Lower Upper
 166 100
 165 6.9 78.2 117.4#
 167 31.9 11.0 16.6#



#17
Pyrene
 Concen: 0.036 ng/ul
 RT: 19.29 min Scan# 4193
 Delta R.T. -0.02 min
 Lab File: BN009219.D
 Acq: 28 Dec 2019 09:44

Tgt Ion:202 Resp: 2462
 Ion Ratio Lower Upper
 202 100
 101 172.2 10.9 16.3#
 100 1109.4 9.0 13.6#





#21

Benzo(b)fluoranthene

Concen: 0.061 ng/ul

RT: 22.65 min Scan# 5187

Delta R.T. 0.06 min

Lab File: BN009219.D

Acq: 28 Dec 2019 09:44

Instrument :

BNA_N

ClientSampleId :

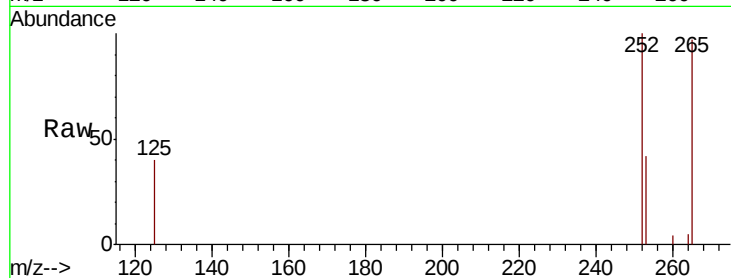
Tot Ion:252 Resp: 3070

Ion Ratio Lower Upper

252 100

253 41.5 0.0 48.2

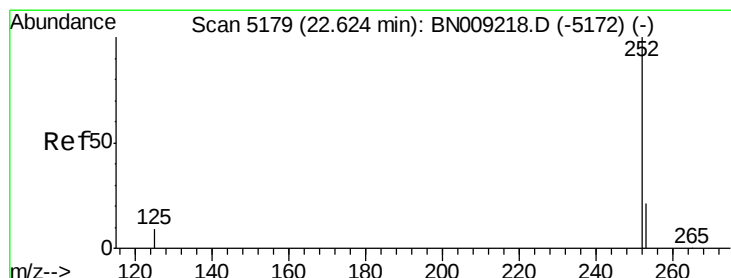
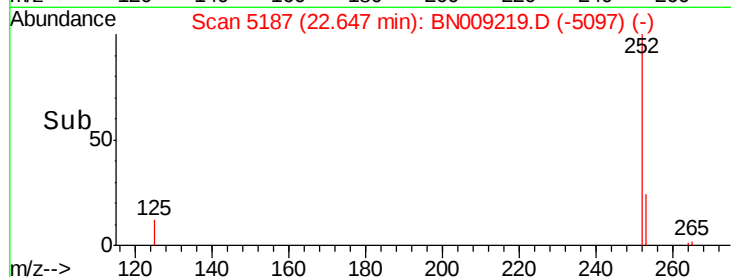
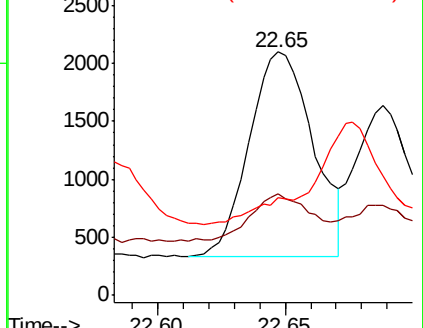
125 40.0 0.0 30.0#



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

Benzo(k)fluoranthene

Concen: 0.041 ng/ul

RT: 22.69 min Scan# 5201

Delta R.T. 0.06 min

Lab File: BN009219.D

Acq: 28 Dec 2019 09:44

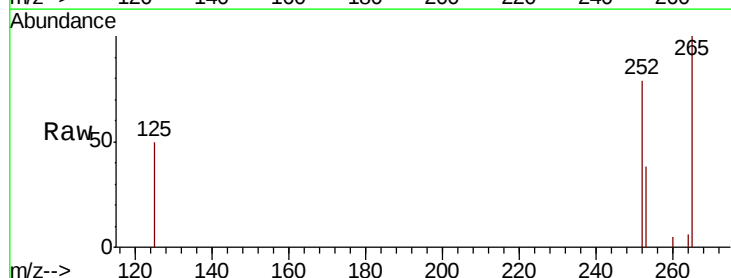
Tgt Ion:252 Resp: 2052

Ion Ratio Lower Upper

252 100

253 47.6 19.4 29.0#

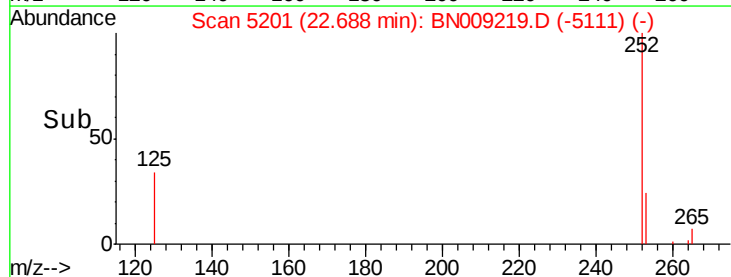
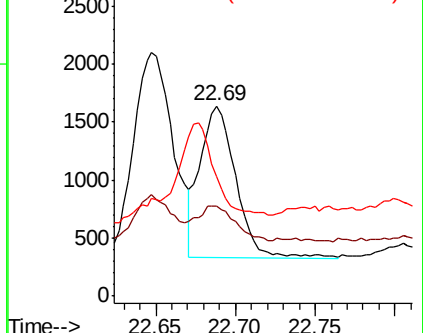
125 62.6 12.4 18.6#

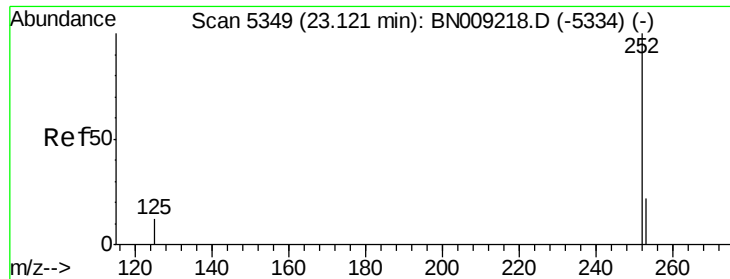


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.107 ng/ul

RT: 23.14 min Scan# 5357

Delta R.T. 0.02 min

Lab File: BN009219.D

Acq: 28 Dec 2019 09:44

Instrument :

BNA_N

ClientSampleId :

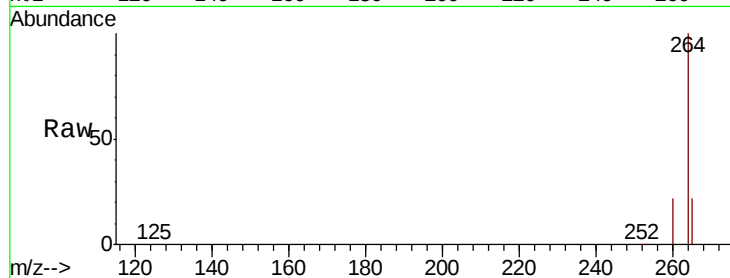
Tot Ion:252 Resp: 4693

Ion Ratio Lower Upper

252 100

253 40.2 20.2 30.4#

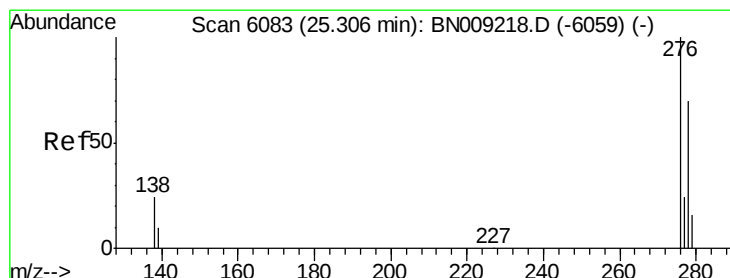
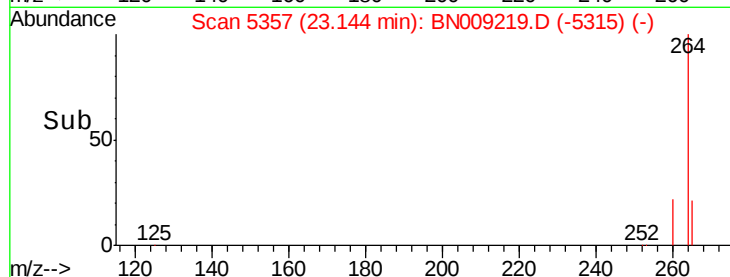
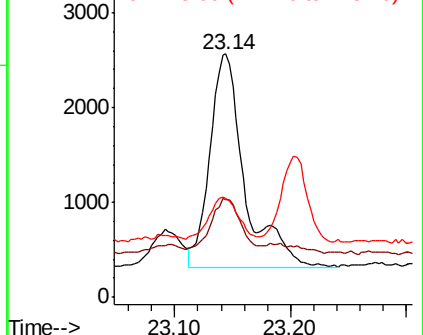
125 40.9 13.2 19.8#



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: 0.029 ng/ul

RT: 25.36 min Scan# 6098

Delta R.T. 0.05 min

Lab File: BN009219.D

Acq: 28 Dec 2019 09:44

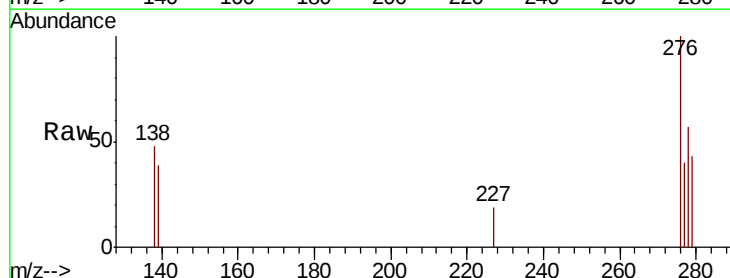
Tgt Ion:276 Resp: 1390

Ion Ratio Lower Upper

276 100

138 22.2 22.4 33.6#

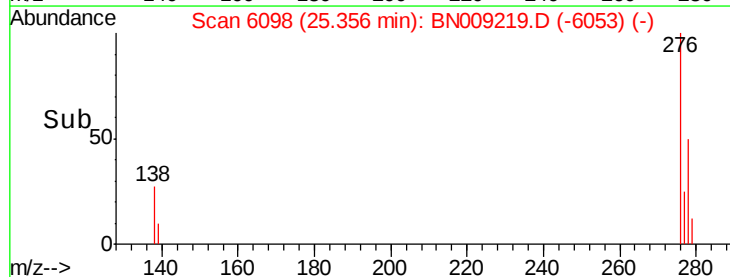
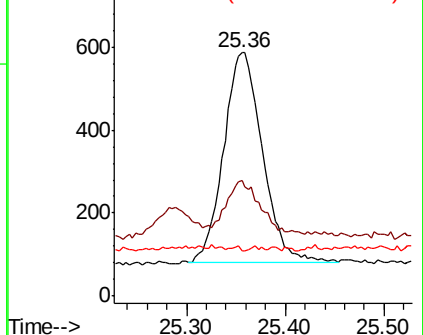
227 0.5 0.2 0.4#

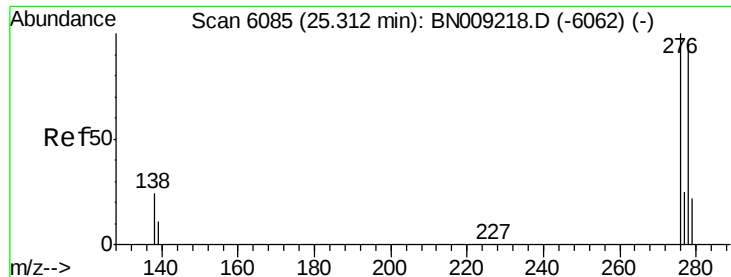


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

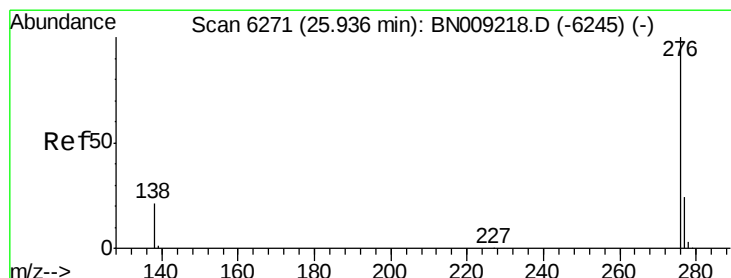
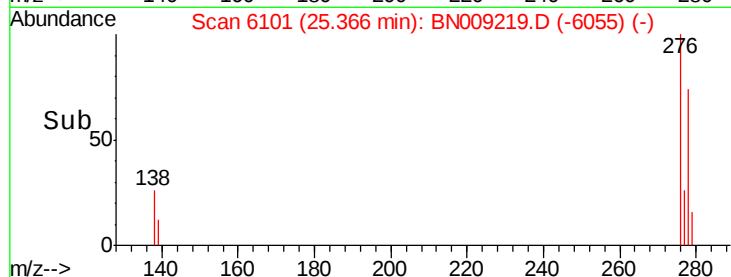
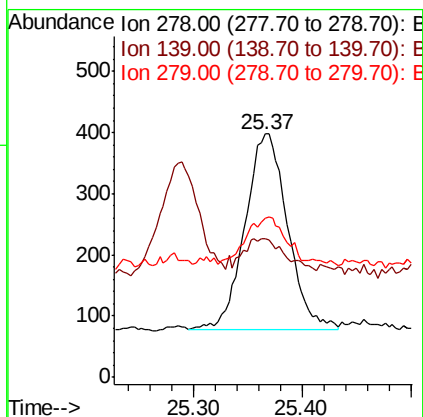
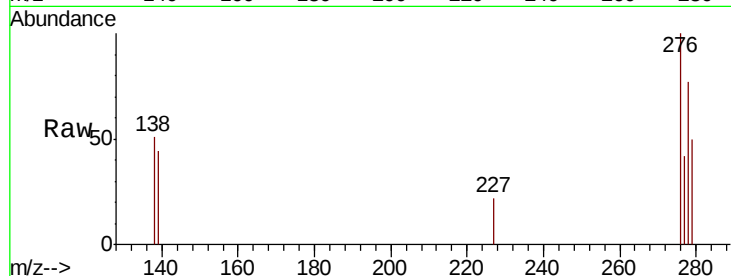




#25
Dibenzo(a,h)anthracene
Concen: 0.023 ng/ul
RT: 25.37 min Scan# 6101
Delta R.T. 0.05 min
Lab File: BN009219.D
Acq: 28 Dec 2019 09:44

Instrument :
BNA_N
ClientSampleId :

Tot Ion:278 Resp: 865
Ion Ratio Lower Upper
278 100
139 57.0 16.2 24.2#
279 65.3 20.3 30.5#



#26
Benzo(g,h,i)perylene
Concen: 0.029 ng/ul
RT: 25.99 min Scan# 6287
Delta R.T. 0.05 min
Lab File: BN009219.D
Acq: 28 Dec 2019 09:44

Tgt Ion:276 Resp: 1172
Ion Ratio Lower Upper
276 100
138 47.8 20.6 30.8#
277 40.7 19.6 29.4#

