

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
 Data File : BN008097.D
 Acq On : 12 Oct 2019 04:01
 Operator : JU
 Sample : K5124-08
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 12 05:18:54 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 : Fri Oct 11 19:05:54 2019
 Response via : Initial Calibration

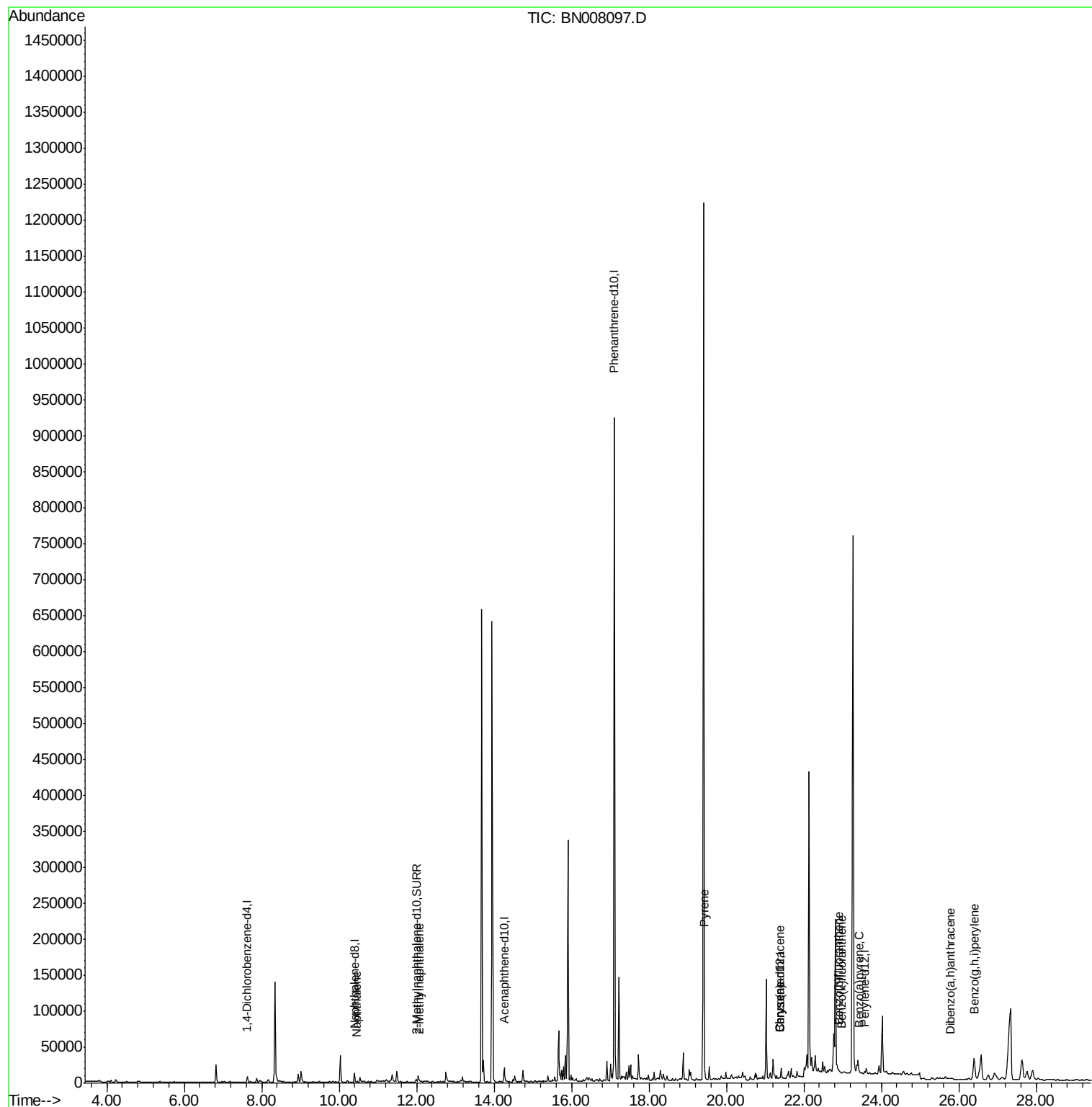
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	3736	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	16765	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.26	164	11537	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.11	188	1036674	0.40	ng/ul	0.09
16) Chrysene-d12	21.38	240	273	0.40	ng/ul	0.17
20) Perylene-d12	23.57	264	199	0.40	ng/ul	0.16
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.99	152	5446	0.19	ng/ul	-0.01
14) Fluoranthene-d10	19.13	212	290	0.00	ng/ul	0.08
Target Compounds				Ovalue		
3) Naphthalene	10.44	128	1267	0.027	ng/ul#	78
5) 2-Methylnaphthalene	12.07	142	1041	0.032	ng/ul	97
17) Pyrene	19.44	202	9539	8.776	ng/ul#	80
18) Benzo(a)anthracene	21.36	228	354	0.357	ng/ul#	1
19) Chrysene	21.36	228	354	0.291	ng/ul#	1
21) Benzo(b)fluoranthene	22.92	252	793	1.224	ng/ul#	1
22) Benzo(k)fluoranthene	22.97	252	115	0.157	ng/ul#	1
23) Benzo(a)pyrene	23.45	252	1020	1.496	ng/ul#	1
25) Dibenzo(a,h)anthracene	25.80	278	58	0.091	ng/ul#	1
26) Benzo(g,h,i)perylene	26.41	276	6334	8.603	ng/ul#	1

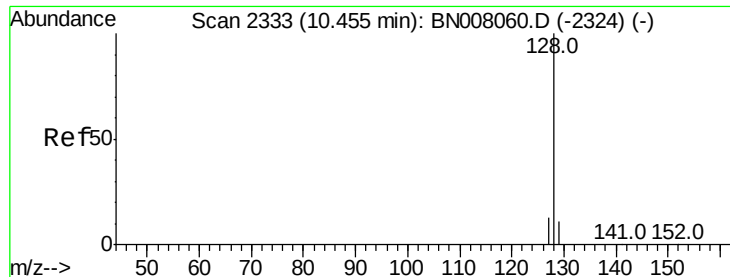
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.027 ng/ul

RT: 10.44 min Scan# 2331

Delta R.T. -0.01 min

Lab File: BN008097.D

Acq: 12 Oct 2019 04:01

Instrument :

BNA_N

ClientSampleId :

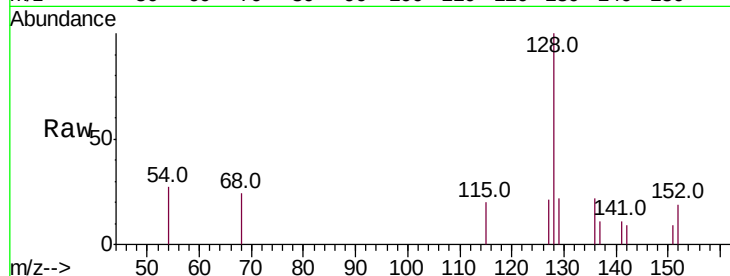
Tot Ion:128 Resp: 1267

Ion Ratio Lower Upper

128 100

129 22.4 9.8 14.8#

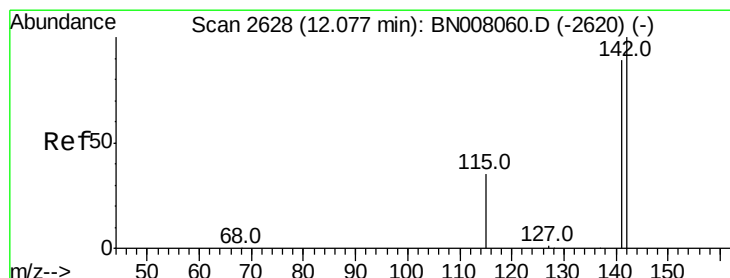
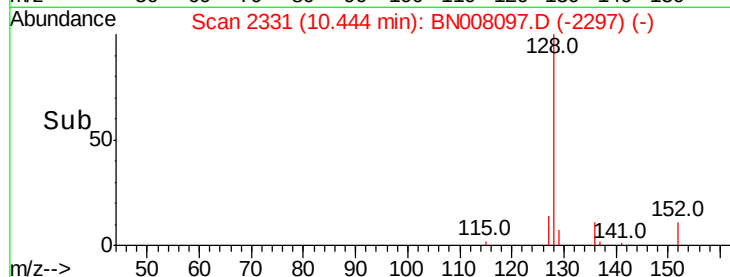
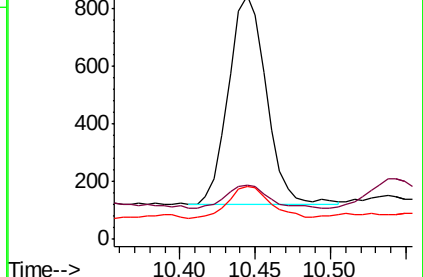
127 21.5 11.1 16.7#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.032 ng/ul

RT: 12.07 min Scan# 2626

Delta R.T. -0.01 min

Lab File: BN008097.D

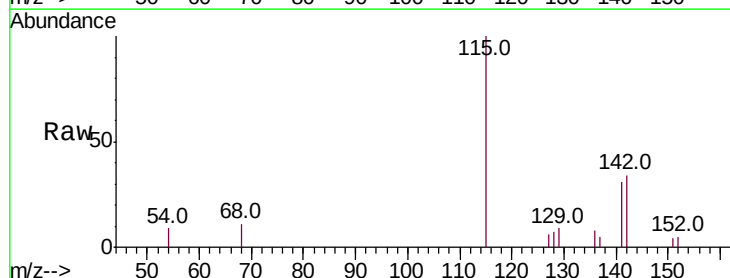
Acq: 12 Oct 2019 04:01

Tgt Ion:142 Resp: 1041

Ion Ratio Lower Upper

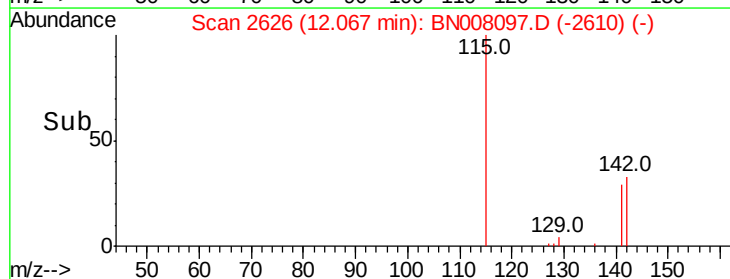
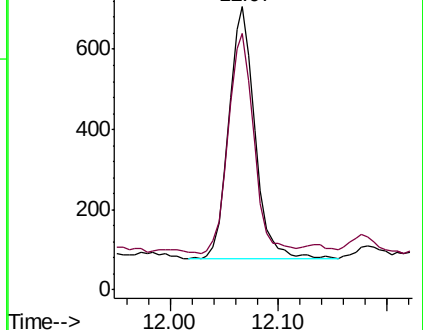
142 100

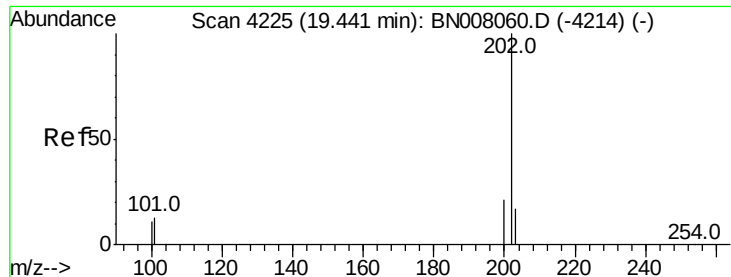
141 86.5 71.4 107.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#17

Pvrene

Concen: 8.776 ng/ul

RT: 19.44 min Scan# 4224

Delta R.T. -0.00 min

Lab File: BN008097.D

Acq: 12 Oct 2019 04:01

Instrument :

BNA_N

ClientSampleId :

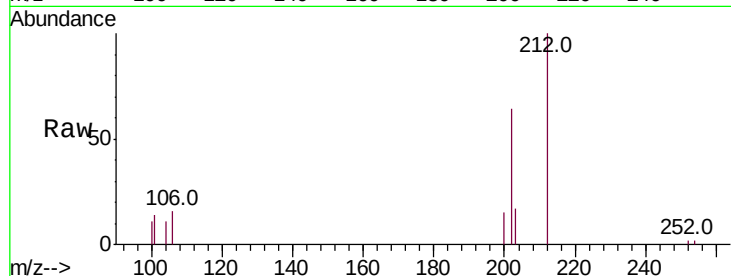
Tot Ion:202 Resp: 9539

Ion Ratio Lower Upper

202 100

101 22.4 10.9 16.3#

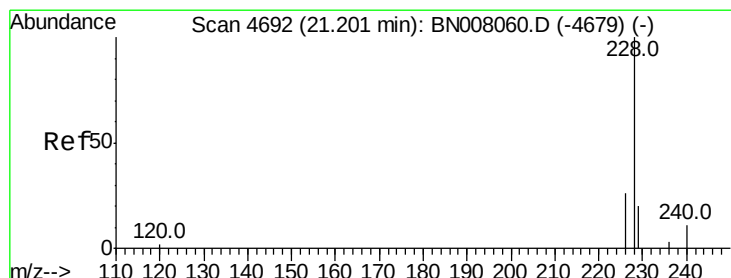
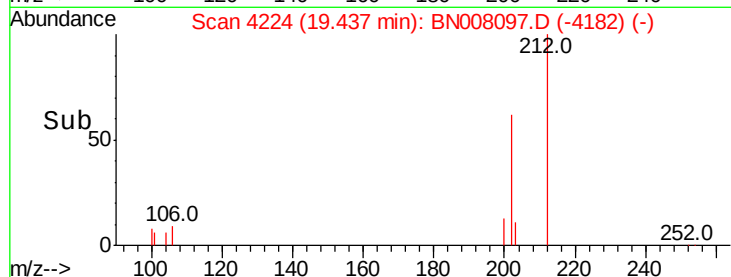
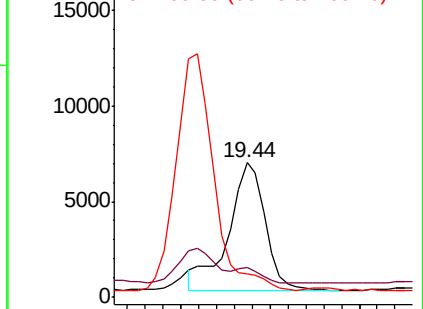
100 17.6 8.7 13.1#



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: 0.357 ng/ul

RT: 21.36 min Scan# 4748

Delta R.T. 0.16 min

Lab File: BN008097.D

Acq: 12 Oct 2019 04:01

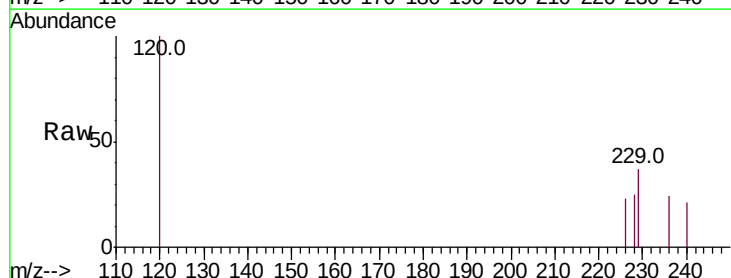
Tgt Ion:228 Resp: 354

Ion Ratio Lower Upper

228 100

229 149.7 16.2 24.2#

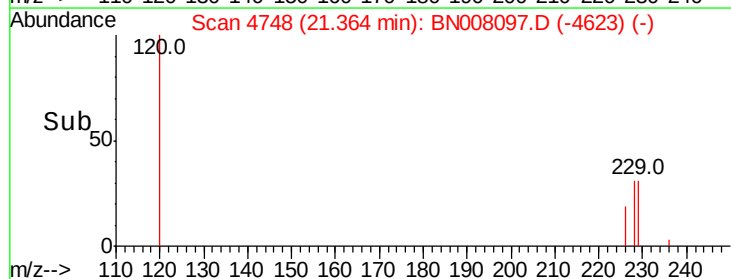
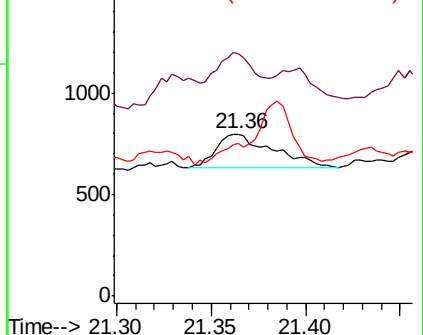
226 94.0 21.4 32.0#

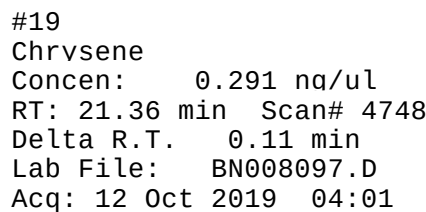


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

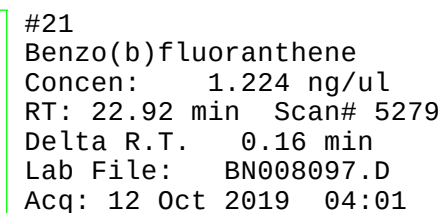
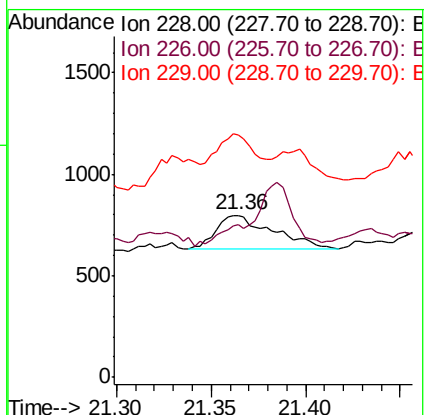
Ion 226.00 (225.70 to 226.70): E



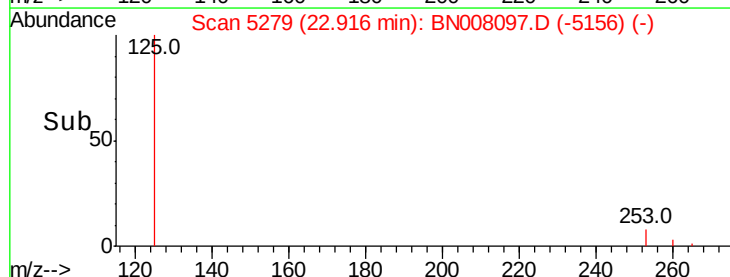
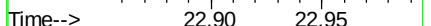
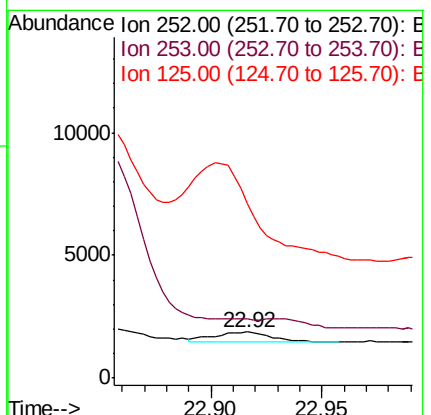


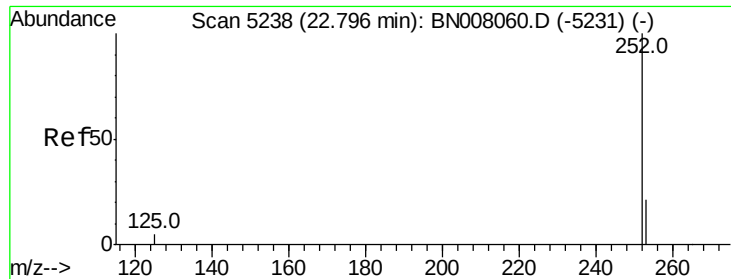
Instrument :
BNA_N
ClientSampleId :

Tot	Ion:228	Resp:	354
Ion	Ratio	Lower	Upper
228	100		
226	94.0	24.1	36.1#
229	149.7	16.2	24.2#



Tgt	Ion:252	Resp:	793
Ion	Ratio	Lower	Upper
252	100		
253	128.1	0.0	53.4#
125	379.2	0.0	32.4#





#22

Benzo(k)fluoranthene

Concen: 0.157 ng/ul

RT: 22.97 min Scan# 5298

Delta R.T. 0.18 min

Lab File: BN008097.D

Acq: 12 Oct 2019 04:01

Instrument :

BNA_N

ClientSampleId :

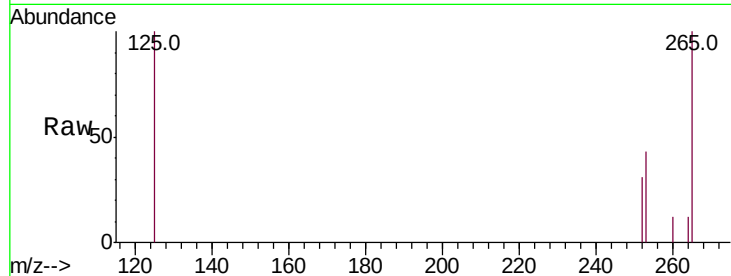
Tot Ion:252 Resp: 115

Ion Ratio Lower Upper

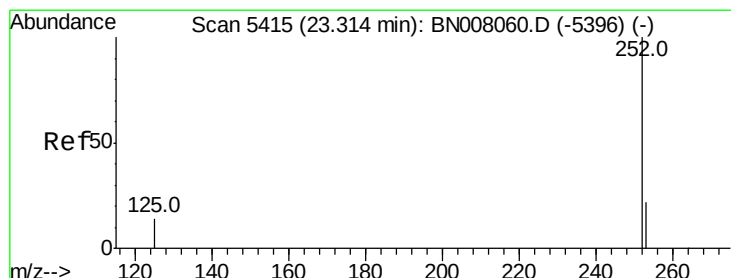
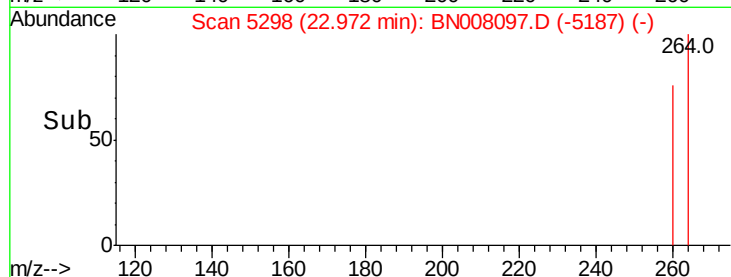
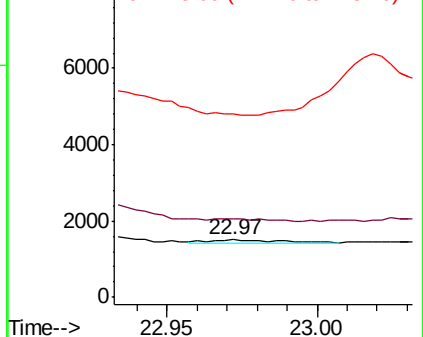
252 100

253 136.1 21.3 31.9#

125 319.9 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: 1.496 ng/ul

RT: 23.45 min Scan# 5460

Delta R.T. 0.13 min

Lab File: BN008097.D

Acq: 12 Oct 2019 04:01

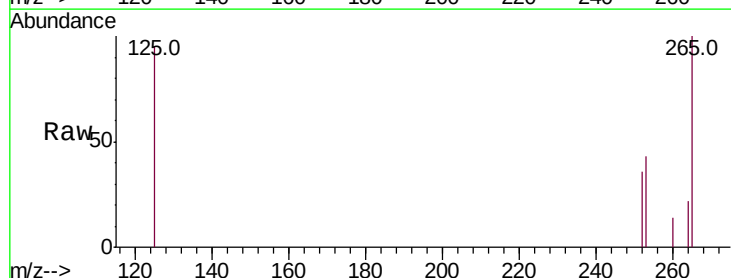
Tgt Ion:252 Resp: 1020

Ion Ratio Lower Upper

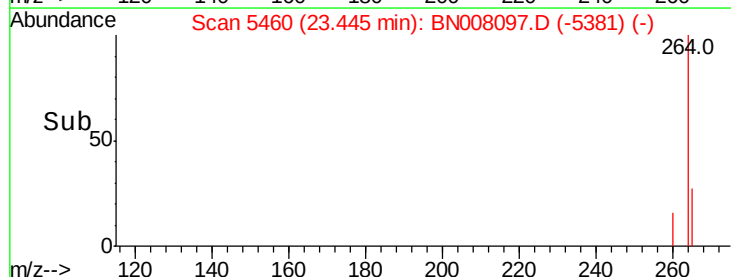
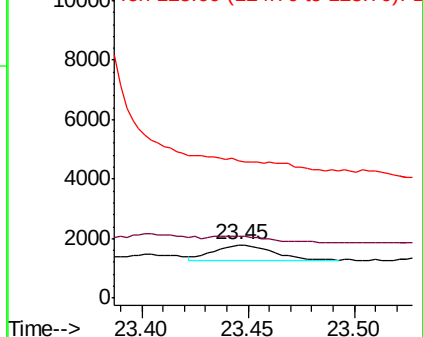
252 100

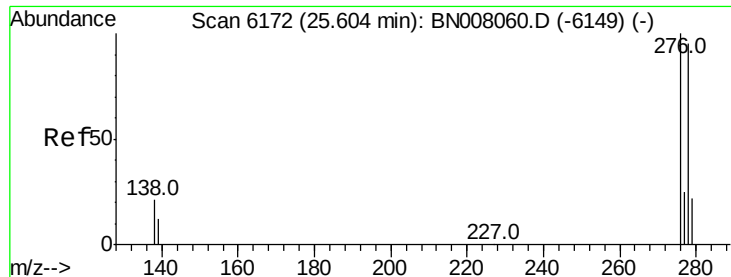
253 117.0 22.8 34.2#

125 260.7 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





#25

Dibenzo(a,h)anthracene

Concen: 0.091 ng/ul

RT: 25.80 min Scan# 6229

Delta R.T. 0.19 min

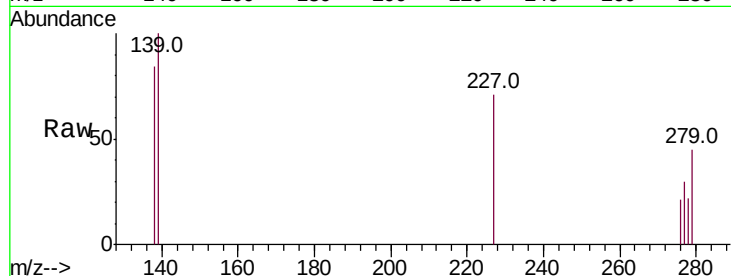
Lab File: BN008097.D

Acq: 12 Oct 2019 04:01

Instrument :

BNA_N

ClientSampleId :



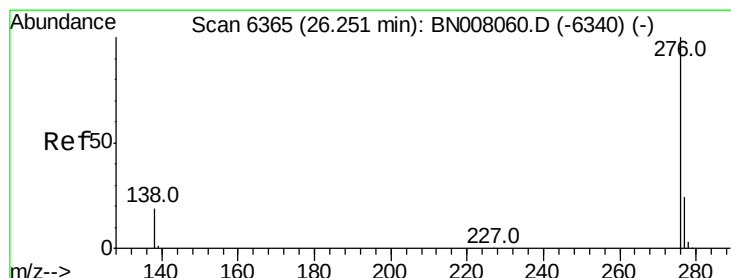
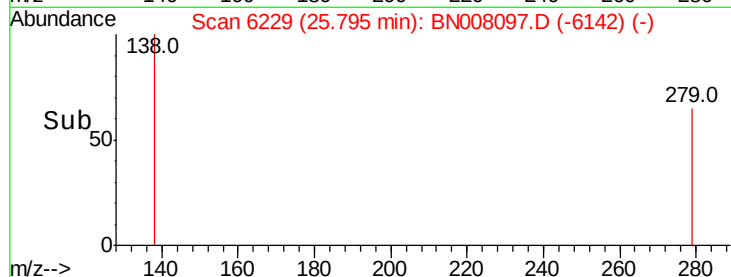
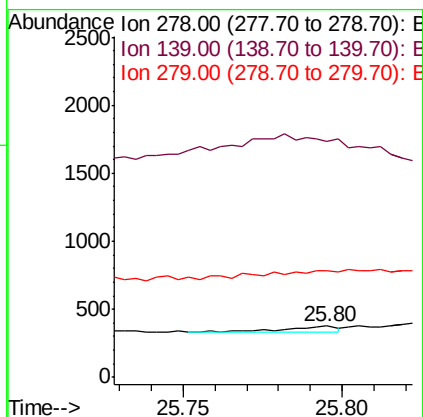
Tot Ion:278 Resp: 58

Ion Ratio Lower Upper

278 100

139 459.3 15.0 22.6#

279 207.1 22.4 33.6#



#26

Benzo(g,h,i)perylene

Concen: 8.603 ng/ul

RT: 26.41 min Scan# 6411

Delta R.T. 0.15 min

Lab File: BN008097.D

Acq: 12 Oct 2019 04:01

Tgt Ion:276 Resp: 6334

Ion Ratio Lower Upper

276 100

138 341.8 17.0 25.4#

277 36.4 20.4 30.6#

