

Data File : BN006211.D
Acq On : 09 Jun 2019 03:41
Operator : JU/SJ
Sample : K3017-11
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A51E4

Quant Time: Jun 09 05:16:22 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 : Sun Jun 09 05:10:30 2019
Response via : Initial Calibration

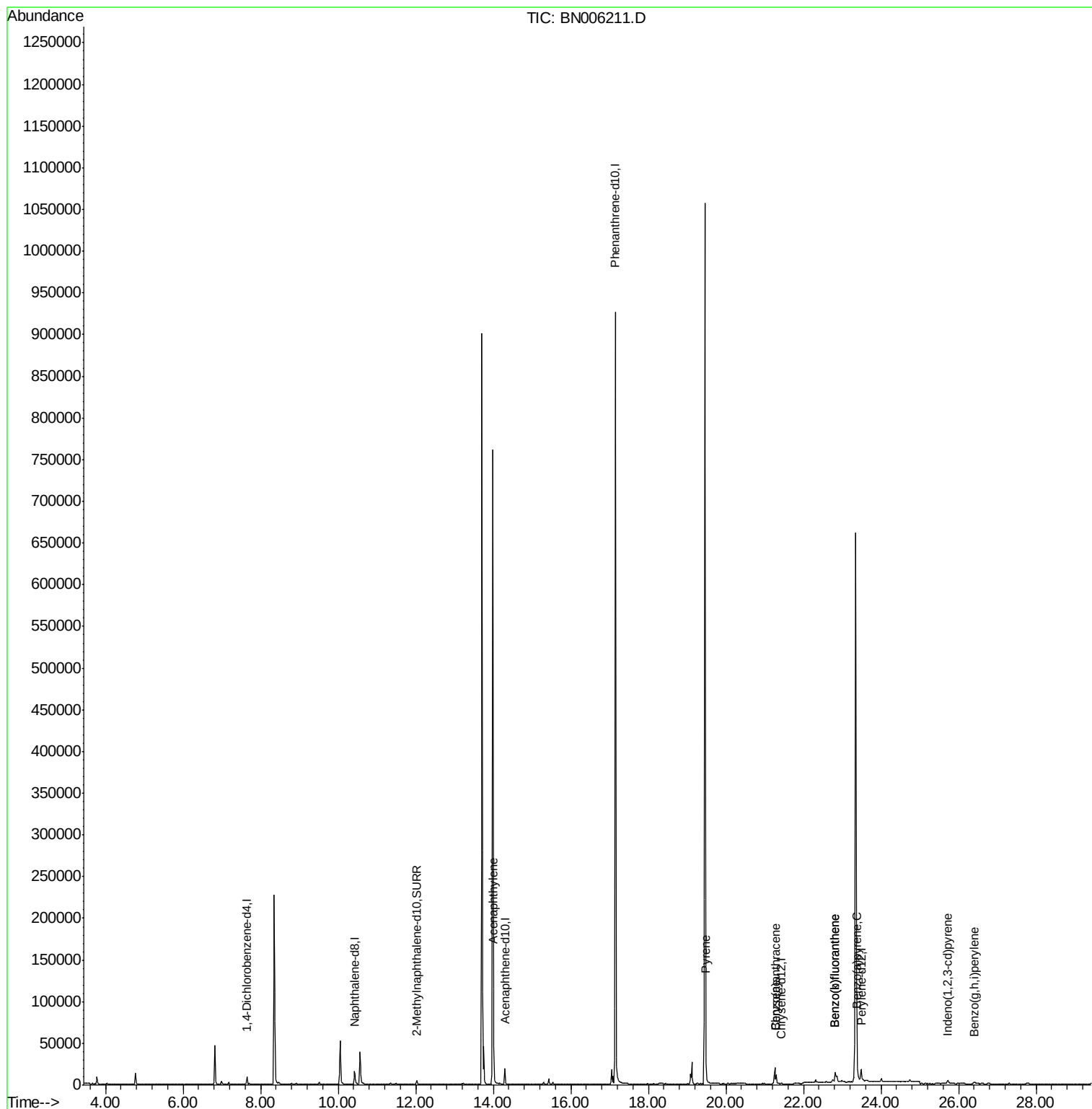
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	5326	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	20507	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	10621	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.15	188	1019249	0.40	ng/ul	0.10
16) Chrysene-d12	21.42	240	62	0.40	ng/ul	0.15
20) Perylene-d12	23.49	264	24504	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	6179	0.20	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds						
					Qvalue	
7) Acenaphthylene	14.01	152	2295	0.039	ng/ul#	91
17) Pyrene	19.49	202	20492	62.747	ng/ul	99
18) Benzo(a)anthracene	21.29	228	11274	41.113	ng/ul	93
19) Chrysene	21.29	228	10884	42.280	ng/ul	96
21) Benzo(b)fluoranthene	22.82	252	20508	0.201	ng/ul#	70
22) Benzo(k)fluoranthene	22.82	252	20493	0.206	ng/ul#	68
23) Benzo(a)pyrene	23.39	252	8107	0.085	ng/ul#	74
24) Indeno(1,2,3-cd)pyrene	25.72	276	6607	0.064	ng/ul#	87
26) Benzo(g,h,i)perylene	26.40	276	5090	0.059	ng/ul#	85

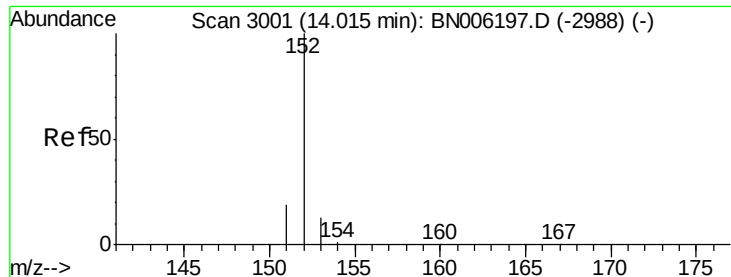
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#7

Acenaphthylene

Concen: 0.039 ng/ul

RT: 14.01 min Scan# 3001

Delta R.T. -0.00 min

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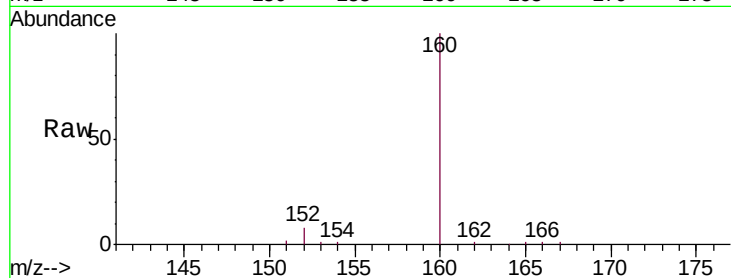
Tgt Ion:152 Resp: 2295

Ion Ratio Lower Upper

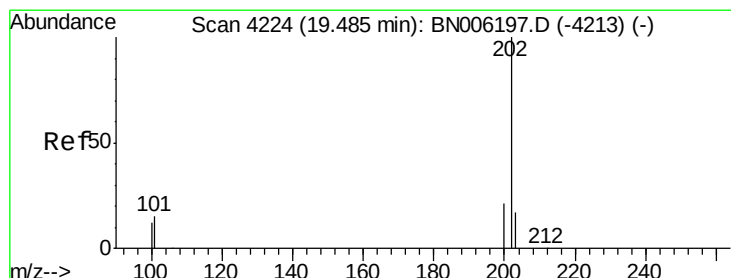
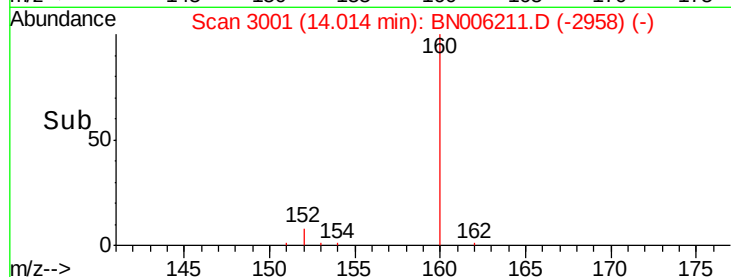
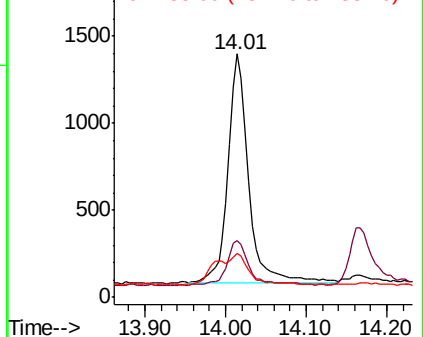
152 100

151 23.3 15.8 23.8

153 17.9 10.8 16.2#



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#17

Pyrene

Concen: 62.747 ng/ul

RT: 19.49 min Scan# 4224

Delta R.T. -0.00 min

Lab File: BN006211.D

Acq: 09 Jun 2019 03:41

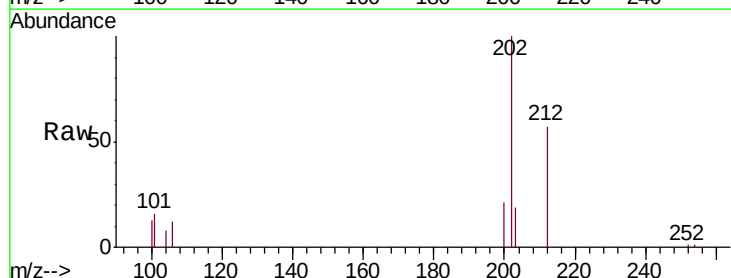
Tgt Ion:202 Resp: 20492

Ion Ratio Lower Upper

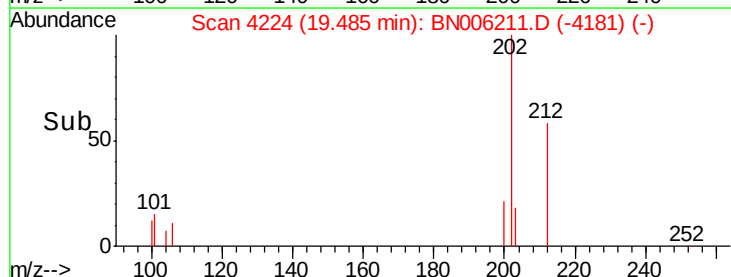
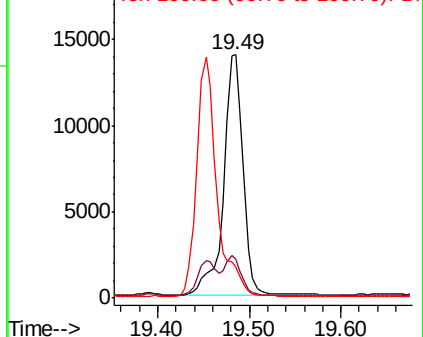
202 100

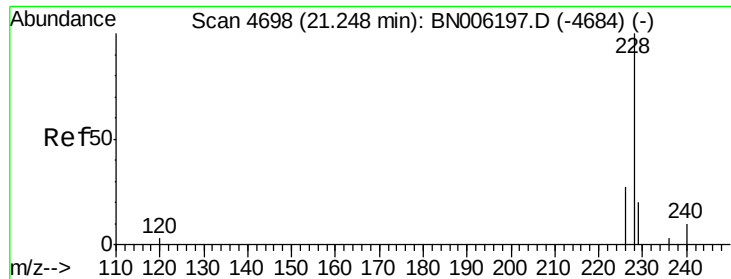
101 15.9 12.2 18.2

100 12.7 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: 41.113 ng/ul

RT: 21.29 min Scan# 4714

Delta R.T. 0.05 min

Lab File: BN006211.D

Acq: 09 Jun 2019 03:41

Instrument :

BNA_N

ClientSampleId :

A51E4

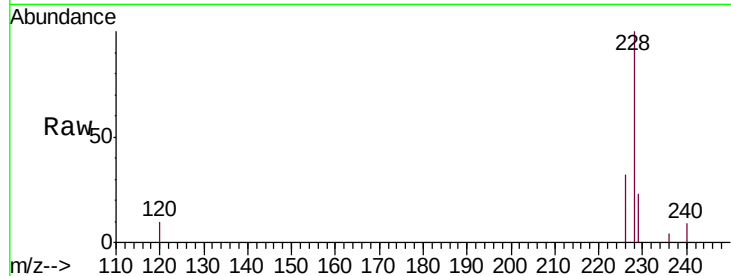
Tgt Ion:228 Resp: 11274

Ion Ratio Lower Upper

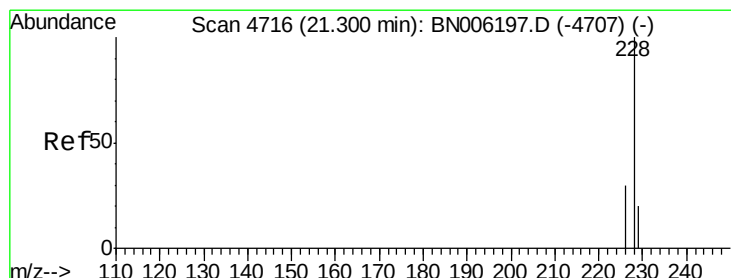
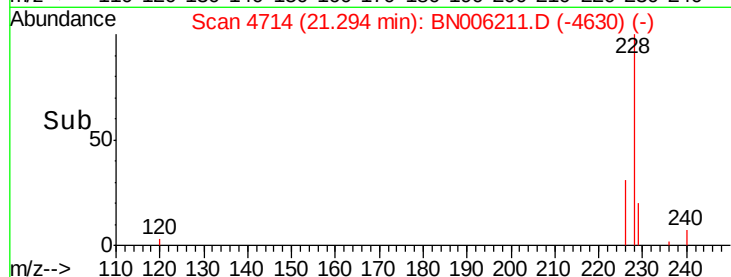
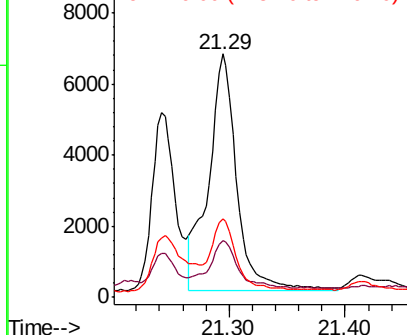
228 100

229 23.5 16.5 24.7

226 32.5 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: 42.280 ng/ul

RT: 21.29 min Scan# 4714

Delta R.T. -0.01 min

Lab File: BN006211.D

Acq: 09 Jun 2019 03:41

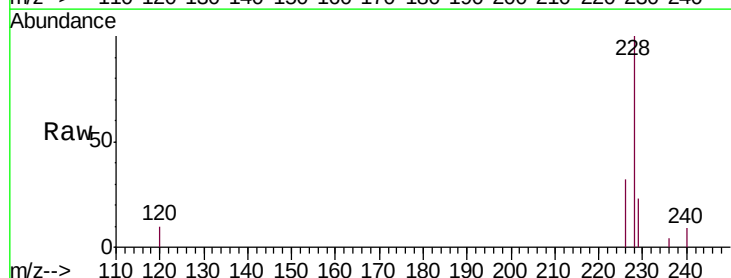
Tgt Ion:228 Resp: 10884

Ion Ratio Lower Upper

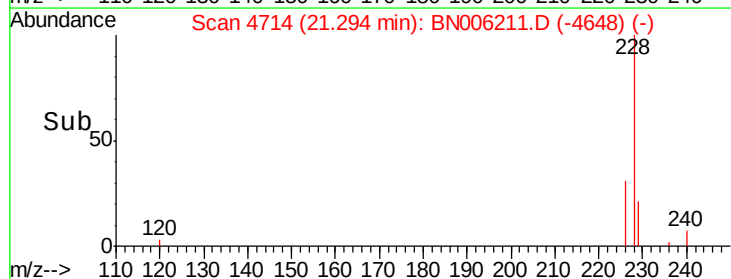
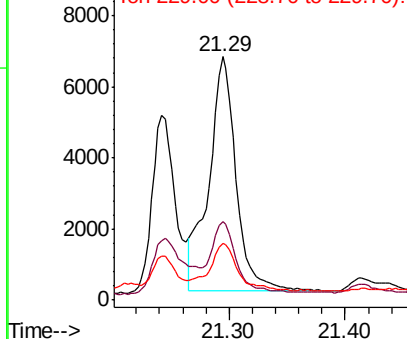
228 100

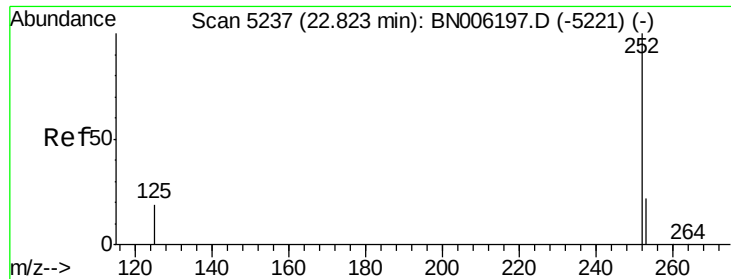
226 32.5 25.0 37.6

229 23.5 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

Benzo(b)fluoranthene

Concen: 0.201 ng/ul

RT: 22.82 min Scan# 5237

Delta R.T. -0.00 min

Lab File: BN006211.D

Acq: 09 Jun 2019 03:41

Instrument :

BNA_N

ClientSampleId :

A51E4

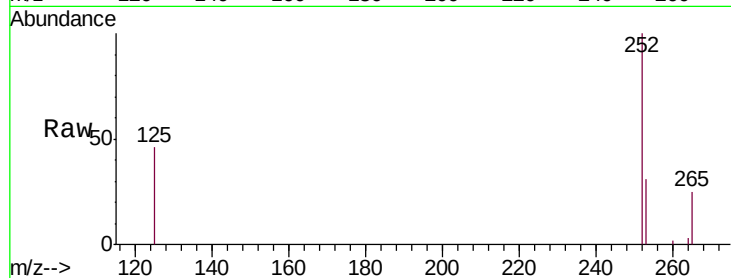
Tgt Ion:252 Resp: 20508

Ion Ratio Lower Upper

252 100

253 30.7 0.0 51.4

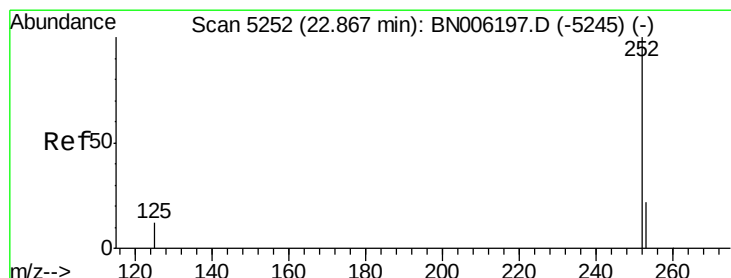
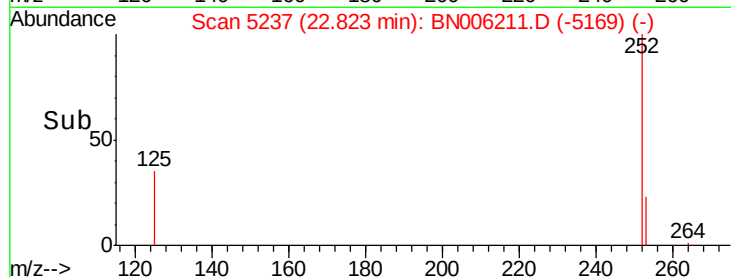
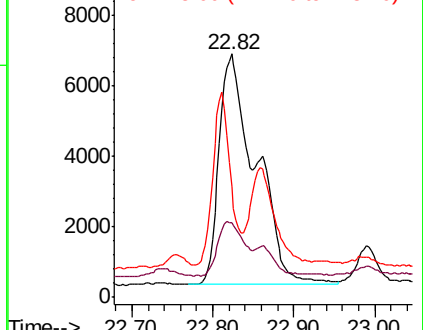
125 45.6 0.0 41.0#



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

Benzo(k)fluoranthene

Concen: 0.206 ng/ul

RT: 22.82 min Scan# 5237

Delta R.T. -0.04 min

Lab File: BN006211.D

Acq: 09 Jun 2019 03:41

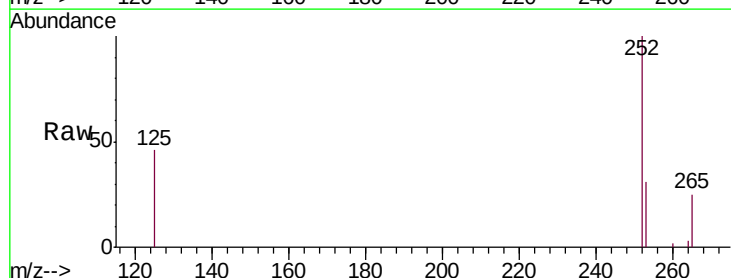
Tgt Ion:252 Resp: 20493

Ion Ratio Lower Upper

252 100

253 30.7 20.3 30.5#

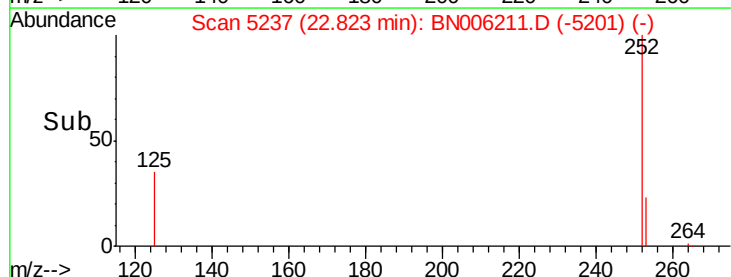
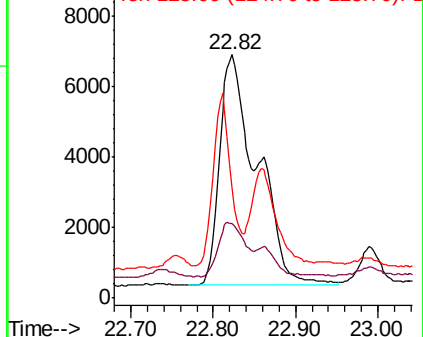
125 45.6 14.3 21.5#

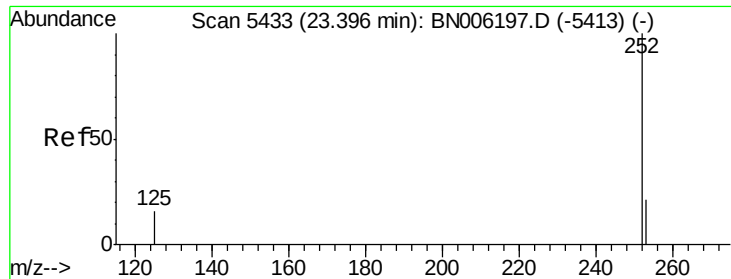


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.085 ng/ul

RT: 23.39 min Scan# 5430

Delta R.T. -0.01 min

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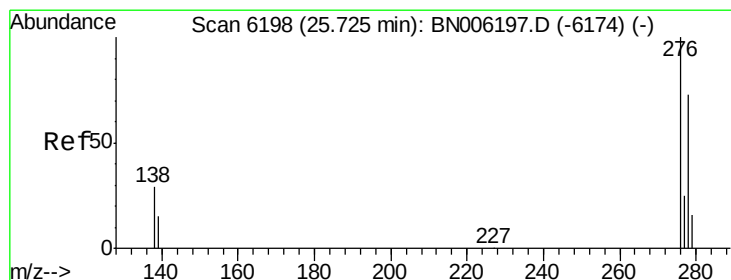
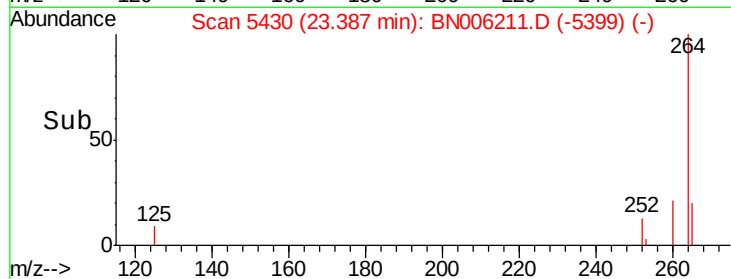
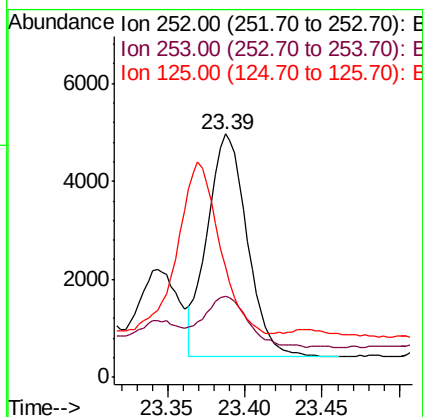
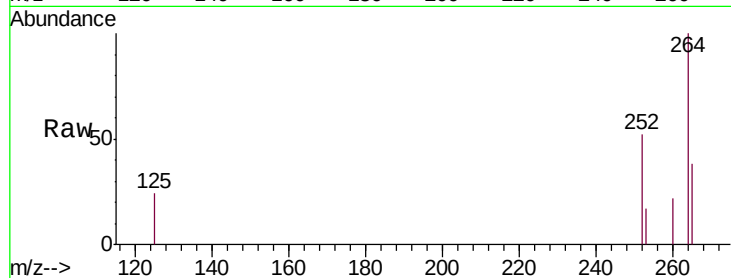
Tgt Ion:252 Resp: 8107

Ion Ratio Lower Upper

252 100

253 33.4 21.1 31.7#

125 45.1 20.3 30.5#



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.064 ng/ul

RT: 25.72 min Scan# 6196

Delta R.T. -0.01 min

Lab File: BN006211.D

Acq: 09 Jun 2019 03:41

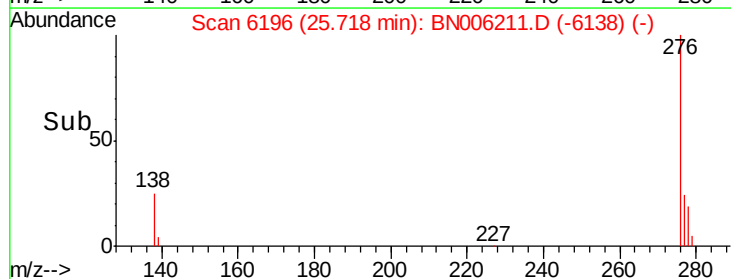
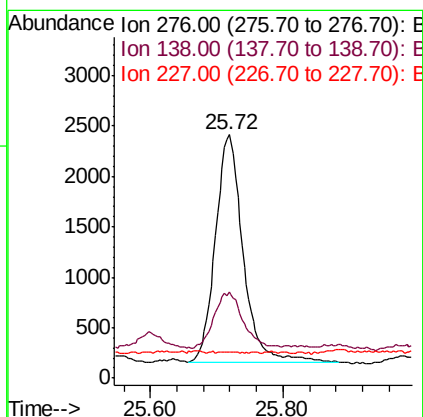
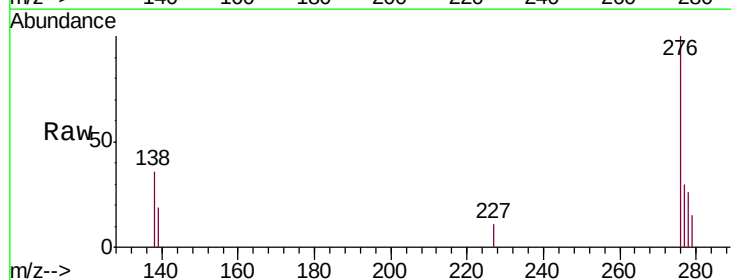
Tgt Ion:276 Resp: 6607

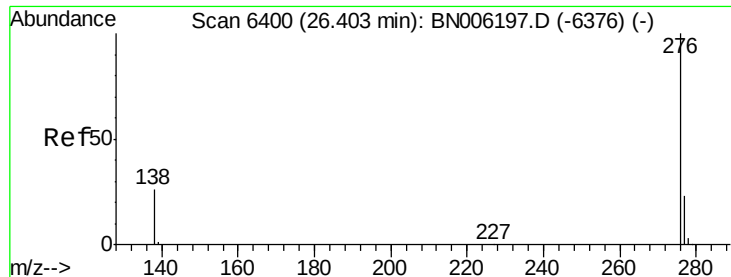
Ion Ratio Lower Upper

276 100

138 24.7 25.6 38.4#

227 0.2 0.3 0.5#





#26

Benzo(g,h,i)perylene

Concen: 0.059 ng/ul

RT: 26.40 min Scan# 6400

Delta R.T. -0.00 min

Lab File: BN006211.D

Acq: 09 Jun 2019 03:41

Instrument :

BNA_N

ClientSampleId :

A51E4

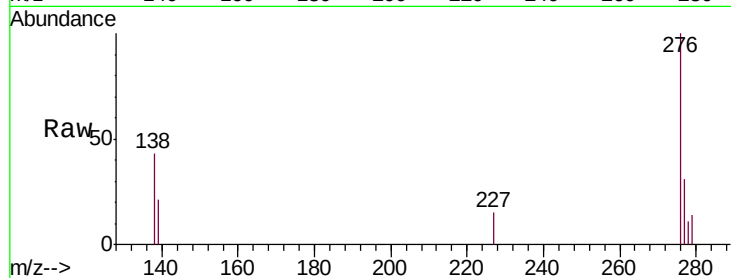
Tgt Ion: 276 Resp: 5090

Ion Ratio Lower Upper

276 100

138 42.6 24.2 36.4#

277 30.8 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

