

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
 Data File : BN006555.D
 Acq On : 25 Jun 2019 05:16
 Operator : HP/JU
 Sample : K3388-02
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4215

Quant Time: Jun 25 07:11:53 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 : Tue Jun 25 01:51:13 2019
 Response via : Initial Calibration

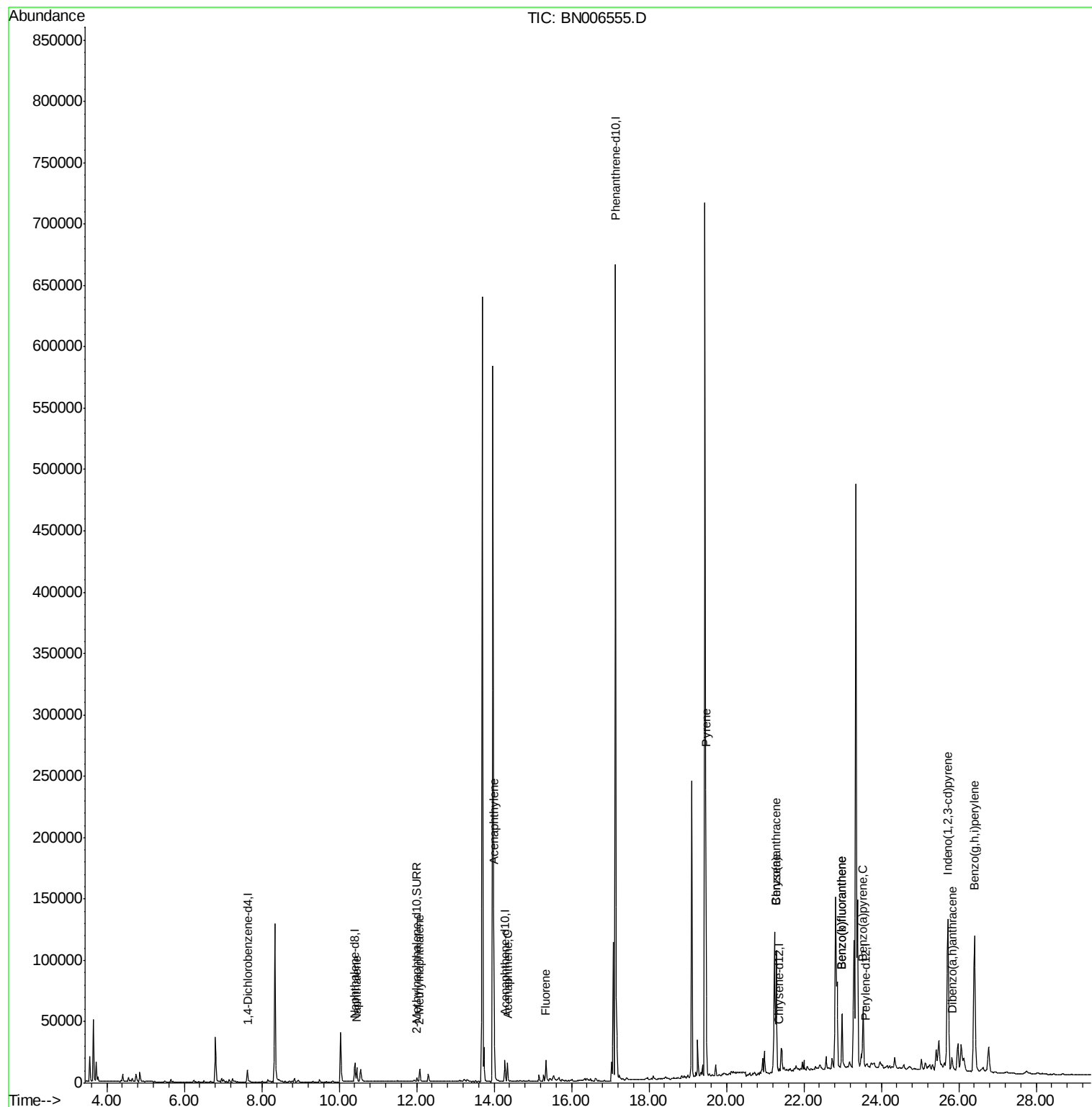
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	5754	0.40	ng/ul	0.00
2) Naphthalene-d8	10.41	136	20254	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.28	164	9493	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.13	188	688700	0.40	ng/ul	0.09
16) Chrysene-d12	21.37	240	116	0.40	ng/ul	0.10
20) Perylene-d12	23.59	264	1196	0.40	ng/ul	0.09
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	4622	0.15	ng/ul	0.00
14) Fluoranthene-d10	19.17	212	178	0.00	ng/ul	0.09
Target Compounds				Qvalue		
3) Naphthalene	10.46	128	15976	0.286	ng/ul	99
5) 2-Methylnaphthalene	12.08	142	8023	0.206	ng/ul	99
7) Acenaphthylene	14.00	152	63444	1.202	ng/ul	99
8) Acenaphthene	14.34	153	8834	0.241	ng/ul	99
9) Fluorene	15.34	166	12199	0.285	ng/ul	96
17) Pyrene	19.47	202	180497	295.402	ng/ul	99
18) Benzo(a)anthracene	21.29	228	99297	193.542	ng/ul	91
19) Chrysene	21.29	228	96698	200.768	ng/ul	94
21) Benzo(b)fluoranthene	22.98	252	57456	11.521	ng/ul	90
22) Benzo(k)fluoranthene	22.98	252	57564	11.850	ng/ul#	87
23) Benzo(a)pyrene	23.53	252	62019	13.353	ng/ul	95
24) Indeno(1,2,3-cd)pyrene	25.72	276	196015	38.990	ng/ul#	88
25) Dibenzo(a,h)anthracene	25.82	278	14886	3.704	ng/ul#	67
26) Benzo(g,h,i)perylene	26.40	276	211431	50.213	ng/ul	95

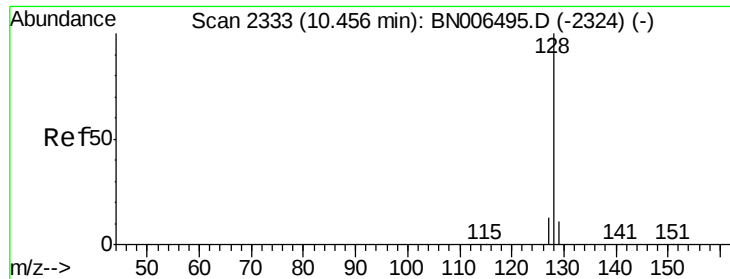
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.286 ng/ul

RT: 10.46 min Scan# 2333

Delta R.T. 0.00 min

Lab File: BN006555.D

Acq: 25 Jun 2019 05:16

Instrument :

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ClientSampleId :

A4215

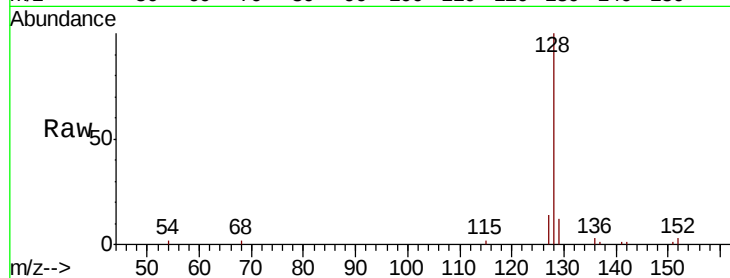
Tgt Ion:128 Resp: 15976

Ion Ratio Lower Upper

128 100

129 12.2 9.3 13.9

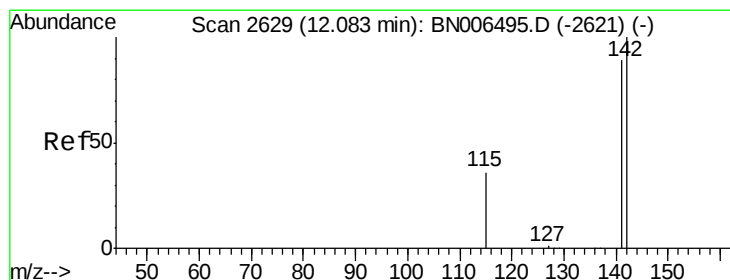
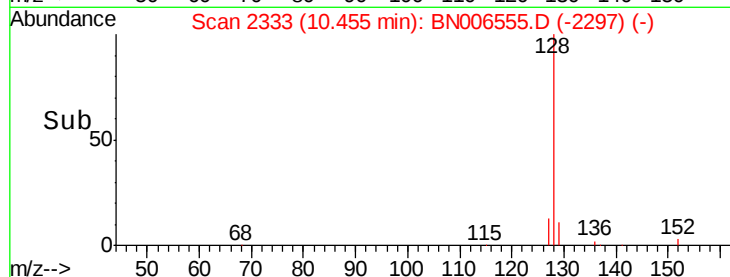
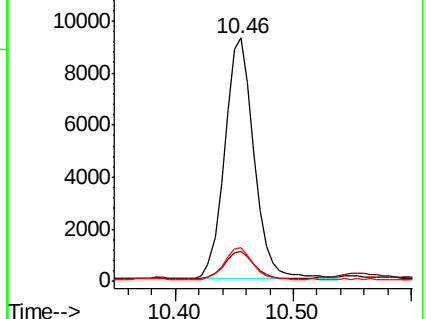
127 13.6 10.7 16.1



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: 0.206 ng/ul

RT: 12.08 min Scan# 2628

Delta R.T. -0.01 min

Lab File: BN006555.D

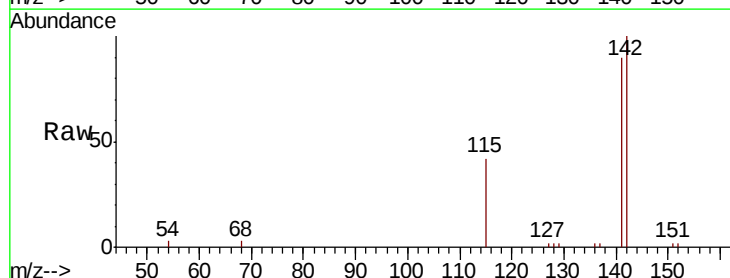
Acq: 25 Jun 2019 05:16

Tgt Ion:142 Resp: 8023

Ion Ratio Lower Upper

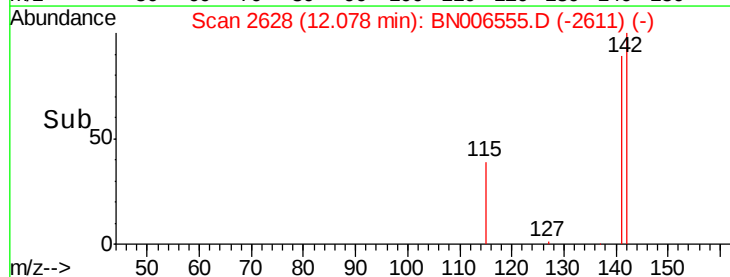
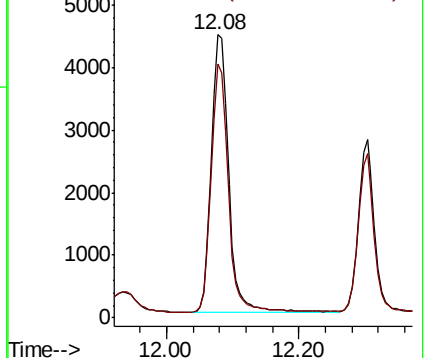
142 100

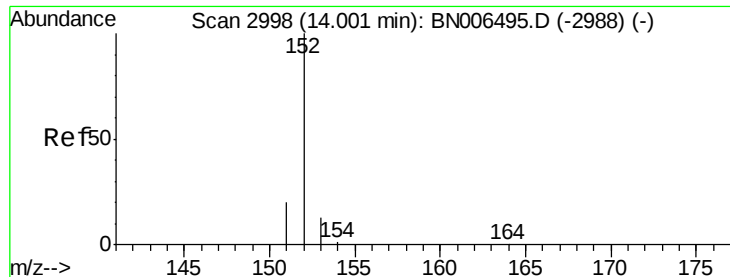
141 87.1 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 1.202 ng/ul

RT: 14.00 min Scan# 2997

Delta R.T. -0.00 min

Lab File: BN006555.D

Acq: 25 Jun 2019 05:16

Instrument :

BNA_N

ClientSampleId :

A4215

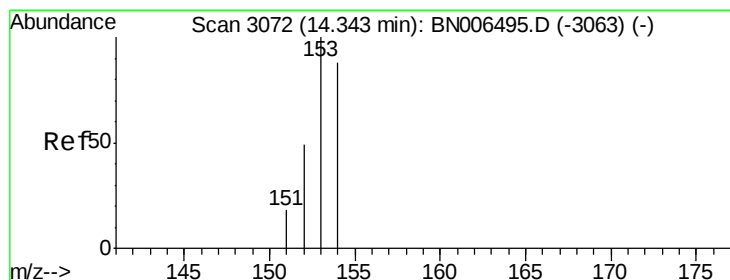
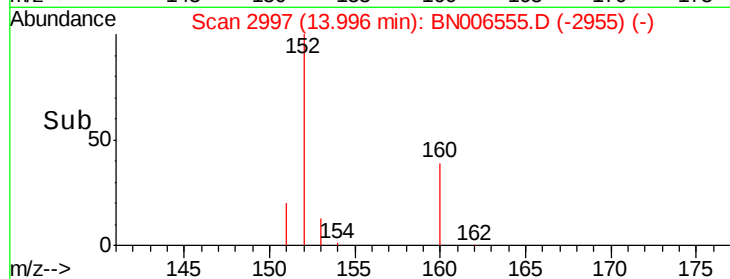
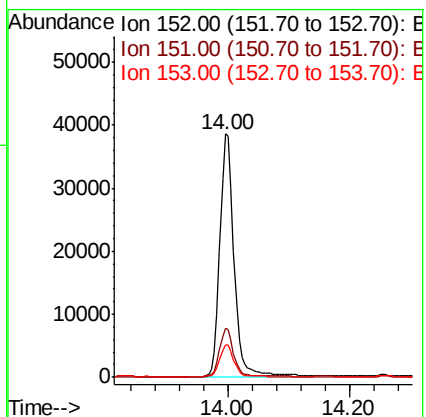
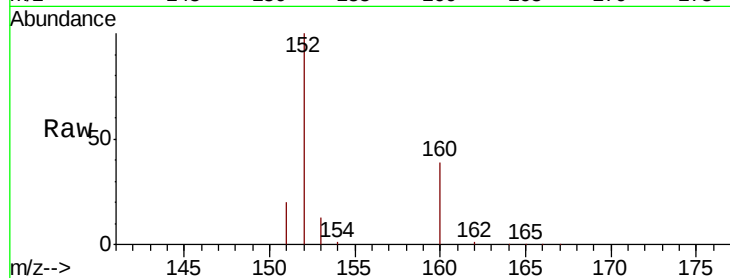
Tgt Ion:152 Resp: 63444

Ion Ratio Lower Upper

152 100

151 20.1 15.8 23.8

153 13.3 10.8 16.2



#8

Acenaphthene

Concen: 0.241 ng/ul

RT: 14.34 min Scan# 3072

Delta R.T. 0.00 min

Lab File: BN006555.D

Acq: 25 Jun 2019 05:16

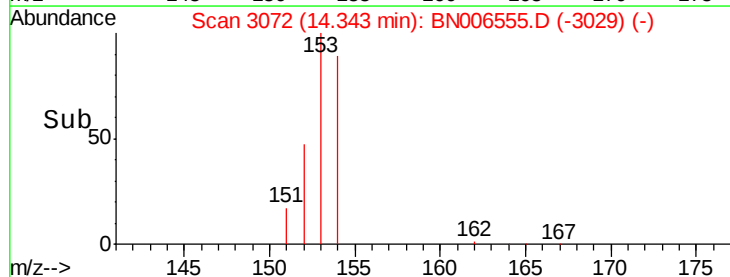
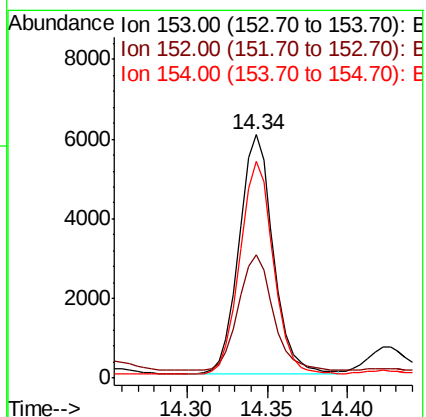
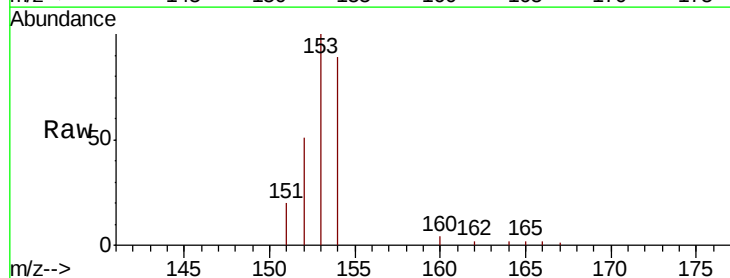
Tgt Ion:153 Resp: 8834

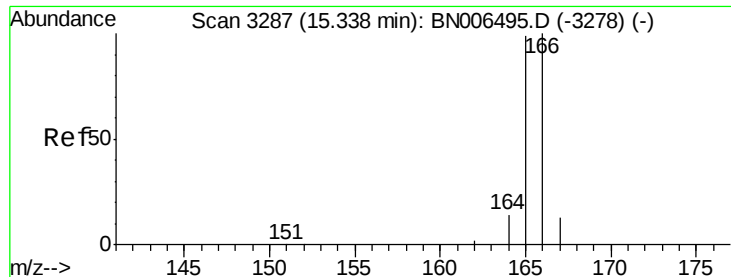
Ion Ratio Lower Upper

153 100

152 50.8 39.1 58.7

154 88.9 71.1 106.7





#9

Fluorene

Concen: 0.285 ng/ul

RT: 15.34 min Scan# 3287

Delta R.T. 0.00 min

Lab File: BN006555.D

Acq: 25 Jun 2019 05:16

Instrument :

BNA_N

ClientSampleId :

A4215

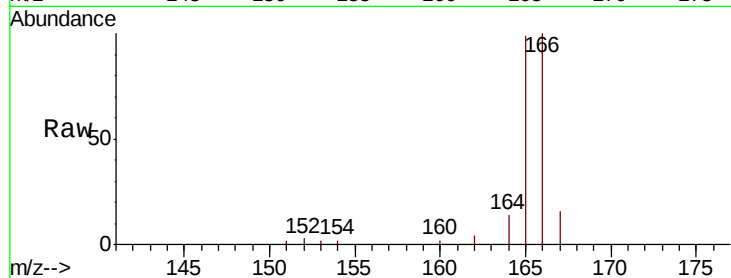
Tgt Ion:166 Resp: 12199

Ion Ratio Lower Upper

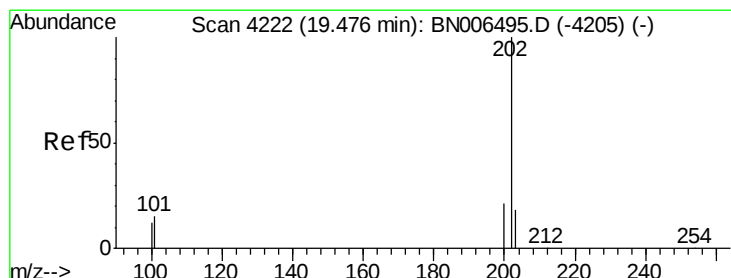
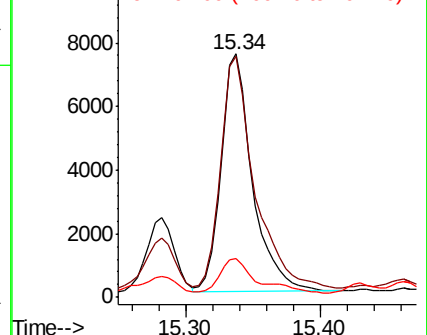
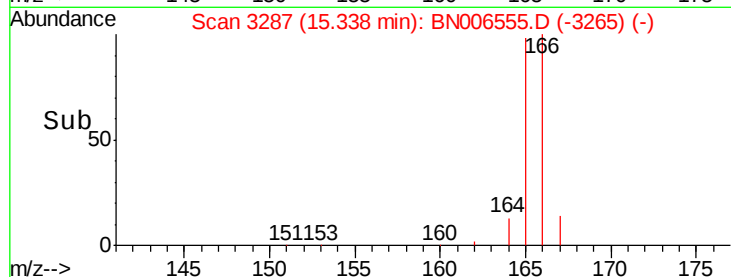
166 100

165 99.1 76.4 114.6

167 15.9 11.0 16.6



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#17

Pyrene

Concen: 295.402 ng/ul

RT: 19.47 min Scan# 4221

Delta R.T. -0.01 min

Lab File: BN006555.D

Acq: 25 Jun 2019 05:16

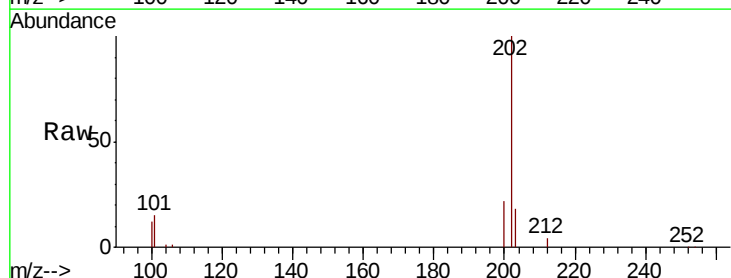
Tgt Ion:202 Resp: 180497

Ion Ratio Lower Upper

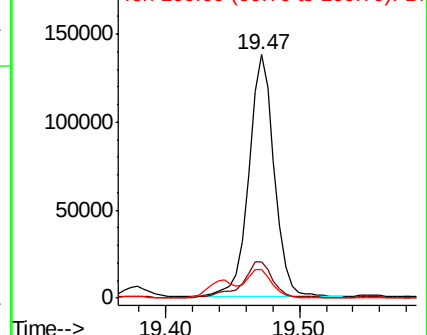
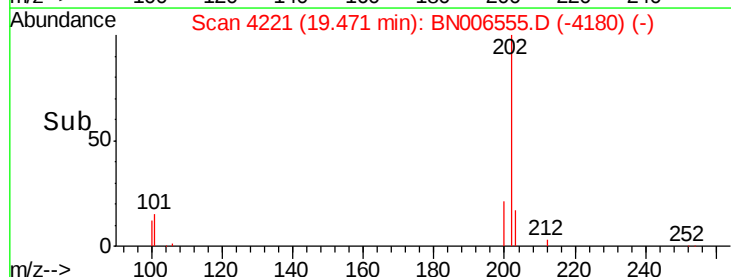
202 100

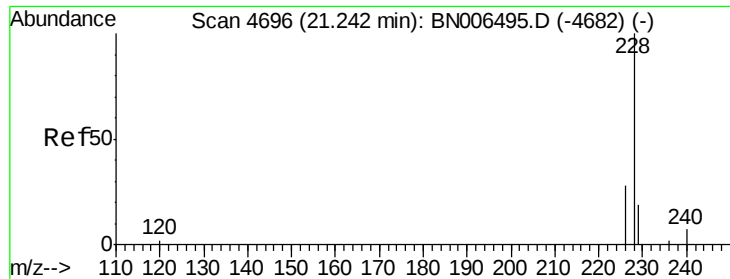
101 15.1 12.2 18.2

100 11.7 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: 193.542 ng/ul

RT: 21.29 min Scan# 4711

Delta R.T. 0.04 min

Lab File: BN006555.D

Acq: 25 Jun 2019 05:16

Instrument :

BNA_N

ClientSampleId :

A4215

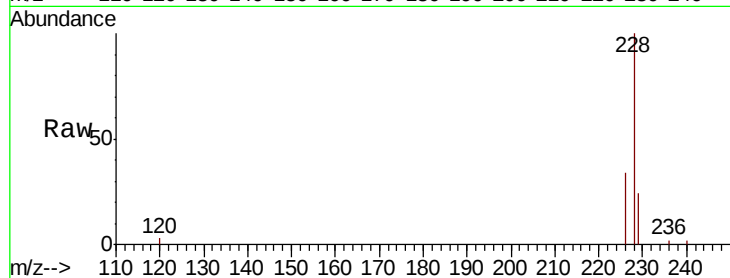
Tgt Ion:228 Resp: 99297

Ion Ratio Lower Upper

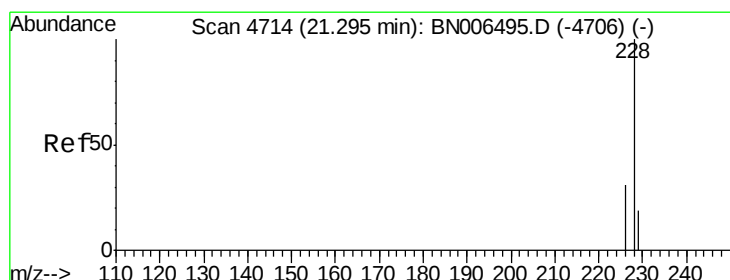
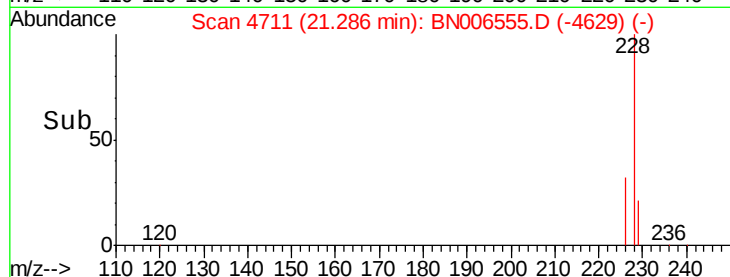
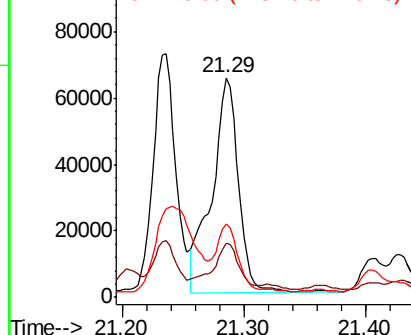
228 100

229 24.4 16.5 24.7

226 33.6 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: 200.768 ng/ul

RT: 21.29 min Scan# 4711

Delta R.T. -0.01 min

Lab File: BN006555.D

Acq: 25 Jun 2019 05:16

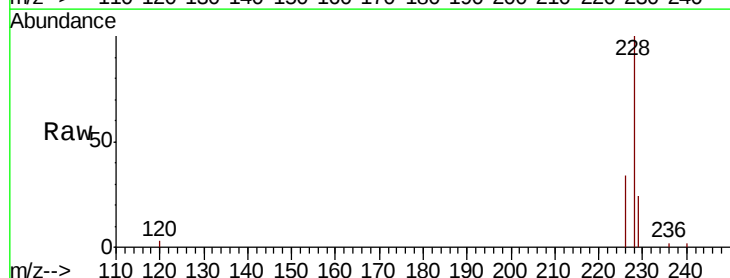
Tgt Ion:228 Resp: 96698

Ion Ratio Lower Upper

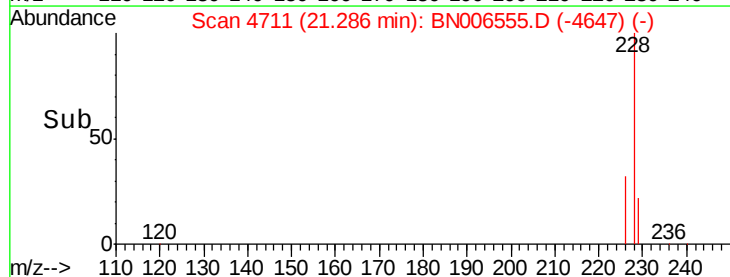
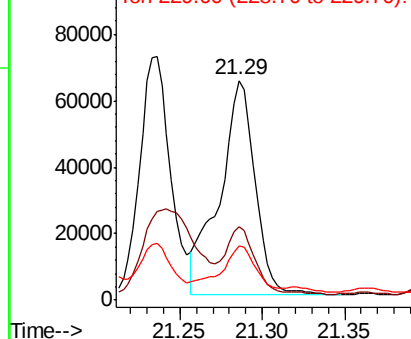
228 100

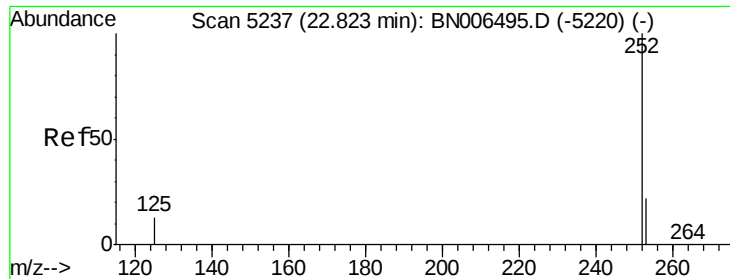
226 33.6 25.0 37.6

229 24.4 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: 11.521 ng/ul

RT: 22.98 min Scan# 5292

Delta R.T. 0.15 min

Lab File: BN006555.D

Acq: 25 Jun 2019 05:16

Instrument :

BNA_N

ClientSampleId :

A4215

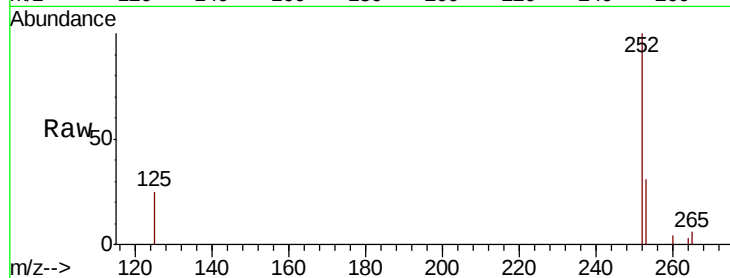
Tgt Ion:252 Resp: 57456

Ion Ratio Lower Upper

252 100

253 30.5 0.0 51.4

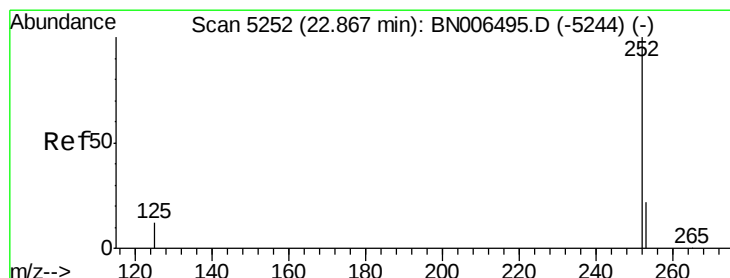
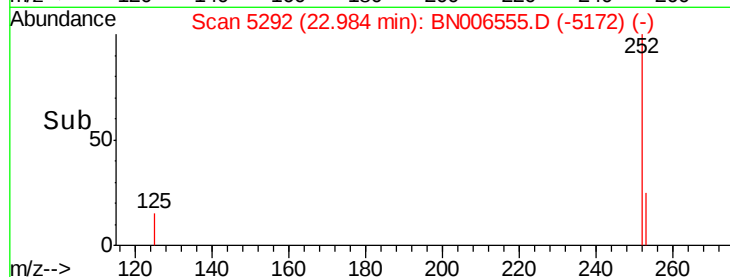
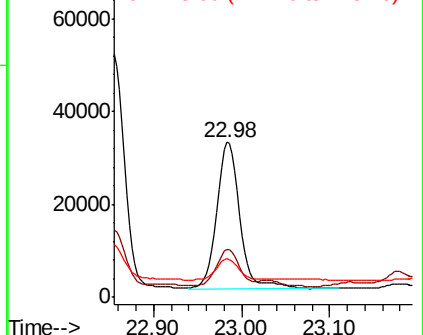
125 24.9 0.0 41.0



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: 11.850 ng/ul

RT: 22.98 min Scan# 5292

Delta R.T. 0.11 min

Lab File: BN006555.D

Acq: 25 Jun 2019 05:16

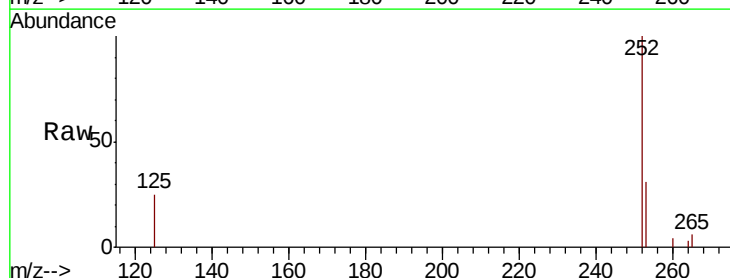
Tgt Ion:252 Resp: 57564

Ion Ratio Lower Upper

252 100

253 30.5 20.3 30.5#

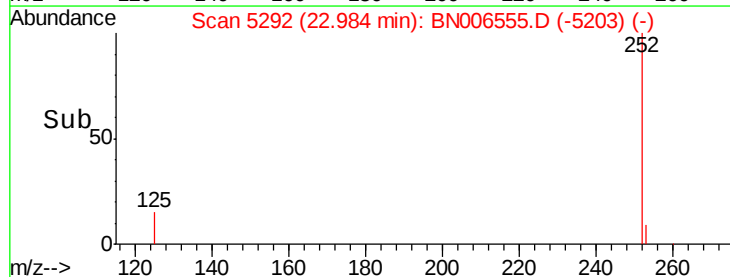
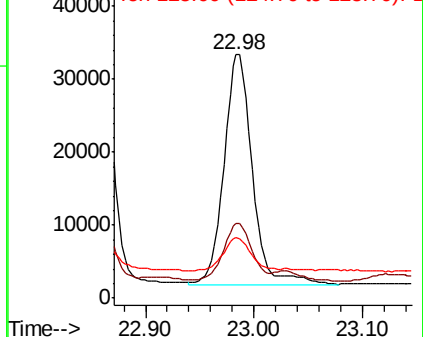
125 24.9 14.3 21.5#

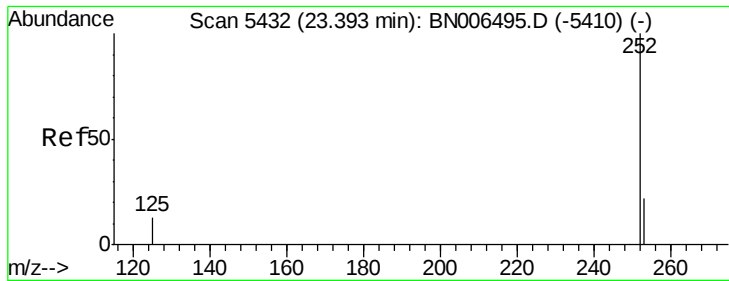


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 13.353 ng/u1

RT: 23.53 min Scan# 5478

Delta R.T. 0.12 min

Lab File: BN006555.D

Acq: 25 Jun 2019 05:16

Instrument :

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A4215

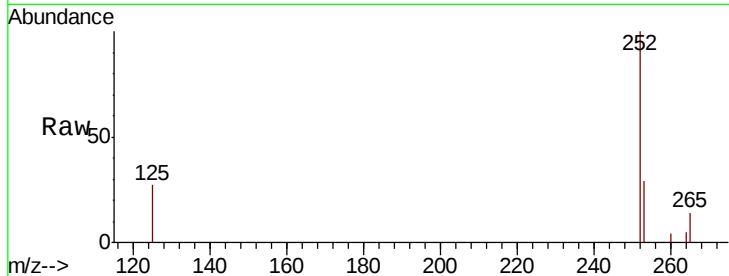
Tgt Ion:252 Resp: 62019

Ion Ratio Lower Upper

252 100

253 29.4 21.1 31.7

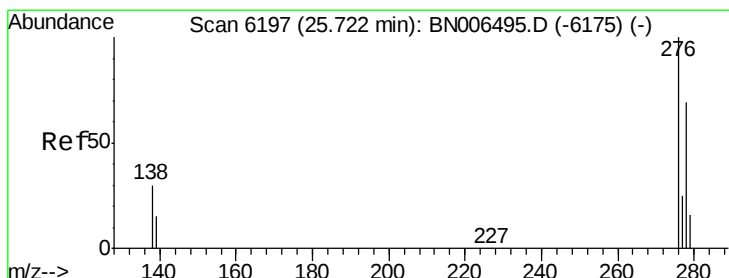
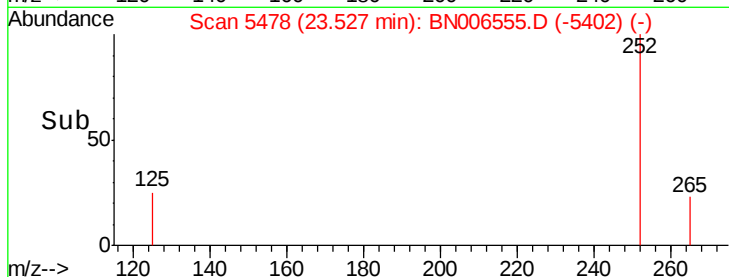
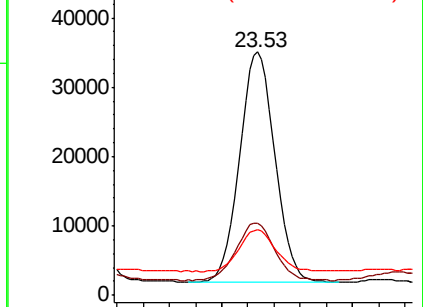
125 27.0 20.3 30.5



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 38.990 ng/u1

RT: 25.72 min Scan# 6196

Delta R.T. -0.02 min

Lab File: BN006555.D

Acq: 25 Jun 2019 05:16

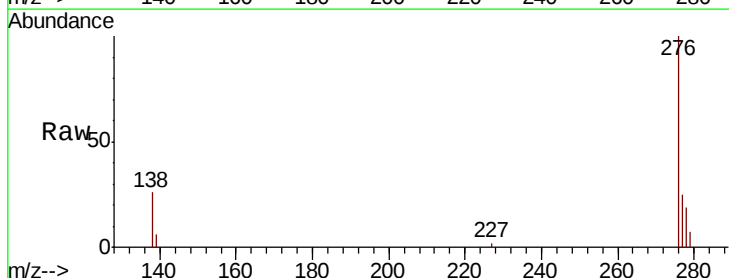
Tgt Ion:276 Resp: 196015

Ion Ratio Lower Upper

276 100

138 25.3 25.6 38.4#

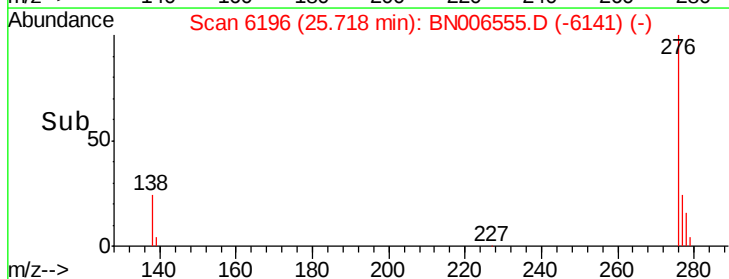
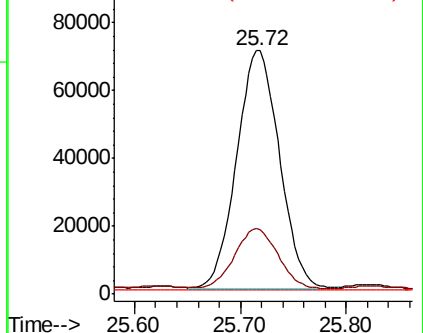
227 0.2 0.3 0.5#

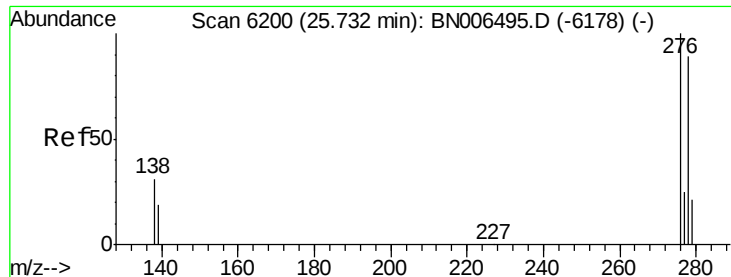


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

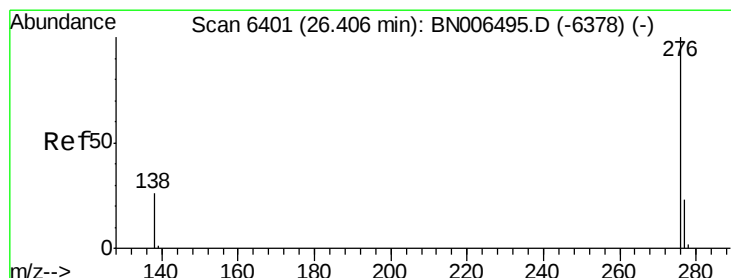
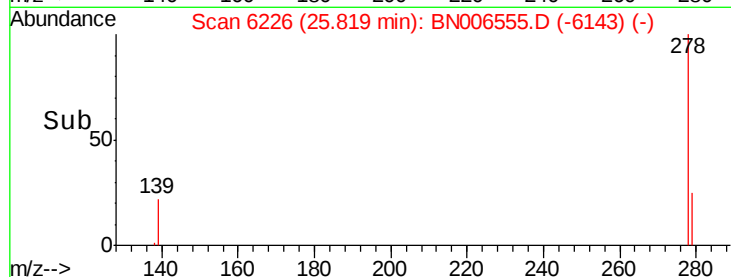
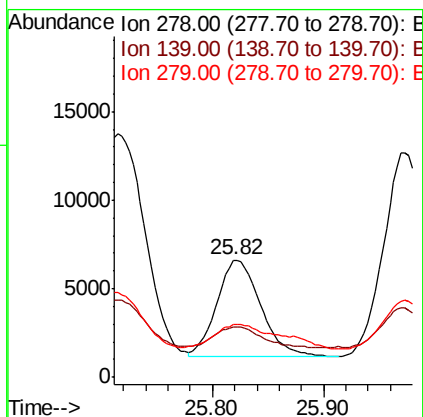
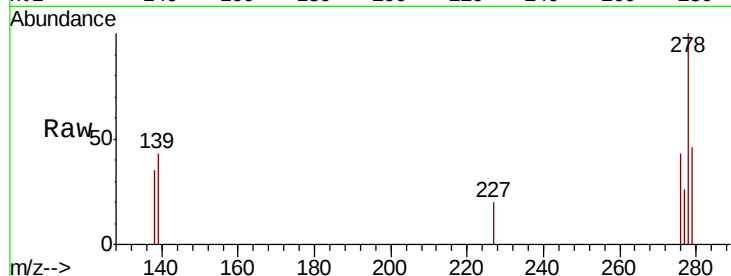




#25
Dibenzo(a,h)anthracene
Concen: 3.704 ng/ul
RT: 25.82 min Scan# 6226
Delta R.T. 0.08 min
Lab File: BN006555.D
Acq: 25 Jun 2019 05:16

Instrument :
BNA_N
ClientSampleId :
A4215

Tgt Ion: 278 Resp: 14886
Ion Ratio Lower Upper
278 100
139 43.1 21.2 31.8#
279 45.5 22.6 33.8#



#26
Benzo(g,h,i)perylene
Concen: 50.213 ng/ul
RT: 26.40 min Scan# 6400
Delta R.T. -0.02 min
Lab File: BN006555.D
Acq: 25 Jun 2019 05:16

Tgt Ion: 276 Resp: 211431
Ion Ratio Lower Upper
276 100
138 27.4 24.2 36.4
277 24.9 21.5 32.3

