

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007010.D
 Acq On : 08 Aug 2019 05:05
 Operator : HP/JU
 Sample : K3962-19
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Aug 08 07:49:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN080719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 17:30:08 2019
 Response via : Initial Calibration

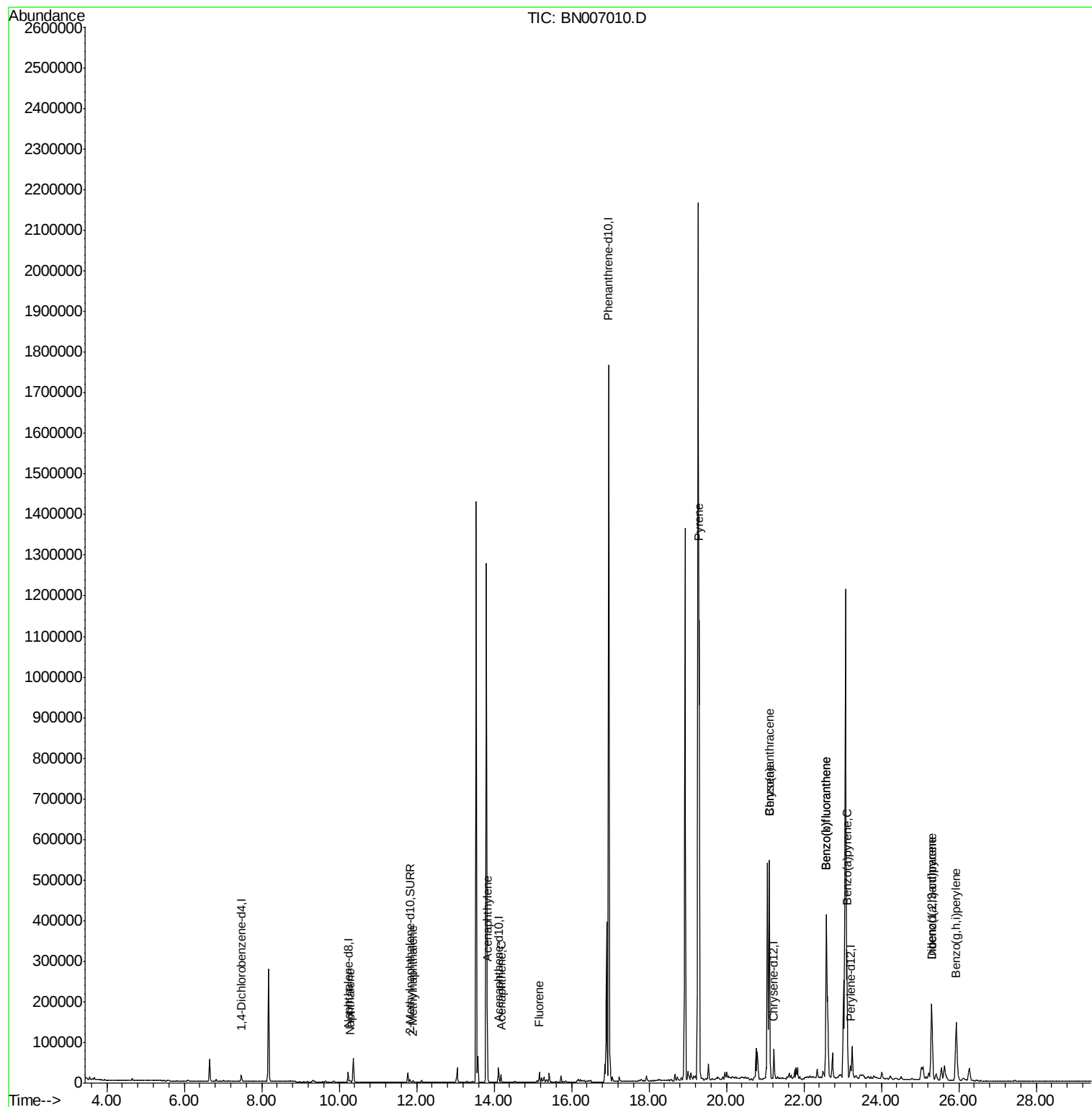
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	8306	0.40	ng/ul	0.00
2) Naphthalene-d8	10.23	136	33427	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.12	164	20553	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.96	188	2103468	0.40	ng/ul	0.10
16) Chrysene-d12	21.21	240	328	0.40	ng/ul	0.13
20) Perylene-d12	23.20	264	29782	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.83	152	10838	0.18	ng/ul	0.00
14) Fluoranthene-d10	19.01	212	1404	0.00	ng/ul	0.10
Target Compounds				Ovalue		
3) Naphthalene	10.28	128	7817	0.081	ng/ul	98
5) 2-Methylnaphthalene	11.91	142	3868	0.054	ng/ul	100
7) Acenaphthylene	13.83	152	20142	0.169	ng/ul	99
8) Acenaphthene	14.18	153	11695	0.144	ng/ul	99
9) Fluorene	15.17	166	16023	0.162	ng/ul	98
17) Pyrene	19.29	202	1018892	695.805	ng/ul	99
18) Benzo(a)anthracene	21.11	228	533242	370.090	ng/ul	95
19) Chrysene	21.11	228	533242	395.206	ng/ul	97
21) Benzo(b)fluoranthene	22.58	252	840426	6.961	ng/ul	100
22) Benzo(k)fluoranthene	22.58	252	840426	7.181	ng/ul	99
23) Benzo(a)pyrene	23.11	252	395230	3.477	ng/ul	99
24) Indeno(1,2,3-cd)pyrene	25.30	276	288958	2.358	ng/ul	92
25) Dibenzo(a,h)anthracene	25.31	278	68132	0.696	ng/ul#	91
26) Benzo(g,h,i)perylene	25.93	276	286582	2.788	ng/ul	98

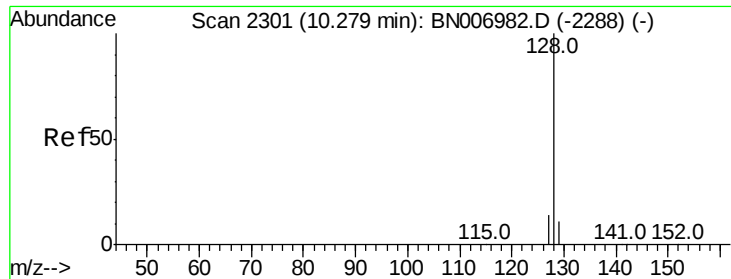
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Aug 07 17:30:08 2019
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#3

Naphthalene

Concen: 0.081 ng/ul

RT: 10.28 min Scan# 2301

Delta R.T. -0.00 min

Lab File: BN007010.D

Acq: 08 Aug 2019 05:05

Instrument :

BNA_N

ClientSampleId :

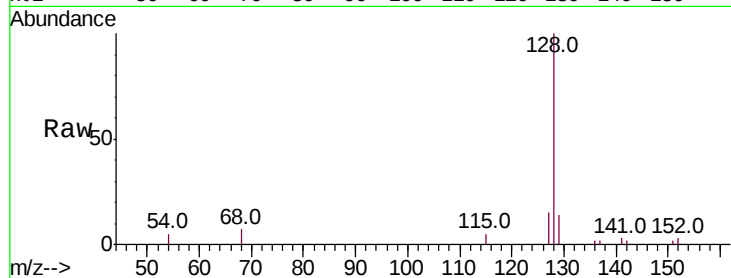
Tot Ion:128 Resp: 7817

Ion Ratio Lower Upper

128 100

129 13.8 10.0 15.0

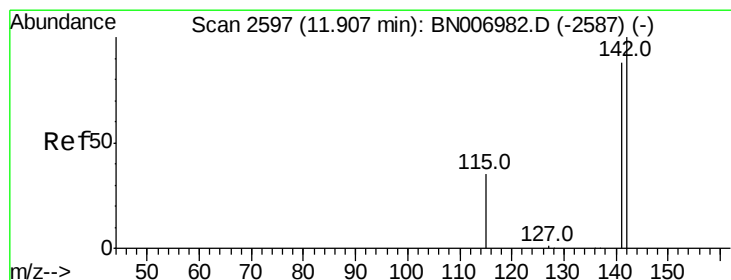
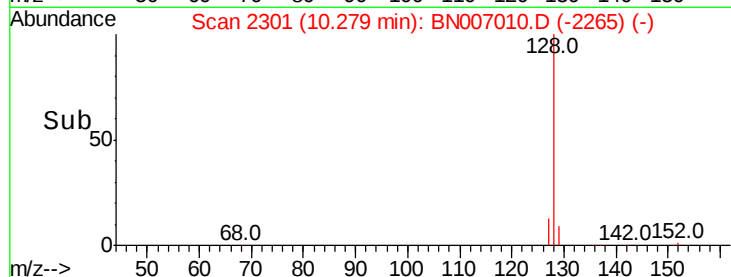
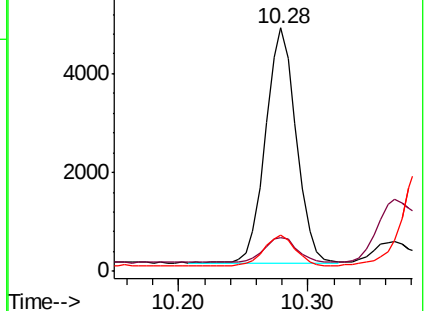
127 14.9 11.7 17.5



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: 0.054 ng/ul

RT: 11.91 min Scan# 2597

Delta R.T. -0.00 min

Lab File: BN007010.D

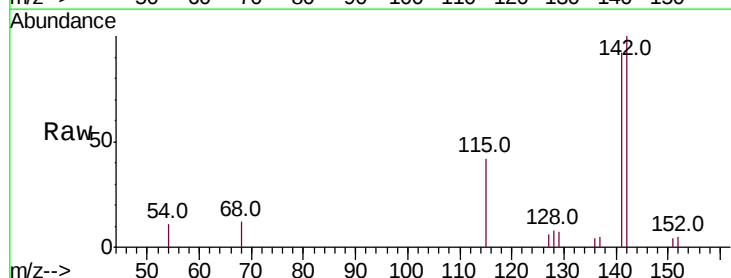
Acq: 08 Aug 2019 05:05

Tgt Ion:142 Resp: 3868

Ion Ratio Lower Upper

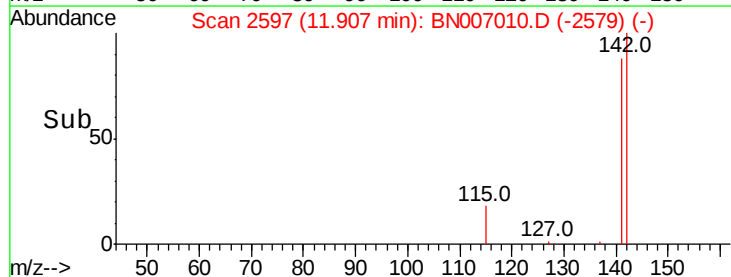
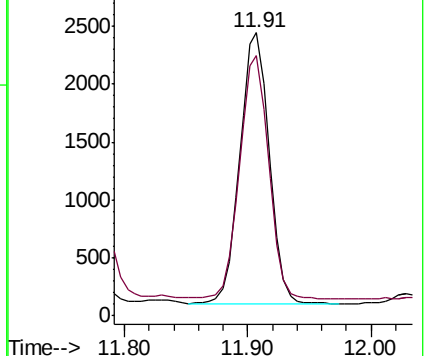
142 100

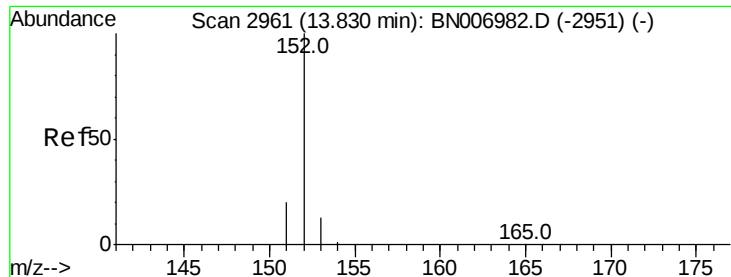
141 88.6 71.0 106.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.169 ng/ul

RT: 13.83 min Scan# 2961

Delta R.T. -0.00 min

Lab File: BN007010.D

Acq: 08 Aug 2019 05:05

Instrument :

BNA_N

ClientSampleId :

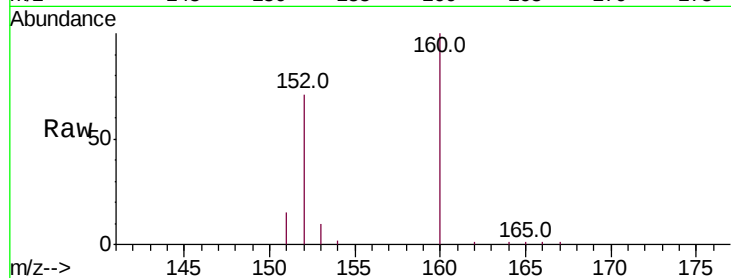
Tot Ion:152 Resp: 20142

Ion Ratio Lower Upper

152 100

151 20.6 16.3 24.5

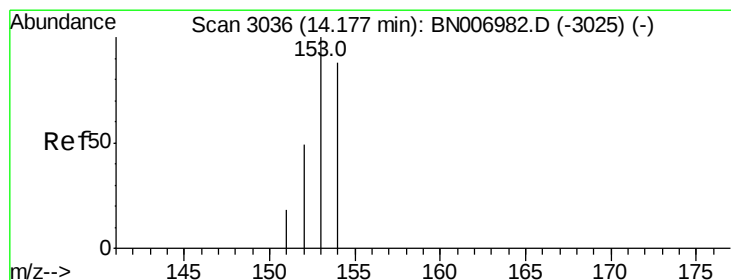
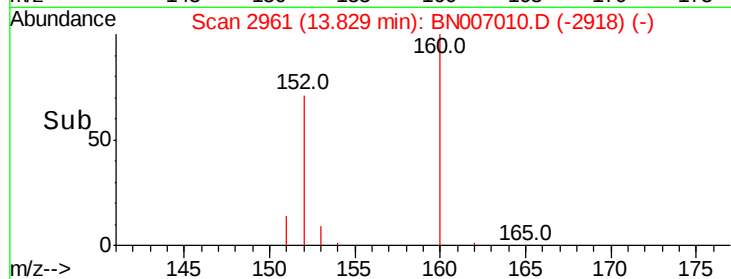
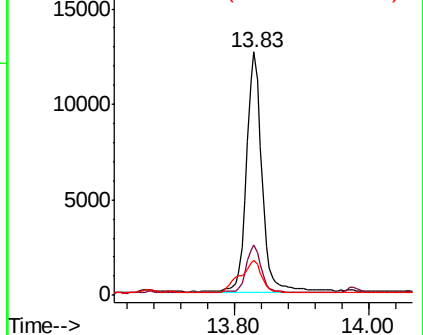
153 14.2 11.0 16.4



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



#8

Acenaphthene

Concen: 0.144 ng/ul

RT: 14.18 min Scan# 3036

Delta R.T. -0.00 min

Lab File: BN007010.D

Acq: 08 Aug 2019 05:05

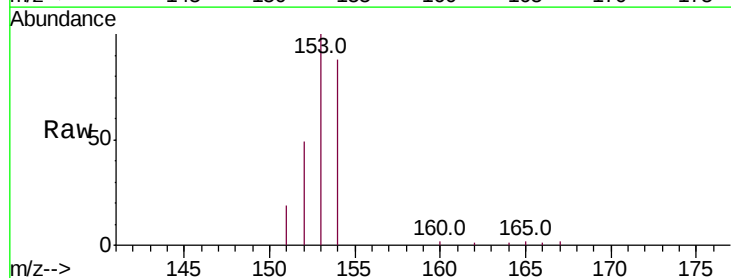
Tgt Ion:153 Resp: 11695

Ion Ratio Lower Upper

153 100

152 49.1 39.4 59.2

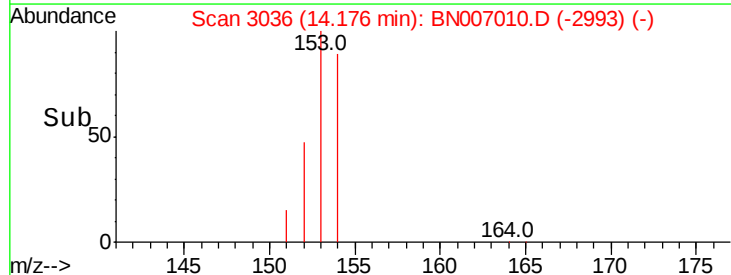
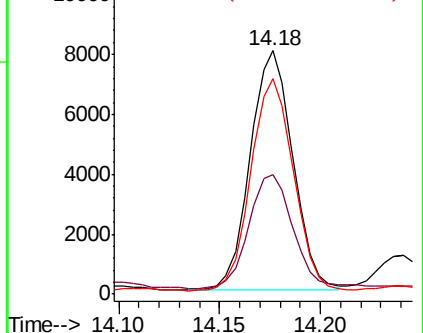
154 88.3 70.1 105.1

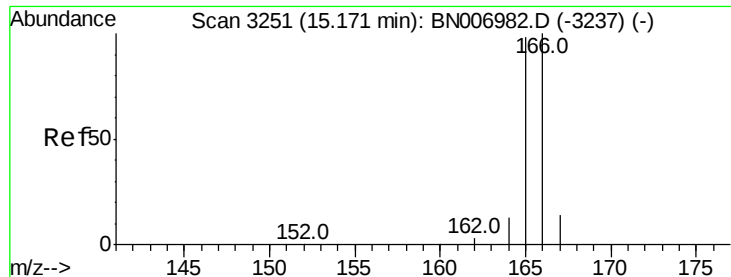


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

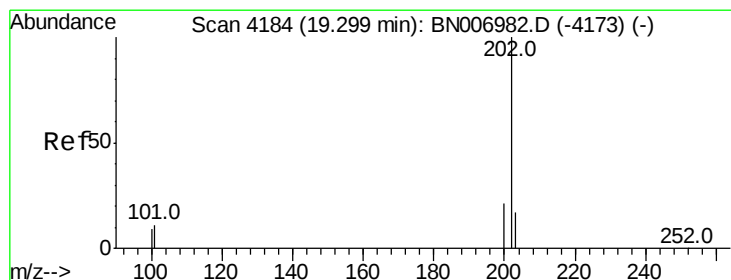
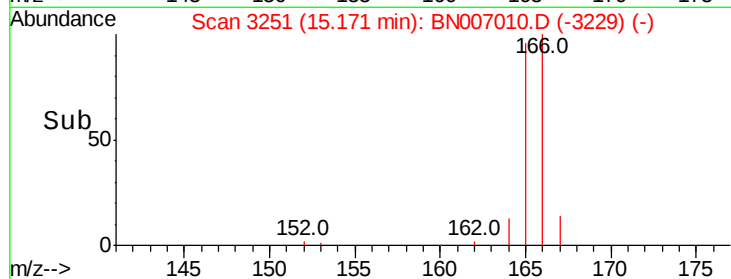
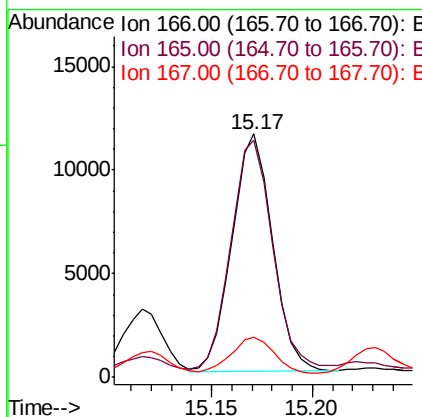
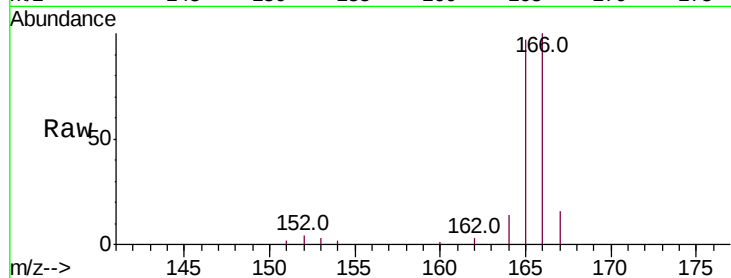




#9
Fluorene
 Concen: 0.162 ng/ul
 RT: 15.17 min Scan# 3251
 Delta R.T. -0.00 min
 Lab File: BN007010.D
 Acq: 08 Aug 2019 05:05

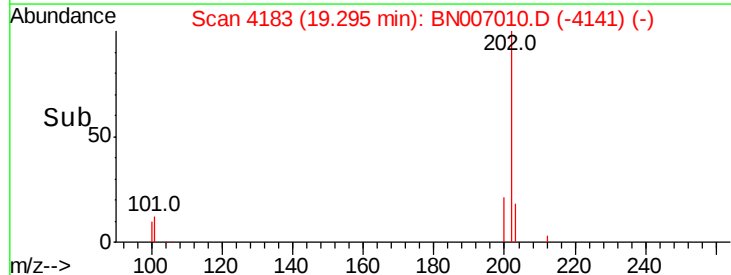
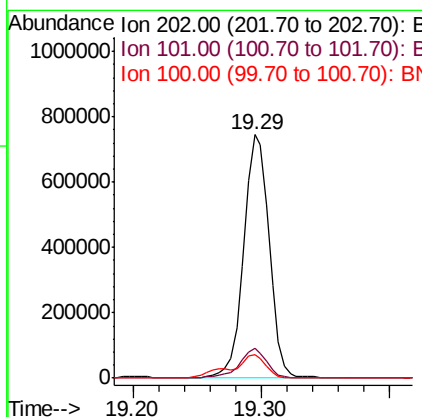
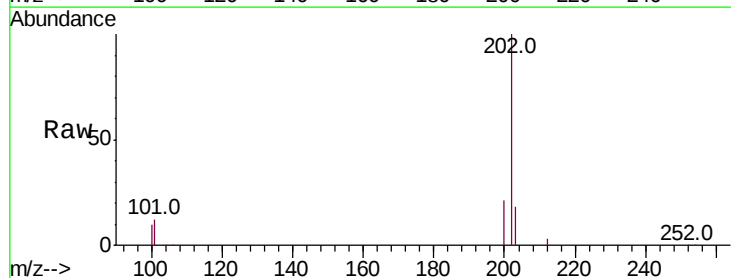
Instrument :
 BNA_N
 ClientSampleId :

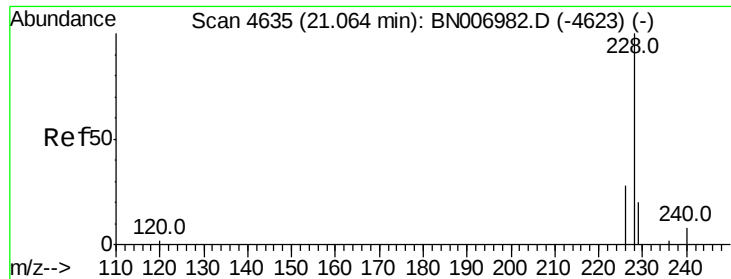
Tot Ion:166 Resp: 16023
 Ion Ratio Lower Upper
 166 100
 165 97.3 78.8 118.2
 167 16.3 11.3 16.9



#17
Pyrene
 Concen: 695.805 ng/ul
 RT: 19.29 min Scan# 4183
 Delta R.T. -0.00 min
 Lab File: BN007010.D
 Acq: 08 Aug 2019 05:05

Tgt Ion:202 Resp: 1018892
 Ion Ratio Lower Upper
 202 100
 101 12.2 9.3 13.9
 100 9.6 7.3 10.9





#18

Benzo(a)anthracene

Concen: 370.090 ng/ul

RT: 21.11 min Scan# 4650

Delta R.T. 0.05 min

Lab File: BN007010.D

Acq: 08 Aug 2019 05:05

Instrument :

BNA_N

ClientSampled :

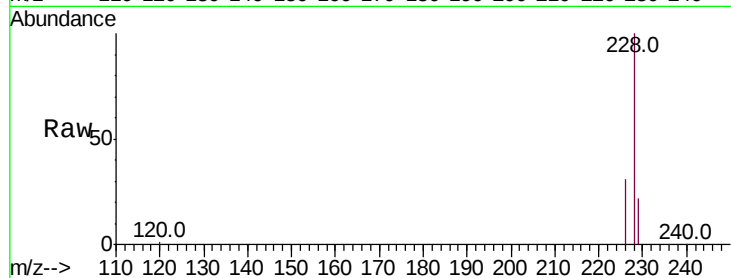
Tot Ion:228 Resp: 533242

Ion Ratio Lower Upper

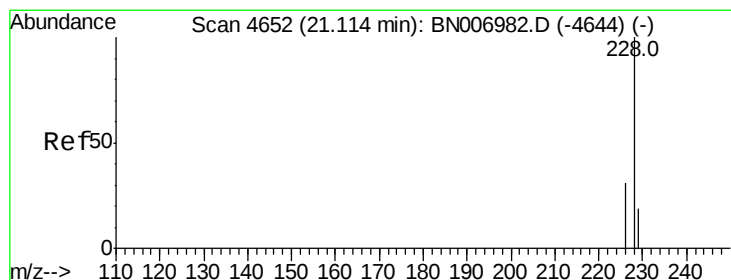
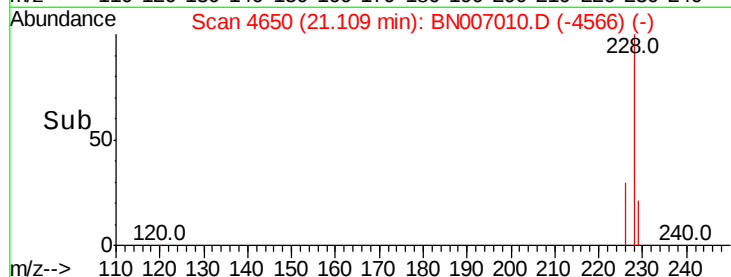
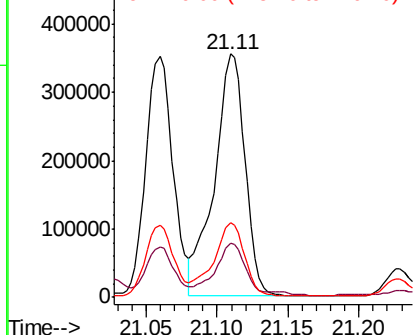
228 100

229 22.3 15.9 23.9

226 30.7 22.2 33.4



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: 395.206 ng/ul

RT: 21.11 min Scan# 4650

Delta R.T. -0.00 min

Lab File: BN007010.D

Acq: 08 Aug 2019 05:05

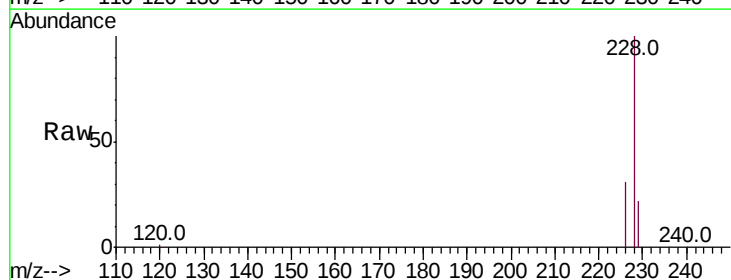
Tgt Ion:228 Resp: 533242

Ion Ratio Lower Upper

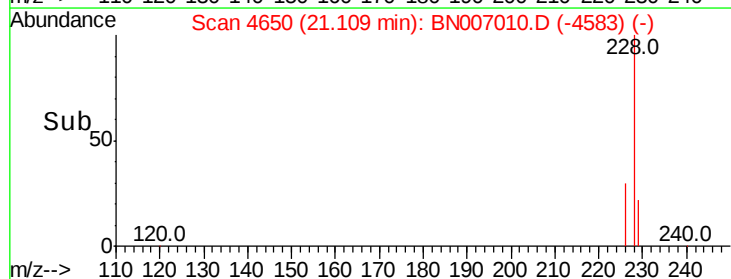
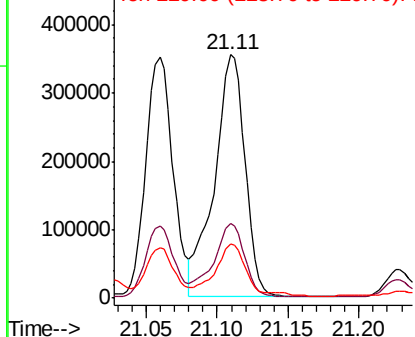
228 100

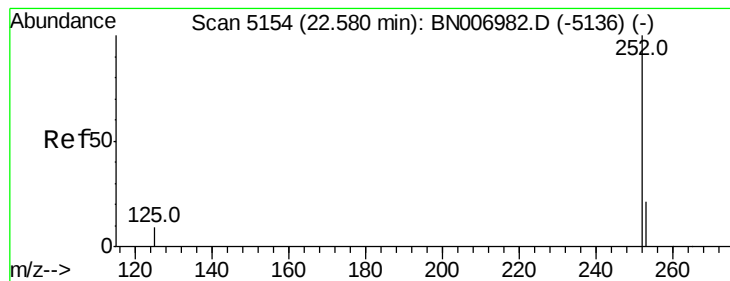
226 30.7 24.7 37.1

229 22.3 15.5 23.3



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: 6.961 ng/ul

RT: 22.58 min Scan# 5153

Delta R.T. -0.00 min

Lab File: BN007010.D

Acq: 08 Aug 2019 05:05

Instrument :

BNA_N

ClientSampleId :

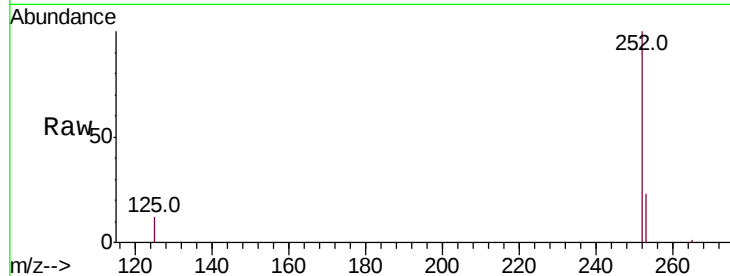
Tot Ion:252 Resp: 840426

Ion Ratio Lower Upper

252 100

253 22.6 0.0 45.2

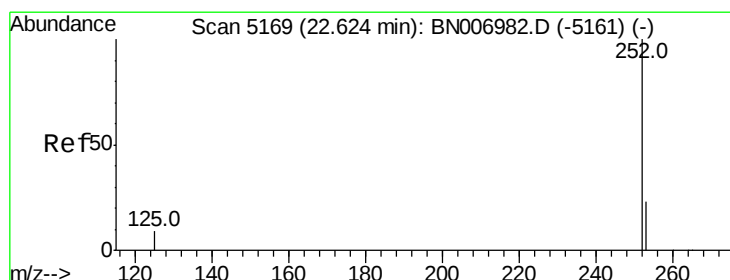
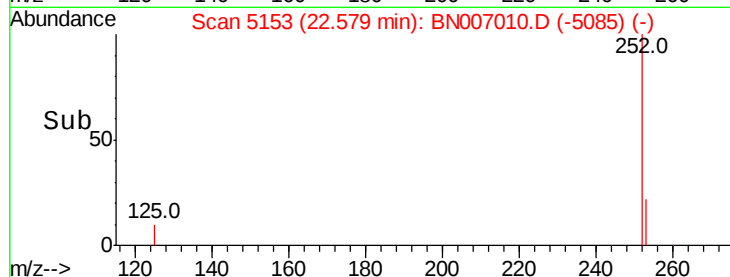
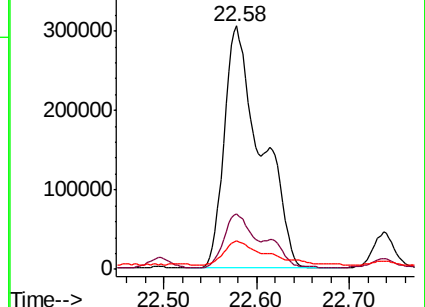
125 11.6 0.0 22.2



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: 7.181 ng/ul

RT: 22.58 min Scan# 5153

Delta R.T. -0.05 min

Lab File: BN007010.D

Acq: 08 Aug 2019 05:05

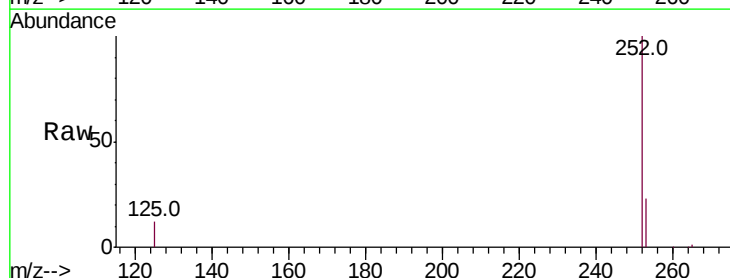
Tgt Ion:252 Resp: 840426

Ion Ratio Lower Upper

252 100

253 22.6 18.6 28.0

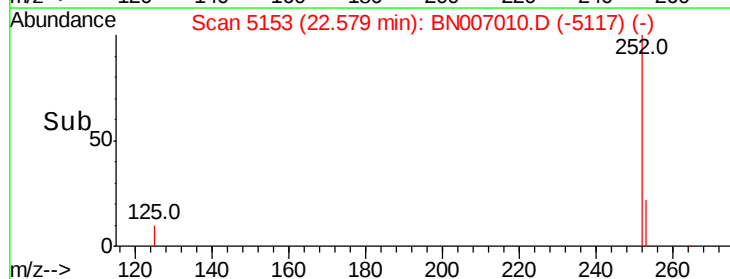
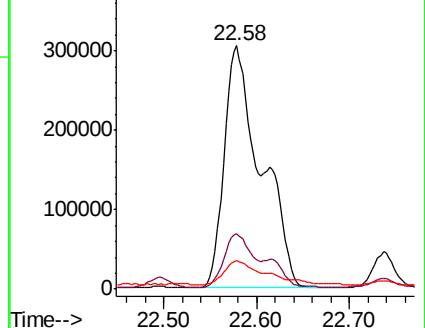
125 11.6 8.7 13.1

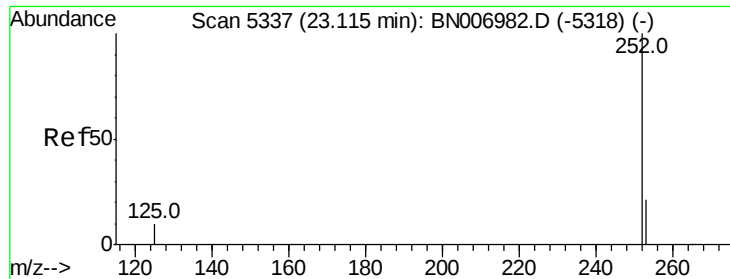


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 3.477 ng/ul

RT: 23.11 min Scan# 5336

Delta R.T. -0.00 min

Lab File: BN007010.D

Acq: 08 Aug 2019 05:05

Instrument :

BNA_N

ClientSampleId :

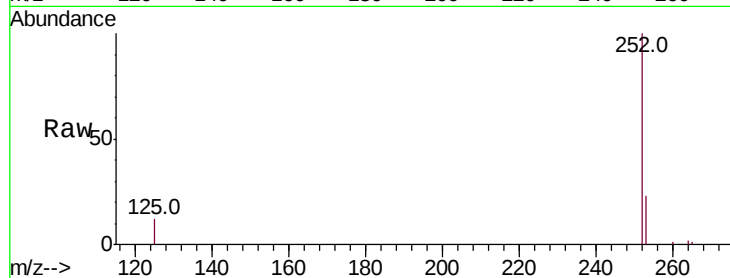
Tot Ion:252 Resp: 395230

Ion Ratio Lower Upper

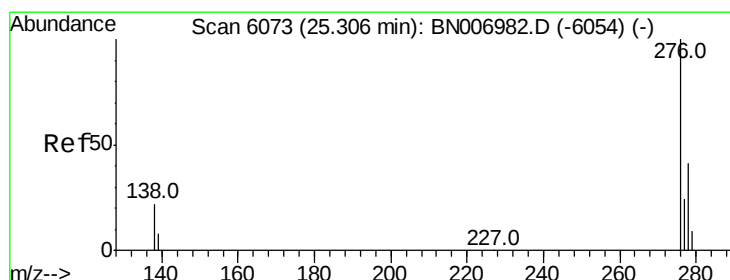
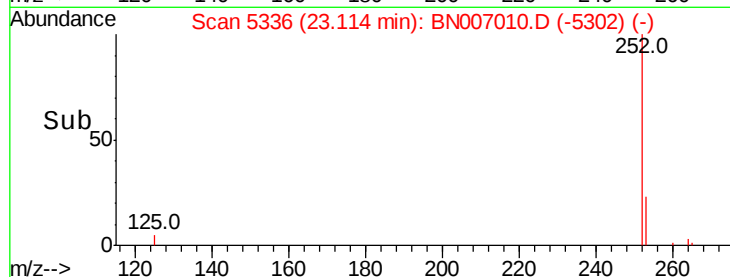
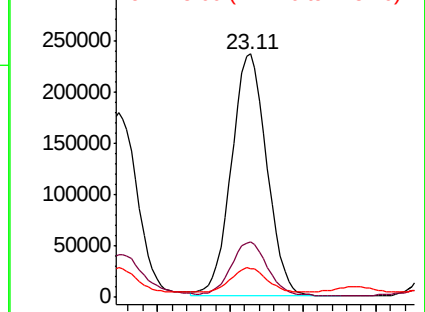
252 100

253 22.8 18.0 27.0

125 12.0 10.0 15.0



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 2.358 ng/ul

RT: 25.30 min Scan# 6071

Delta R.T. -0.01 min

Lab File: BN007010.D

Acq: 08 Aug 2019 05:05

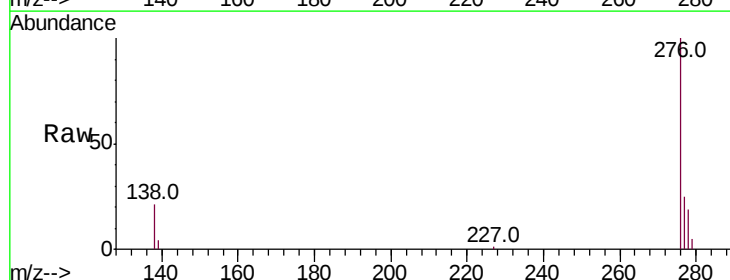
Tgt Ion:276 Resp: 288958

Ion Ratio Lower Upper

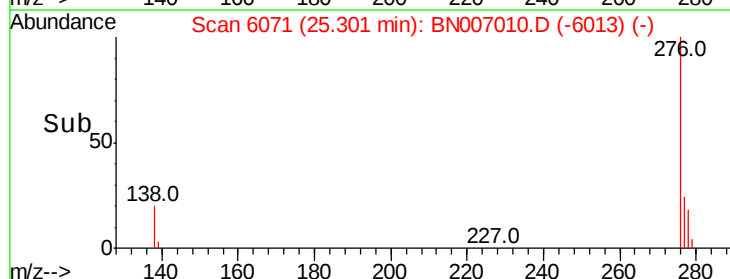
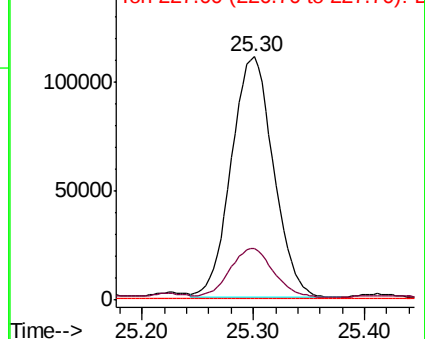
276 100

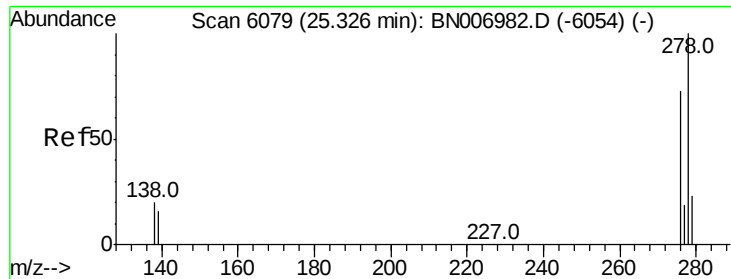
138 21.0 19.9 29.9

227 0.2 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



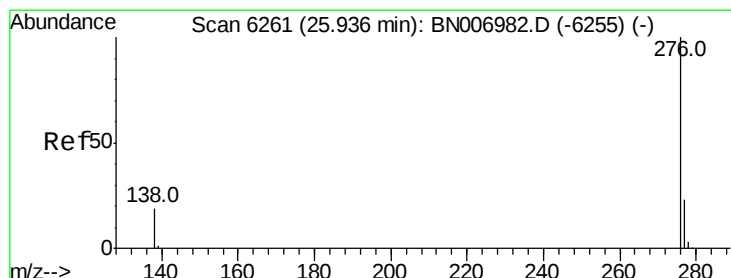
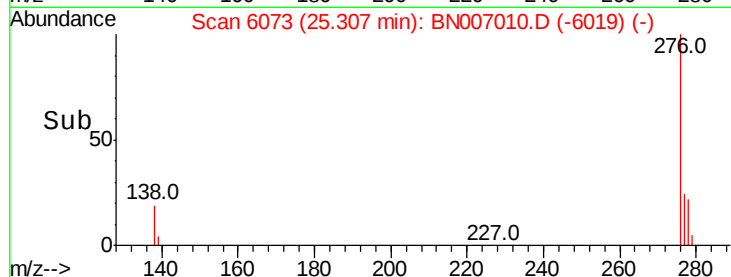
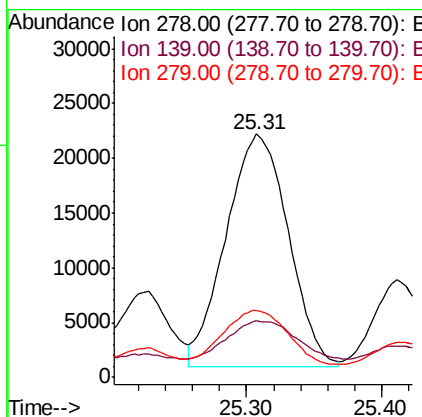
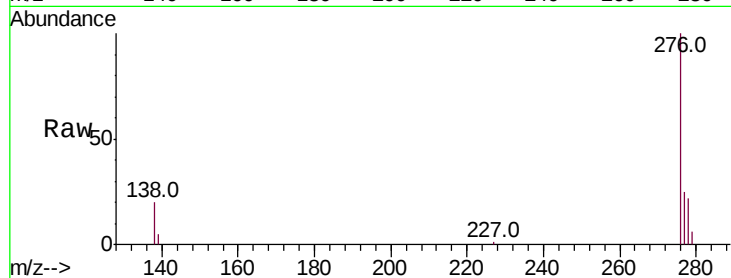


#25

Dibenzo(a,h)anthracene
 Concen: 0.696 ng/ul
 RT: 25.31 min Scan# 6073
 Delta R.T. -0.02 min
 Lab File: BN007010.D
 Acq: 08 Aug 2019 05:05

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:278 Resp: 68132
 Ion Ratio Lower Upper
 278 100
 139 23.2 14.3 21.5#
 279 27.7 19.6 29.4



#26

Benzo(g,h,i)perylene
 Concen: 2.788 ng/ul
 RT: 25.93 min Scan# 6260
 Delta R.T. -0.00 min
 Lab File: BN007010.D
 Acq: 08 Aug 2019 05:05

Tgt Ion:276 Resp: 286582
 Ion Ratio Lower Upper
 276 100
 138 21.8 18.7 28.1
 277 24.3 19.3 28.9

