

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120219\
 Data File : BN008819.D
 Acq On : 02 Dec 2019 17:54
 Operator : JU
 Sample : K5851-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 03 00:14:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 02 12:46:36 2019
 Response via : Initial Calibration

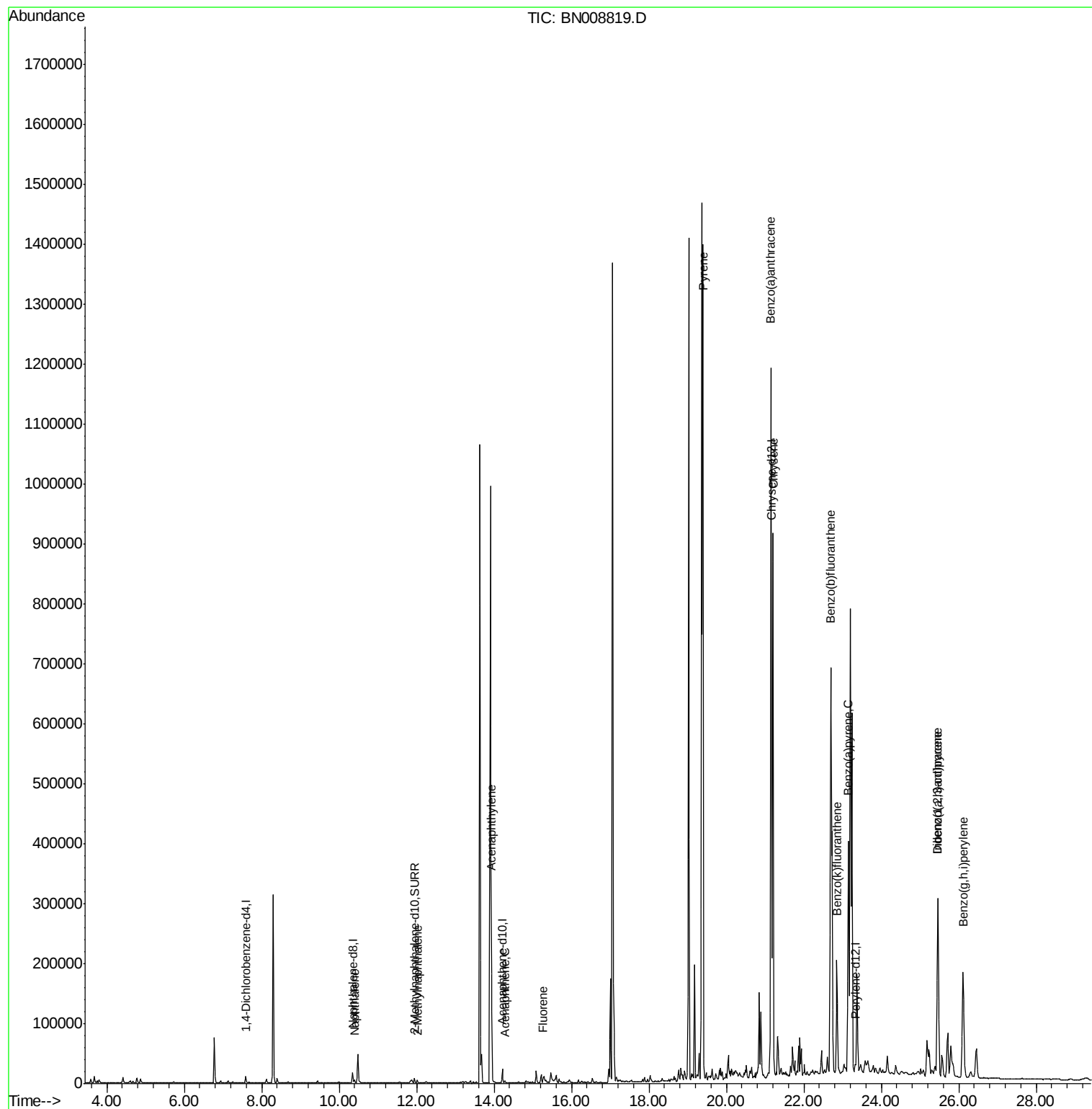
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	5166	0.40	ng/ul	0.00
2) Naphthalene-d8	10.35	136	21084	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.21	164	12099	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-16.95
16) Chrysene-d12	21.17	240	16266	0.40	ng/ul	0.01
20) Perylene-d12	23.33	264	16070	0.40	ng/ul	0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.94	152	9023	0.26	ng/ul	0.00
14) Fluoranthene-d10	19.00	212	20920	0.00	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.39	128	6287	0.099	ng/ul	97
5) 2-Methylnaphthalene	12.02	142	3870	0.087	ng/ul	99
7) Acenaphthylene	13.93	152	255931	3.826	ng/ul	99
8) Acenaphthene	14.28	153	2568	0.052	ng/ul#	93
9) Fluorene	15.27	166	10750	0.184	ng/ul#	92
17) Pyrene	19.39	202	1059085	16.230	ng/ul	98
18) Benzo(a)anthracene	21.15	228	1016805	15.544	ng/ul	94
19) Chrysene	21.20	228	858384	13.360	ng/ul	98
21) Benzo(b)fluoranthene	22.69	252	1512158	22.819	ng/ul	95
22) Benzo(k)fluoranthene	22.85	252	233384	3.551	ng/ul	97
23) Benzo(a)pyrene	23.15	252	342652	5.509	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	25.46	276	414240	5.694	ng/ul	91
25) Dibenzo(a,h)anthracene	25.47	278	122759	2.089	ng/ul	96
26) Benzo(g,h,i)perylene	26.11	276	351704	5.780	ng/ul	98

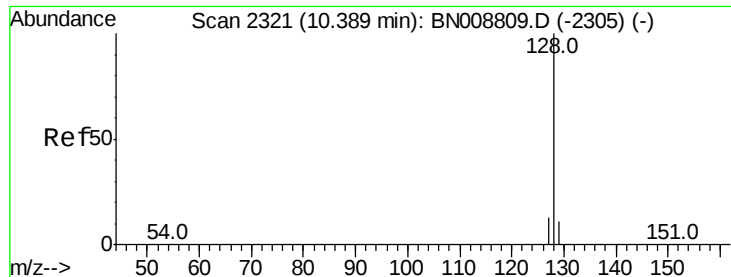
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120219\
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 02 12:46:36 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.099 ng/ul

RT: 10.39 min Scan# 2322

Delta R.T. 0.01 min

Lab File: BN008819.D

Acq: 02 Dec 2019 17:54

Instrument :

BNA_N

ClientSampleId :

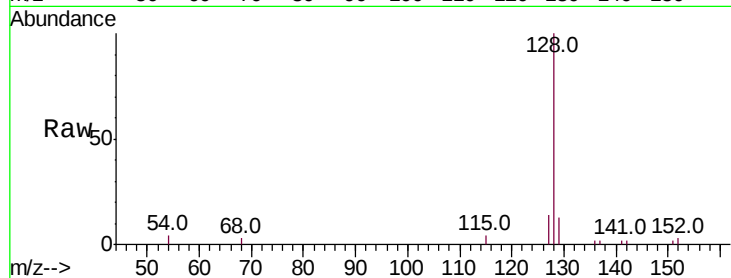
Tot Ion:128 Resp: 6287

Ion Ratio Lower Upper

128 100

129 13.1 9.1 13.7

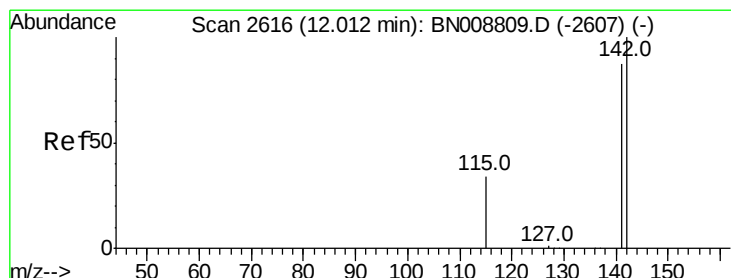
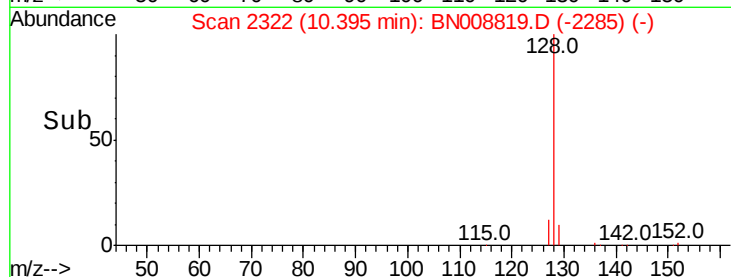
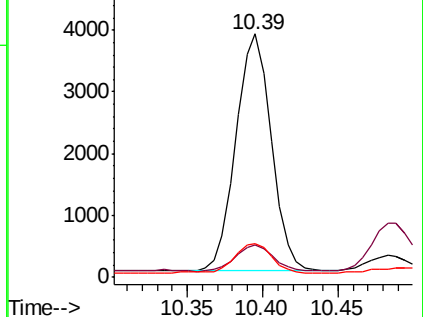
127 13.9 10.7 16.1



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: 0.087 ng/ul

RT: 12.02 min Scan# 2617

Delta R.T. 0.01 min

Lab File: BN008819.D

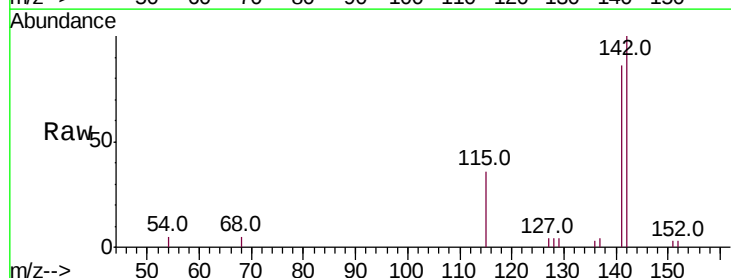
Acq: 02 Dec 2019 17:54

Tgt Ion:142 Resp: 3870

Ion Ratio Lower Upper

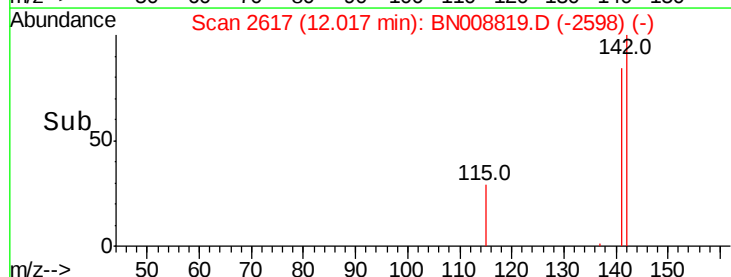
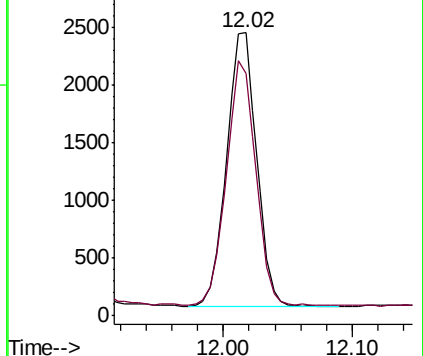
142 100

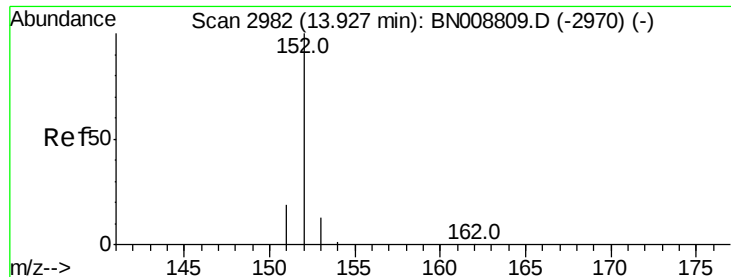
141 86.9 70.1 105.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 3.826 ng/ul

RT: 13.93 min Scan# 2983

Delta R.T. 0.00 min

Lab File: BN008819.D

Acq: 02 Dec 2019 17:54

Instrument :

BNA_N

ClientSampleId :

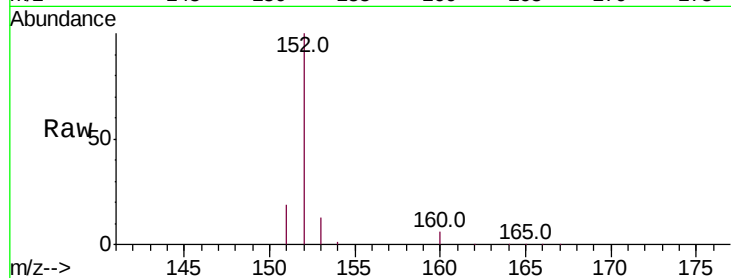
Tot Ion:152 Resp: 255931

Ion Ratio Lower Upper

152 100

151 19.1 15.8 23.6

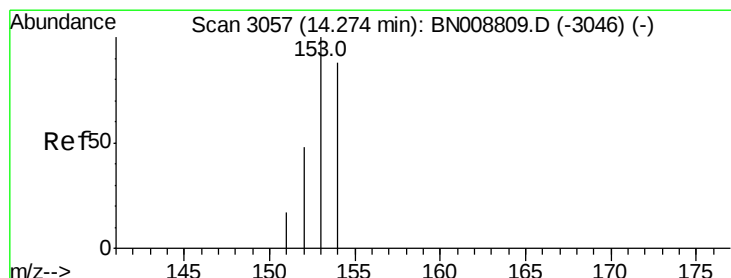
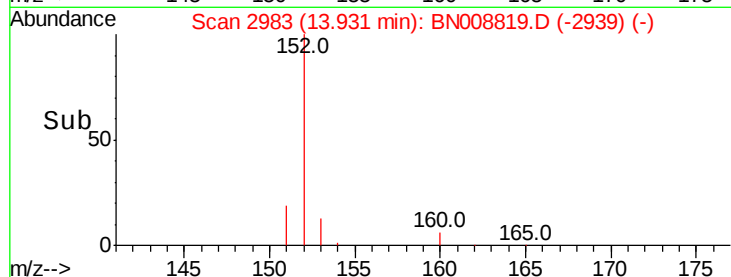
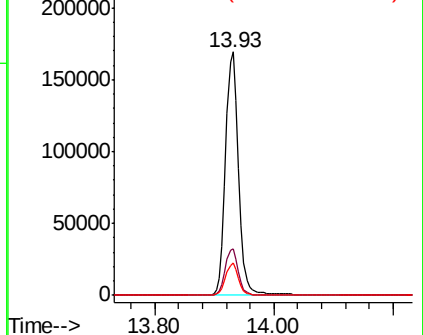
153 13.2 10.6 15.8



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: 0.052 ng/ul

RT: 14.28 min Scan# 3058

Delta R.T. 0.00 min

Lab File: BN008819.D

Acq: 02 Dec 2019 17:54

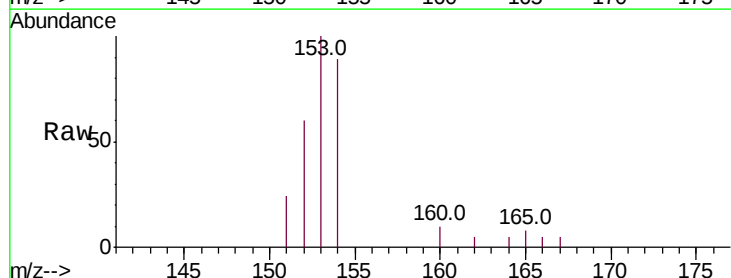
Tgt Ion:153 Resp: 2568

Ion Ratio Lower Upper

153 100

152 60.3 38.6 58.0#

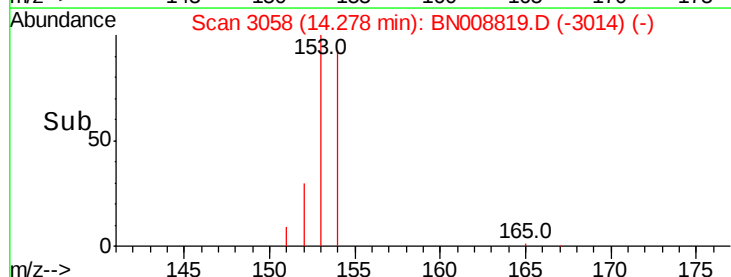
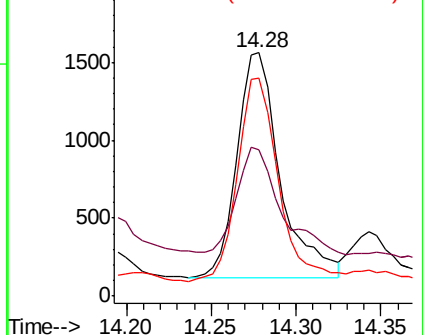
154 89.4 70.6 105.8

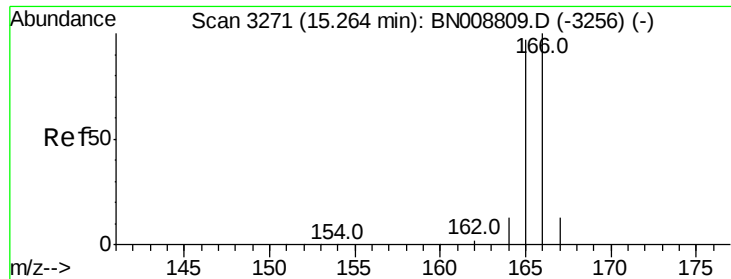


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

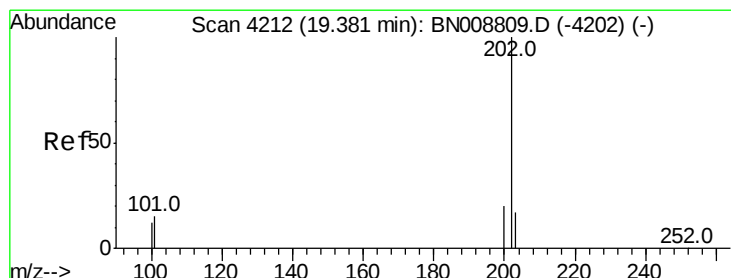
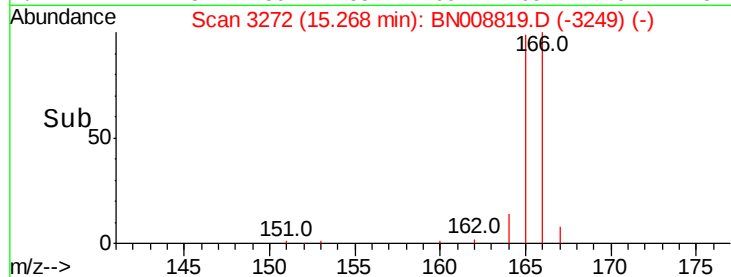
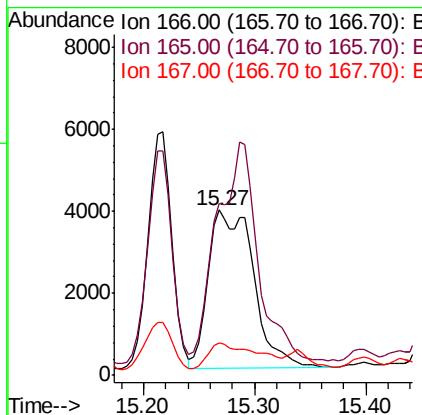
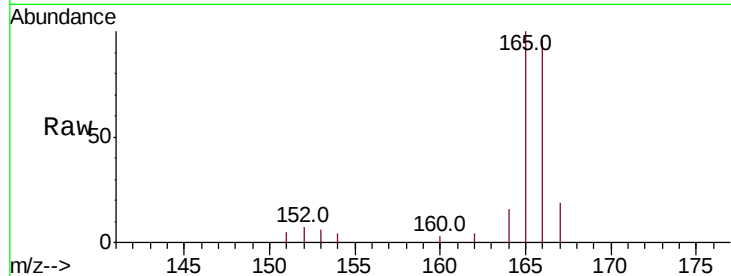




#9
Fluorene
 Concen: 0.184 ng/ul
 RT: 15.27 min Scan# 3272
 Delta R.T. 0.00 min
 Lab File: BN008819.D
 Acq: 02 Dec 2019 17:54

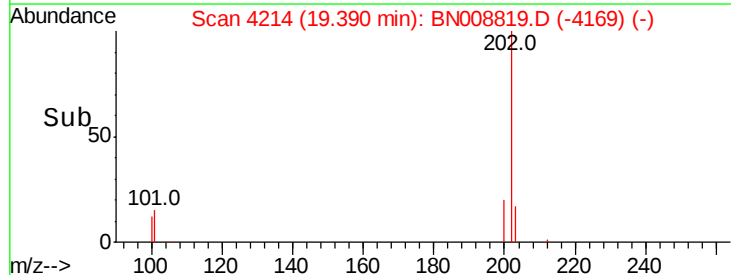
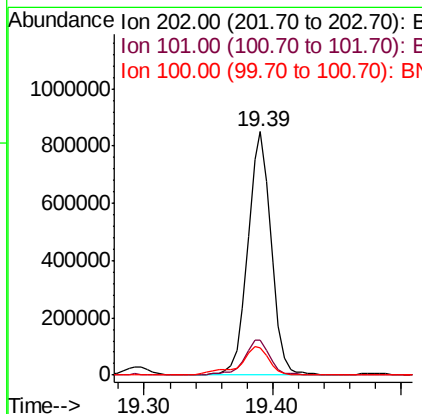
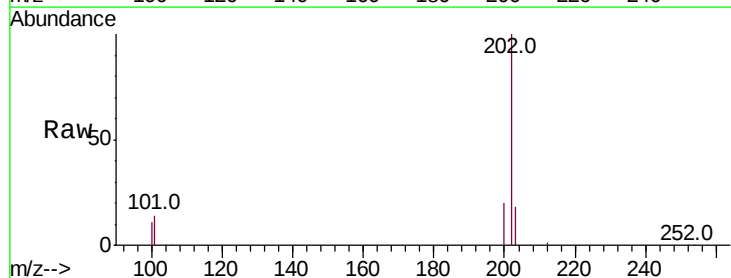
Instrument :
 BNA_N
 ClientSampleId :

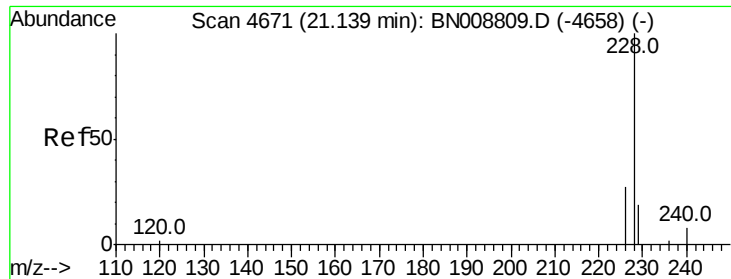
Tot Ion:166 Resp: 10750
 Ion Ratio Lower Upper
 166 100
 165 103.9 77.7 116.5
 167 19.6 11.1 16.7#



#17
Pyrene
 Concen: 16.230 ng/ul
 RT: 19.39 min Scan# 4214
 Delta R.T. 0.01 min
 Lab File: BN008819.D
 Acq: 02 Dec 2019 17:54

Tgt Ion:202 Resp: 1059085
 Ion Ratio Lower Upper
 202 100
 101 14.3 12.2 18.4
 100 11.4 9.5 14.3





#18

Benzo(a)anthracene

Concen: 15.544 ng/ul

RT: 21.15 min Scan# 4674

Delta R.T. 0.01 min

Lab File: BN008819.D

Acq: 02 Dec 2019 17:54

Instrument :

BNA_N

ClientSampleId :

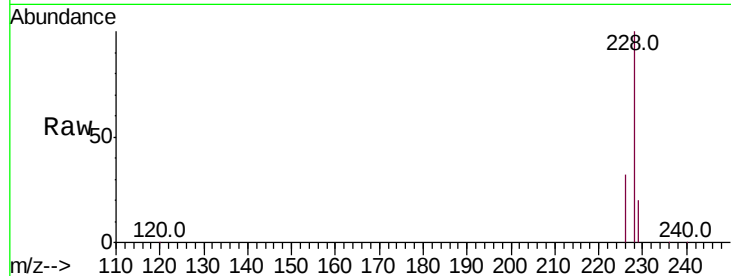
Tot Ion:228 Resp: 1016805

Ion Ratio Lower Upper

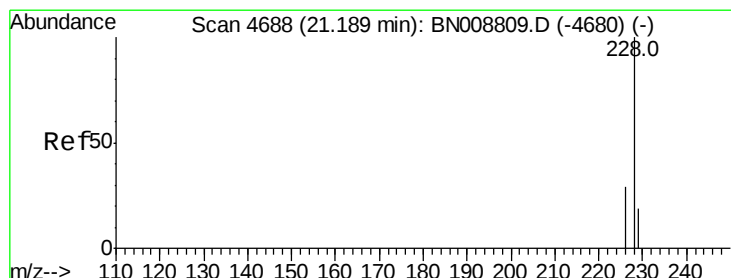
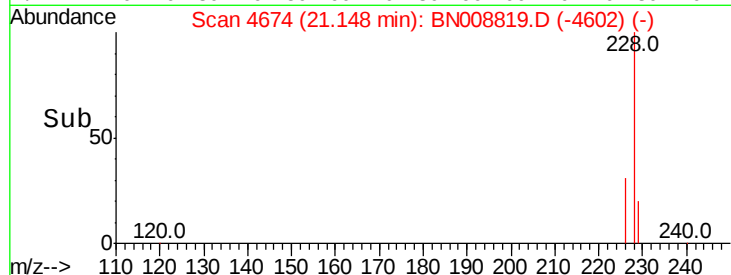
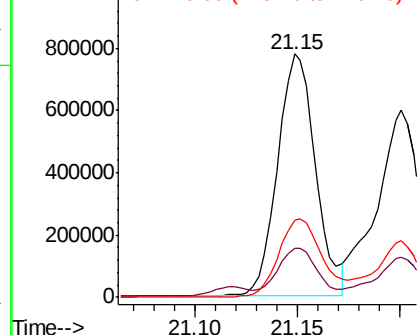
228 100

229 20.2 15.7 23.5

226 31.7 21.5 32.3



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: 13.360 ng/ul

RT: 21.20 min Scan# 4692

Delta R.T. 0.01 min

Lab File: BN008819.D

Acq: 02 Dec 2019 17:54

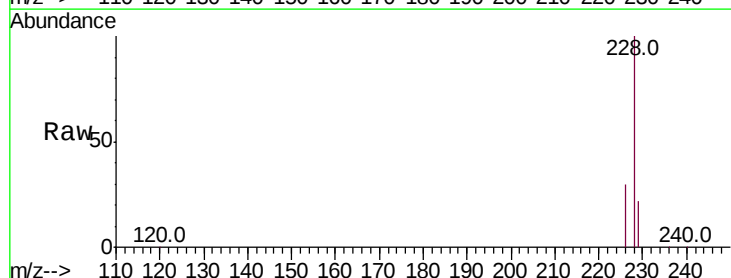
Tgt Ion:228 Resp: 858384

Ion Ratio Lower Upper

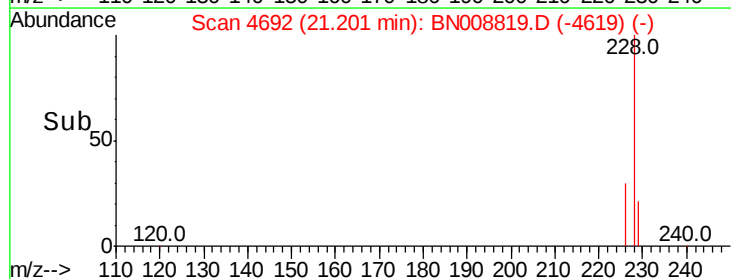
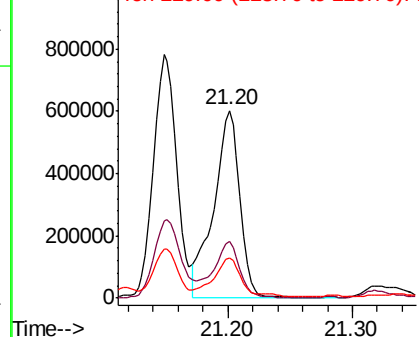
228 100

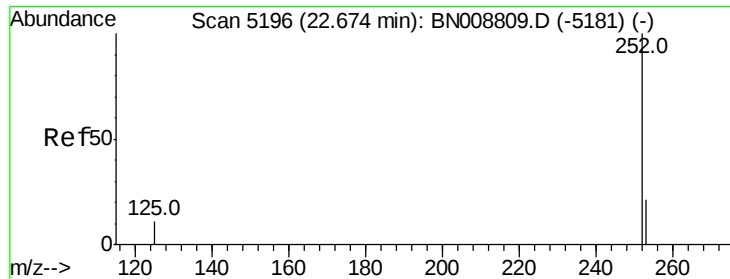
226 30.1 23.8 35.6

229 21.7 15.6 23.4



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

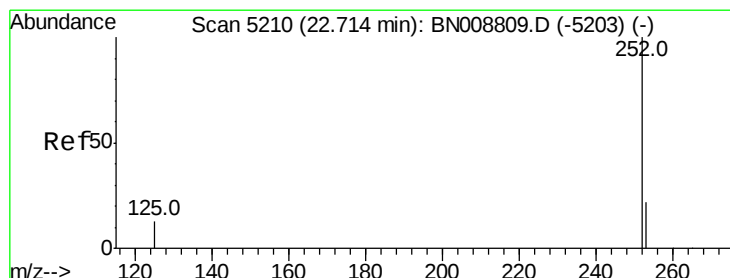
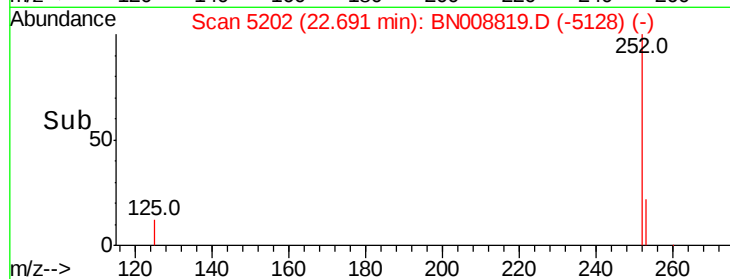
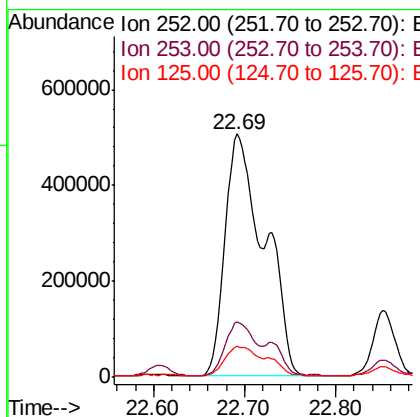
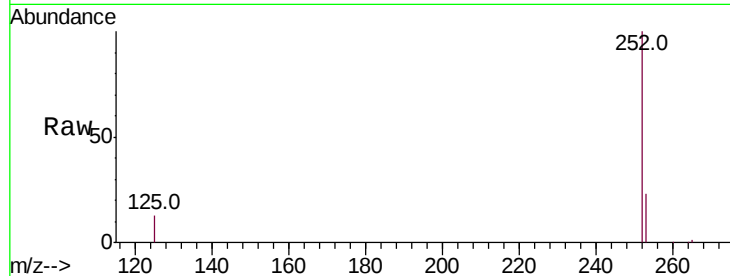




#21
Benzo(b)fluoranthene
Concen: 22.819 ng/u1
RT: 22.69 min Scan# 5202
Delta R.T. 0.02 min
Lab File: BN008819.D
Acq: 02 Dec 2019 17:54

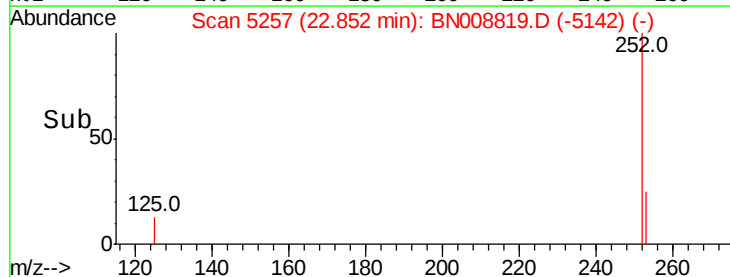
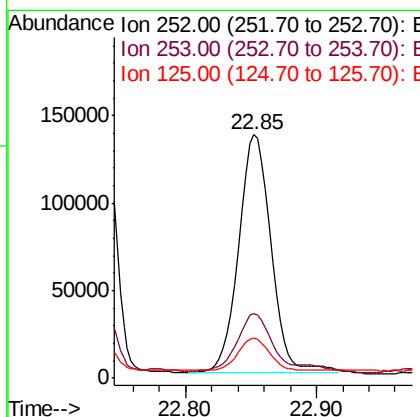
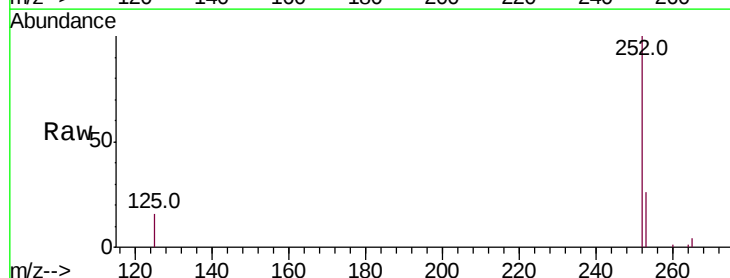
Instrument :
BNA_N
ClientSampleId :

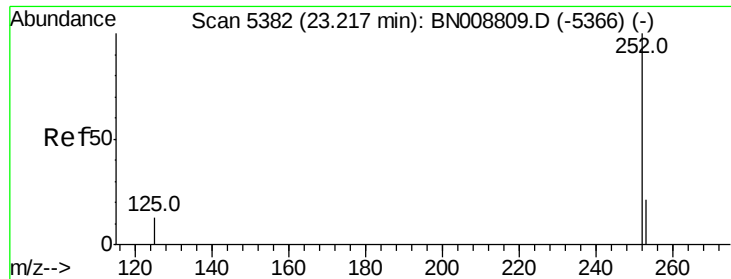
Tot Ion:252 Resp: 1512158
Ion Ratio Lower Upper
252 100
253 22.8 0.0 48.6
125 12.5 0.0 31.6



#22
Benzo(k)fluoranthene
Concen: 3.551 ng/u1
RT: 22.85 min Scan# 5257
Delta R.T. 0.14 min
Lab File: BN008819.D
Acq: 02 Dec 2019 17:54

Tgt Ion:252 Resp: 233384
Ion Ratio Lower Upper
252 100
253 26.4 19.6 29.4
125 16.4 13.8 20.6





#23

Benzo(a)pyrene

Concen: 5.509 ng/ul

RT: 23.15 min Scan# 5358

Delta R.T. -0.07 min

Lab File: BN008819.D

Acq: 02 Dec 2019 17:54

Instrument :

BNA_N

ClientSampleId :

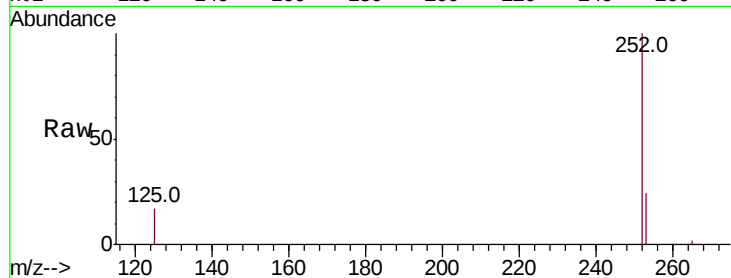
Tot Ion:252 Resp: 342652

Ion Ratio Lower Upper

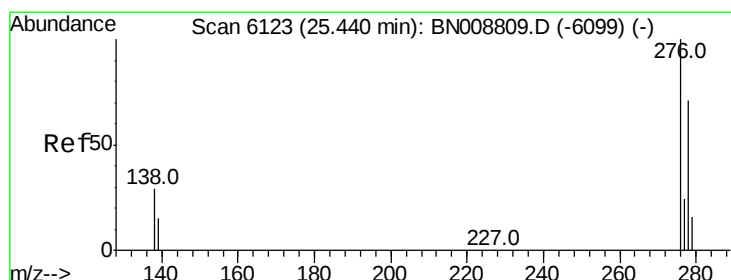
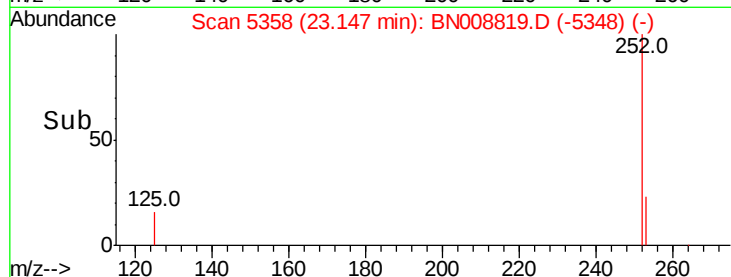
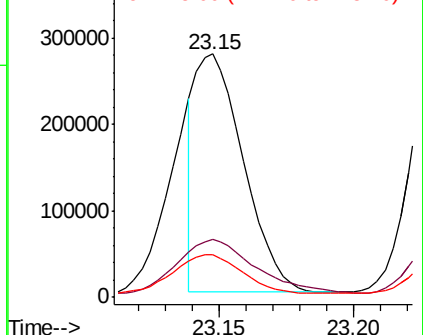
252 100

253 23.7 19.9 29.9

125 17.5 14.6 22.0



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: 5.694 ng/ul

RT: 25.46 min Scan# 6129

Delta R.T. 0.02 min

Lab File: BN008819.D

Acq: 02 Dec 2019 17:54

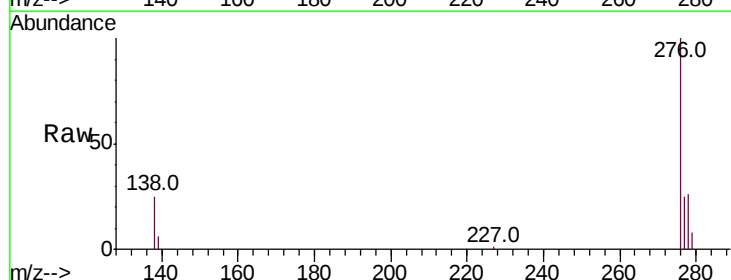
Tgt Ion:276 Resp: 414240

Ion Ratio Lower Upper

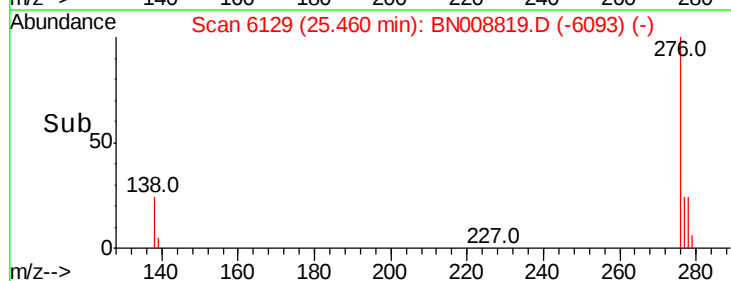
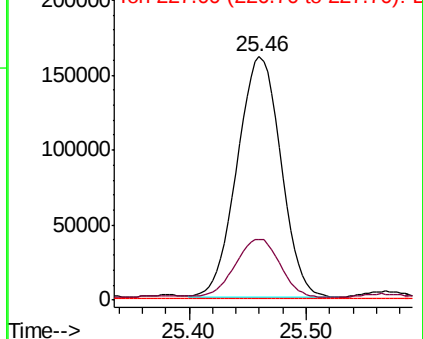
276 100

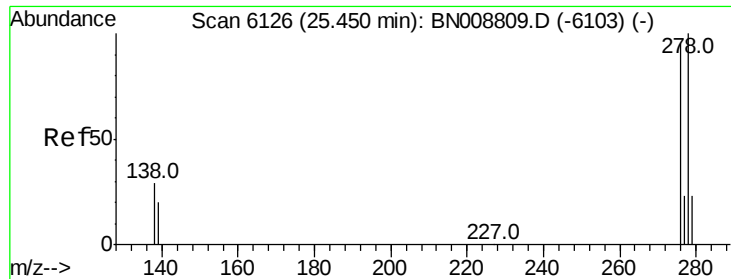
138 25.1 23.8 35.6

227 0.2 0.2 0.2



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



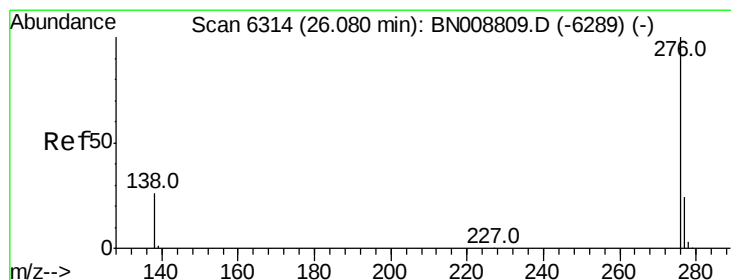
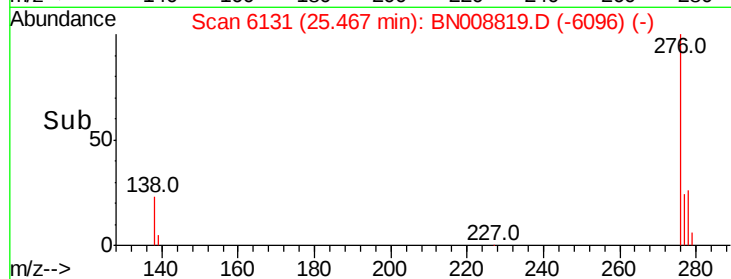
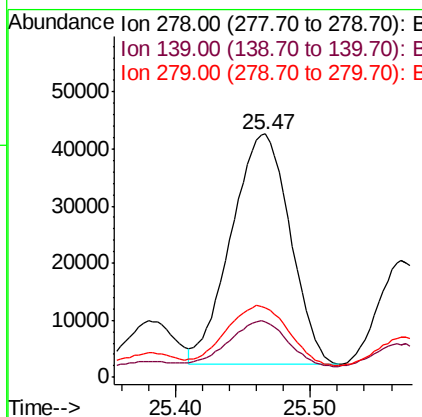
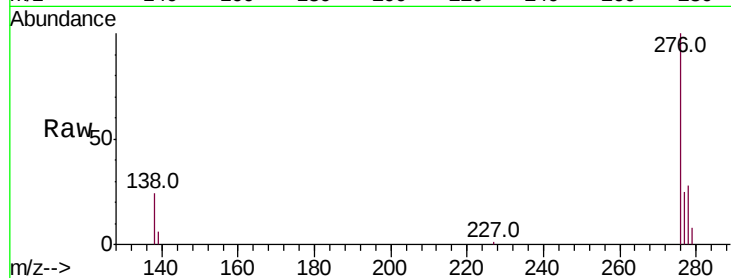


#25
Dibenzo(a,h)anthracene
Concen: 2.089 ng/ul
RT: 25.47 min Scan# 6131
Delta R.T. 0.02 min
Lab File: BN008819.D
Acq: 02 Dec 2019 17:54

Instrument :
BNA_N
ClientSampleId :

Tot Ion:278 Resp: 122759

Ion	Ratio	Lower	Upper
278	100		
139	22.8	17.4	26.0
279	28.7	20.5	30.7



#26
Benzo(g,h,i)perylene
Concen: 5.780 ng/ul
RT: 26.11 min Scan# 6324
Delta R.T. 0.03 min
Lab File: BN008819.D
Acq: 02 Dec 2019 17:54

Tgt Ion:276 Resp: 351704

Ion	Ratio	Lower	Upper
276	100		
138	25.4	21.9	32.9
277	24.8	19.9	29.9

