

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031618\
 Data File : BN000443.D
 Acq On : 16 Mar 2018 17:42
 Operator : JU/SJ
 Sample : J1866-21
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAMG7RE

Quant Time: Mar 16 18:27:30 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN030918MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 16 15:34:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	58793	20.00	ng/ul	0.00
2) Naphthalene-d8	11.30	136	320618	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.07	164	215815	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.80	188	624722	20.00	ng/ul	0.00
17) Chrysene-d12	21.92	240	848656	20.00	ng/ul	0.01
22) Perylene-d12	24.41	264	867513	20.00	ng/ul	0.01

System Monitoring Compounds

7) Acenaphthylene-d8	14.77	160	401281	18.73	ng/ul	0.00
10) Fluorene-d10	16.05	176	289991	19.99	ng/ul	0.00
14) Anthracene-d10	17.89	188	548413	18.79	ng/ul	0.00
18) Pyrene-d10	20.15	212	734285	17.69	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.25	264	732376	18.49	ng/ul	0.01

Target Compounds

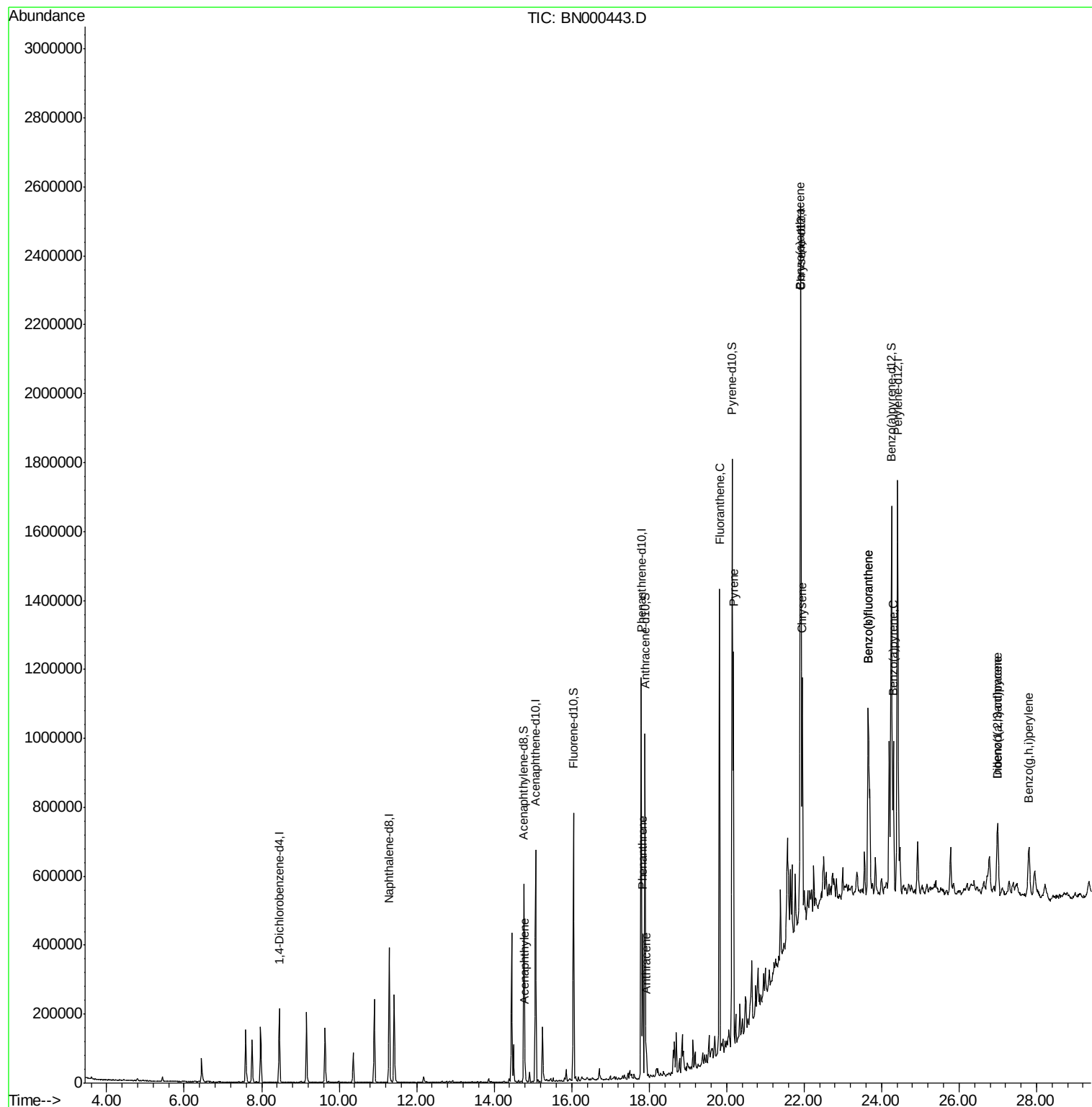
					Ovalue	
8) Acenaphthylene	14.80	152	33785	1.570	ng/ul	98
13) Phenanthrene	17.84	178	229132	6.395	ng/ul	100
15) Anthracene	17.92	178	66353	1.825	ng/ul	99
16) Fluoranthene	19.82	202	756666	19.547	ng/ul#	95
19) Pyrene	20.18	202	621955	11.608	ng/ul#	89
20) Benzo(a)anthracene	21.90	228	386793	7.331	ng/ul	98
21) Chrysene	21.95	228	360005	7.190	ng/ul	96
23) Benzo(b)fluoranthene	23.65	252	625339	12.088	ng/ul#	95
24) Benzo(k)fluoranthene	23.65	252	625339	12.914	ng/ul#	95
26) Benzo(a)pyrene	24.31	252	312979	6.357	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	27.00	276	189091	3.562	ng/ul#	85
28) Dibenzo(a,h)anthracene	27.00	278	54812	1.260	ng/ul#	82
29) Benzo(a,h,i)perylene	27.81	276	171962	3.880	ng/ul#	89

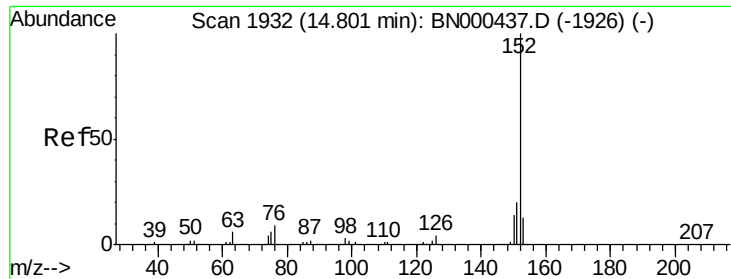
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Acenaphthylene

Concen: 1.570 ng/ul

RT: 14.80 min Scan# 1931

Delta R.T. 0.00 min

Lab File: BN000443.D

Acq: 16 Mar 2018 17:42

Instrument :

BNA_N

ClientSampled :

DAMG7RE

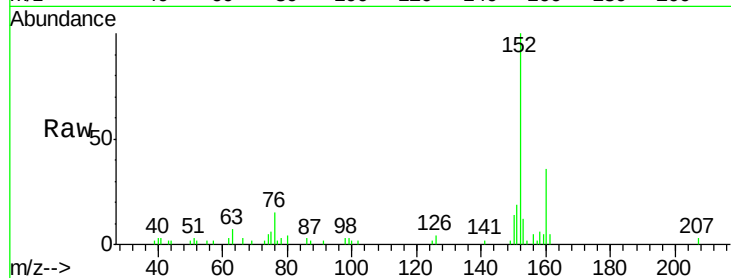
Tot Ion:152 Resp: 33785

Ion Ratio Lower Upper

152 100

151 19.4 16.7 25.1

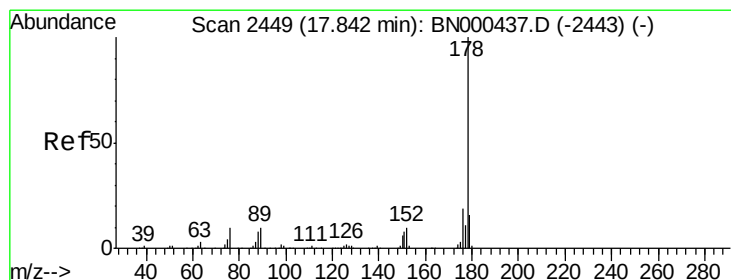
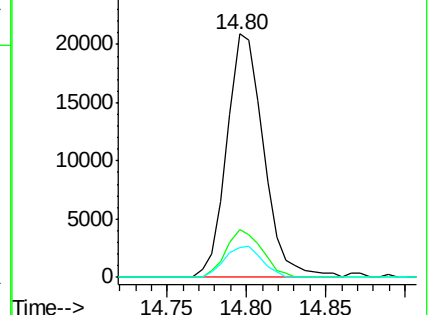
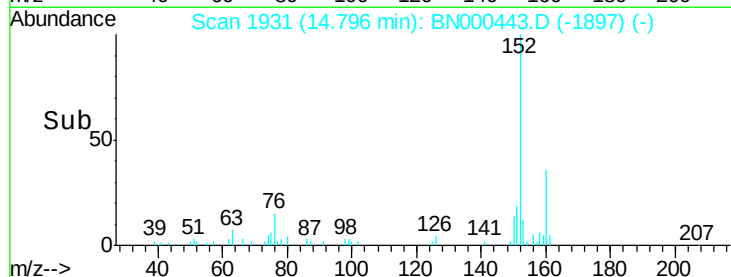
153 12.3 10.2 15.4



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



#13

Phenanthrene

Concen: 6.395 ng/ul

RT: 17.84 min Scan# 2448

Delta R.T. 0.01 min

Lab File: BN000443.D

Acq: 16 Mar 2018 17:42

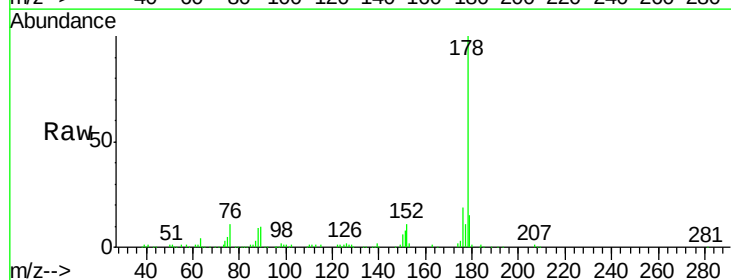
Tgt Ion:178 Resp: 229132

Ion Ratio Lower Upper

178 100

179 15.4 12.3 18.5

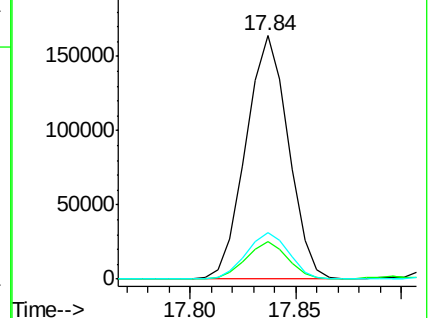
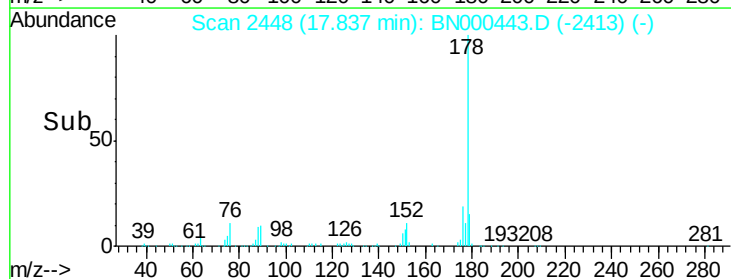
176 19.2 15.1 22.7

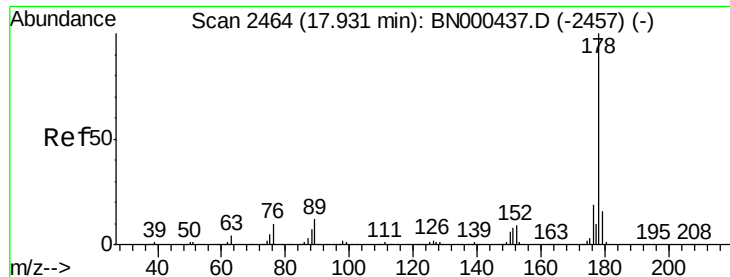


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Anthracene

Concen: 1.825 ng/ul

RT: 17.92 min Scan# 2463

Delta R.T. 0.00 min

Lab File: BN000443.D

Acq: 16 Mar 2018 17:42

Instrument :

BNA_N

ClientSampleId :

DAMG7RE

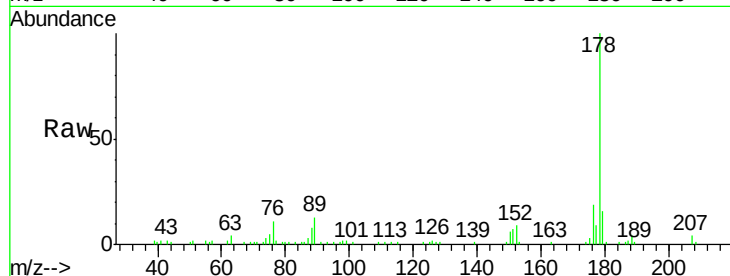
Tot Ion:178 Resp: 66353

Ion Ratio Lower Upper

178 100

179 15.5 11.8 17.8

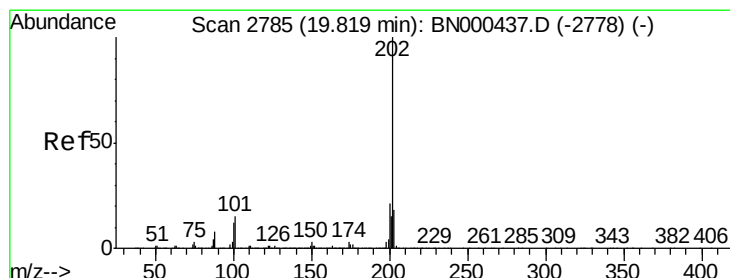
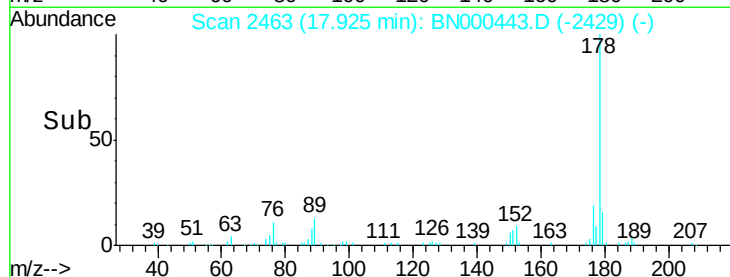
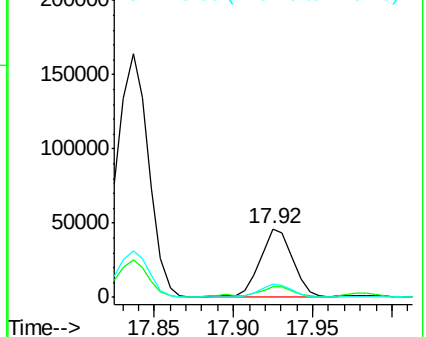
176 18.7 15.2 22.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#16

Fluoranthene

Concen: 19.547 ng/ul

RT: 19.82 min Scan# 2785

Delta R.T. 0.01 min

Lab File: BN000443.D

Acq: 16 Mar 2018 17:42

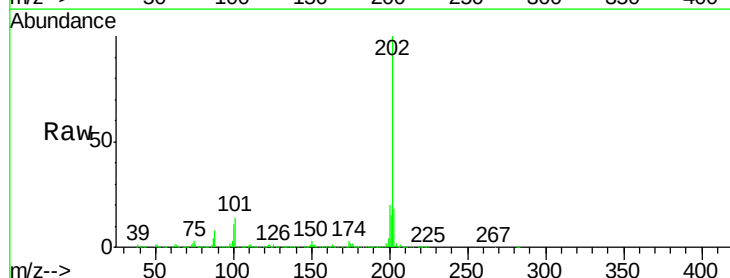
Tgt Ion:202 Resp: 756666

Ion Ratio Lower Upper

202 100

101 14.5 9.9 14.9

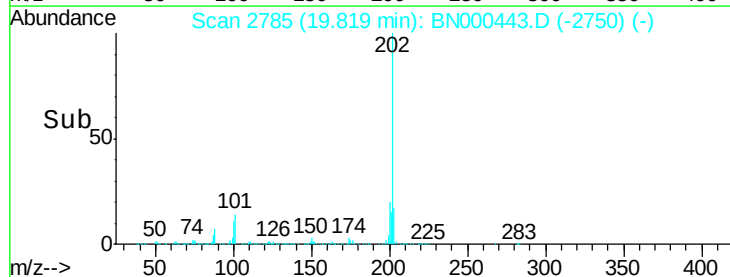
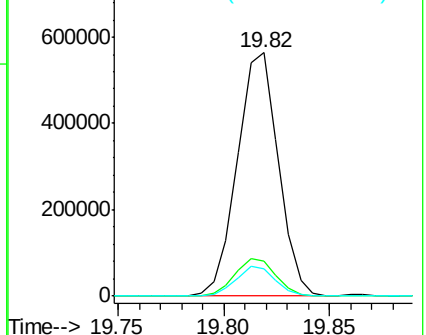
100 11.2 7.4 11.0#

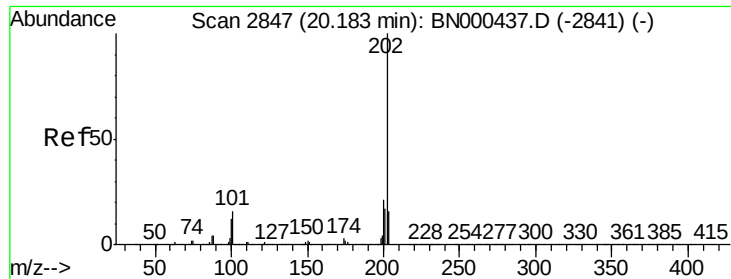


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#19

Pvrene

Concen: 11.608 ng/ul

RT: 20.18 min Scan# 2846

Delta R.T. 0.01 min

Lab File: BN000443.D

Acq: 16 Mar 2018 17:42

Instrument :

BNA_N

ClientSampleId :

DAMG7RE

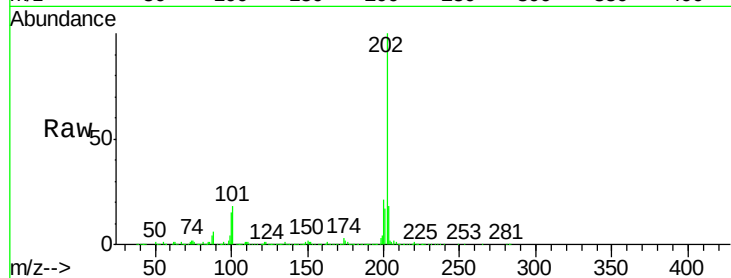
Tot Ion:202 Resp: 621955

Ion Ratio Lower Upper

202 100

101 17.6 11.0 16.4#

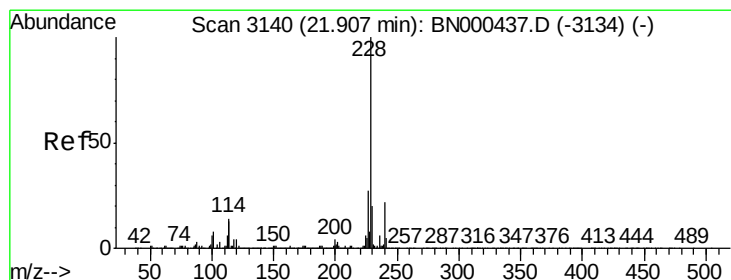
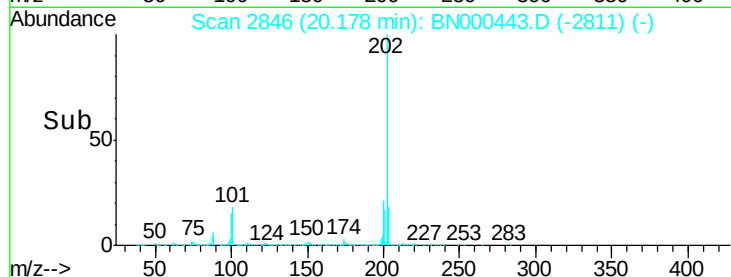
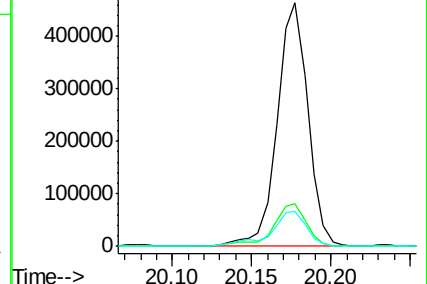
100 14.5 8.1 12.1#



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



#20

Benzo(a)anthracene

Concen: 7.331 ng/ul

RT: 21.90 min Scan# 3139

Delta R.T. 0.01 min

Lab File: BN000443.D

Acq: 16 Mar 2018 17:42

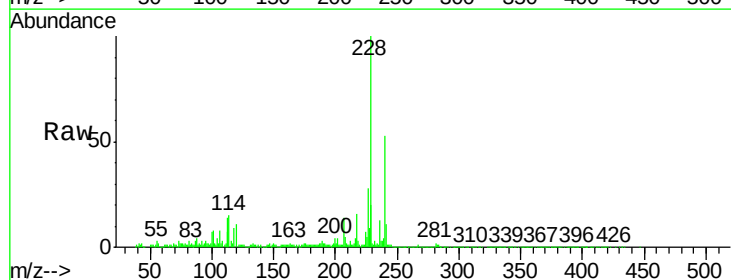
Tgt Ion:228 Resp: 386793

Ion Ratio Lower Upper

228 100

229 20.4 15.7 23.5

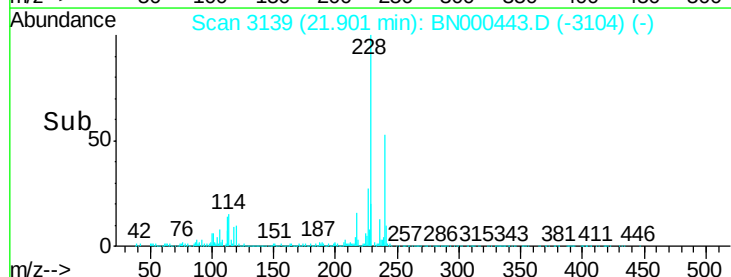
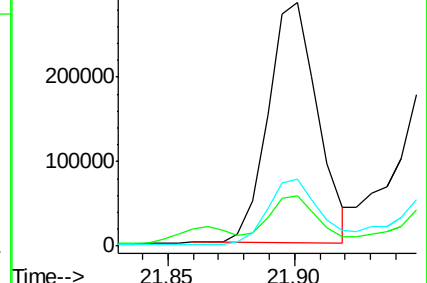
226 27.6 21.1 31.7

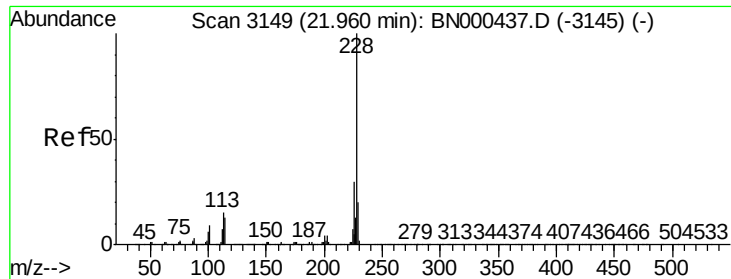


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

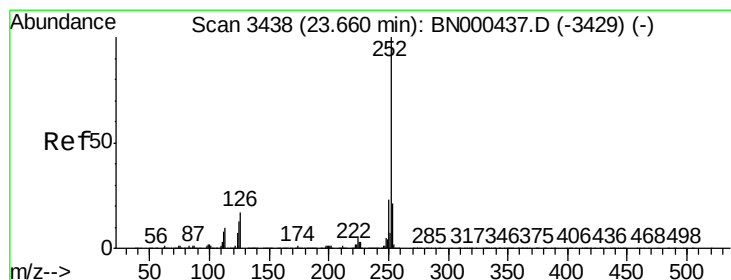
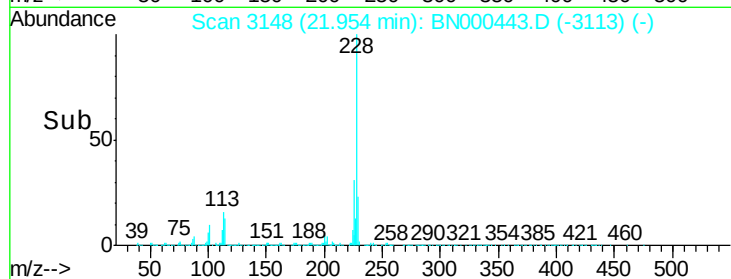
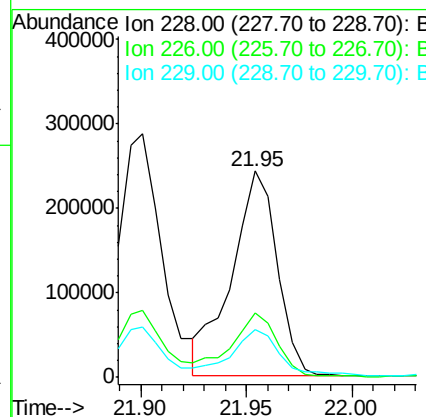
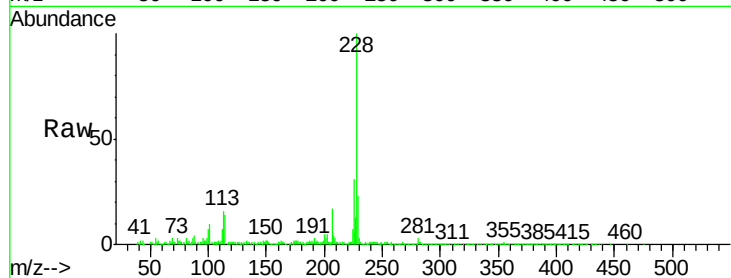




#21
Chrysene
Concen: 7.190 ng/ul
RT: 21.95 min Scan# 3148
Delta R.T. 0.01 min
Lab File: BN000443.D
Acq: 16 Mar 2018 17:42

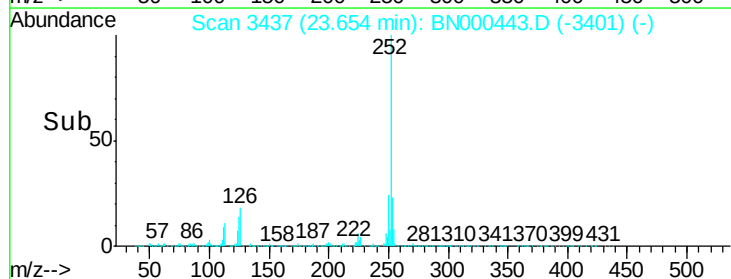
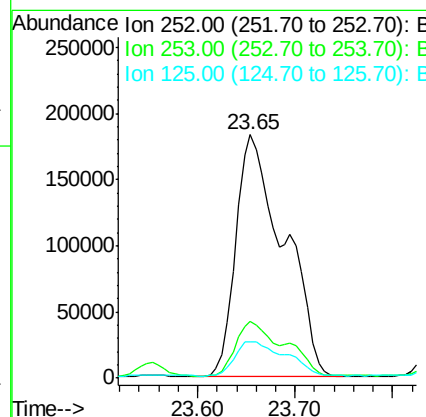
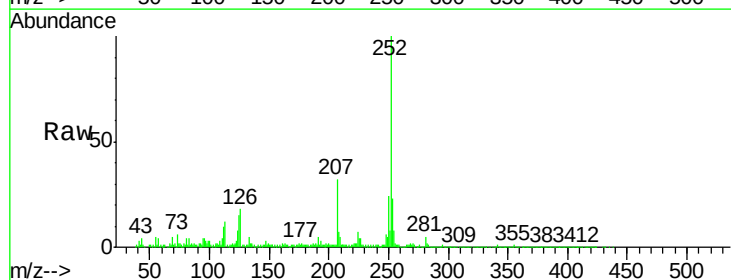
Instrument :
BNA_N
ClientSampleId :
DAMG7RE

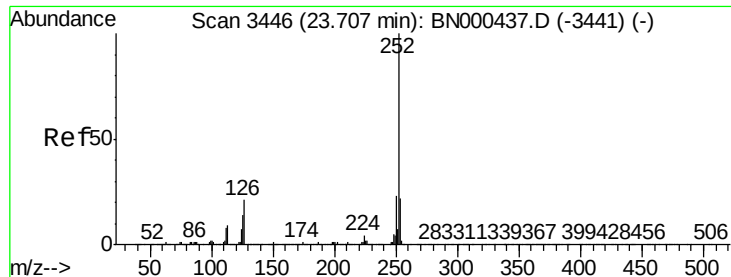
Tot	Ion:228	Resp:	360005
Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.5	36.7
229	23.3	15.8	23.8



#23
Benzo(b)fluoranthene
Concen: 12.088 ng/ul
RT: 23.65 min Scan# 3437
Delta R.T. 0.01 min
Lab File: BN000443.D
Acq: 16 Mar 2018 17:42

Tgt	Ion:252	Resp:	625339
Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.0	27.0
125	15.1	8.0	12.0#





#24

Benzo(k)fluoranthene

Concen: 12.914 ng/ul

RT: 23.65 min Scan# 3437

Delta R.T. -0.04 min

Lab File: BN000443.D

Acq: 16 Mar 2018 17:42

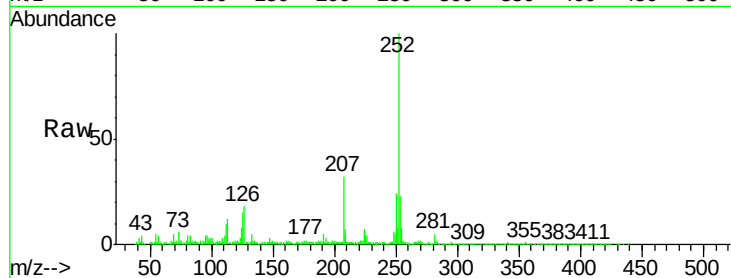
Instrument :

BNA_N

ClientSampleId :

DAMG7RE

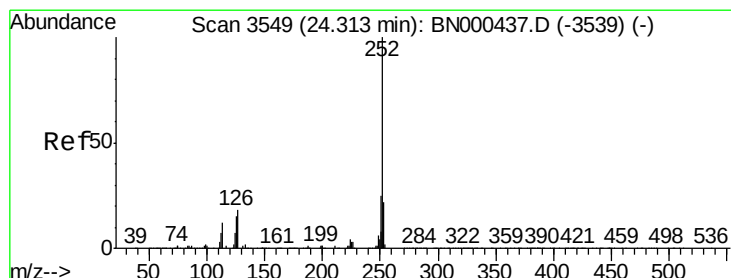
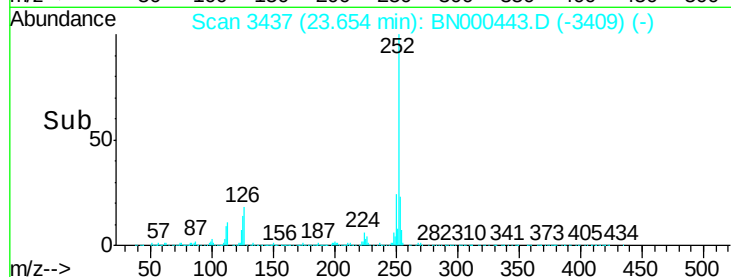
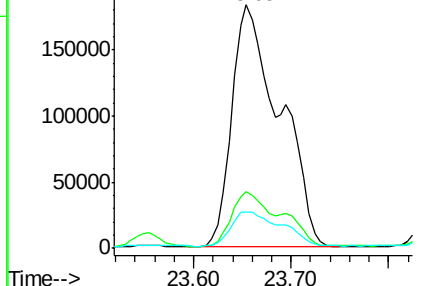
Tot Ion:252	Resp:	625339
Ion Ratio	Lower	Upper
252	100	
253	23.2	18.0 27.0
125	15.1	8.1 12.1#



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



#26

Benzo(a)pyrene

Concen: 6.357 ng/ul

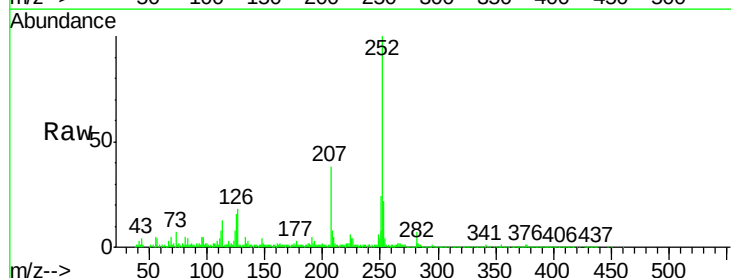
RT: 24.31 min Scan# 3548

Delta R.T. 0.02 min

Lab File: BN000443.D

Acq: 16 Mar 2018 17:42

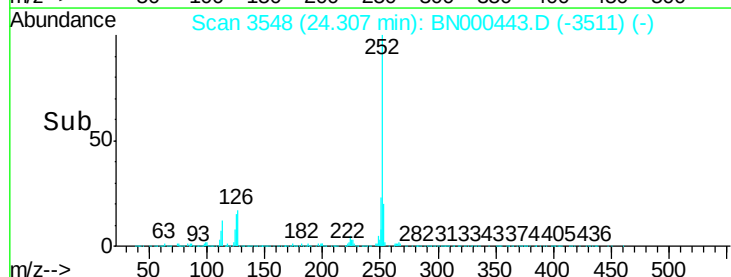
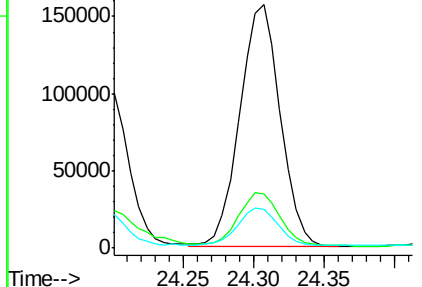
Tgt Ion:252	Resp:	312979
Ion Ratio	Lower	Upper
252	100	
253	22.4	17.2 25.8
125	15.8	8.2 12.4#

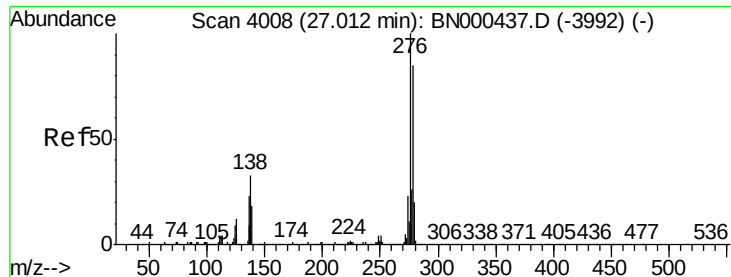


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#27

Indeno(1,2,3-cd)pyrene

Concen: 3.562 ng/ul

RT: 27.00 min Scan# 4006

Delta R.T. 0.02 min

Lab File: BN000443.D

Acq: 16 Mar 2018 17:42

Instrument :

BNA_N

ClientSampleId :

DAMG7RE

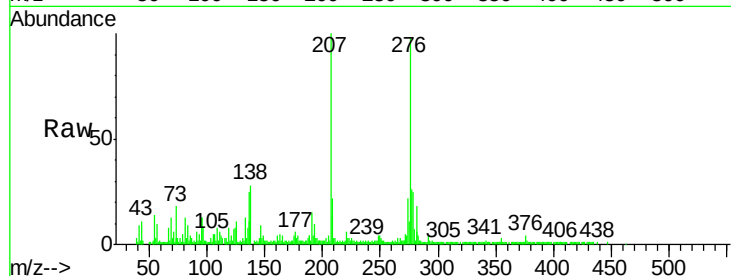
Tot Ion:276 Resp: 189091

Ion Ratio Lower Upper

276 100

138 28.6 14.4 21.6#

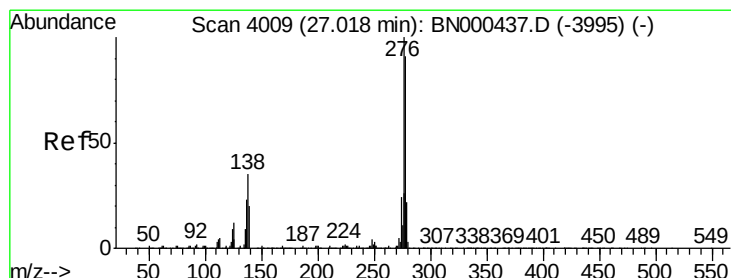
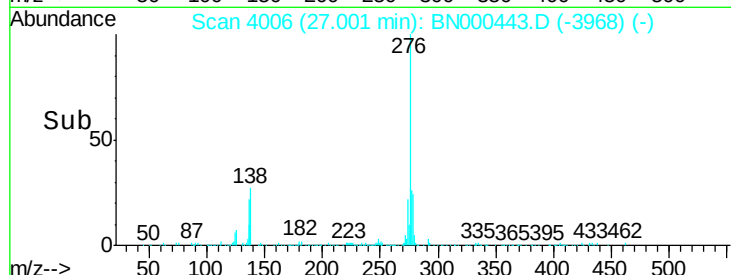
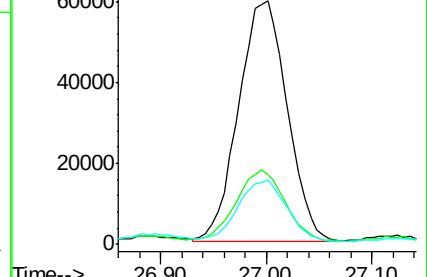
277 26.6 18.0 27.0



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



#28

Dibenzo(a,h)anthracene

Concen: 1.260 ng/ul

RT: 27.00 min Scan# 4006

Delta R.T. 0.02 min

Lab File: BN000443.D

Acq: 16 Mar 2018 17:42

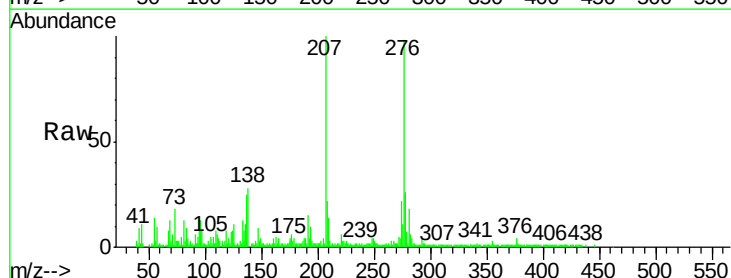
Tgt Ion:278 Resp: 54812

Ion Ratio Lower Upper

278 100

139 0.0 12.2 18.4#

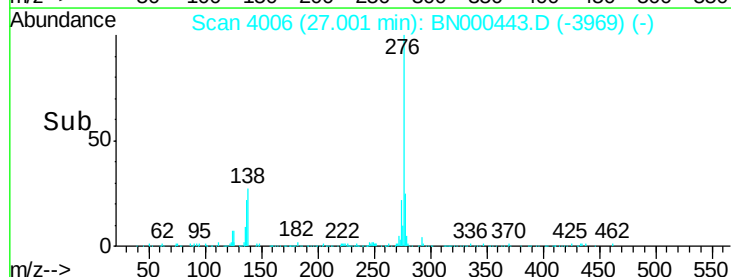
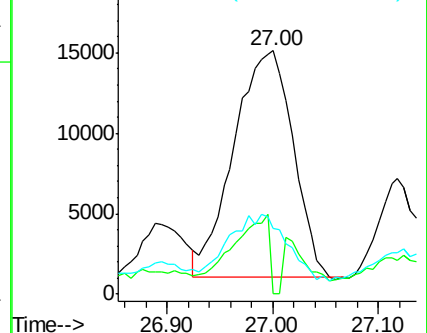
279 26.9 19.2 28.8

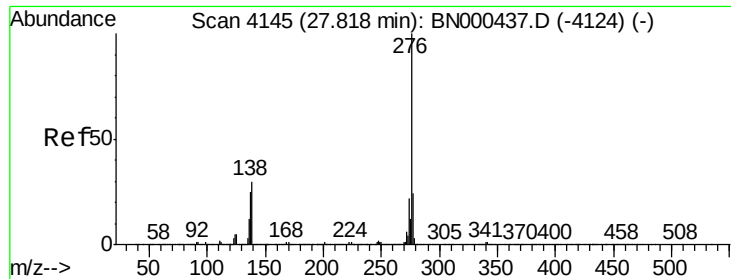


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#29

Benzo(a,h,i)perylene

Concen: 3.880 ng/ul

RT: 27.81 min Scan# 4143

Delta R.T. 0.04 min

Lab File: BN000443.D

Acq: 16 Mar 2018 17:42

Instrument :

BNA_N

ClientSampleId :

DAMG7RE

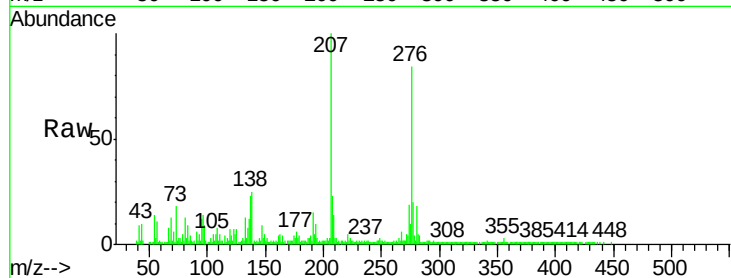
Tot Ion: 276 Resp: 171962

Ion Ratio Lower Upper

276 100

138 30.1 15.3 22.9#

277 23.8 19.0 28.4



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

