

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031618\
 Data File : BN000444.D
 Acq On : 16 Mar 2018 18:16
 Operator : JU/SJ
 Sample : J1866-21RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAMG7

Quant Time: Mar 16 19:13:58 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	138067	20.00	ng/ul	0.00
2) Naphthalene-d8	11.30	136	686342	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.07	164	403527	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.80	188	917272	20.00	ng/ul	0.00
17) Chrysene-d12	21.92	240	871345	20.00	ng/ul	0.01
22) Perylene-d12	24.41	264	818285	20.00	ng/ul	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	14.77	160	757451	18.91	ng/ul	0.00
10) Fluorene-d10	16.05	176	499933	18.43	ng/ul	0.00
14) Anthracene-d10	17.90	188	808425	18.86	ng/ul	0.00
18) Pyrene-d10	20.15	212	877006	20.57	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.25	264	704246	18.85	ng/ul	0.01

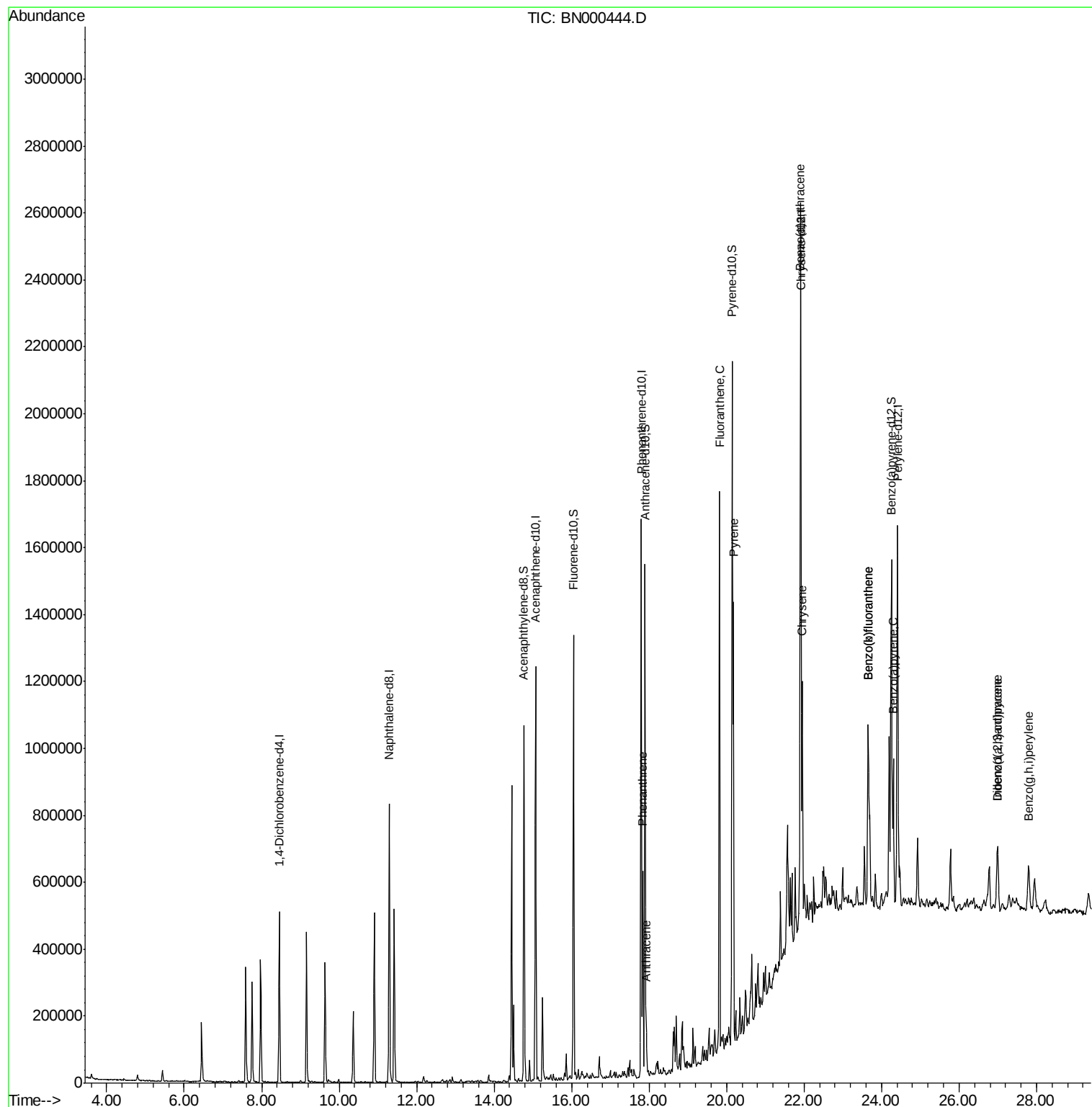
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Phenanthrene	17.84	178	335911	6.386	ng/ul	99
15) Anthracene	17.92	178	81539	1.528	ng/ul	98
16) Fluoranthene	19.82	202	936304	16.473	ng/ul#	94
19) Pyrene	20.18	202	738889	13.431	ng/ul#	90
20) Benzo(a)anthracene	21.90	228	404763	7.472	ng/ul	98
21) Chrysene	21.95	228	376938	7.333	ng/ul	97
23) Benzo(b)fluoranthene	23.65	252	491027	10.063	ng/ul#	95
24) Benzo(k)fluoranthene	23.65	252	491027	10.751	ng/ul#	95
26) Benzo(a)pyrene	24.31	252	300665	6.474	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.99	276	179018	3.575	ng/ul#	84
28) Dibenzo(a,h)anthracene	26.99	278	52644	1.283	ng/ul#	81
29) Benzo(g,h,i)perylene	27.79	276	161864	3.872	ng/ul#	88

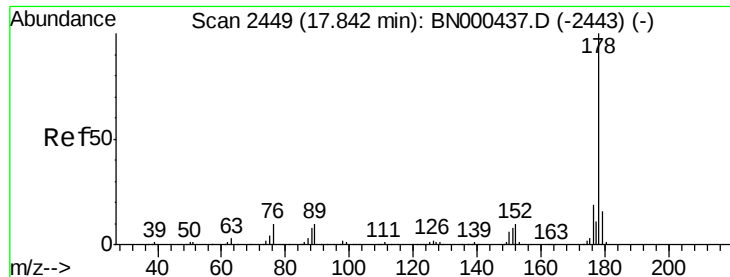
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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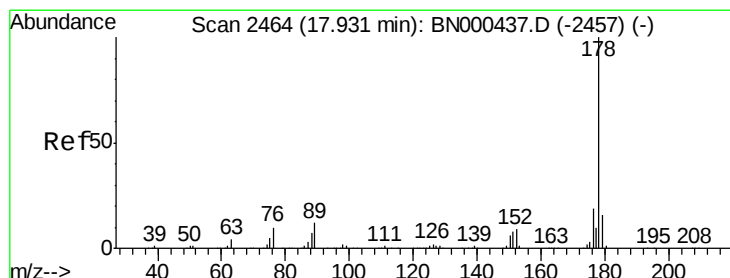
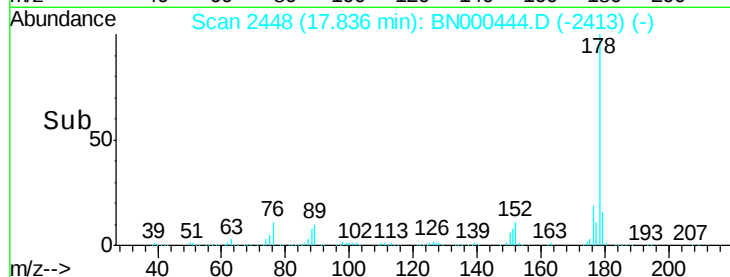
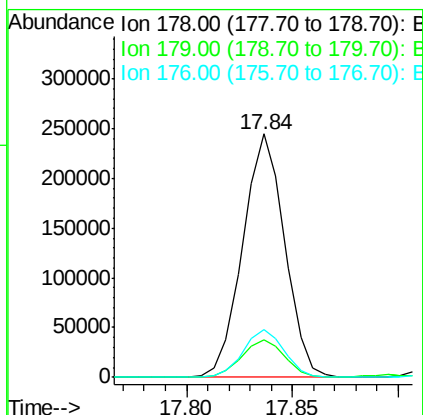
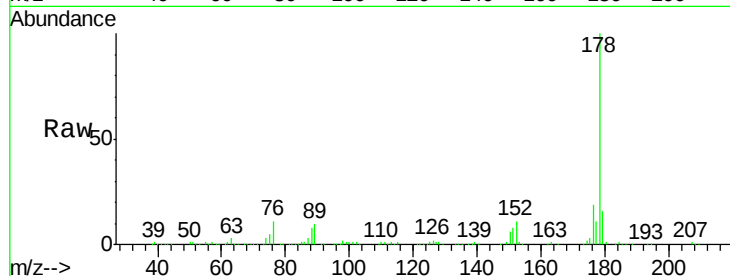




#13
Phenanthrene
Concen: 6.386 ng/ul
RT: 17.84 min Scan# 2448
Delta R.T. 0.01 min
Lab File: BN000444.D
Acq: 16 Mar 2018 18:16

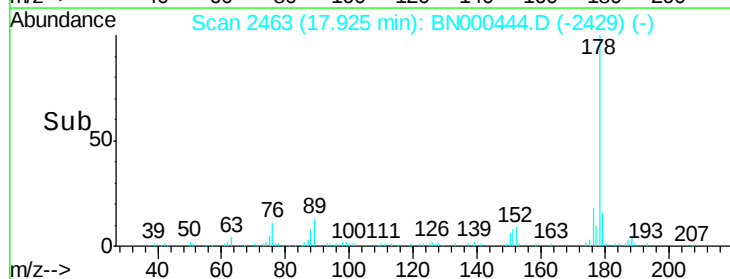
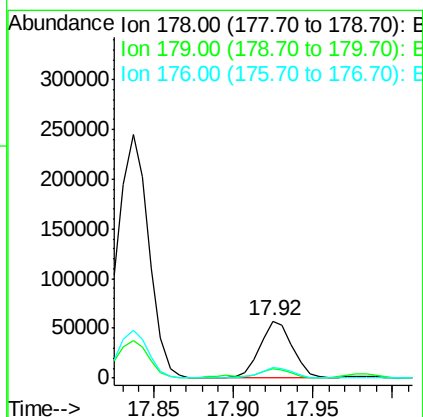
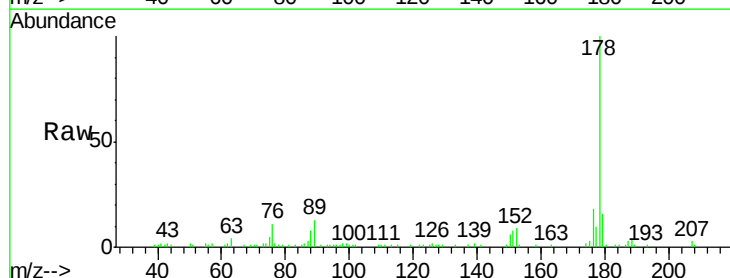
Instrument :
BNA_N
ClientSampleId :
DAMG7

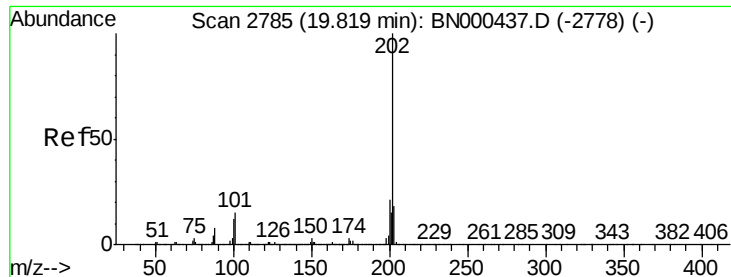
Tot Ion:178 Resp: 335911
Ion Ratio Lower Upper
178 100
179 15.6 12.3 18.5
176 19.4 15.1 22.7



#15
Anthracene
Concen: 1.528 ng/ul
RT: 17.92 min Scan# 2463
Delta R.T. -0.00 min
Lab File: BN000444.D
Acq: 16 Mar 2018 18:16

Tgt Ion:178 Resp: 81539
Ion Ratio Lower Upper
178 100
179 15.8 11.8 17.8
176 17.9 15.2 22.8





#16

Fluoranthene

Concen: 16.473 ng/ul

RT: 19.82 min Scan# 2785

Delta R.T. 0.01 min

Lab File: BN000444.D

Acq: 16 Mar 2018 18:16

Instrument :

BNA_N

ClientSampleId :

DAMG7

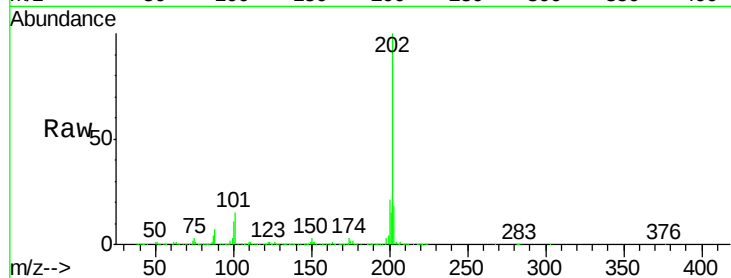
Tot Ion:202 Resp: 936304

Ion Ratio Lower Upper

202 100

101 15.0 9.9 14.9#

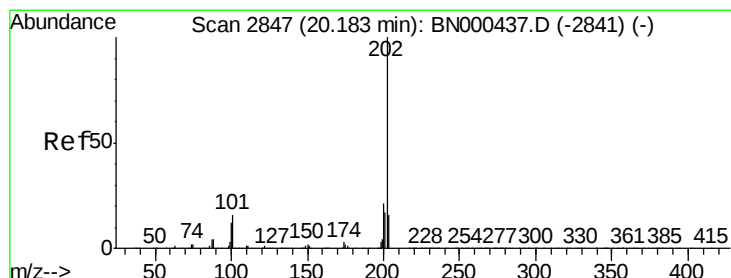
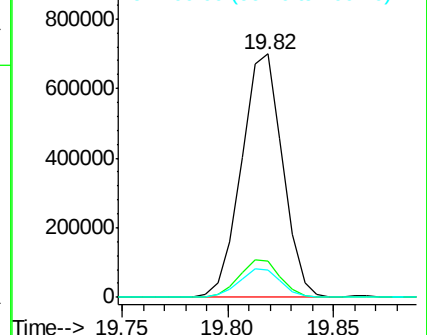
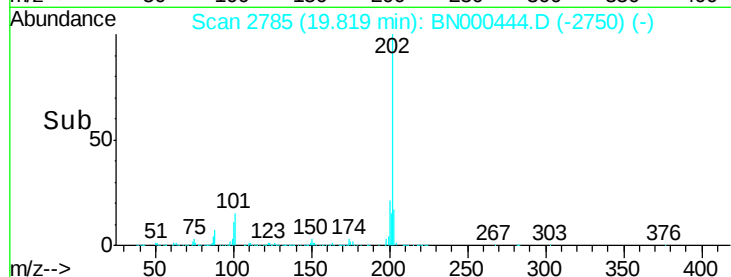
100 11.1 7.4 11.0#



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

Pyrene

Concen: 13.431 ng/ul

RT: 20.18 min Scan# 2846

Delta R.T. 0.01 min

Lab File: BN000444.D

Acq: 16 Mar 2018 18:16

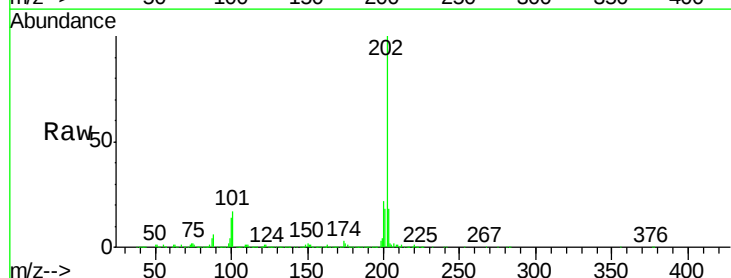
Tgt Ion:202 Resp: 738889

Ion Ratio Lower Upper

202 100

101 17.5 11.0 16.4#

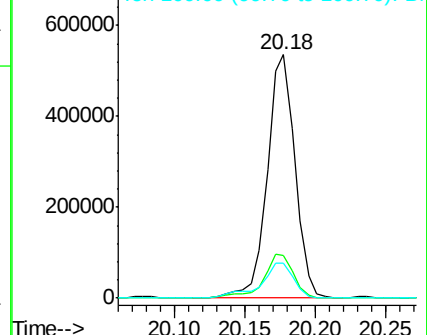
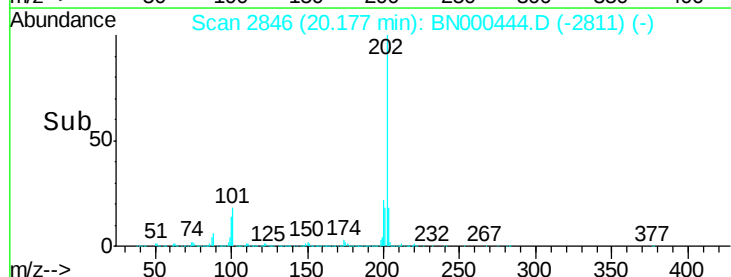
100 14.3 8.1 12.1#

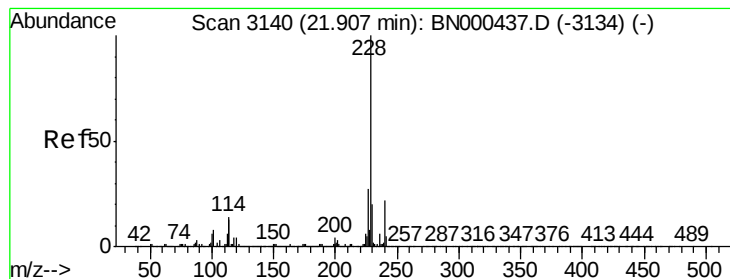


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#20

Benzo(a)anthracene

Concen: 7.472 ng/ul

RT: 21.90 min Scan# 3139

Delta R.T. 0.01 min

Lab File: BN000444.D

Acq: 16 Mar 2018 18:16

Instrument :

BNA_N

ClientSampleId :

DAMG7

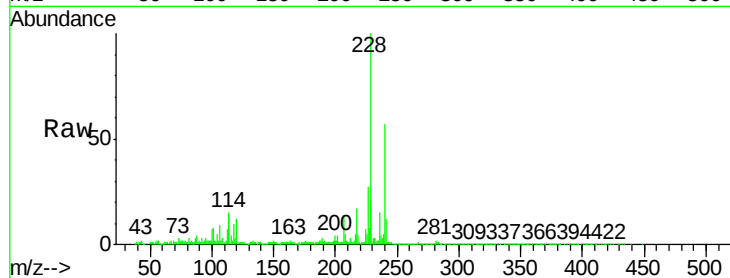
Tot Ion:228 Resp: 404763

Ion Ratio Lower Upper

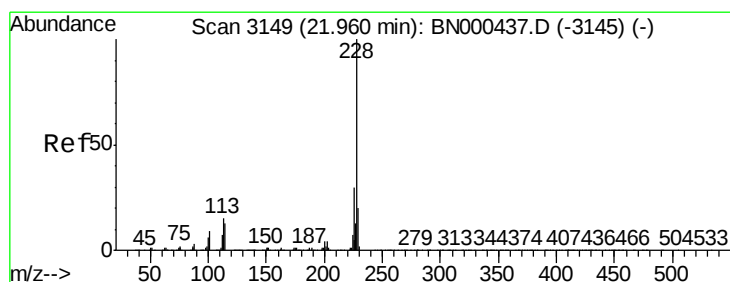
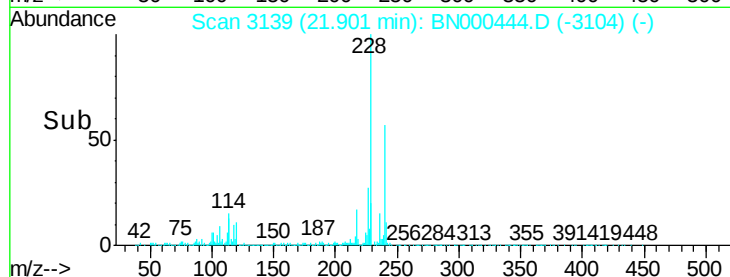
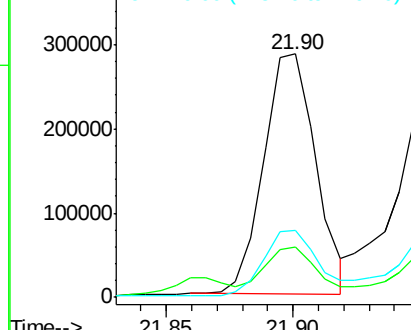
228 100

229 20.8 15.7 23.5

226 27.4 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: 7.333 ng/ul

RT: 21.95 min Scan# 3148

Delta R.T. 0.01 min

Lab File: BN000444.D

Acq: 16 Mar 2018 18:16

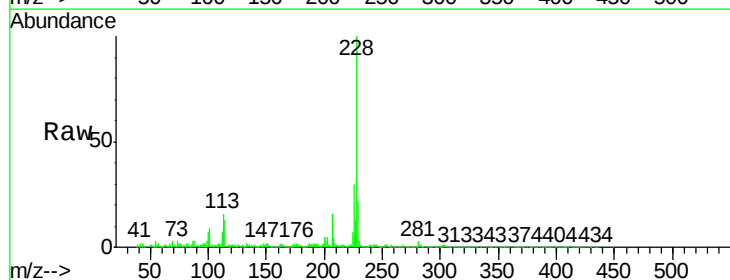
Tgt Ion:228 Resp: 376938

Ion Ratio Lower Upper

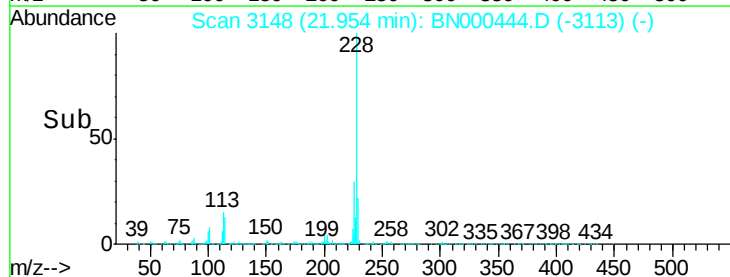
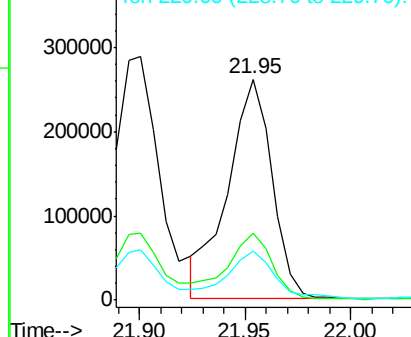
228 100

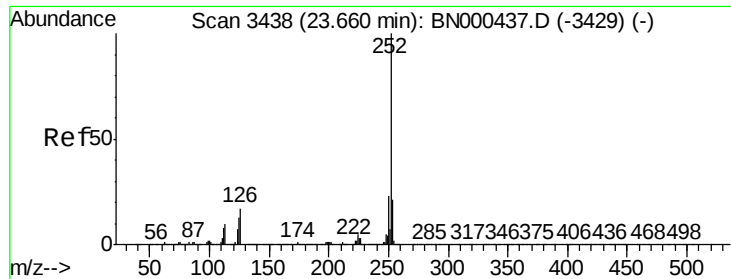
226 30.1 24.5 36.7

229 22.4 15.8 23.8



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





#23

Benzo(b)fluoranthene

Concen: 10.063 ng/ul

RT: 23.65 min Scan# 3436

Delta R.T. 0.01 min

Lab File: BN000444.D

Acq: 16 Mar 2018 18:16

Instrument :

BNA_N

ClientSampleId :

DAMG7

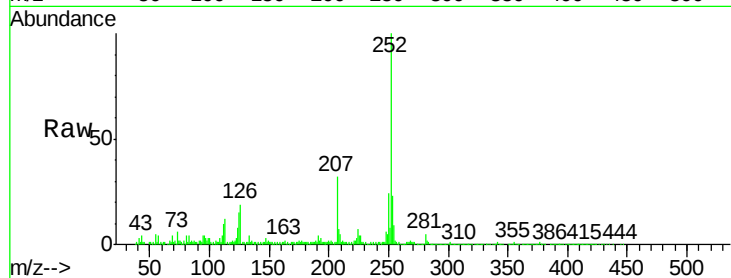
Tot Ion:252 Resp: 491027

Ion Ratio Lower Upper

252 100

253 23.2 18.0 27.0

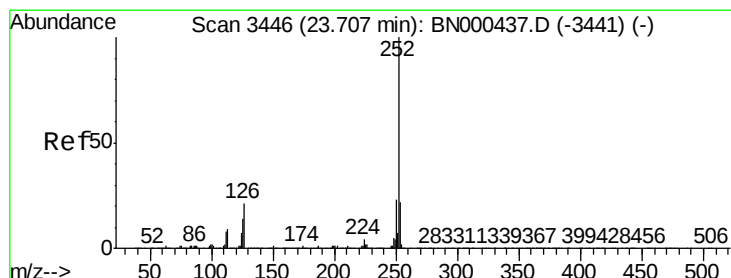
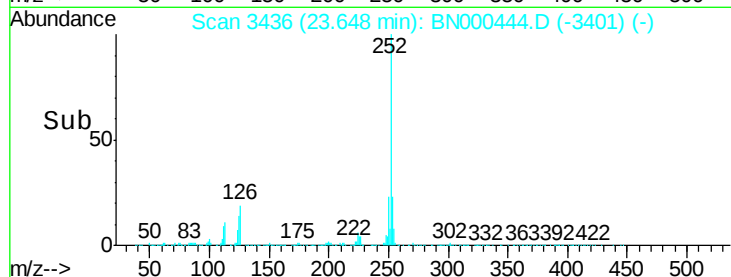
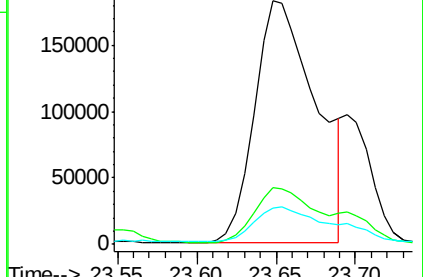
125 15.1 8.0 12.0#



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

Benzo(k)fluoranthene

Concen: 10.751 ng/ul

RT: 23.65 min Scan# 3436

Delta R.T. -0.04 min

Lab File: BN000444.D

Acq: 16 Mar 2018 18:16

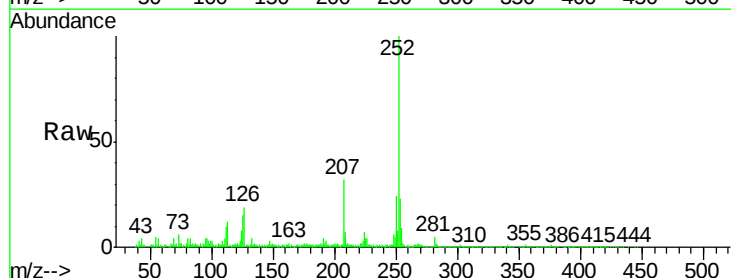
Tgt Ion:252 Resp: 491027

Ion Ratio Lower Upper

252 100

253 23.2 18.0 27.0

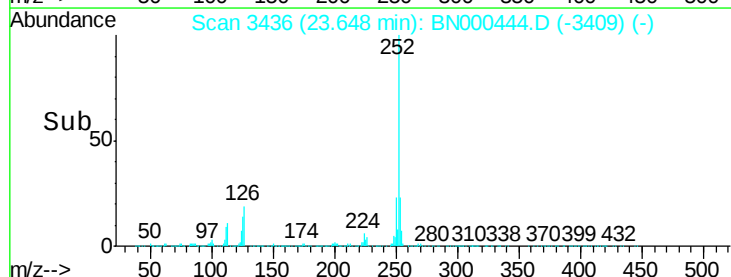
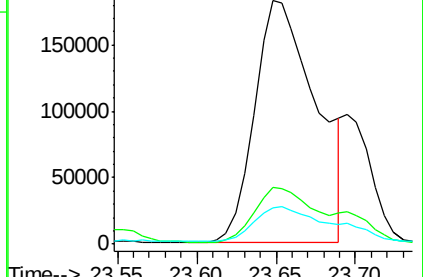
125 15.1 8.1 12.1#

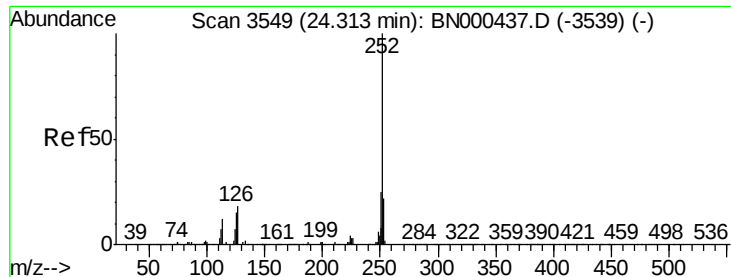


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#26

Benzo(a)pyrene

Concen: 6.474 ng/ul

RT: 24.31 min Scan# 3548

Delta R.T. 0.02 min

Lab File: BN000444.D

Acq: 16 Mar 2018 18:16

Instrument :

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ClientSampleId :

DAMG7

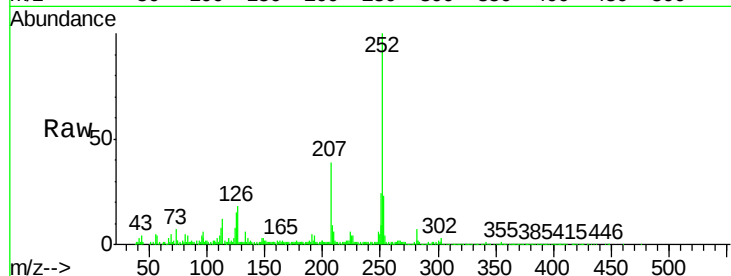
Tot Ion:252 Resp: 300665

Ion Ratio Lower Upper

252 100

253 23.4 17.2 25.8

125 15.3 8.2 12.4#

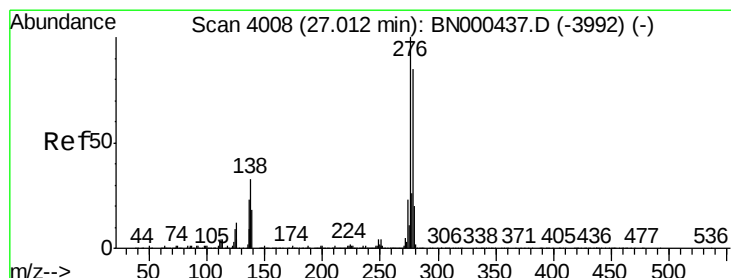
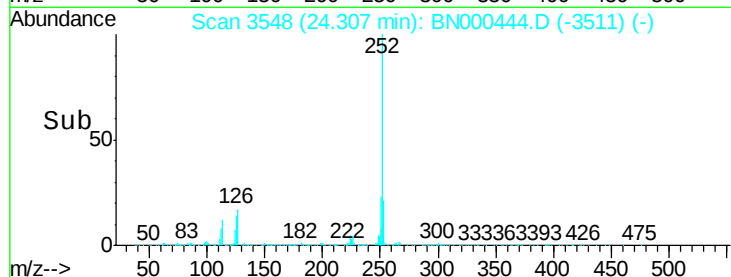
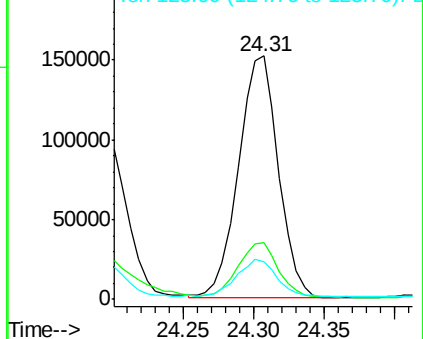


Abundance

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: 3.575 ng/ul

RT: 26.99 min Scan# 4005

Delta R.T. 0.02 min

Lab File: BN000444.D

Acq: 16 Mar 2018 18:16

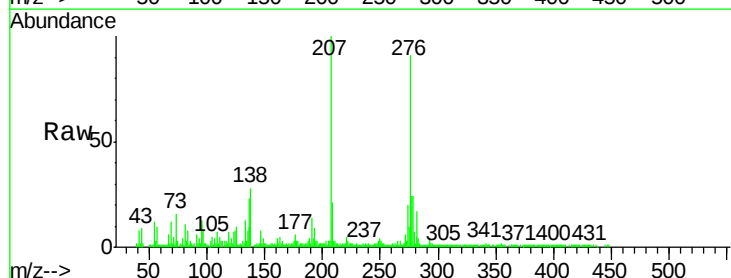
Tgt Ion:276 Resp: 179018

Ion Ratio Lower Upper

276 100

138 30.4 14.4 21.6#

277 25.8 18.0 27.0

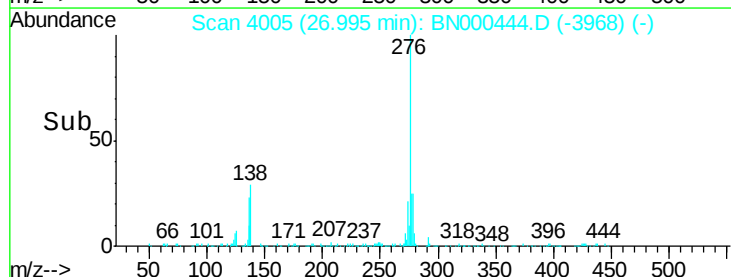
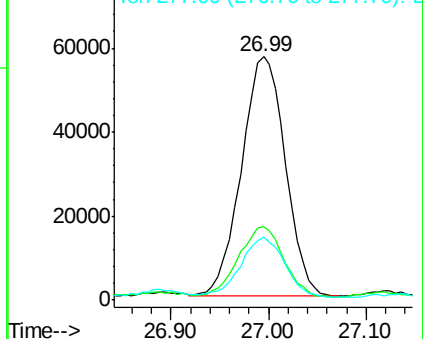


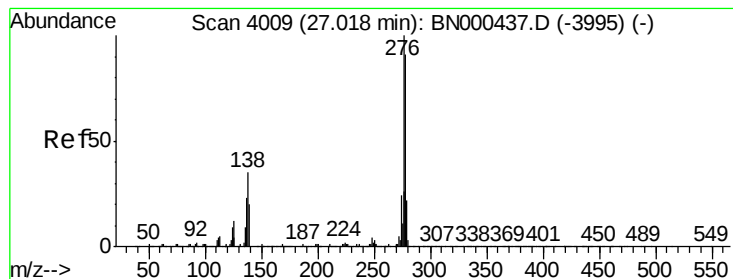
Abundance

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: 1.283 ng/ul

RT: 26.99 min Scan# 4005

Delta R.T. 0.01 min

Lab File: BN000444.D

Acq: 16 Mar 2018 18:16

Instrument :

BNA_N

ClientSampleId :

DAMG7

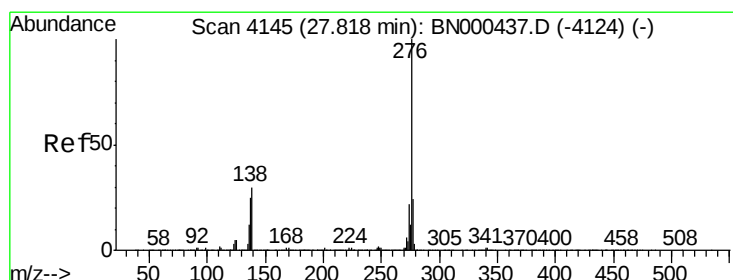
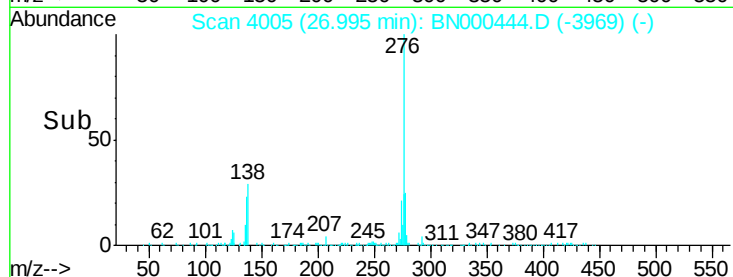
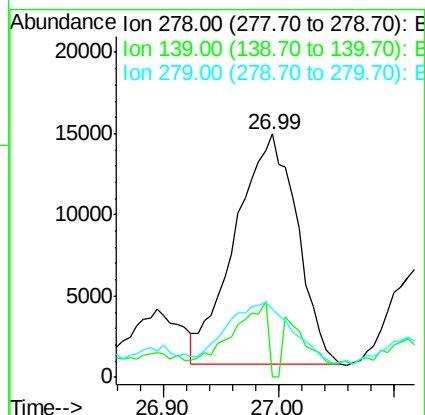
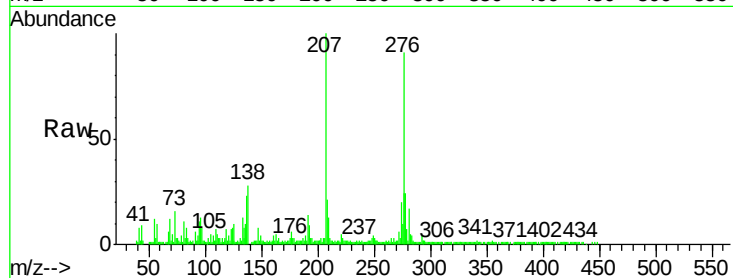
Tot Ion:278 Resp: 52644

Ion Ratio Lower Upper

278 100

139 0.0 12.2 18.4#

279 28.1 19.2 28.8



#29

Benzo(g,h,i)perylene

Concen: 3.872 ng/ul

RT: 27.79 min Scan# 4141

Delta R.T. 0.02 min

Lab File: BN000444.D

Acq: 16 Mar 2018 18:16

Tgt Ion:276 Resp: 161864

Ion Ratio Lower Upper

276 100

138 29.8 15.3 22.9#

277 25.1 19.0 28.4

