

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031618\
 Data File : BN000439.D
 Acq On : 16 Mar 2018 10:49
 Operator : JU/SJ
 Sample : J1866-10RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 16 15:35:21 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

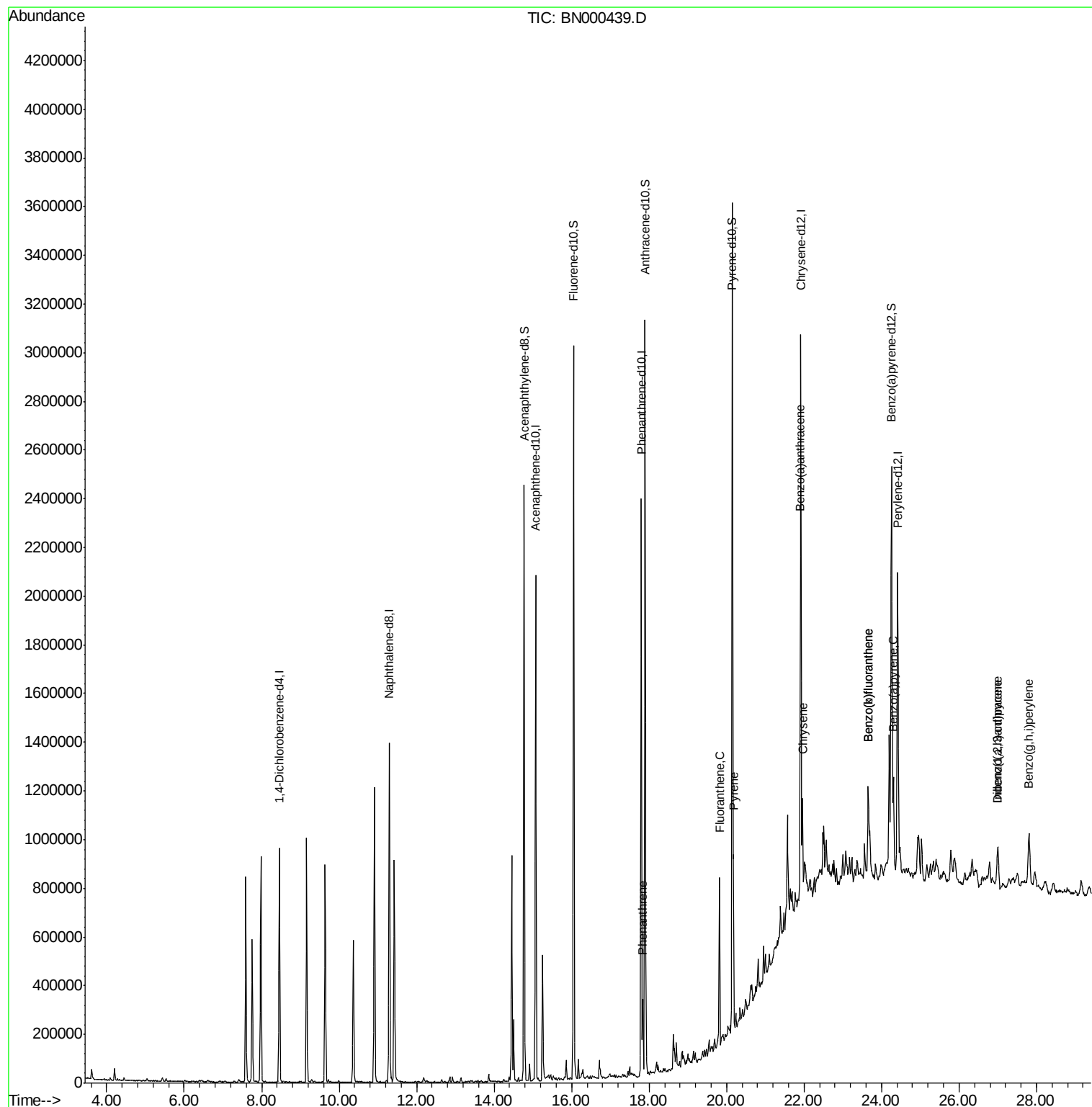
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	262907	20.00	ng/ul	0.00
2) Naphthalene-d8	11.30	136	1202037	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.07	164	640423	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.79	188	1287104	20.00	ng/ul	0.00
17) Chrysene-d12	21.92	240	997700	20.00	ng/ul	0.01
22) Perylene-d12	24.42	264	898170	20.00	ng/ul	0.02
System Monitoring Compounds						
7) Acenaphthylene-d8	14.77	160	1731463	27.24	ng/ul	0.00
10) Fluorene-d10	16.05	176	1112381	25.84	ng/ul	0.00
14) Anthracene-d10	17.89	188	1625594	27.03	ng/ul	0.00
18) Pyrene-d10	20.15	212	1552894	31.82	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.26	264	1126528	27.47	ng/ul	0.02
Target Compounds				Ovalue		
13) Phenanthrene	17.84	178	169237	2.293	ng/ul	100
16) Fluoranthene	19.82	202	381450	4.783	ng/ul	95
19) Pyrene	20.18	202	364609	5.788	ng/ul#	89
20) Benzo(a)anthracene	21.90	228	210375	3.392	ng/ul	95
21) Chrysene	21.96	228	237725	4.039	ng/ul	97
23) Benzo(b)fluoranthene	23.65	252	373553	6.975	ng/ul#	92
24) Benzo(k)fluoranthene	23.65	252	373352	7.447	ng/ul#	92
26) Benzo(a)pyrene	24.31	252	248463	4.874	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	27.00	276	143870	2.618	ng/ul#	83
28) Dibenzo(a,h)anthracene	26.99	278	46490	1.032	ng/ul#	56
29) Benzo(g,h,i)perylene	27.81	276	265313	5.781	ng/ul#	86

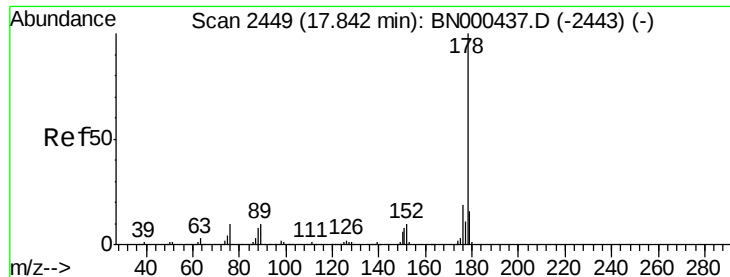
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Phenanthrene

Concen: 2.293 ng/ul

RT: 17.84 min Scan# 2448

Delta R.T. 0.01 min

Lab File: BN000439.D

Acq: 16 Mar 2018 10:49

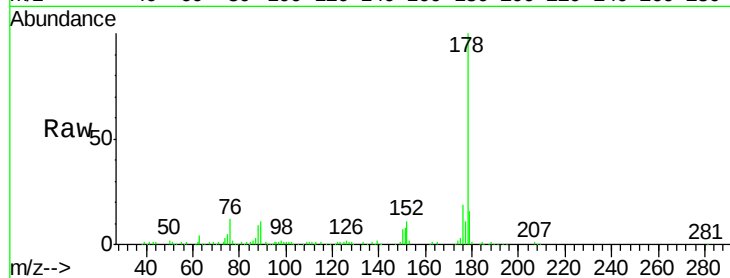
Instrument :

BNA_N

ClientSampleId :

Tot Ion:178 Resp: 169237

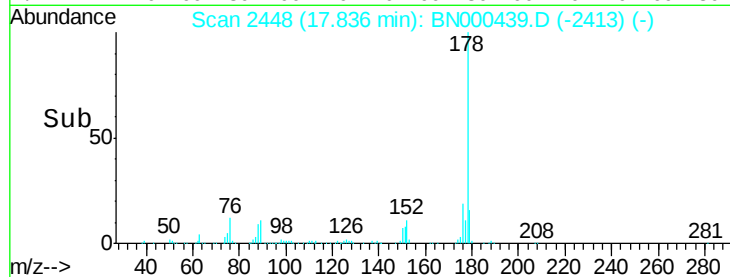
Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.3	18.5
176	19.1	15.1	22.7



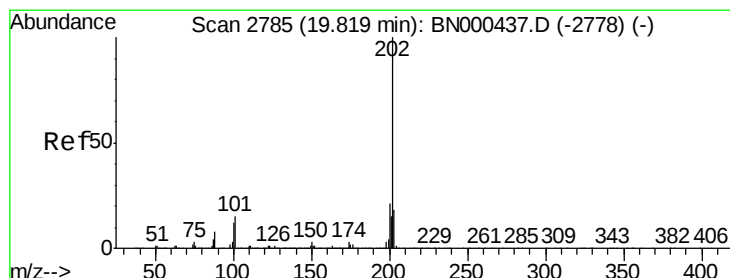
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->



#16

Fluoranthene

Concen: 4.783 ng/ul

RT: 19.82 min Scan# 2785

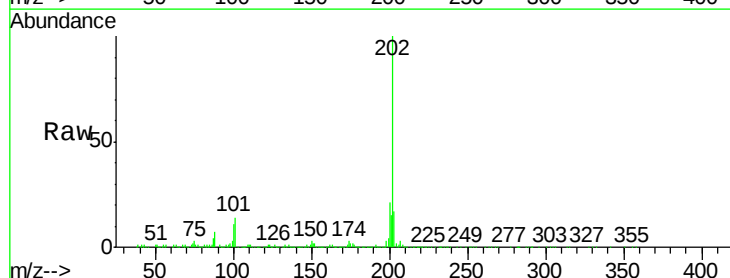
Delta R.T. 0.01 min

Lab File: BN000439.D

Acq: 16 Mar 2018 10:49

Tgt Ion:202 Resp: 381450

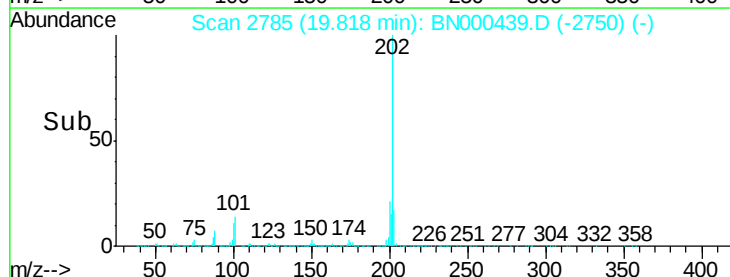
Ion	Ratio	Lower	Upper
202	100		
101	14.5	9.9	14.9
100	10.8	7.4	11.0



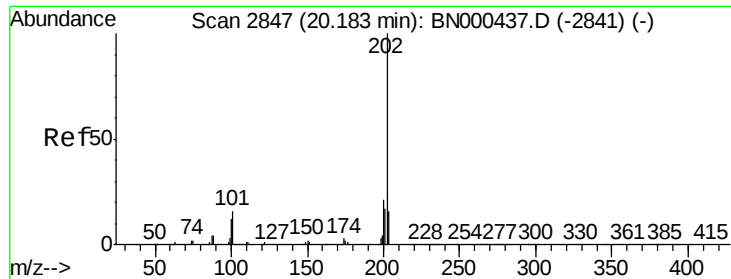
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Time-->



#19

Pvrene

Concen: 5.788 ng/ul

RT: 20.18 min Scan# 2846

Delta R.T. 0.01 min

Lab File: BN000439.D

Acq: 16 Mar 2018 10:49

Instrument :

BNA_N

ClientSampleId :

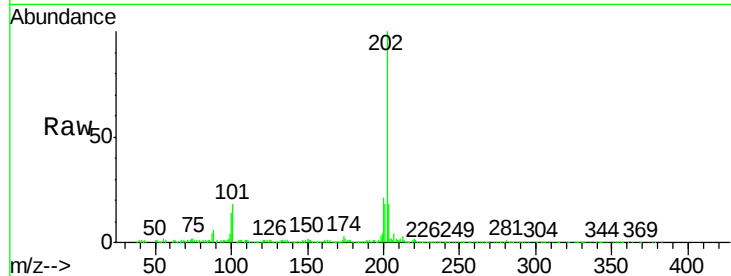
Tot Ion:202 Resp: 364609

Ion Ratio Lower Upper

202 100

101 18.0 11.0 16.4#

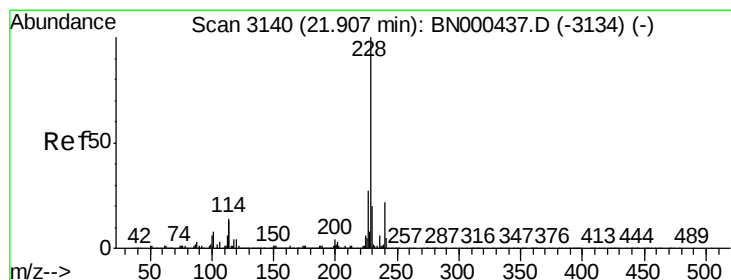
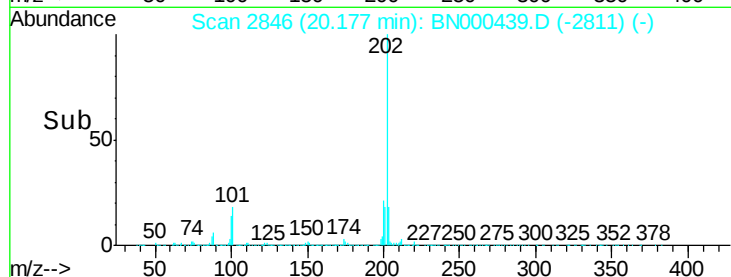
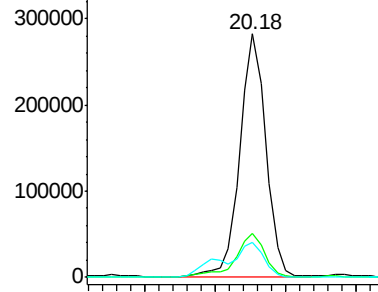
100 14.4 8.1 12.1#



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: 3.392 ng/ul

RT: 21.90 min Scan# 3139

Delta R.T. 0.01 min

Lab File: BN000439.D

Acq: 16 Mar 2018 10:49

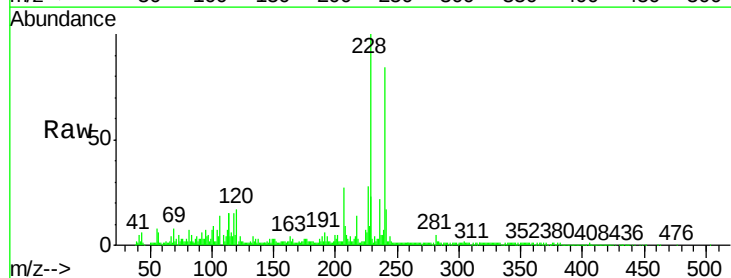
Tgt Ion:228 Resp: 210375

Ion Ratio Lower Upper

228 100

229 23.1 15.7 23.5

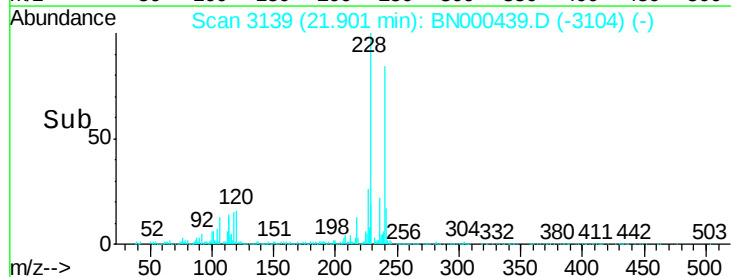
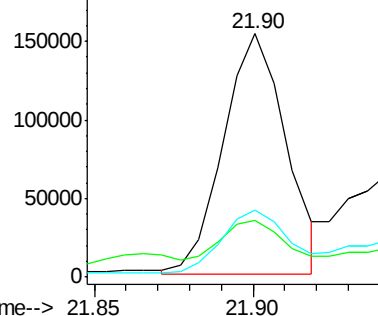
226 27.6 21.1 31.7

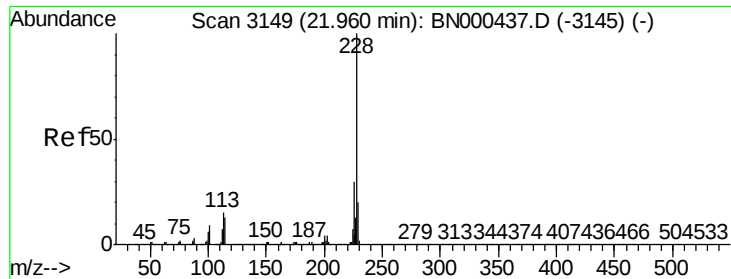


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#21

Chrysene

Concen: 4.039 ng/ul

RT: 21.96 min Scan# 3149

Delta R.T. 0.01 min

Lab File: BN000439.D

Acq: 16 Mar 2018 10:49

Instrument :

BNA_N

ClientSampleId :

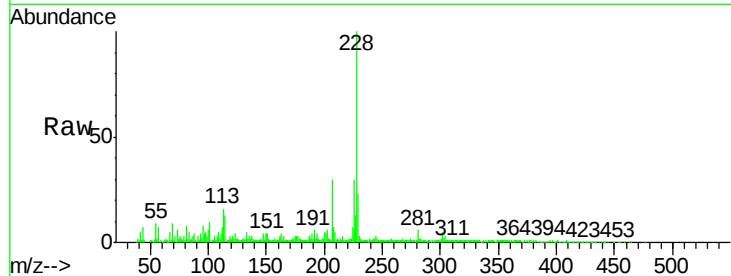
Tot Ion:228 Resp: 237725

Ion Ratio Lower Upper

228 100

226 30.3 24.5 36.7

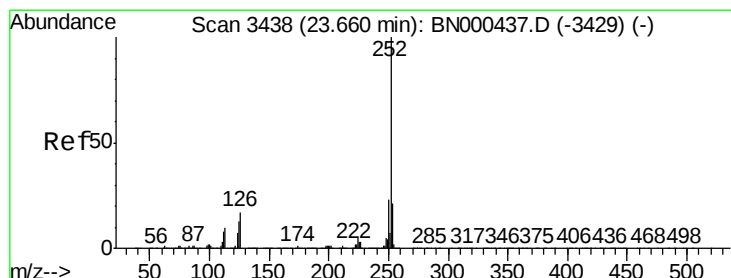
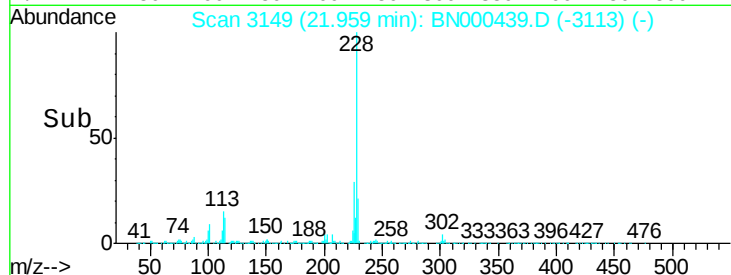
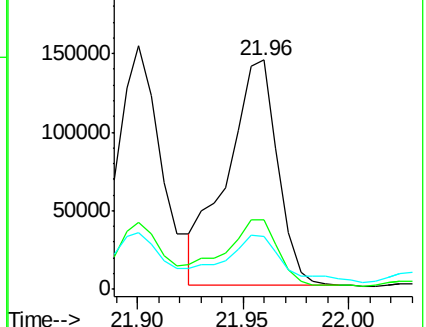
229 23.2 15.8 23.8



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: 6.975 ng/ul

RT: 23.65 min Scan# 3437

Delta R.T. 0.01 min

Lab File: BN000439.D

Acq: 16 Mar 2018 10:49

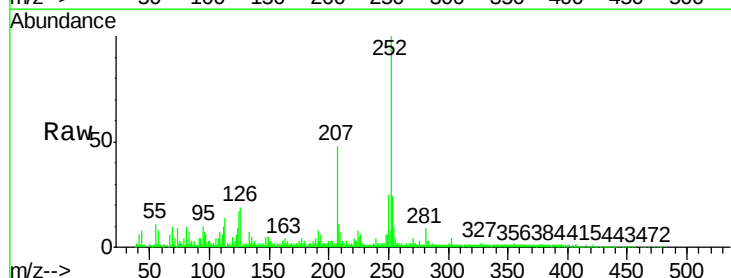
Tgt Ion:252 Resp: 373553

Ion Ratio Lower Upper

252 100

253 24.1 18.0 27.0

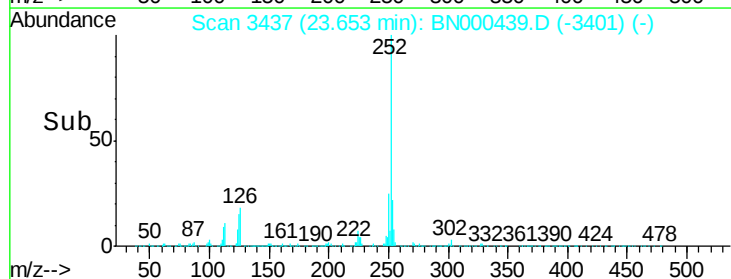
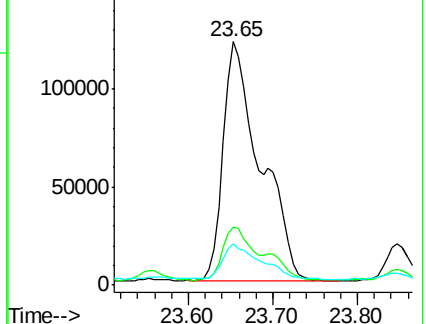
125 17.1 8.0 12.0#

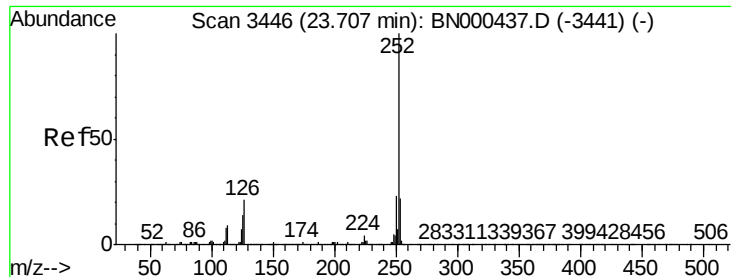


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#24

Benzo(k)fluoranthene

Concen: 7.447 ng/ul

RT: 23.65 min Scan# 3437

Delta R.T. -0.04 min

Lab File: BN000439.D

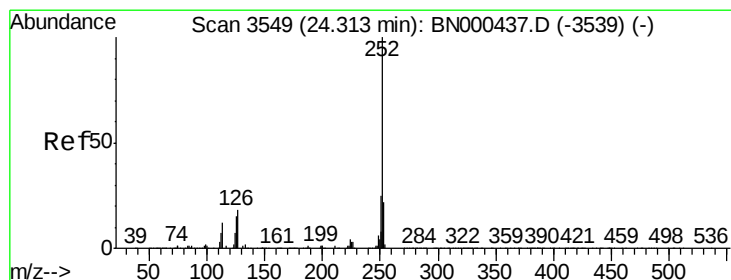
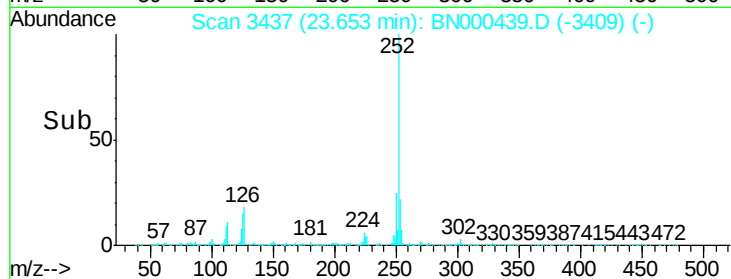
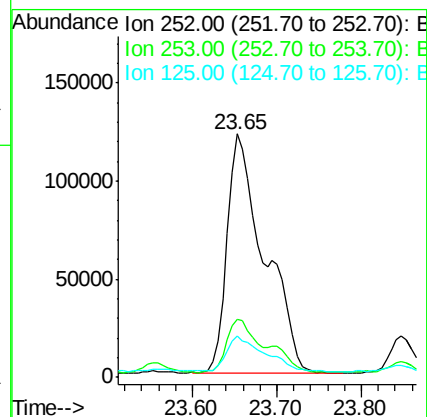
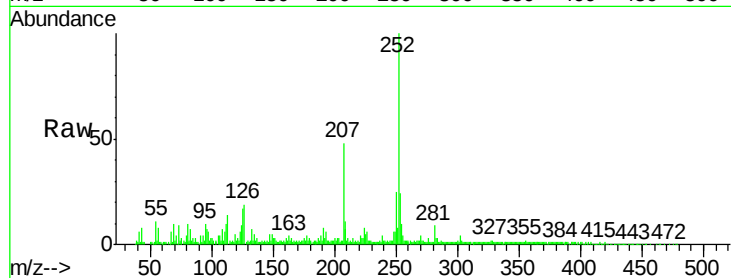
Acq: 16 Mar 2018 10:49

Instrument :

BNA_N

ClientSampleId :

Tot Ion:	252	Resp:	373352
Ion Ratio	Lower	Upper	
252	100		
253	24.1	18.0	27.0
125	17.1	8.1	12.1#



#26

Benzo(a)pyrene

Concen: 4.874 ng/ul

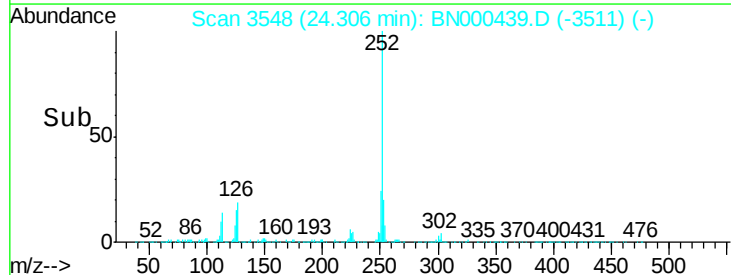
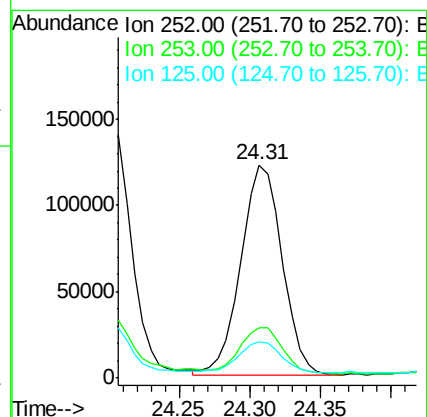
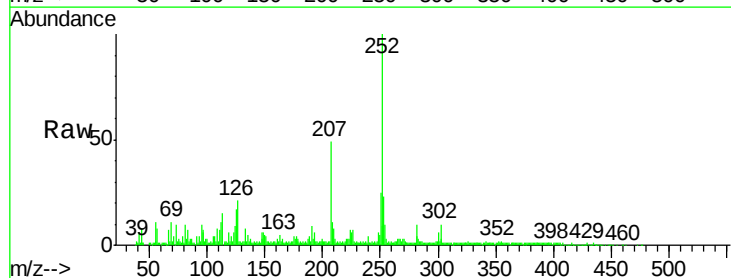
RT: 24.31 min Scan# 3548

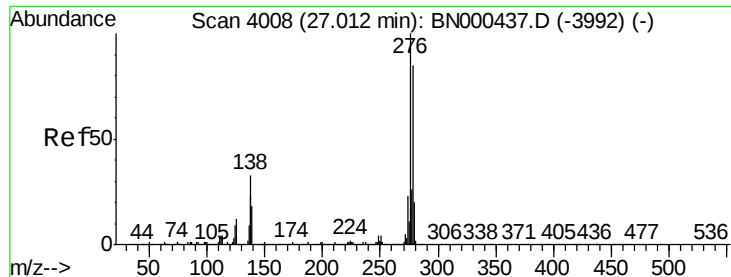
Delta R.T. 0.02 min

Lab File: BN000439.D

Acq: 16 Mar 2018 10:49

Tgt Ion:	252	Resp:	248463
Ion Ratio	Lower	Upper	
252	100		
253	23.4	17.2	25.8
125	16.9	8.2	12.4#





#27

Indeno(1,2,3-cd)pyrene

Concen: 2.618 ng/ul

RT: 27.00 min Scan# 4006

Delta R.T. 0.02 min

Lab File: BN000439.D

Acq: 16 Mar 2018 10:49

Instrument :

BNA_N

ClientSampleId :

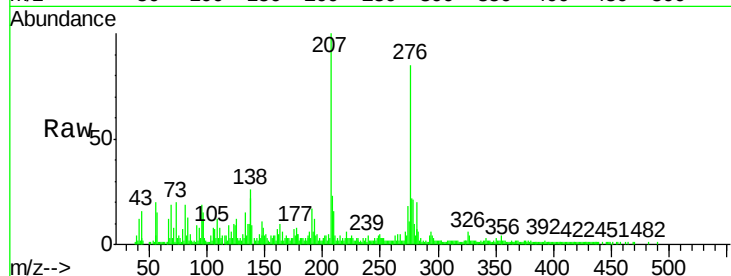
Tot Ion:276 Resp: 143870

Ion Ratio Lower Upper

276 100

138 31.2 14.4 21.6#

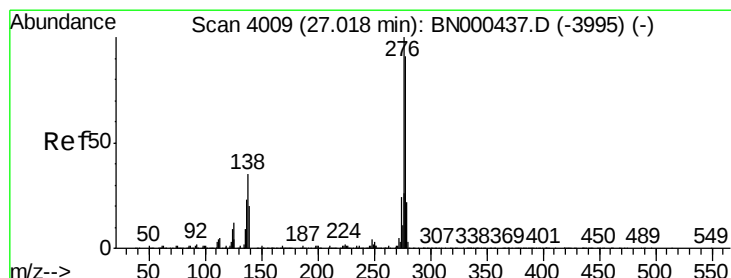
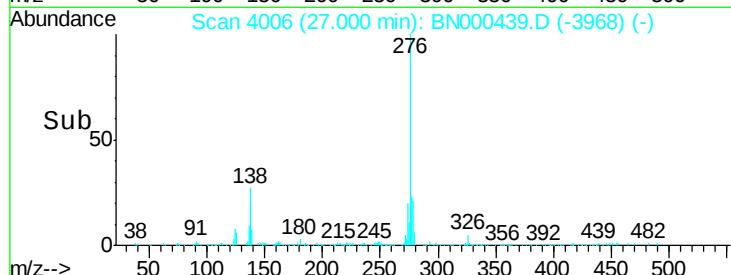
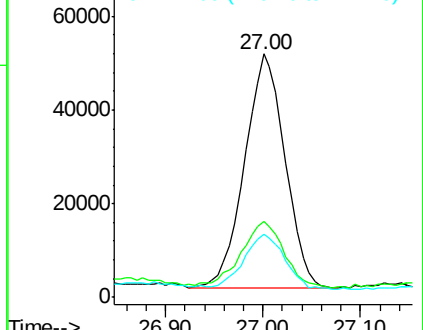
277 26.0 18.0 27.0



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: 1.032 ng/ul

RT: 26.99 min Scan# 4005

Delta R.T. 0.01 min

Lab File: BN000439.D

Acq: 16 Mar 2018 10:49

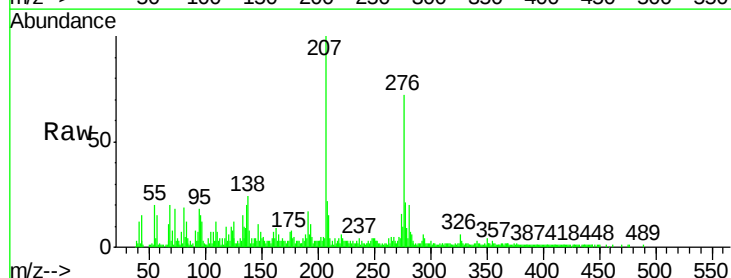
Tgt Ion:278 Resp: 46490

Ion Ratio Lower Upper

278 100

139 38.4 12.2 18.4#

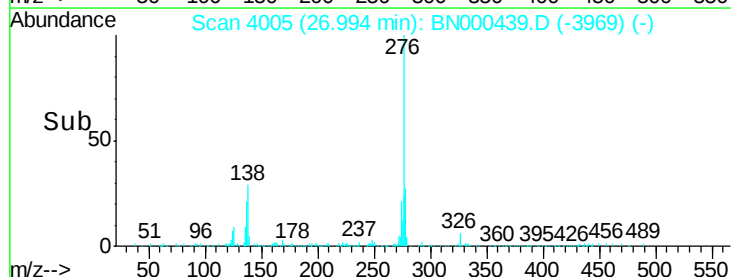
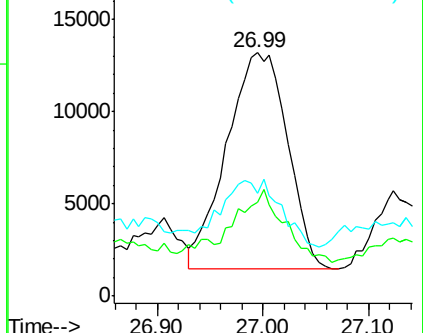
279 42.0 19.2 28.8#

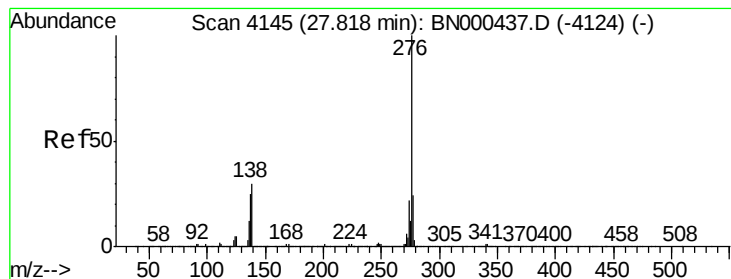


Abundance Ion 278.00 (277.70 to 278.70): E

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: 5.781 ng/ul

RT: 27.81 min Scan# 4143

Delta R.T. 0.03 min

Lab File: BN000439.D

Acq: 16 Mar 2018 10:49

Instrument :

BNA_N

ClientSampleId :

Tot Ion: 276 Resp: 265313

Ion Ratio Lower Upper

276 100

138 30.8 15.3 22.9#

277 25.6 19.0 28.4

