

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042618\
 Data File : BN000946.D
 Acq On : 26 Apr 2018 23:16
 Operator : JU/SJ
 Sample : J2526-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Apr 27 08:24:47 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 27 08:22:19 2018
 Response via : Initial Calibration

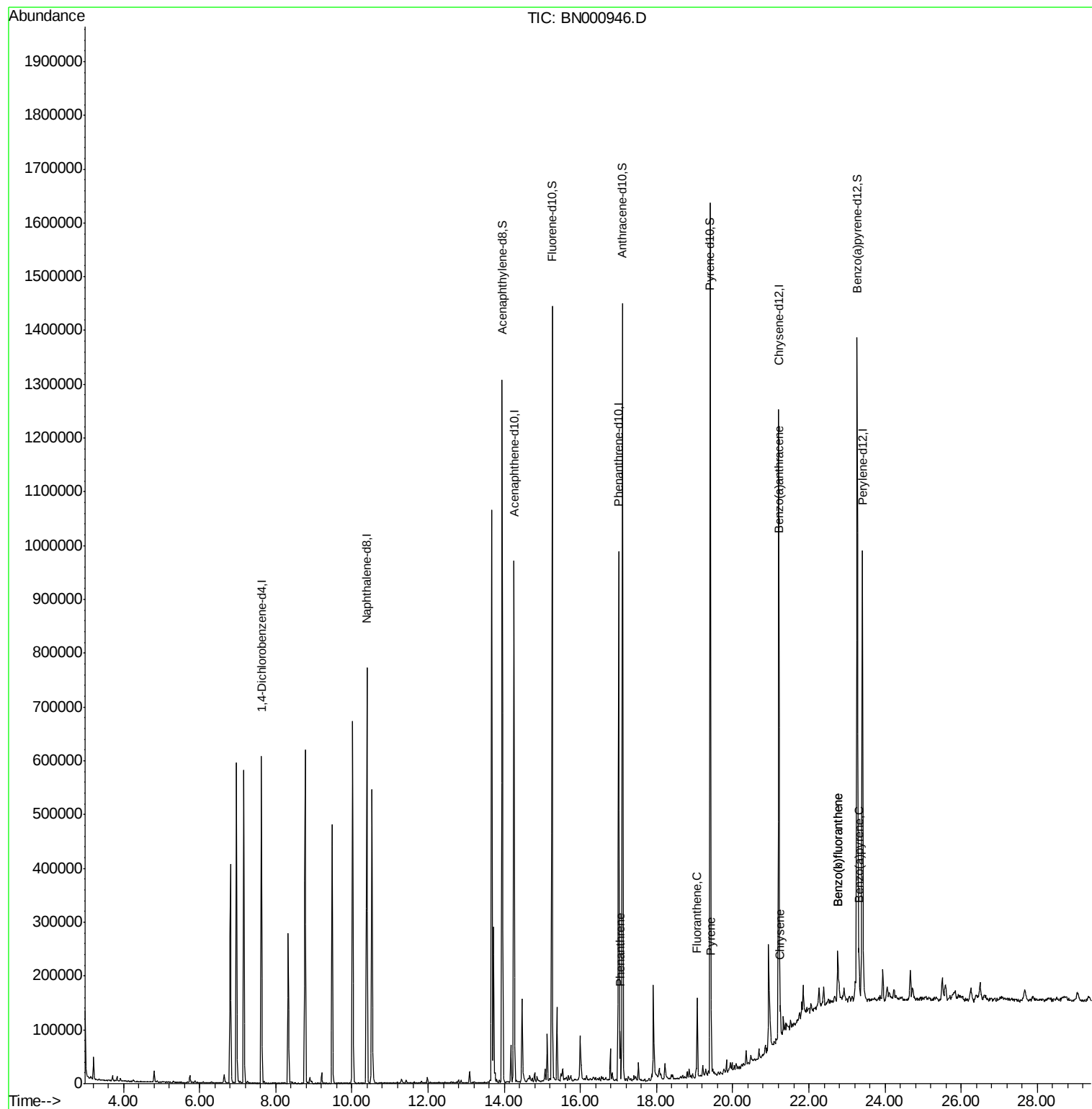
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	153532	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	627926	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	292481	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	524273	20.00	ng/ul	0.00
17) Chrysene-d12	21.21	240	492234	20.00	ng/ul	0.00
22) Perylene-d12	23.41	264	514273	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	13.95	160	812342	28.92	ng/ul	0.00
10) Fluorene-d10	15.26	176	538244	28.71	ng/ul	0.00
14) Anthracene-d10	17.10	188	705747	29.44	ng/ul	0.00
18) Pyrene-d10	19.41	212	726374	28.80	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.27	264	803765	33.09	ng/ul	0.00
Target Compounds				Ovalue		
13) Phenanthrene	17.05	178	48827	1.708	ng/ul	98
16) Fluoranthene	19.07	202	76104	2.623	ng/ul	95
19) Pyrene	19.44	202	60669	1.919	ng/ul#	92
20) Benzo(a)anthracene	21.20	228	31377	1.066	ng/ul#	89
21) Chrysene	21.25	228	34218	1.237	ng/ul	95
23) Benzo(b)fluoranthene	22.75	252	58288	1.994	ng/ul#	92
24) Benzo(k)fluoranthene	22.75	252	56832	1.987	ng/ul#	92
26) Benzo(a)pyrene	23.32	252	31999	1.146	ng/ul#	88

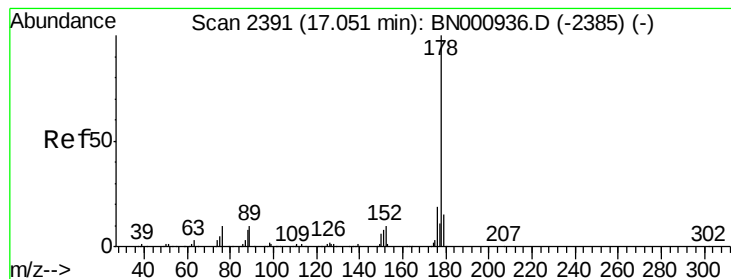
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Phenanthrene

Concen: 1.708 ng/ul

RT: 17.05 min Scan# 2390

Delta R.T. -0.01 min

Lab File: BN000946.D

Acq: 26 Apr 2018 23:16

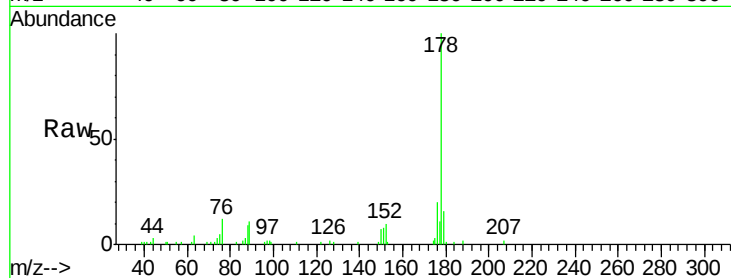
Instrument :

BNA_N

ClientSampled :

Tot Ion:178 Resp: 48827

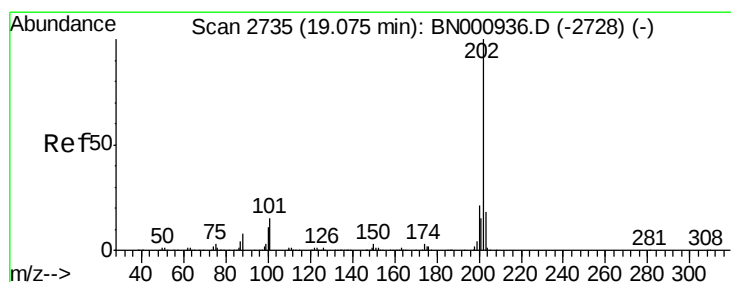
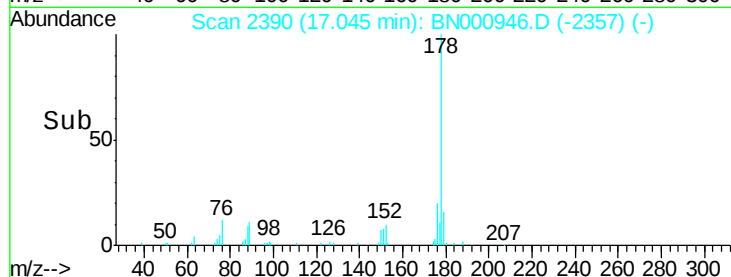
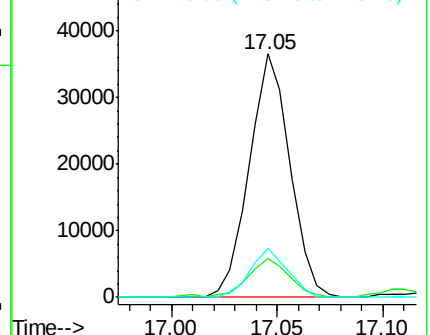
Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.3	18.5
176	20.1	15.1	22.7



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



#16

Fluoranthene

Concen: 2.623 ng/ul

RT: 19.07 min Scan# 2734

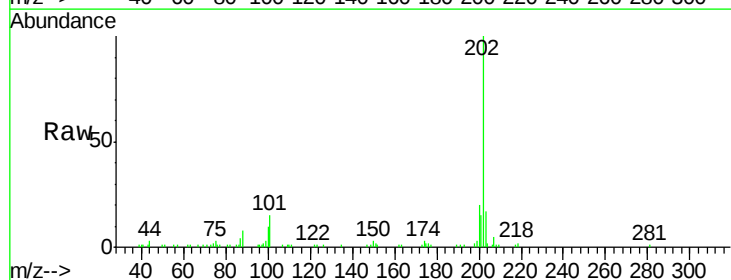
Delta R.T. -0.01 min

Lab File: BN000946.D

Acq: 26 Apr 2018 23:16

Tgt Ion:202 Resp: 76104

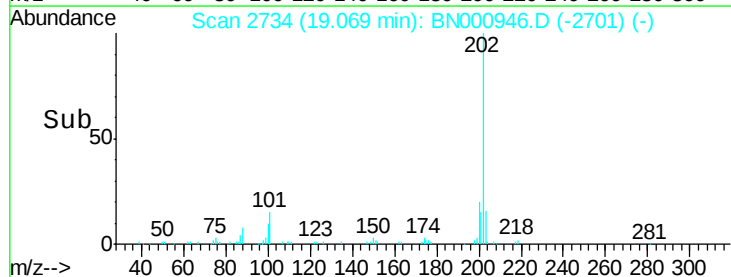
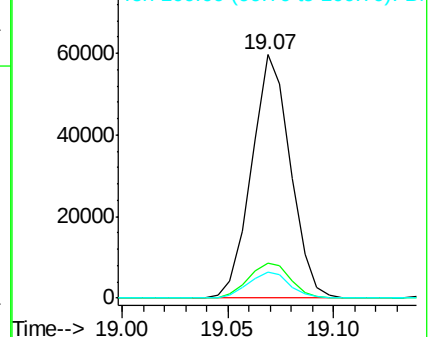
Ion	Ratio	Lower	Upper
202	100		
101	14.6	9.9	14.9
100	10.4	7.4	11.0

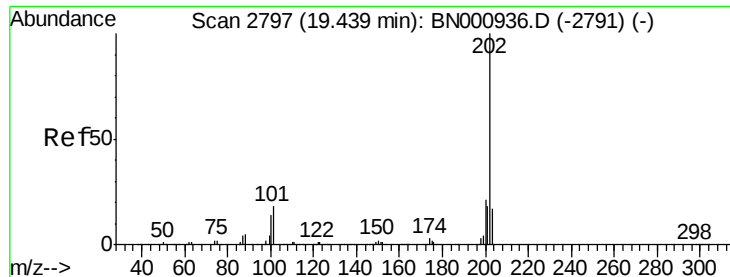


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#19

Pvrene

Concen: 1.919 ng/ul

RT: 19.44 min Scan# 2797

Delta R.T. -0.00 min

Lab File: BN000946.D

Acq: 26 Apr 2018 23:16

Instrument :

BNA_N

ClientSampled :

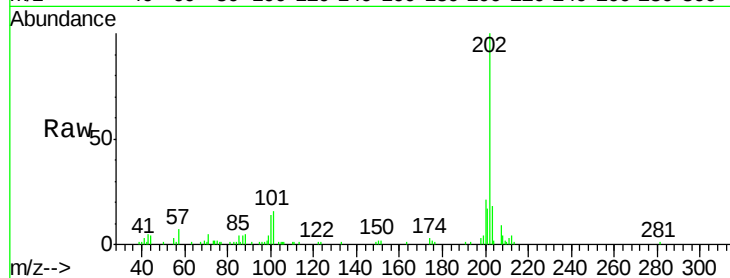
Tot Ion:202 Resp: 60669

Ion Ratio Lower Upper

202 100

101 16.4 11.0 16.4

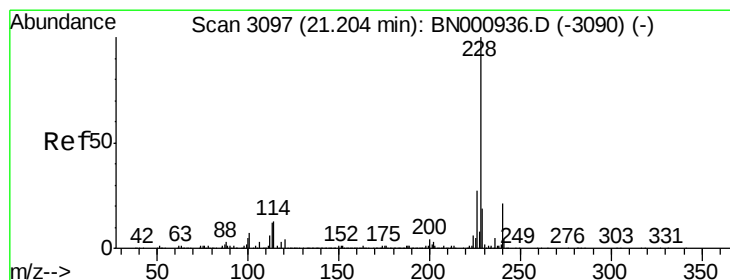
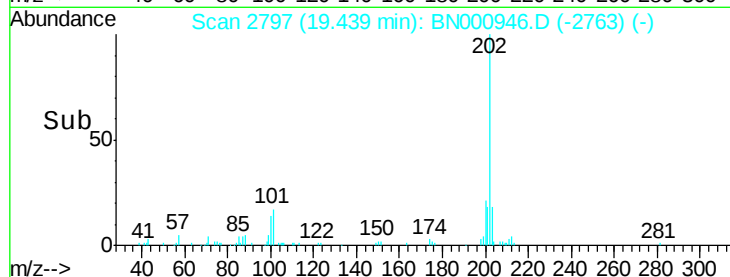
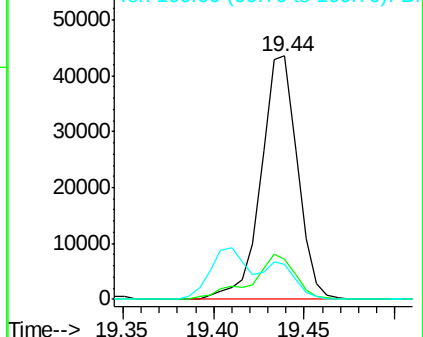
100 14.1 8.1 12.1#



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: 1.066 ng/ul

RT: 21.20 min Scan# 3096

Delta R.T. -0.01 min

Lab File: BN000946.D

Acq: 26 Apr 2018 23:16

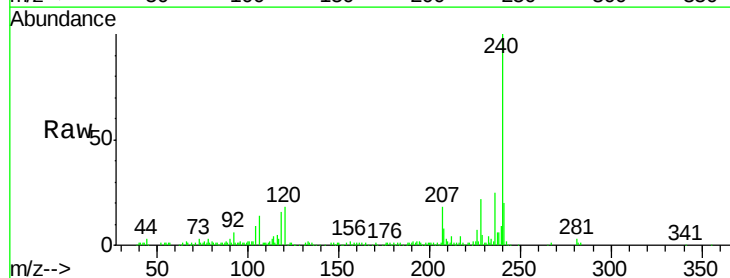
Tgt Ion:228 Resp: 31377

Ion Ratio Lower Upper

228 100

229 23.5 15.7 23.5#

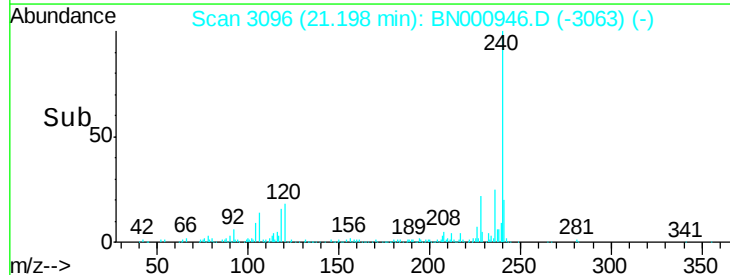
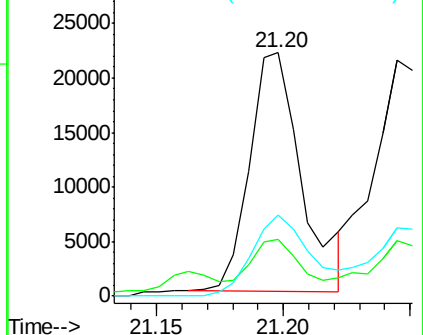
226 33.1 21.1 31.7#

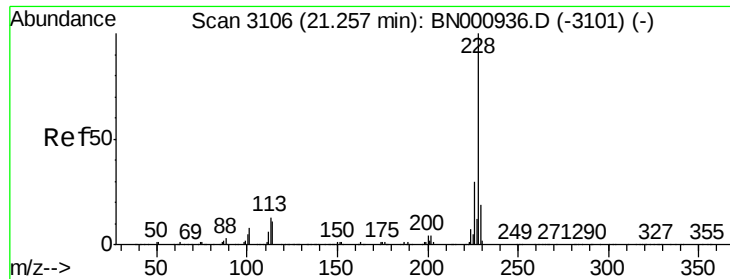


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#21

Chrysene

Concen: 1.237 ng/ul

RT: 21.25 min Scan# 3104

Delta R.T. -0.01 min

Lab File: BN000946.D

Acq: 26 Apr 2018 23:16

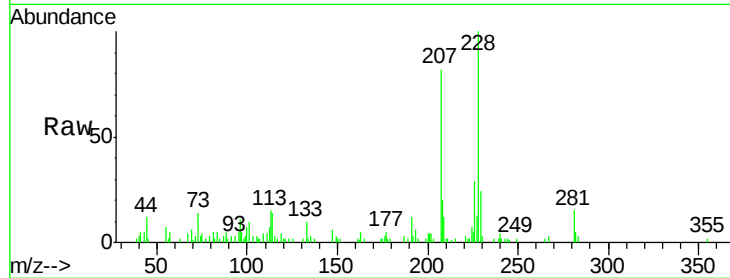
Instrument :

BNA_N

ClientSampleId :

Tot Ion:228 Resp: 34218

Ion	Ratio	Lower	Upper
228	100		
226	28.8	24.5	36.7
229	23.6	15.8	23.8

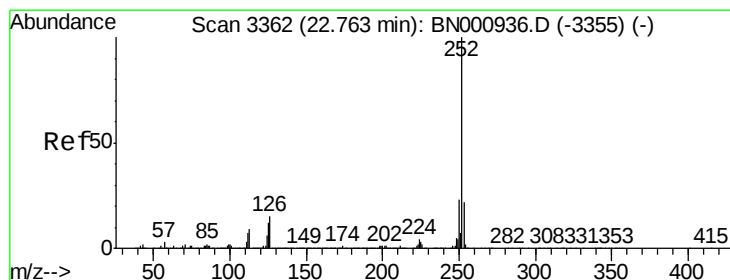
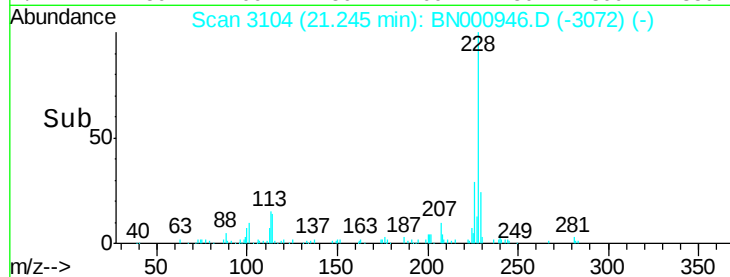
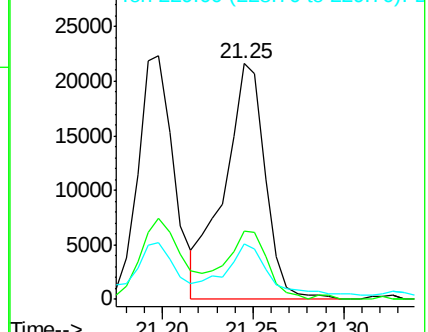


Abundance

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: 1.994 ng/ul

RT: 22.75 min Scan# 3360

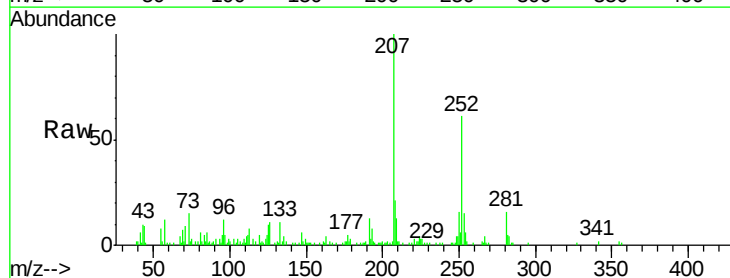
Delta R.T. -0.01 min

Lab File: BN000946.D

Acq: 26 Apr 2018 23:16

Tgt Ion:252 Resp: 58288

Ion	Ratio	Lower	Upper
252	100		
253	24.9	18.0	27.0
125	15.6	8.0	12.0

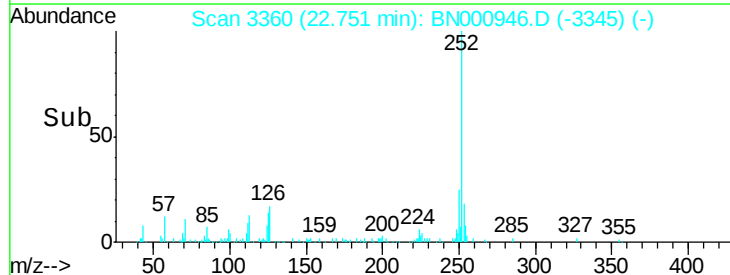
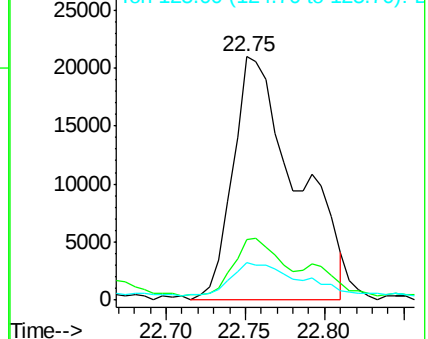


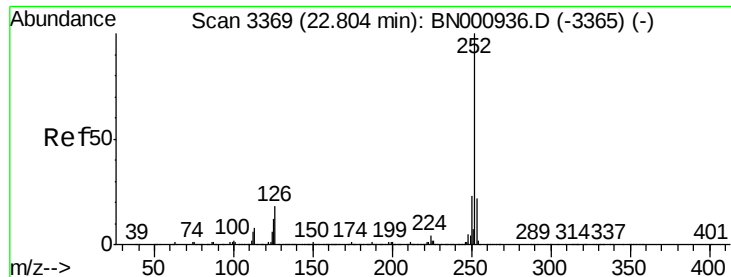
Abundance

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

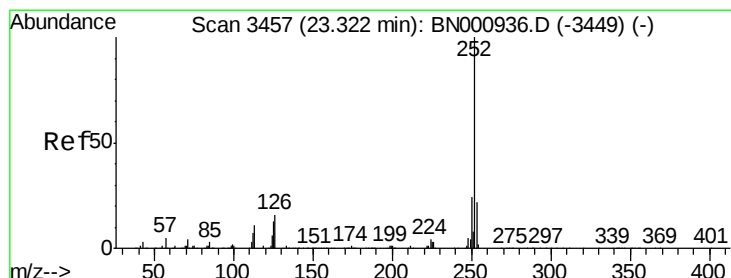
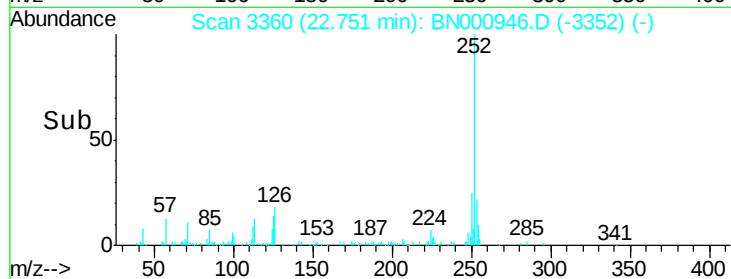
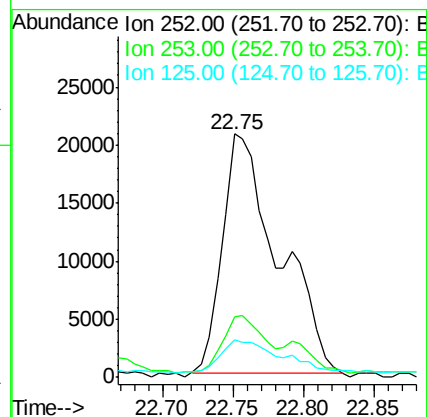
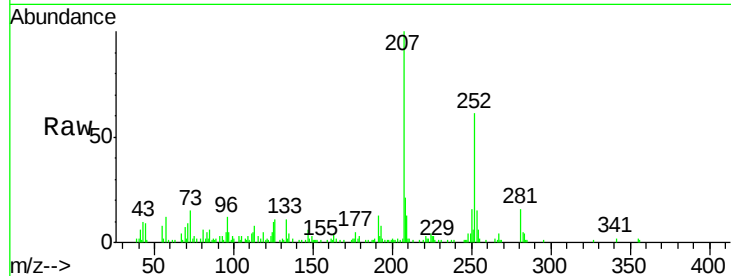




#24
Benzo(k)fluoranthene
Concen: 1.987 ng/ul
RT: 22.75 min Scan# 3360
Delta R.T. -0.05 min
Lab File: BN000946.D
Acq: 26 Apr 2018 23:16

Instrument :
BNA_N
ClientSampleId :

Tot Ion:252 Resp: 56832
Ion Ratio Lower Upper
252 100
253 24.9 18.0 27.0
125 15.6 8.1 12.1#



#26
Benzo(a)pyrene
Concen: 1.146 ng/ul
RT: 23.32 min Scan# 3456
Delta R.T. -0.01 min
Lab File: BN000946.D
Acq: 26 Apr 2018 23:16

Tgt Ion:252 Resp: 31999
Ion Ratio Lower Upper
252 100
253 25.4 17.2 25.8
125 17.4 8.2 12.4#

