

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042418\
 Data File : BN000871.D
 Acq On : 25 Apr 2018 03:12
 Operator : JU/SJ
 Sample : J2443-02
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Apr 25 08:37:27 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 25 08:30:17 2018
 Response via : Initial Calibration

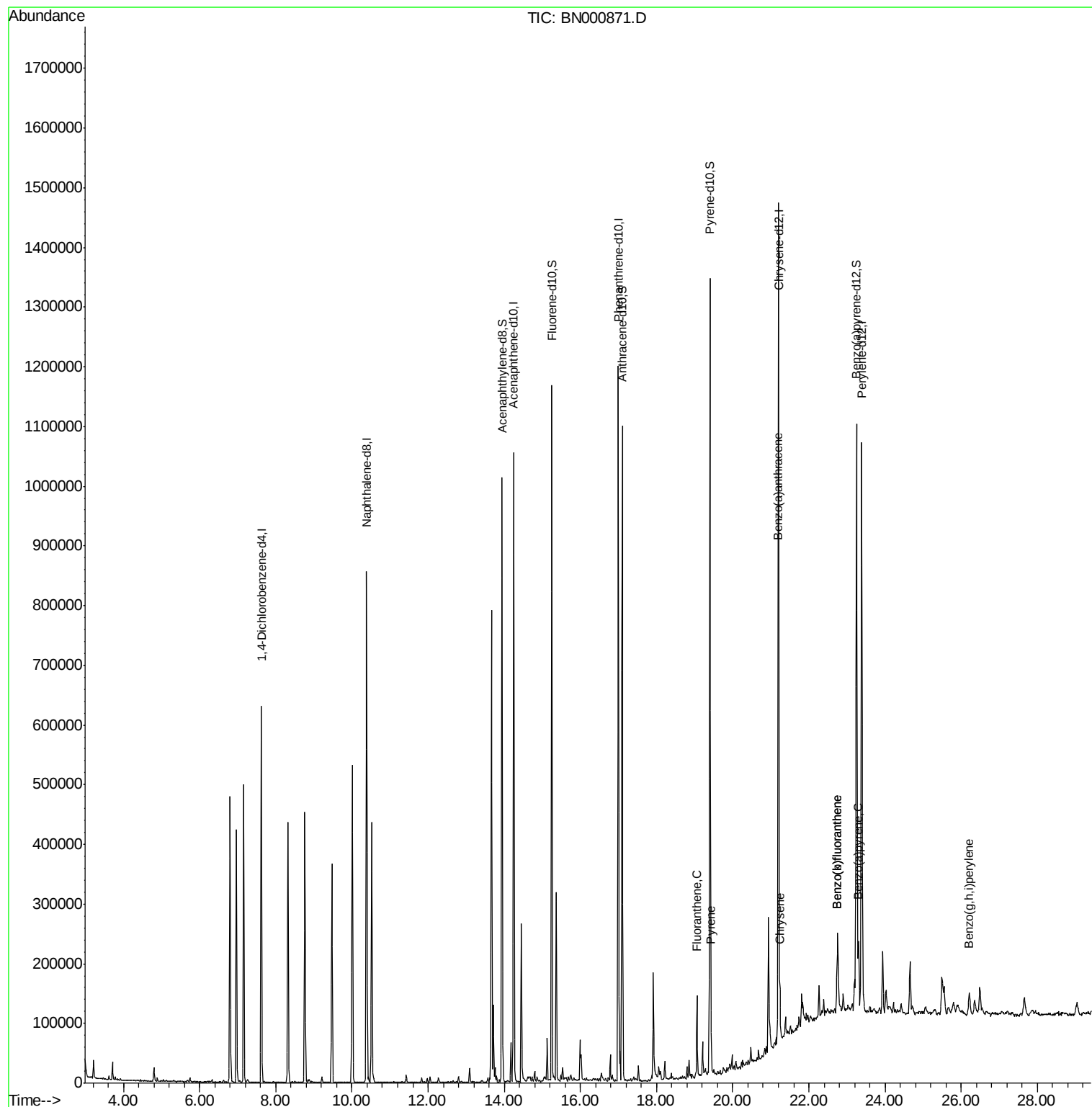
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	157084	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	668055	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	325956	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	623115	20.00	ng/ul	0.00
17) Chrysene-d12	21.20	240	580146	20.00	ng/ul	0.00
22) Perylene-d12	23.39	264	608832	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	13.94	160	664764	21.24	ng/ul	0.00
10) Fluorene-d10	15.25	176	418763	20.04	ng/ul	0.00
14) Anthracene-d10	17.10	188	563475	19.77	ng/ul	0.00
18) Pyrene-d10	19.40	212	599694	20.17	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.25	264	574050	19.96	ng/ul	0.00
Target Compounds				Ovalue		
16) Fluoranthene	19.06	202	69996	2.030	ng/ul#	92
19) Pyrene	19.43	202	62770	1.684	ng/ul#	89
20) Benzo(a)anthracene	21.19	228	39583	1.141	ng/ul	93
21) Chrysene	21.24	228	42242	1.296	ng/ul	96
23) Benzo(b)fluoranthene	22.74	252	65401	1.890	ng/ul#	91
24) Benzo(k)fluoranthene	22.74	252	61719	1.823	ng/ul#	91
26) Benzo(a)pyrene	23.29	252	44158	1.335	ng/ul#	92
29) Benzo(g,h,i)perylene	26.21	276	39401	1.180	ng/ul#	90

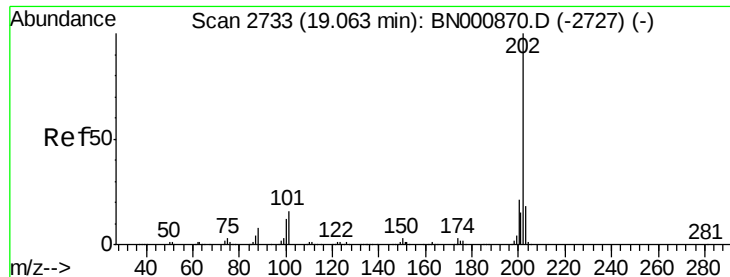
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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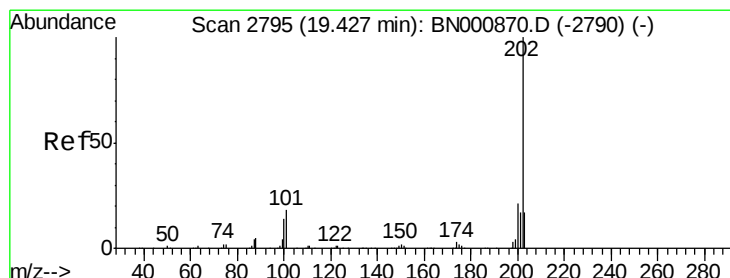
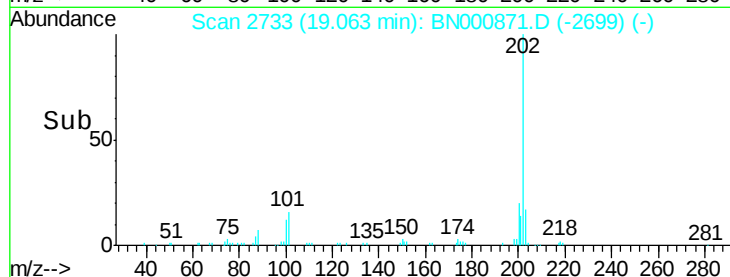
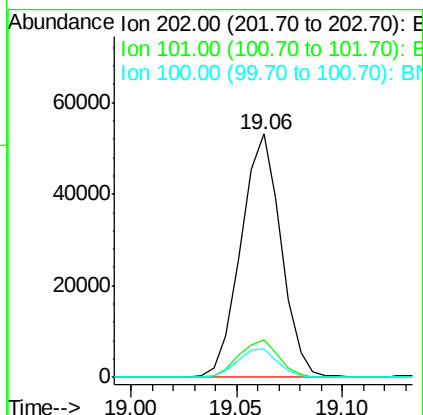
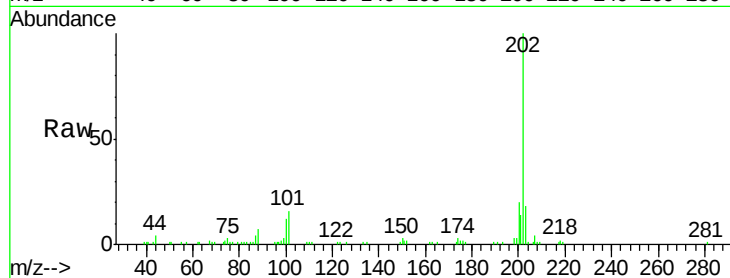




#16
Fluoranthene
 Concen: 2.030 ng/ul
 RT: 19.06 min Scan# 2733
 Delta R.T. -0.00 min
 Lab File: BN000871.D
 Acq: 25 Apr 2018 03:12

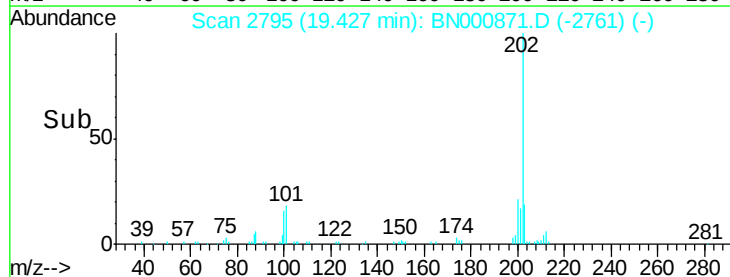
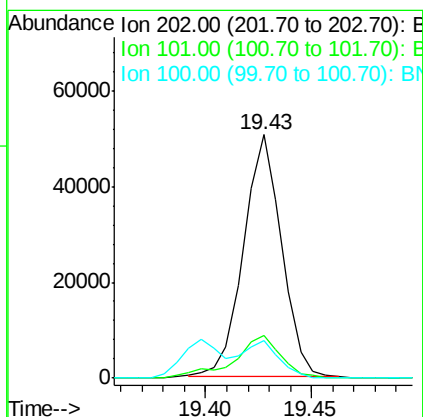
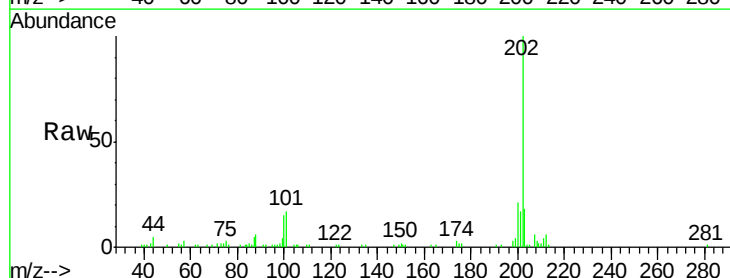
Instrument :
 BNA_N
 ClientSampleId :

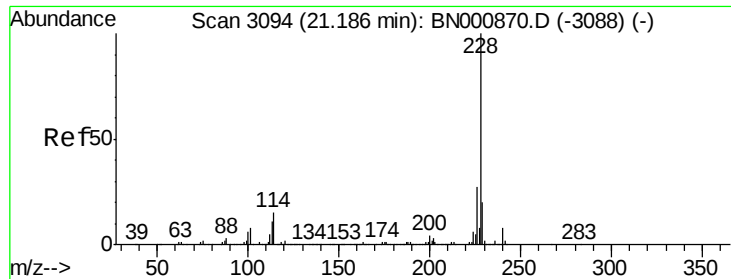
Tot Ion	Ratio	Lower	Upper
202	100		
101	15.6	9.9	14.9#
100	11.9	7.4	11.0#



#19
Pyrene
 Concen: 1.684 ng/ul
 RT: 19.43 min Scan# 2795
 Delta R.T. -0.00 min
 Lab File: BN000871.D
 Acq: 25 Apr 2018 03:12

Tgt Ion	Ratio	Lower	Upper
202	100		
101	17.4	11.0	16.4#
100	15.4	8.1	12.1#

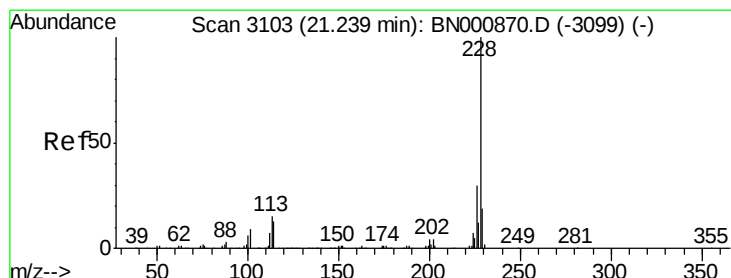
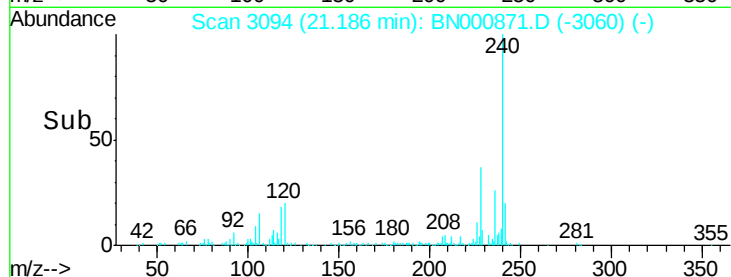
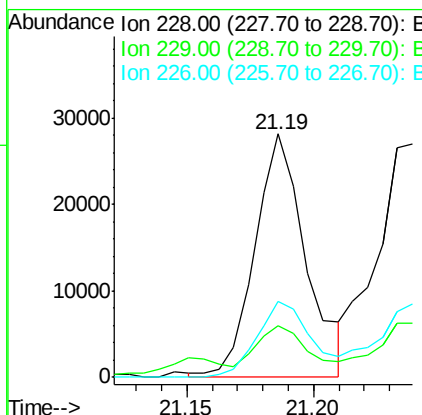
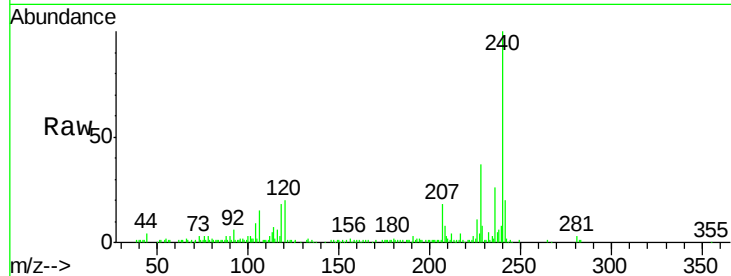




#20
Benzo(a)anthracene
Concen: 1.141 ng/ul
RT: 21.19 min Scan# 3094
Delta R.T. -0.00 min
Lab File: BN000871.D
Acq: 25 Apr 2018 03:12

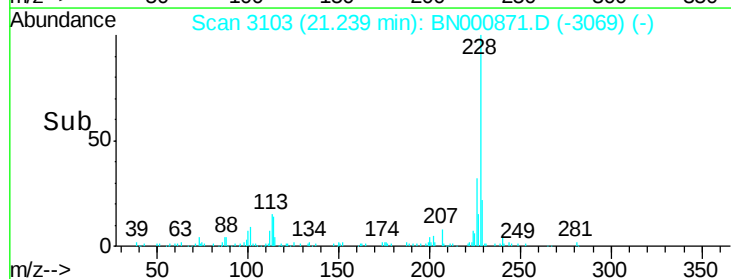
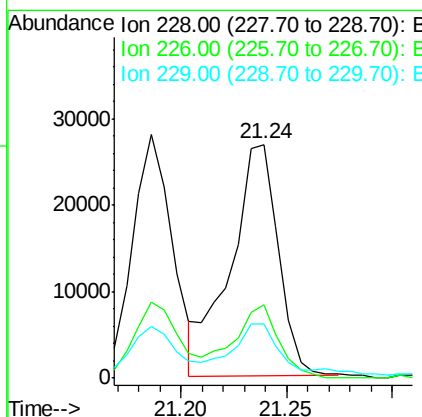
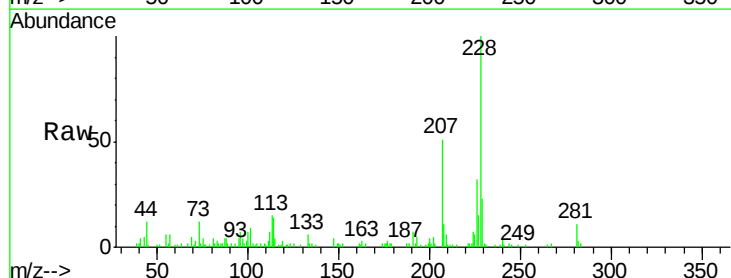
Instrument :
BNA_N
ClientSampleId :

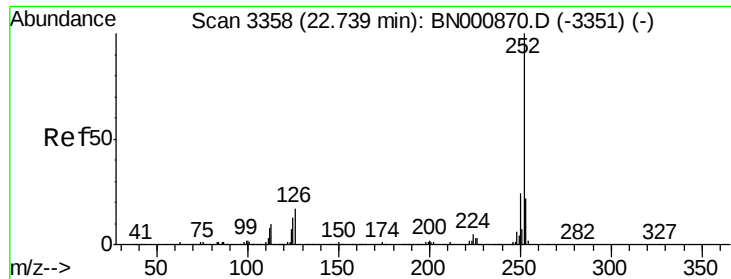
Tot Ion:228 Resp: 39583
Ion Ratio Lower Upper
228 100
229 21.2 15.7 23.5
226 31.1 21.1 31.7



#21
Chrysene
Concen: 1.296 ng/ul
RT: 21.24 min Scan# 3103
Delta R.T. -0.00 min
Lab File: BN000871.D
Acq: 25 Apr 2018 03:12

Tgt Ion:228 Resp: 42242
Ion Ratio Lower Upper
228 100
226 31.6 24.5 36.7
229 23.4 15.8 23.8





#23

Benzo(b)fluoranthene

Concen: 1.890 ng/ul

RT: 22.74 min Scan# 3358

Delta R.T. -0.00 min

Lab File: BN000871.D

Acq: 25 Apr 2018 03:12

Instrument :

BNA_N

ClientSampleId :

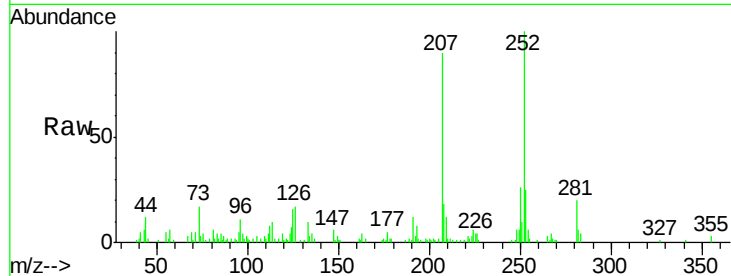
Tot Ion:252 Resp: 65401

Ion Ratio Lower Upper

252 100

253 25.4 18.0 27.0

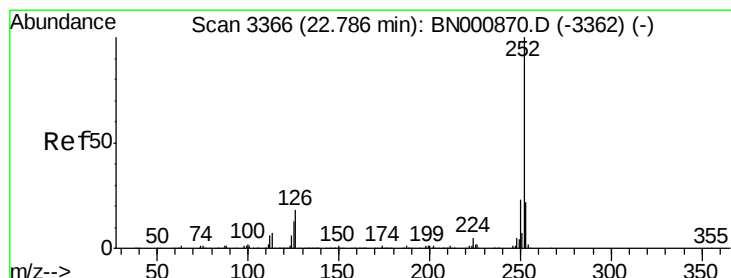
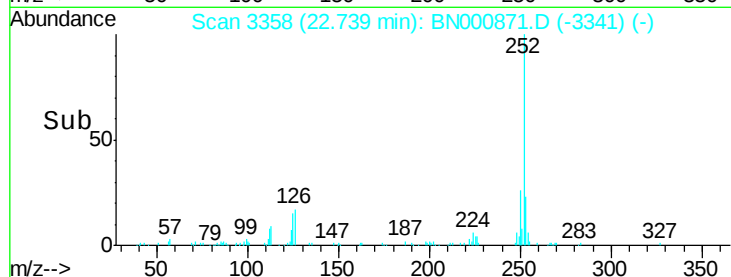
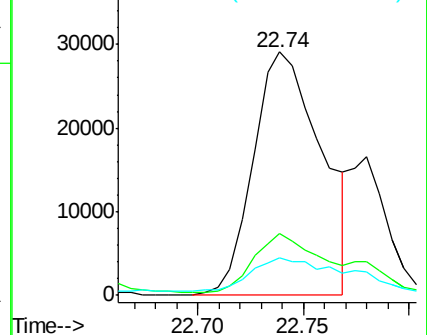
125 15.6 8.0 12.0#



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: 1.823 ng/ul

RT: 22.74 min Scan# 3358

Delta R.T. -0.05 min

Lab File: BN000871.D

Acq: 25 Apr 2018 03:12

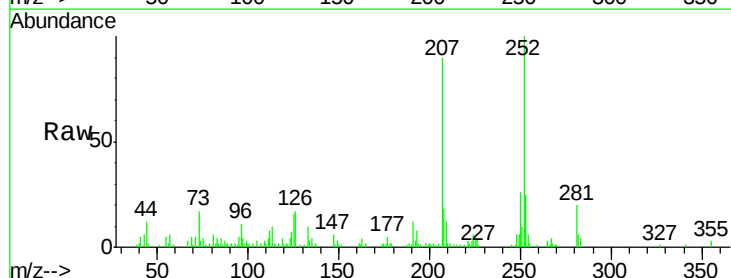
Tgt Ion:252 Resp: 61719

Ion Ratio Lower Upper

252 100

253 25.4 18.0 27.0

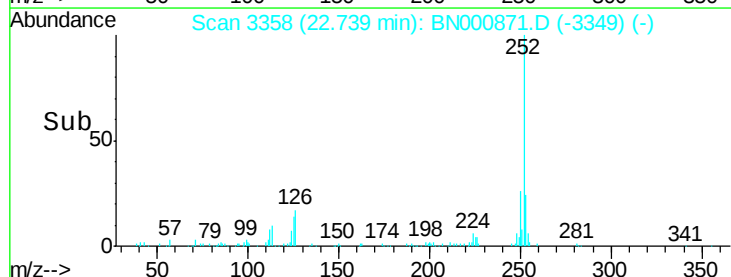
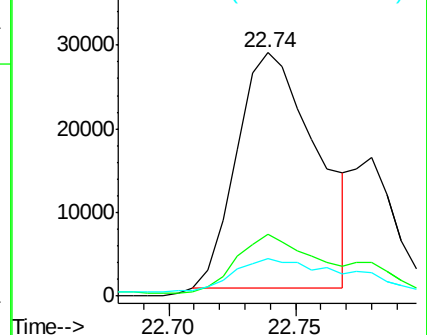
125 15.6 8.1 12.1#

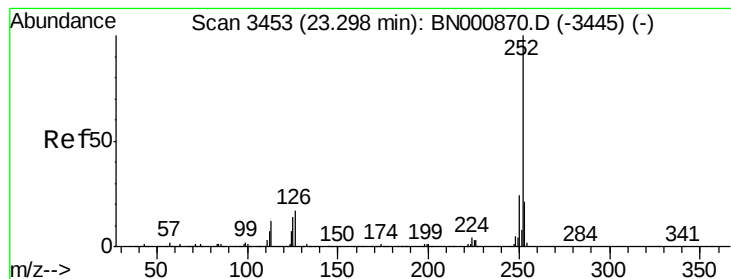


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#26

Benzo(a)pyrene

Concen: 1.335 ng/ul

RT: 23.29 min Scan# 3452

Delta R.T. -0.01 min

Lab File: BN000871.D

Acq: 25 Apr 2018 03:12

Instrument :

BNA_N

ClientSampleId :

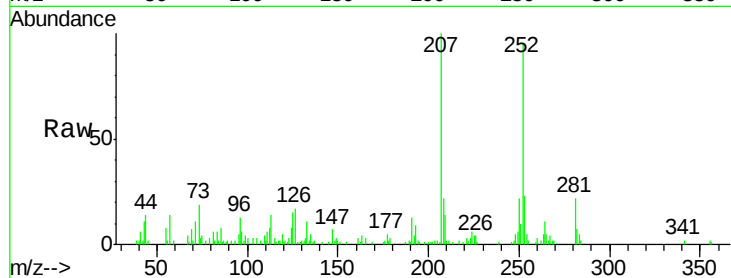
Tot Ion:252 Resp: 44158

Ion Ratio Lower Upper

252 100

253 24.2 17.2 25.8

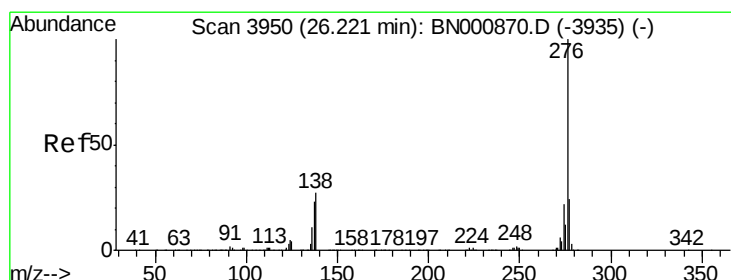
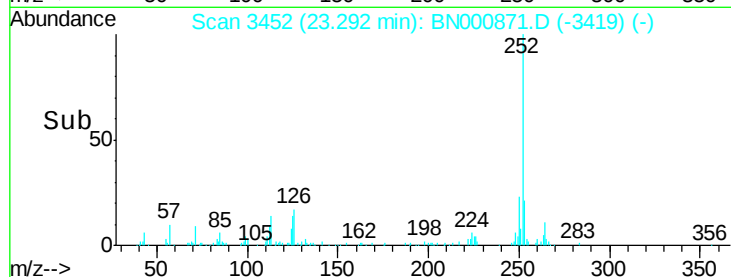
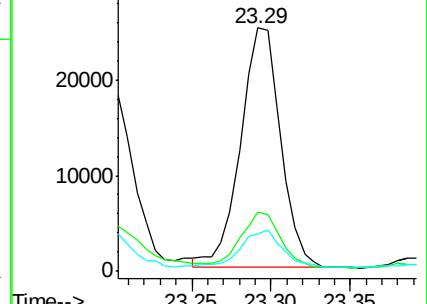
125 15.7 8.2 12.4#



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



#29

Benzo(g,h,i)perylene

Concen: 1.180 ng/ul

RT: 26.21 min Scan# 3948

Delta R.T. -0.01 min

Lab File: BN000871.D

Acq: 25 Apr 2018 03:12

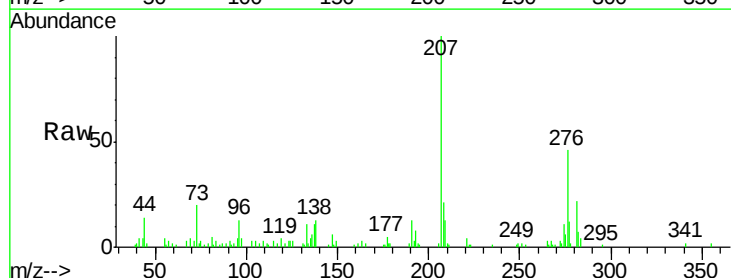
Tgt Ion:276 Resp: 39401

Ion Ratio Lower Upper

276 100

138 27.6 15.3 22.9#

277 25.5 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

