

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042618\
 Data File : BN000955.D
 Acq On : 27 Apr 2018 04:38
 Operator : JU/SJ
 Sample : J2526-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Apr 27 09:26:13 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 27 09:25:35 2018
 Response via : Initial Calibration

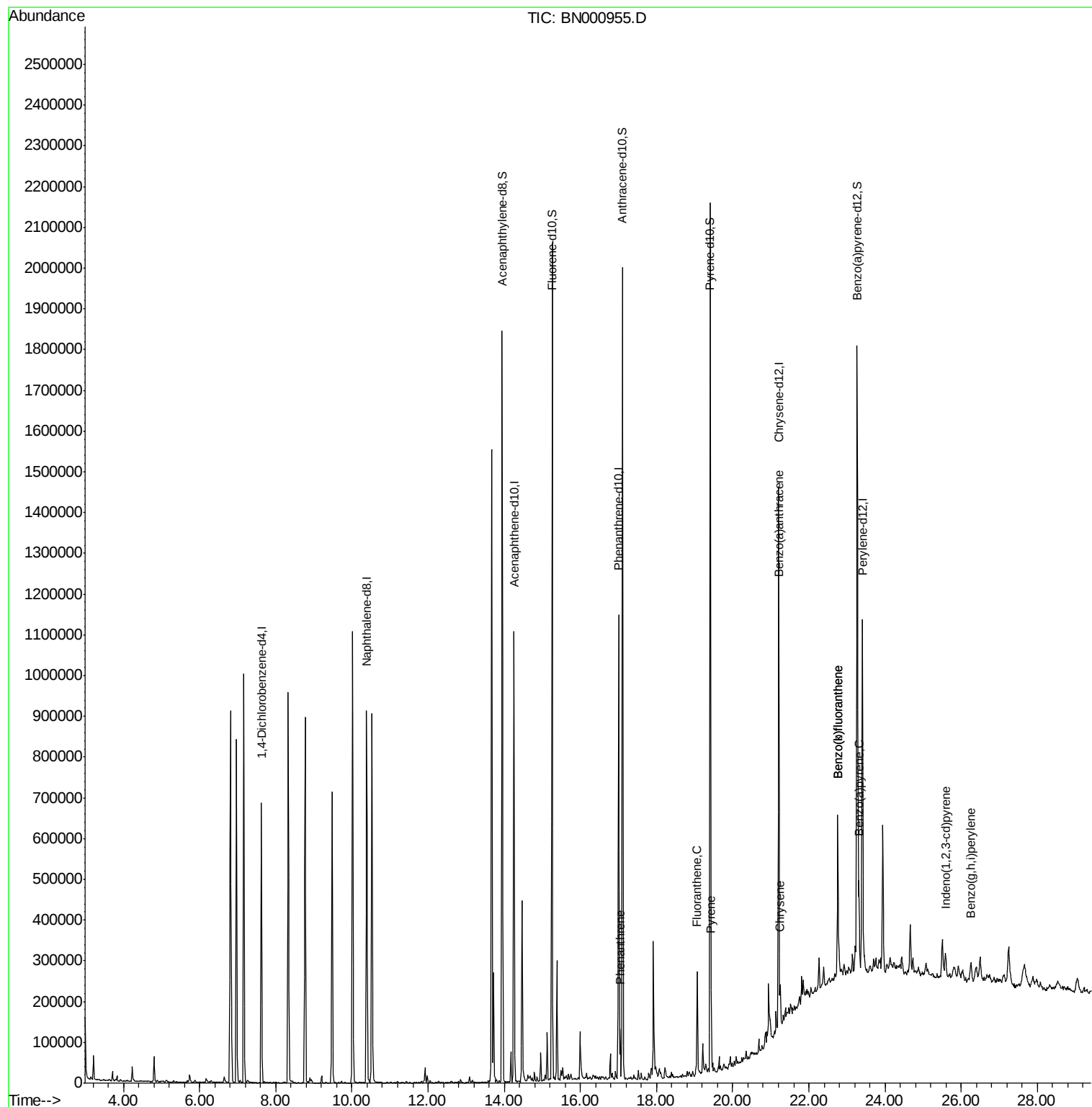
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	171077	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	714199	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	339131	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	593490	20.00	ng/ul	0.00
17) Chrysene-d12	21.21	240	522029	20.00	ng/ul	0.00
22) Perylene-d12	23.41	264	545352	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	13.95	160	1188449	36.49	ng/ul	0.00
10) Fluorene-d10	15.26	176	776186	35.70	ng/ul	0.00
14) Anthracene-d10	17.10	188	998159	36.78	ng/ul	0.00
18) Pyrene-d10	19.41	212	969882	36.26	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.27	264	1040676	40.40	ng/ul	0.00
Target Compounds				Ovalue		
13) Phenanthrene	17.05	178	67855	2.096	ng/ul	99
16) Fluoranthene	19.07	202	134567	4.098	ng/ul#	91
19) Pyrene	19.44	202	108261	3.229	ng/ul#	91
20) Benzo(a)anthracene	21.20	228	66102	2.118	ng/ul	97
21) Chrysene	21.24	228	60106	2.049	ng/ul	97
23) Benzo(b)fluoranthene	22.75	252	100275	3.235	ng/ul#	91
24) Benzo(k)fluoranthene	22.75	252	124050	4.090	ng/ul#	91
26) Benzo(a)pyrene	23.31	252	61705	2.083	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	25.59	276	47602	1.331	ng/ul#	85
29) Benzo(g,h,i)perylene	26.25	276	39897	1.333	ng/ul#	89

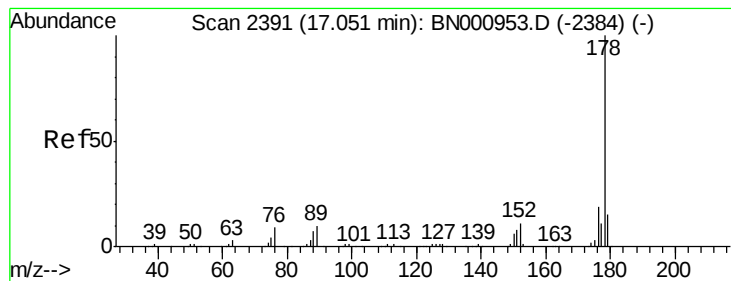
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Apr 27 09:25:35 2018
Response via : Initial Calibration





#13

Phenanthrene

Concen: 2.096 ng/ul

RT: 17.05 min Scan# 2390

Delta R.T. -0.01 min

Lab File: BN000955.D

Acq: 27 Apr 2018 04:38

Instrument :

BNA_N

ClientSampleId :

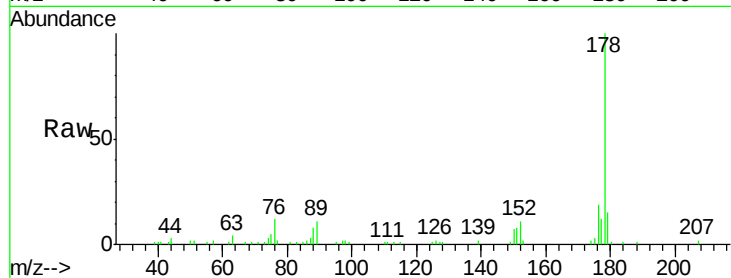
Tot Ion:178 Resp: 67855

Ion Ratio Lower Upper

178 100

179 15.0 12.3 18.5

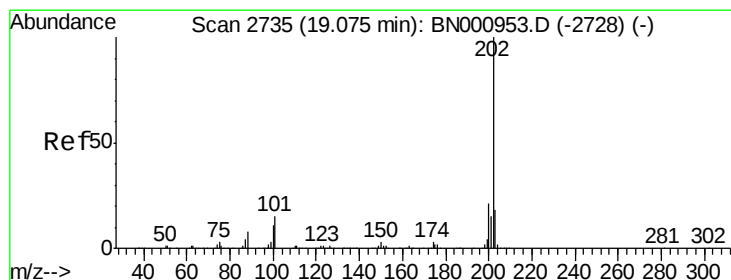
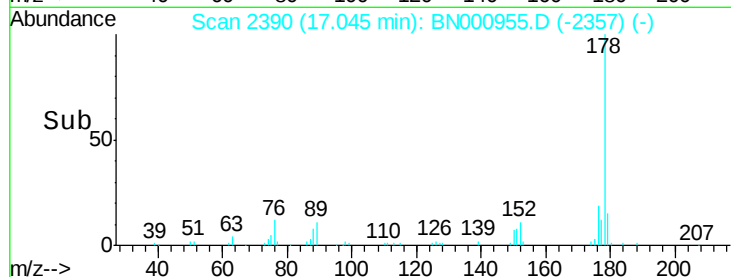
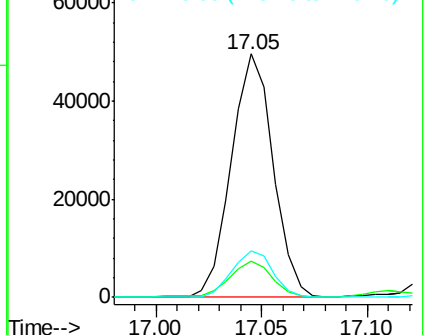
176 19.1 15.1 22.7



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



#16

Fluoranthene

Concen: 4.098 ng/ul

RT: 19.07 min Scan# 2734

Delta R.T. -0.01 min

Lab File: BN000955.D

Acq: 27 Apr 2018 04:38

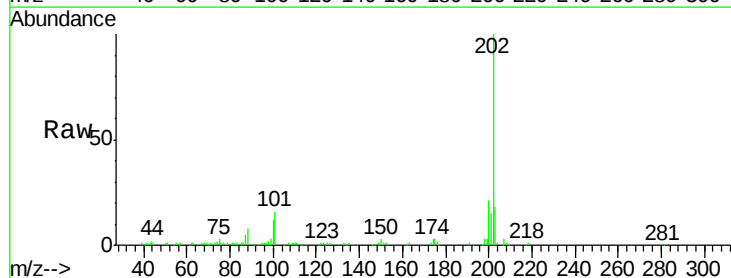
Tgt Ion:202 Resp: 134567

Ion Ratio Lower Upper

202 100

101 15.8 9.9 14.9#

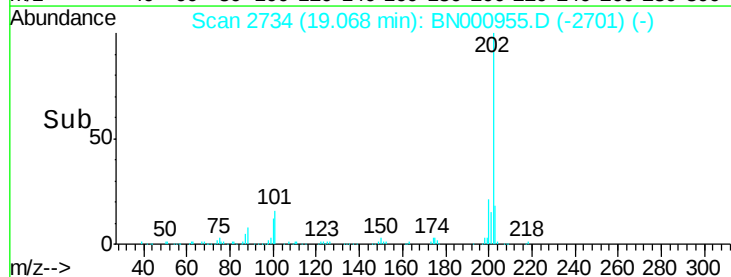
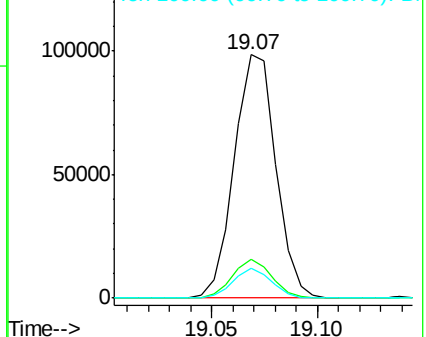
100 12.2 7.4 11.0#

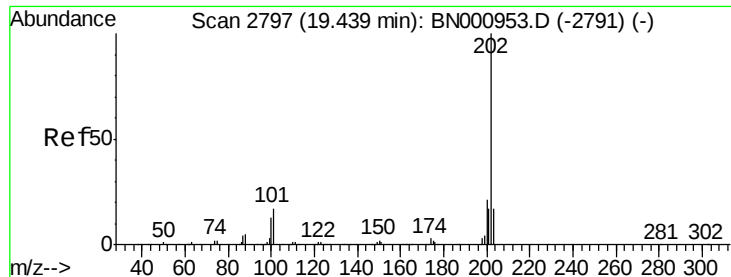


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#19

Pvrene

Concen: 3.229 ng/ul

RT: 19.44 min Scan# 2797

Delta R.T. -0.00 min

Lab File: BN000955.D

Acq: 27 Apr 2018 04:38

Instrument :

BNA_N

ClientSampleId :

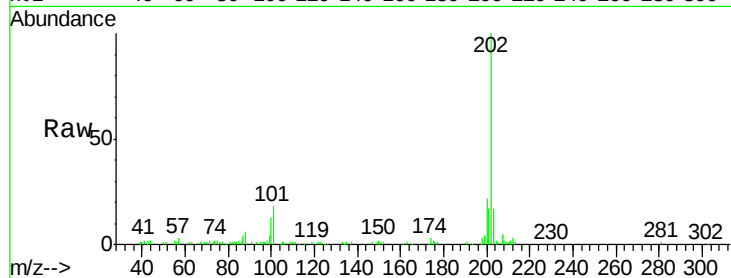
Tot Ion:202 Resp: 108261

Ion Ratio Lower Upper

202 100

101 17.5 11.0 16.4#

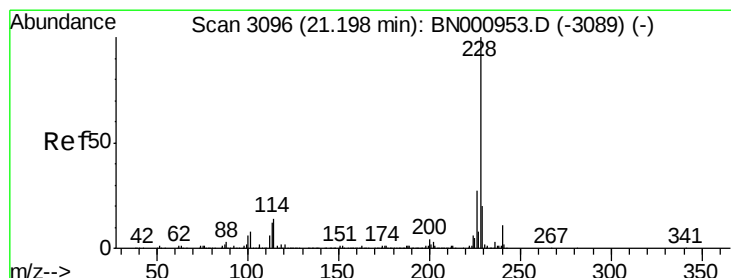
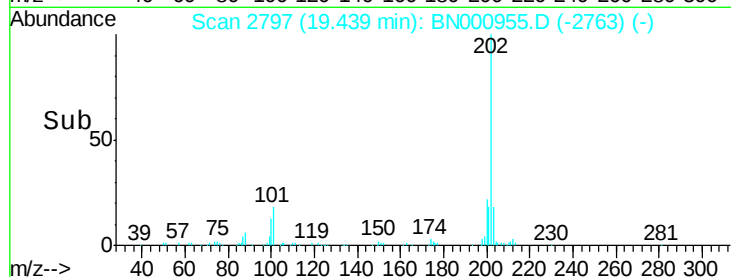
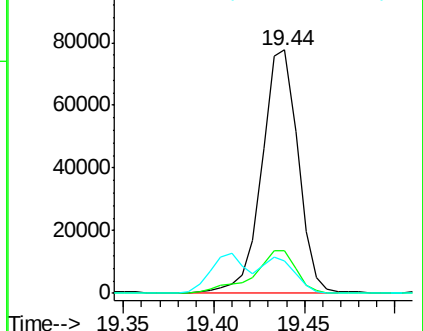
100 13.3 8.1 12.1#



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: 2.118 ng/ul

RT: 21.20 min Scan# 3096

Delta R.T. -0.00 min

Lab File: BN000955.D

Acq: 27 Apr 2018 04:38

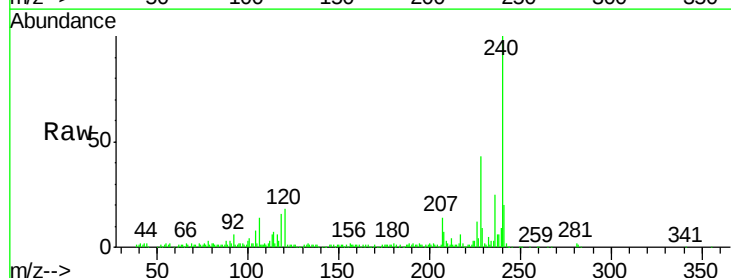
Tgt Ion:228 Resp: 66102

Ion Ratio Lower Upper

228 100

229 20.3 15.7 23.5

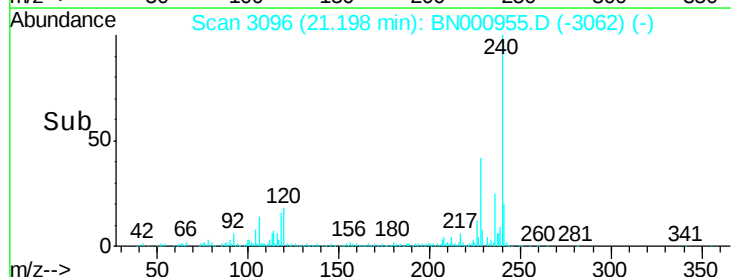
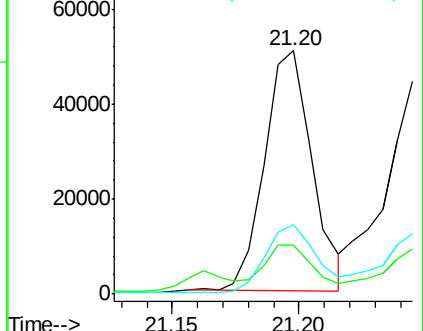
226 28.6 21.1 31.7

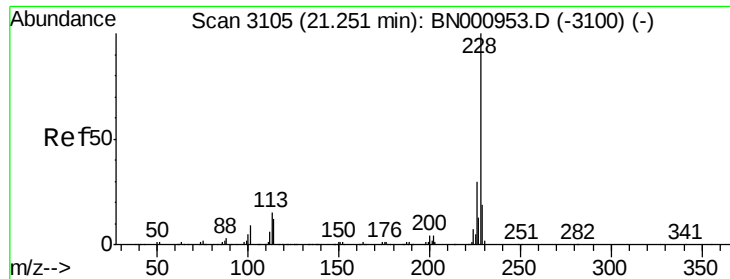


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#21

Chrysene

Concen: 2.049 ng/ul

RT: 21.24 min Scan# 3104

Delta R.T. -0.01 min

Lab File: BN000955.D

Acq: 27 Apr 2018 04:38

Instrument :

BNA_N

ClientSampleId :

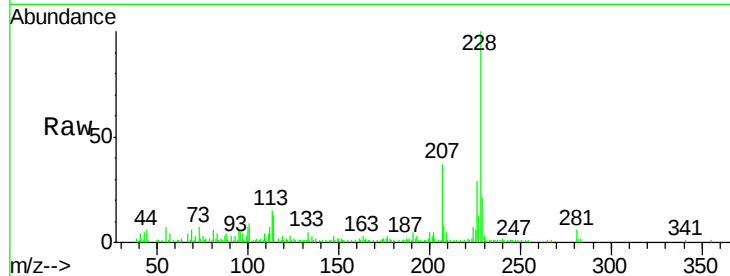
Tot Ion:228 Resp: 60106

Ion Ratio Lower Upper

228 100

226 28.8 24.5 36.7

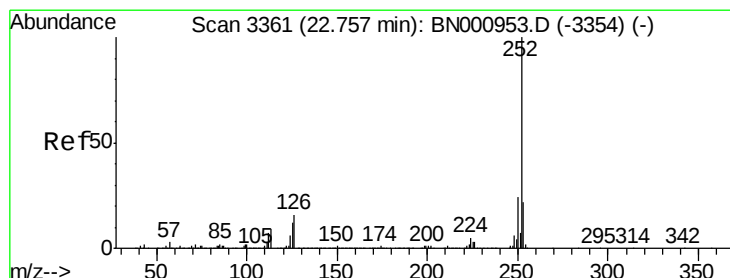
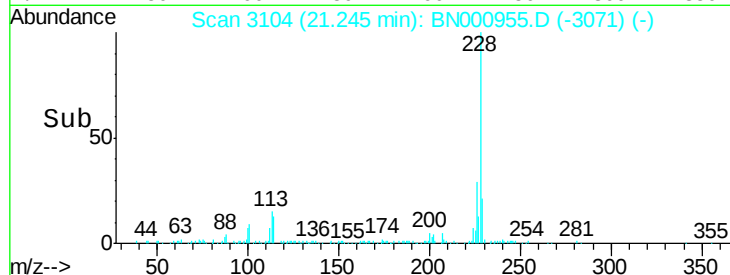
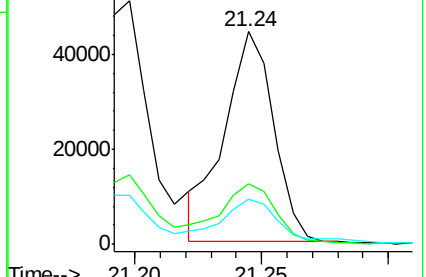
229 21.4 15.8 23.8



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: 3.235 ng/ul

RT: 22.75 min Scan# 3360

Delta R.T. -0.01 min

Lab File: BN000955.D

Acq: 27 Apr 2018 04:38

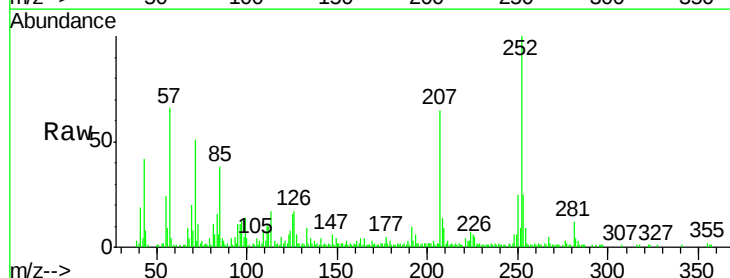
Tgt Ion:252 Resp: 100275

Ion Ratio Lower Upper

252 100

253 25.2 18.0 27.0

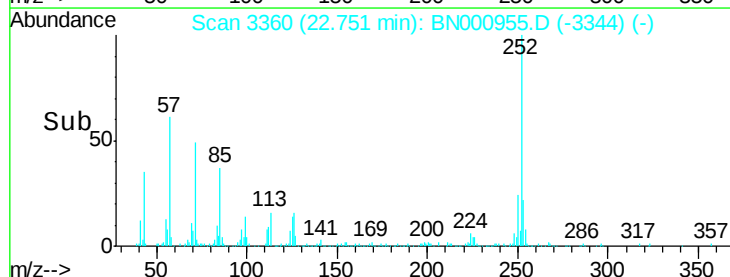
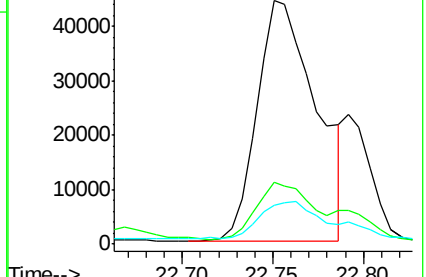
125 16.2 8.0 12.0#

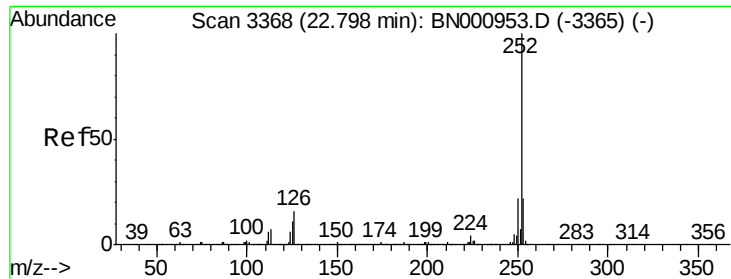


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

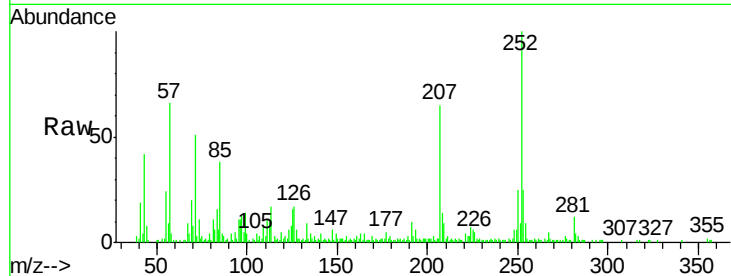




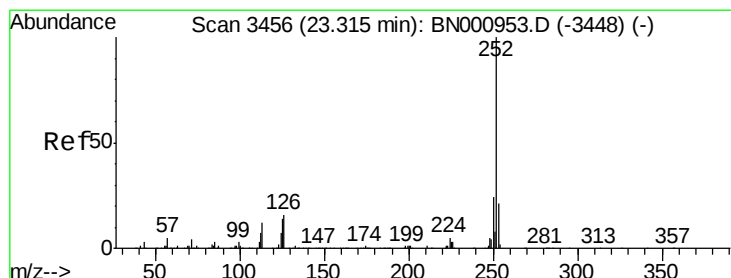
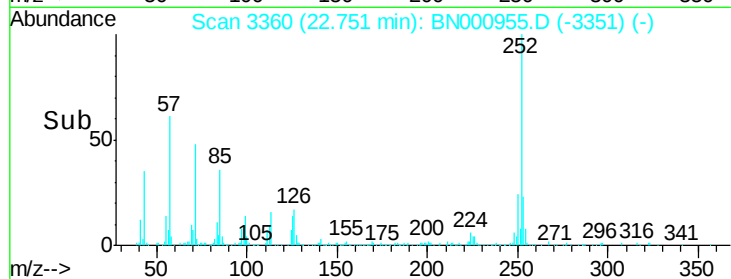
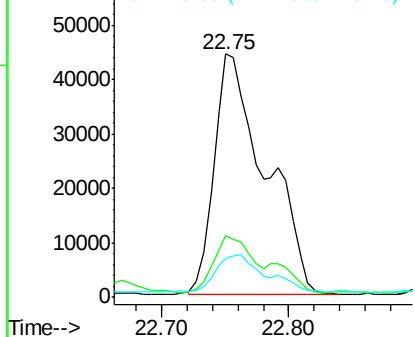
#24
Benzo(k)fluoranthene
Concen: 4.090 ng/u1
RT: 22.75 min Scan# 3360
Delta R.T. -0.05 min
Lab File: BN000955.D
Acq: 27 Apr 2018 04:38

Instrument :
BNA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.2	18.0	27.0
125	16.2	8.1	12.1

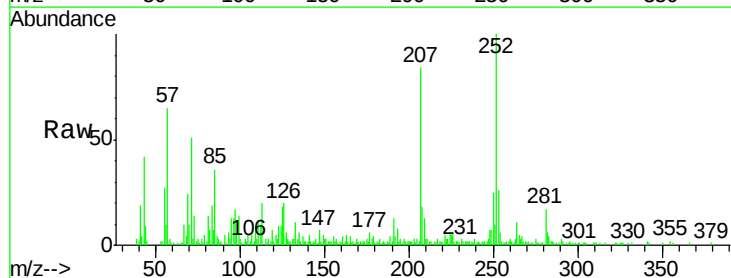


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

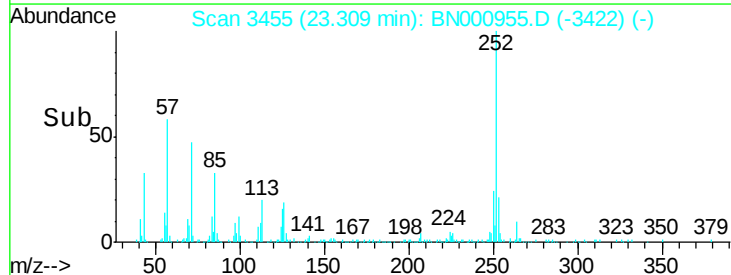
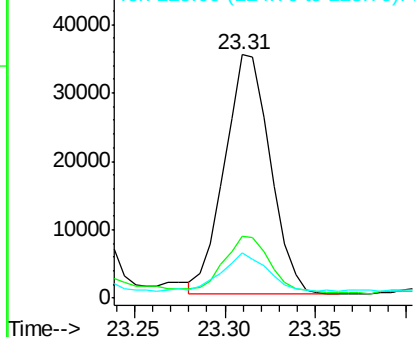


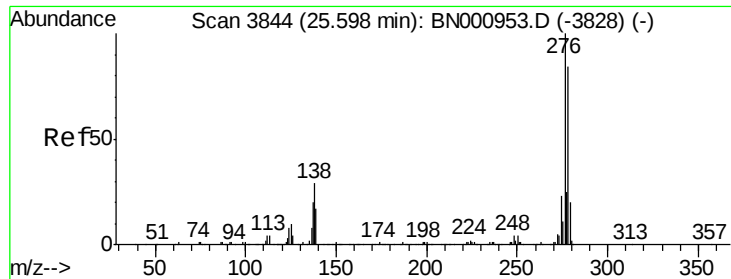
#26
Benzo(a)pyrene
Concen: 2.083 ng/u1
RT: 23.31 min Scan# 3455
Delta R.T. -0.01 min
Lab File: BN000955.D
Acq: 27 Apr 2018 04:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.7	17.2	25.8
125	18.3	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

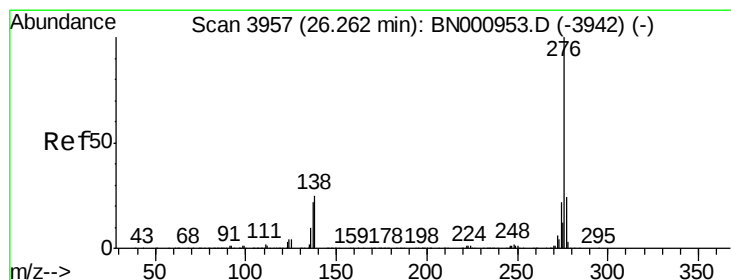
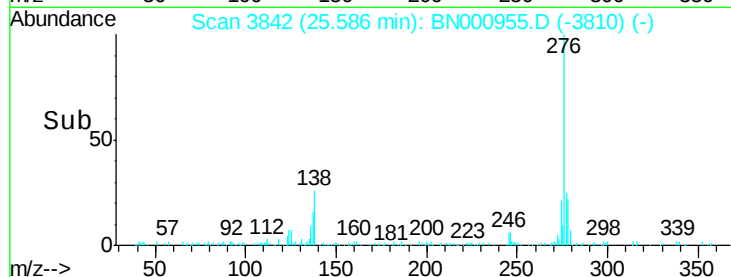
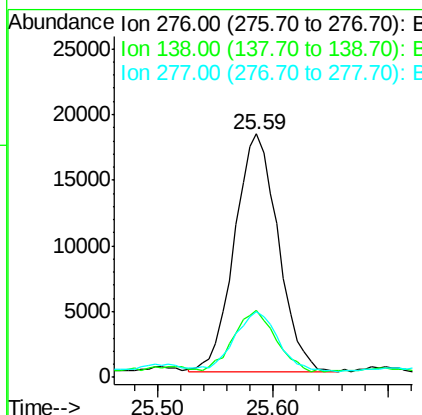
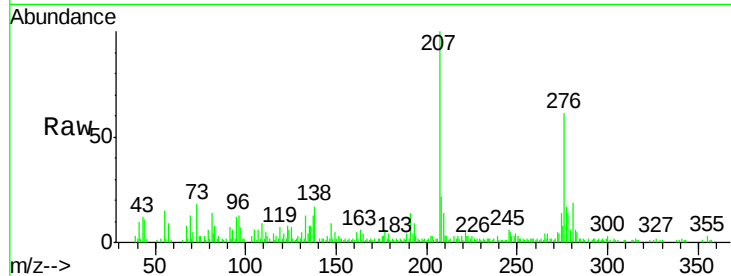




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 1.331 ng/ul
 RT: 25.59 min Scan# 3842
 Delta R.T. -0.01 min
 Lab File: BN000955.D
 Acq: 27 Apr 2018 04:38

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:276 Resp: 47602
 Ion Ratio Lower Upper
 276 100
 138 27.7 14.4 21.6#
 277 27.1 18.0 27.0#



#29
 Benzo(g,h,i)perylene
 Concen: 1.333 ng/ul
 RT: 26.25 min Scan# 3955
 Delta R.T. -0.01 min
 Lab File: BN000955.D
 Acq: 27 Apr 2018 04:38

Tgt Ion:276 Resp: 39897
 Ion Ratio Lower Upper
 276 100
 138 28.5 15.3 22.9#
 277 25.4 19.0 28.4

