

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032318\
 Data File : BN000600.D
 Acq On : 24 Mar 2018 04:02
 Operator : JU/SJ
 Sample : J1955-12
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C1034

Quant Time: Mar 24 04:53:07 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Mar 24 02:55:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.41	152	189153	20.00	ng/ul	0.00
18) Naphthalene-d8	11.25	136	820640	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.03	164	456046	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.75	188	976450	20.00	ng/ul	0.00
75) Chrysene-d12	21.88	240	940257	20.00	ng/ul	0.00
83) Perylene-d12	24.35	264	842342	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.58	96	18814	3.55	ng/uL	0.00
5) Phenol-d5	7.55	99	358275	20.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.71	67	219932	21.61	ng/ul	0.00
9) 2-Chlorophenol-d4	7.93	132	266766	19.99	ng/ul	0.00
13) 4-Methylphenol-d8	9.11	113	284182	20.67	ng/ul	0.00
19) Nitrobenzene-d5	9.59	128	128370	19.26	ng/ul	0.00
22) 2-Nitrophenol-d4	10.32	143	136385	19.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.86	165	238500	19.27	ng/ul	0.00
29) 4-Chloroaniline-d4	11.38	131	361324	28.44	ng/ul	0.00
43) Dimethylphthalate-d6	14.42	166	784476	21.77	ng/ul	0.00
46) Acenaphthylene-d8	14.72	160	981962	20.66	ng/ul	0.00
51) 4-Nitrophenol-d4	15.21	143	111539	16.67	ng/ul	0.00
57) Fluorene-d10	16.01	176	658705	21.46	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.12	200	73989	13.23	ng/ul	0.00
70) Anthracene-d10	17.85	188	999051	21.29	ng/ul	0.00
76) Pyrene-d10	20.11	212	1083460	20.87	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.19	264	874242	21.99	ng/ul	0.00

Target Compounds

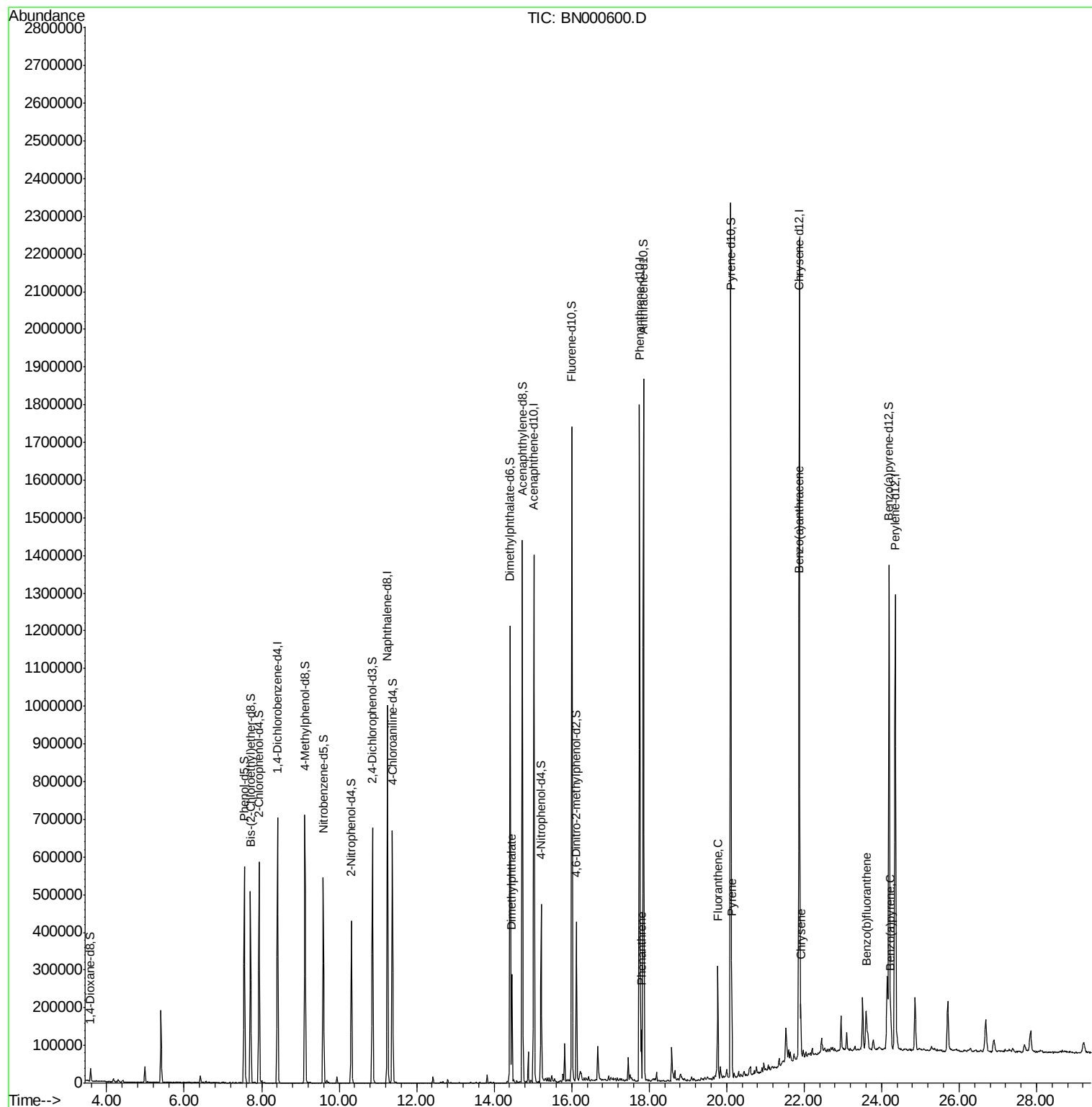
					Ovalue	
44) Dimethylphthalate	14.46	163	164838	4.625	ng/ul	99
69) Phenanthrene	17.80	178	69607	1.237	ng/ul	99
74) Fluoranthene	19.78	202	163430	2.924	ng/ul#	82
77) Pyrene	20.14	202	135792	1.977	ng/ul#	79
80) Benzo(a)anthracene	21.86	228	77872	1.243	ng/ul	99
82) Chrysene	21.91	228	71861	1.224	ng/ul	97
85) Benzo(b)fluoranthene	23.60	252	88993	1.672	ng/ul#	94
88) Benzo(a)pyrene	24.25	252	54802	1.094	ng/ul#	91

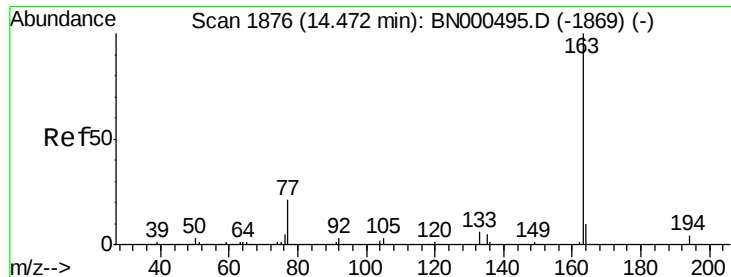
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#44

Dimethylphthalate

Concen: 4.625 ng/ul

RT: 14.46 min Scan# 1874

Delta R.T. -0.01 min

Lab File: BN000600.D

Acq: 24 Mar 2018 04:02

Instrument :

BNA_N

ClientSampleId :

C1034

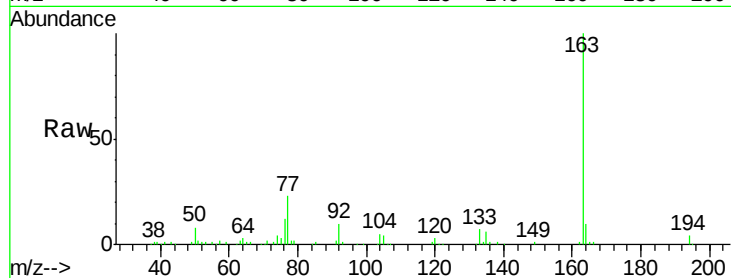
Tot Ion:163 Resp: 164838

Ion Ratio Lower Upper

163 100

194 4.1 4.0 6.0

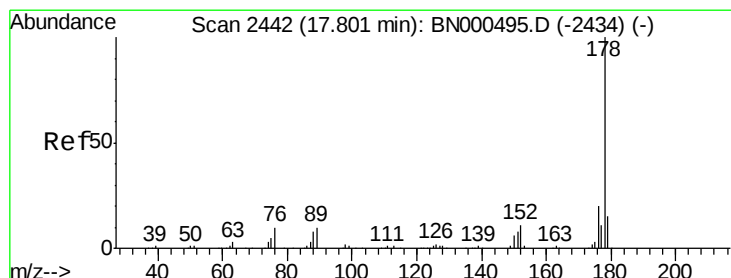
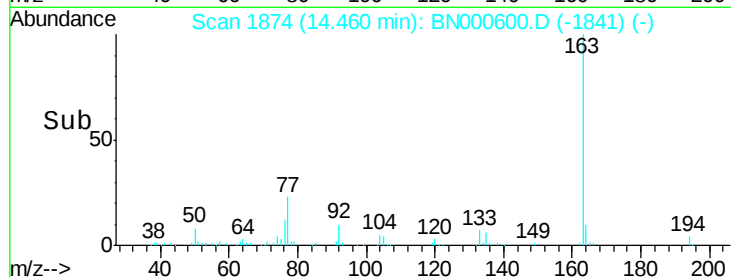
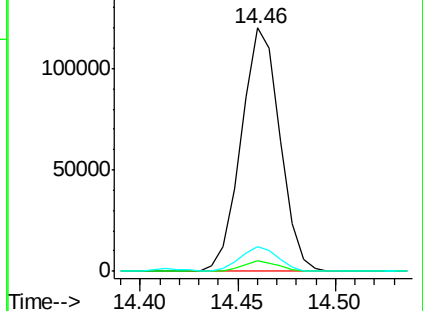
164 10.2 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#69

Phenanthrene

Concen: 1.237 ng/ul

RT: 17.80 min Scan# 2441

Delta R.T. 0.00 min

Lab File: BN000600.D

Acq: 24 Mar 2018 04:02

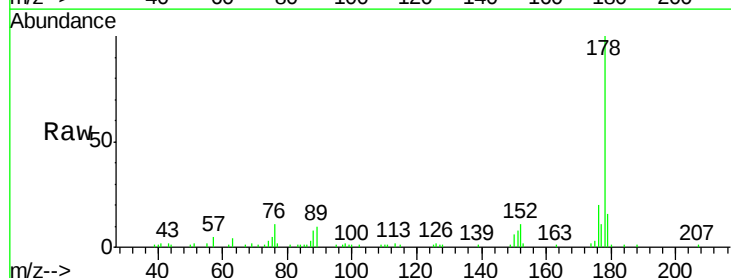
Tgt Ion:178 Resp: 69607

Ion Ratio Lower Upper

178 100

179 15.5 12.3 18.5

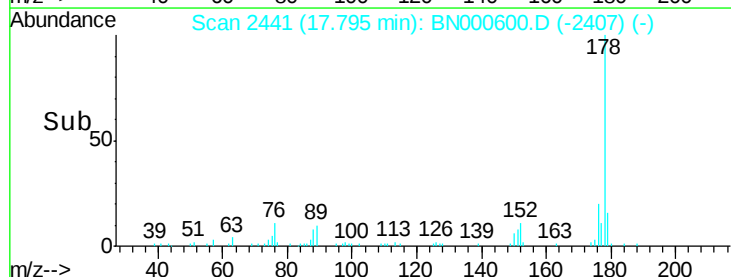
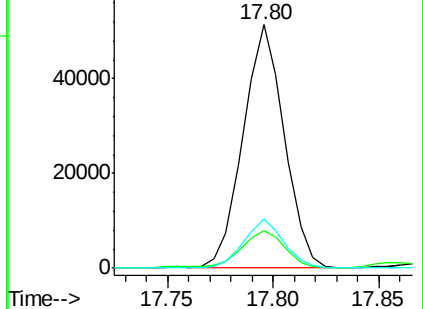
176 19.9 15.4 23.0

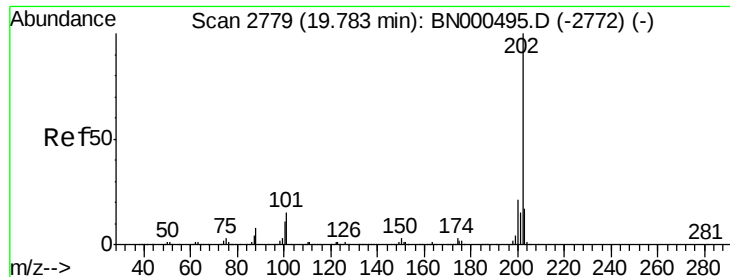


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 2.924 ng/ul

RT: 19.78 min Scan# 2778

Delta R.T. 0.00 min

Lab File: BN000600.D

Acq: 24 Mar 2018 04:02

Instrument :

BNA_N

ClientSampleId :

C1034

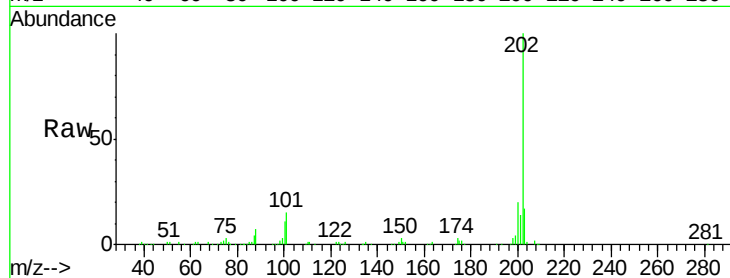
Tot Ion:202 Resp: 163430

Ion Ratio Lower Upper

202 100

101 14.6 6.1 9.1#

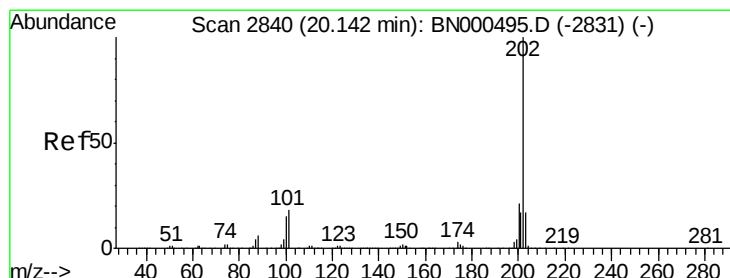
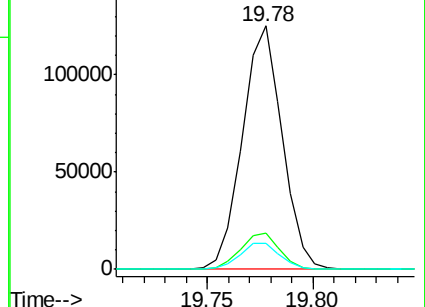
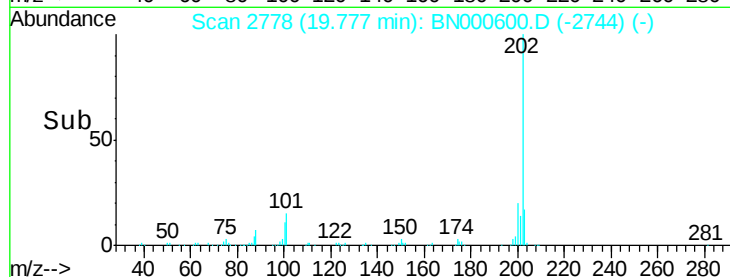
100 10.9 4.6 7.0#



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



#77

Pyrene

Concen: 1.977 ng/ul

RT: 20.14 min Scan# 2839

Delta R.T. 0.00 min

Lab File: BN000600.D

Acq: 24 Mar 2018 04:02

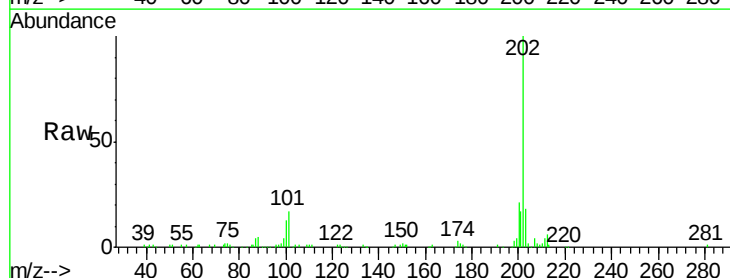
Tgt Ion:202 Resp: 135792

Ion Ratio Lower Upper

202 100

101 17.2 6.9 10.3#

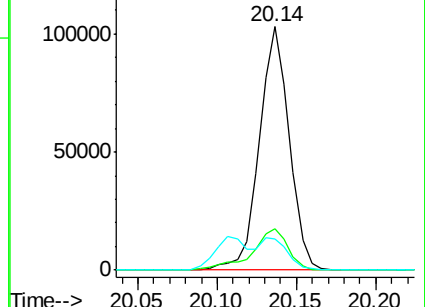
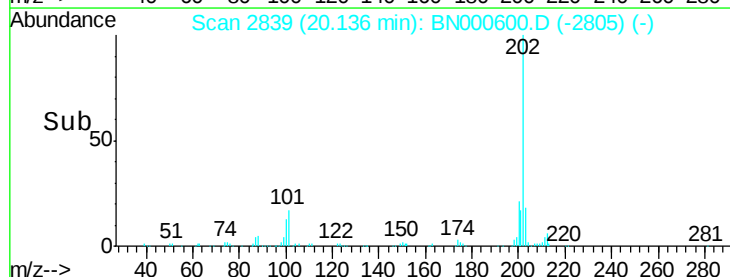
100 13.0 5.6 8.4#

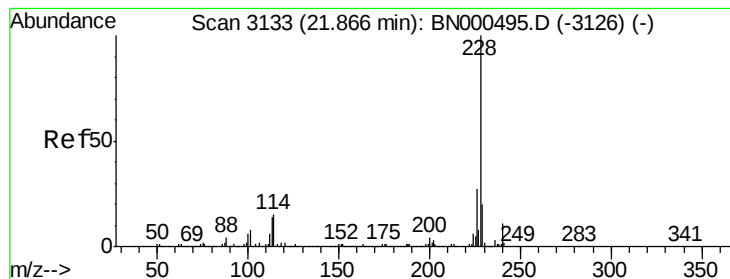


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 1.243 ng/ul

RT: 21.86 min Scan# 3132

Delta R.T. 0.00 min

Lab File: BN000600.D

Acq: 24 Mar 2018 04:02

Instrument :

BNA_N

ClientSampleId :

C1034

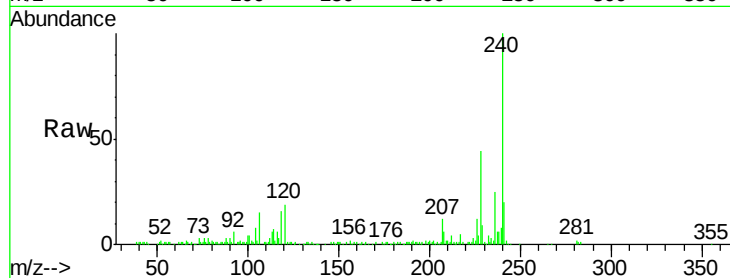
Tot Ion:228 Resp: 77872

Ion Ratio Lower Upper

228 100

229 20.9 16.0 24.0

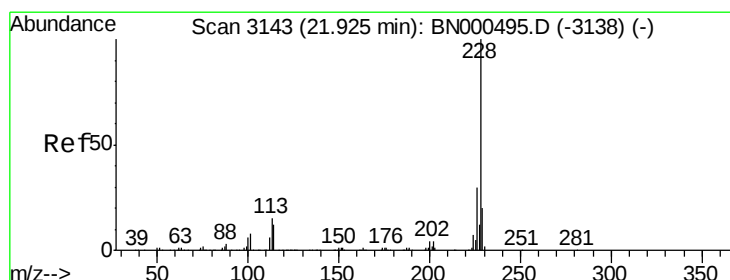
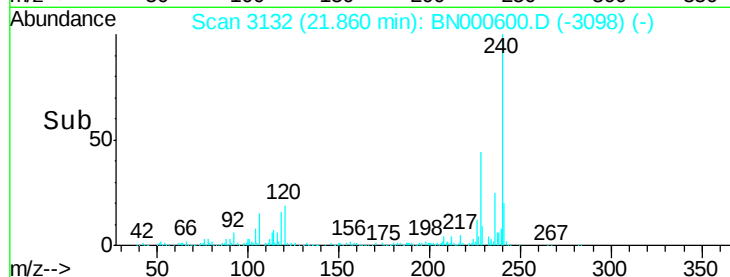
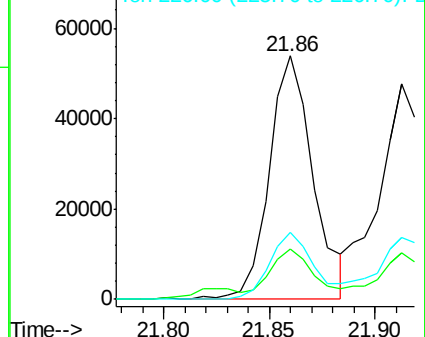
226 27.5 21.8 32.8



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



#82

Chrysene

Concen: 1.224 ng/ul

RT: 21.91 min Scan# 3141

Delta R.T. -0.01 min

Lab File: BN000600.D

Acq: 24 Mar 2018 04:02

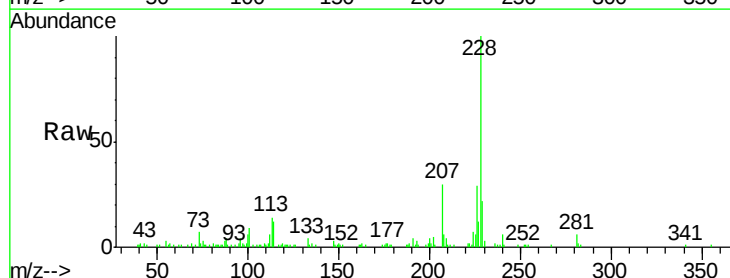
Tgt Ion:228 Resp: 71861

Ion Ratio Lower Upper

228 100

226 28.6 24.1 36.1

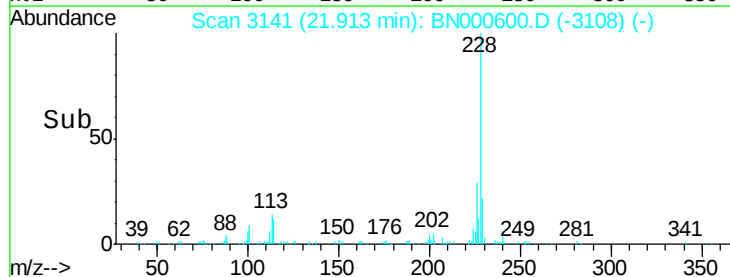
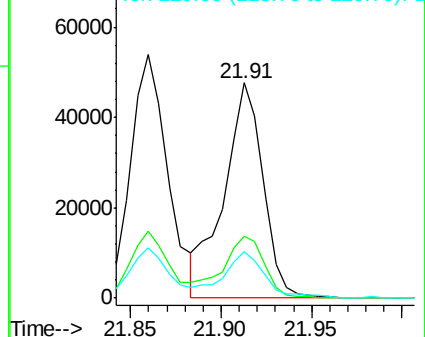
229 21.6 16.0 24.0

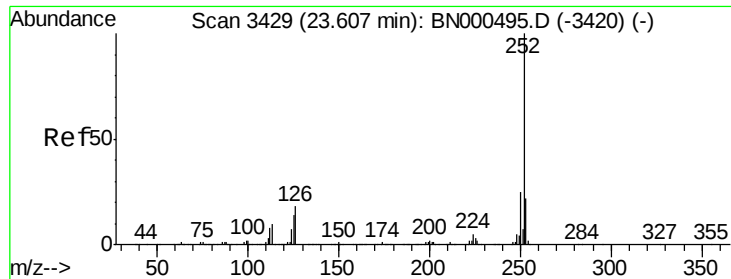


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

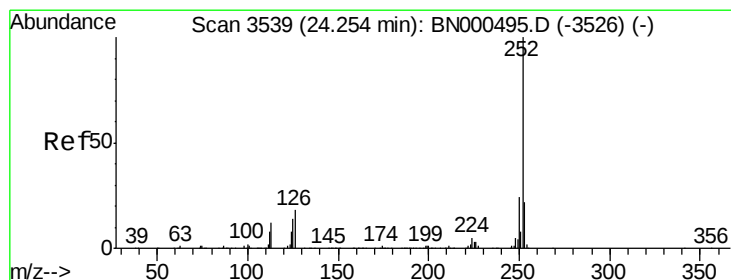
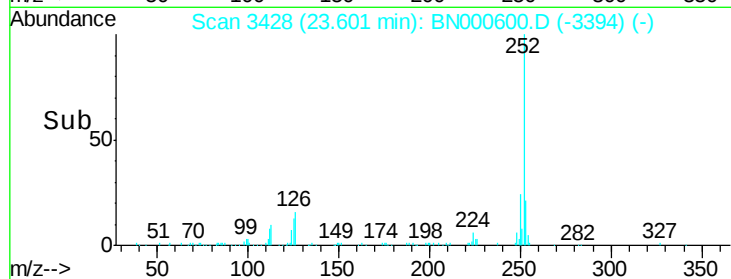
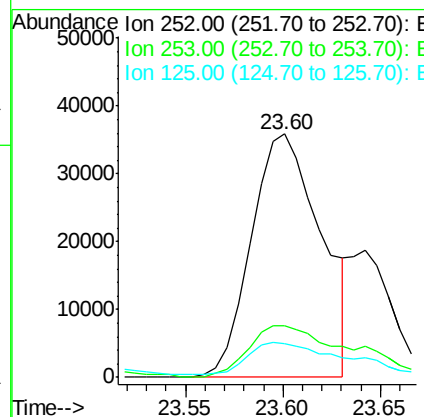
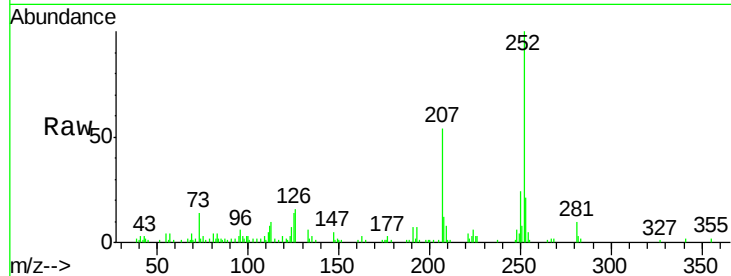




#85
Benzo(b)fluoranthene
Concen: 1.672 ng/ul
RT: 23.60 min Scan# 3428
Delta R.T. 0.00 min
Lab File: BN000600.D
Acq: 24 Mar 2018 04:02

Instrument :
BNA_N
ClientSampled :
C1034

Tot Ion:252 Resp: 88993
Ion Ratio Lower Upper
252 100
253 21.1 17.4 26.0
125 14.1 4.9 7.3#



#88
Benzo(a)pyrene
Concen: 1.094 ng/ul
RT: 24.25 min Scan# 3538
Delta R.T. 0.00 min
Lab File: BN000600.D
Acq: 24 Mar 2018 04:02

Tgt Ion:252 Resp: 54802
Ion Ratio Lower Upper
252 100
253 24.0 17.2 25.8
125 14.6 5.8 8.6#

