

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032718\
 Data File : BN000647.D
 Acq On : 27 Mar 2018 15:20
 Operator : JU/SJ
 Sample : J2060-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AS4

Quant Time: Mar 28 02:05:49 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 28 01:35:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.41	152	149174	20.00	ng/ul	0.00
18) Naphthalene-d8	11.25	136	658768	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.02	164	383492	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.75	188	828931	20.00	ng/ul	0.00
75) Chrysene-d12	21.88	240	785740	20.00	ng/ul	0.00
83) Perylene-d12	24.35	264	697181	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.58	96	24289	5.82	ng/uL	0.00
5) Phenol-d5	7.55	99	409293	29.41	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.71	67	274853	34.24	ng/ul	0.00
9) 2-Chlorophenol-d4	7.93	132	282305	26.83	ng/ul	0.00
13) 4-Methylphenol-d8	9.12	113	355352	32.78	ng/ul	0.00
19) Nitrobenzene-d5	9.59	128	170003	31.77	ng/ul	0.00
22) 2-Nitrophenol-d4	10.32	143	138087	24.91	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.87	165	245058	24.67	ng/ul	0.00
29) 4-Chloroaniline-d4	11.38	131	460475	45.15	ng/ul	0.00
43) Dimethylphthalate-d6	14.42	166	1043422	34.44	ng/ul	0.00
46) Acenaphthylene-d8	14.72	160	1296992	32.45	ng/ul	0.00
51) 4-Nitrophenol-d4	15.23	143	28514	5.07	ng/ul	0.00
57) Fluorene-d10	16.01	176	858016	33.23	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.13	200	16693	3.52	ng/ul	0.00
70) Anthracene-d10	17.85	188	1291312	32.41	ng/ul	0.00
76) Pyrene-d10	20.11	212	1366150	31.50	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.20	264	1104988	33.58	ng/ul	0.00

Target Compounds

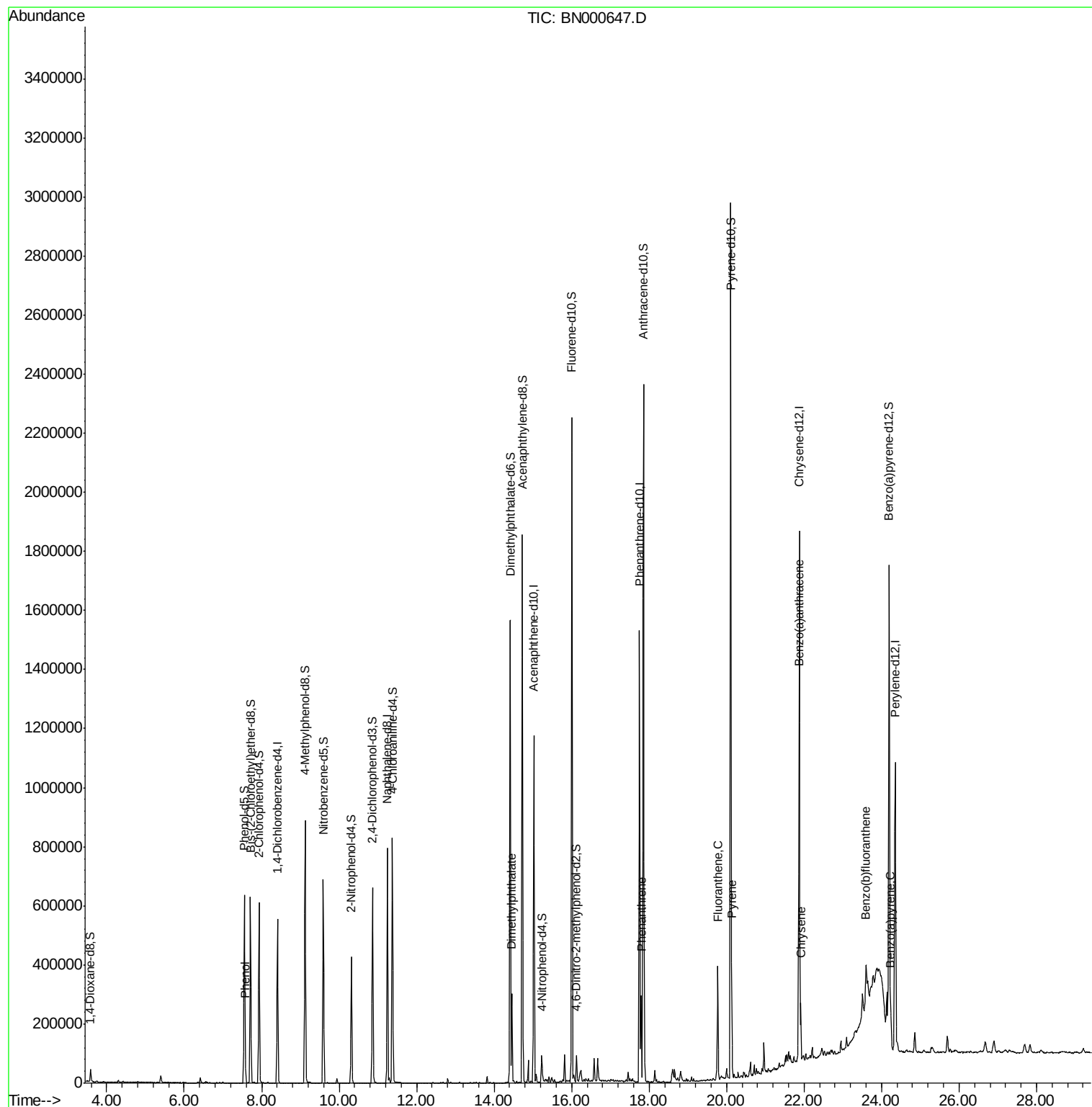
					Ovalue
6) Phenol	7.58	94	24808	1.747 ng/ul	98
44) Dimethylphthalate	14.46	163	168845	5.634 ng/ul	98
69) Phenanthrene	17.80	178	167857	3.515 ng/ul	100
74) Fluoranthene	19.78	202	226395	4.771 ng/ul#	84
77) Pyrene	20.14	202	185722	3.236 ng/ul#	80
80) Benzo(a)anthracene	21.86	228	109733	2.096 ng/ul	99
82) Chrysene	21.91	228	95291	1.942 ng/ul	98
85) Benzo(b)fluoranthene	23.60	252	121270	2.753 ng/ul#	93
88) Benzo(a)pyrene	24.24	252	78222	1.887 ng/ul#	93

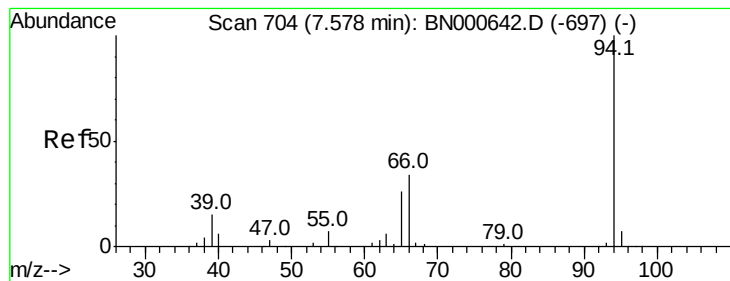
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.747 ng/ul

RT: 7.58 min Scan# 704

Delta R.T. 0.00 min

Lab File: BN000647.D

Acq: 27 Mar 2018 15:20

Instrument :

BNA_N

ClientSampled :

C0AS4

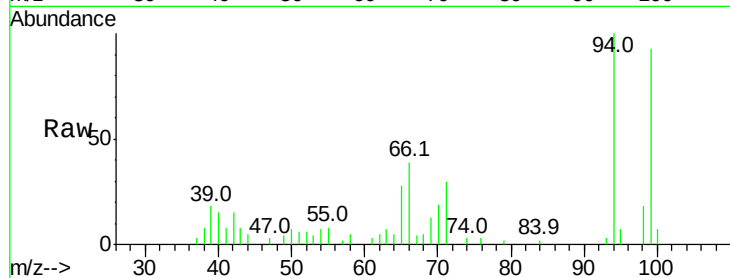
Tot Ion: 94 Resp: 24808

Ion Ratio Lower Upper

94 100

65 28.4 23.0 34.6

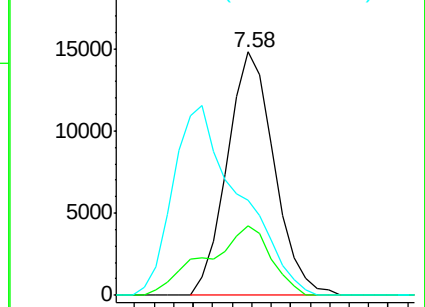
66 39.3 30.4 45.6



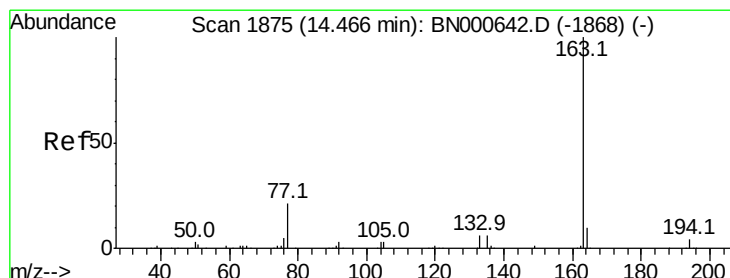
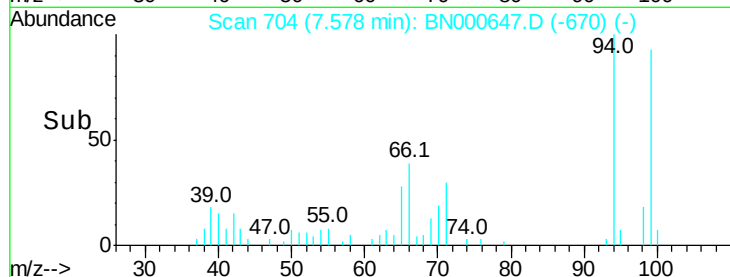
Abundance Ion 94.00 (93.70 to 94.70): BN000642.D (-697) (-)

Ion 65.00 (64.70 to 65.70): BN000642.D (-697) (-)

Ion 66.00 (65.70 to 66.70): BN000642.D (-697) (-)



Time-->



#44

Dimethylphthalate

Concen: 5.634 ng/ul

RT: 14.46 min Scan# 1874

Delta R.T. -0.01 min

Lab File: BN000647.D

Acq: 27 Mar 2018 15:20

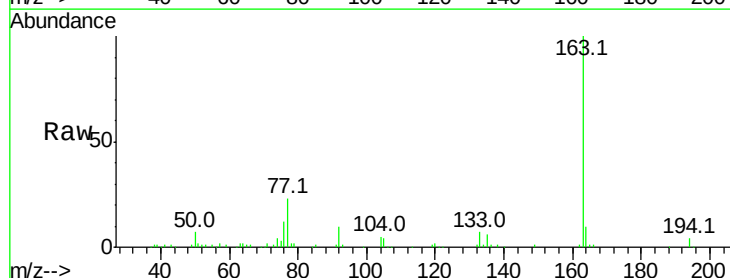
Tgt Ion:163 Resp: 168845

Ion Ratio Lower Upper

163 100

194 4.1 4.0 6.0

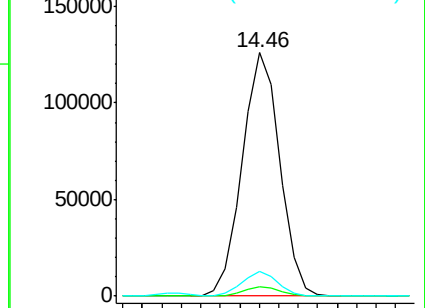
164 10.1 8.4 12.6



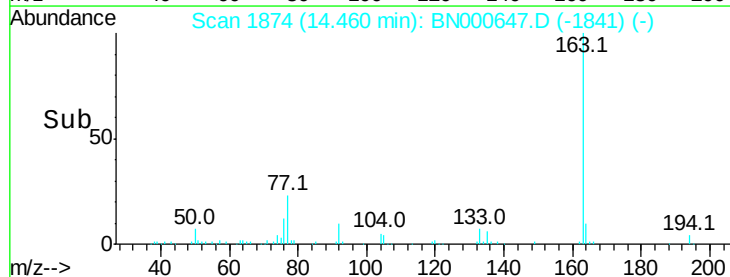
Abundance Ion 163.00 (162.70 to 163.70): BN000647.D (-1841) (-)

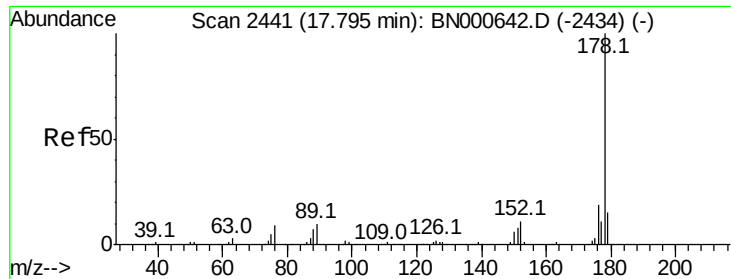
Ion 194.00 (193.70 to 194.70): BN000647.D (-1841) (-)

Ion 164.00 (163.70 to 164.70): BN000647.D (-1841) (-)



Time-->





#69

Phenanthrene

Concen: 3.515 ng/ul

RT: 17.80 min Scan# 2441

Delta R.T. 0.00 min

Lab File: BN000647.D

Acq: 27 Mar 2018 15:20

Instrument :

BNA_N

ClientSampleId :

C0AS4

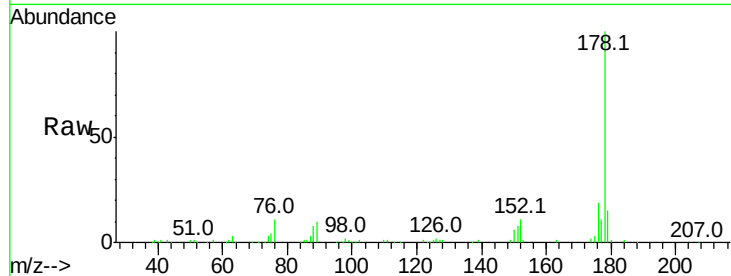
Tot Ion:178 Resp: 167857

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.3	18.5
176	19.4	15.4	23.0

178 100

179 15.3 12.3 18.5

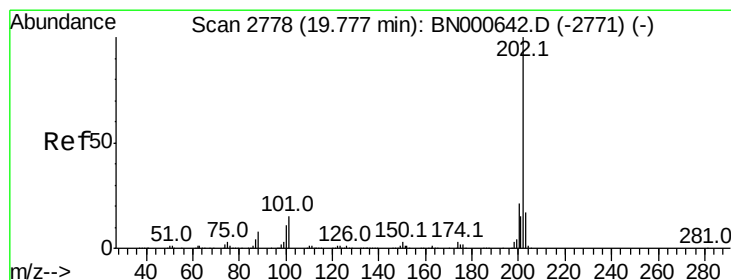
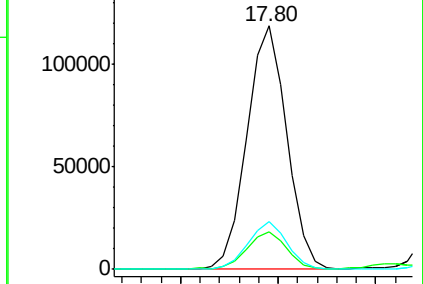
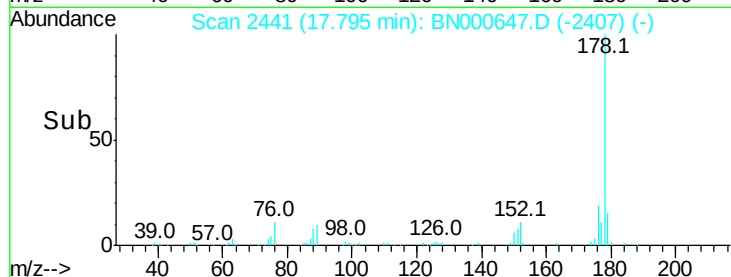
176 19.4 15.4 23.0



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: 4.771 ng/ul

RT: 19.78 min Scan# 2778

Delta R.T. 0.00 min

Lab File: BN000647.D

Acq: 27 Mar 2018 15:20

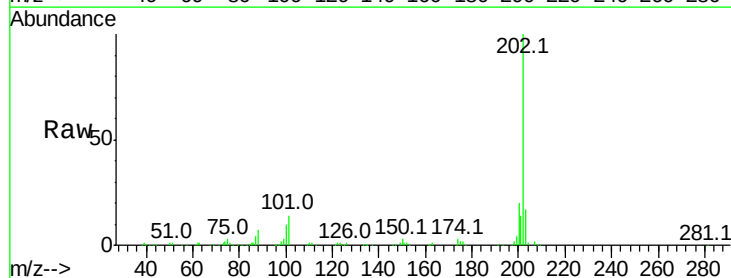
Tgt Ion:202 Resp: 226395

Ion	Ratio	Lower	Upper
202	100		
101	13.7	6.1	9.1#
100	10.4	4.6	7.0#

202 100

101 13.7 6.1 9.1#

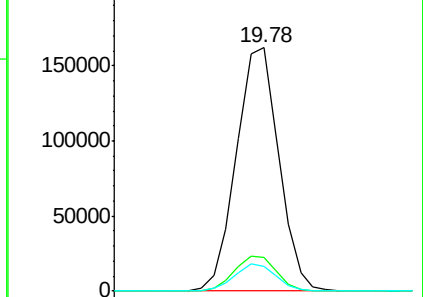
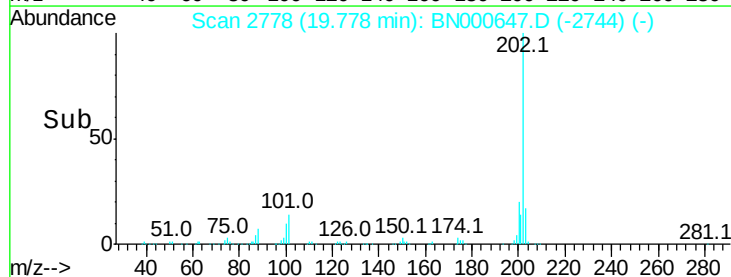
100 10.4 4.6 7.0#

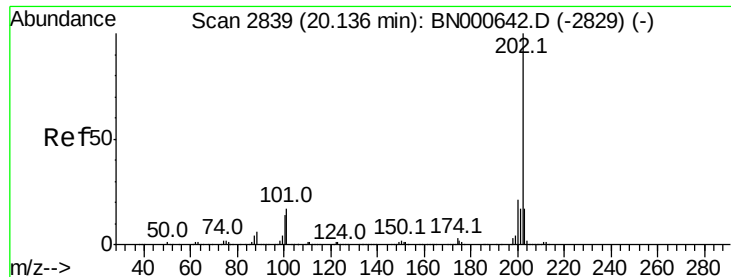


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pvrene

Concen: 3.236 ng/ul

RT: 20.14 min Scan# 2839

Delta R.T. 0.00 min

Lab File: BN000647.D

Acq: 27 Mar 2018 15:20

Instrument :

BNA_N

ClientSampleId :

C0AS4

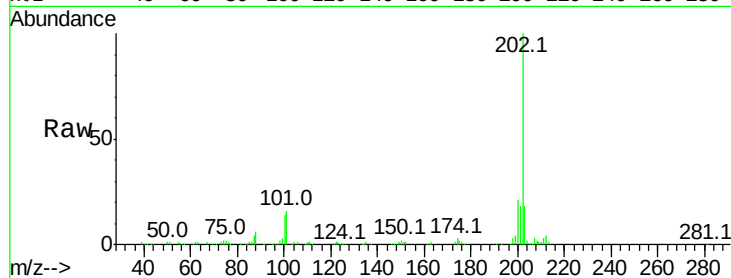
Tot Ion:202 Resp: 185722

Ion Ratio Lower Upper

202 100

101 16.0 6.9 10.3#

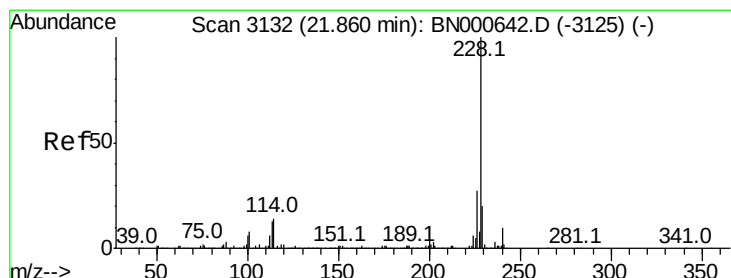
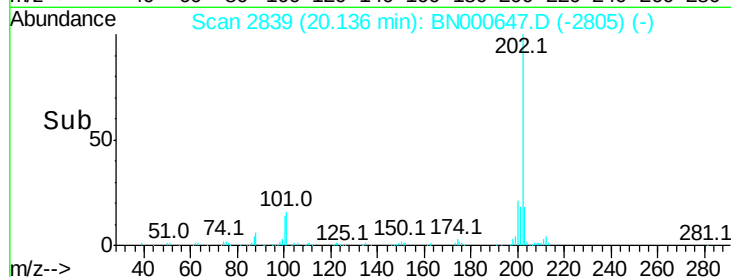
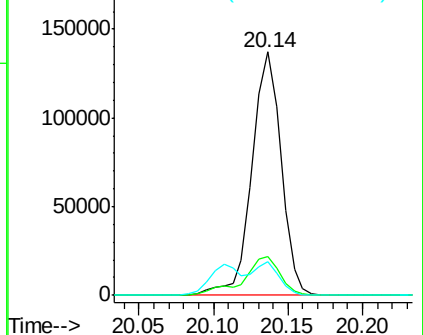
100 13.9 5.6 8.4#



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): E



#80

Benzo(a)anthracene

Concen: 2.096 ng/ul

RT: 21.86 min Scan# 3132

Delta R.T. 0.00 min

Lab File: BN000647.D

Acq: 27 Mar 2018 15:20

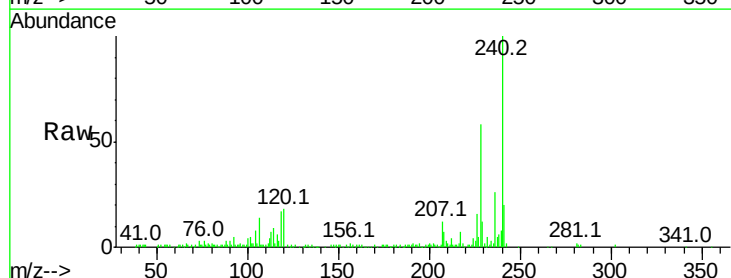
Tgt Ion:228 Resp: 109733

Ion Ratio Lower Upper

228 100

229 20.0 16.0 24.0

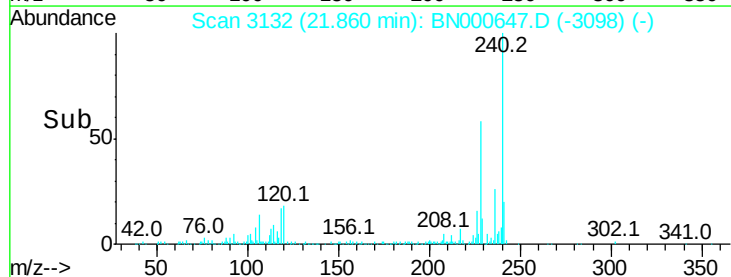
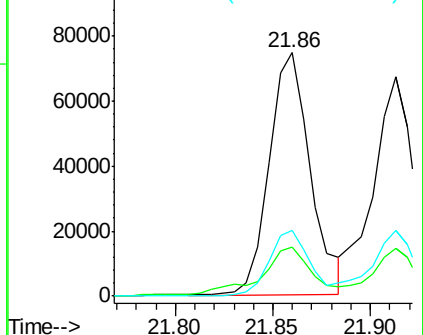
226 26.8 21.8 32.8

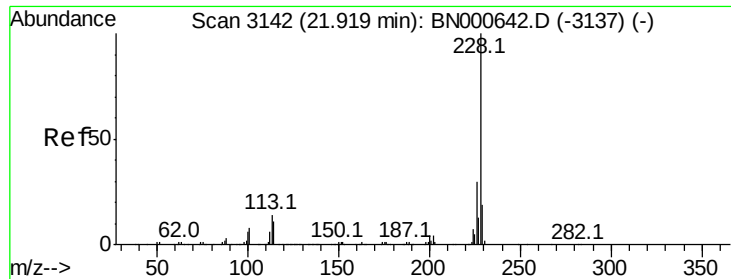


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

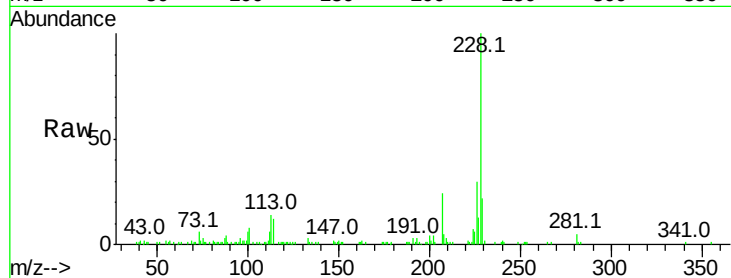




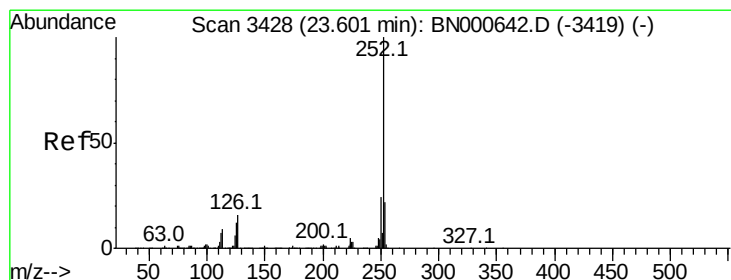
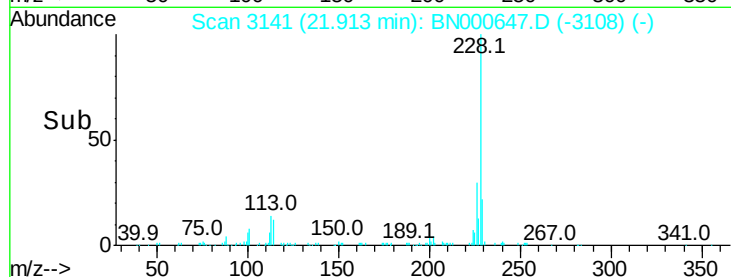
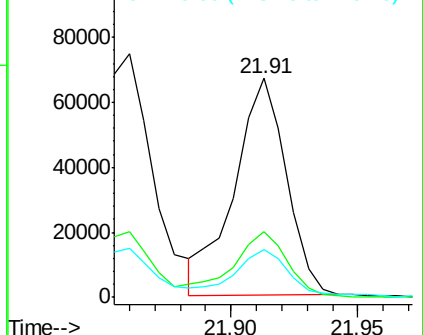
#82
Chrysene
Concen: 1.942 ng/ul
RT: 21.91 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BN000647.D
Acq: 27 Mar 2018 15:20

Instrument :
BNA_N
ClientSampled :
C0AS4

Tot Ion:228 Resp: 95291
Ion Ratio Lower Upper
228 100
226 30.0 24.1 36.1
229 21.8 16.0 24.0

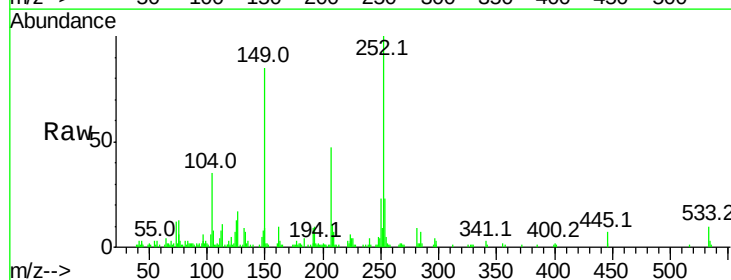


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

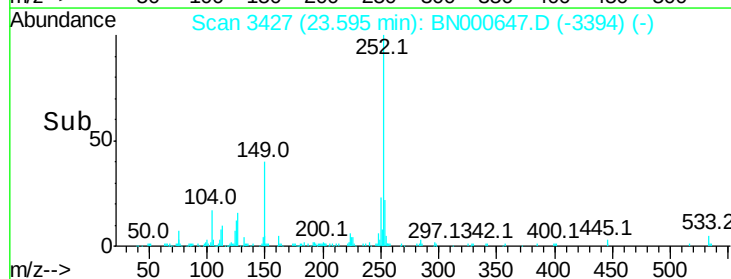
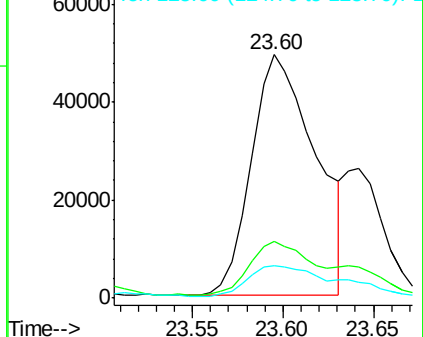


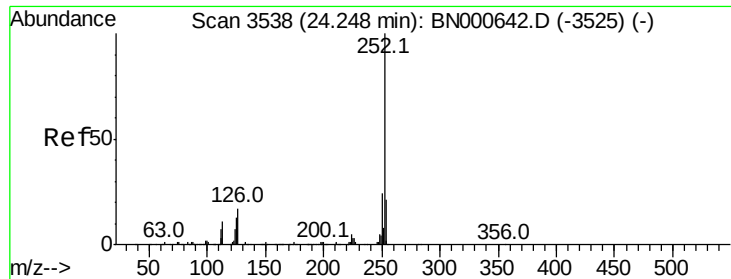
#85
Benzo(b)fluoranthene
Concen: 2.753 ng/ul
RT: 23.60 min Scan# 3427
Delta R.T. -0.01 min
Lab File: BN000647.D
Acq: 27 Mar 2018 15:20

Tgt Ion:252 Resp: 121270
Ion Ratio Lower Upper
252 100
253 23.1 17.4 26.0
125 13.4 4.9 7.3#



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





#88

Benzo(a)pyrene

Concen: 1.887 ng/ul

RT: 24.24 min Scan# 3537

Delta R.T. -0.01 min

Lab File: BN000647.D

Acq: 27 Mar 2018 15:20

Instrument :

BNA_N

ClientSampleId :

C0AS4

Tot Ion:252 Resp: 78222

Ion Ratio Lower Upper

252 100

253 23.0 17.2 25.8

125 13.3 5.8 8.6#

