

Data File : BN004169.D
Acq On : 21 Dec 2018 20:28
Operator : JU/SJ
Sample : J6420-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9H31

Quant Time: Dec 22 05:00:36 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 22 04:57:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	25774	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	128911	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	83385	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	202816	20.00	ng/ul	0.00
77) Chrysene-d12	21.40	240	246429	20.00	ng/ul	0.00
85) Perylene-d12	23.72	264	258264	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	1386	3.52	ng/uL	0.00
5) Phenol-d5	6.99	99	42671	16.84	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	26702	19.36	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	36174	18.22	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	38006	17.90	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	19243	18.84	ng/ul	0.00
22) 2-Nitrophenol-d4	9.71	143	22467	19.42	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	39970	18.84	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	54152	27.28	ng/ul	0.00
43) Dimethylphthalate-d6	13.87	166	151822	20.40	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	180558	20.44	ng/ul	0.00
51) 4-Nitrophenol-d4	14.68	143	21922	14.25	ng/ul	0.00
57) Fluorene-d10	15.46	176	133227	20.70	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.59	200	19443	13.31	ng/ul	0.00
70) Anthracene-d10	17.30	188	212634	20.75	ng/ul	0.00
78) Pyrene-d10	19.60	212	242554	22.00	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.57	264	292408	20.87	ng/ul	0.00

Target Compounds

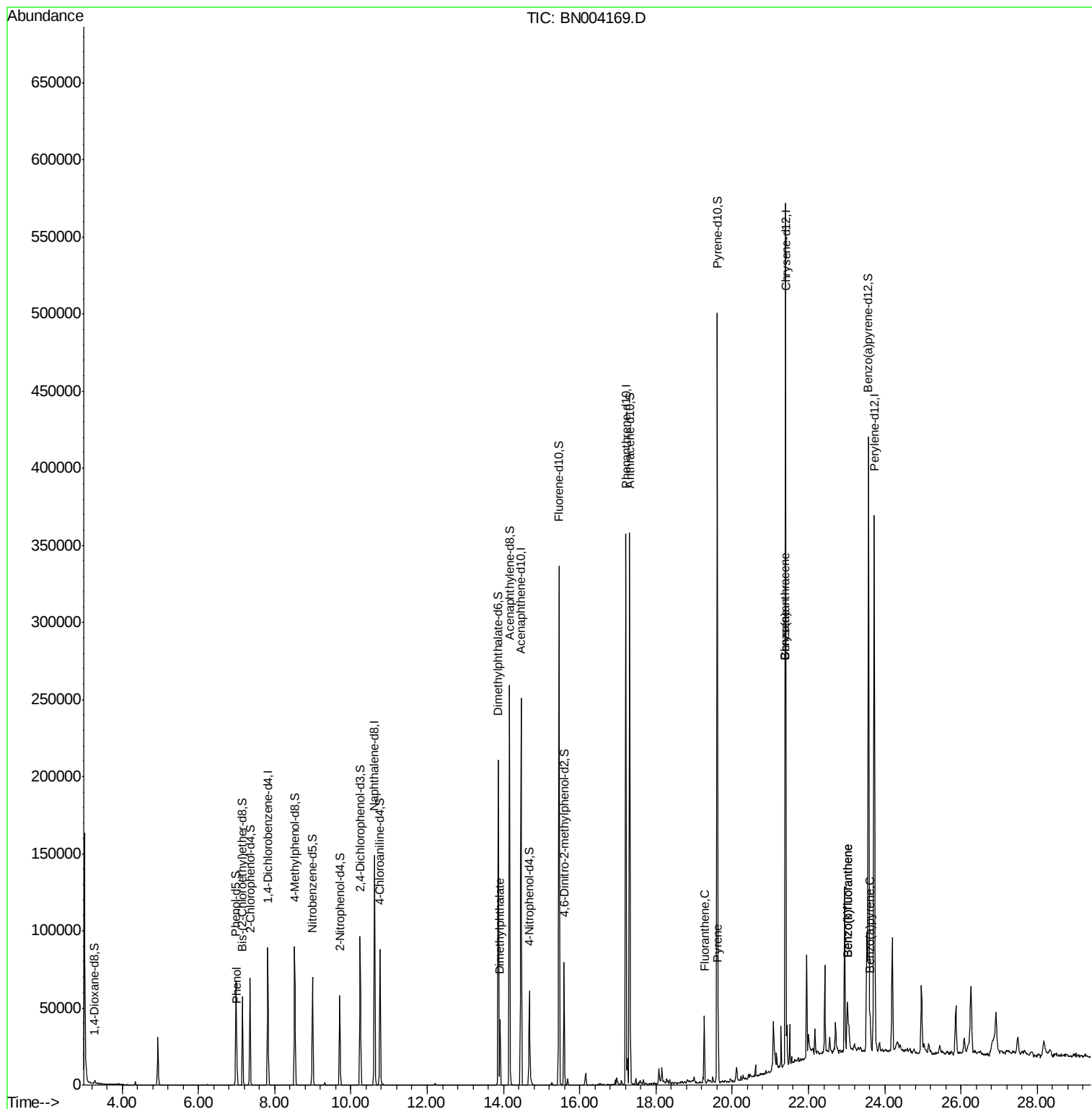
					Qvalue	
6) Phenol	7.01	94	7583	2.965	ng/ul	95
44) Dimethylphthalate	13.91	163	29987	4.127	ng/ul	99
76) Fluoranthene	19.27	202	26315	1.832	ng/ul	98
79) Pyrene	19.63	202	24635	1.789	ng/ul	97
82) Benzo(a)anthracene	21.38	228	15475	1.007	ng/ul	97
84) Chrysene	21.38	228	15475	1.075	ng/ul	94
87) Benzo(b)fluoranthene	23.02	252	23431	1.515	ng/ul#	94
88) Benzo(k)fluoranthene	23.02	252	23431	1.617	ng/ul#	94
90) Benzo(a)pyrene	23.62	252	15227	1.022	ng/ul	97

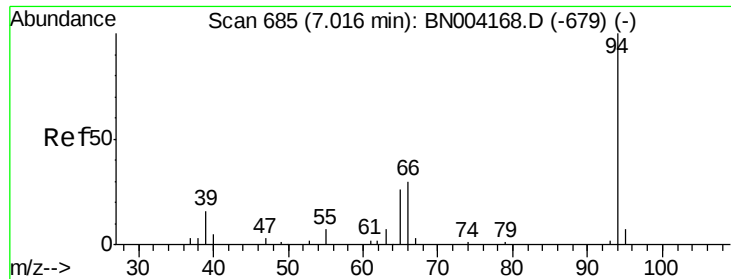
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 2.965 ng/ul

RT: 7.01 min Scan# 684

Delta R.T. -0.01 min

Lab File: BN004169.D

Acq: 21 Dec 2018 20:28

Instrument :

BNA_N

ClientSampleId :

F9H31

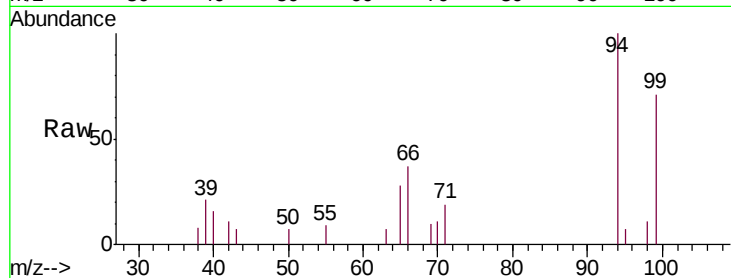
Tgt Ion: 94 Resp: 7583

Ion Ratio Lower Upper

94 100

65 28.4 21.2 31.8

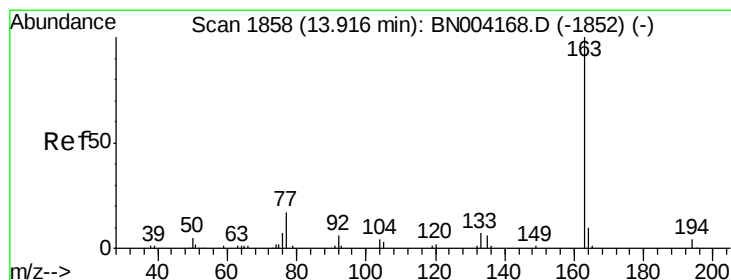
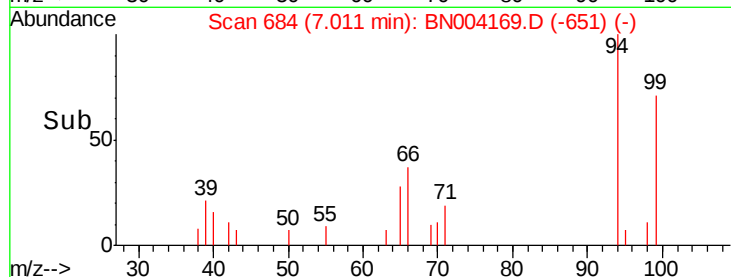
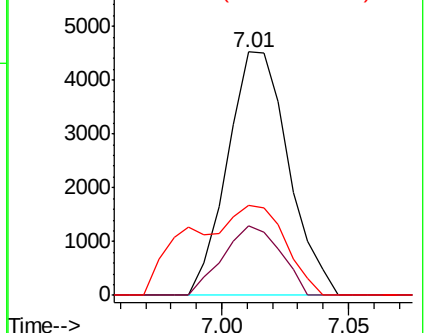
66 36.9 26.9 40.3



Abundance Ion 94.00 (93.70 to 94.70): BN004168.D (-679) (-)

Ion 65.00 (64.70 to 65.70): BN004168.D (-679) (-)

Ion 66.00 (65.70 to 66.70): BN004168.D (-679) (-)



#44

Dimethylphthalate

Concen: 4.127 ng/ul

RT: 13.91 min Scan# 1857

Delta R.T. -0.01 min

Lab File: BN004169.D

Acq: 21 Dec 2018 20:28

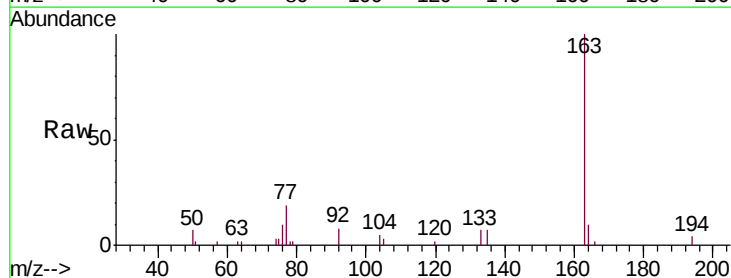
Tgt Ion: 163 Resp: 29987

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.0

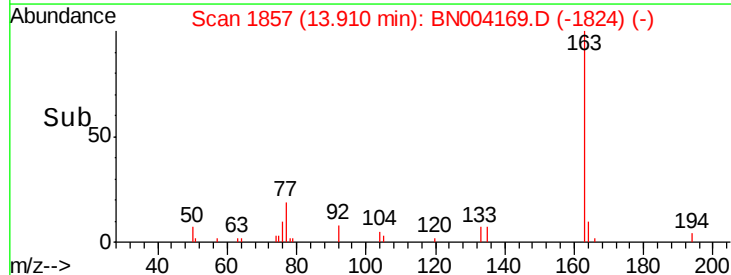
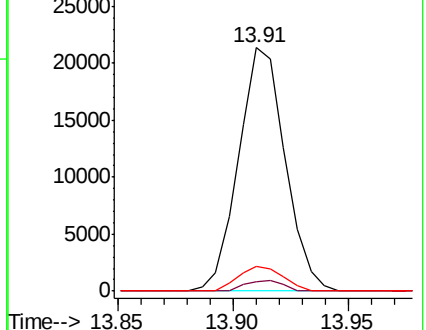
164 10.2 7.9 11.9

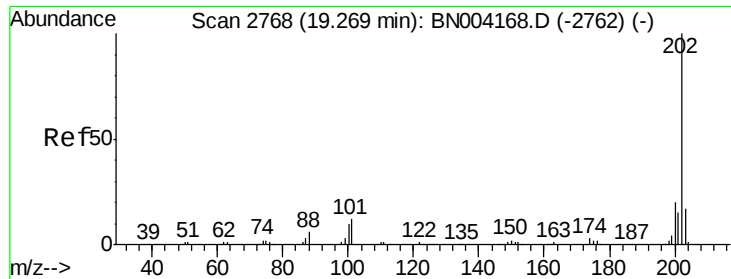


Abundance Ion 163.00 (162.70 to 163.70): BN004168.D (-1852) (-)

Ion 194.00 (193.70 to 194.70): BN004168.D (-1852) (-)

Ion 164.00 (163.70 to 164.70): BN004168.D (-1852) (-)

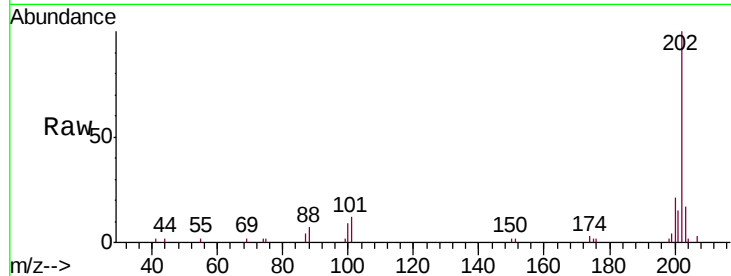




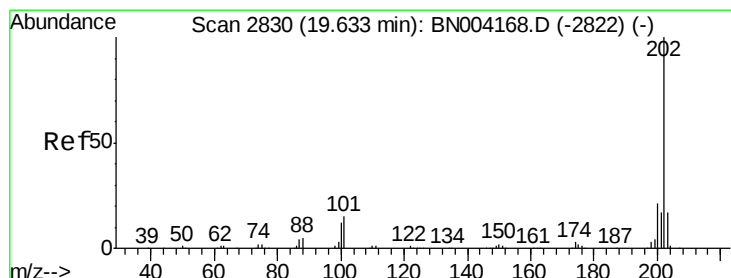
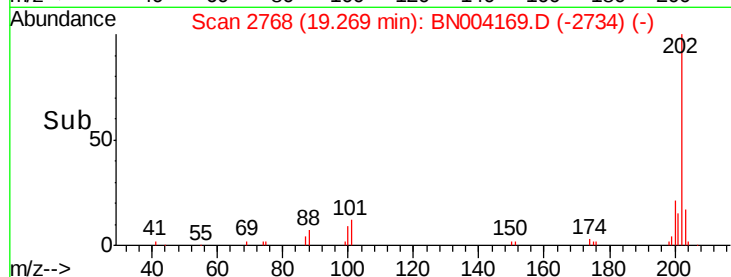
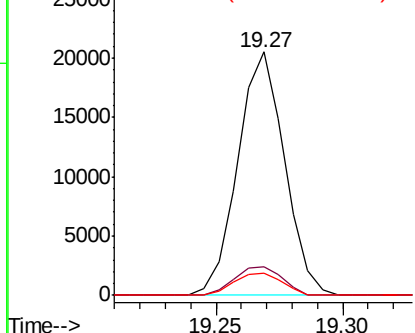
#76
 Fluoranthene
 Concen: 1.832 ng/ul
 RT: 19.27 min Scan# 2768
 Delta R.T. 0.00 min
 Lab File: BN004169.D
 Acq: 21 Dec 2018 20:28

Instrument :
 BNA_N
 ClientSampled :
 F9H31

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.7	10.2	15.2
100	9.4	7.8	11.8

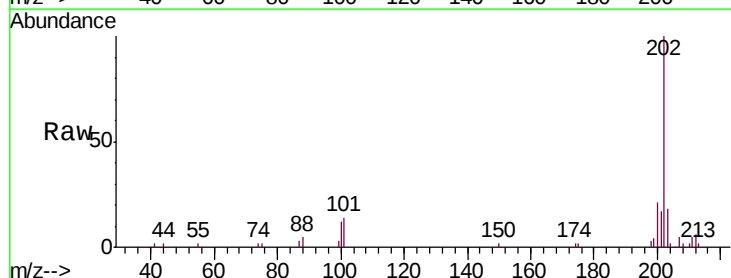


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

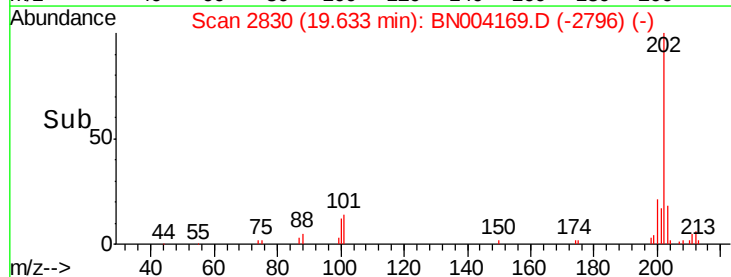
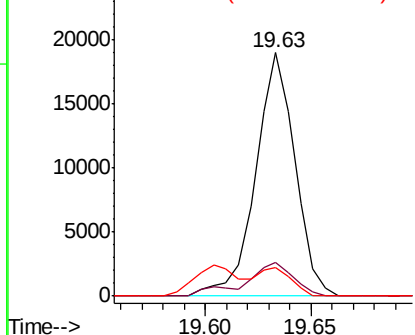


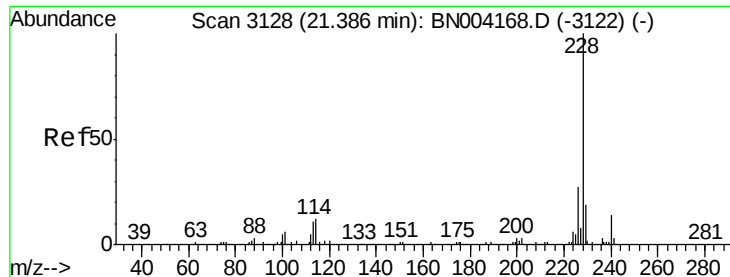
#79
 Pyrene
 Concen: 1.789 ng/ul
 RT: 19.63 min Scan# 2830
 Delta R.T. 0.00 min
 Lab File: BN004169.D
 Acq: 21 Dec 2018 20:28

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.8	12.2	18.2
100	11.9	9.9	14.9



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





#82

Benzo(a)anthracene

Concen: 1.007 ng/ul

RT: 21.38 min Scan# 3127

Delta R.T. -0.01 min

Lab File: BN004169.D

Acq: 21 Dec 2018 20:28

Instrument :

BNA_N

ClientSampleId :

F9H31

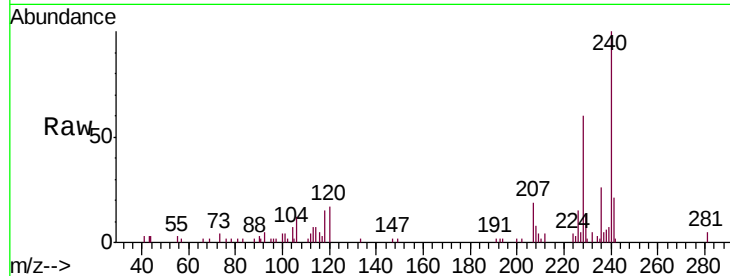
Tgt Ion:228 Resp: 15475

Ion Ratio Lower Upper

228 100

229 21.1 15.9 23.9

226 25.1 21.4 32.2

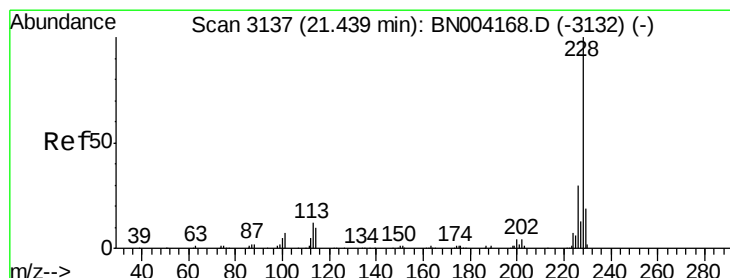
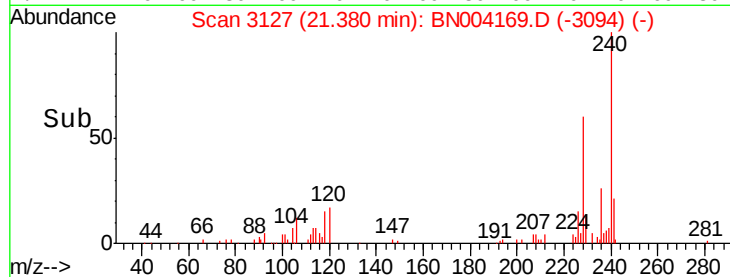
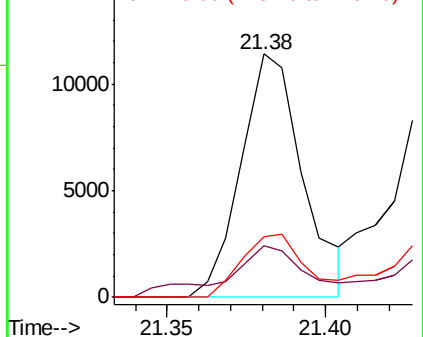


Abundance

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



#84

Chrysene

Concen: 1.075 ng/ul

RT: 21.38 min Scan# 3127

Delta R.T. -0.06 min

Lab File: BN004169.D

Acq: 21 Dec 2018 20:28

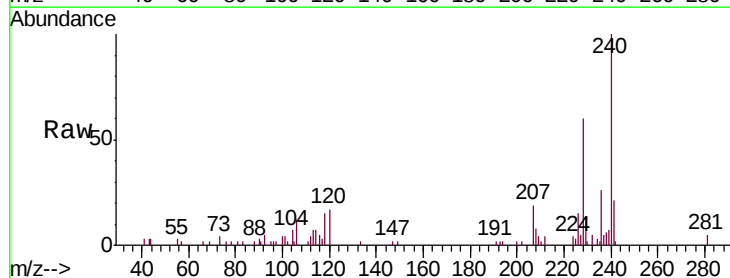
Tgt Ion:228 Resp: 15475

Ion Ratio Lower Upper

228 100

226 25.1 23.8 35.8

229 21.1 15.8 23.6

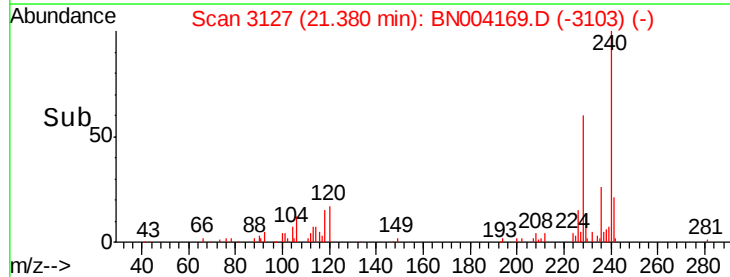
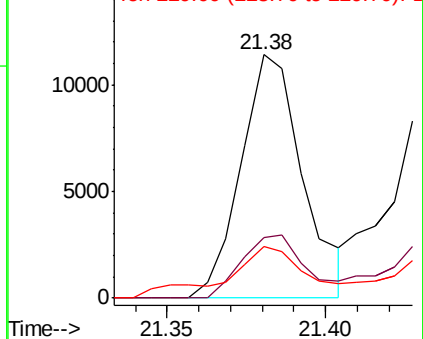


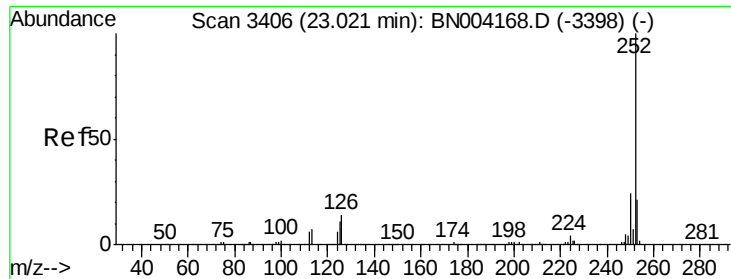
Abundance

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





#87

Benzo(b)fluoranthene

Concen: 1.515 ng/ul

RT: 23.02 min Scan# 3405

Delta R.T. -0.01 min

Lab File: BN004169.D

Acq: 21 Dec 2018 20:28

Instrument :

BNA_N

ClientSampled :

F9H31

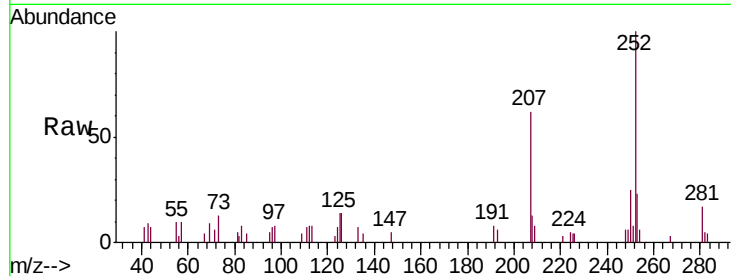
Tgt Ion:252 Resp: 23431

Ion Ratio Lower Upper

252 100

253 23.3 17.3 25.9

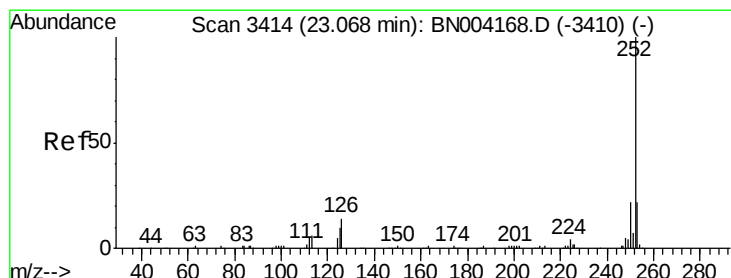
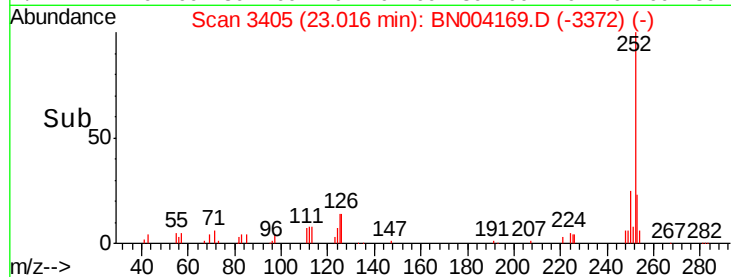
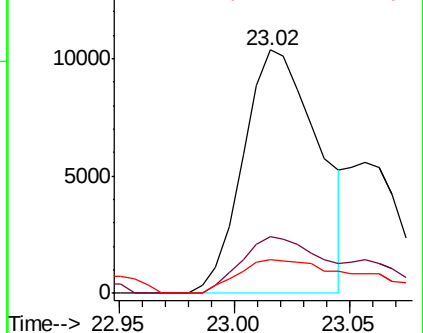
125 14.1 8.2 12.4#



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



#88

Benzo(k)fluoranthene

Concen: 1.617 ng/ul

RT: 23.02 min Scan# 3405

Delta R.T. -0.05 min

Lab File: BN004169.D

Acq: 21 Dec 2018 20:28

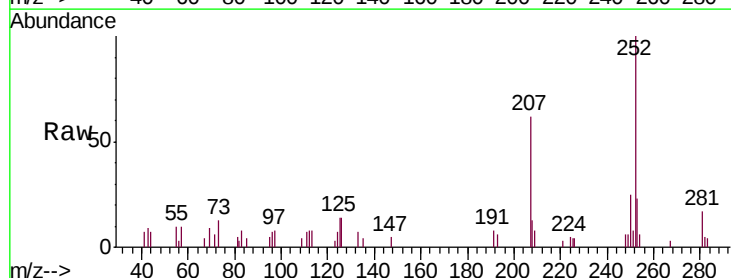
Tgt Ion:252 Resp: 23431

Ion Ratio Lower Upper

252 100

253 23.3 17.1 25.7

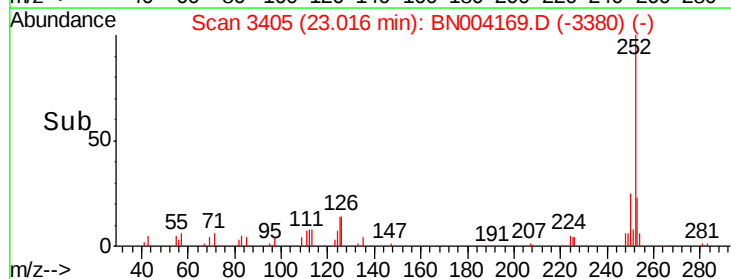
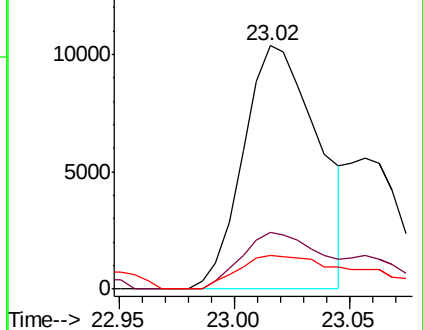
125 14.1 7.9 11.9#

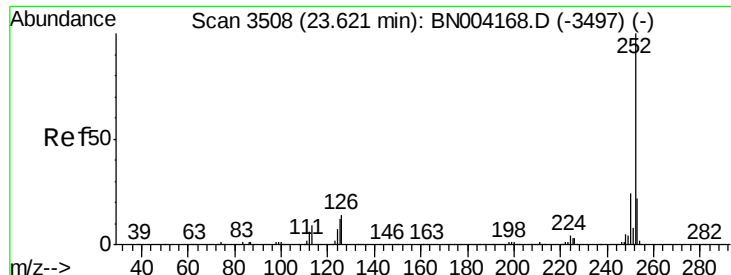


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 1.022 ng/ul

RT: 23.62 min Scan# 3508

Delta R.T. 0.00 min

Lab File: BN004169.D

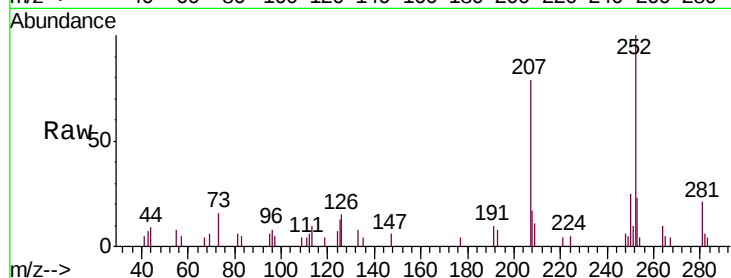
Acq: 21 Dec 2018 20:28

Instrument :

BNA_N

ClientSampleId :

F9H31



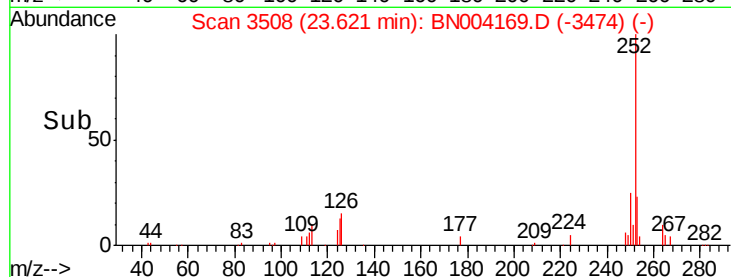
Tgt Ion: 252 Resp: 15227

Ion Ratio Lower Upper

252 100

253 23.3 17.5 26.3

125 12.7 9.1 13.7



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

