

Data File : BN003910.D
Acq On : 14 Dec 2018 02:21
Operator : JU/SJ
Sample : J6229-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F03

Quant Time: Dec 14 04:36:24 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 14 04:33:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	24998	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	130322	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	85236	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	215640	20.00	ng/ul	0.00
77) Chrysene-d12	21.39	240	299802	20.00	ng/ul	0.00
85) Perylene-d12	23.70	264	377852	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.29	96	988	2.59	ng/uL	0.00
5) Phenol-d5	6.99	99	35168	14.31	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	22241	16.62	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	30058	15.61	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	8676	4.21	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	17260	16.71	ng/ul	0.00
22) 2-Nitrophenol-d4	9.71	143	19790	16.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	30650	14.29	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	29669	14.78	ng/ul	0.00
43) Dimethylphthalate-d6	13.87	166	124637	16.38	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	147044	16.29	ng/ul	0.00
51) 4-Nitrophenol-d4	14.66	143	22561	14.34	ng/ul	0.00
57) Fluorene-d10	15.46	176	112155	17.05	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.58	200	14416	9.28	ng/ul	0.00
70) Anthracene-d10	17.31	188	170134	15.61	ng/ul	0.00
78) Pyrene-d10	19.60	212	217221	16.20	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.55	264	313282	15.28	ng/ul	0.00

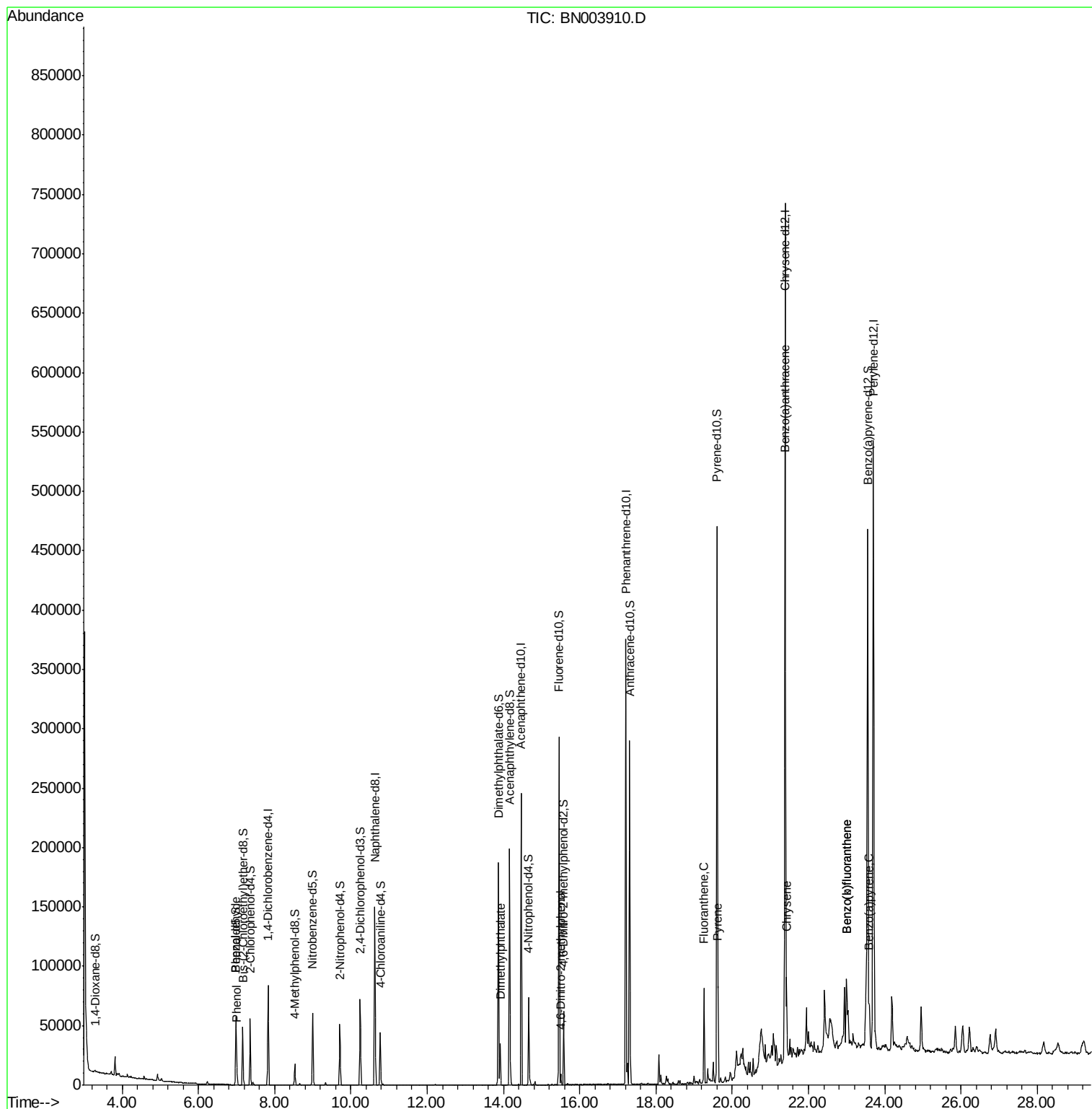
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Benzaldehyde	6.98	77	1033	2.459	ng/ul	97
6) Phenol	7.02	94	7165	2.888	ng/ul	98
44) Dimethylphthalate	13.92	163	24887	3.351	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.51	198	3833	2.402	ng/ul#	59
76) Fluoranthene	19.26	202	47377	3.102	ng/ul	99
79) Pyrene	19.63	202	47078	2.811	ng/ul	99
82) Benzo(a)anthracene	21.37	228	33265	1.779	ng/ul	98
84) Chrysene	21.42	228	36513	2.085	ng/ul	97
87) Benzo(b)fluoranthene	23.00	252	50165	2.216	ng/ul	96
88) Benzo(k)fluoranthene	23.00	252	50165	2.367	ng/ul	96
90) Benzo(a)pyrene	23.60	252	31333	1.437	ng/ul	99

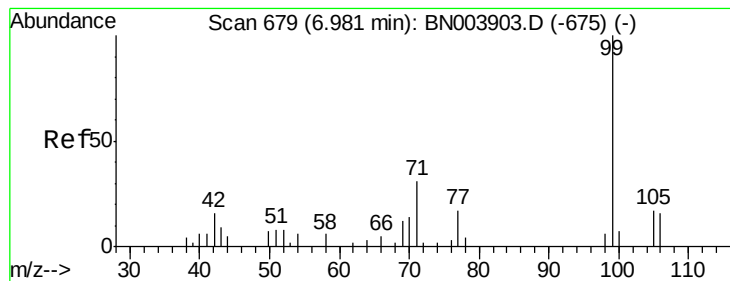
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#4

Benzaldehyde

Concen: 2.459 ng/ul

RT: 6.98 min Scan# 679

Delta R.T. 0.00 min

Lab File: BN003910.D

Acq: 14 Dec 2018 02:21

Instrument :

BNA_N

ClientSampleId :

F9F03

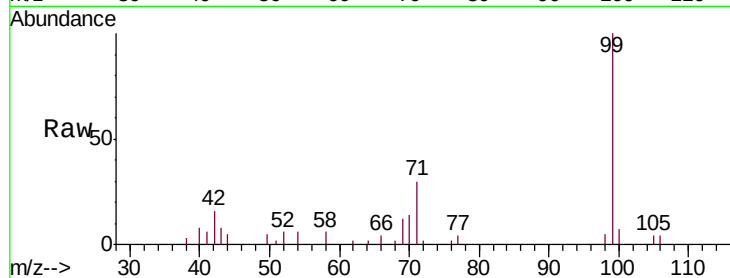
Tgt Ion: 77 Resp: 1033

Ion Ratio Lower Upper

77 100

105 101.0 80.2 120.4

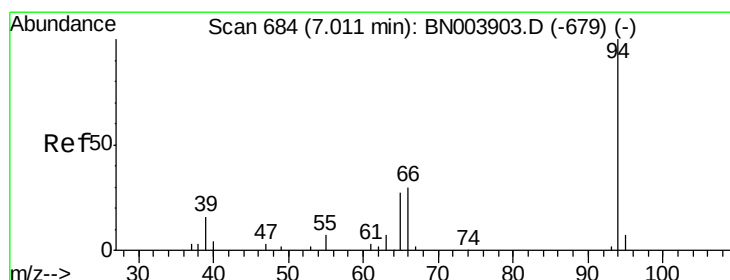
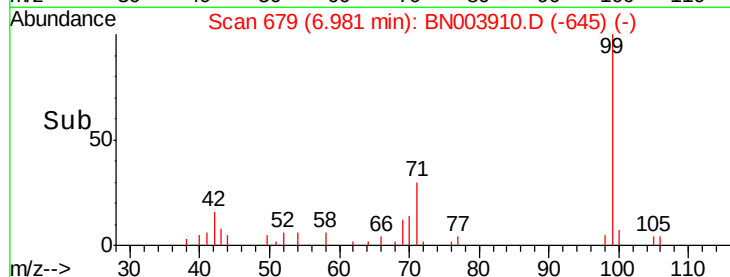
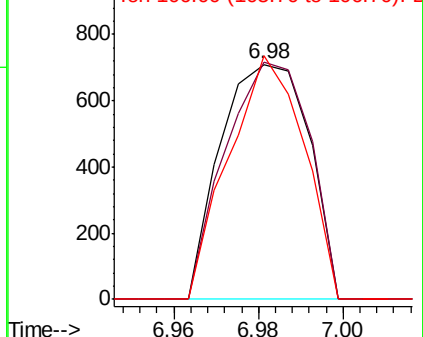
106 103.7 78.8 118.2



Abundance Ion 77.00 (76.70 to 77.70): BN0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#6

Phenol

Concen: 2.888 ng/ul

RT: 7.02 min Scan# 685

Delta R.T. 0.01 min

Lab File: BN003910.D

Acq: 14 Dec 2018 02:21

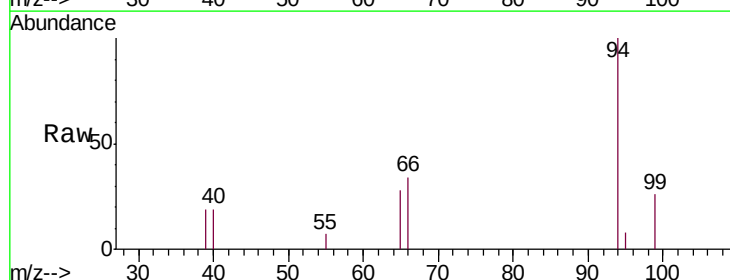
Tgt Ion: 94 Resp: 7165

Ion Ratio Lower Upper

94 100

65 28.1 21.2 31.8

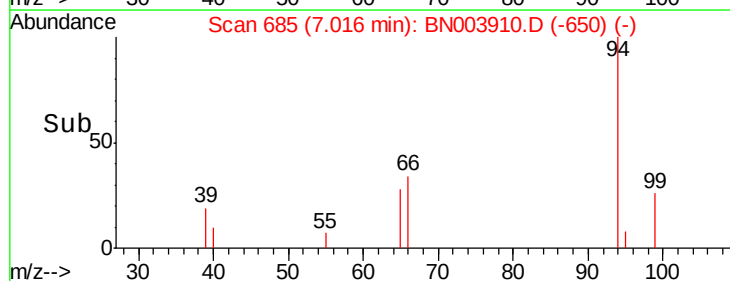
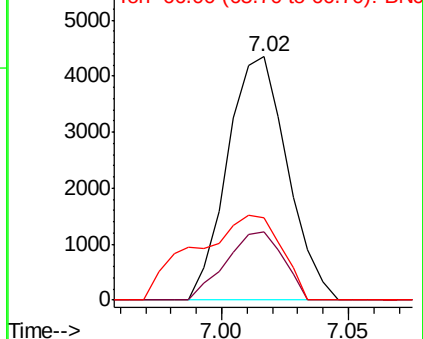
66 34.1 26.9 40.3

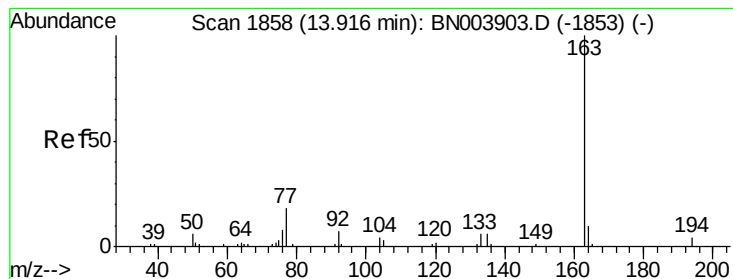


Abundance Ion 94.00 (93.70 to 94.70): BN0

Ion 65.00 (64.70 to 65.70): BN0

Ion 66.00 (65.70 to 66.70): BN0





#44

Dimethylphthalate

Concen: 3.351 ng/ul

RT: 13.92 min Scan# 1858

Delta R.T. 0.00 min

Lab File: BN003910.D

Acq: 14 Dec 2018 02:21

Instrument :

BNA_N

ClientSampleId :

F9F03

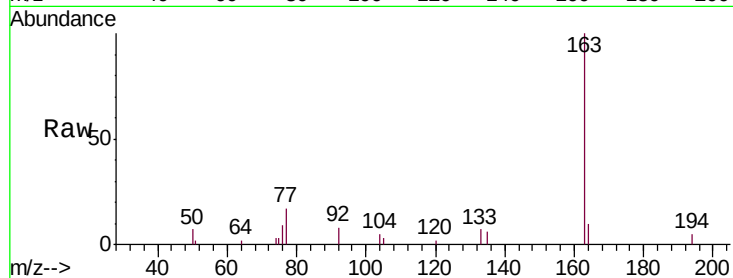
Tgt Ion:163 Resp: 24887

Ion Ratio Lower Upper

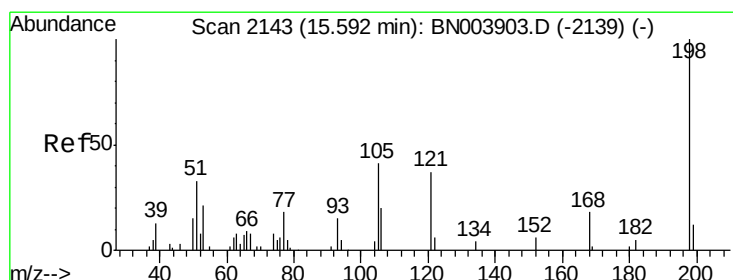
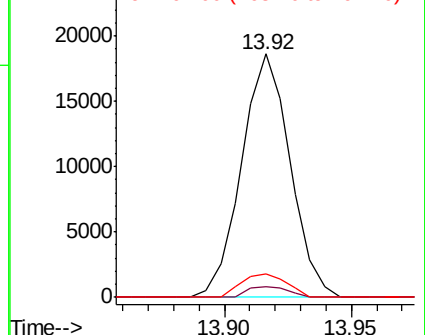
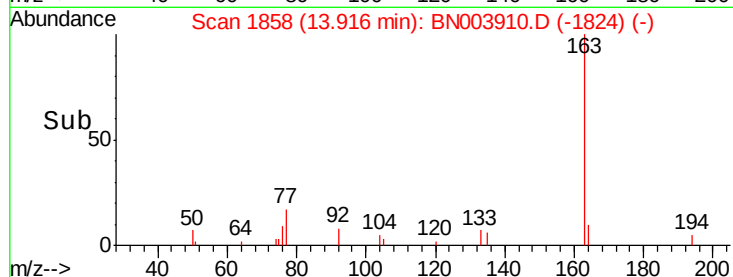
163 100

194 4.6 3.4 5.0

164 9.7 7.9 11.9



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



#63

4,6-Dinitro-2-methylphenol

Concen: 2.402 ng/ul

RT: 15.51 min Scan# 2129

Delta R.T. -0.08 min

Lab File: BN003910.D

Acq: 14 Dec 2018 02:21

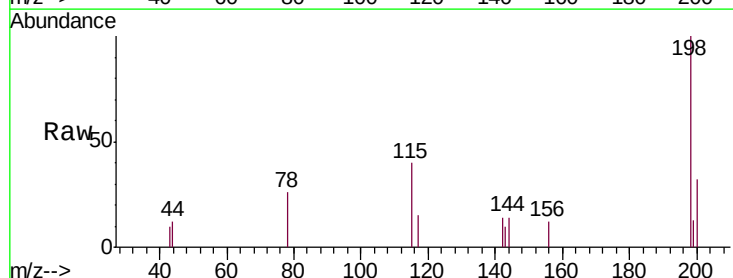
Tgt Ion:198 Resp: 3833

Ion Ratio Lower Upper

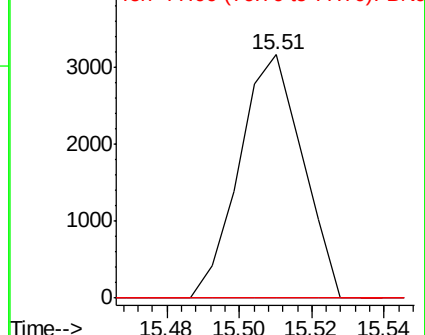
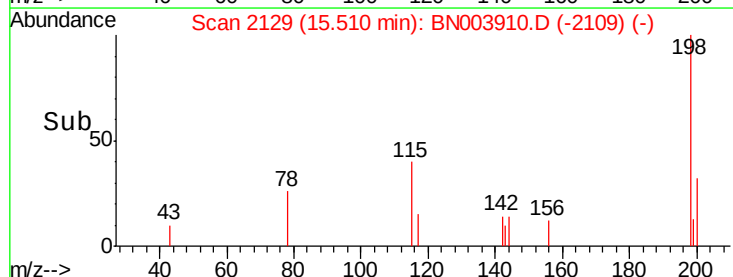
198 100

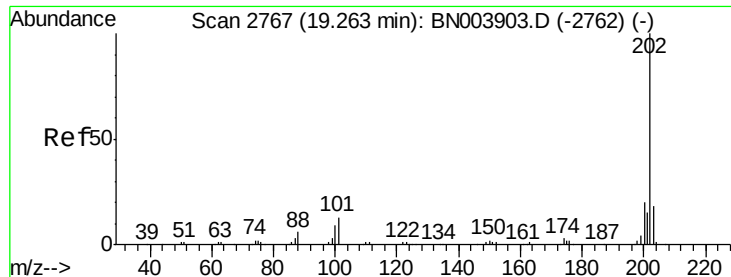
182 0.0 3.0 4.4#

77 0.0 17.4 26.2#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 77.00 (76.70 to 77.70): BNC





#76

Fluoranthene

Concen: 3.102 ng/ul

RT: 19.26 min Scan# 2767

Delta R.T. 0.00 min

Lab File: BN003910.D

Acq: 14 Dec 2018 02:21

Instrument :

BNA_N

ClientSampleId :

F9F03

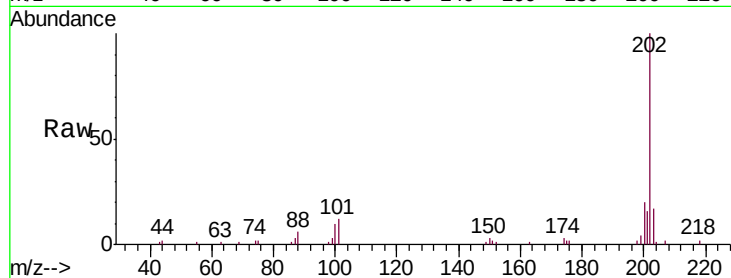
Tgt Ion:202 Resp: 47377

Ion Ratio Lower Upper

202 100

101 12.0 10.2 15.2

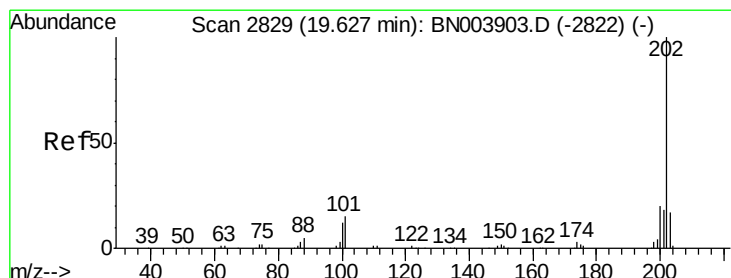
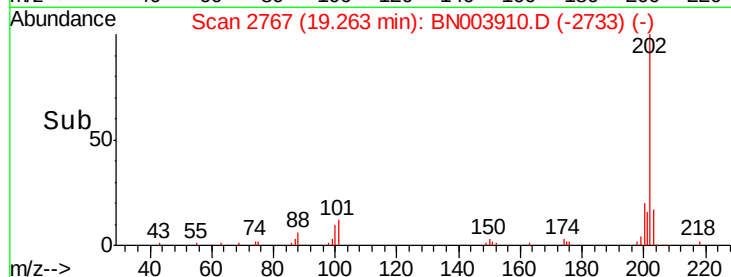
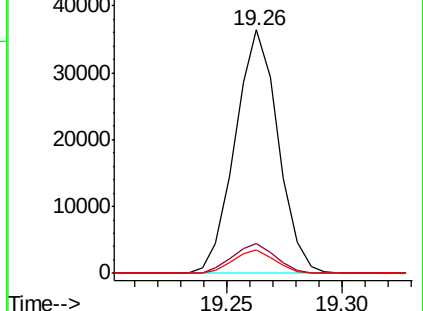
100 9.6 7.8 11.8



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: 2.811 ng/ul

RT: 19.63 min Scan# 2829

Delta R.T. 0.00 min

Lab File: BN003910.D

Acq: 14 Dec 2018 02:21

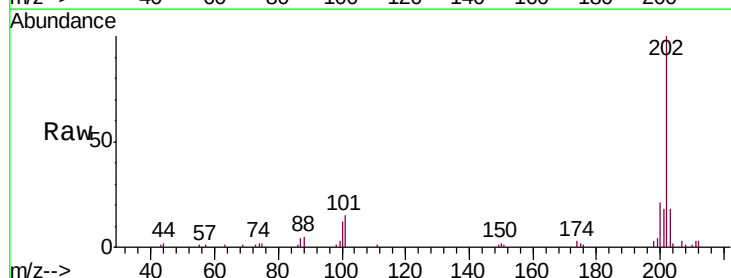
Tgt Ion:202 Resp: 47078

Ion Ratio Lower Upper

202 100

101 14.5 12.2 18.2

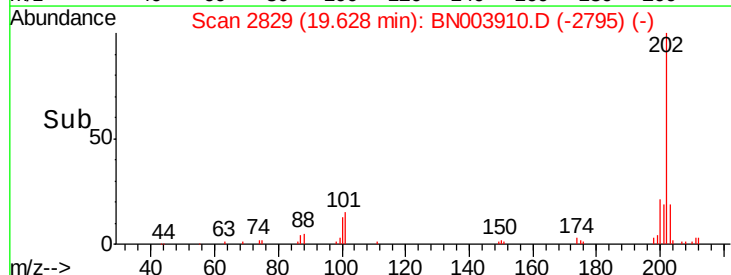
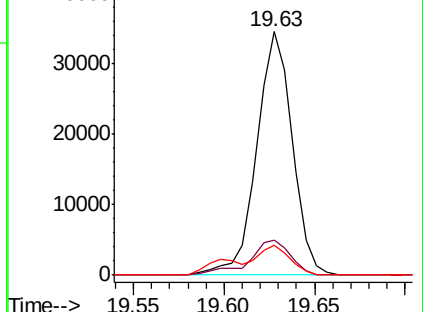
100 12.4 9.9 14.9

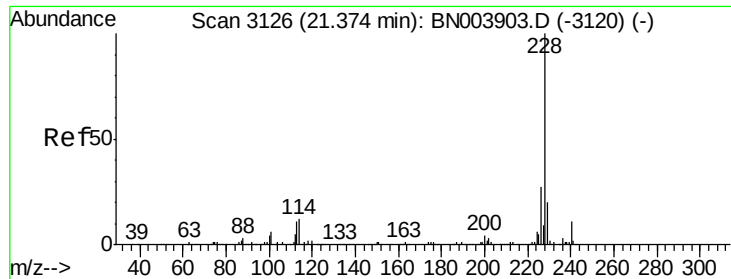


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#82

Benzo(a)anthracene

Concen: 1.779 ng/ul

RT: 21.37 min Scan# 3126

Delta R.T. 0.00 min

Lab File: BN003910.D

Acq: 14 Dec 2018 02:21

Instrument :

BNA_N

ClientSampleId :

F9F03

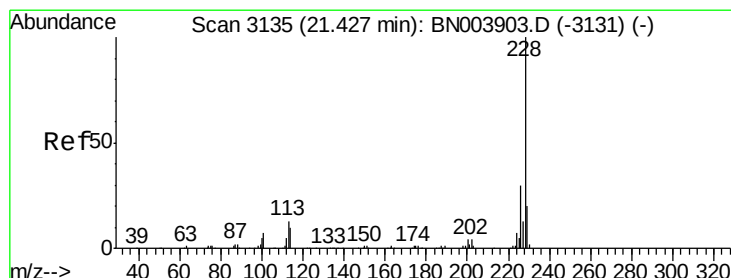
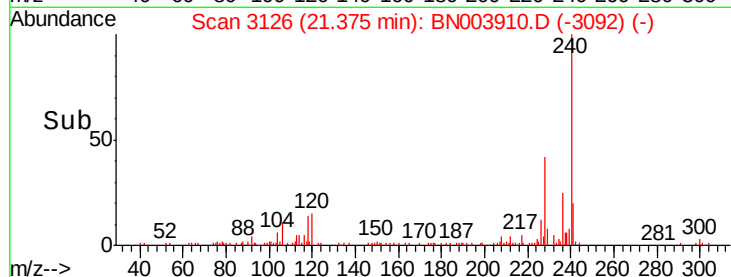
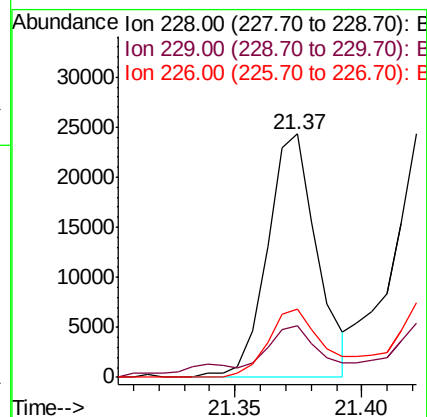
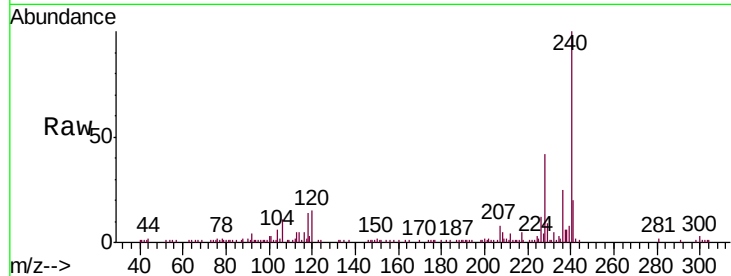
Tgt Ion:228 Resp: 33265

Ion Ratio Lower Upper

228 100

229 21.1 15.9 23.9

226 27.8 21.4 32.2



#84

Chrysene

Concen: 2.085 ng/ul

RT: 21.42 min Scan# 3134

Delta R.T. -0.01 min

Lab File: BN003910.D

Acq: 14 Dec 2018 02:21

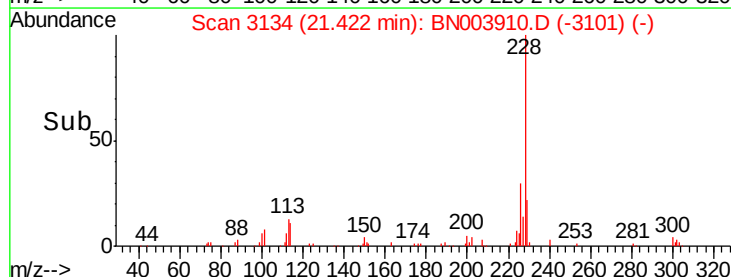
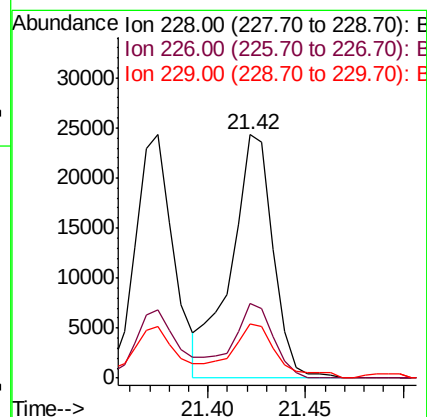
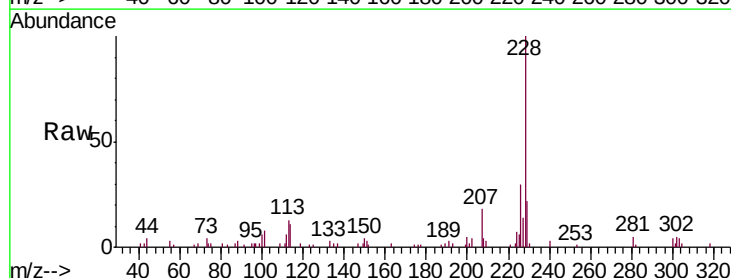
Tgt Ion:228 Resp: 36513

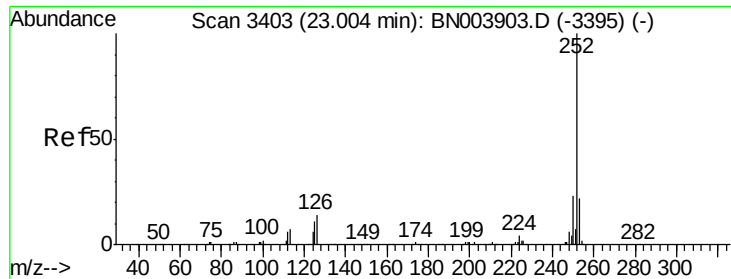
Ion Ratio Lower Upper

228 100

226 30.5 23.8 35.8

229 22.3 15.8 23.6





#87

Benzo(b)fluoranthene

Concen: 2.216 ng/ul

RT: 23.00 min Scan# 3402

Delta R.T. -0.01 min

Lab File: BN003910.D

Acq: 14 Dec 2018 02:21

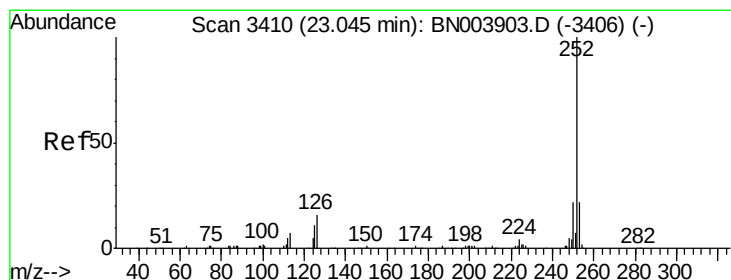
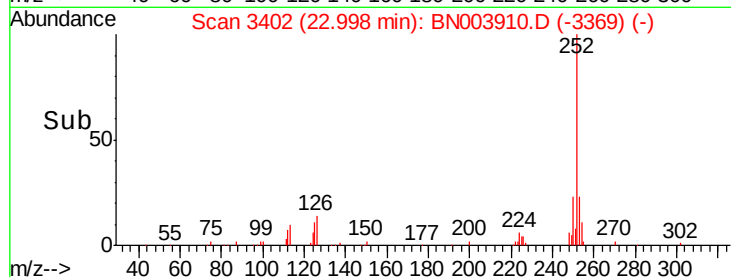
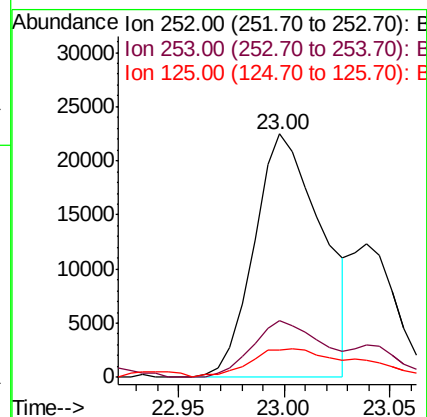
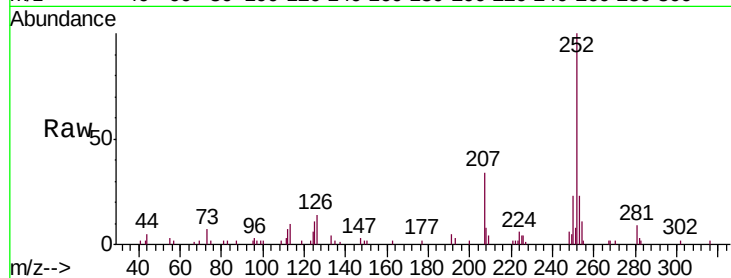
Instrument :

BNA_N

ClientSampleId :

F9F03

Tgt Ion:	252	Resp:	50165
Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.3	25.9
125	11.4	8.2	12.4



#88

Benzo(k)fluoranthene

Concen: 2.367 ng/ul

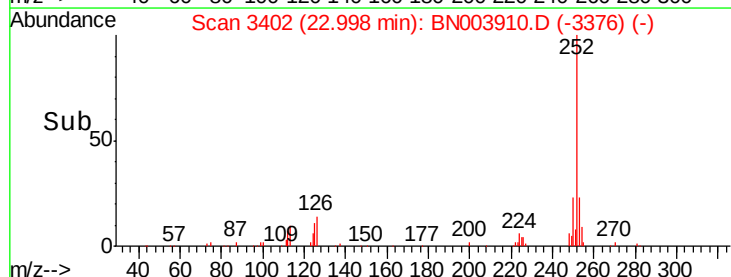
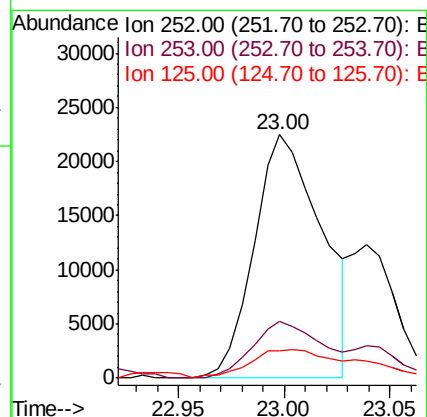
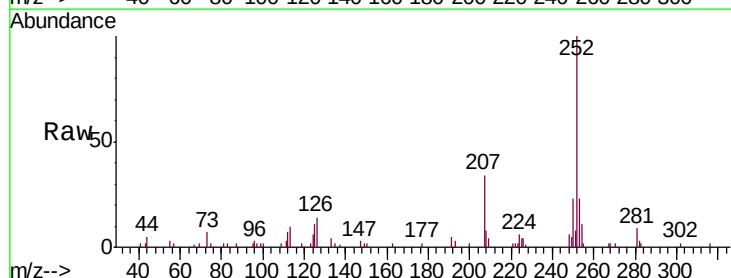
RT: 23.00 min Scan# 3402

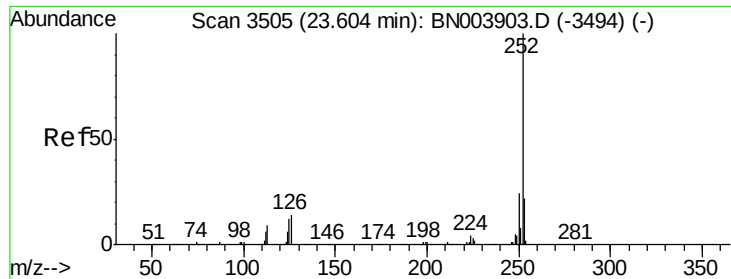
Delta R.T. -0.05 min

Lab File: BN003910.D

Acq: 14 Dec 2018 02:21

Tgt Ion:	252	Resp:	50165
Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.1	25.7
125	11.4	7.9	11.9





#90

Benzo(a)pyrene

Concen: 1.437 ng/ul

RT: 23.60 min Scan# 3504

Delta R.T. -0.01 min

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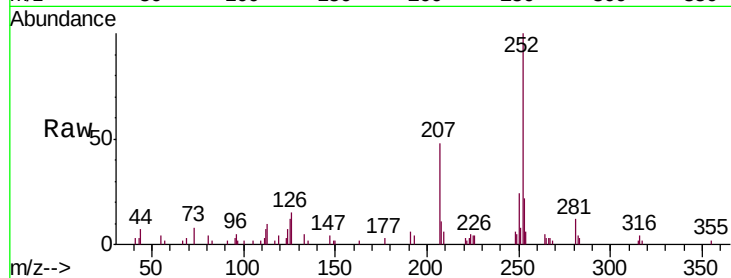
Tgt Ion:252 Resp: 31333

Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

125 11.9 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

