

Data File : BN003912.D
Acq On : 14 Dec 2018 03:31
Operator : JU/SJ
Sample : J6299-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F24

Quant Time: Dec 14 04:36:48 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	25454	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	130598	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	83780	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	209145	20.00	ng/ul	0.00
77) Chrysene-d12	21.39	240	294095	20.00	ng/ul	0.00
85) Perylene-d12	23.70	264	361616	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	825	2.12	ng/uL	0.00
5) Phenol-d5	6.99	99	37475	14.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	21714	15.94	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	31188	15.91	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	29344	13.99	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	16989	16.42	ng/ul	0.00
22) 2-Nitrophenol-d4	9.71	143	18812	16.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	33747	15.70	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	39962	19.87	ng/ul	0.00
43) Dimethylphthalate-d6	13.87	166	112831	15.09	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	145407	16.39	ng/ul	0.00
51) 4-Nitrophenol-d4	14.66	143	18187	11.76	ng/ul	0.00
57) Fluorene-d10	15.46	176	107220	16.58	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.58	200	7228	4.80	ng/ul	0.00
70) Anthracene-d10	17.31	188	174555	16.52	ng/ul	0.00
78) Pyrene-d10	19.60	212	212070	16.12	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.56	264	317290	16.17	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	7.02	94	8586	3.399	ng/ul	99
44) Dimethylphthalate	13.92	163	21115	2.892	ng/ul	99
76) Fluoranthene	19.26	202	20600	1.391	ng/ul	99
79) Pyrene	19.63	202	23522	1.432	ng/ul	99
82) Benzo(a)anthracene	21.37	228	18793	1.025	ng/ul	94
84) Chrysene	21.43	228	19138	1.114	ng/ul	98
87) Benzo(b)fluoranthene	23.00	252	43784	2.021	ng/ul#	95
88) Benzo(k)fluoranthene	23.00	252	43784	2.159	ng/ul#	94

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

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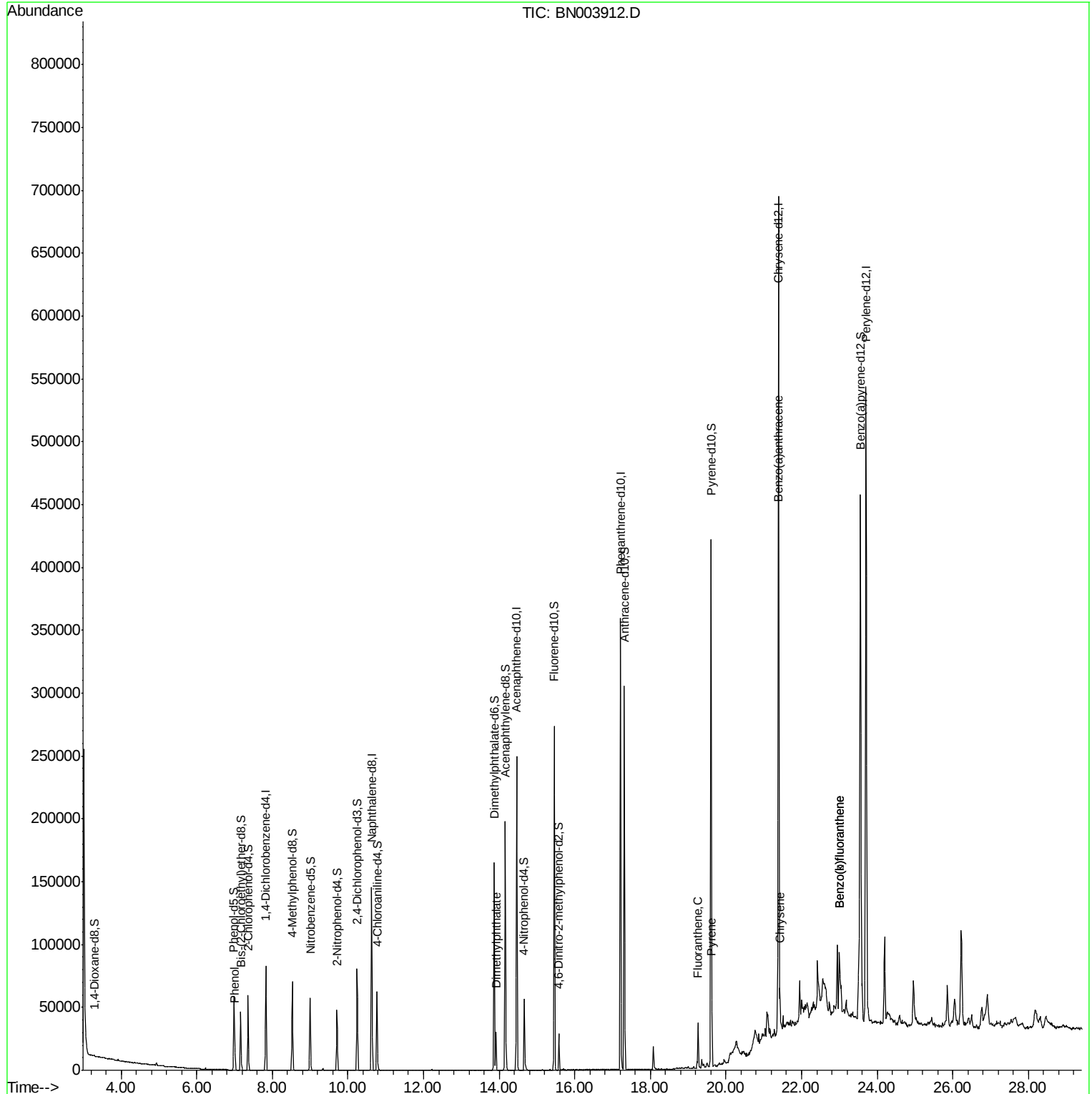
Quant Time: Dec 14 04:36:48 2018

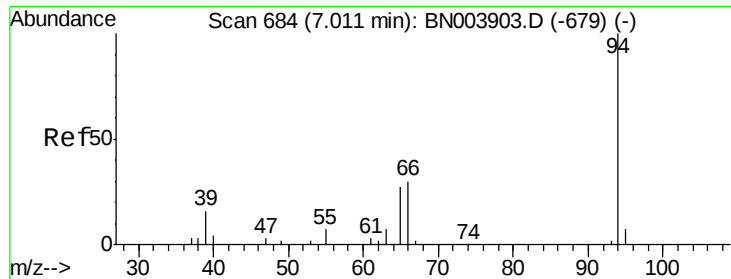
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Fri Dec 14 04:33:02 2018

Response via : Initial Calibration





#6

Phenol

Concen: 3.399 ng/ul

RT: 7.02 min Scan# 685

Delta R.T. 0.01 min

Lab File: BN003912.D

Acq: 14 Dec 2018 03:31

Instrument :

BNA_N

ClientSampleId :

F9F24

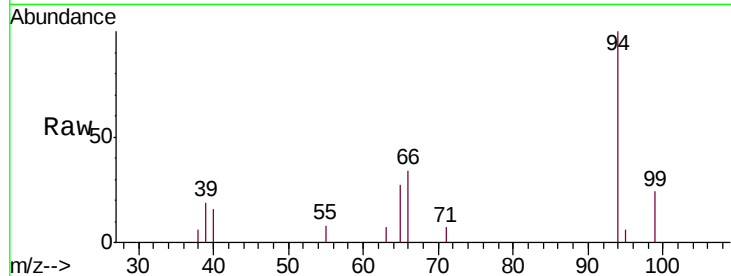
Tgt Ion: 94 Resp: 8586

Ion Ratio Lower Upper

94 100

65 26.6 21.2 31.8

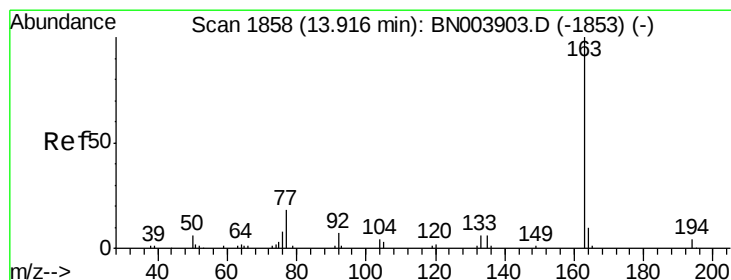
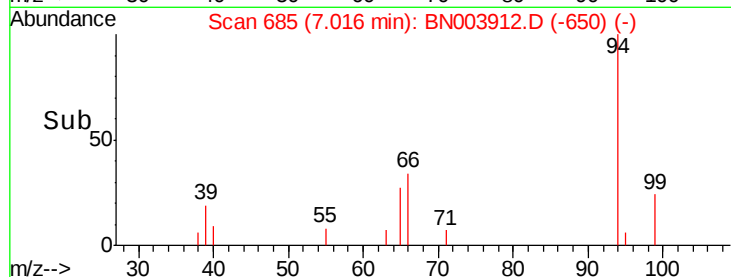
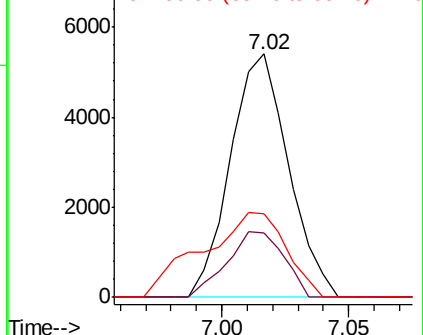
66 34.2 26.9 40.3



Abundance Ion 94.00 (93.70 to 94.70): BN003912.D (-650) (-)

Ion 65.00 (64.70 to 65.70): BN003912.D (-650) (-)

Ion 66.00 (65.70 to 66.70): BN003912.D (-650) (-)



#44

Dimethylphthalate

Concen: 2.892 ng/ul

RT: 13.92 min Scan# 1858

Delta R.T. 0.00 min

Lab File: BN003912.D

Acq: 14 Dec 2018 03:31

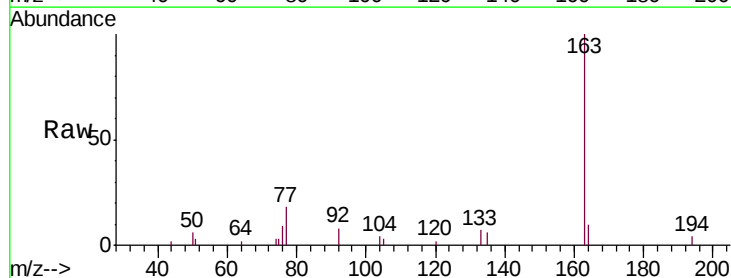
Tgt Ion: 163 Resp: 21115

Ion Ratio Lower Upper

163 100

194 3.6 3.4 5.0

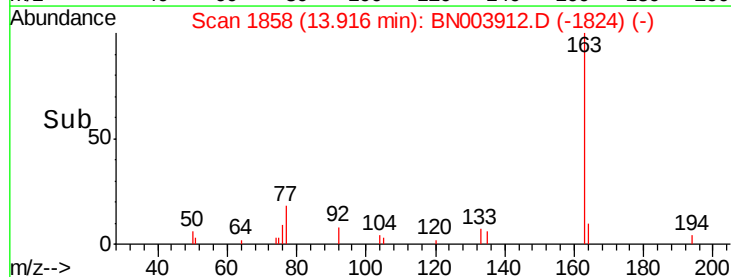
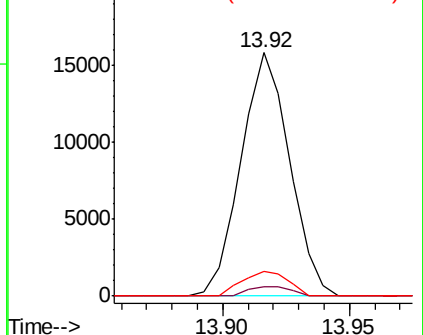
164 10.2 7.9 11.9

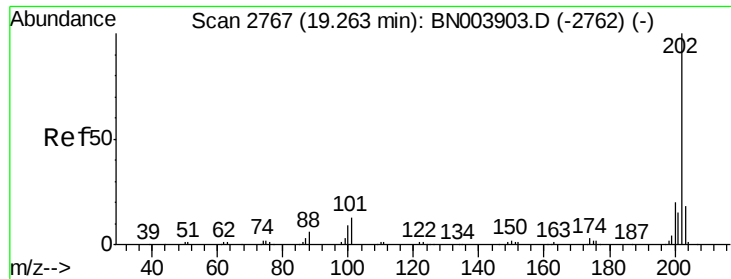


Abundance Ion 163.00 (162.70 to 163.70): BN003912.D (-1824) (-)

Ion 194.00 (193.70 to 194.70): BN003912.D (-1824) (-)

Ion 164.00 (163.70 to 164.70): BN003912.D (-1824) (-)

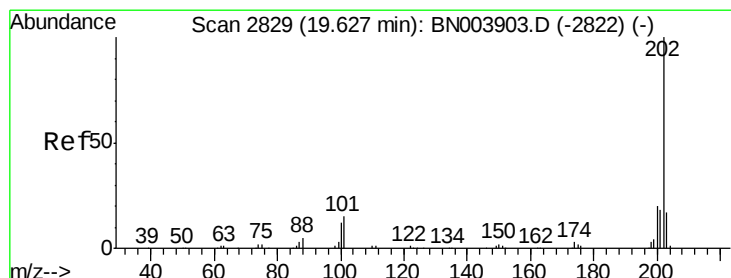
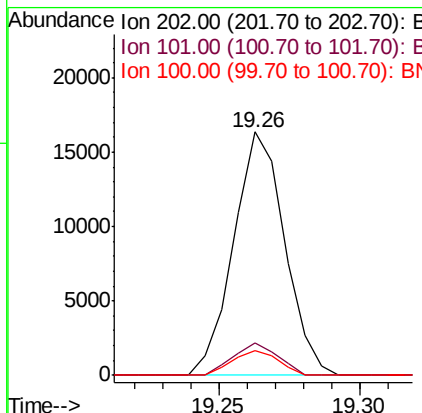
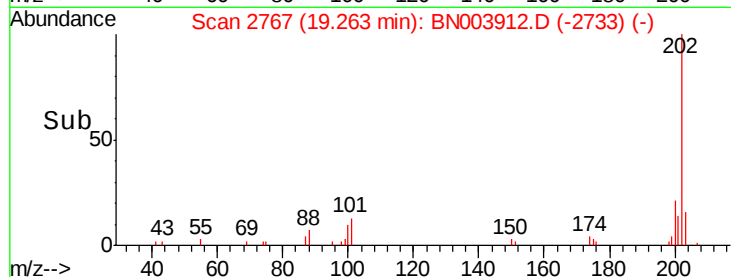
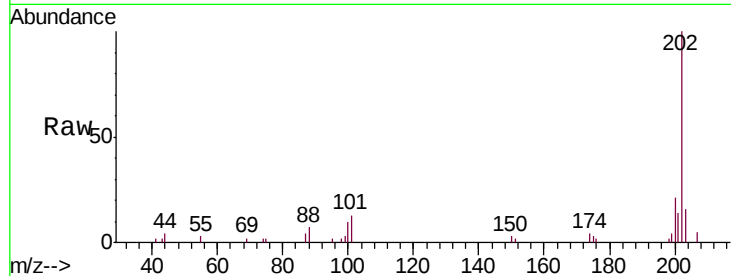




#76
Fluoranthene
Concen: 1.391 ng/ul
RT: 19.26 min Scan# 2767
Delta R.T. 0.00 min
Lab File: BN003912.D
Acq: 14 Dec 2018 03:31

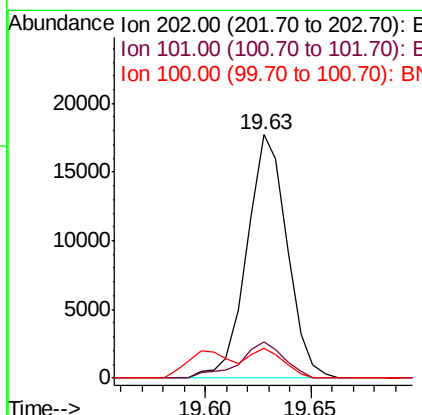
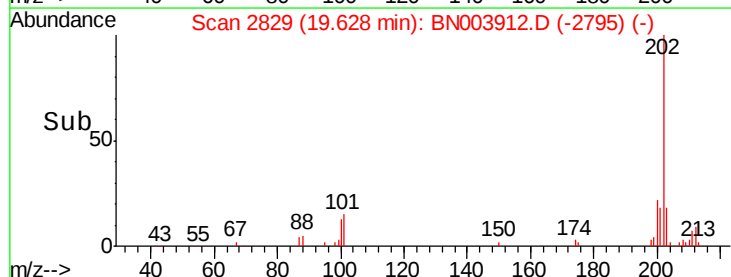
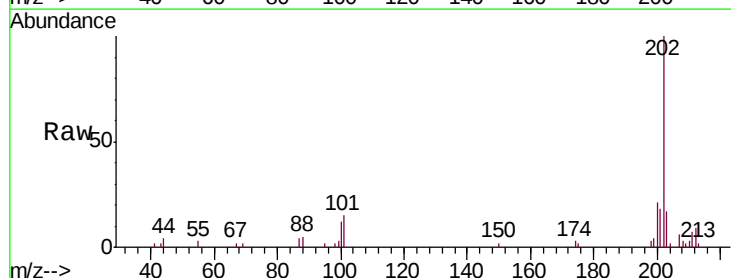
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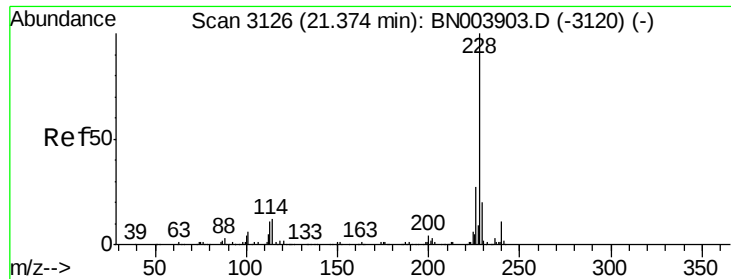
Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.1	10.2	15.2
100	9.9	7.8	11.8



#79
Pyrene
Concen: 1.432 ng/ul
RT: 19.63 min Scan# 2829
Delta R.T. 0.00 min
Lab File: BN003912.D
Acq: 14 Dec 2018 03:31

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.7	12.2	18.2
100	12.3	9.9	14.9





#82

Benzo(a)anthracene

Concen: 1.025 ng/ul

RT: 21.37 min Scan# 3126

Delta R.T. 0.00 min

Lab File: BN003912.D

Acq: 14 Dec 2018 03:31

Instrument :

BNA_N

ClientSampleId :

F9F24

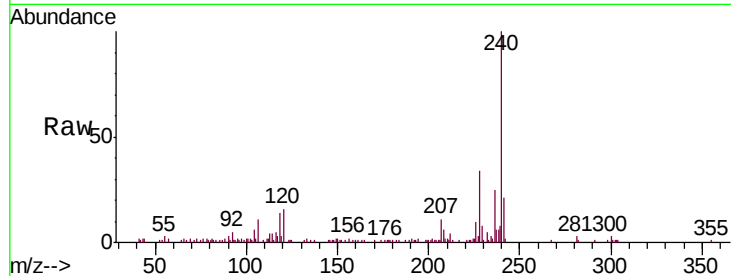
Tgt Ion:228 Resp: 18793

Ion Ratio Lower Upper

228 100

229 21.9 15.9 23.9

226 30.3 21.4 32.2

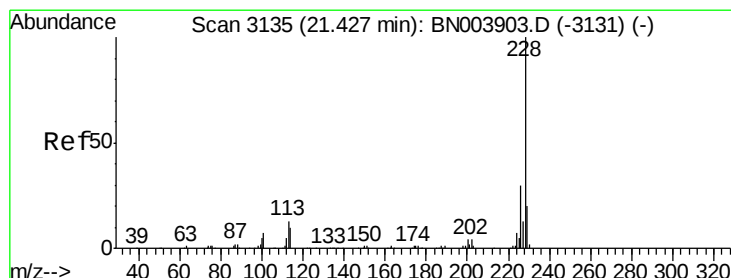
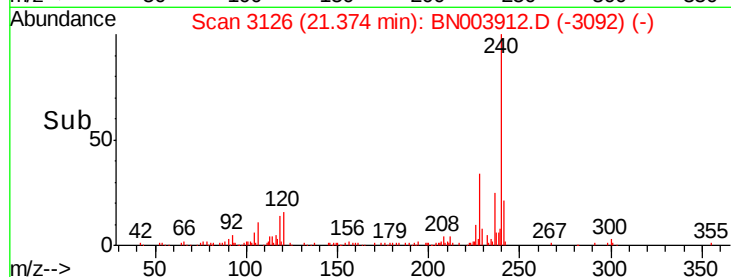
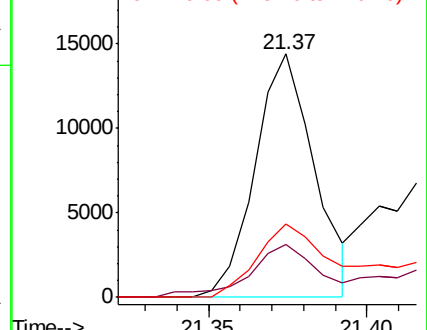


Abundance

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: 1.114 ng/ul

RT: 21.43 min Scan# 3135

Delta R.T. 0.00 min

Lab File: BN003912.D

Acq: 14 Dec 2018 03:31

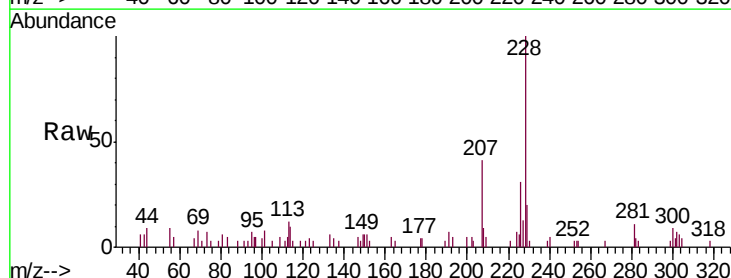
Tgt Ion:228 Resp: 19138

Ion Ratio Lower Upper

228 100

226 31.2 23.8 35.8

229 20.1 15.8 23.6

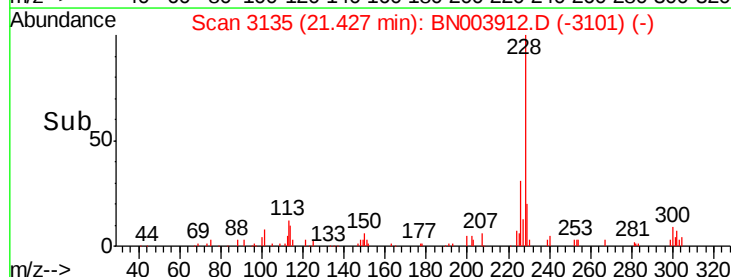
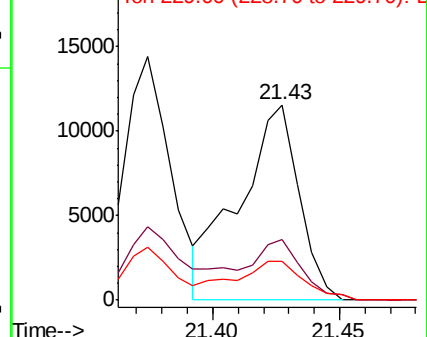


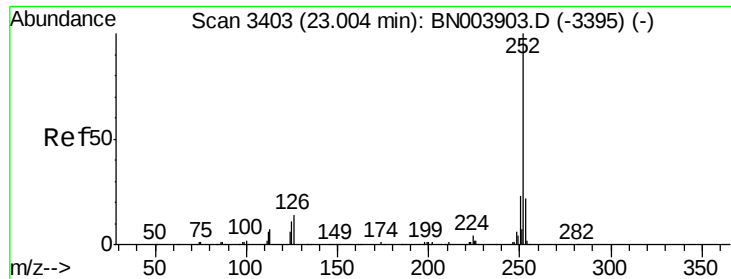
Abundance

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: 2.021 ng/ul

RT: 23.00 min Scan# 3403

Delta R.T. 0.00 min

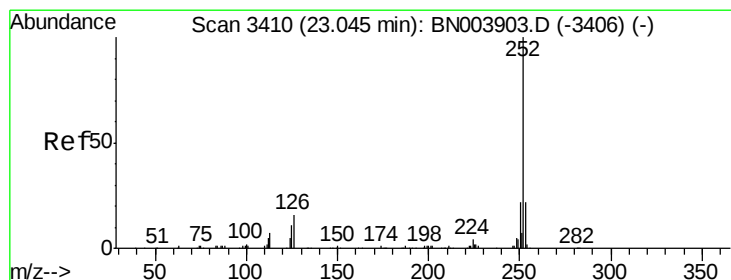
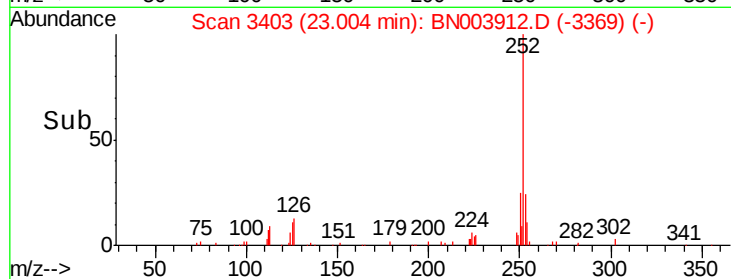
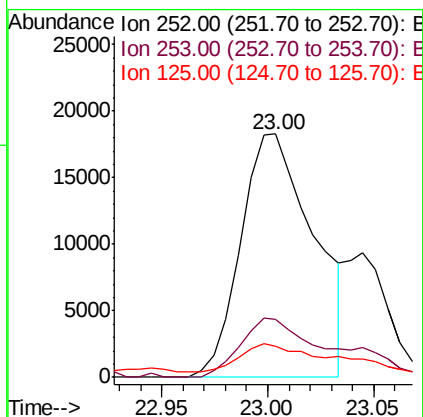
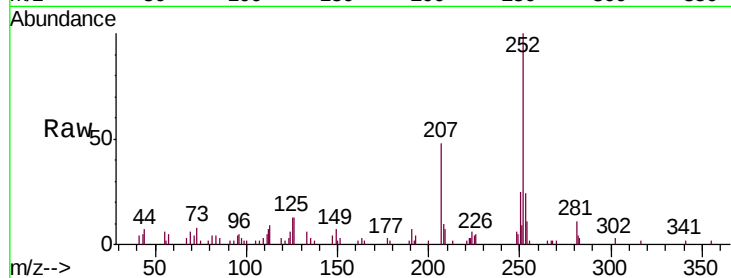
Lab File: BN003912.D

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Tgt Ion:252 Resp: 43784

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.3	25.9
125	13.0	8.2	12.4#



#88

Benzo(k)fluoranthene

Concen: 2.159 ng/ul

RT: 23.00 min Scan# 3403

Delta R.T. -0.04 min

Lab File: BN003912.D

Acq: 14 Dec 2018 03:31

Tgt Ion:252 Resp: 43784

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.1	25.7
125	13.0	7.9	11.9#

