

Data File : BN003904.D
Acq On : 13 Dec 2018 22:51
Operator : JU/SJ
Sample : J6229-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F05

Quant Time: Dec 14 04:35:33 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	20638	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	109106	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	72687	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	189805	20.00	ng/ul	0.00
77) Chrysene-d12	21.39	240	273875	20.00	ng/ul	0.00
85) Perylene-d12	23.70	264	351471	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	777	2.46	ng/uL	0.00
5) Phenol-d5	6.99	99	30717	15.14	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	18991	17.19	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	25736	16.19	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	16290	9.58	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	14015	16.21	ng/ul	0.00
22) 2-Nitrophenol-d4	9.71	143	15596	15.93	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	27877	15.52	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	31827	18.94	ng/ul	0.00
43) Dimethylphthalate-d6	13.87	166	110559	17.04	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	130590	16.96	ng/ul	0.00
51) 4-Nitrophenol-d4	14.66	143	18972	14.14	ng/ul	0.00
57) Fluorene-d10	15.46	176	106216	18.93	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	16875	12.34	ng/ul	0.00
70) Anthracene-d10	17.30	188	165855	17.29	ng/ul	0.00
78) Pyrene-d10	19.60	212	212711	17.36	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.55	264	330386	17.33	ng/ul	0.00

Target Compounds

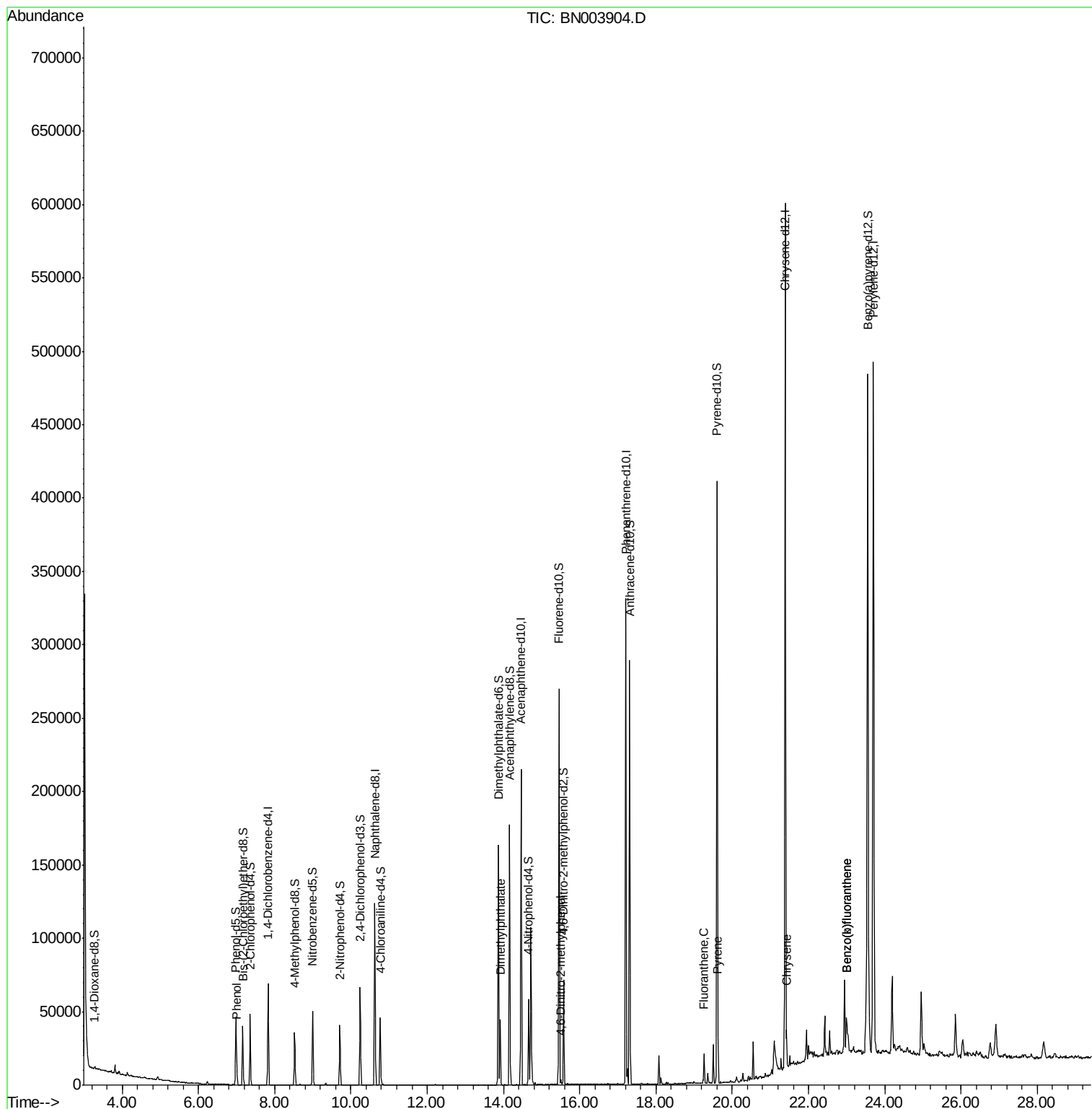
					Qvalue	
6) Phenol	7.01	94	6091	2.974	ng/ul	94
44) Dimethylphthalate	13.92	163	29884	4.718	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.51	198	1978	1.408	ng/ul#	59
76) Fluoranthene	19.26	202	13798	1.026	ng/ul	99
79) Pyrene	19.63	202	17377	1.136	ng/ul	97
84) Chrysene	21.43	228	16389	1.025	ng/ul	98
87) Benzo(b)fluoranthene	23.00	252	22989	1.092	ng/ul#	91
88) Benzo(k)fluoranthene	23.00	252	22989	1.166	ng/ul#	91

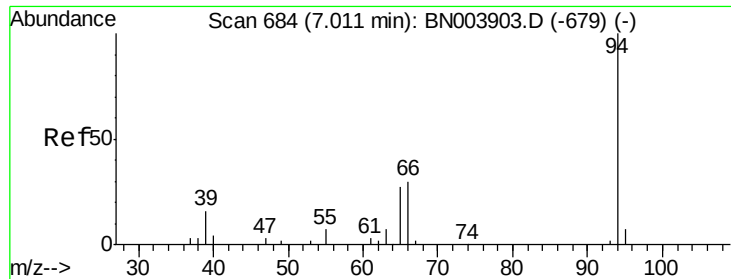
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 2.974 ng/ul

RT: 7.01 min Scan# 684

Delta R.T. -0.00 min

Lab File: BN003904.D

Acq: 13 Dec 2018 22:51

Instrument :

BNA_N

ClientSampled :

F9F05

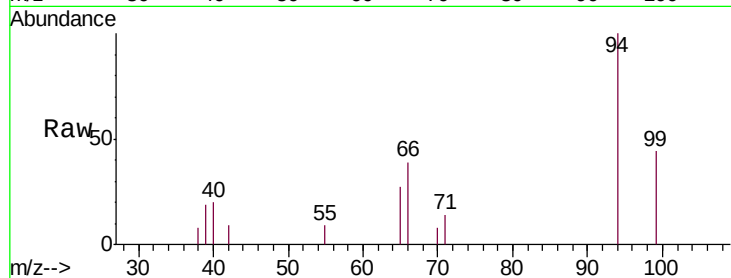
Tgt Ion: 94 Resp: 6091

Ion Ratio Lower Upper

94 100

65 27.2 21.2 31.8

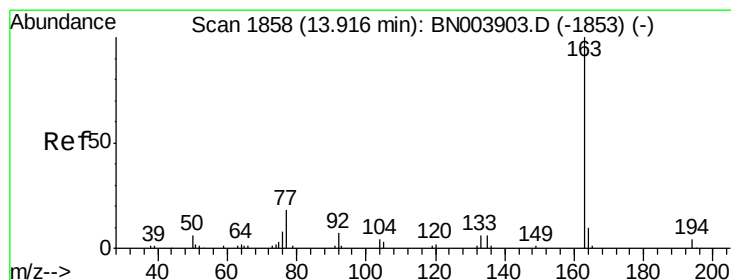
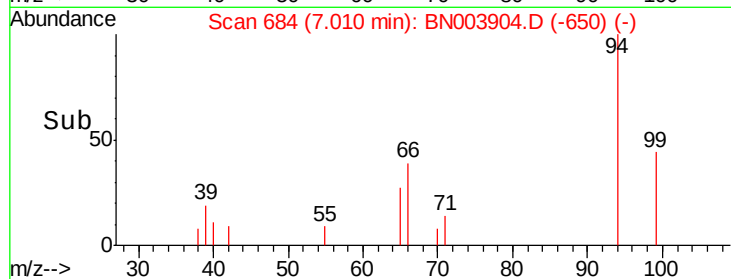
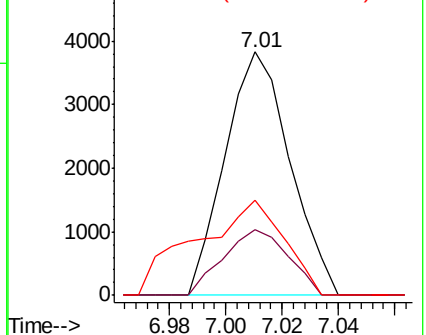
66 39.3 26.9 40.3



Abundance Ion 94.00 (93.70 to 94.70): BN003903.D (-679) (-)

Ion 65.00 (64.70 to 65.70): BN003903.D (-679) (-)

Ion 66.00 (65.70 to 66.70): BN003903.D (-679) (-)



#44

Dimethylphthalate

Concen: 4.718 ng/ul

RT: 13.92 min Scan# 1858

Delta R.T. -0.00 min

Lab File: BN003904.D

Acq: 13 Dec 2018 22:51

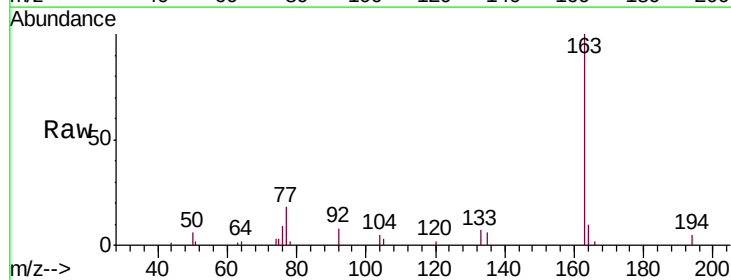
Tgt Ion: 163 Resp: 29884

Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.0

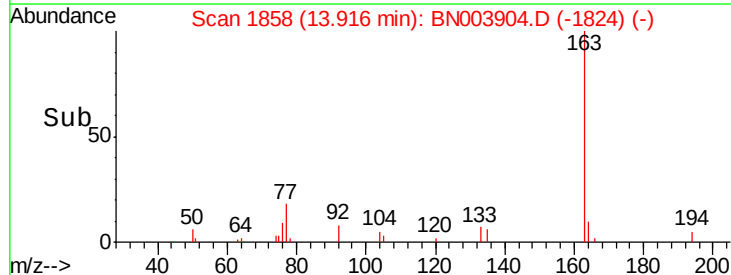
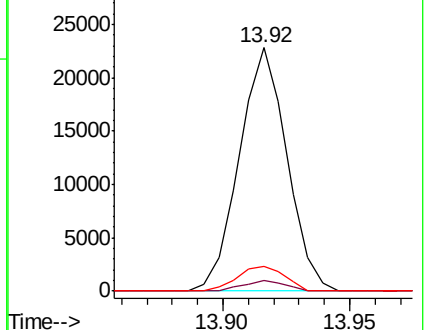
164 10.1 7.9 11.9

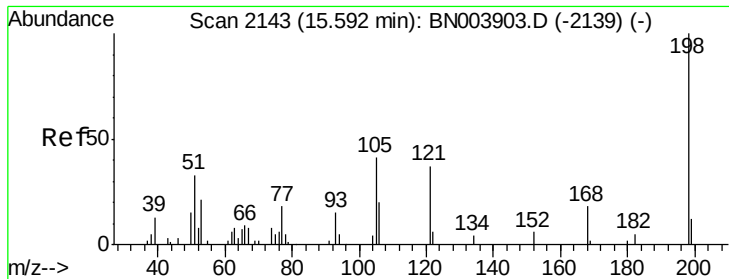


Abundance Ion 163.00 (162.70 to 163.70): BN003903.D (-1853) (-)

Ion 194.00 (193.70 to 194.70): BN003903.D (-1853) (-)

Ion 164.00 (163.70 to 164.70): BN003903.D (-1853) (-)

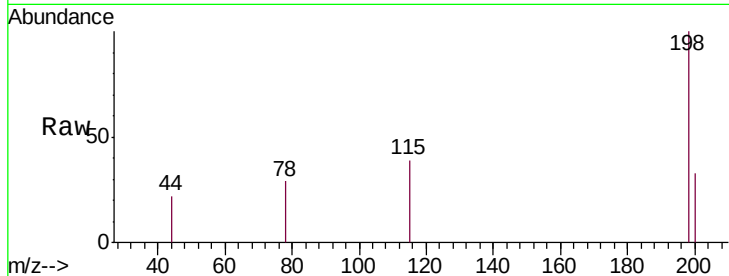




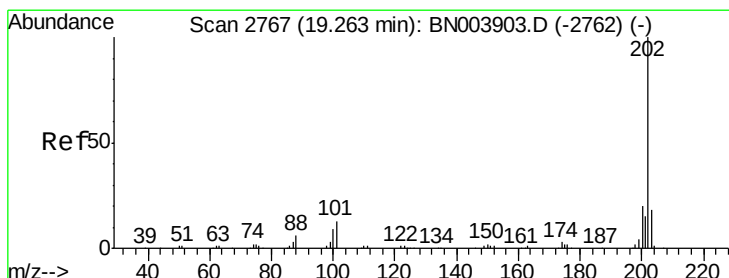
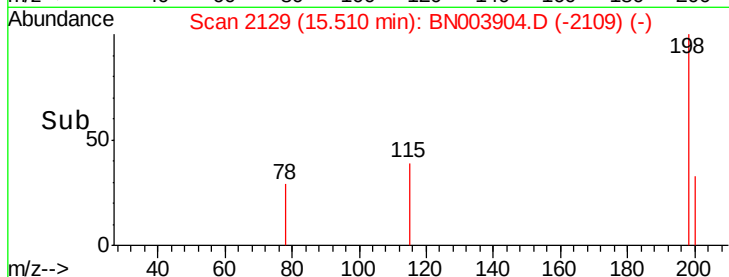
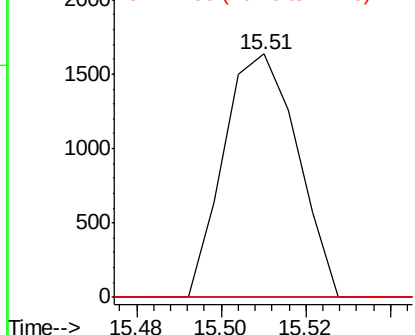
#63
 4,6-Dinitro-2-methylphenol
 Concen: 1.408 ng/ul
 RT: 15.51 min Scan# 2129
 Delta R.T. -0.08 min
 Lab File: BN003904.D
 Acq: 13 Dec 2018 22:51

Instrument :
 BNA_N
 ClientSampleId :
 F9F05

Tgt Ion:198 Resp: 1978
 Ion Ratio Lower Upper
 198 100
 182 0.0 3.0 4.4#
 77 0.0 17.4 26.2#

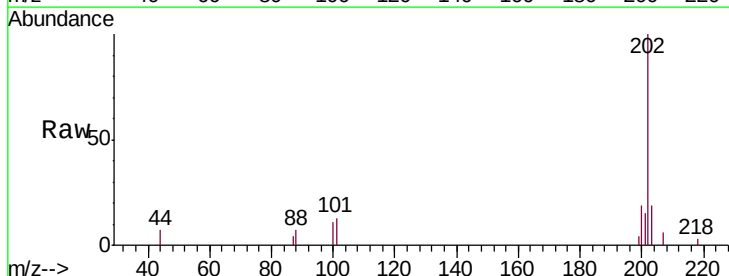


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 77.00 (76.70 to 77.70): B

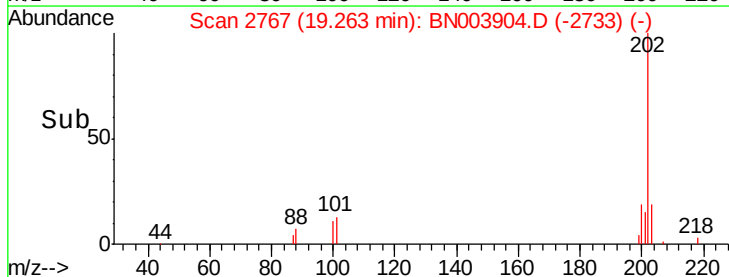
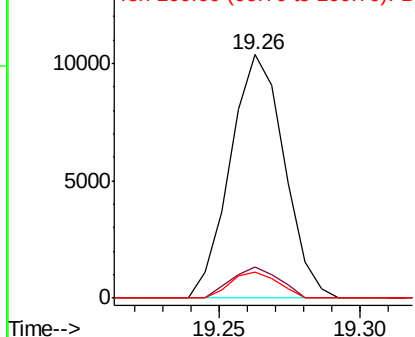


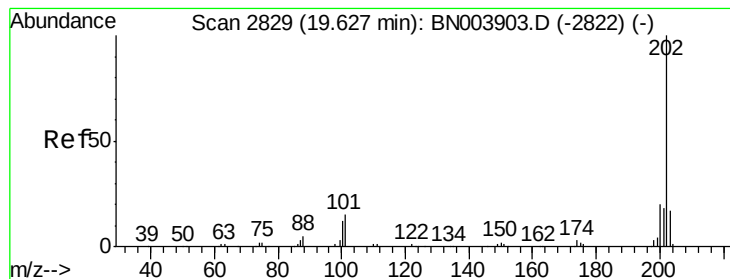
#76
 Fluoranthene
 Concen: 1.026 ng/ul
 RT: 19.26 min Scan# 2767
 Delta R.T. -0.00 min
 Lab File: BN003904.D
 Acq: 13 Dec 2018 22:51

Tgt Ion:202 Resp: 13798
 Ion Ratio Lower Upper
 202 100
 101 12.6 10.2 15.2
 100 10.8 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: 1.136 ng/ul

RT: 19.63 min Scan# 2829

Delta R.T. -0.00 min

Lab File: BN003904.D

Acq: 13 Dec 2018 22:51

Instrument :

BNA_N

ClientSampleId :

F9F05

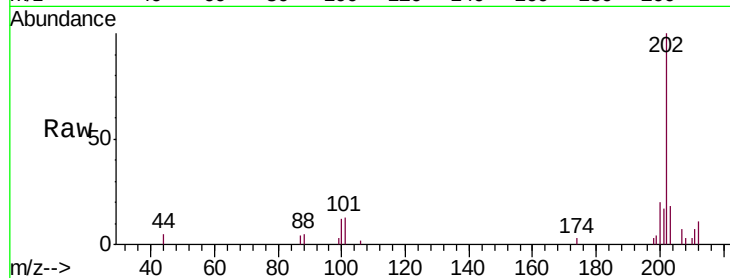
Tgt Ion:202 Resp: 17377

Ion Ratio Lower Upper

202 100

101 13.4 12.2 18.2

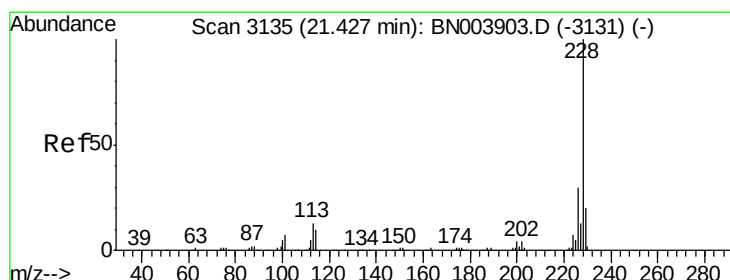
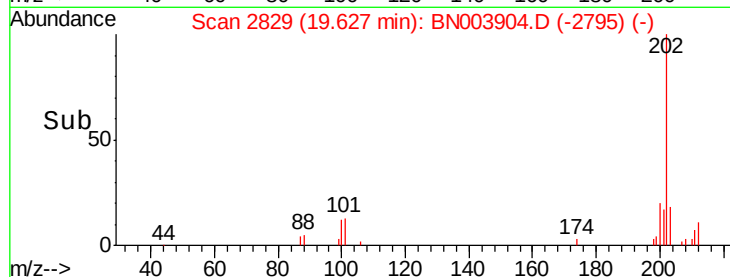
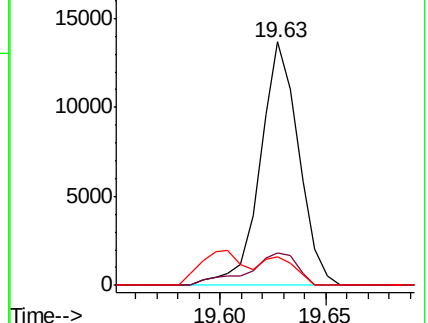
100 11.6 9.9 14.9



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



#84

Chrysene

Concen: 1.025 ng/ul

RT: 21.43 min Scan# 3135

Delta R.T. -0.00 min

Lab File: BN003904.D

Acq: 13 Dec 2018 22:51

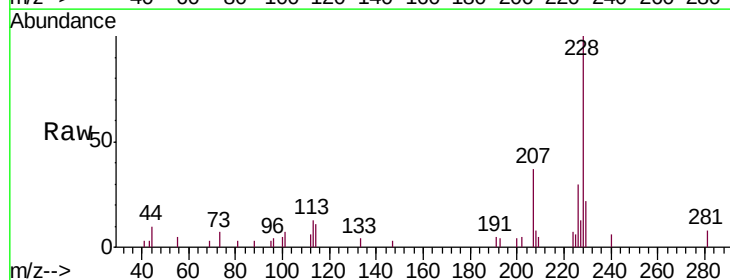
Tgt Ion:228 Resp: 16389

Ion Ratio Lower Upper

228 100

226 29.7 23.8 35.8

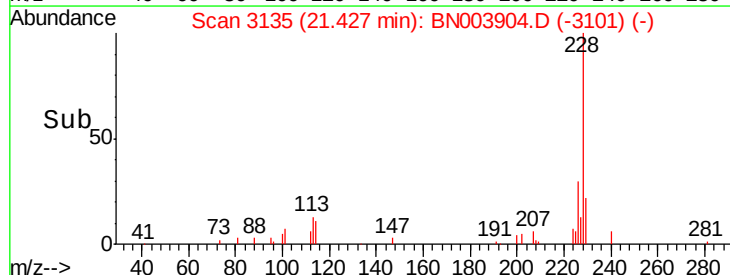
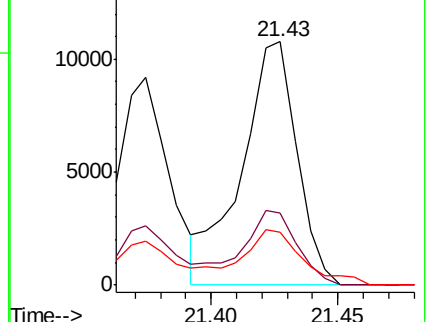
229 21.9 15.8 23.6

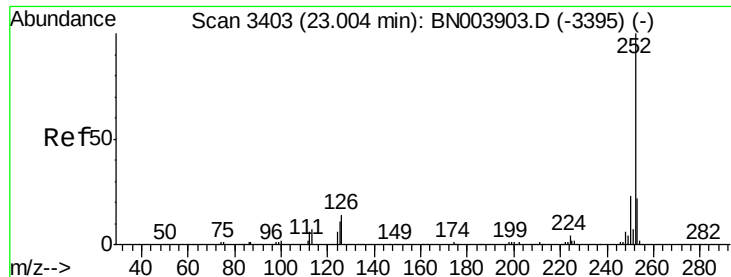


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

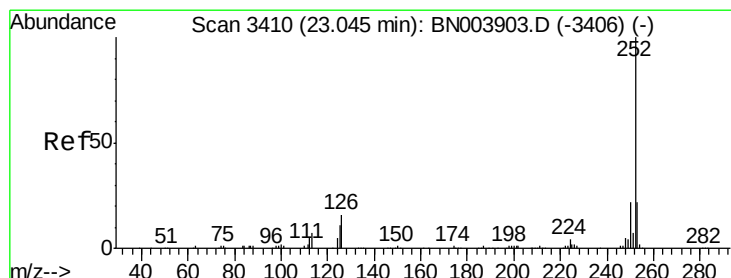
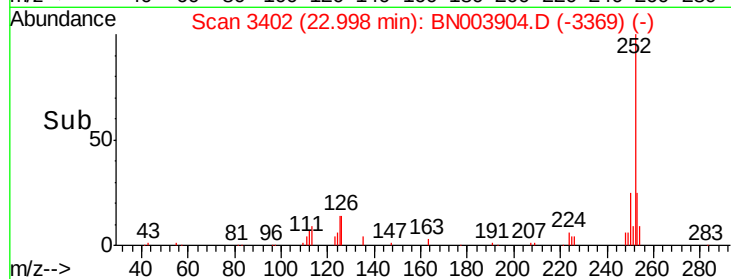
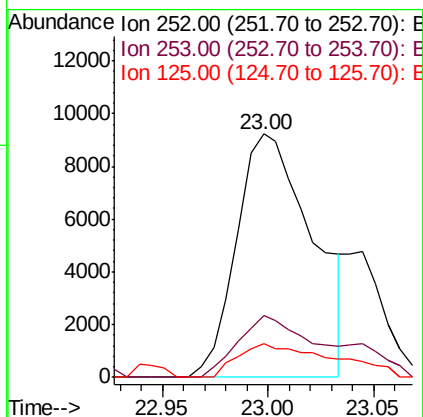
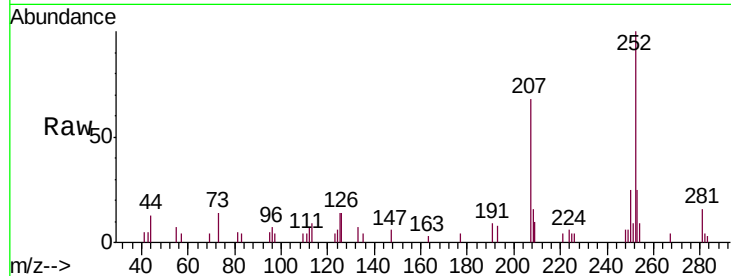




#87
Benzo(b)fluoranthene
Concen: 1.092 ng/ul
RT: 23.00 min Scan# 3402
Delta R.T. -0.01 min
Lab File: BN003904.D
Acq: 13 Dec 2018 22:51

Instrument :
BNA_N
ClientSampleId :
F9F05

Tgt Ion:252 Resp: 22989
Ion Ratio Lower Upper
252 100
253 25.4 17.3 25.9
125 13.8 8.2 12.4#



#88
Benzo(k)fluoranthene
Concen: 1.166 ng/ul
RT: 23.00 min Scan# 3402
Delta R.T. -0.05 min
Lab File: BN003904.D
Acq: 13 Dec 2018 22:51

Tgt Ion:252 Resp: 22989
Ion Ratio Lower Upper
252 100
253 25.4 17.1 25.7
125 13.8 7.9 11.9#

