

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100418\
 Data File : BN002904.D
 Acq On : 03 Oct 2018 17:19
 Operator : MJ/SJ
 Sample : J5116-09
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 04 02:51:26 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 04 02:50:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	108010	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	491290	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	290545	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	652085	20.00	ng/ul	0.00
77) Chrysene-d12	21.23	240	712144	20.00	ng/ul	0.00
85) Perylene-d12	23.44	264	703342	20.00	ng/ul	0.01

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	10413	4.45	ng/uL	0.00
5) Phenol-d5	6.81	99	227290	24.78	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	144750	25.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	186971	24.77	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	184584	25.98	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	92456	24.29	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	112324	26.08	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	189805	24.41	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	248405	27.62	ng/ul	0.00
43) Dimethylphthalate-d6	13.67	166	611309	26.88	ng/ul	0.00
46) Acenaphthylene-d8	13.95	160	777570	26.18	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	83018	22.08	ng/ul	0.01
57) Fluorene-d10	15.26	176	546596	27.43	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	91248	22.37	ng/ul	0.00
70) Anthracene-d10	17.12	188	825083	26.50	ng/ul	0.00
78) Pyrene-d10	19.42	212	909752	24.21	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.30	264	988931	26.71	ng/ul	0.01

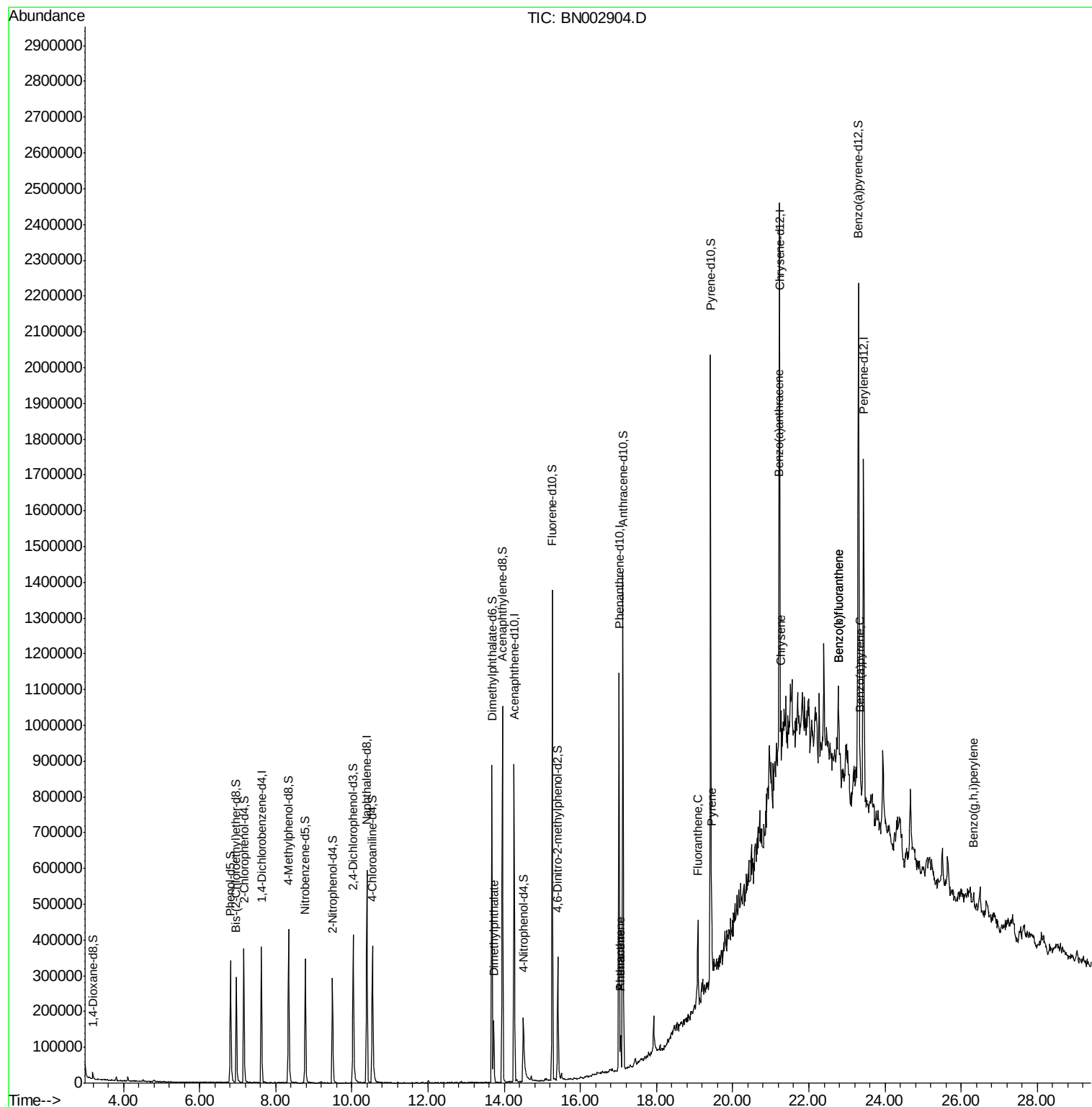
Target Compounds				Ovalue		
44) Dimethylphthalate	13.73	163	122804	5.532	ng/ul	99
69) Phenanthrene	17.06	178	56969	1.586	ng/ul	99
71) Anthracene	17.06	178	56969	1.564	ng/ul	98
76) Fluoranthene	19.09	202	130957	3.417	ng/ul	99
79) Pyrene	19.45	202	124725	2.649	ng/ul	98
82) Benzo(a)anthracene	21.21	228	68689	1.550	ng/ul	95
84) Chrysene	21.26	228	74390	1.791	ng/ul	95
87) Benzo(b)fluoranthene	22.79	252	112110	2.610	ng/ul#	73
88) Benzo(k)fluoranthene	22.79	252	112110	2.798	ng/ul#	76
90) Benzo(a)pyrene	23.35	252	73054	1.799	ng/ul#	74
93) Benzo(g,h,i)perylene	26.33	276	42811	1.065	ng/ul#	93

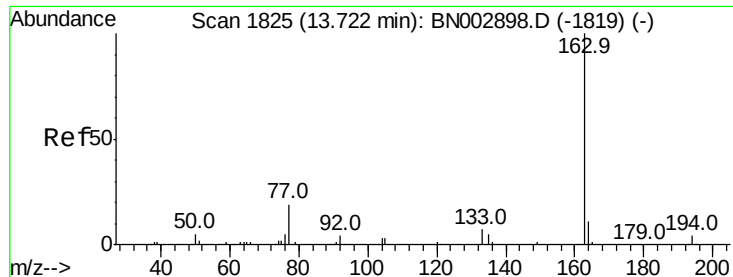
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 04 02:50:09 2018
Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 5.532 ng/ul

RT: 13.73 min Scan# 1826

Delta R.T. 0.01 min

Lab File: BN002904.D

Acq: 03 Oct 2018 17:19

Instrument :

BNA_N

ClientSampled :

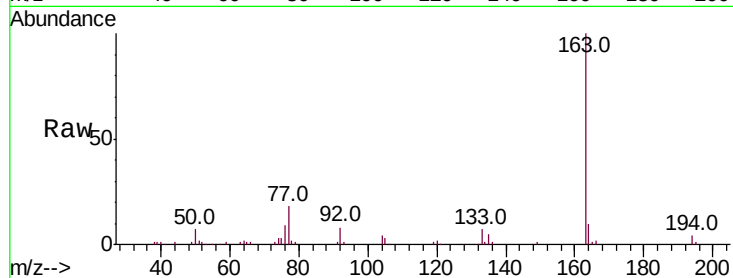
Tot Ion:163 Resp: 122804

Ion Ratio Lower Upper

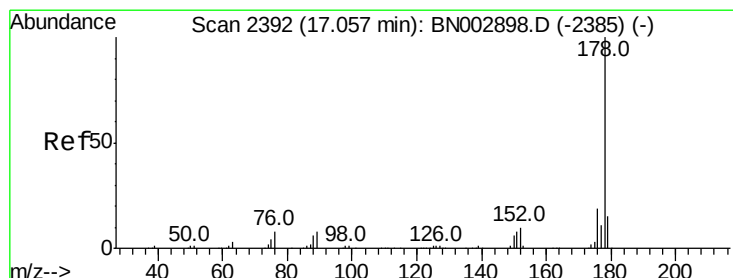
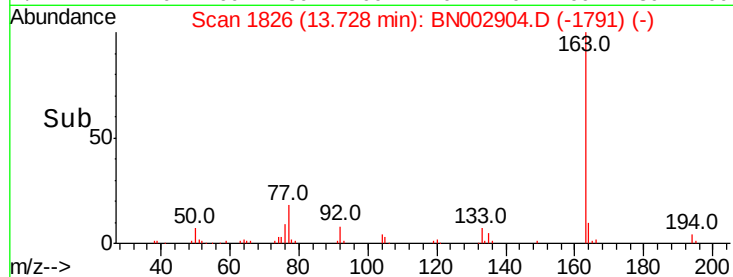
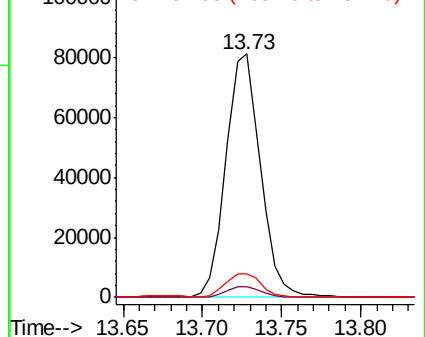
163 100

194 4.1 3.5 5.3

164 9.7 8.1 12.1



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



#69

Phenanthrene

Concen: 1.586 ng/ul

RT: 17.06 min Scan# 2392

Delta R.T. 0.00 min

Lab File: BN002904.D

Acq: 03 Oct 2018 17:19

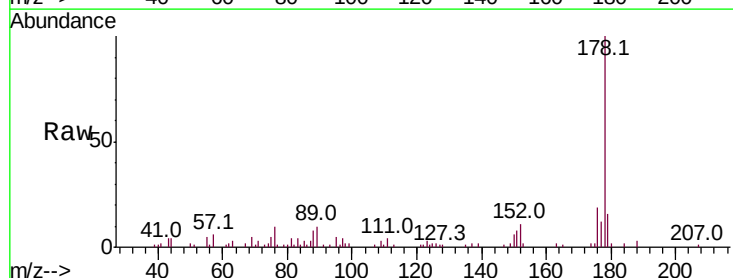
Tgt Ion:178 Resp: 56969

Ion Ratio Lower Upper

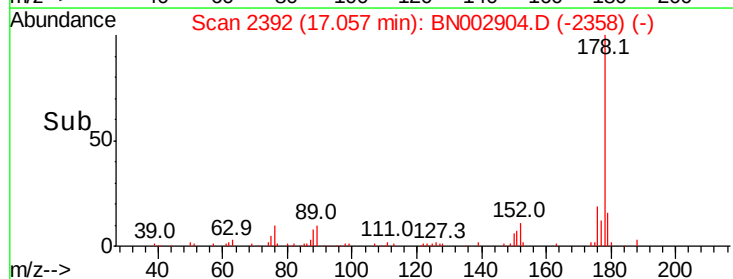
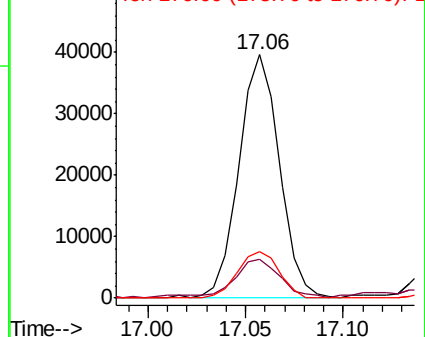
178 100

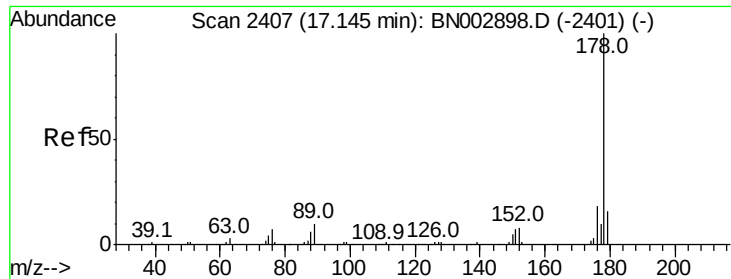
179 16.2 12.2 18.4

176 19.2 15.0 22.6



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

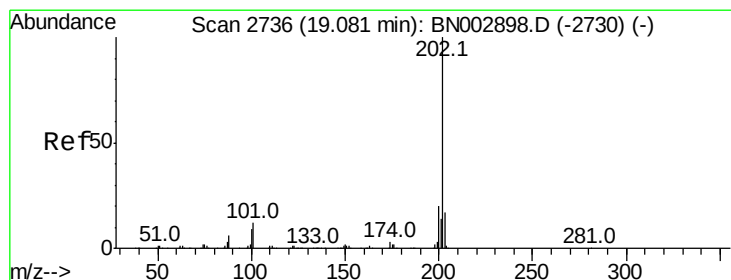
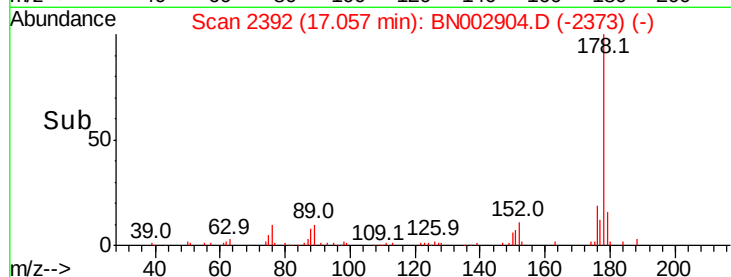
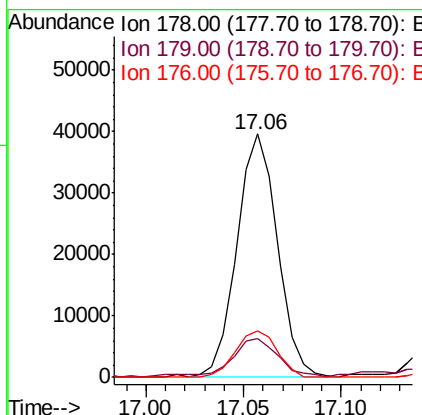
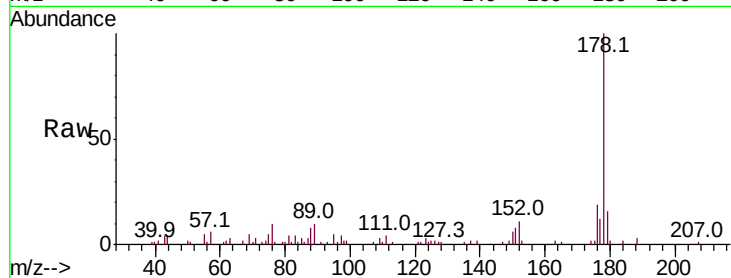




#71
 Anthracene
 Concen: 1.564 ng/ul
 RT: 17.06 min Scan# 2392
 Delta R.T. -0.09 min
 Lab File: BN002904.D
 Acq: 03 Oct 2018 17:19

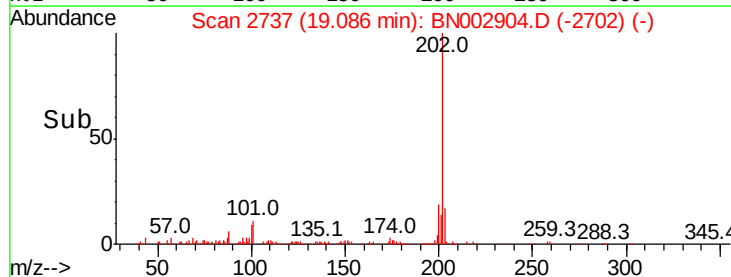
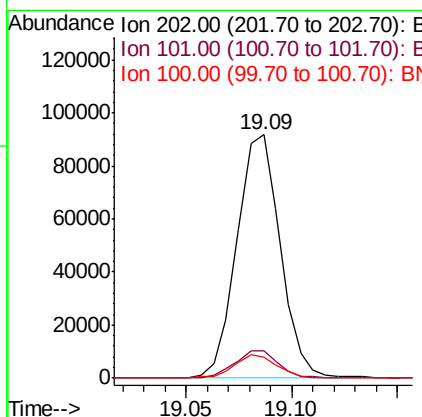
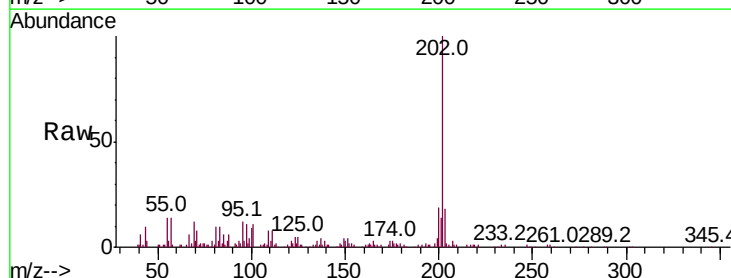
Instrument :
 BNA_N
 ClientSampleId :

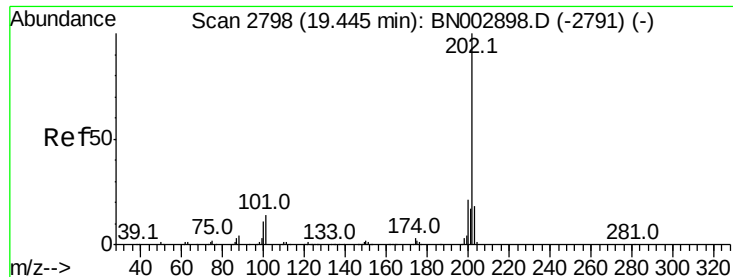
Tot Ion:178 Resp: 56969
 Ion Ratio Lower Upper
 178 100
 179 16.2 12.0 18.0
 176 19.2 15.0 22.4



#76
 Fluoranthene
 Concen: 3.417 ng/ul
 RT: 19.09 min Scan# 2737
 Delta R.T. 0.01 min
 Lab File: BN002904.D
 Acq: 03 Oct 2018 17:19

Tgt Ion:202 Resp: 130957
 Ion Ratio Lower Upper
 202 100
 101 11.0 9.4 14.2
 100 8.7 7.0 10.6

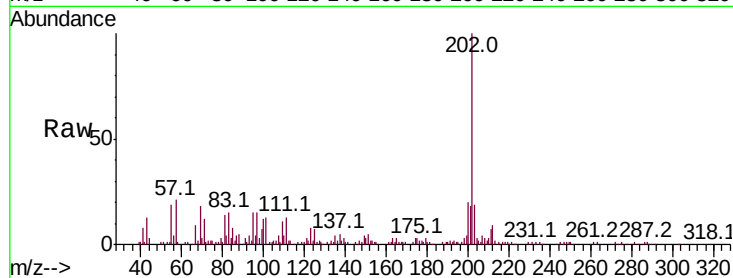




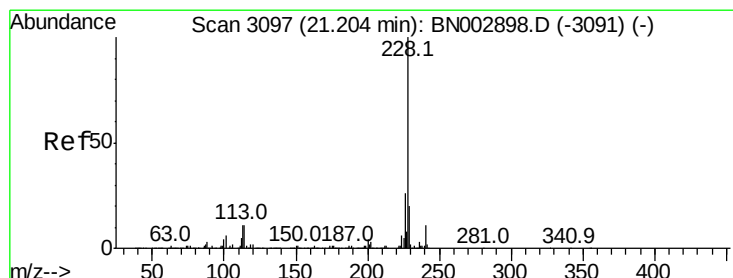
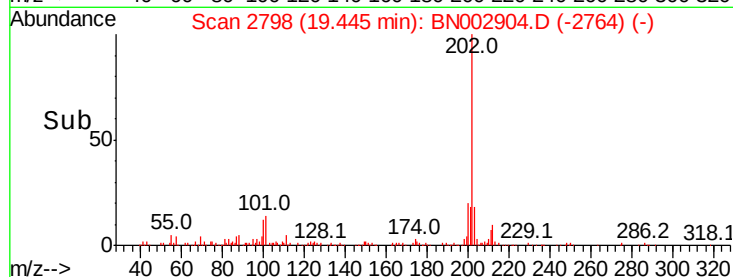
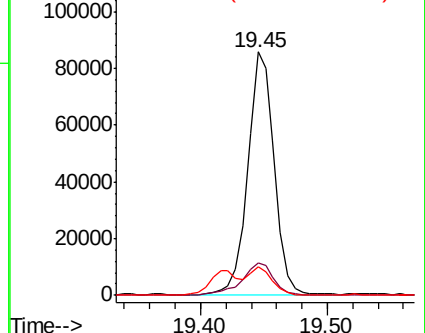
#79
Pvrene
Concen: 2.649 ng/ul
RT: 19.45 min Scan# 2798
Delta R.T. 0.00 min
Lab File: BN002904.D
Acq: 03 Oct 2018 17:19

Instrument :
BNA_N
ClientSampled :

Tot Ion:202 Resp: 124725
Ion Ratio Lower Upper
202 100
101 13.5 10.8 16.2
100 11.8 8.2 12.2

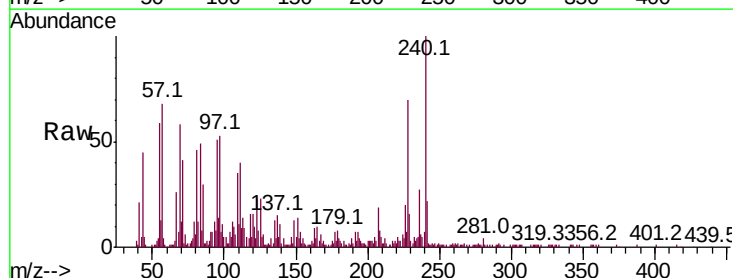


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

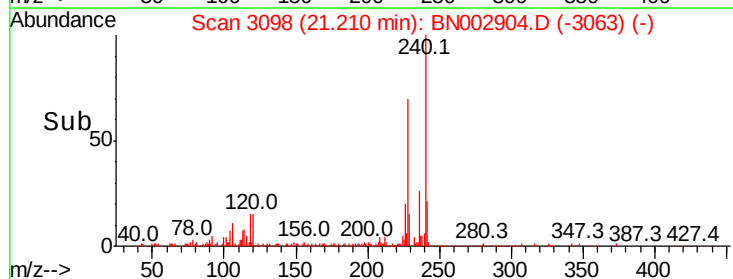
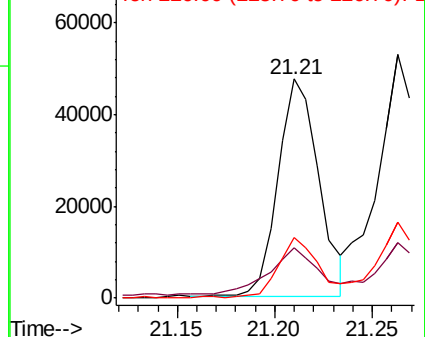


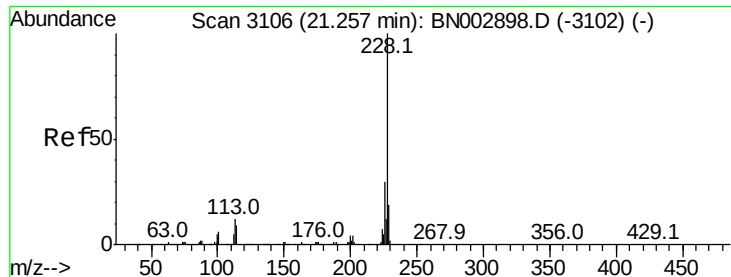
#82
Benzo(a)anthracene
Concen: 1.550 ng/ul
RT: 21.21 min Scan# 3098
Delta R.T. 0.01 min
Lab File: BN002904.D
Acq: 03 Oct 2018 17:19

Tgt Ion:228 Resp: 68689
Ion Ratio Lower Upper
228 100
229 23.2 15.8 23.6
226 27.9 20.9 31.3



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: 1.791 ng/ul

RT: 21.26 min Scan# 3107

Delta R.T. 0.01 min

Lab File: BN002904.D

Acq: 03 Oct 2018 17:19

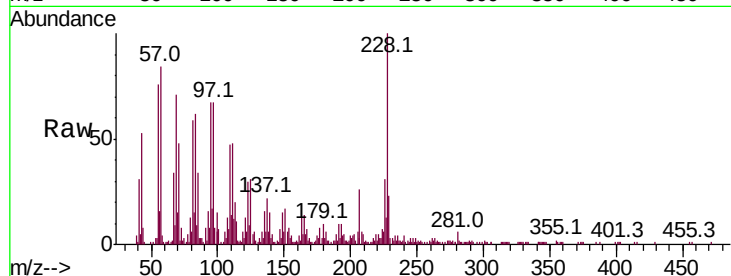
Instrument :

BNA_N

ClientSampleId :

Tot Ion:228 Resp: 74390

Ion	Ratio	Lower	Upper
228	100		
226	31.3	23.4	35.0
229	22.9	15.7	23.5

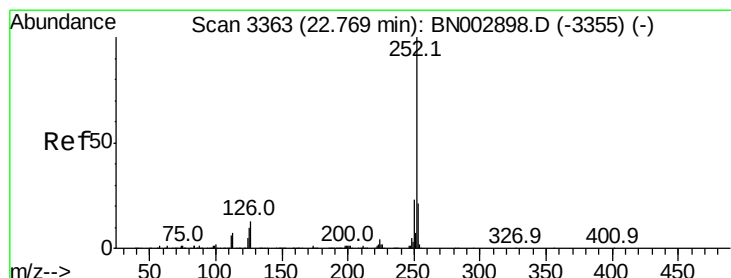
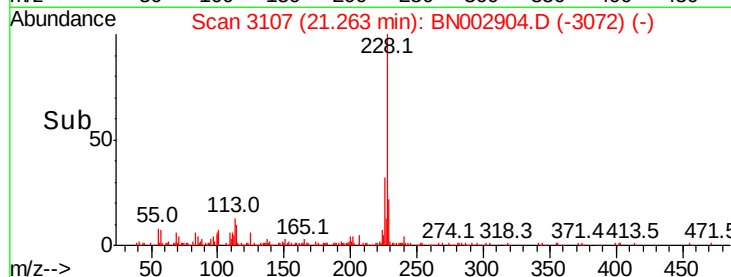
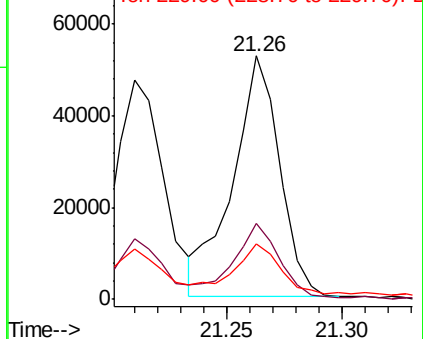


Abundance

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: 2.610 ng/ul

RT: 22.79 min Scan# 3366

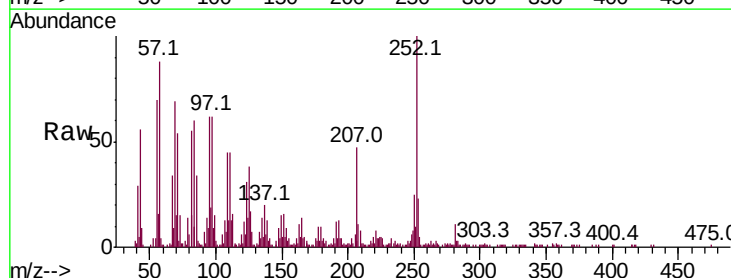
Delta R.T. 0.02 min

Lab File: BN002904.D

Acq: 03 Oct 2018 17:19

Tgt Ion:252 Resp: 112110

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.0	25.4
125	37.7	8.0	12.0

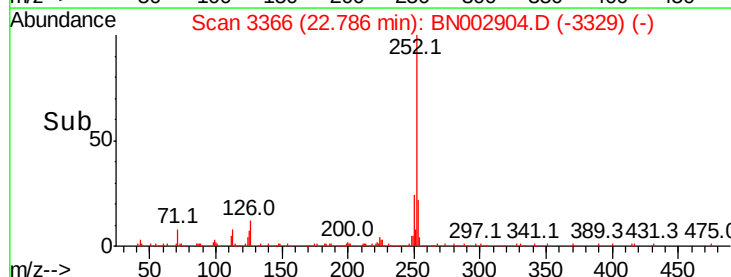
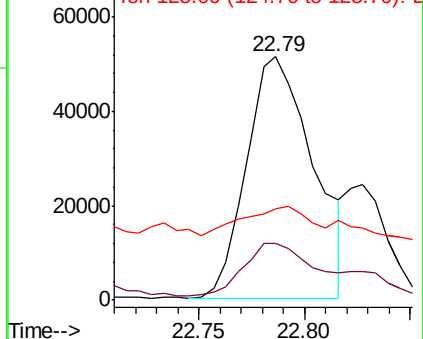


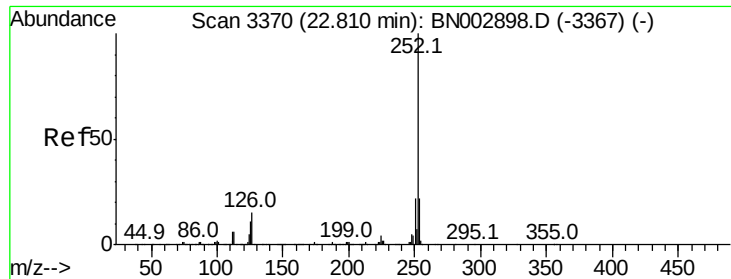
Abundance

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: 2.798 ng/ul

RT: 22.79 min Scan# 3366

Delta R.T. -0.02 min

Lab File: BN002904.D

Acq: 03 Oct 2018 17:19

Instrument :

BNA_N

ClientSampleId :

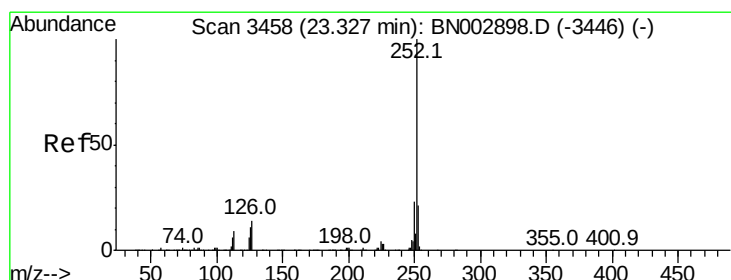
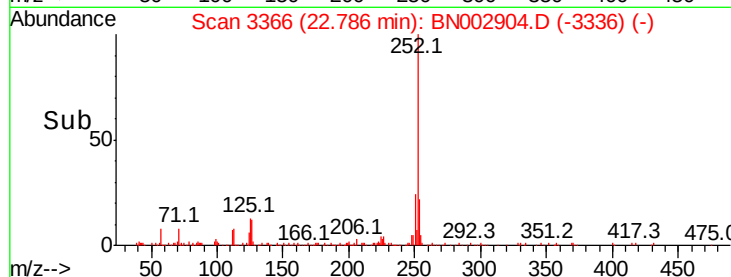
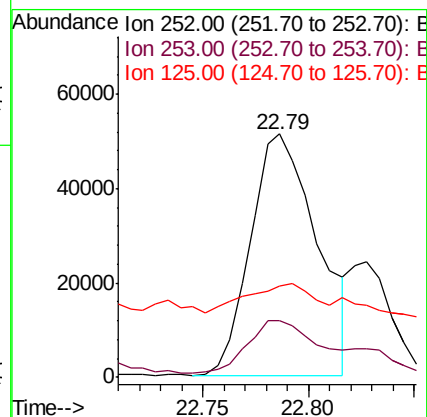
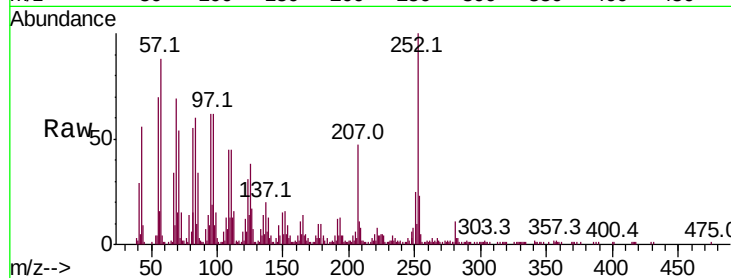
Tot Ion:252 Resp: 112110

Ion Ratio Lower Upper

252 100

253 23.2 17.8 26.8

125 37.7 8.3 12.5#



#90

Benzo(a)pyrene

Concen: 1.799 ng/ul

RT: 23.35 min Scan# 3461

Delta R.T. 0.02 min

Lab File: BN002904.D

Acq: 03 Oct 2018 17:19

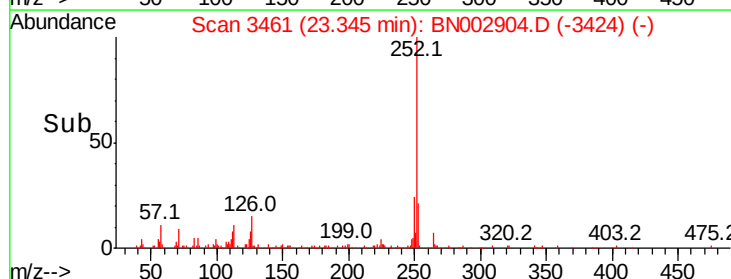
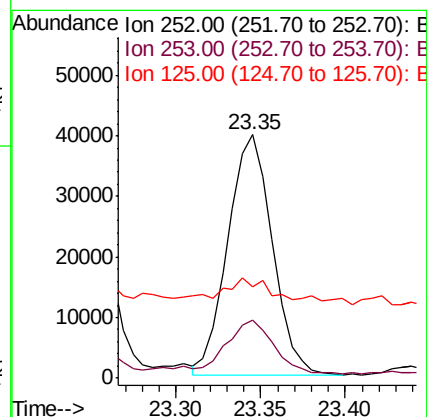
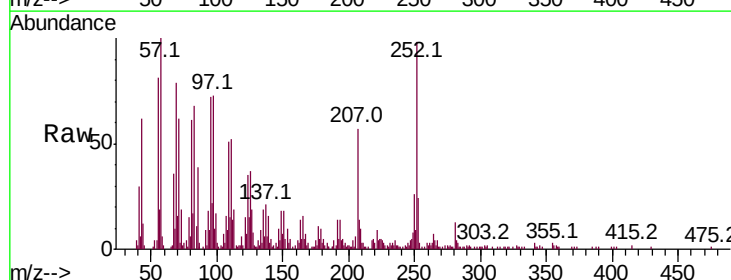
Tgt Ion:252 Resp: 73054

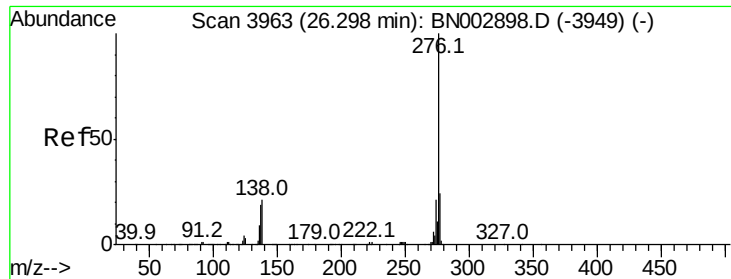
Ion Ratio Lower Upper

252 100

253 24.0 17.6 26.4

125 37.6 8.8 13.2#





#93

Benzo(a,h,i)perylene

Concen: 1.065 ng/ul

RT: 26.33 min Scan# 3968

Delta R.T. 0.03 min

Lab File: BN002904.D

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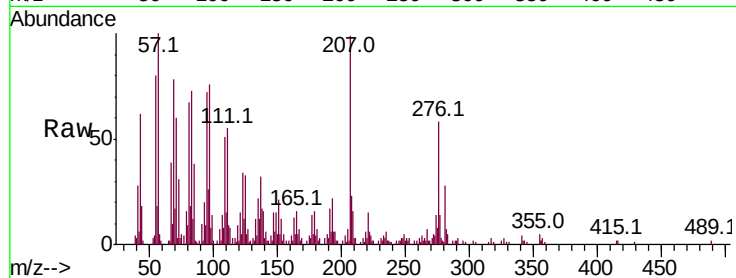
Tot Ion:276 Resp: 42811

Ion Ratio Lower Upper

276 100

138 29.5 18.2 27.2#

277 23.3 18.6 28.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

