

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060119\
 Data File : BN006020.D
 Acq On : 02 Jun 2019 07:50
 Operator : JU/SJ
 Sample : K2928-20
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 03 01:08:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jun 01 01:49:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	425411	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.52	136	1774901	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.38	164	951700	20.00	ng/ul	-0.02
61) Phenanthrene-d10	17.14	188	1761671	20.00	ng/ul	-0.02
77) Chrysene-d12	21.35	240	1139400	20.00	ng/ul	-0.02
85) Perylene-d12	23.64	264	1267948	20.00	ng/ul	-0.03

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	38341	3.97	ng/uL	0.00
5) Phenol-d5	6.89	99	762954	20.23	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.06	67	482974	22.45	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.26	132	637359	22.19	ng/ul	-0.01
13) 4-Methylphenol-d8	8.43	113	557136	18.30	ng/ul	-0.02
19) Nitrobenzene-d5	8.88	128	321394	28.21	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.60	143	356041	33.56	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.14	165	610551	24.37	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.65	131	372361	11.34	ng/ul	-0.02
43) Dimethylphthalate-d6	13.79	166	1884248	26.86	ng/ul	-0.01
46) Acenaphthylene-d8	14.08	160	2243687	25.57	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.59	143	236911	18.56	ng/ul	-0.02
57) Fluorene-d10	15.38	176	1693415	28.78	ng/ul	-0.02
62) 4,6-Dinitro-2-methylphenol	15.51	200	98947	13.78	ng/ul	-0.02
70) Anthracene-d10	17.24	188	1981697	26.43	ng/ul	-0.02
78) Pyrene-d10	19.54	212	1726354	30.00	ng/ul	-0.02
89) Benzo(a)pyrene-d12	23.49	264	1453616	25.69	ng/ul	-0.03

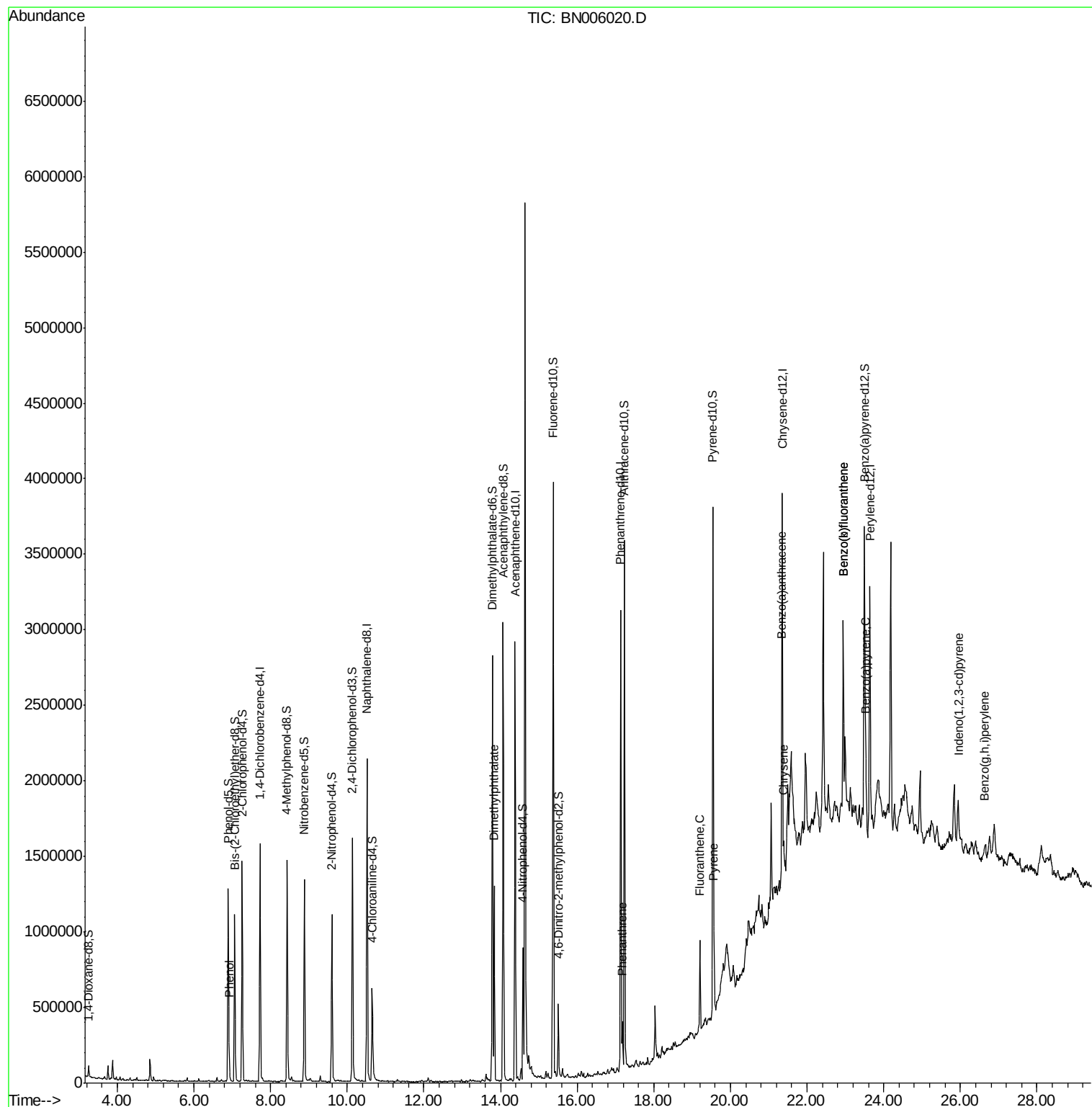
Target Compounds				Ovalue		
6) Phenol	6.92	94	50551	1.301	ng/ul	98
44) Dimethylphthalate	13.84	163	790788	11.277	ng/ul	100
69) Phenanthrene	17.18	178	179514	2.057	ng/ul	99
76) Fluoranthene	19.21	202	350852	3.765	ng/ul	96
79) Pyrene	19.57	202	298472	4.135	ng/ul	97
82) Benzo(a)anthracene	21.34	228	142869	1.995	ng/ul	91
84) Chrysene	21.39	228	144794	2.167	ng/ul#	93
87) Benzo(b)fluoranthene	22.95	252	188793	2.651	ng/ul#	81
88) Benzo(k)fluoranthene	22.95	252	188793	2.883	ng/ul#	80
90) Benzo(a)pyrene	23.54	252	137511	2.048	ng/ul#	85
91) Indeno(1,2,3-cd)pyrene	25.94	276	103966	1.319	ng/ul#	89
93) Benzo(g,h,i)perylene	26.65	276	93368	1.407	ng/ul#	88

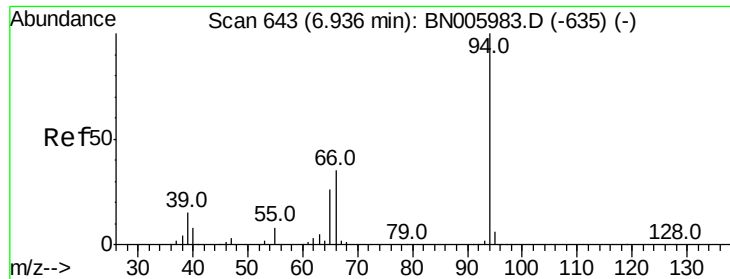
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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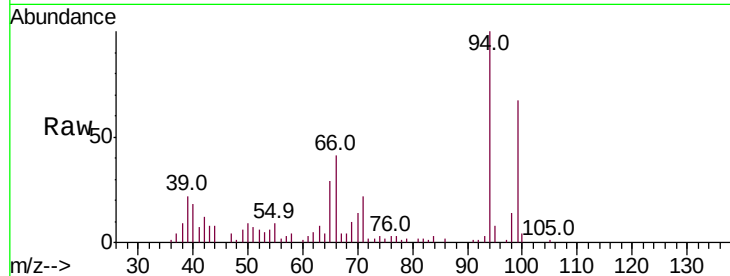
#6

Phenol

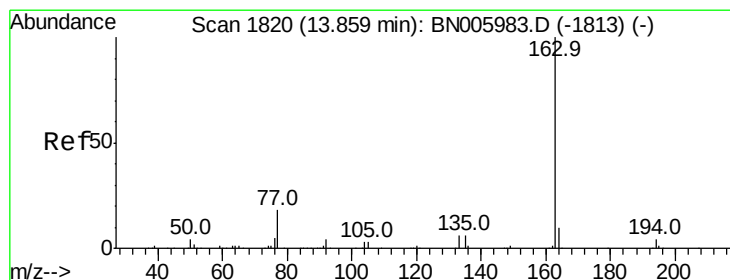
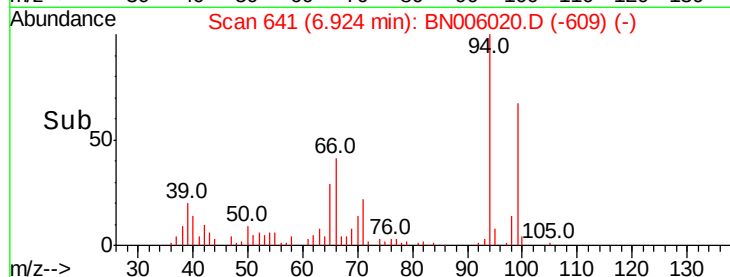
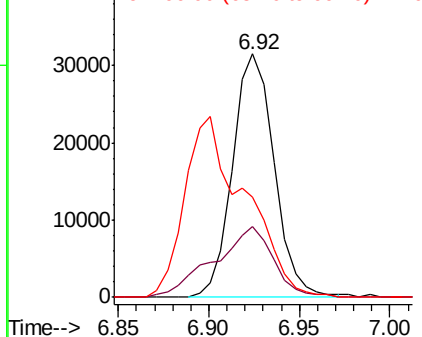
Concen: 1.301 ng/ul
 RT: 6.92 min Scan# 641
 Delta R.T. -0.01 min
 Lab File: BN006020.D
 Acq: 02 Jun 2019 07:50

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion: 94 Resp: 50551
 Ion Ratio Lower Upper
 94 100
 65 29.1 24.2 36.4
 66 41.1 33.8 50.6



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

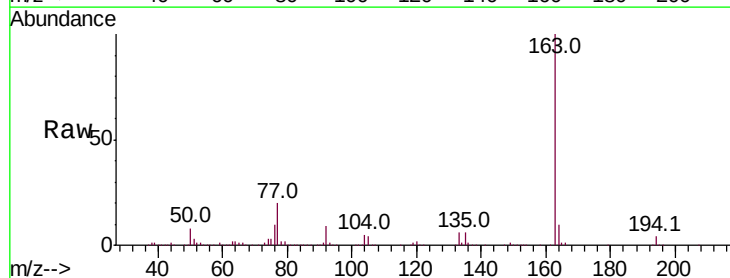


#44

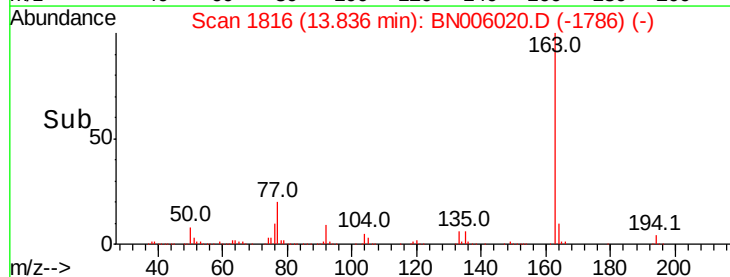
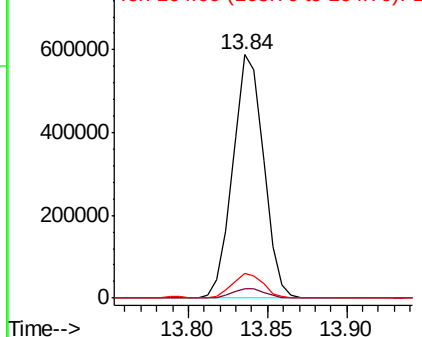
Dimethylphthalate

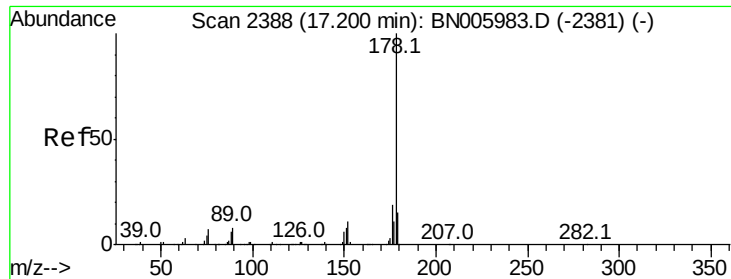
Concen: 11.277 ng/ul
 RT: 13.84 min Scan# 1816
 Delta R.T. -0.02 min
 Lab File: BN006020.D
 Acq: 02 Jun 2019 07:50

Tgt Ion:163 Resp: 790788
 Ion Ratio Lower Upper
 163 100
 194 4.0 3.4 5.0
 164 10.2 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: 2.057 ng/ul

RT: 17.18 min Scan# 2384

Delta R.T. -0.02 min

Lab File: BN006020.D

Acq: 02 Jun 2019 07:50

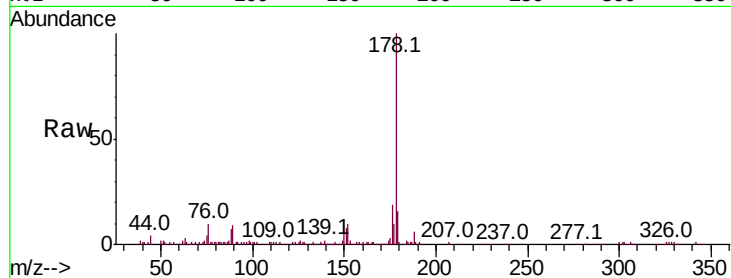
Instrument :

BNA_N

ClientSampleId :

Tot Ion:178 Resp: 179514

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.2	18.4
176	18.8	15.1	22.7

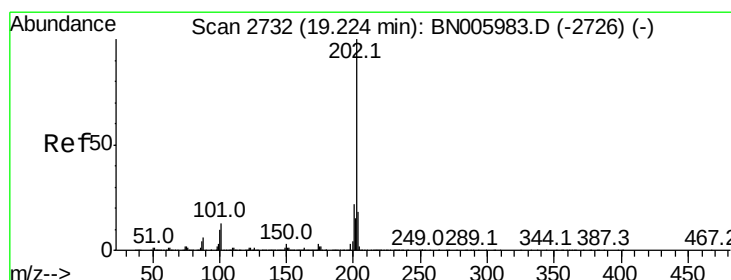
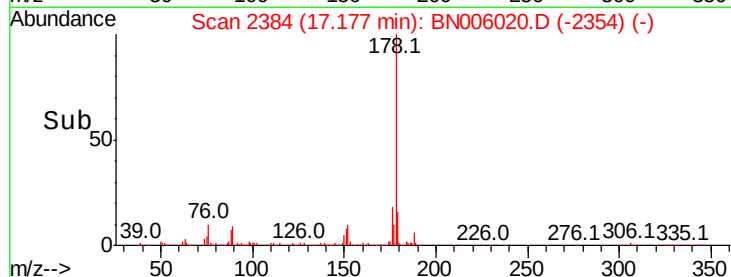
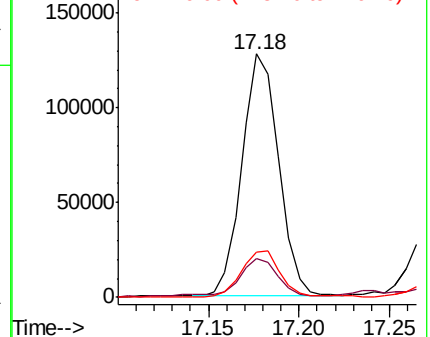


Abundance

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



#76

Fluoranthene

Concen: 3.765 ng/ul

RT: 19.21 min Scan# 2729

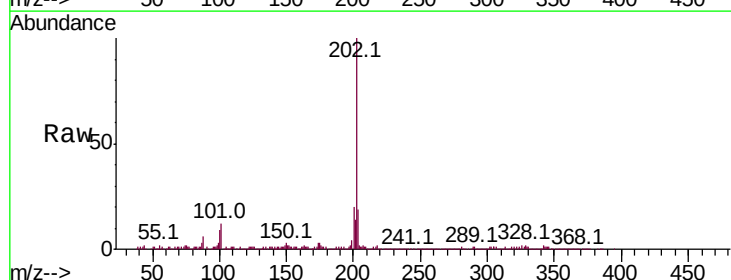
Delta R.T. -0.02 min

Lab File: BN006020.D

Acq: 02 Jun 2019 07:50

Tgt Ion:202 Resp: 350852

Ion	Ratio	Lower	Upper
202	100		
101	12.2	8.6	12.8
100	9.3	6.3	9.5

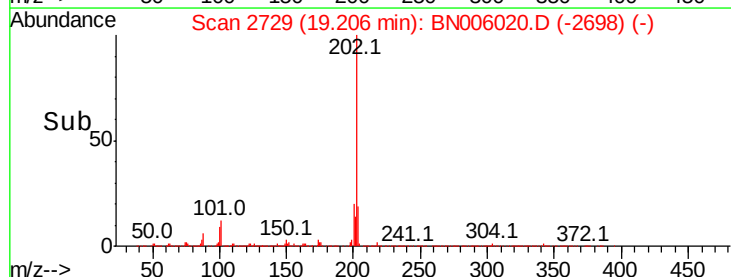
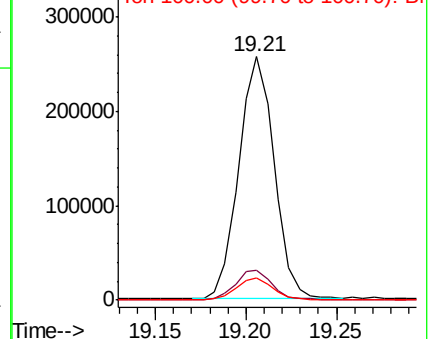


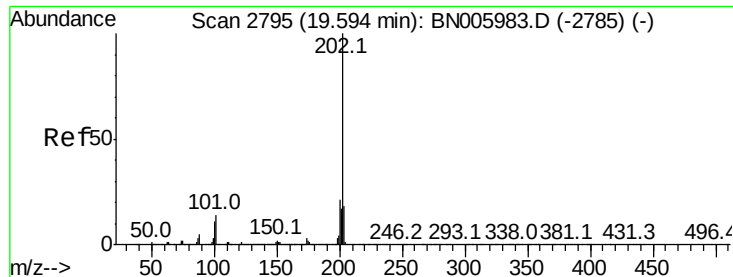
Abundance

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): E





#79

Pvrene

Concen: 4.135 ng/ul

RT: 19.57 min Scan# 2791

Delta R.T. -0.02 min

Lab File: BN006020.D

Acq: 02 Jun 2019 07:50

Instrument :

BNA_N

ClientSampleId :

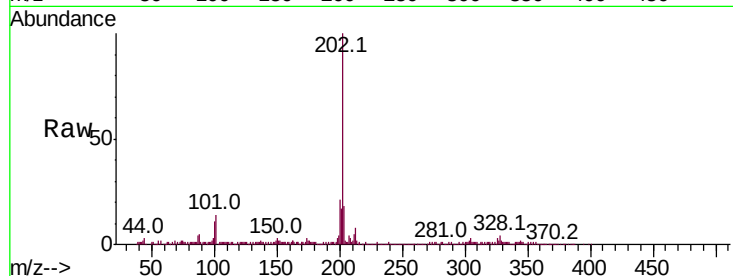
Tot Ion:202 Resp: 298472

Ion Ratio Lower Upper

202 100

101 13.7 10.3 15.5

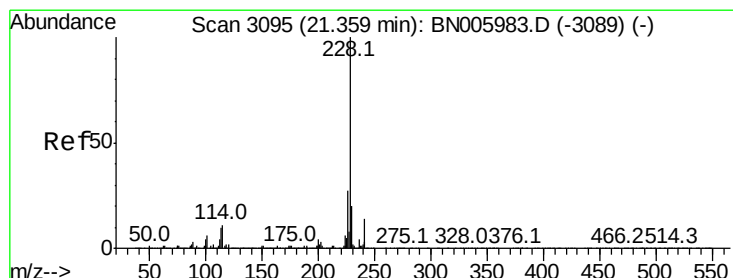
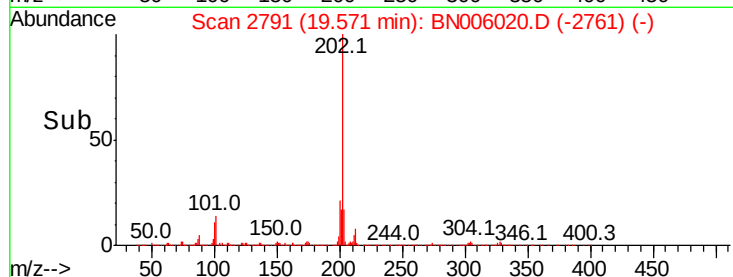
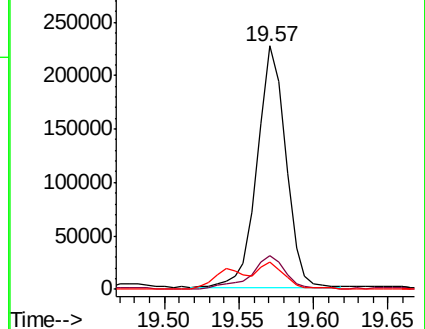
100 11.2 7.9 11.9



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): E



#82

Benzo(a)anthracene

Concen: 1.995 ng/ul

RT: 21.34 min Scan# 3091

Delta R.T. -0.02 min

Lab File: BN006020.D

Acq: 02 Jun 2019 07:50

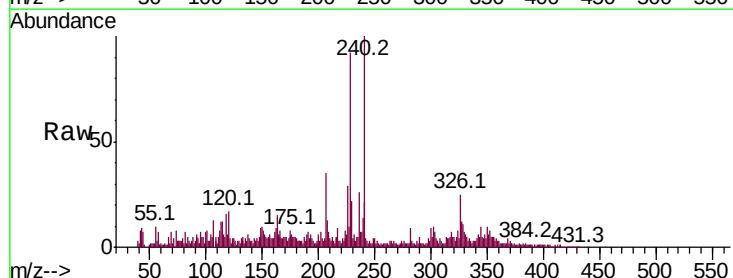
Tgt Ion:228 Resp: 142869

Ion Ratio Lower Upper

228 100

229 23.6 15.8 23.6

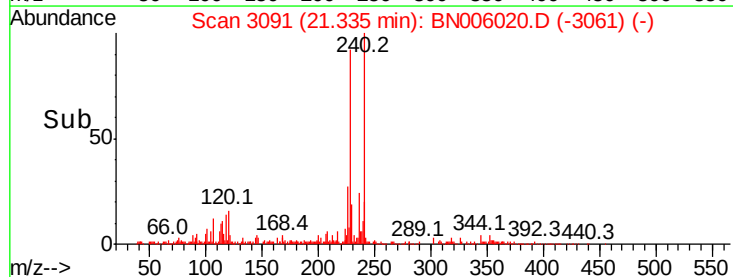
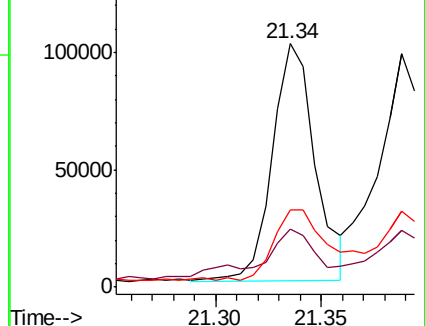
226 31.7 21.4 32.2

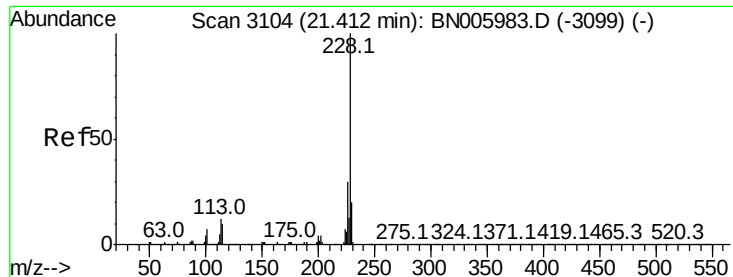


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#84

Chrysene

Concen: 2.167 ng/ul

RT: 21.39 min Scan# 3100

Delta R.T. -0.02 min

Lab File: BN006020.D

Acq: 02 Jun 2019 07:50

Instrument :

BNA_N

ClientSampleId :

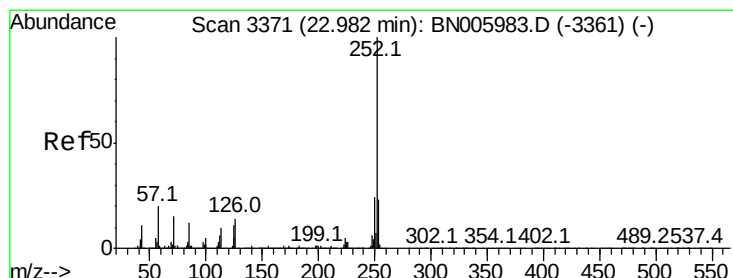
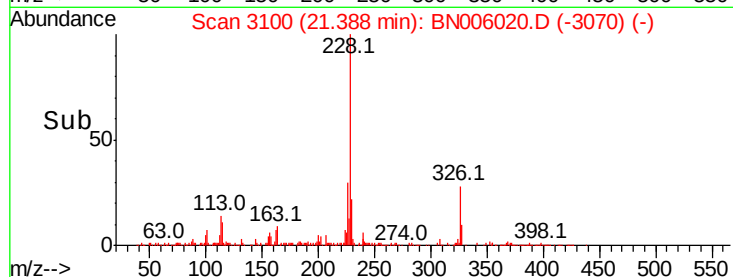
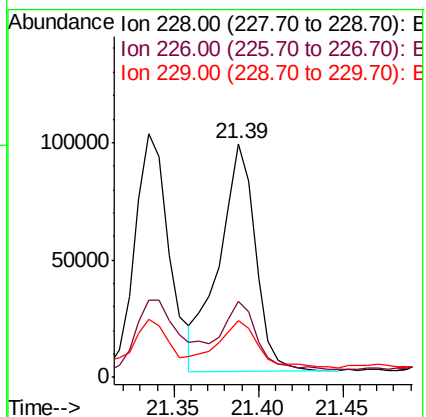
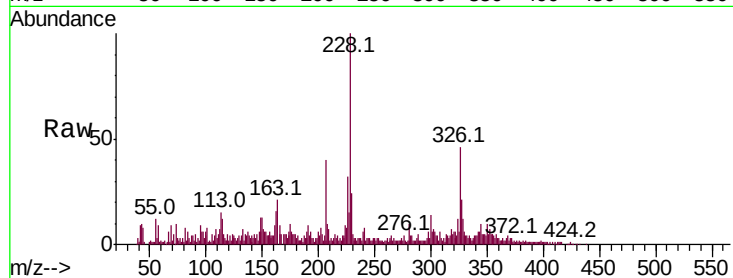
Tot Ion:228 Resp: 144794

Ion Ratio Lower Upper

228 100

226 32.4 24.0 36.0

229 24.4 15.4 23.0#



#87

Benzo(b)fluoranthene

Concen: 2.651 ng/ul

RT: 22.95 min Scan# 3366

Delta R.T. -0.03 min

Lab File: BN006020.D

Acq: 02 Jun 2019 07:50

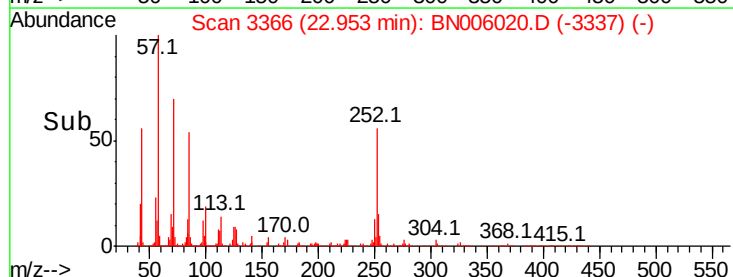
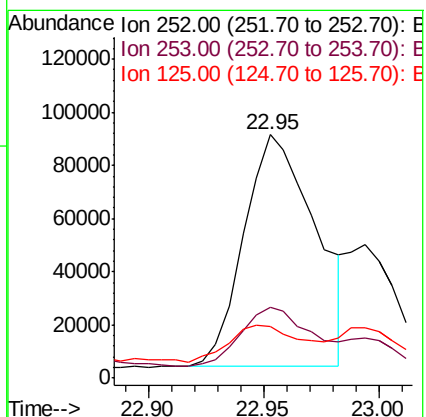
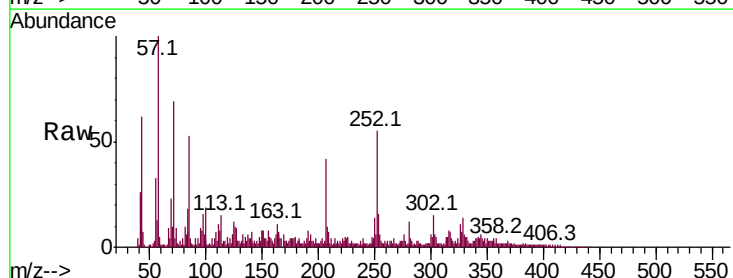
Tgt Ion:252 Resp: 188793

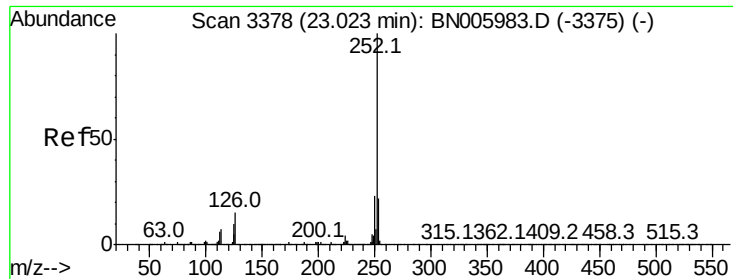
Ion Ratio Lower Upper

252 100

253 29.0 17.7 26.5#

125 21.1 8.4 12.6#





#88

Benzo(k)fluoranthene

Concen: 2.883 ng/ul

RT: 22.95 min Scan# 3366

Delta R.T. -0.07 min

Lab File: BN006020.D

Acq: 02 Jun 2019 07:50

Instrument :

BNA_N

ClientSampled :

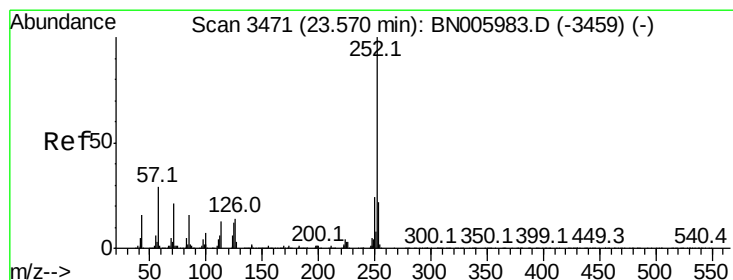
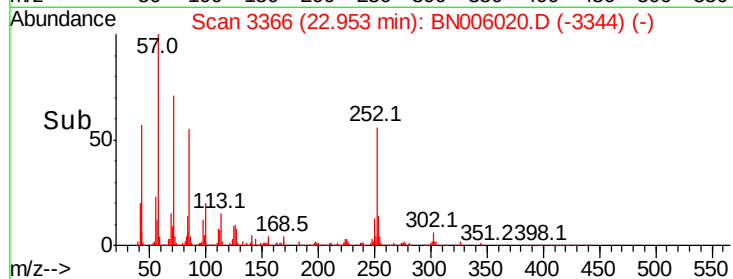
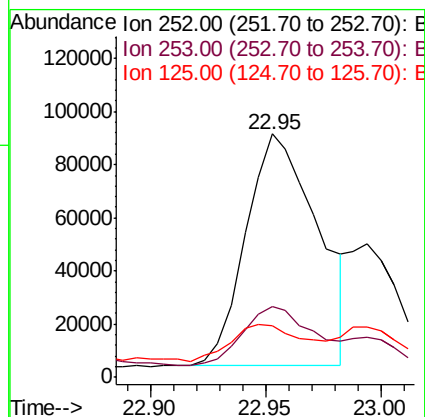
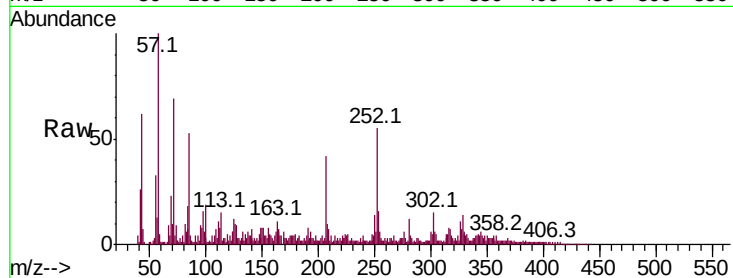
Tot Ion:252 Resp: 188793

Ion Ratio Lower Upper

252 100

253 29.0 17.4 26.0#

125 21.1 7.5 11.3#



#90

Benzo(a)pyrene

Concen: 2.048 ng/ul

RT: 23.54 min Scan# 3466

Delta R.T. -0.03 min

Lab File: BN006020.D

Acq: 02 Jun 2019 07:50

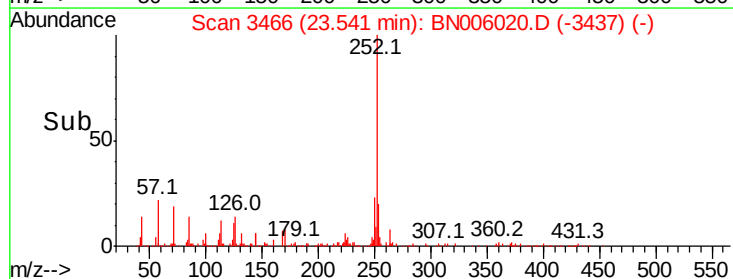
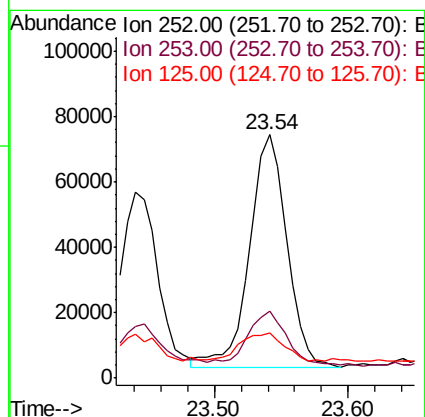
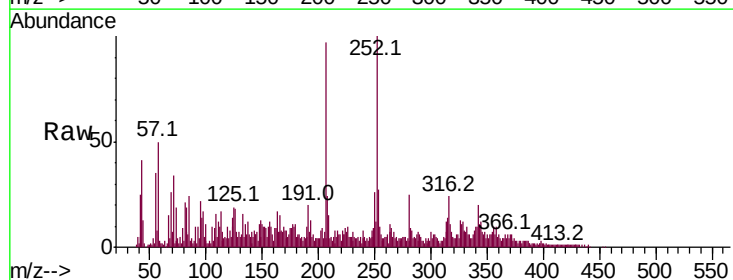
Tgt Ion:252 Resp: 137511

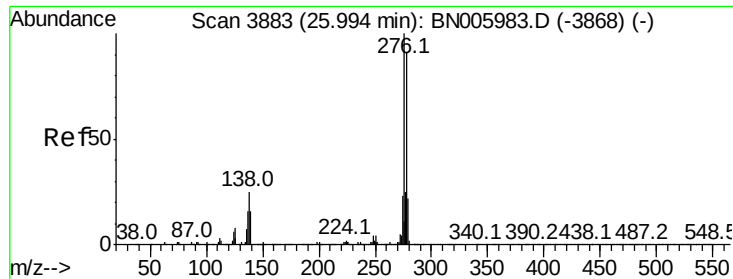
Ion Ratio Lower Upper

252 100

253 27.3 17.3 25.9#

125 18.6 8.6 13.0#



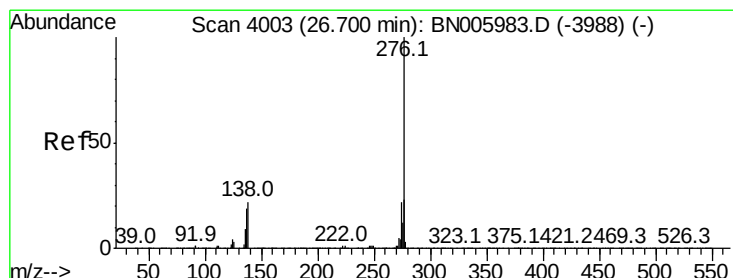
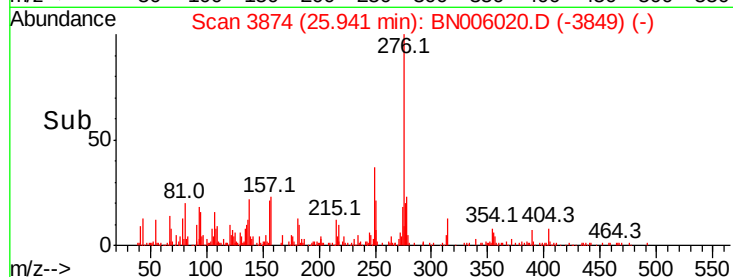
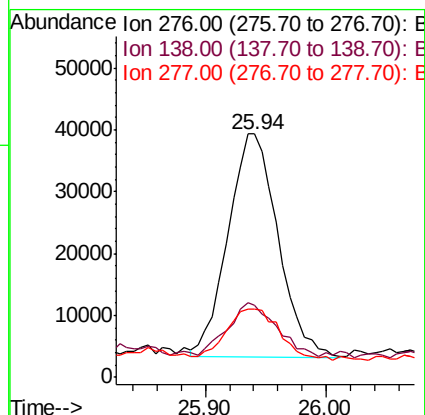
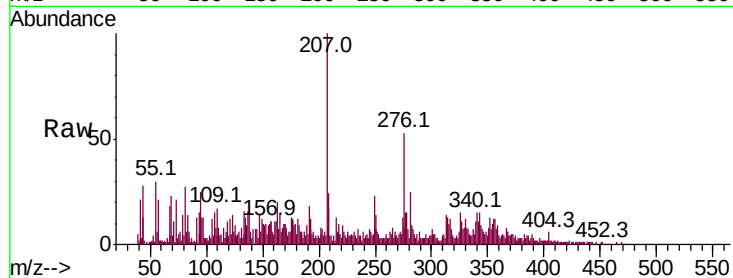


#91

Indeno(1,2,3-cd)pyrene
Concen: 1.319 ng/ul
RT: 25.94 min Scan# 3874
Delta R.T. -0.05 min
Lab File: BN006020.D
Acq: 02 Jun 2019 07:50

Instrument :
BNA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.4	17.9	26.9#
277	28.2	19.7	29.5



#93

Benzo(g,h,i)perylene
Concen: 1.407 ng/ul
RT: 26.65 min Scan# 3994
Delta R.T. -0.05 min
Lab File: BN006020.D
Acq: 02 Jun 2019 07:50

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.0	16.7	25.1#
277	28.4	18.2	27.2#

