

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060119\
 Data File : BN006026.D
 Acq On : 02 Jun 2019 11:16
 Operator : JU/SJ
 Sample : K2924-16RE
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 03 01:09:25 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	501491	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.52	136	2145839	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.38	164	1179877	20.00	ng/ul	-0.02
61) Phenanthrene-d10	17.14	188	2304442	20.00	ng/ul	-0.02
77) Chrysene-d12	21.36	240	1476866	20.00	ng/ul	-0.02
85) Perylene-d12	23.66	264	1576343	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	63660	5.59	ng/uL	0.00
5) Phenol-d5	6.90	99	1246027	28.03	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.07	67	777741	30.67	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.26	132	1039570	30.70	ng/ul	-0.01
13) 4-Methylphenol-d8	8.44	113	971689	27.08	ng/ul	-0.01
19) Nitrobenzene-d5	8.88	128	536946	38.99	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.60	143	582669	45.43	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.14	165	972620	32.11	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.65	131	905264	22.80	ng/ul	-0.02
43) Dimethylphthalate-d6	13.79	166	2919291	33.56	ng/ul	-0.01
46) Acenaphthylene-d8	14.08	160	3568080	32.79	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.59	143	366746	23.17	ng/ul	-0.02
57) Fluorene-d10	15.38	176	2512361	34.44	ng/ul	-0.02
62) 4,6-Dinitro-2-methylphenol	15.51	200	130799	13.93	ng/ul	-0.02
70) Anthracene-d10	17.24	188	3147446	32.09	ng/ul	-0.01
78) Pyrene-d10	19.55	212	2837616	38.04	ng/ul	-0.02
89) Benzo(a)pyrene-d12	23.51	264	2254113	32.05	ng/ul	-0.01

Target Compounds

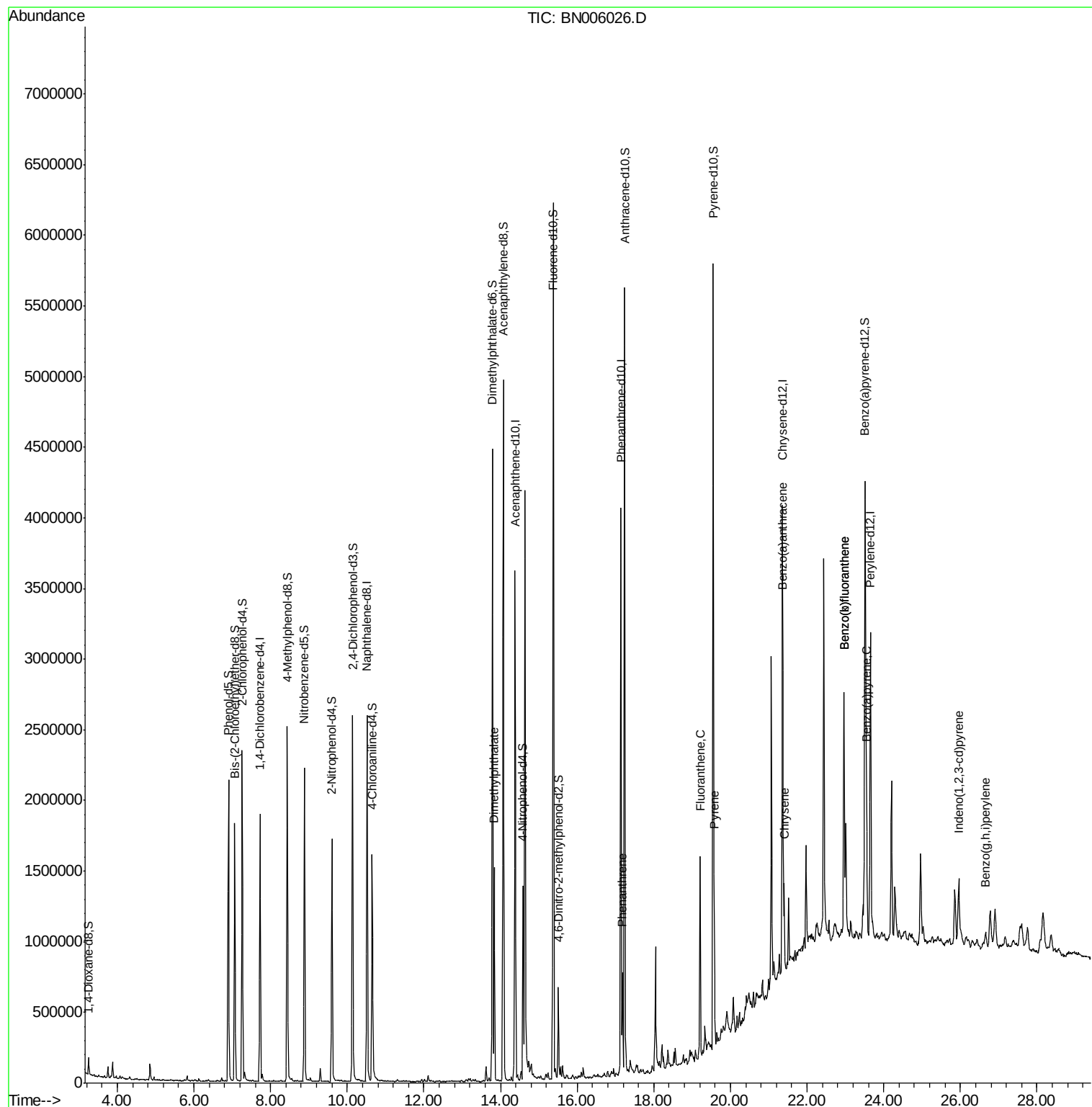
					Ovalue
44) Dimethylphthalate	13.84	163	936199	10.769	ng/ul 99
69) Phenanthrene	17.18	178	417960	3.661	ng/ul 99
76) Fluoranthene	19.21	202	839397	6.887	ng/ul 98
79) Pyrene	19.58	202	682133	7.291	ng/ul 96
82) Benzo(a)anthracene	21.35	228	308408	3.322	ng/ul 96
84) Chrysene	21.40	228	354411	4.093	ng/ul 97
87) Benzo(b)fluoranthene	22.97	252	426174	4.813	ng/ul# 92
88) Benzo(k)fluoranthene	22.97	252	426174	5.235	ng/ul# 90
90) Benzo(a)pyrene	23.56	252	273778	3.279	ng/ul# 93
91) Indeno(1,2,3-cd)pyrene	25.96	276	194030	1.980	ng/ul 96
93) Benzo(g,h,i)perylene	26.66	276	132142	1.601	ng/ul 93

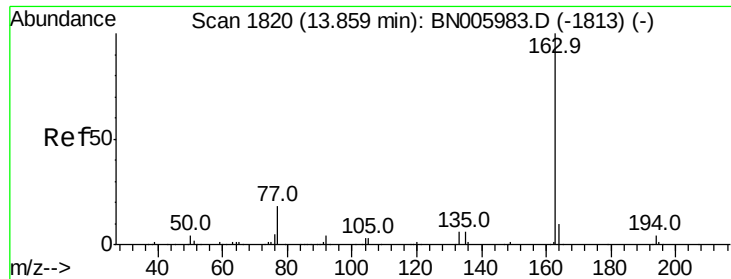
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060119\
Data File : BN006026.D
Acq On : 02 Jun 2019 11:16
Operator : JU/SJ
Sample : K2924-16RE
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Jun 03 01:09:25 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





#44

Dimethylphthalate

Concen: 10.769 ng/ul

RT: 13.84 min Scan# 1817

Delta R.T. -0.02 min

Lab File: BN006026.D

Acq: 02 Jun 2019 11:16

Instrument :

BNA_N

ClientSampleId :

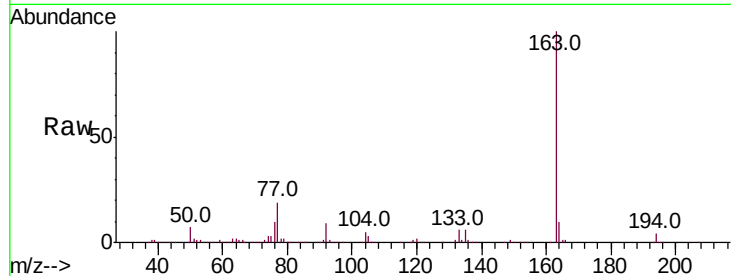
Tot Ion:163 Resp: 936199

Ion Ratio Lower Upper

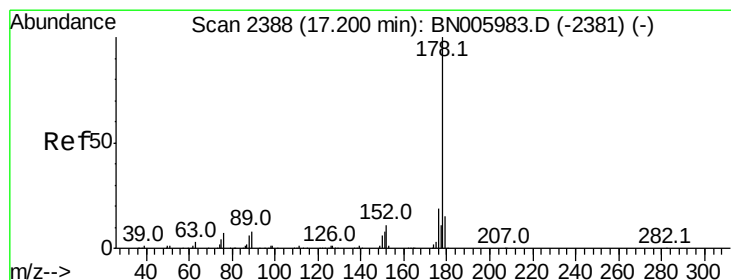
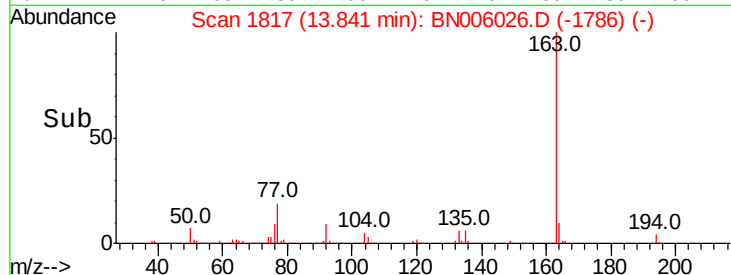
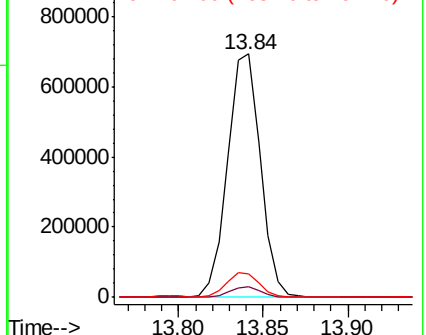
163 100

194 4.3 3.4 5.0

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: 3.661 ng/ul

RT: 17.18 min Scan# 2385

Delta R.T. -0.02 min

Lab File: BN006026.D

Acq: 02 Jun 2019 11:16

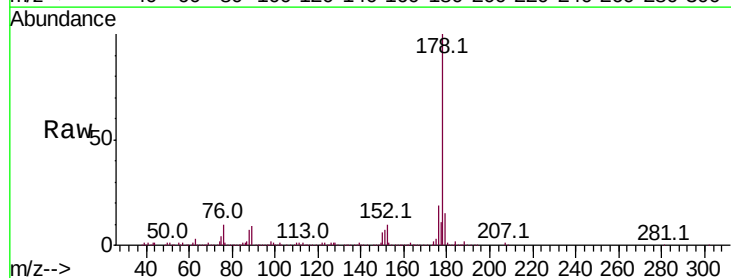
Tgt Ion:178 Resp: 417960

Ion Ratio Lower Upper

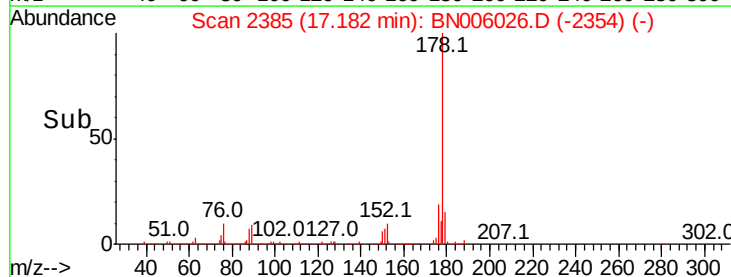
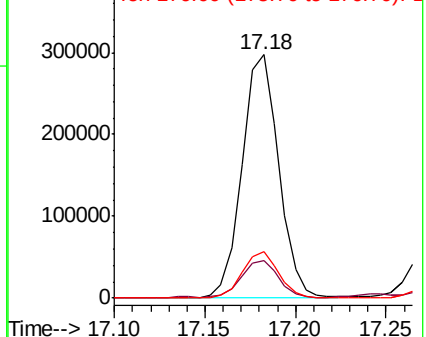
178 100

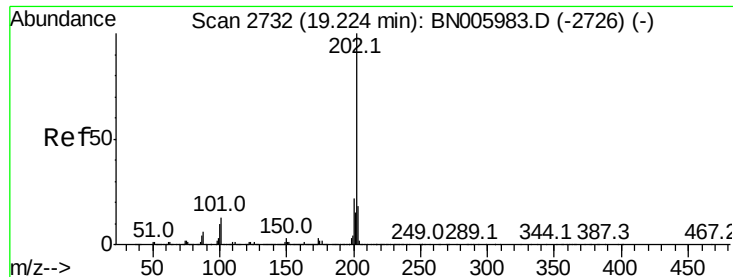
179 15.5 12.2 18.4

176 19.2 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

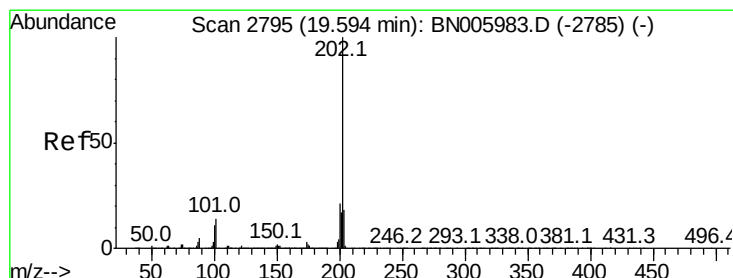
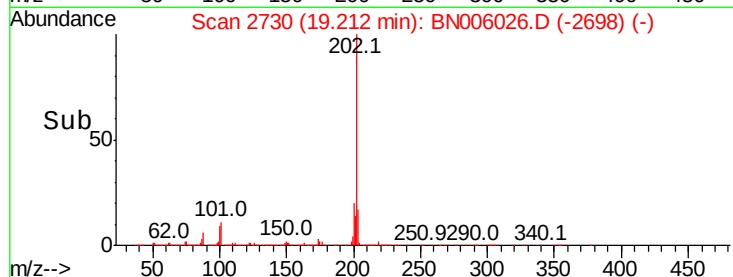
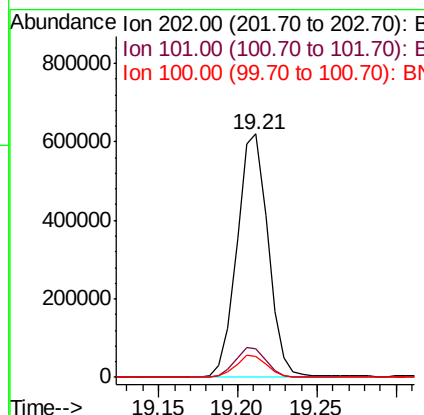
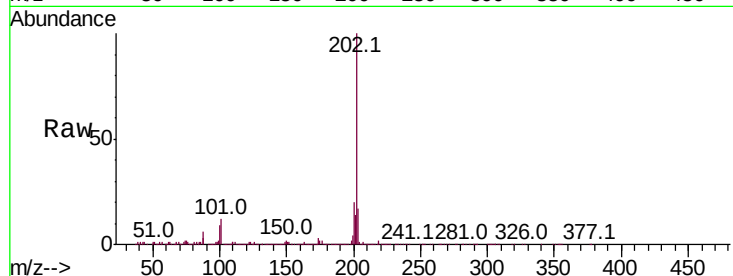




#76
Fluoranthene
Concen: 6.887 ng/ul
RT: 19.21 min Scan# 2730
Delta R.T. -0.01 min
Lab File: BN006026.D
Acq: 02 Jun 2019 11:16

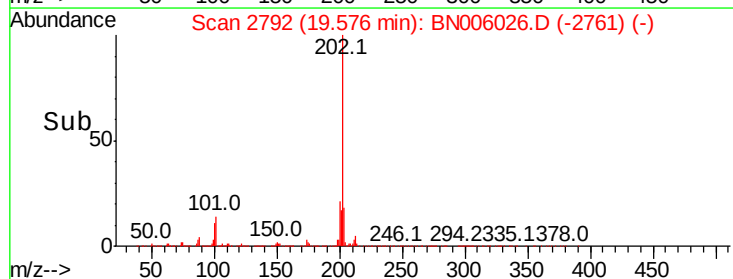
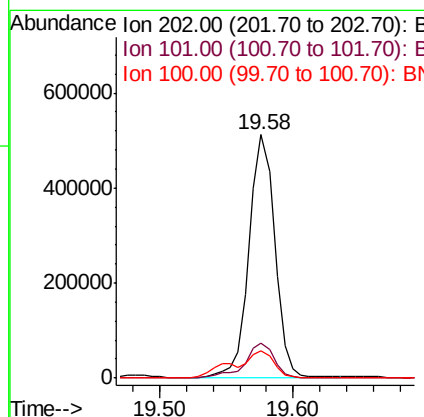
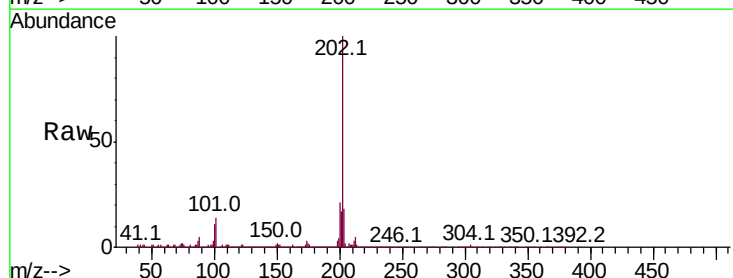
Instrument :
BNA_N
ClientSampleId :

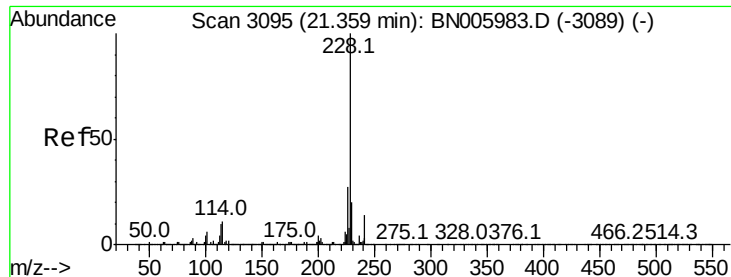
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.5	8.6	12.8
100	8.8	6.3	9.5



#79
Pyrene
Concen: 7.291 ng/ul
RT: 19.58 min Scan# 2792
Delta R.T. -0.02 min
Lab File: BN006026.D
Acq: 02 Jun 2019 11:16

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.5	10.3	15.5
100	11.3	7.9	11.9

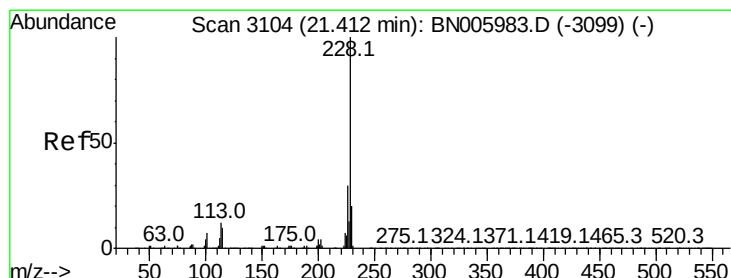
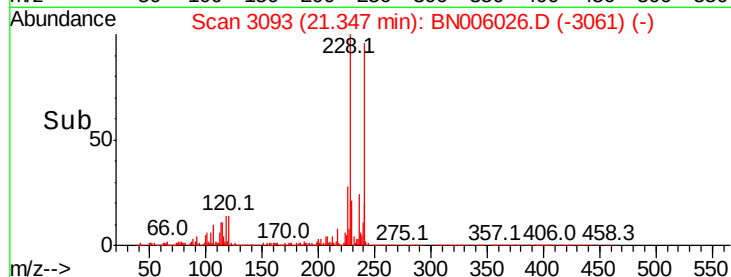
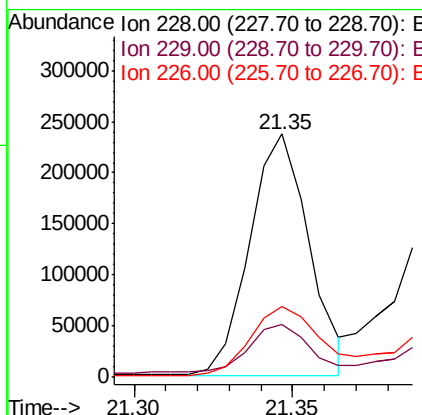
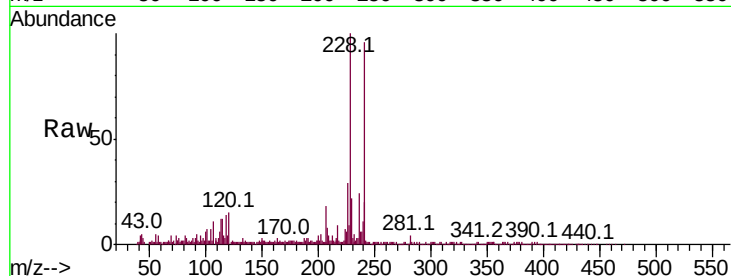




#82
Benzo(a)anthracene
Concen: 3.322 ng/ul
RT: 21.35 min Scan# 3093
Delta R.T. -0.01 min
Lab File: BN006026.D
Acq: 02 Jun 2019 11:16

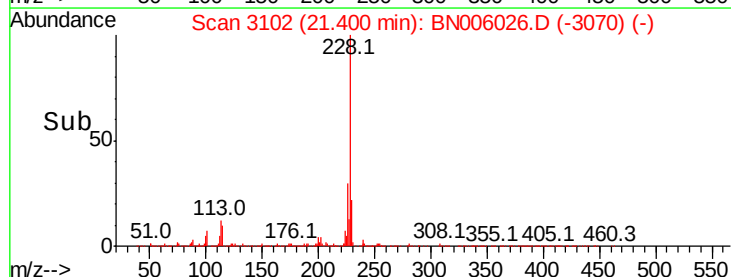
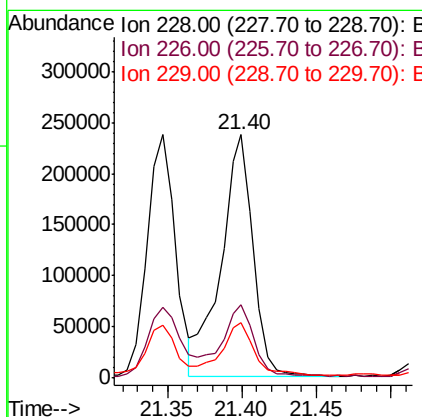
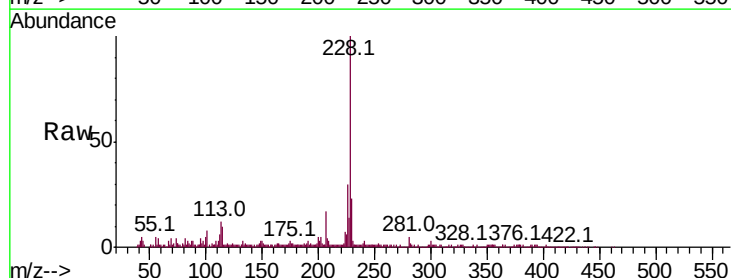
Instrument :
BNA_N
ClientSampleId :

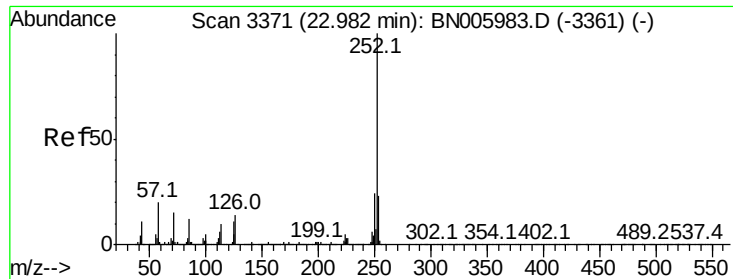
Tot Ion:228 Resp: 308408
Ion Ratio Lower Upper
228 100
229 21.7 15.8 23.6
226 28.9 21.4 32.2



#84
Chrysene
Concen: 4.093 ng/ul
RT: 21.40 min Scan# 3102
Delta R.T. -0.01 min
Lab File: BN006026.D
Acq: 02 Jun 2019 11:16

Tgt Ion:228 Resp: 354411
Ion Ratio Lower Upper
228 100
226 30.3 24.0 36.0
229 22.8 15.4 23.0





#87

Benzo(b)fluoranthene

Concen: 4.813 ng/ul

RT: 22.97 min Scan# 3369

Delta R.T. -0.01 min

Lab File: BN006026.D

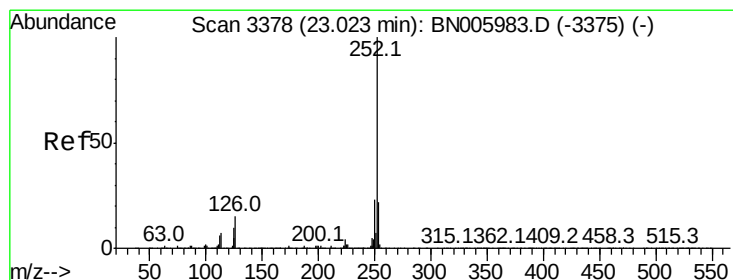
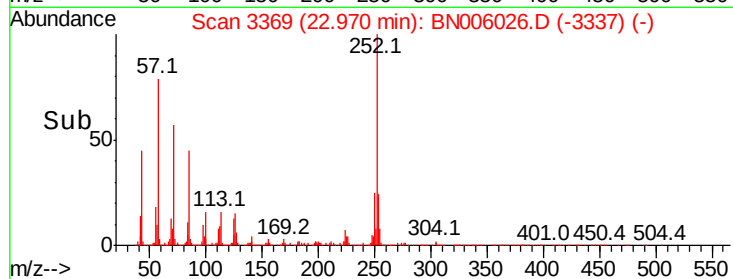
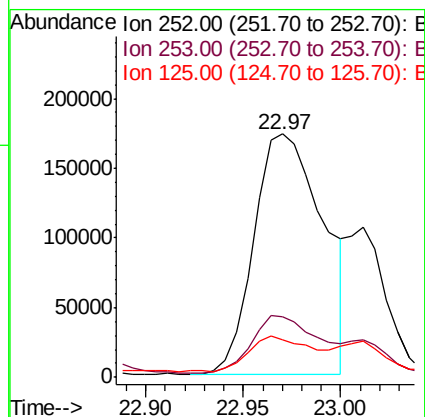
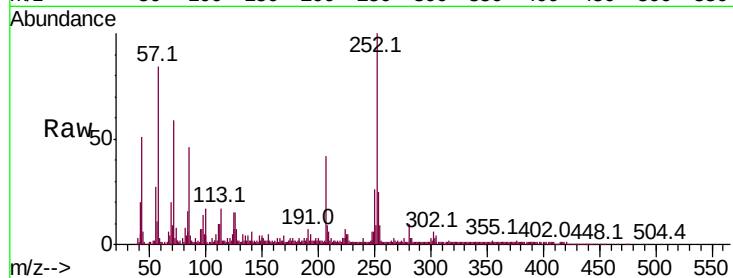
Acq: 02 Jun 2019 11:16

Instrument :

BNA_N

ClientSampleId :

Tot Ion:	252	Resp:	426174
Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.7	26.5
125	15.3	8.4	12.6#



#88

Benzo(k)fluoranthene

Concen: 5.235 ng/ul

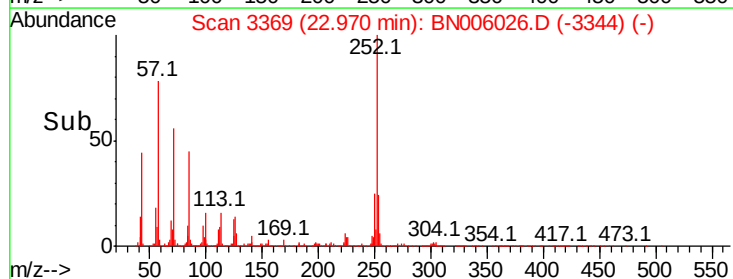
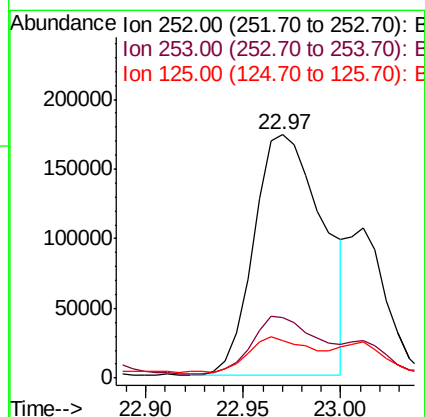
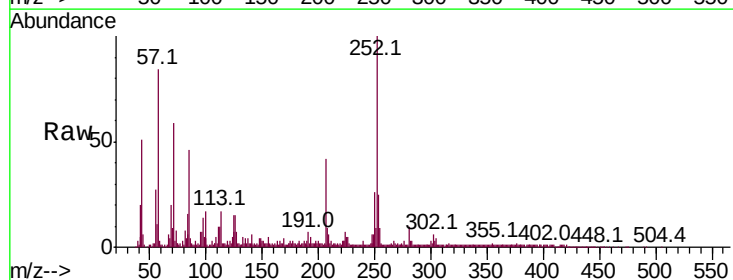
RT: 22.97 min Scan# 3369

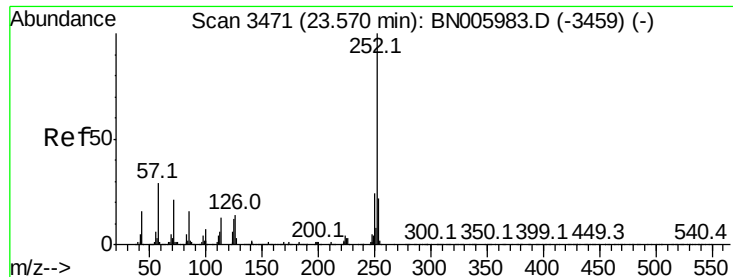
Delta R.T. -0.05 min

Lab File: BN006026.D

Acq: 02 Jun 2019 11:16

Tgt Ion:	252	Resp:	426174
Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.4	26.0
125	15.3	7.5	11.3#





#90

Benzo(a)pyrene

Concen: 3.279 ng/ul

RT: 23.56 min Scan# 3469

Delta R.T. -0.01 min

Lab File: BN006026.D

Acq: 02 Jun 2019 11:16

Instrument :

BNA_N

ClientSampleId :

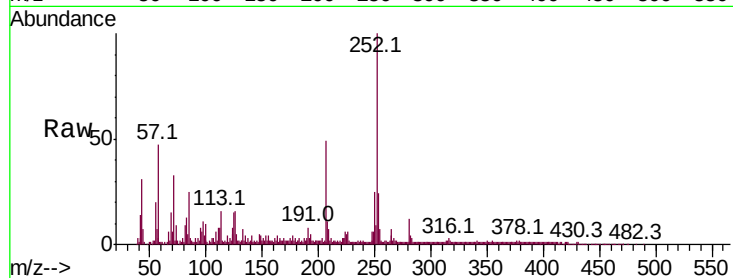
Tot Ion:252 Resp: 273778

Ion Ratio Lower Upper

252 100

253 23.7 17.3 25.9

125 14.9 8.6 13.0#

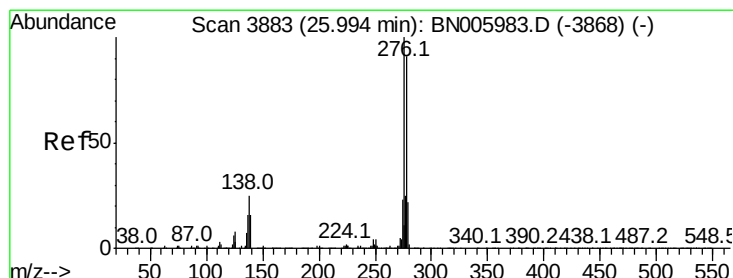
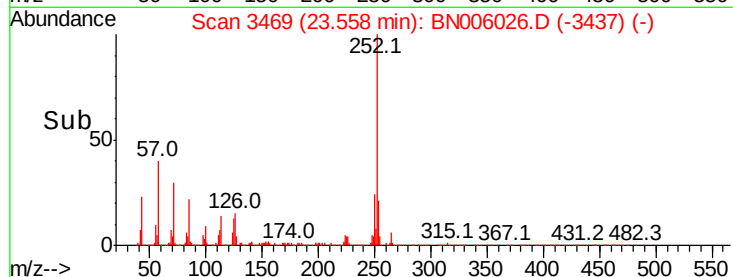
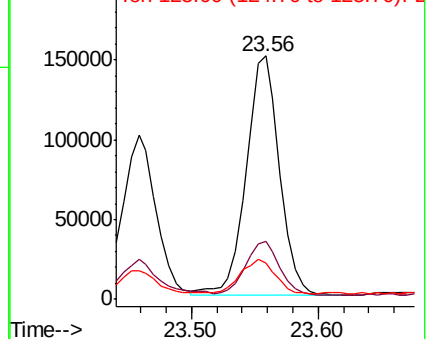


Abundance

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



#91

Indeno(1,2,3-cd)pyrene

Concen: 1.980 ng/ul

RT: 25.96 min Scan# 3877

Delta R.T. -0.04 min

Lab File: BN006026.D

Acq: 02 Jun 2019 11:16

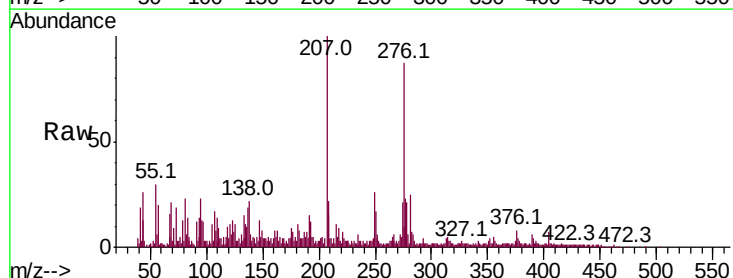
Tgt Ion:276 Resp: 194030

Ion Ratio Lower Upper

276 100

138 25.0 17.9 26.9

277 26.1 19.7 29.5

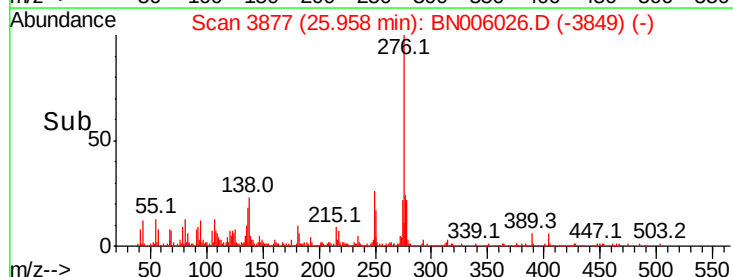
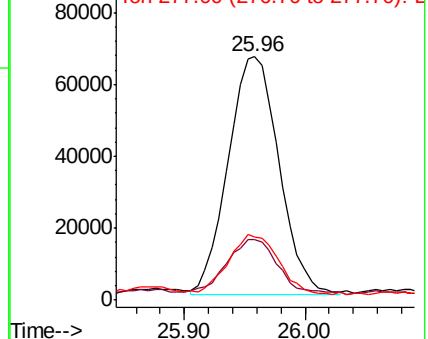


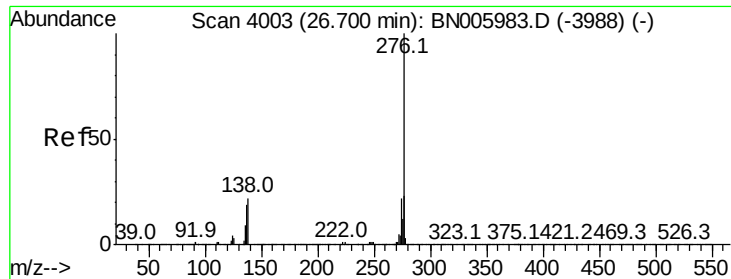
Abundance

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





#93

Benzo(a,h,i)perylene

Concen: 1.601 ng/ul

RT: 26.66 min Scan# 3997

Delta R.T. -0.04 min

Lab File: BN006026.D

Acq: 02 Jun 2019 11:16

Instrument :

BNA_N

ClientSampleId :

Tot Ion: 276 Resp: 132142

Ion Ratio Lower Upper

276 100

138 24.6 16.7 25.1

277 25.7 18.2 27.2

