

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN022220\
 Data File : BN009816.D
 Acq On : 21 Feb 2020 20:19
 Operator : CG/JU
 Sample : L1535-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Feb 21 22:03:25 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 19 04:46:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	112063	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.14	136	473249	20.00	ng/ul	-0.02
36) Acenaphthene-d10	14.03	164	296740	20.00	ng/ul	-0.02
62) Phenanthrene-d10	16.79	188	616279	20.00	ng/ul	-0.02
78) Chrysene-d12	21.00	240	540586	20.00	ng/ul	-0.02
86) Perylene-d12	23.10	264	580742	20.00	ng/ul	-0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.05	96	3379	1.24	ng/uL	0.00
5) Phenol-d5	6.60	99	53605	5.62	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	6.76	67	41648	6.33	ng/ul	-0.01
9) 2-Chlorophenol-d4	6.94	132	44762	6.24	ng/ul	-0.02
13) 4-Methylphenol-d8	8.12	113	40467	5.34	ng/ul	-0.01
19) Nitrobenzene-d5	8.55	128	21436	6.19	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.25	143	22072	5.83	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	9.80	165	37477	5.15	ng/ul	0.00
29) 4-Chloroaniline-d4	10.31	131	55018	6.73	ng/ul	0.00
44) Dimethylphthalate-d6	13.46	166	145292	6.56	ng/ul	-0.01
47) Acenaphthylene-d8	13.72	160	170128	6.52	ng/ul	-0.02
52) 4-Nitrophenol-d4	14.30	143	3882	0.96	ng/ul	0.01
58) Fluorene-d10	15.04	176	132032	6.90	ng/ul	-0.02
63) 4,6-Dinitro-2-methylphenol	15.21	200	10436	2.73	ng/ul	0.00
71) Anthracene-d10	16.89	188	191430	6.78	ng/ul	-0.02
79) Pyrene-d10	19.20	212	216628	7.67	ng/ul	-0.02
90) Benzo(a)pyrene-d12	22.97	264	200391	6.91	ng/ul	-0.03

Target Compounds

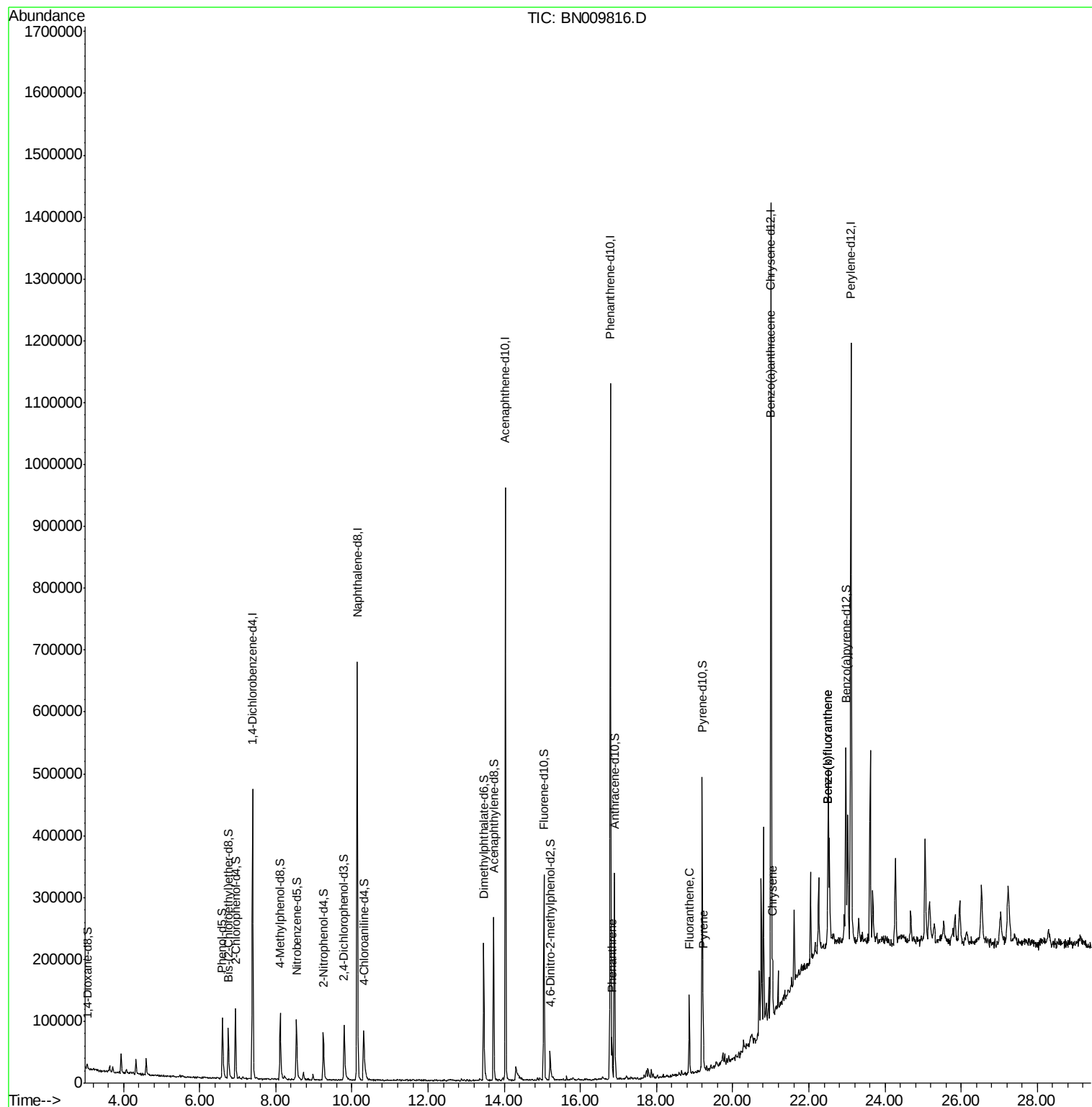
					Ovalue
70) Phenanthrene	16.83	178	37841	1.076 ng/ul	96
77) Fluoranthene	18.86	202	72336	1.756 ng/ul	99
80) Pyrene	19.23	202	70531	1.810 ng/ul	98
83) Benzo(a)anthracene	20.99	228	38476	1.036 ng/ul	95
85) Chrysene	21.04	228	40863	1.117 ng/ul	95
88) Benzo(b)fluoranthene	22.49	252	56933	1.512 ng/ul	99
89) Benzo(k)fluoranthene	22.49	252	56933	1.597 ng/ul	98

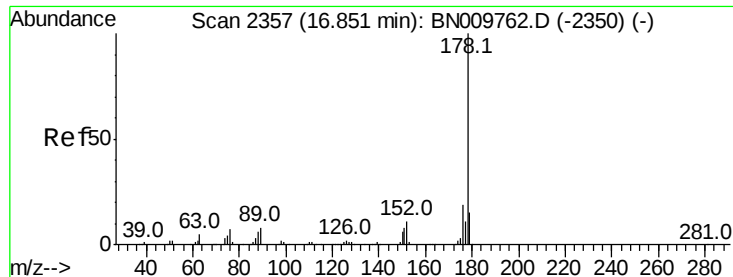
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 19 04:46:48 2020
Response via : Initial Calibration





#70

Phenanthrene

Concen: 1.076 ng/ul

RT: 16.83 min Scan# 2353

Delta R.T. -0.02 min

Lab File: BN009816.D

Acq: 21 Feb 2020 20:19

Instrument :

BNA_N

ClientSampleId :

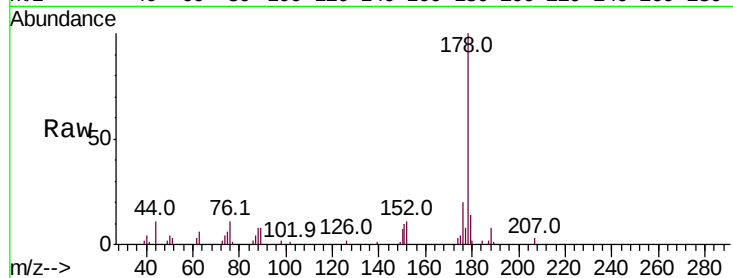
Tot Ion:178 Resp: 37841

Ion Ratio Lower Upper

178 100

179 14.1 12.5 18.7

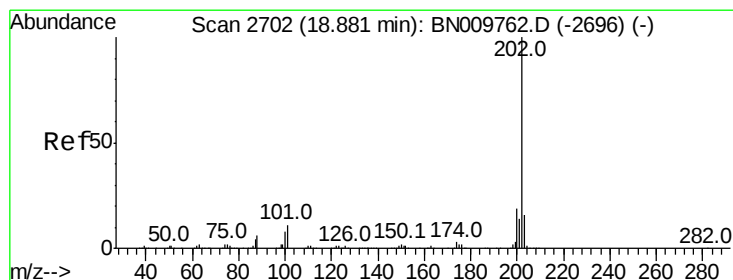
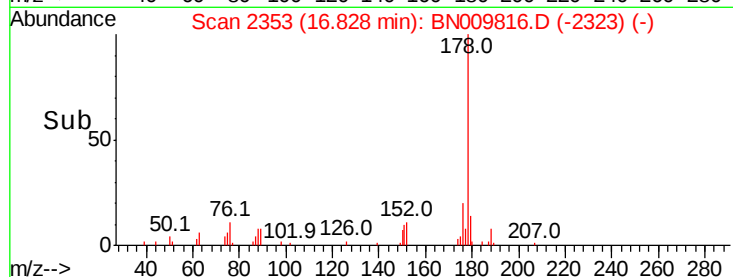
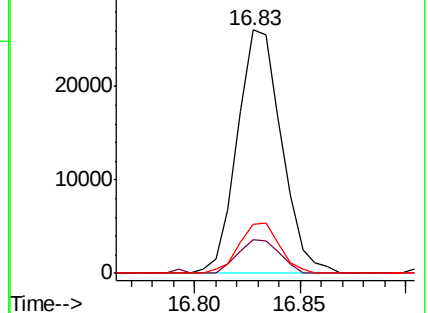
176 20.2 14.6 22.0



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



#77

Fluoranthene

Concen: 1.756 ng/ul

RT: 18.86 min Scan# 2699

Delta R.T. -0.02 min

Lab File: BN009816.D

Acq: 21 Feb 2020 20:19

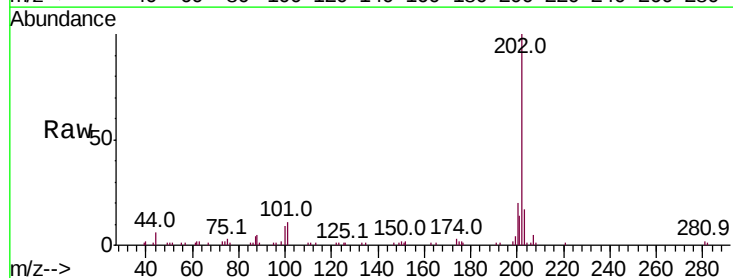
Tgt Ion:202 Resp: 72336

Ion Ratio Lower Upper

202 100

101 11.2 9.4 14.2

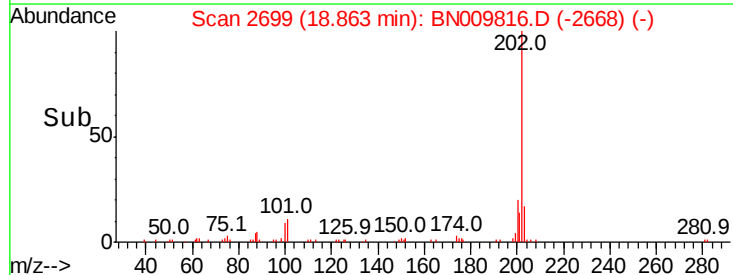
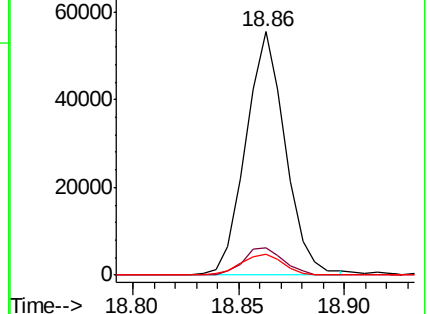
100 8.6 7.2 10.8

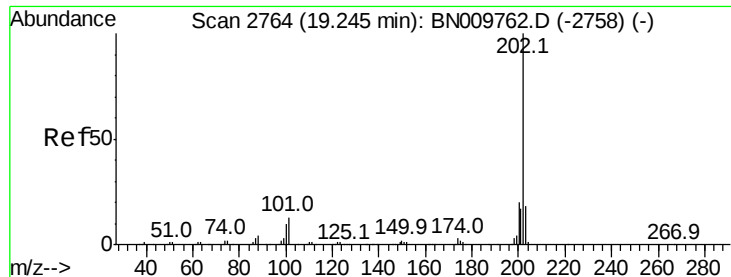


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

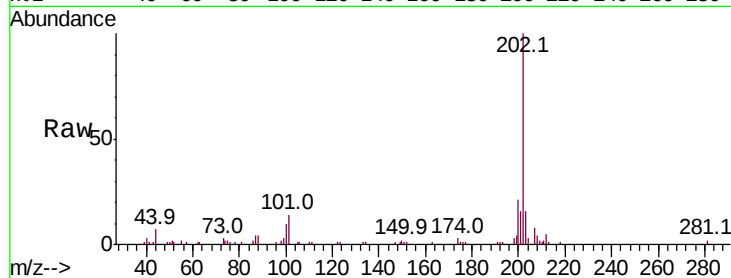




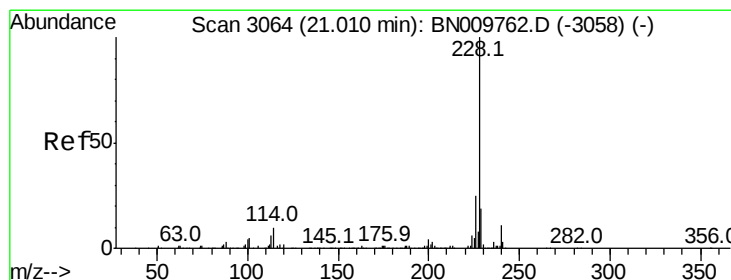
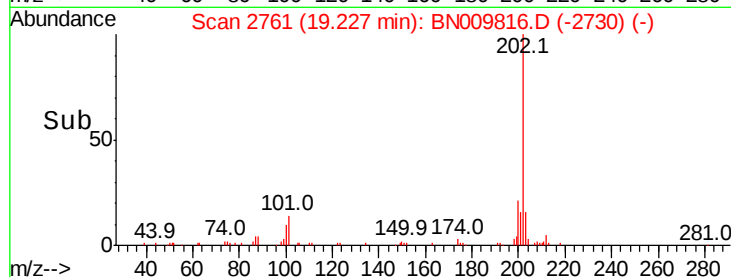
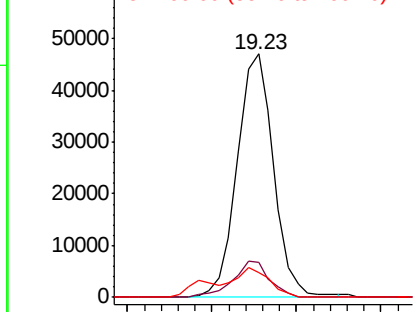
#80
Pvrene
Concen: 1.810 ng/ul
RT: 19.23 min Scan# 2761
Delta R.T. -0.02 min
Lab File: BN009816.D
Acq: 21 Feb 2020 20:19

Instrument :
BNA_N
ClientSampleId :

Tot Ion:202 Resp: 70531
Ion Ratio Lower Upper
202 100
101 14.5 11.3 16.9
100 10.3 9.0 13.6

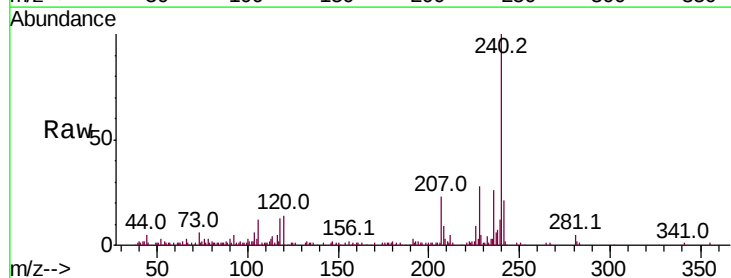


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

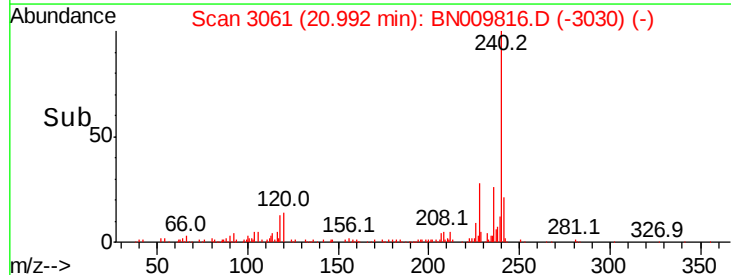
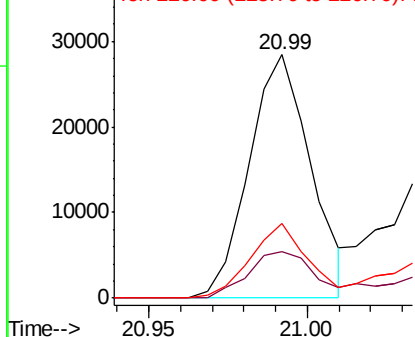


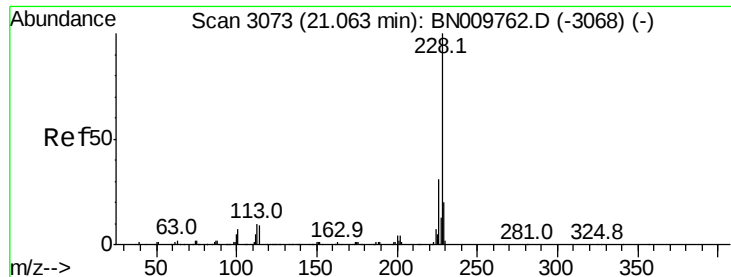
#83
Benzo(a)anthracene
Concen: 1.036 ng/ul
RT: 20.99 min Scan# 3061
Delta R.T. -0.02 min
Lab File: BN009816.D
Acq: 21 Feb 2020 20:19

Tgt Ion:228 Resp: 38476
Ion Ratio Lower Upper
228 100
229 19.3 15.0 22.4
226 30.9 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

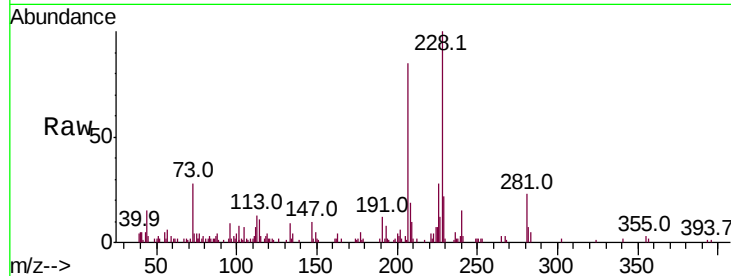




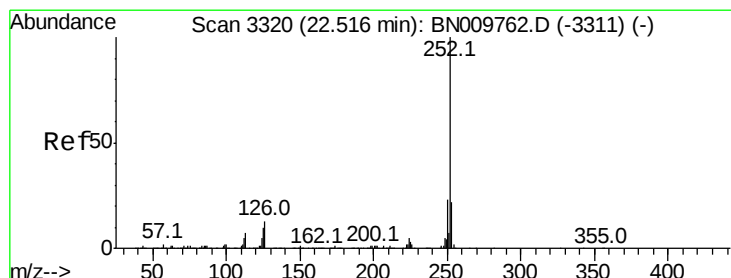
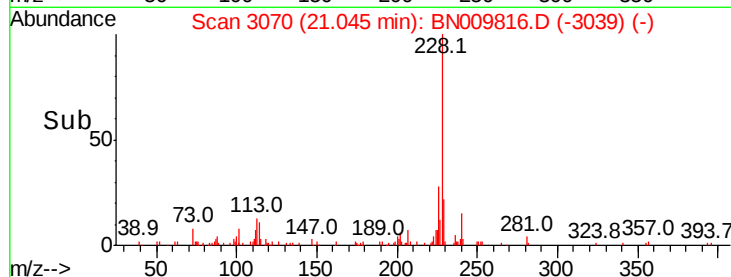
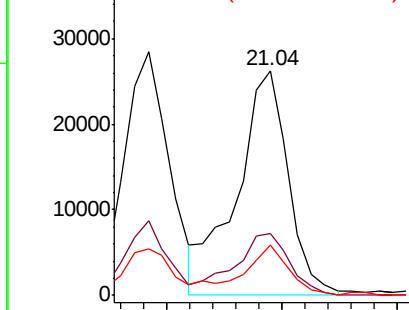
#85
 Chrysene
 Concen: 1.117 ng/ul
 RT: 21.04 min Scan# 3070
 Delta R.T. -0.02 min
 Lab File: BN009816.D
 Acq: 21 Feb 2020 20:19

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.6	23.4	35.2
229	22.3	15.0	22.4

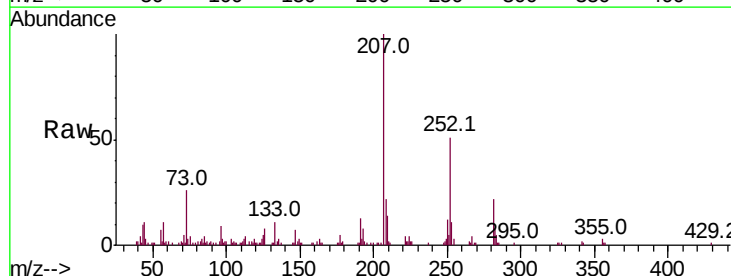


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

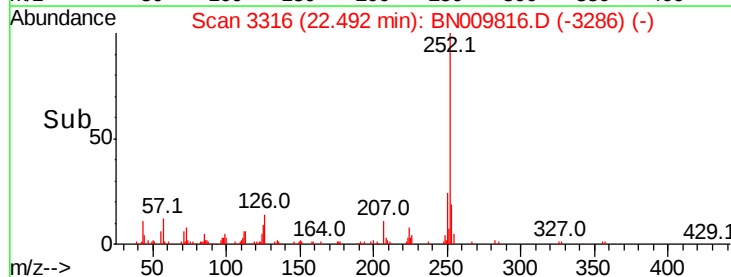
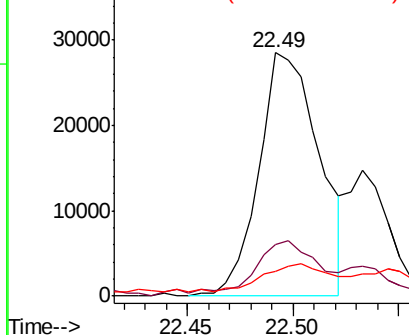


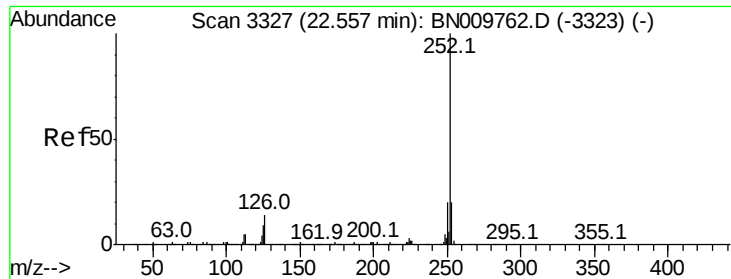
#88
 Benzo(b)fluoranthene
 Concen: 1.512 ng/ul
 RT: 22.49 min Scan# 3316
 Delta R.T. -0.02 min
 Lab File: BN009816.D
 Acq: 21 Feb 2020 20:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.0	25.4
125	10.4	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





#89

Benzo(k)fluoranthene

Concen: 1.597 ng/ul

RT: 22.49 min Scan# 3316

Delta R.T. -0.06 min

Lab File: BN009816.D

Acq: 21 Feb 2020 20:19

Instrument :

BNA_N

ClientSampleId :

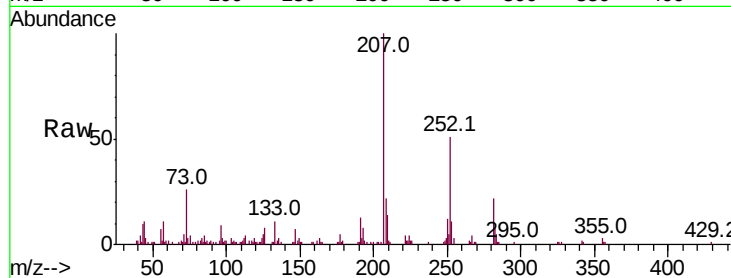
Tot Ion:252 Resp: 56933

Ion Ratio Lower Upper

252 100

253 21.0 18.0 27.0

125 10.4 8.2 12.2



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

