

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030719\
 Data File : BN004653.D
 Acq On : 08 Mar 2019 00:45
 Operator : JU/SJ
 Sample : K1657-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 08 01:30:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 08 00:36:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	30872	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	143455	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.36	164	87818	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.11	188	212215	20.00	ng/ul	0.00
78) Chrysene-d12	21.31	240	269689	20.00	ng/ul	0.00
86) Perylene-d12	23.57	264	297050	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.22	96	3160	5.77	ng/uL	0.00
5) Phenol-d5	6.88	99	36670	14.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	20706	15.56	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	33619	15.19	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	31785	14.33	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	17386	15.90	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	19959	16.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	36200	15.29	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	9966	3.51	ng/ul	0.00
44) Dimethylphthalate-d6	13.77	166	129085	17.00	ng/ul	0.00
47) Acenaphthylene-d8	14.06	160	146629	16.04	ng/ul	0.00
52) 4-Nitrophenol-d4	14.56	143	18286	12.98	ng/ul	0.00
58) Fluorene-d10	15.36	176	108351	16.79	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.47	200	19843	13.54	ng/ul	0.00
71) Anthracene-d10	17.21	188	174157	16.85	ng/ul	0.00
79) Pyrene-d10	19.51	212	206328	15.66	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.42	264	237325	14.88	ng/ul	0.00

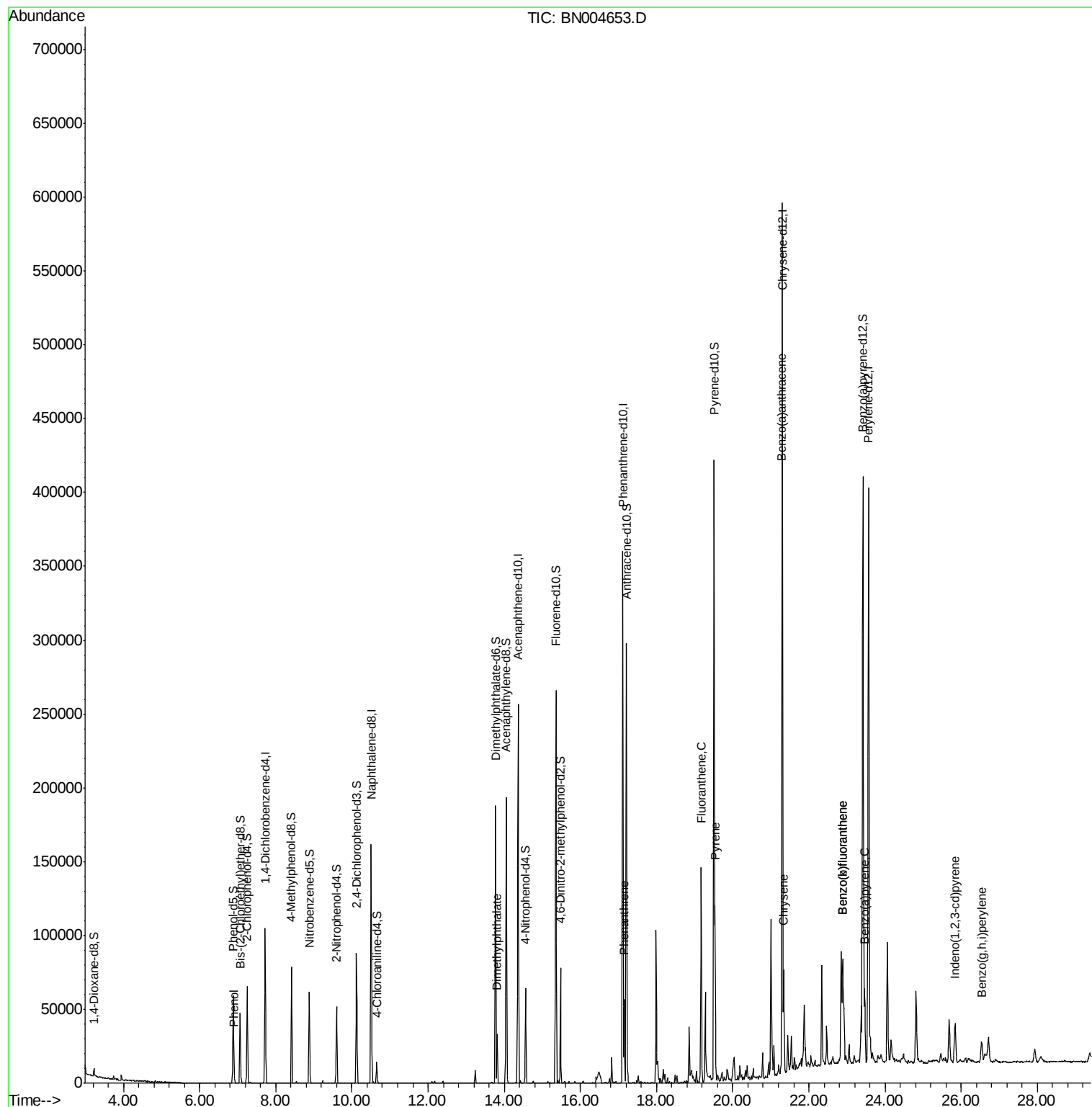
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
6) Phenol	6.91	94	2882	1.110	ng/ul	96
45) Dimethylphthalate	13.82	163	23459	3.149	ng/ul	99
70) Phenanthrene	17.15	178	34815	2.950	ng/ul	99
77) Fluoranthene	19.17	202	85489	6.283	ng/ul	98
80) Pyrene	19.54	202	70900	4.336	ng/ul	100
83) Benzo(a)anthracene	21.29	228	45081	2.657	ng/ul	97
85) Chrysene	21.34	228	43349	2.752	ng/ul	97
88) Benzo(b)fluoranthene	22.89	252	68271	3.703	ng/ul	98
89) Benzo(k)fluoranthene	22.89	252	68271	3.766	ng/ul	97
91) Benzo(a)pyrene	23.47	252	39367	2.270	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.83	276	25840	1.368	ng/ul	96
94) Benzo(g,h,i)perylene	26.54	276	20011	1.302	ng/ul	98

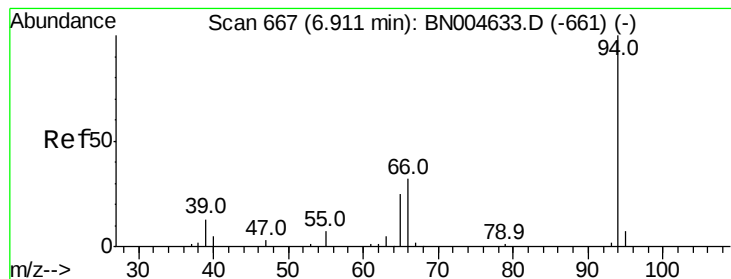
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 1.110 ng/ul

RT: 6.91 min Scan# 667

Delta R.T. -0.00 min

Lab File: BN004653.D

Acq: 08 Mar 2019 00:45

Instrument :

BNA_N

ClientSampled :

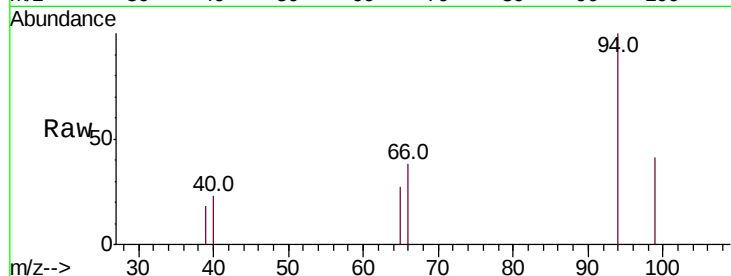
Tot Ion: 94 Resp: 2882

Ion Ratio Lower Upper

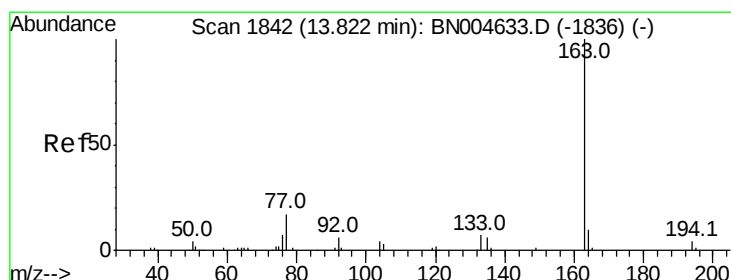
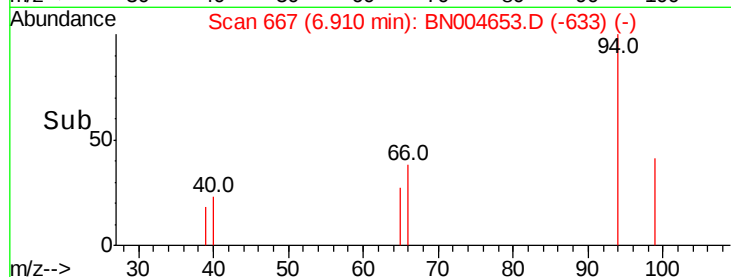
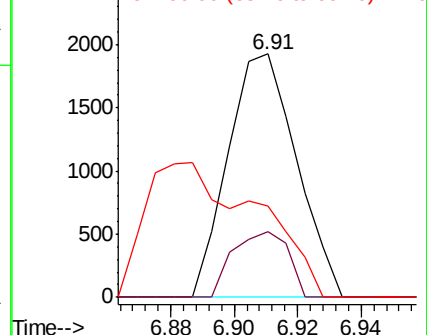
94 100

65 26.8 20.2 30.4

66 37.7 28.2 42.2



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



#45

Dimethylphthalate

Concen: 3.149 ng/ul

RT: 13.82 min Scan# 1841

Delta R.T. -0.01 min

Lab File: BN004653.D

Acq: 08 Mar 2019 00:45

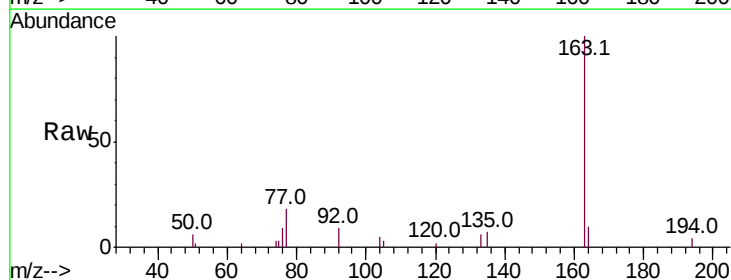
Tgt Ion:163 Resp: 23459

Ion Ratio Lower Upper

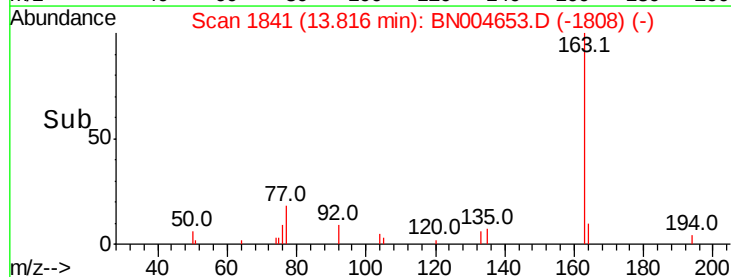
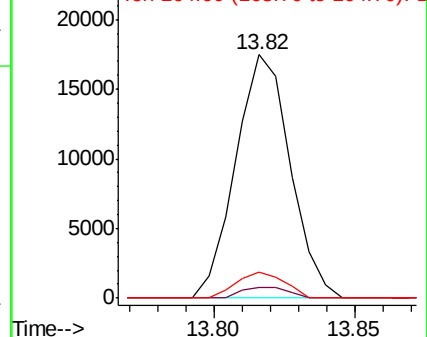
163 100

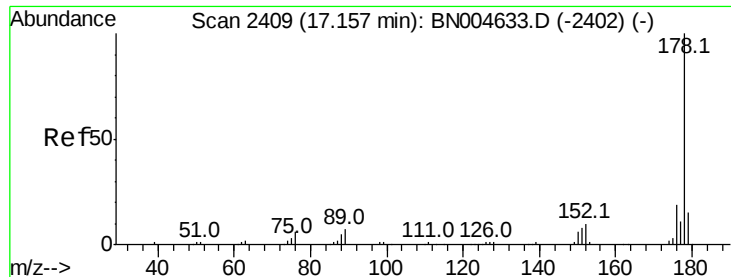
194 4.2 3.4 5.2

164 10.5 7.9 11.9



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

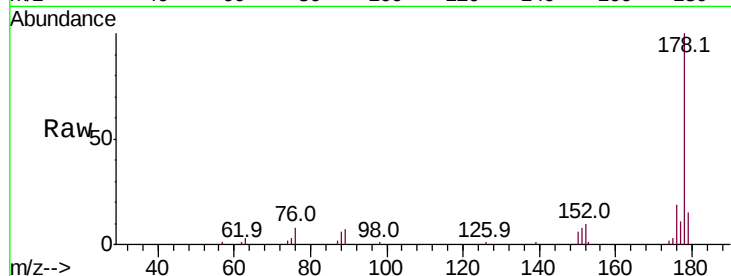




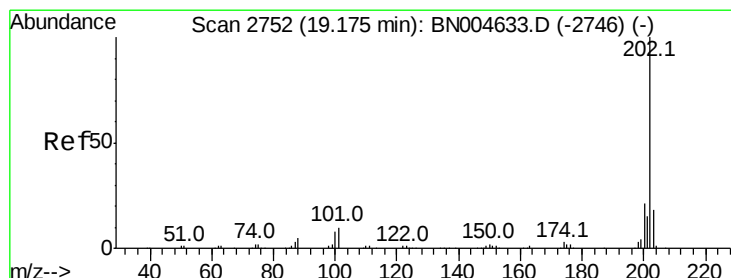
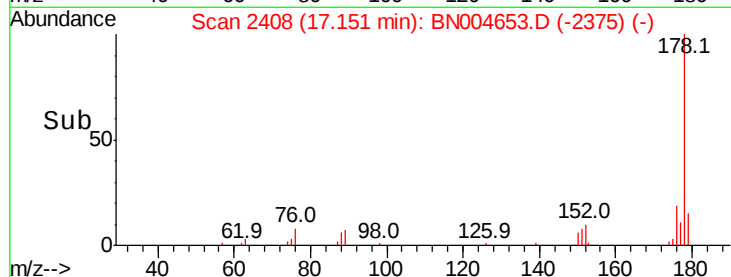
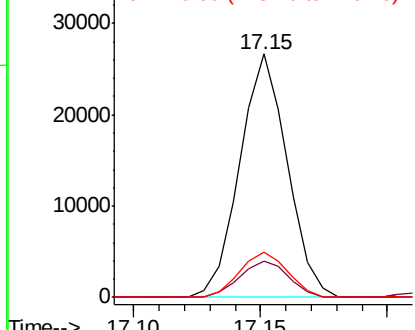
#70
 Phenanthrene
 Concen: 2.950 ng/ul
 RT: 17.15 min Scan# 2408
 Delta R.T. -0.01 min
 Lab File: BN004653.D
 Acq: 08 Mar 2019 00:45

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:178 Resp: 34815
 Ion Ratio Lower Upper
 178 100
 179 15.0 12.3 18.5
 176 18.8 15.4 23.0

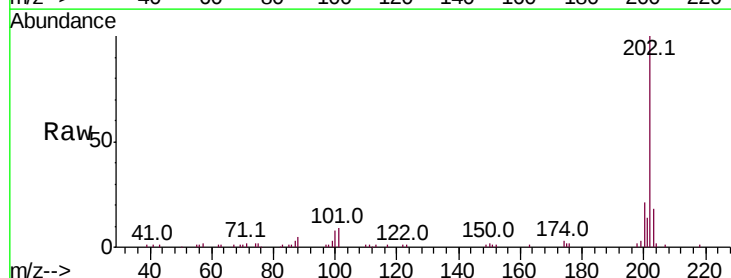


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E

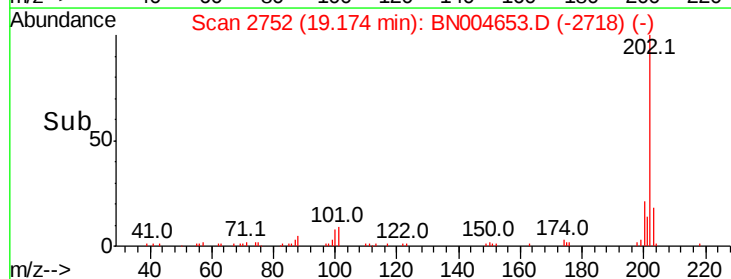
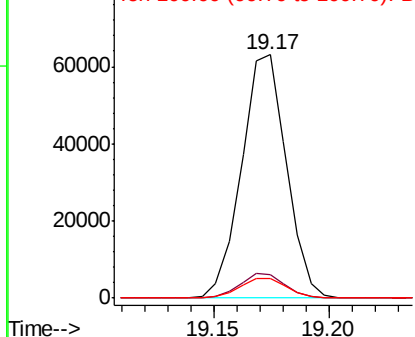


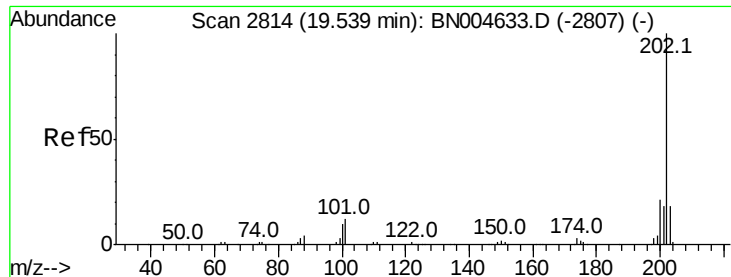
#77
 Fluoranthene
 Concen: 6.283 ng/ul
 RT: 19.17 min Scan# 2752
 Delta R.T. -0.00 min
 Lab File: BN004653.D
 Acq: 08 Mar 2019 00:45

Tgt Ion:202 Resp: 85489
 Ion Ratio Lower Upper
 202 100
 101 9.5 8.2 12.4
 100 7.9 6.6 9.8



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

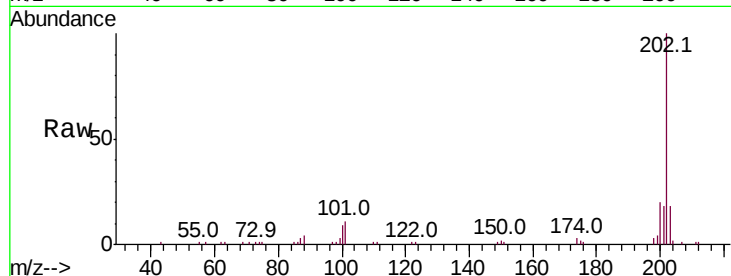




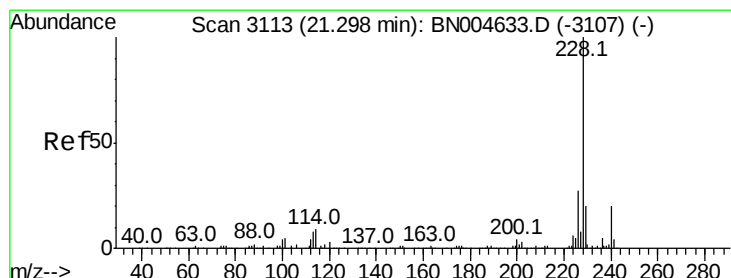
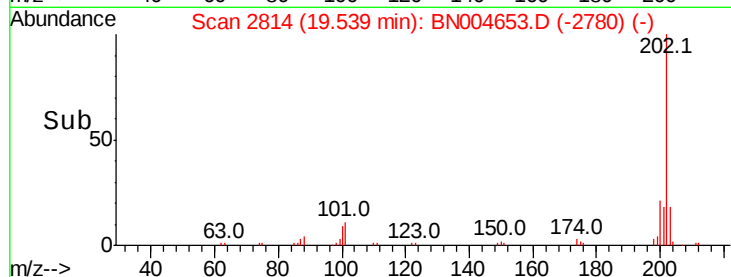
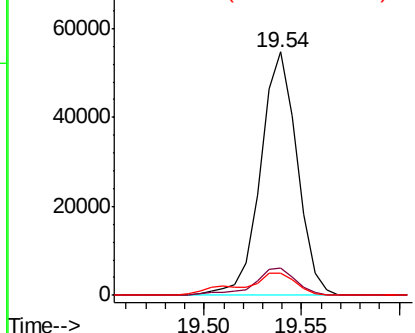
#80
 Pvrene
 Concen: 4.336 ng/ul
 RT: 19.54 min Scan# 2814
 Delta R.T. -0.00 min
 Lab File: BN004653.D
 Acq: 08 Mar 2019 00:45

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.4	9.2	13.8
100	9.3	7.5	11.3

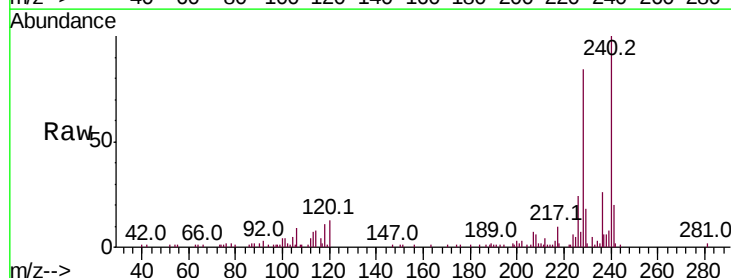


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

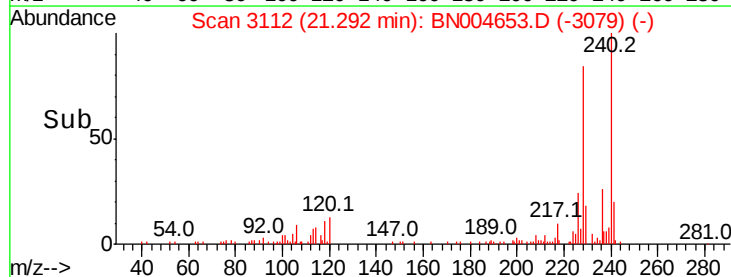
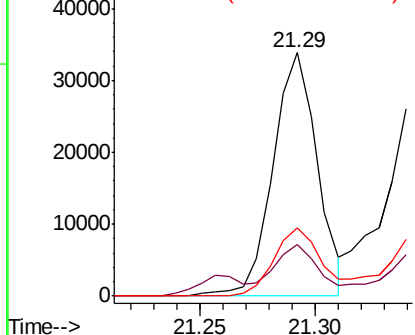


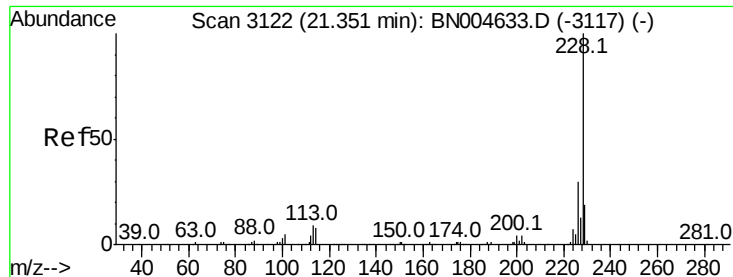
#83
 Benzo(a)anthracene
 Concen: 2.657 ng/ul
 RT: 21.29 min Scan# 3112
 Delta R.T. -0.01 min
 Lab File: BN004653.D
 Acq: 08 Mar 2019 00:45

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.3	15.4	23.2
226	28.0	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

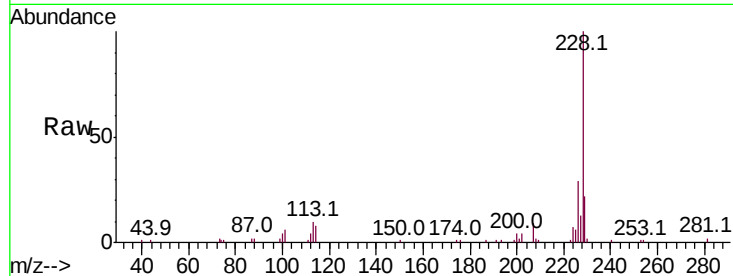




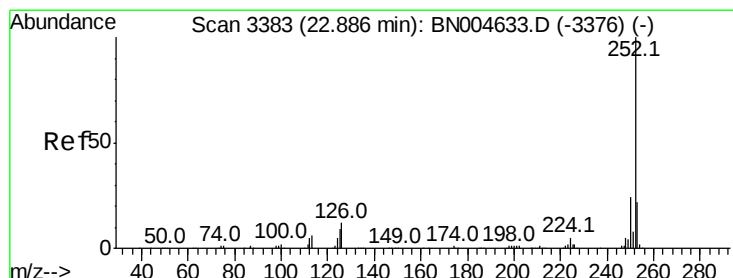
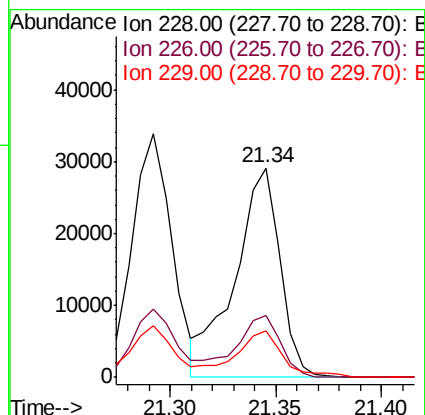
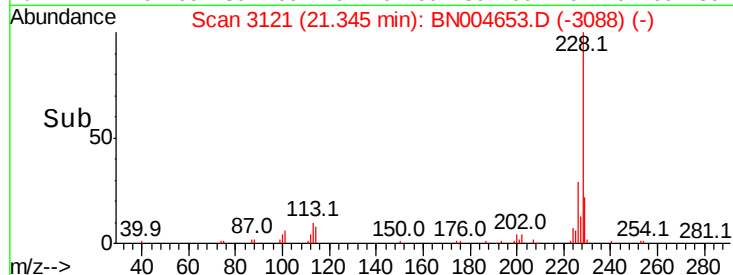
#85
Chrysene
Concen: 2.752 ng/ul
RT: 21.34 min Scan# 3121
Delta R.T. -0.01 min
Lab File: BN004653.D
Acq: 08 Mar 2019 00:45

Instrument :
BNA_N
ClientSampleId :

Tot Ion:228 Resp: 43349
Ion Ratio Lower Upper
228 100
226 29.4 24.0 36.0
229 22.1 15.7 23.5

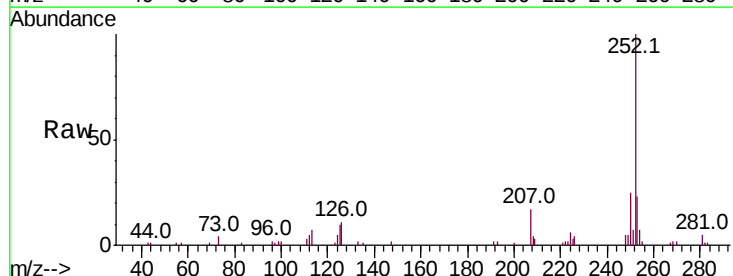


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

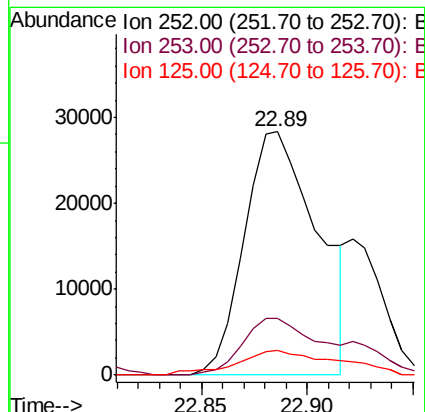
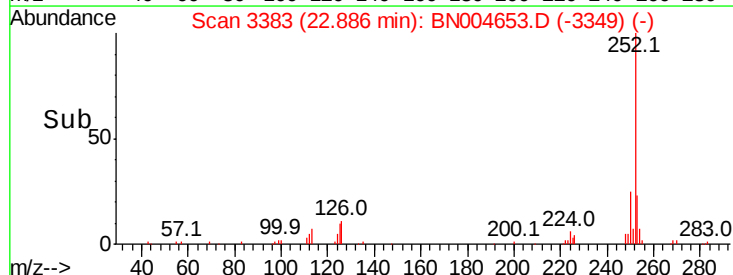


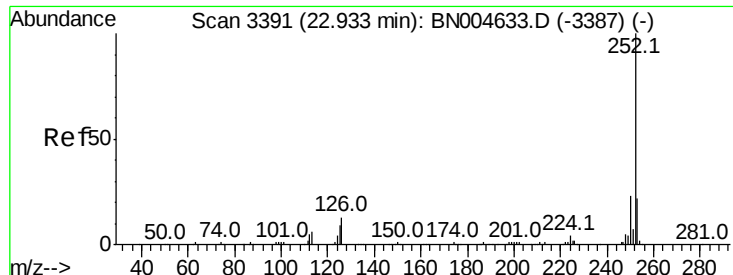
#88
Benzo(b)fluoranthene
Concen: 3.703 ng/ul
RT: 22.89 min Scan# 3383
Delta R.T. -0.00 min
Lab File: BN004653.D
Acq: 08 Mar 2019 00:45

Tgt Ion:252 Resp: 68271
Ion Ratio Lower Upper
252 100
253 23.3 17.7 26.5
125 9.9 7.4 11.2



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





#89

Benzo(k)fluoranthene

Concen: 3.766 ng/u1

RT: 22.89 min Scan# 3383

Delta R.T. -0.05 min

Lab File: BN004653.D

Acq: 08 Mar 2019 00:45

Instrument :

BNA_N

ClientSampleId :

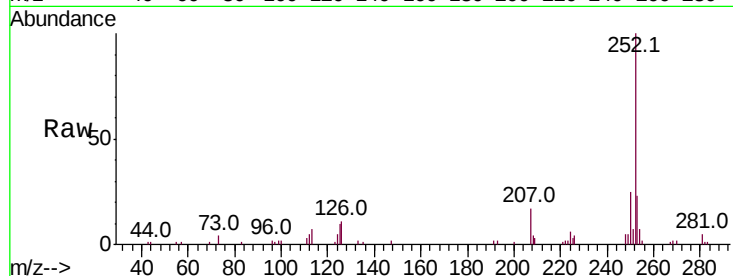
Tot Ion:252 Resp: 68271

Ion Ratio Lower Upper

252 100

253 23.3 17.4 26.2

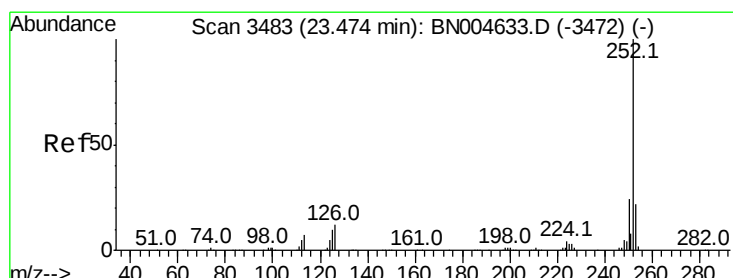
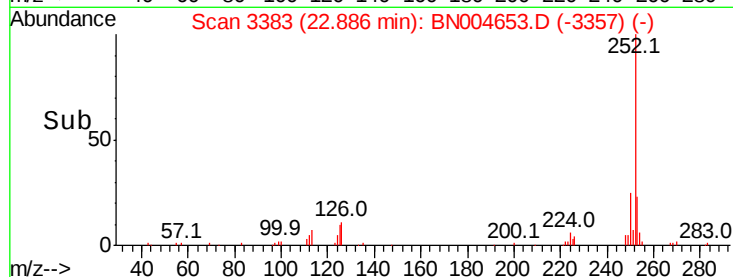
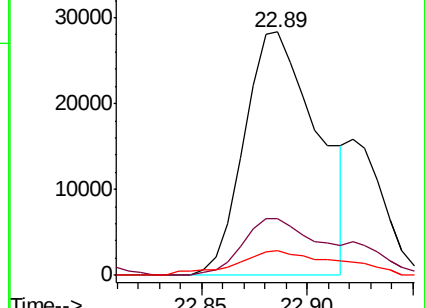
125 9.9 7.4 11.0



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

Benzo(a)pyrene

Concen: 2.270 ng/u1

RT: 23.47 min Scan# 3482

Delta R.T. -0.01 min

Lab File: BN004653.D

Acq: 08 Mar 2019 00:45

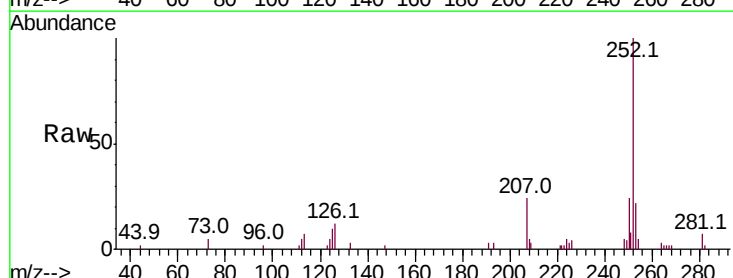
Tgt Ion:252 Resp: 39367

Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

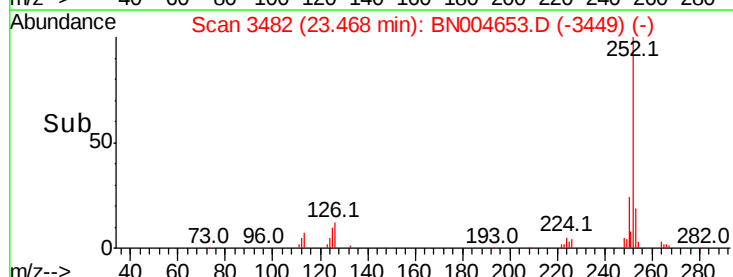
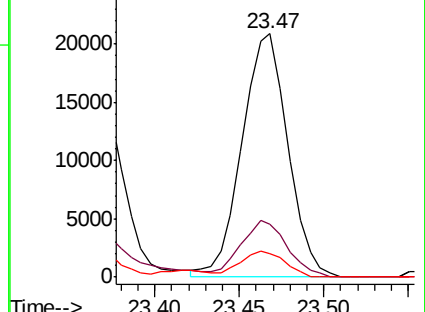
125 9.8 8.4 12.6

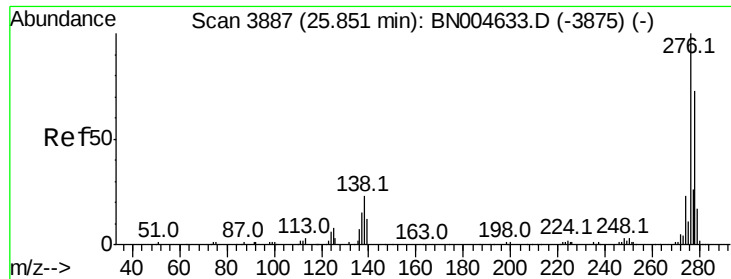


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#92

Indeno(1,2,3-cd)pyrene

Concen: 1.368 ng/ul

RT: 25.83 min Scan# 3884

Delta R.T. -0.02 min

Lab File: BN004653.D

Acq: 08 Mar 2019 00:45

Instrument :

BNA_N

ClientSampleId :

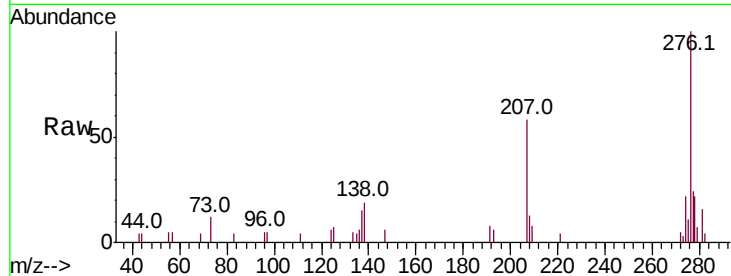
Tot Ion:276 Resp: 25840

Ion Ratio Lower Upper

276 100

138 19.3 18.7 28.1

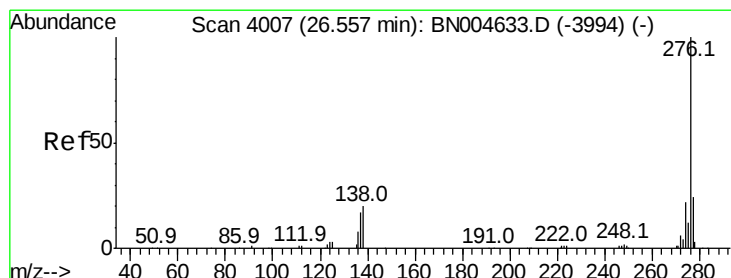
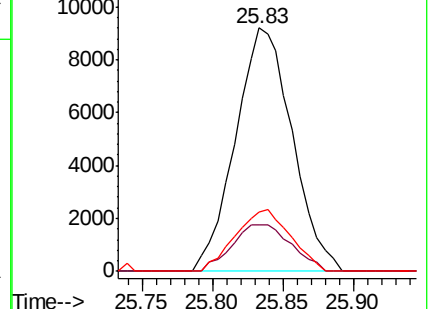
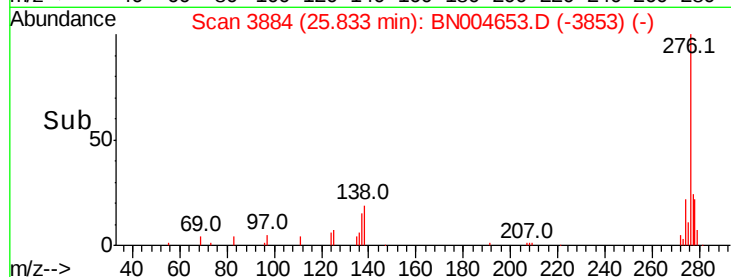
277 24.4 19.8 29.8



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



#94

Benzo(g,h,i)perylene

Concen: 1.302 ng/ul

RT: 26.54 min Scan# 4004

Delta R.T. -0.02 min

Lab File: BN004653.D

Acq: 08 Mar 2019 00:45

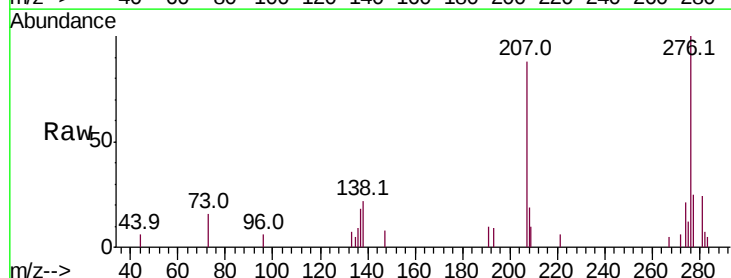
Tgt Ion:276 Resp: 20011

Ion Ratio Lower Upper

276 100

138 21.6 16.7 25.1

277 24.9 19.0 28.6



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

