

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052219\
 Data File : BN005858.D
 Acq On : 22 May 2019 19:26
 Operator : JU/SJ
 Sample : k2925-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: May 23 01:16:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 22 04:04:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	78585	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	361042	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.20	164	256567	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	670832	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	799326	20.00	ng/ul	0.00
85) Perylene-d12	23.40	264	928899	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	4875	3.47	ng/uL	0.00
5) Phenol-d5	6.76	99	87663	14.44	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.91	67	52359	16.52	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	74312	15.22	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	67223	12.94	ng/ul	0.01
19) Nitrobenzene-d5	8.72	128	39657	15.13	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	40543	13.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	78974	13.67	ng/ul	0.02
29) 4-Chloroaniline-d4	10.50	131	54396	8.48	ng/ul	0.02
43) Dimethylphthalate-d6	13.62	166	326768	16.55	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	381650	15.91	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	10206	3.67	ng/ul	0.04
57) Fluorene-d10	15.20	176	289935	17.10	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	24142	5.99	ng/ul	0.01
70) Anthracene-d10	17.06	188	456566	15.75	ng/ul	0.00
78) Pyrene-d10	19.37	212	586236	14.88	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.26	264	654533	15.71	ng/ul	0.00

Target Compounds

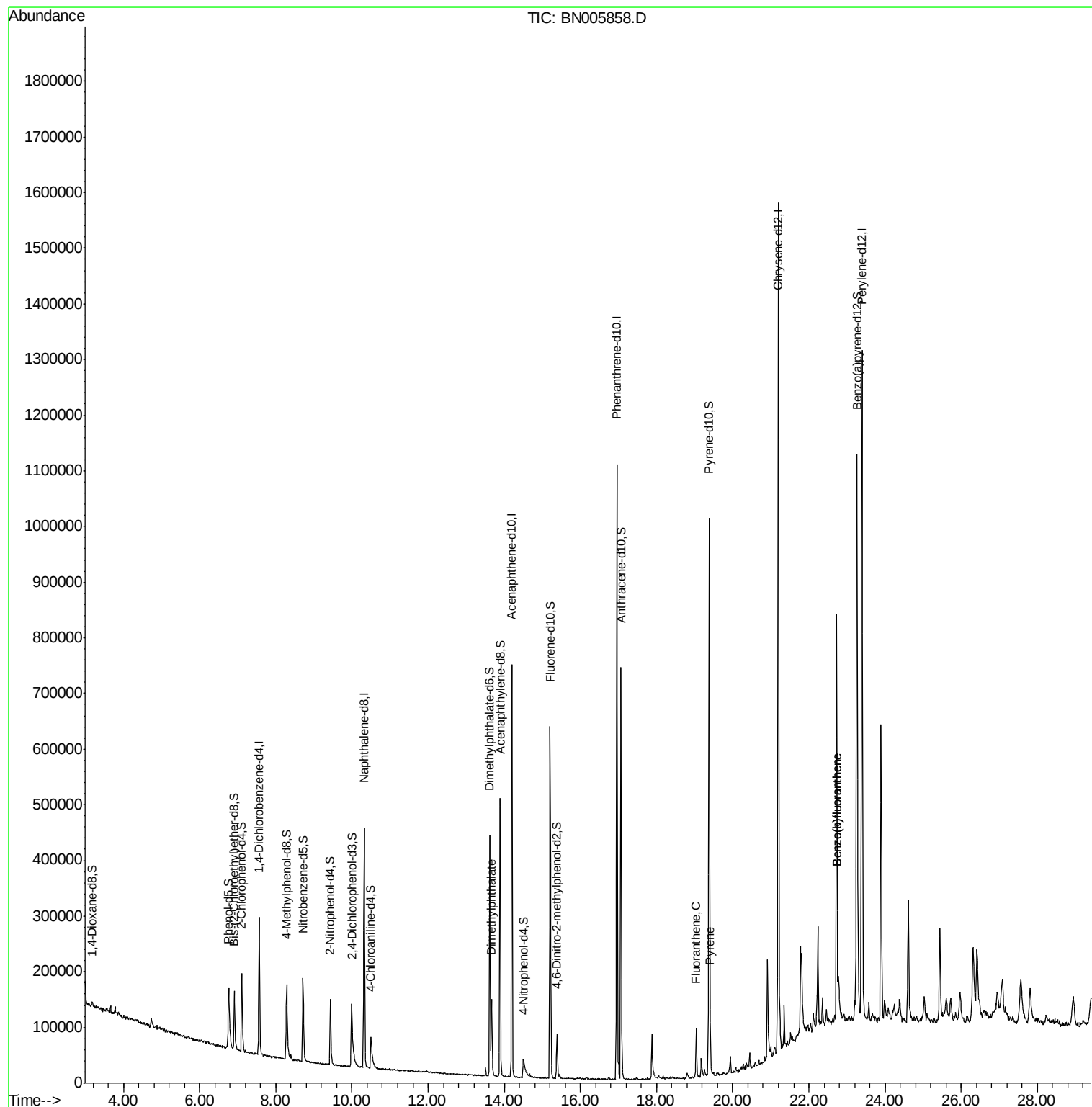
				Ovalue	
44) Dimethylphthalate	13.67	163	98760	5.074	ng/ul 98
76) Fluoranthene	19.05	202	55893	1.360	ng/ul# 88
79) Pyrene	19.41	202	50337	1.025	ng/ul# 88
87) Benzo(b)fluoranthene	22.75	252	52218	1.022	ng/ul# 93
88) Benzo(k)fluoranthene	22.75	252	52218	1.056	ng/ul# 93

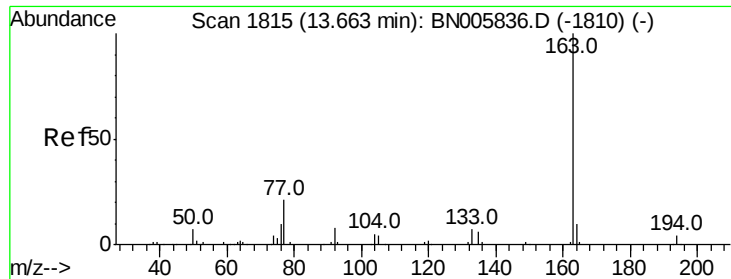
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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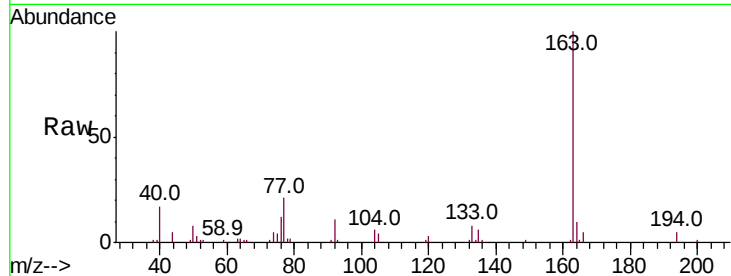




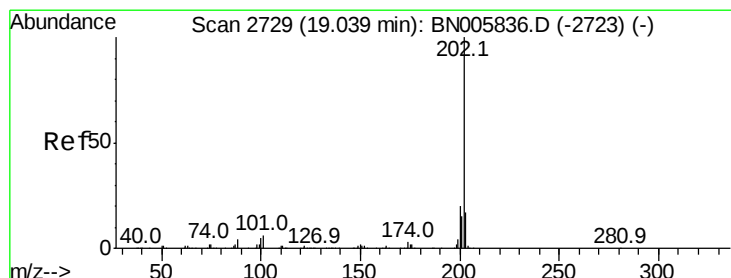
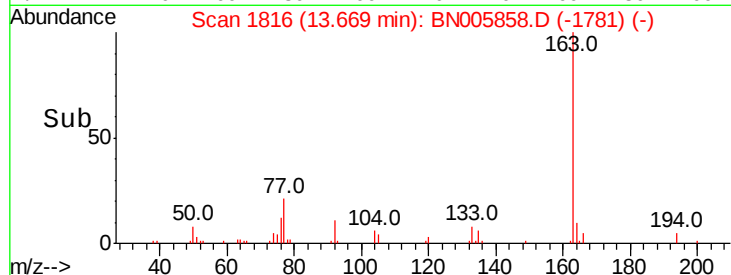
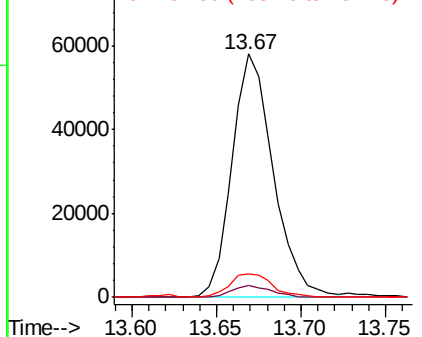
#44
Dimethylphthalate
Concen: 5.074 ng/ul
RT: 13.67 min Scan# 1816
Delta R.T. 0.01 min
Lab File: BN005858.D
Acq: 22 May 2019 19:26

Instrument :
BNA_N
ClientSampleId :

Tot Ion:163 Resp: 98760
Ion Ratio Lower Upper
163 100
194 5.0 3.4 5.0
164 9.6 8.1 12.1

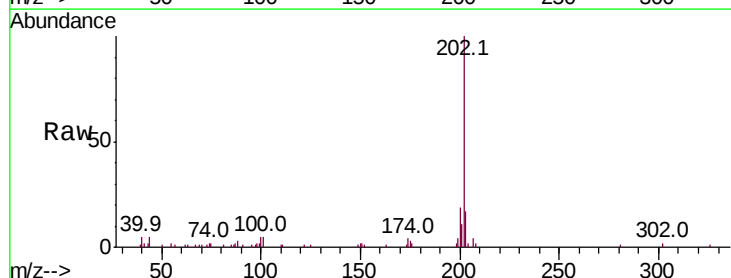


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

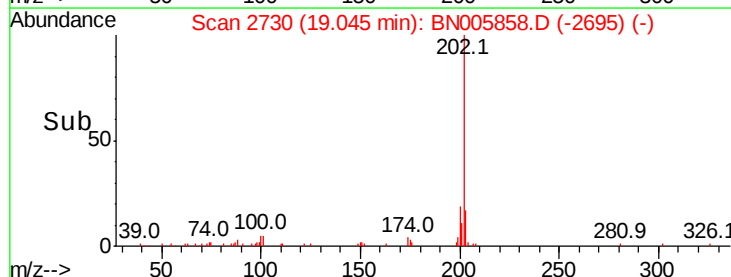
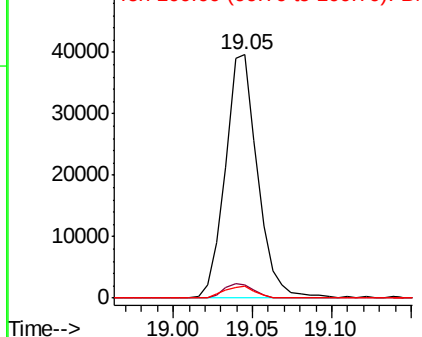


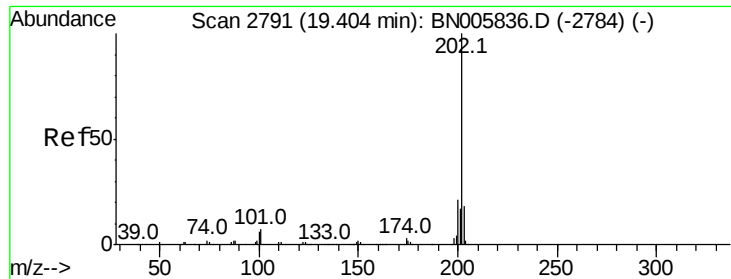
#76
Fluoranthene
Concen: 1.360 ng/ul
RT: 19.05 min Scan# 2730
Delta R.T. 0.01 min
Lab File: BN005858.D
Acq: 22 May 2019 19:26

Tgt Ion:202 Resp: 55893
Ion Ratio Lower Upper
202 100
101 5.2 8.6 12.8#
100 5.0 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): B





#79

Pvrene

Concen: 1.025 ng/ul

RT: 19.41 min Scan# 2792

Delta R.T. 0.01 min

Lab File: BN005858.D

Acq: 22 May 2019 19:26

Instrument :

BNA_N

ClientSampleId :

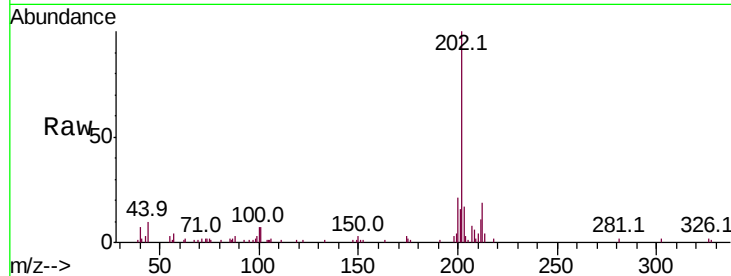
Tot Ion:202 Resp: 50337

Ion Ratio Lower Upper

202 100

101 7.3 10.3 15.5#

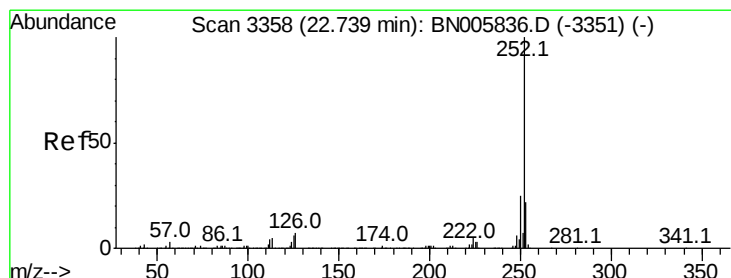
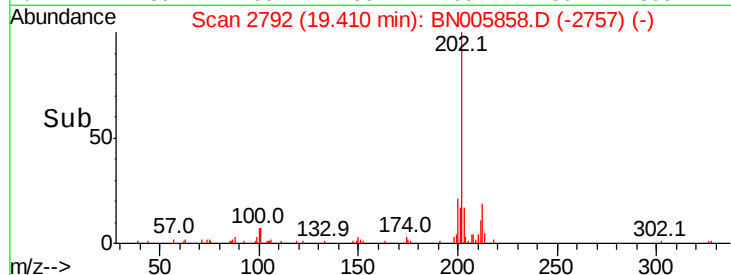
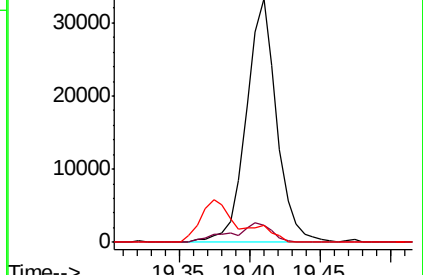
100 6.9 7.9 11.9#



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): B



#87

Benzo(b)fluoranthene

Concen: 1.022 ng/ul

RT: 22.75 min Scan# 3360

Delta R.T. 0.01 min

Lab File: BN005858.D

Acq: 22 May 2019 19:26

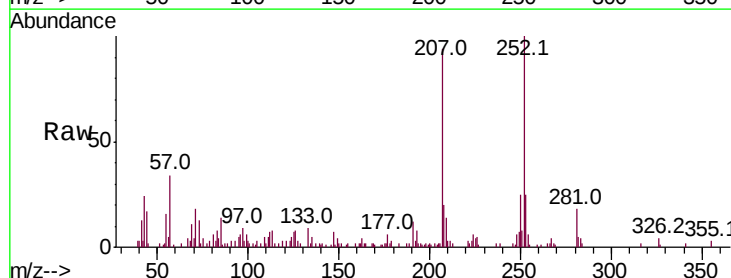
Tgt Ion:252 Resp: 52218

Ion Ratio Lower Upper

252 100

253 25.2 17.7 26.5

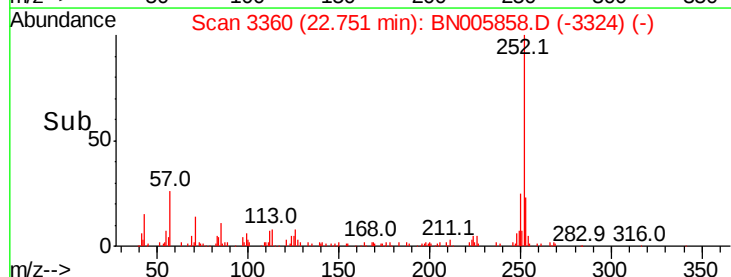
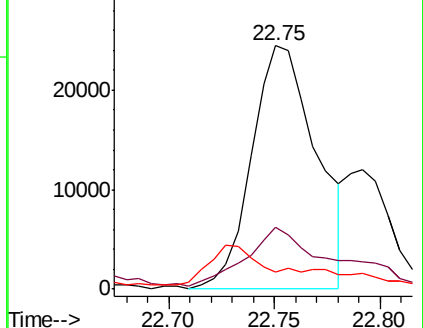
125 7.0 8.4 12.6#

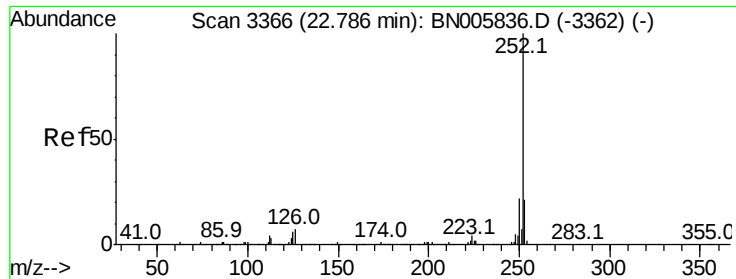


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 1.056 ng/ul

RT: 22.75 min Scan# 3360

Delta R.T. -0.04 min

Lab File: BN005858.D

Acq: 22 May 2019 19:26

Instrument :

BNA_N

ClientSampleId :

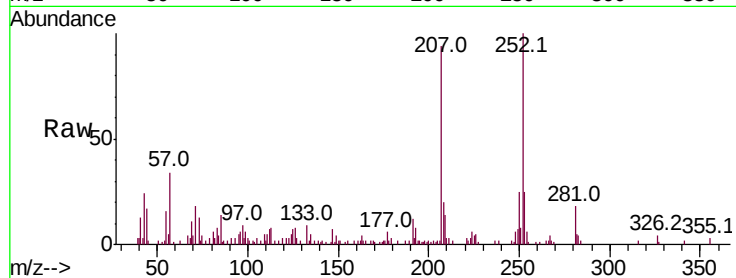
Tot Ion:252 Resp: 52218

Ion Ratio Lower Upper

252 100

253 25.2 17.4 26.0

125 7.0 7.5 11.3#



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

