

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101720\
 Data File : BN012338.D
 Acq On : 18 Oct 2020 20:12
 Operator : CG/JU
 Sample : L4267-11
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEQC5

Quant Time: Oct 19 03:26:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN101720.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 17 15:47:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	235184	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.36	136	893590	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.24	164	515742	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.99	188	1049045	20.00	ng/ul	0.00
78) Chrysene-d12	21.19	240	929931	20.00	ng/ul	0.00
86) Perylene-d12	23.36	264	909004	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.10	96	262	0.05	ng/uL	-0.04
5) Phenol-d5	0.00	99	0	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0	0.00	ng/ul	
9) 2-Chlorophenol-d4	0.00	132	0	0.00	ng/ul	
13) 4-Methylphenol-d8	0.00	113	0	0.00	ng/ul	
19) Nitrobenzene-d5	0.00	128	0	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0	0.00	ng/ul	
29) 4-Chloroaniline-d4	10.37	131	1052	0.06	ng/ul	-0.14
44) Dimethylphthalate-d6	0.00	166	0	0.00	ng/ul	
47) Acenaphthylene-d8	0.00	160	0	0.00	ng/ul	
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	0.00	176	0	0.00	ng/ul	
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.08	188	5869	0.11	ng/ul	-0.01
79) Pyrene-d10	19.39	212	1192	0.02	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.36	264	900882	17.17	ng/ul	0.14

Target Compounds

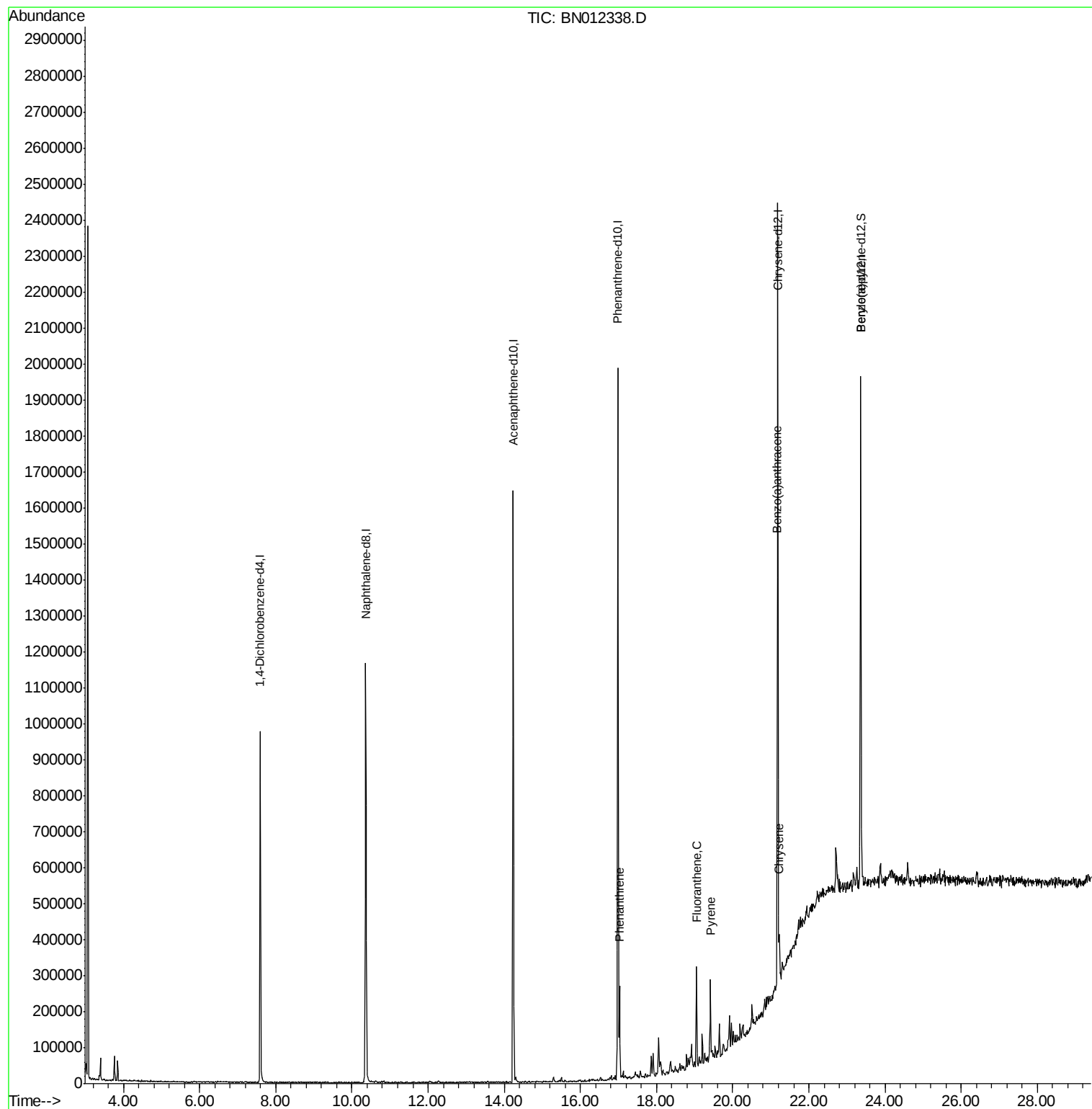
					Ovalue
70) Phenanthrene	17.03	178	137056	2.125	ng/ul 98
77) Fluoranthene	19.05	202	143892	1.945	ng/ul 98
80) Pyrene	19.42	202	125034	1.779	ng/ul 96
83) Benzo(a)anthracene	21.17	228	69235	1.085	ng/ul 94
85) Chrysene	21.22	228	79061	1.264	ng/ul 95

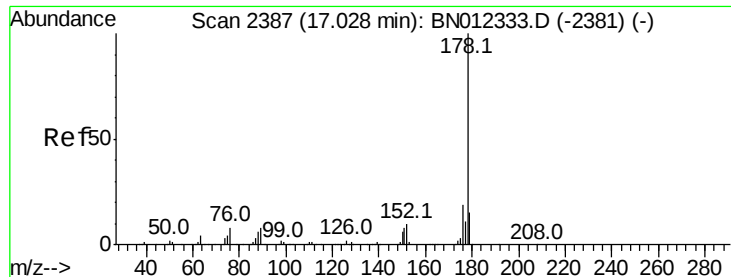
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#70

Phenanthrene

Concen: 2.125 ng/ul

RT: 17.03 min Scan# 2387

Delta R.T. -0.01 min

Lab File: BN012338.D

Acq: 18 Oct 2020 20:12

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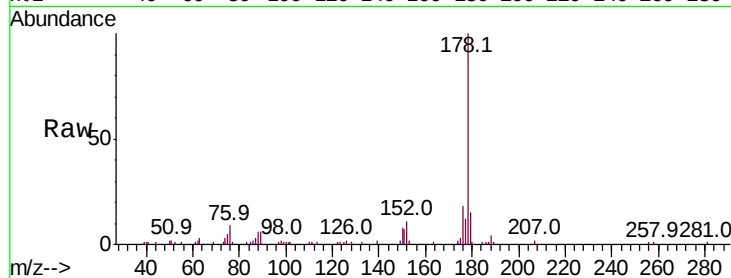
Tot Ion:178 Resp: 137056

Ion Ratio Lower Upper

178 100

179 15.1 12.6 18.8

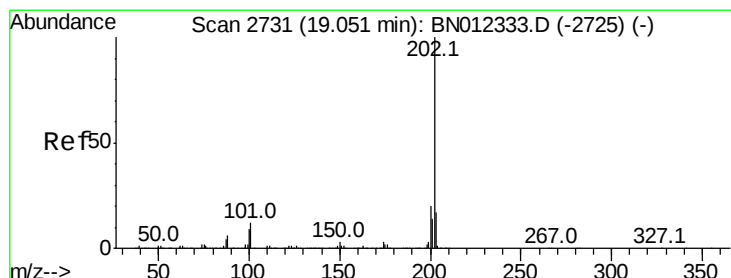
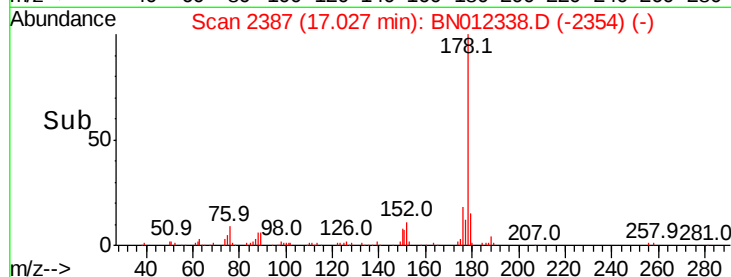
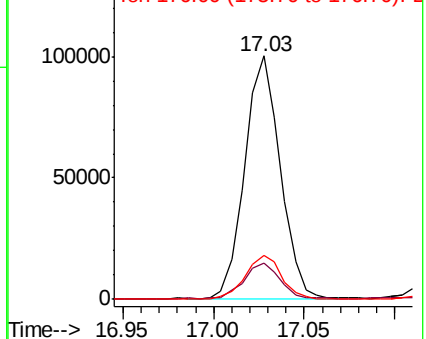
176 18.0 15.3 22.9



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: 1.945 ng/ul

RT: 19.05 min Scan# 2731

Delta R.T. -0.01 min

Lab File: BN012338.D

Acq: 18 Oct 2020 20:12

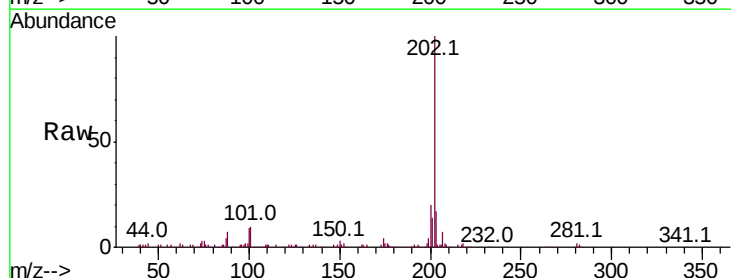
Tgt Ion:202 Resp: 143892

Ion Ratio Lower Upper

202 100

101 9.8 8.7 13.1

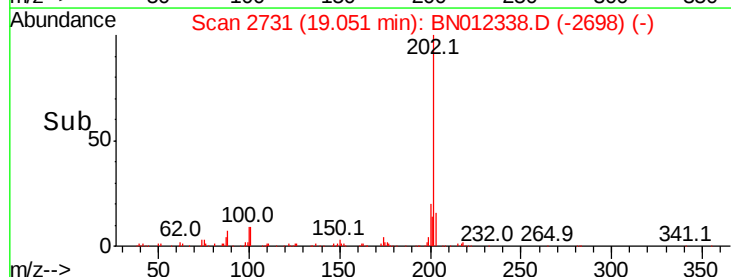
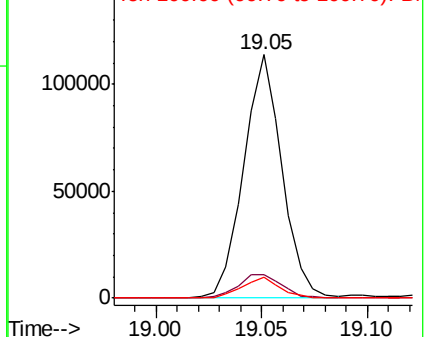
100 8.5 6.9 10.3

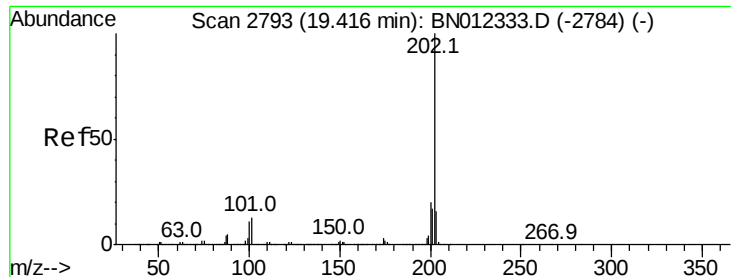


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

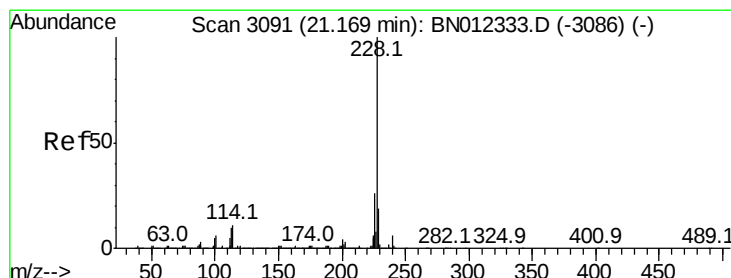
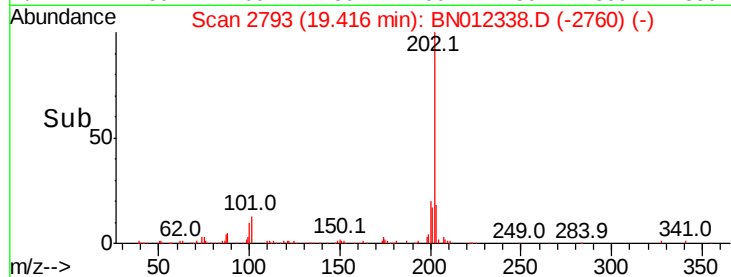
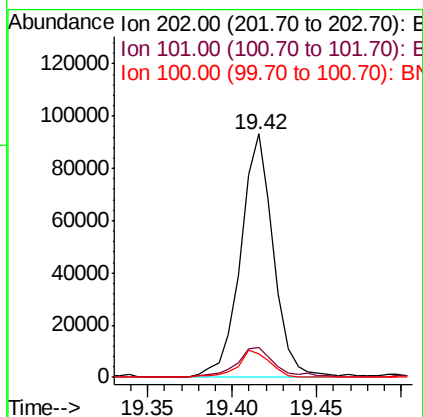
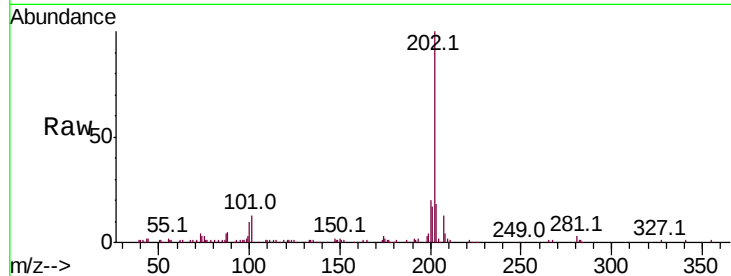




#80
 Pvrene
 Concen: 1.779 ng/ul
 RT: 19.42 min Scan# 2793
 Delta R.T. -0.01 min
 Lab File: BN012338.D
 Acq: 18 Oct 2020 20:12

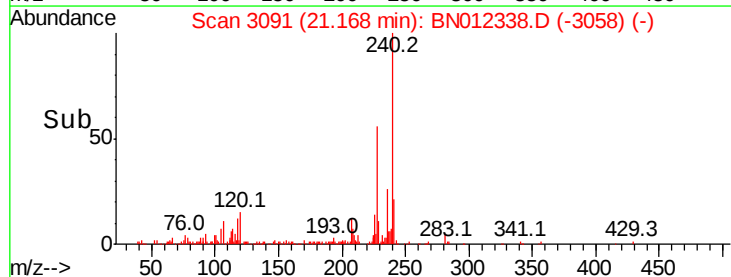
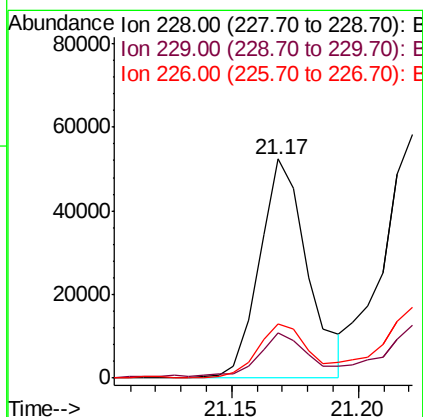
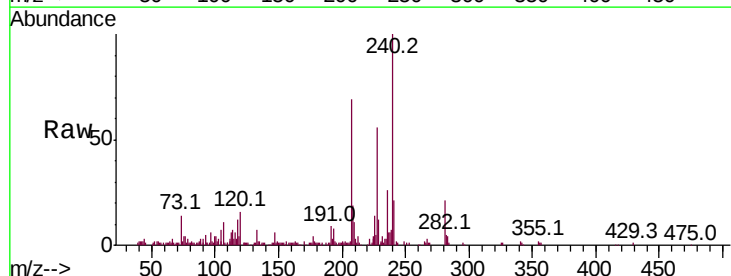
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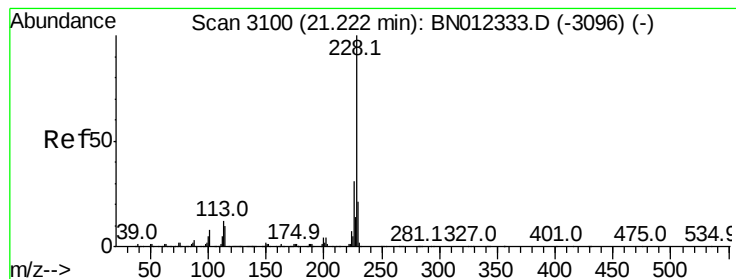
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.5	11.2	16.8
100	9.6	8.9	13.3



#83
 Benzo(a)anthracene
 Concen: 1.085 ng/ul
 RT: 21.17 min Scan# 3091
 Delta R.T. -0.01 min
 Lab File: BN012338.D
 Acq: 18 Oct 2020 20:12

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.9	23.9
226	25.0	23.5	35.3





#85

Chrysene

Concen: 1.264 ng/ul

RT: 21.22 min Scan# 3100

Delta R.T. -0.01 min

Lab File: BN012338.D

Acq: 18 Oct 2020 20:12

Instrument :

BNA_N

ClientSampleId :

BEQC5

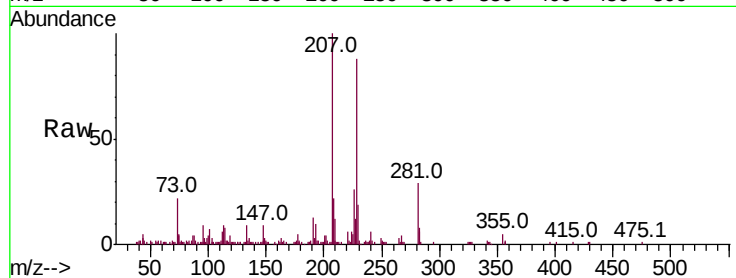
Tot Ion: 228 Resp: 79061

Ion Ratio Lower Upper

228 100

226 29.1 21.8 32.6

229 21.6 14.6 21.8



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

