

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 04:01:48 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	0.00	96	0d	0.00	ng/uL	
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	0.00	131	0d	0.00	ng/ul	
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	0.00	188	0d	0.00	ng/ul	
79) Pyrene-d10	0.00	212	0d	0.00	ng/ul	
90) Benzo(a)pyrene-d12	0.00	264	0d	0.00	ng/ul	

Target Compounds

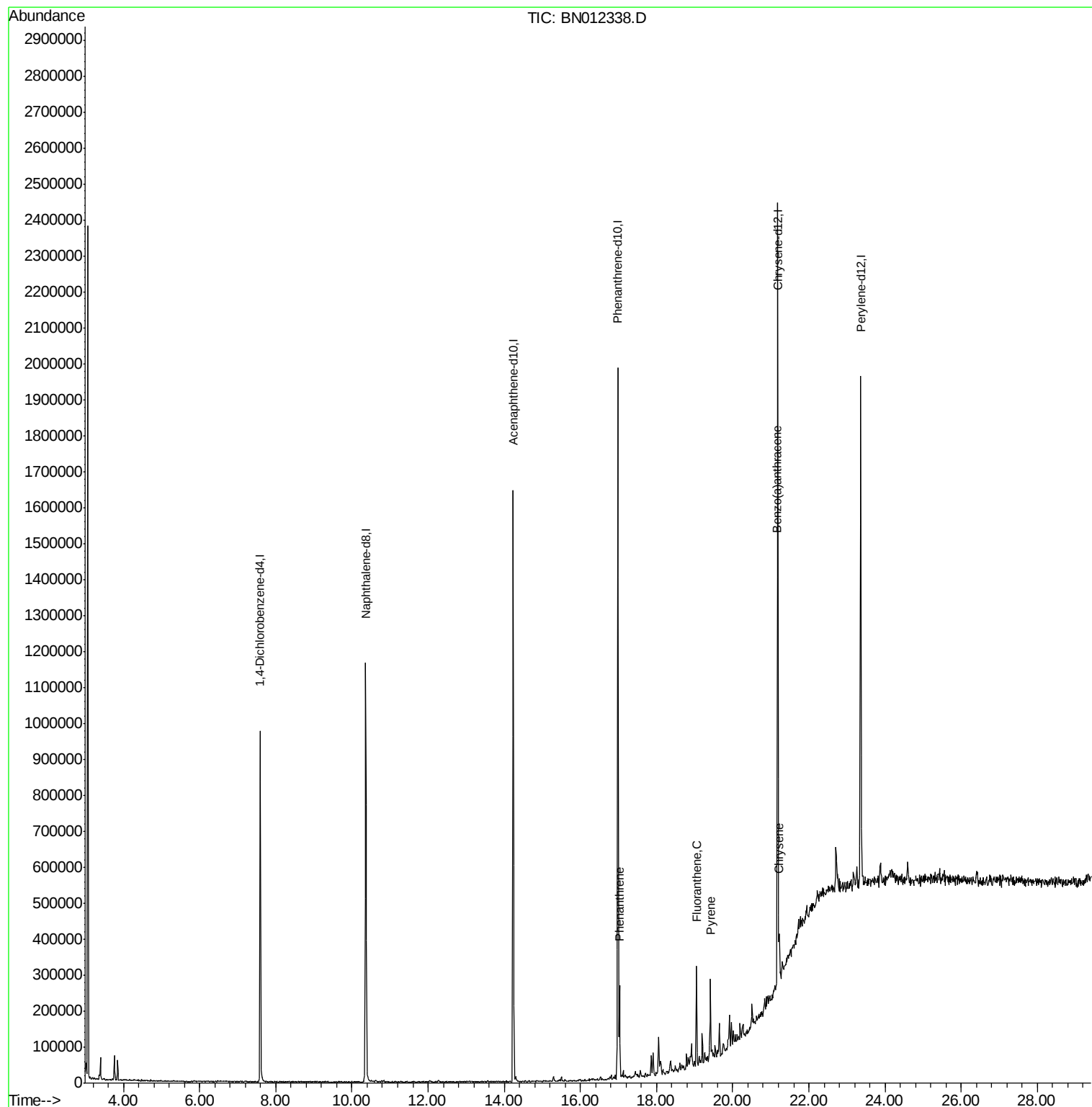
					Ovalue
70) Phenanthrene	17.03	178	137056	2.125 ng/ul	98
77) Fluoranthene	19.05	202	143892	1.945 ng/ul	98
80) Pyrene	19.42	202	125034	1.779 ng/ul	96
83) Benzo(a)anthracene	21.17	228	69235	1.085 ng/ul	94
85) Chrysene	21.22	228	79061	1.264 ng/ul	95

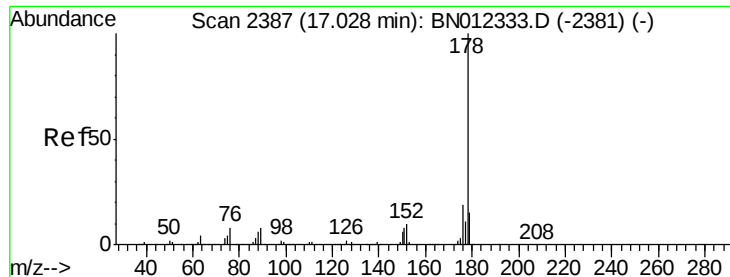
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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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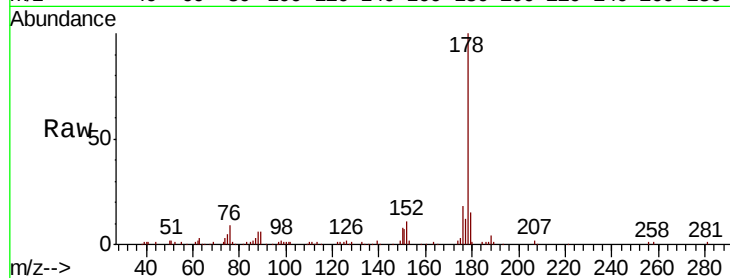
Tot Ion:178 Resp: 137056

Ion Ratio Lower Upper

178 100

179 15.1 12.6 18.8

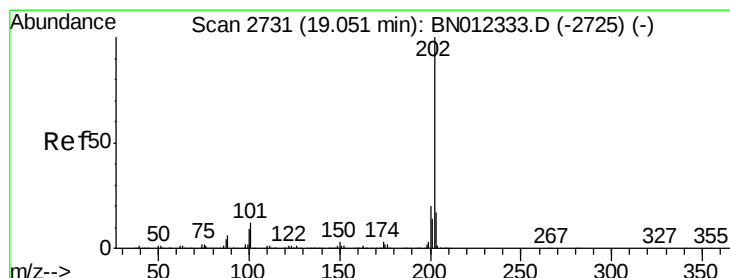
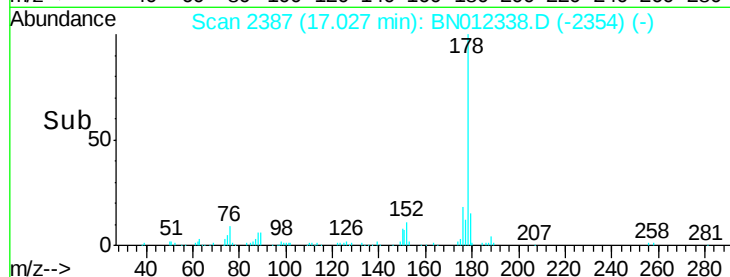
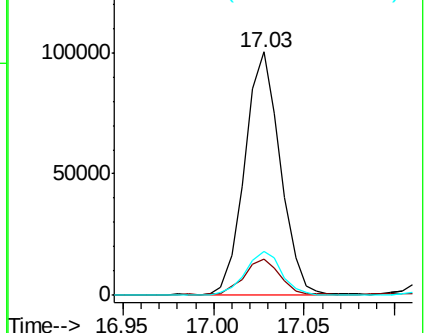
176 18.0 15.3 22.9



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

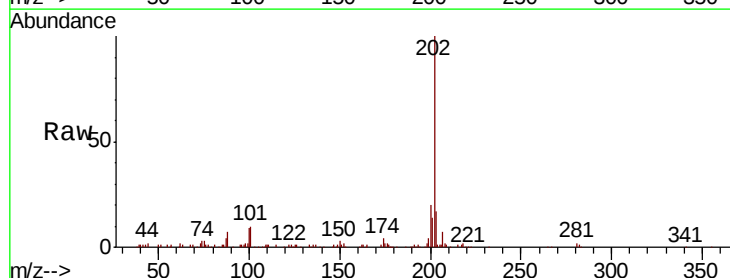
Tgt Ion:202 Resp: 143892

Ion Ratio Lower Upper

202 100

101 9.8 8.7 13.1

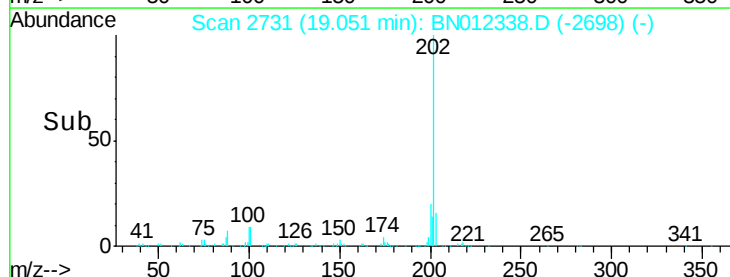
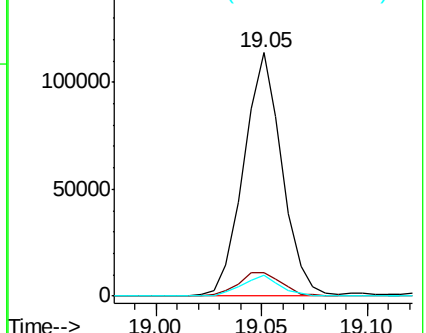
100 8.5 6.9 10.3

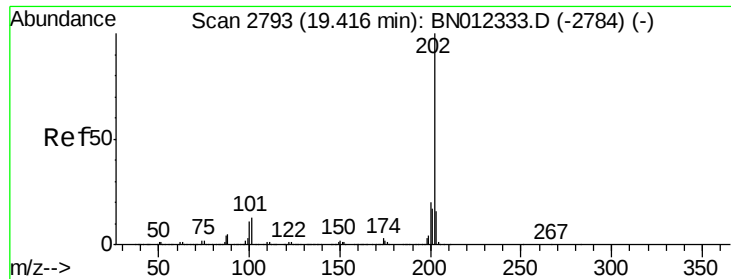


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

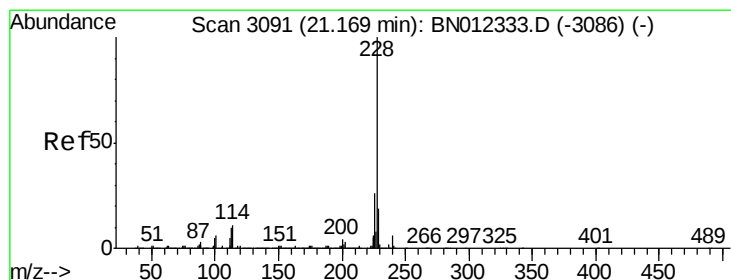
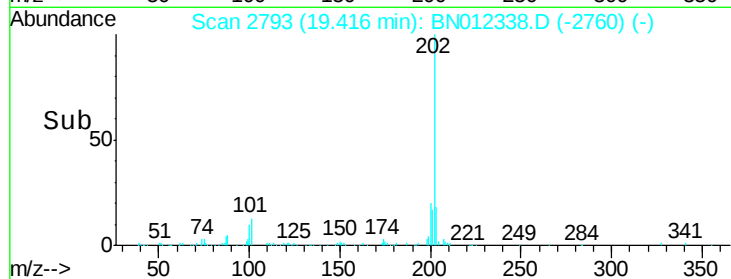
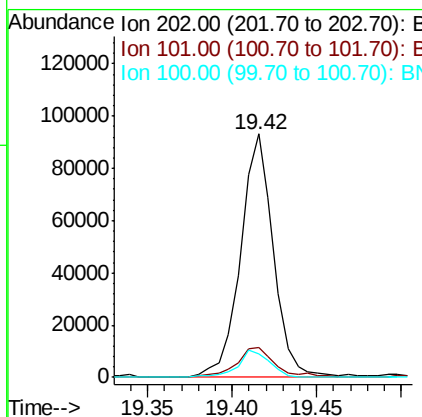
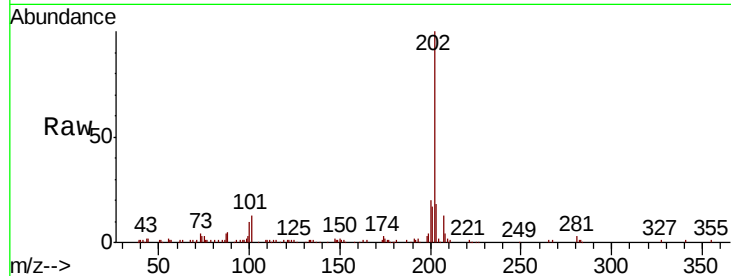




#80
Pvrene
Concen: 1.779 ng/ul
RT: 19.42 min Scan# 2793
Delta R.T. -0.01 min
Lab File: BN012338.D
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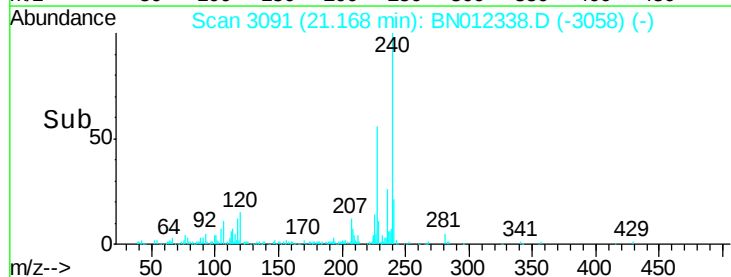
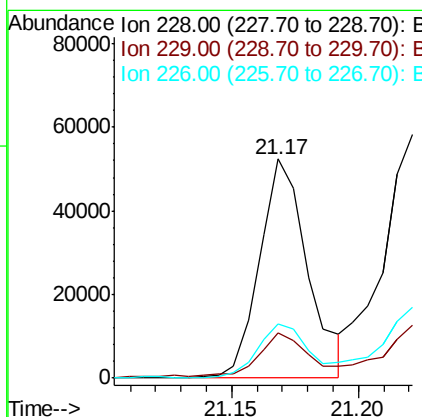
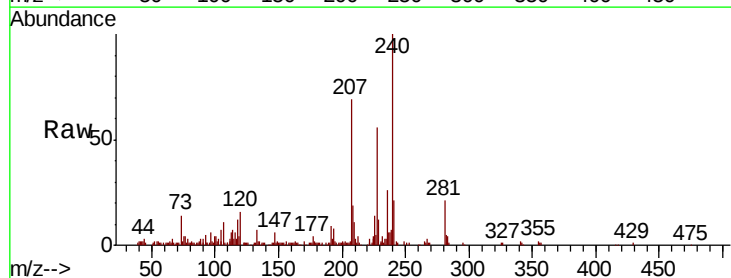
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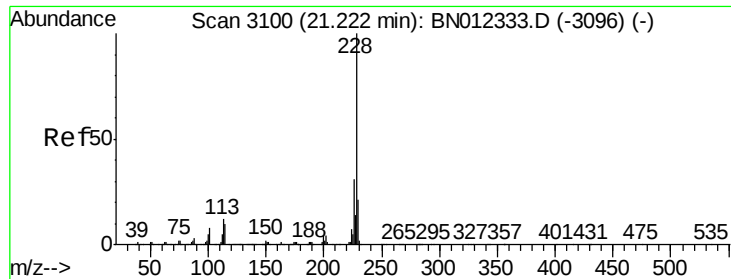
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.5	11.2	16.8
100	9.6	8.9	13.3



#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	Ion	Ratio	Lower	Upper
228	100			
226	29.1	21.8	32.6	
229	21.6	14.6	21.8	

