

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101720\
 Data File : BN012314.D
 Acq On : 18 Oct 2020 04:34
 Operator : CG/JU
 Sample : L4235-09
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AK5

Quant Time: Oct 19 01:05:14 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN101720.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 19 01:01:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	226633	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	941913	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.24	164	597162	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.99	188	1229563	20.00	ng/ul	0.00
78) Chrysene-d12	21.19	240	1186280	20.00	ng/ul	0.00
86) Perylene-d12	23.36	264	1243196	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	12614	2.56	ng/uL	0.00
5) Phenol-d5	6.78	99	200562	9.84	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	164503	13.53	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	186121	11.70	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	142568	8.71	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	101013	12.74	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	112216	12.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	171968	10.69	ng/ul	0.00
29) 4-Chloroaniline-d4	10.52	131	217850	11.02	ng/ul	0.00
44) Dimethylphthalate-d6	13.66	166	675840	13.95	ng/ul	0.00
47) Acenaphthylene-d8	13.93	160	733555	12.61	ng/ul	0.00
52) 4-Nitrophenol-d4	14.46	143	38322	4.14	ng/ul	0.00
58) Fluorene-d10	15.24	176	530699	12.81	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.36	200	50234	5.83	ng/ul	0.00
71) Anthracene-d10	17.09	188	764550	12.65	ng/ul	0.00
79) Pyrene-d10	19.39	212	849566	13.25	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.22	264	891387	12.42	ng/ul	0.00

Target Compounds

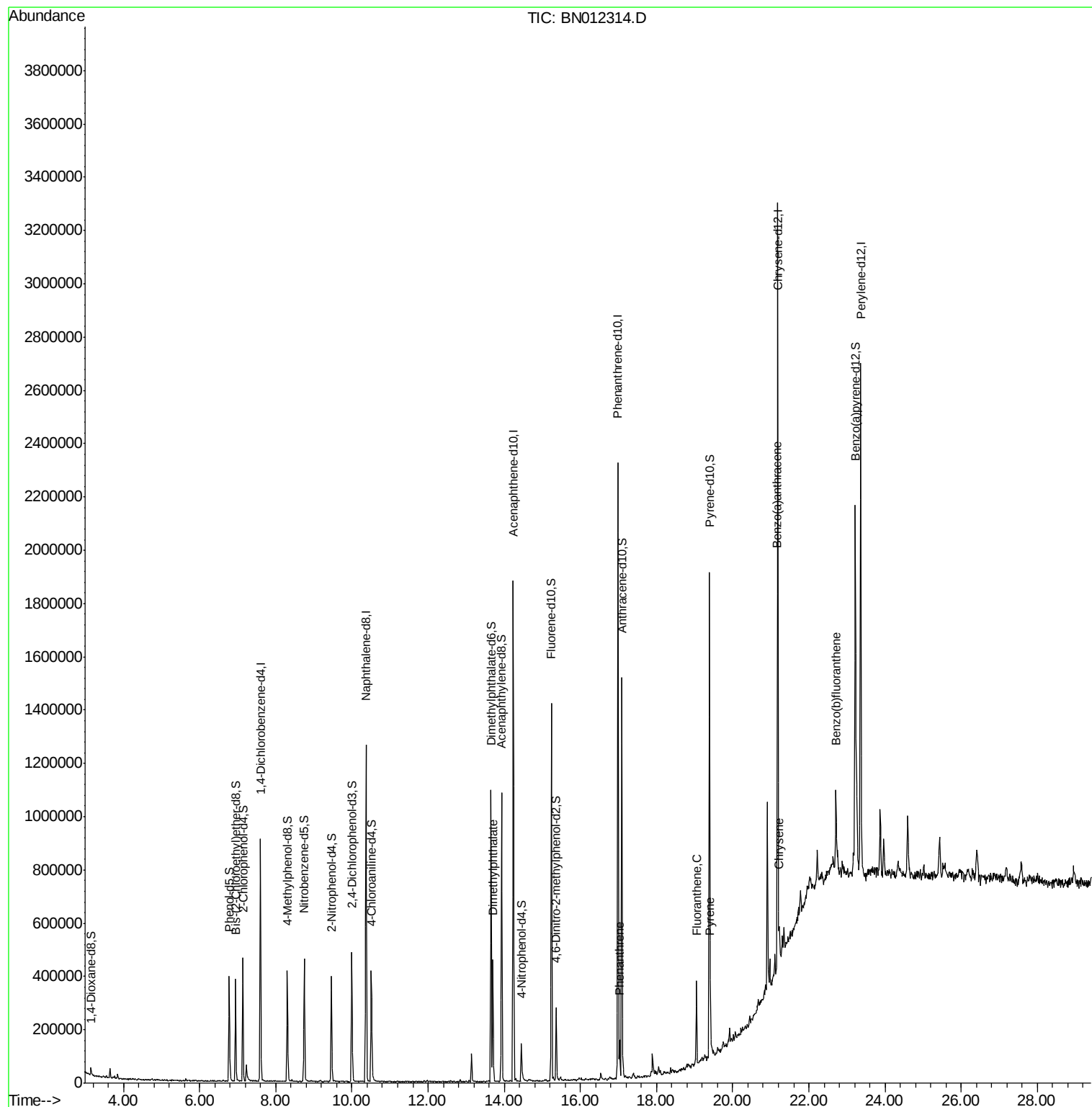
					Ovalue	
45) Dimethylphthalate	13.70	163	266390	5.274	ng/ul	100
70) Phenanthrene	17.03	178	76843	1.016	ng/ul	98
77) Fluoranthene	19.05	202	163245	1.882	ng/ul	98
80) Pyrene	19.42	202	137481	1.533	ng/ul	99
83) Benzo(a)anthracene	21.17	228	89235	1.096	ng/ul	98
85) Chrysene	21.22	228	81438	1.021	ng/ul	96
88) Benzo(b)fluoranthene	22.71	252	98371	1.127	ng/ul#	86

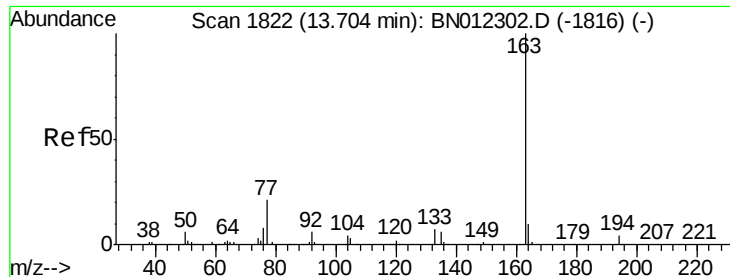
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#45

Dimethylphthalate

Concen: 5.274 ng/ul

RT: 13.70 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BN012314.D

Acq: 18 Oct 2020 04:34

Instrument :

BNA_N

ClientSampled :

C0AK5

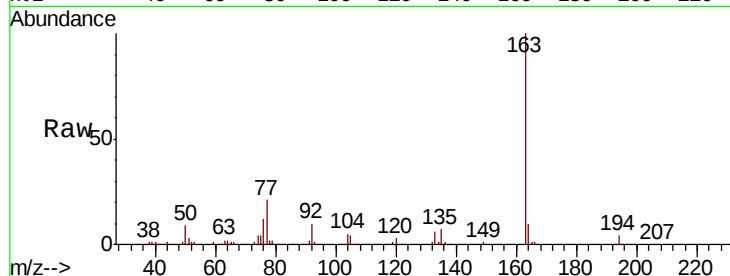
Tot Ion:163 Resp: 266390

Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

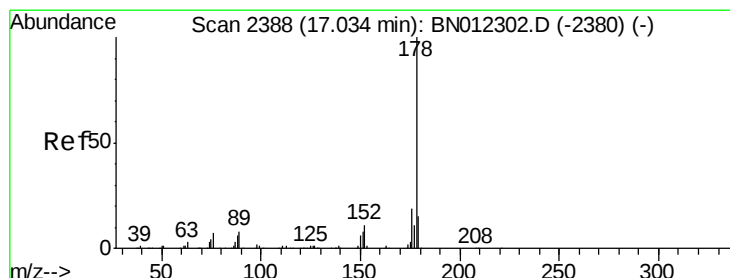
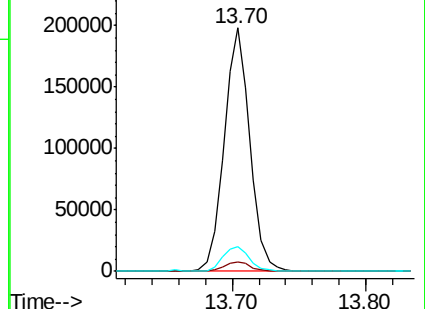
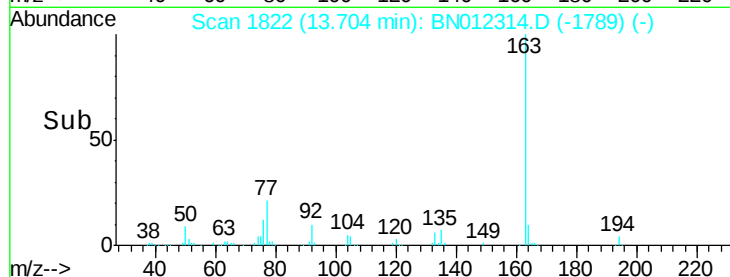
164 10.1 7.9 11.9



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: 1.016 ng/ul

RT: 17.03 min Scan# 2387

Delta R.T. -0.01 min

Lab File: BN012314.D

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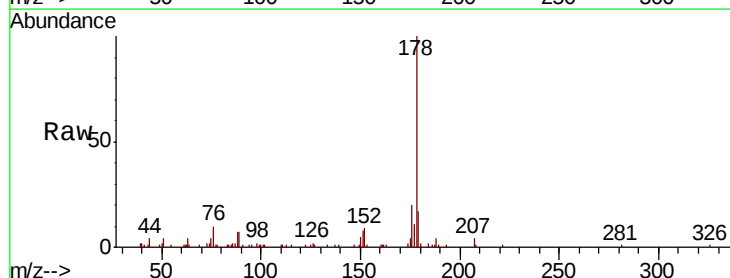
Tgt Ion:178 Resp: 76843

Ion Ratio Lower Upper

178 100

179 16.6 12.6 18.8

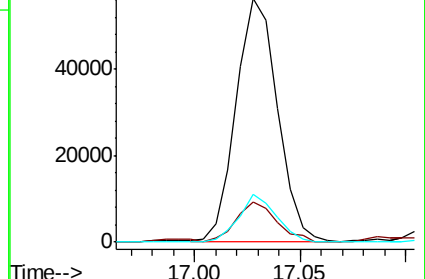
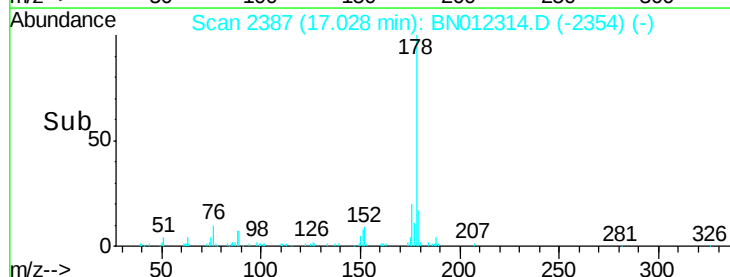
176 19.9 15.3 22.9

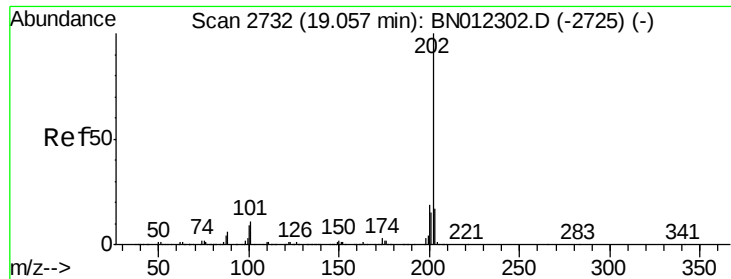


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

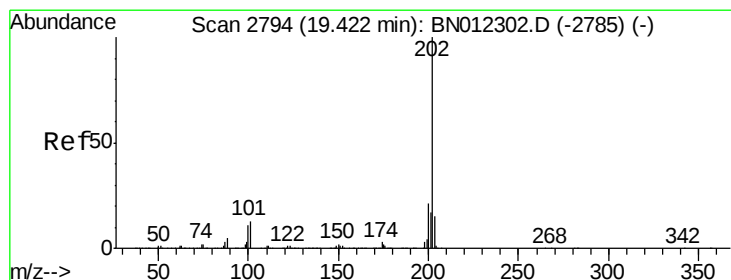
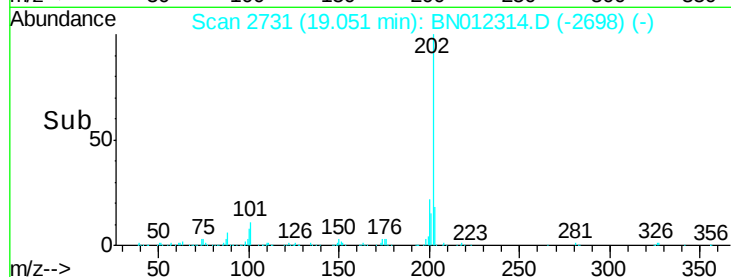
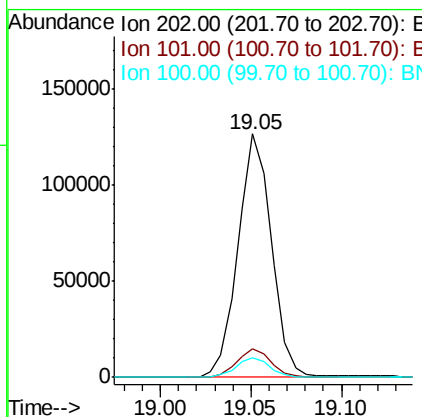
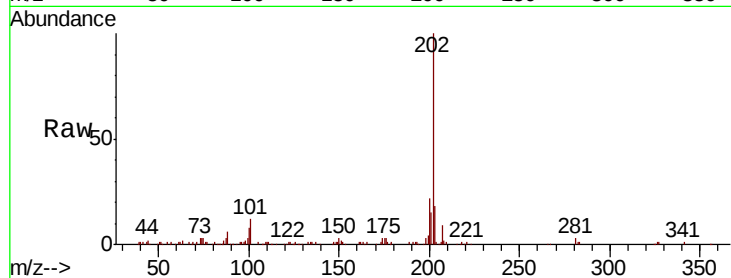




#77
 Fluoranthene
 Concen: 1.882 ng/ul
 RT: 19.05 min Scan# 2731
 Delta R.T. -0.01 min
 Lab File: BN012314.D
 Acq: 18 Oct 2020 04:34

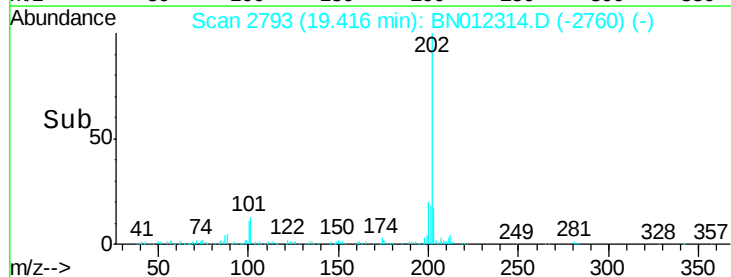
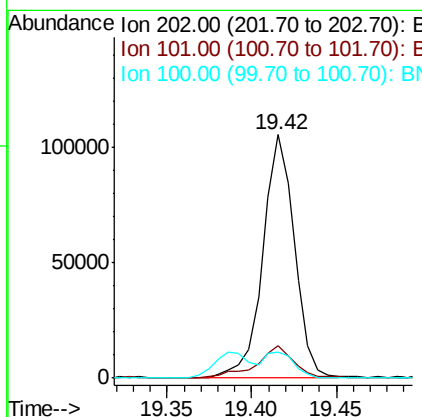
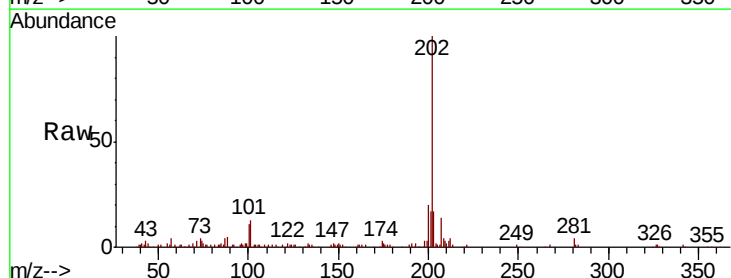
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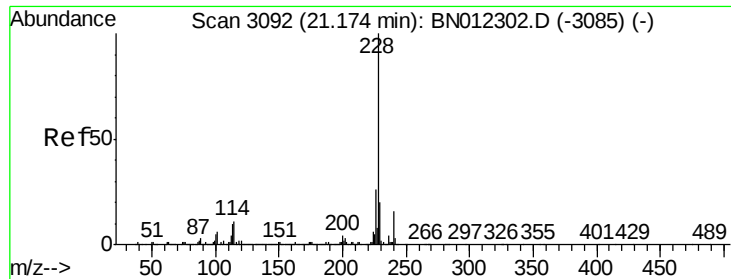
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.8	8.7	13.1
100	8.2	6.9	10.3



#80
 Pyrene
 Concen: 1.533 ng/ul
 RT: 19.42 min Scan# 2793
 Delta R.T. -0.01 min
 Lab File: BN012314.D
 Acq: 18 Oct 2020 04:34

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.4	11.2	16.8
100	10.8	8.9	13.3

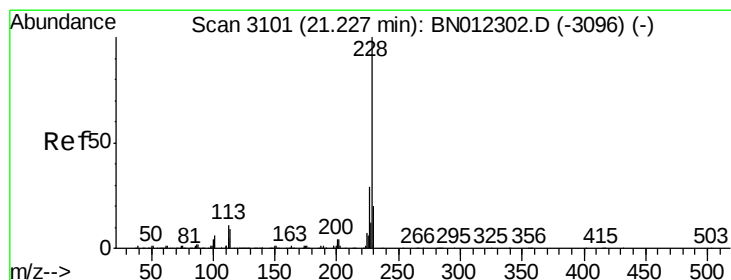
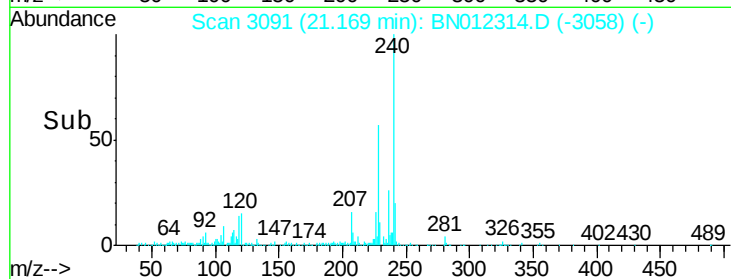
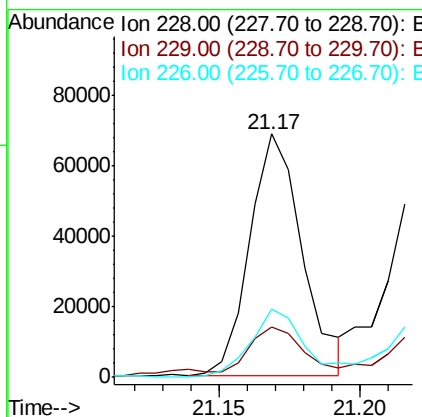
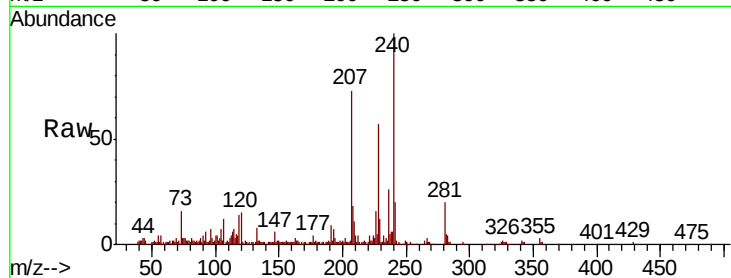




#83
Benzo(a)anthracene
Concen: 1.096 ng/ul
RT: 21.17 min Scan# 3091
Delta R.T. -0.01 min
Lab File: BN012314.D
Acq: 18 Oct 2020 04:34

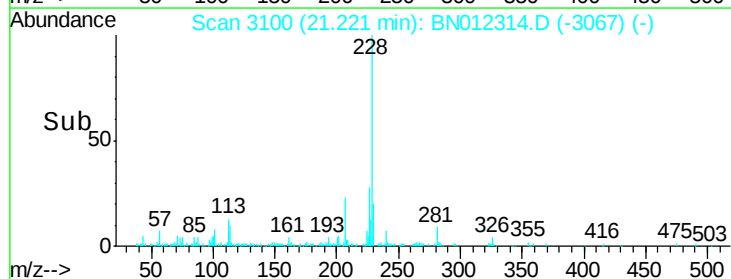
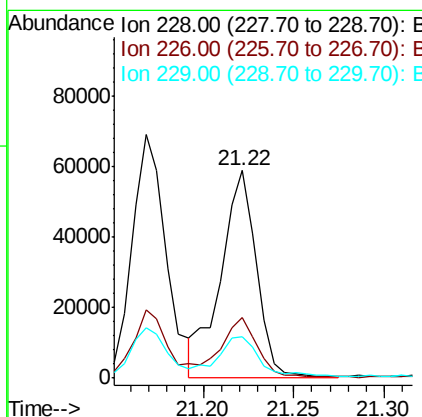
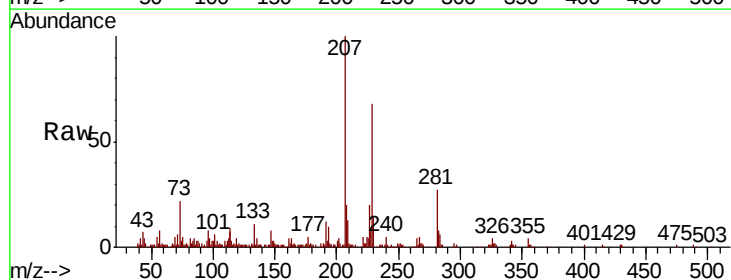
Instrument :
BNA_N
ClientSampleId :
C0AK5

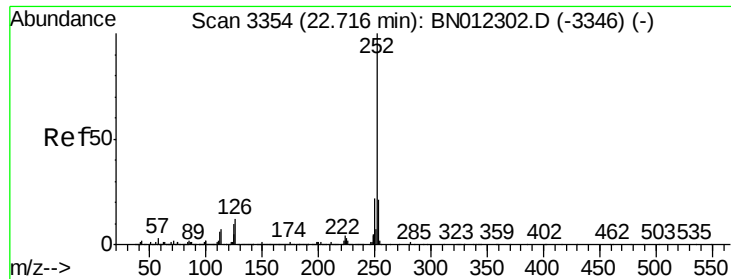
Tot Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.9	23.9
226	28.0	23.5	35.3



#85
Chrysene
Concen: 1.021 ng/ul
RT: 21.22 min Scan# 3100
Delta R.T. -0.01 min
Lab File: BN012314.D
Acq: 18 Oct 2020 04:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.0	21.8	32.6
229	20.1	14.6	21.8





#88

Benzo(b)fluoranthene

Concen: 1.127 ng/ul

RT: 22.71 min Scan# 3353

Delta R.T. -0.01 min

Lab File: BN012314.D

Acq: 18 Oct 2020 04:34

Instrument :

BNA_N

ClientSampleId :

C0AK5

Tot Ion:252 Resp: 98371

Ion Ratio Lower Upper

252 100

253 27.5 17.3 25.9#

125 16.7 7.9 11.9#

