

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101720\
 Data File : BN012305.D
 Acq On : 17 Oct 2020 23:10
 Operator : CG/JU
 Sample : L4235-15
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AQ0

Quant Time: Oct 19 01:04:10 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	257248	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	1053576	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.24	164	638250	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.99	188	1283055	20.00	ng/ul	0.00
78) Chrysene-d12	21.19	240	1233079	20.00	ng/ul	0.00
86) Perylene-d12	23.36	264	1297517	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	13931	2.49	ng/uL	0.00
5) Phenol-d5	6.78	99	233309	10.09	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	161351	11.69	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	198840	11.01	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	193458	10.42	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	98317	11.08	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	106926	10.65	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	177468	9.86	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	218286	9.87	ng/ul	0.00
44) Dimethylphthalate-d6	13.66	166	641593	12.39	ng/ul	0.00
47) Acenaphthylene-d8	13.93	160	667973	10.75	ng/ul	0.00
52) 4-Nitrophenol-d4	14.45	143	57162	5.78	ng/ul	0.00
58) Fluorene-d10	15.24	176	490641	11.08	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.36	200	58998	6.56	ng/ul	0.00
71) Anthracene-d10	17.09	188	697838	11.07	ng/ul	0.00
79) Pyrene-d10	19.39	212	744857	11.17	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.22	264	777111	10.37	ng/ul	0.00

Target Compounds

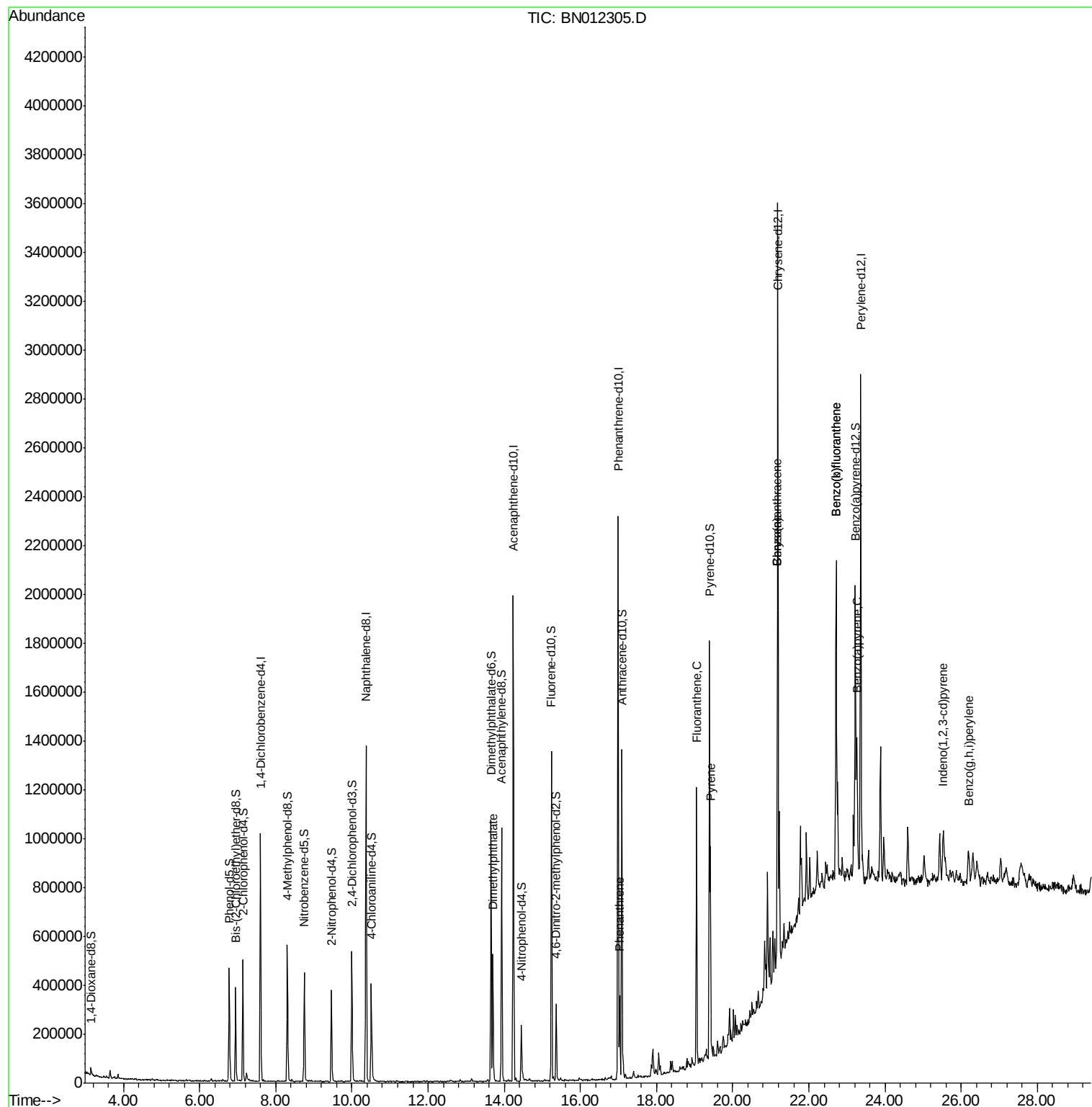
					Ovalue	
45) Dimethylphthalate	13.70	163	296782	5.498	ng/ul	99
70) Phenanthrene	17.03	178	185181	2.347	ng/ul	100
77) Fluoranthene	19.05	202	617597	6.825	ng/ul	98
80) Pyrene	19.42	202	470576	5.048	ng/ul	97
83) Benzo(a)anthracene	21.17	228	273921	3.237	ng/ul	97
85) Chrysene	21.17	228	274137	3.305	ng/ul	98
88) Benzo(b)fluoranthene	22.72	252	412448	4.526	ng/ul#	96
89) Benzo(k)fluoranthene	22.72	252	412448	4.661	ng/ul#	97
91) Benzo(a)pyrene	23.27	252	243212	2.912	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.53	276	184763	1.737	ng/ul	98
94) Benzo(g,h,i)perylene	26.20	276	140647	1.589	ng/ul#	91

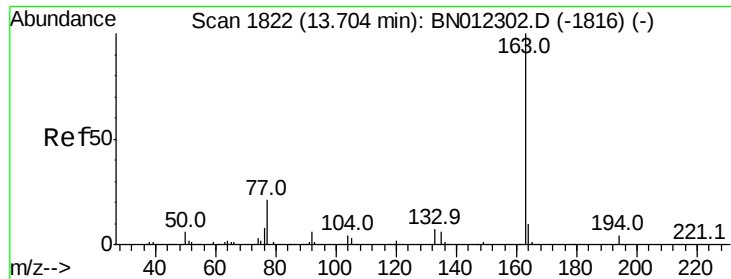
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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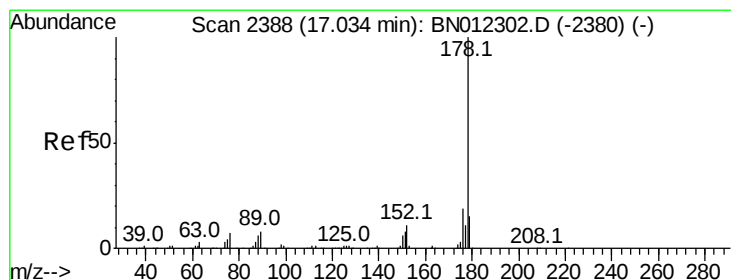
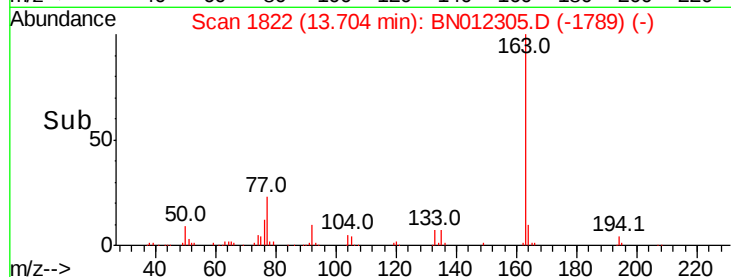
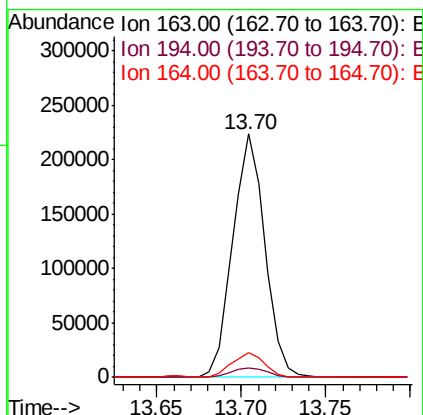
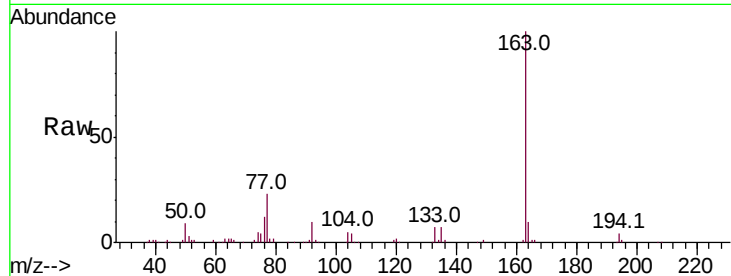




#45
Dimethylphthalate
Concen: 5.498 ng/ul
RT: 13.70 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BN012305.D
Acq: 17 Oct 2020 23:10

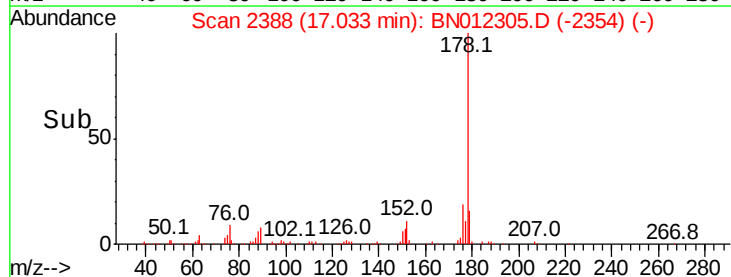
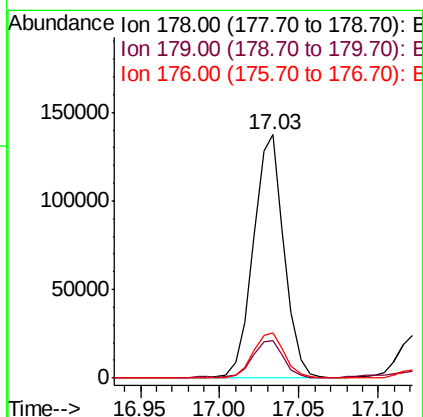
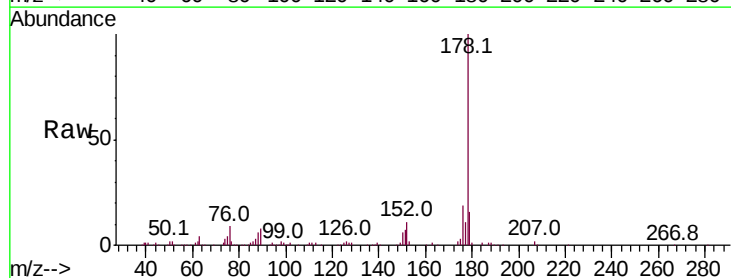
Instrument :
BNA_N
ClientSampleId :
C0AQ0

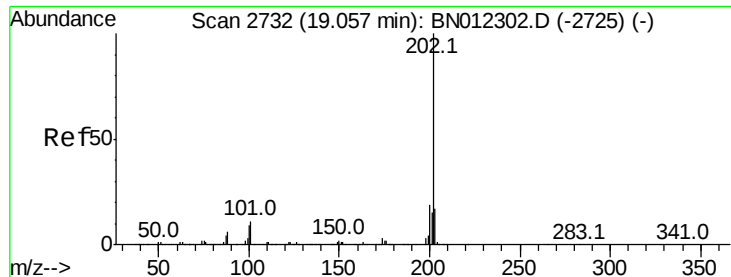
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	10.4	7.9	11.9



#70
Phenanthrene
Concen: 2.347 ng/ul
RT: 17.03 min Scan# 2388
Delta R.T. -0.00 min
Lab File: BN012305.D
Acq: 17 Oct 2020 23:10

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.6	18.8
176	18.8	15.3	22.9

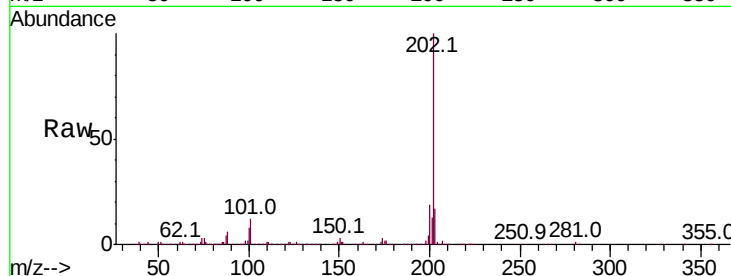




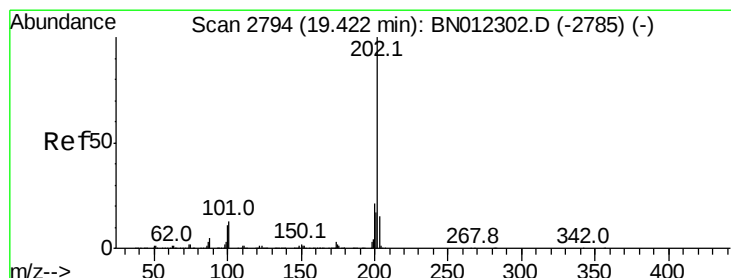
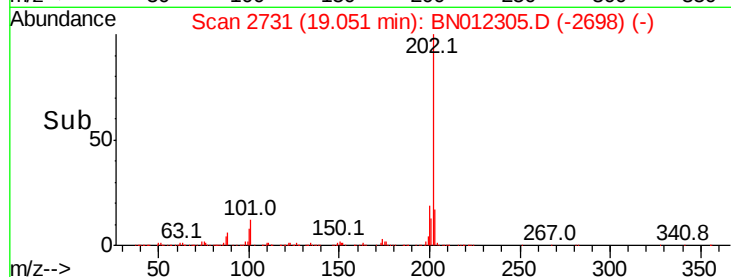
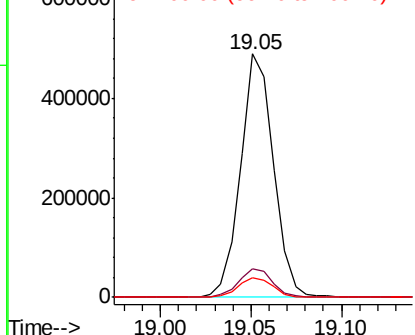
#77
 Fluoranthene
 Concen: 6.825 ng/ul
 RT: 19.05 min Scan# 2731
 Delta R.T. -0.01 min
 Lab File: BN012305.D
 Acq: 17 Oct 2020 23:10

Instrument :
 BNA_N
 ClientSampleId :
 C0AQ0

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.7	8.7	13.1
100	8.3	6.9	10.3

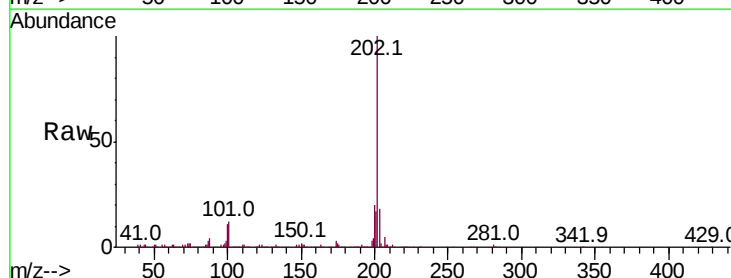


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

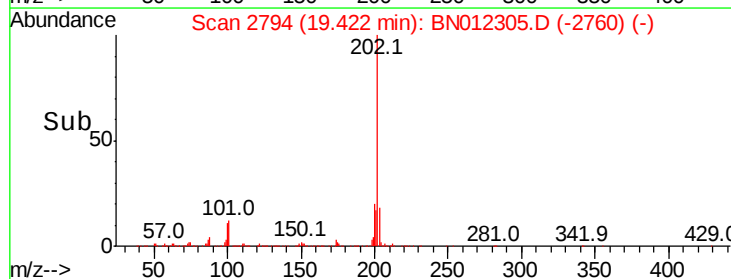
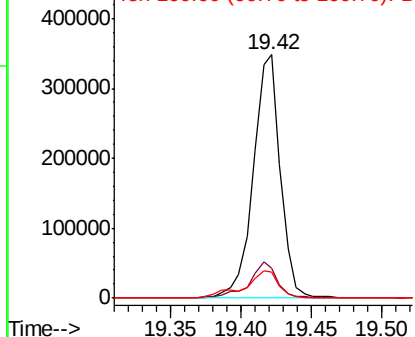


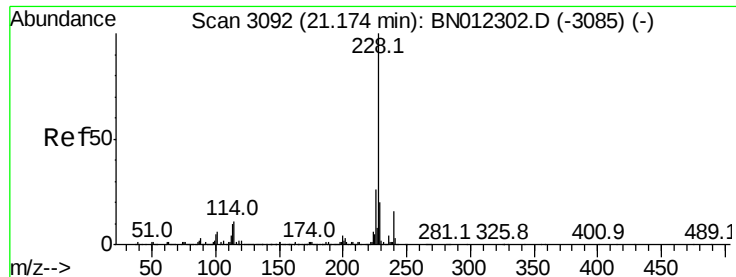
#80
 Pyrene
 Concen: 5.048 ng/ul
 RT: 19.42 min Scan# 2794
 Delta R.T. -0.00 min
 Lab File: BN012305.D
 Acq: 17 Oct 2020 23:10

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.4	11.2	16.8
100	10.5	8.9	13.3



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

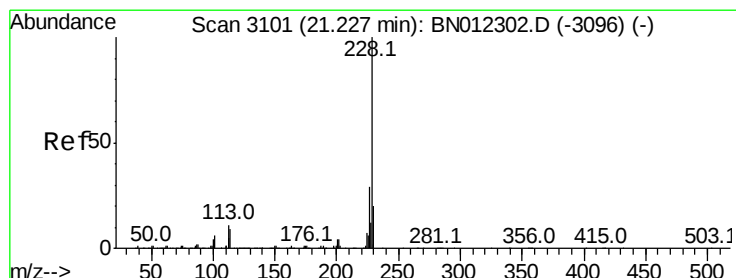
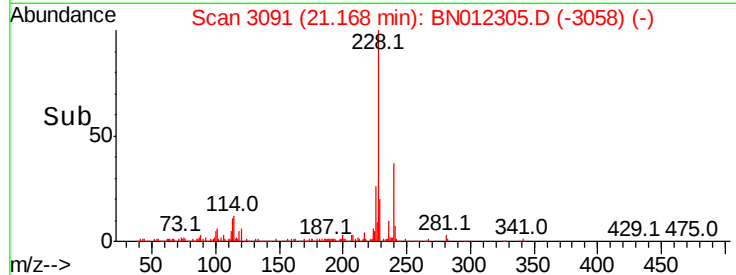
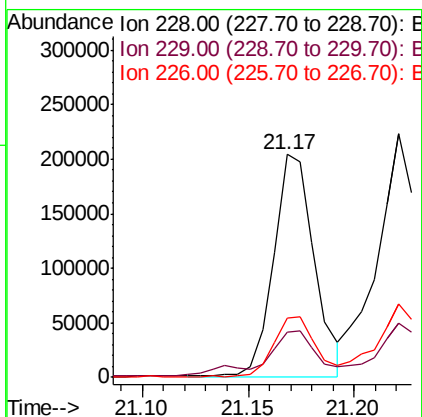
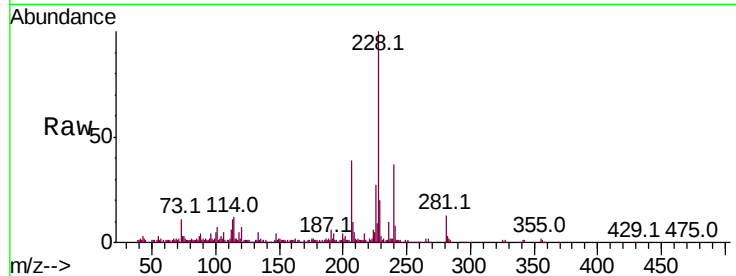




#83
Benzo(a)anthracene
Concen: 3.237 ng/ul
RT: 21.17 min Scan# 3091
Delta R.T. -0.01 min
Lab File: BN012305.D
Acq: 17 Oct 2020 23:10

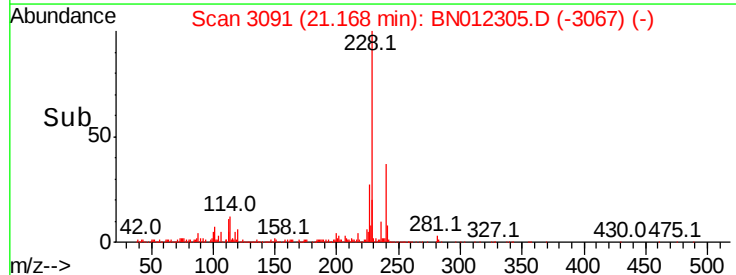
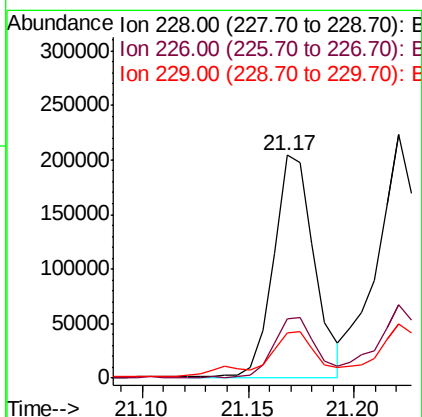
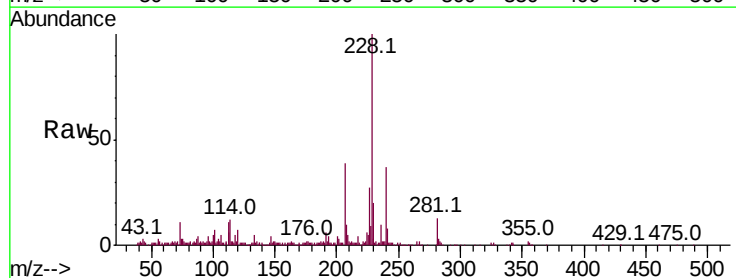
Instrument :
BNA_N
ClientSampleId :
C0AQ0

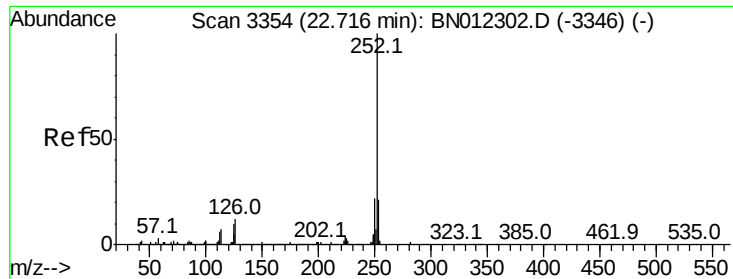
Tot Ion	Ratio	Lower	Upper
228	100		
229	20.2	15.9	23.9
226	26.7	23.5	35.3



#85
Chrysene
Concen: 3.305 ng/ul
RT: 21.17 min Scan# 3091
Delta R.T. -0.06 min
Lab File: BN012305.D
Acq: 17 Oct 2020 23:10

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.7	21.8	32.6
229	20.2	14.6	21.8





#88

Benzo(b)fluoranthene

Concen: 4.526 ng/ul

RT: 22.72 min Scan# 3354

Delta R.T. -0.01 min

Lab File: BN012305.D

Acq: 17 Oct 2020 23:10

Instrument :

BNA_N

ClientSampleId :

C0AQ0

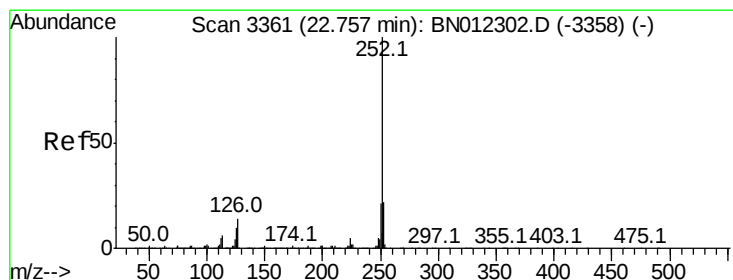
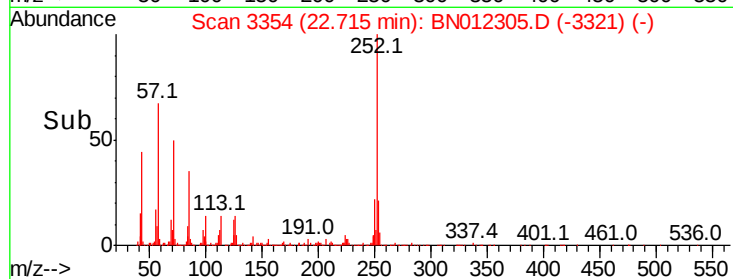
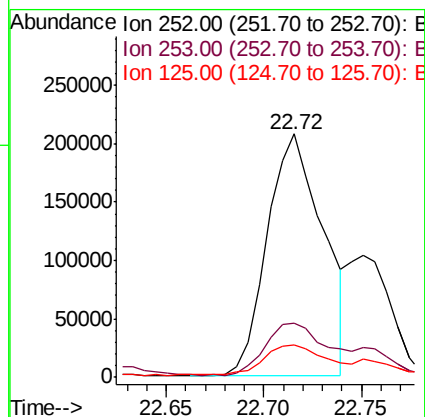
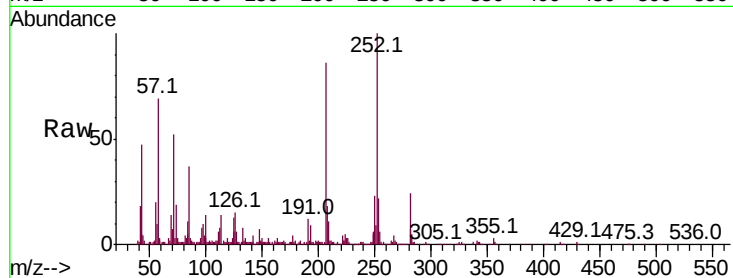
Tot Ion:252 Resp: 412448

Ion Ratio Lower Upper

252 100

253 22.1 17.3 25.9

125 13.3 7.9 11.9#



#89

Benzo(k)fluoranthene

Concen: 4.661 ng/ul

RT: 22.72 min Scan# 3354

Delta R.T. -0.05 min

Lab File: BN012305.D

Acq: 17 Oct 2020 23:10

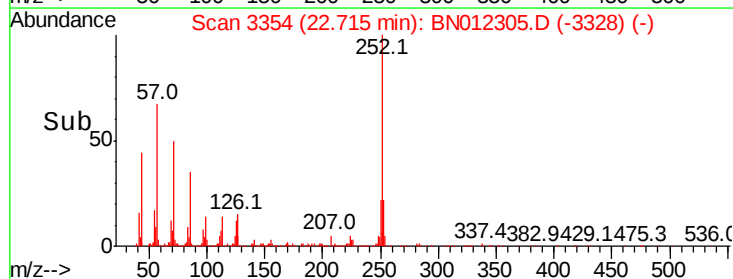
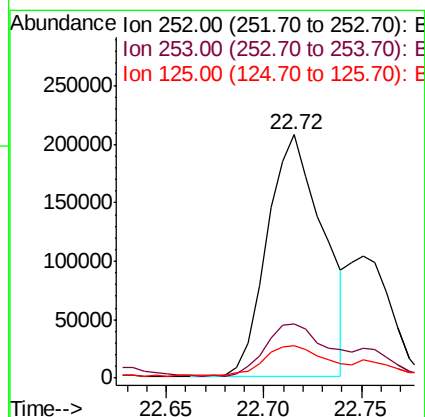
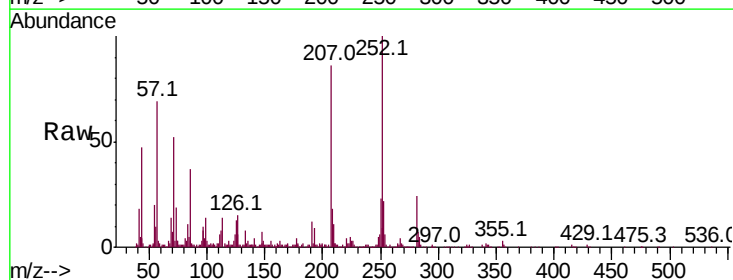
Tgt Ion:252 Resp: 412448

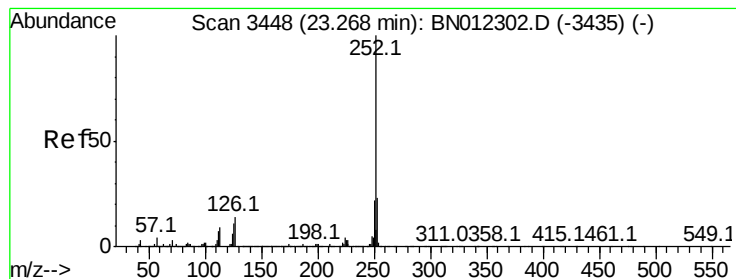
Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

125 13.3 7.6 11.4#





#91

Benzo(a)pyrene

Concen: 2.912 ng/ul

RT: 23.27 min Scan# 3448

Delta R.T. -0.01 min

Lab File: BN012305.D

Acq: 17 Oct 2020 23:10

Instrument :

BNA_N

ClientSampleId :

C0AQ0

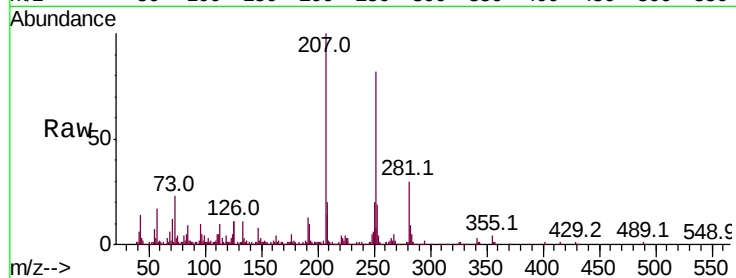
Tot Ion:252 Resp: 243212

Ion Ratio Lower Upper

252 100

253 23.5 18.2 27.4

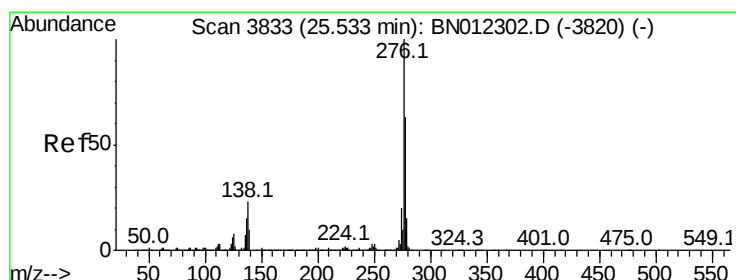
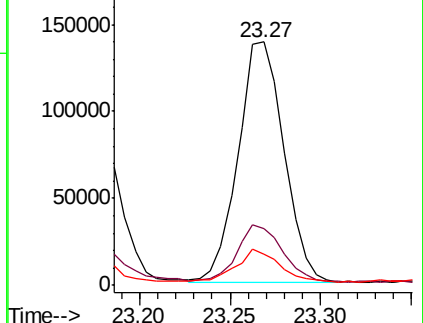
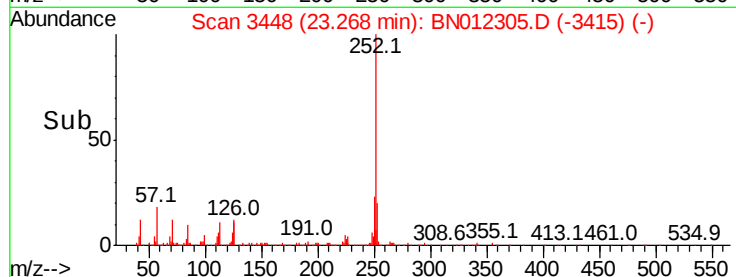
125 12.9 9.3 13.9



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: 1.737 ng/ul

RT: 25.53 min Scan# 3832

Delta R.T. -0.01 min

Lab File: BN012305.D

Acq: 17 Oct 2020 23:10

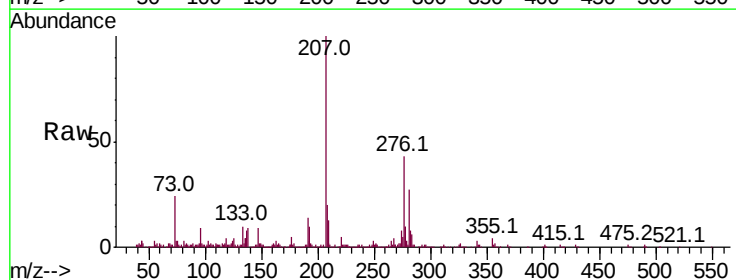
Tgt Ion:276 Resp: 184763

Ion Ratio Lower Upper

276 100

138 20.7 17.8 26.6

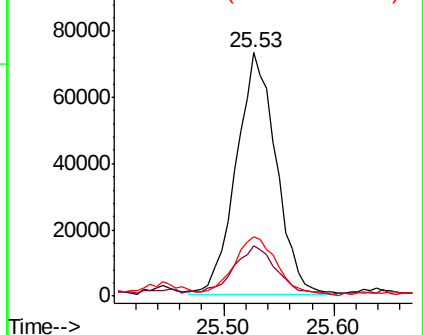
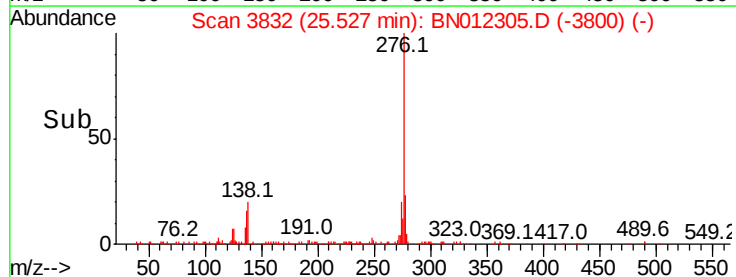
277 24.1 20.0 30.0

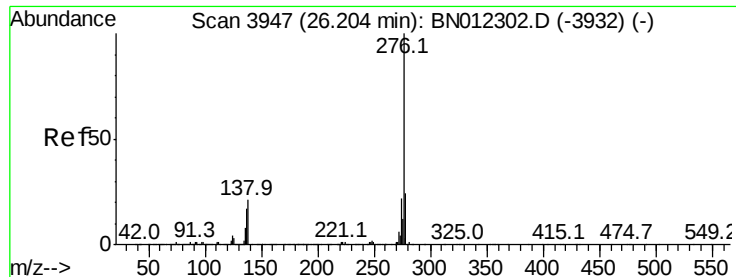


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#94

Benzo(a,h,i)perylene

Concen: 1.589 ng/ul

RT: 26.20 min Scan# 3946

Delta R.T. -0.01 min

Lab File: BN012305.D

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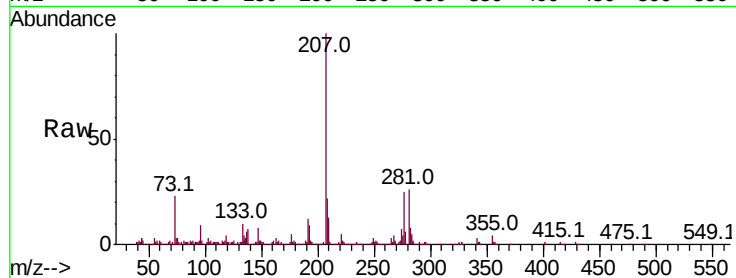
Tot Ion:276 Resp: 140647

Ion Ratio Lower Upper

276 100

138 26.3 16.8 25.2#

277 25.4 17.6 26.4



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

