

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\
 Data File : BN010524.D
 Acq On : 16 Apr 2020 19:46
 Operator : CG/JU
 Sample : L2191-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB7A1

Quant Time: Apr 17 01:22:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 16 10:21:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	453583	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	1999298	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.22	164	1298498	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.97	188	2918736	20.00	ng/ul	0.00
78) Chrysene-d12	21.17	240	2945213	20.00	ng/ul	0.00
86) Perylene-d12	23.34	264	2662190	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	62557	7.22	ng/uL	0.00
5) Phenol-d5	6.78	99	1325734	37.02	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	706362	38.99	ng/ul	0.00
9) 2-Chlorophenol-d4	7.14	132	1129475	36.99	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	1132421	37.50	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	585410	38.00	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	630804	36.74	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	1194578	35.50	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	1227863	31.82	ng/ul	0.00
44) Dimethylphthalate-d6	13.65	166	3792365	39.36	ng/ul	0.00
47) Acenaphthylene-d8	13.92	160	4548072	38.42	ng/ul	0.00
52) 4-Nitrophenol-d4	14.43	143	652947	34.81	ng/ul	0.00
58) Fluorene-d10	15.22	176	3358456	38.84	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.35	200	510471	33.48	ng/ul	0.00
71) Anthracene-d10	17.07	188	5257184	38.89	ng/ul	0.00
79) Pyrene-d10	19.37	212	6485812	39.01	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.21	264	5537894	40.10	ng/ul	0.00

Target Compounds

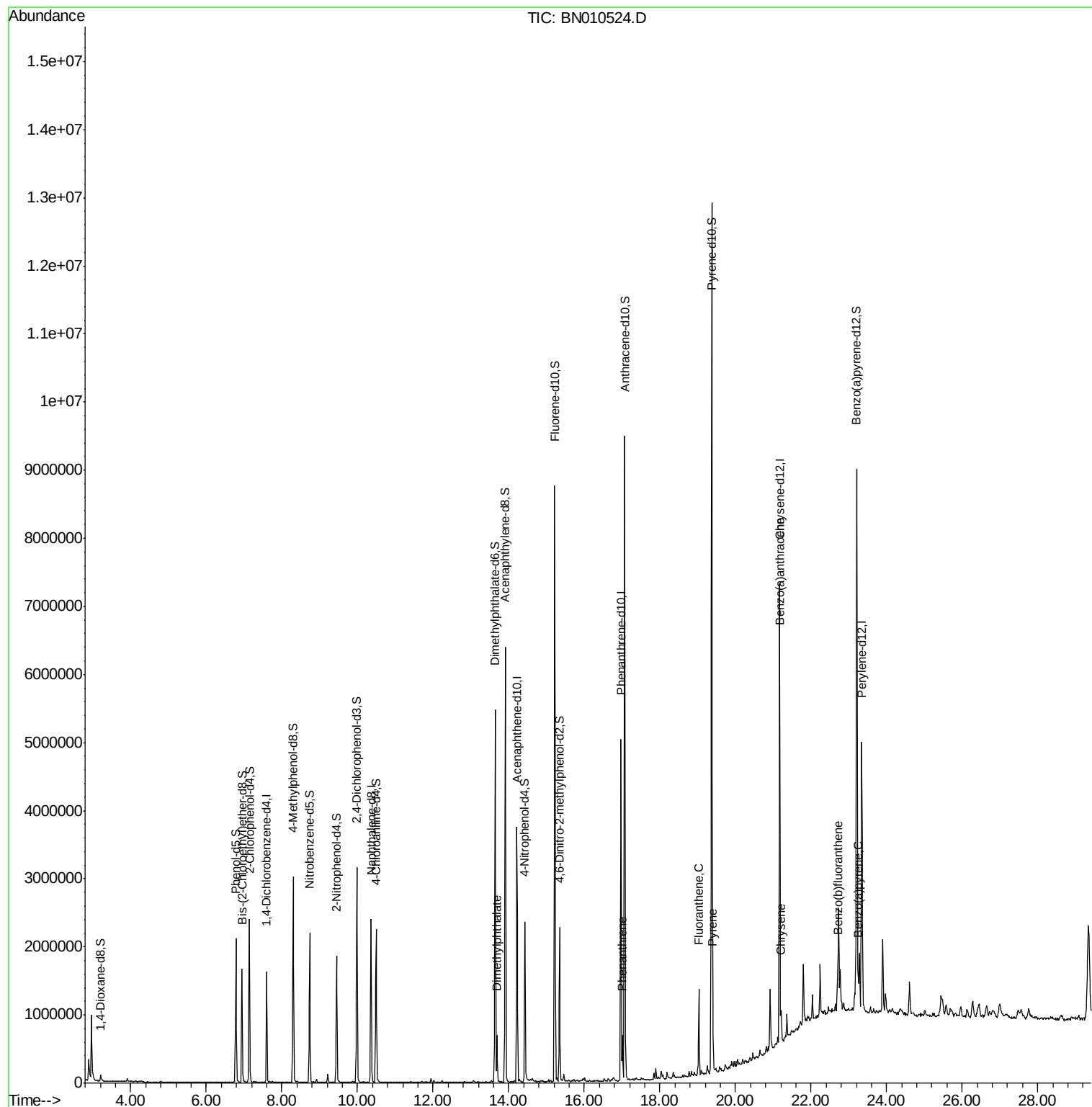
					Ovalue	
45) Dimethylphthalate	13.69	163	427212	4.271	ng/ul	99
70) Phenanthrene	17.01	178	386428	2.384	ng/ul	99
77) Fluoranthene	19.03	202	736435	4.182	ng/ul	97
80) Pyrene	19.40	202	604098	2.839	ng/ul	99
83) Benzo(a)anthracene	21.16	228	318543	1.559	ng/ul	99
85) Chrysene	21.21	228	321316	1.673	ng/ul	93
88) Benzo(b)fluoranthene	22.70	252	379264	2.183	ng/ul#	97
91) Benzo(a)pyrene	23.25	252	217009	1.406	ng/ul#	93

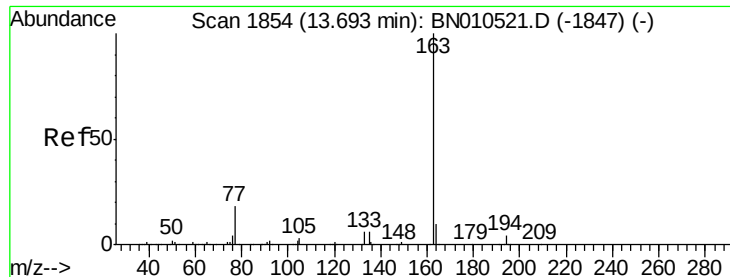
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#45

Dimethylphthalate

Concen: 4.271 ng/ul

RT: 13.69 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BN010524.D

Acq: 16 Apr 2020 19:46

Instrument :

BNA_N

ClientSampleId :

CB7A1

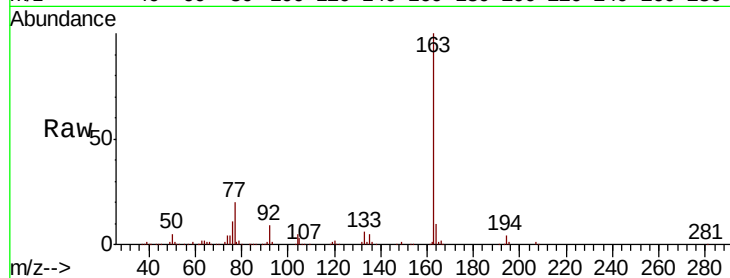
Tot Ion:163 Resp: 427212

Ion Ratio Lower Upper

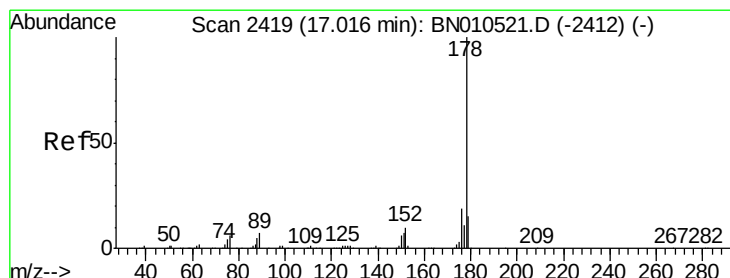
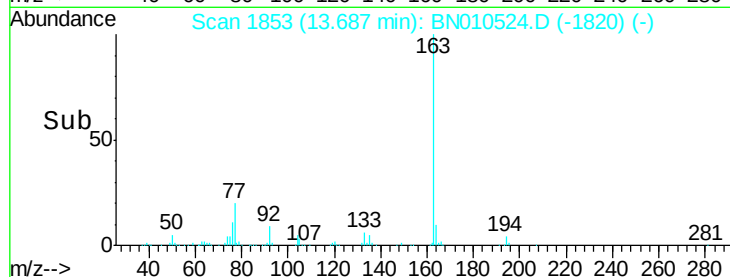
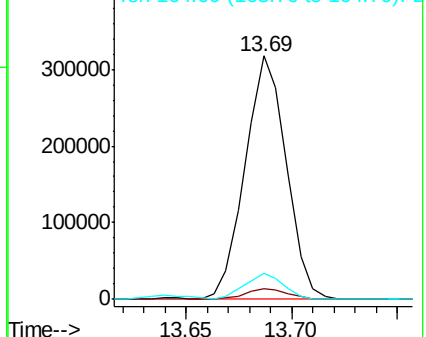
163 100

194 4.2 3.3 4.9

164 10.4 8.0 12.0



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: 2.384 ng/ul

RT: 17.01 min Scan# 2418

Delta R.T. -0.01 min

Lab File: BN010524.D

Acq: 16 Apr 2020 19:46

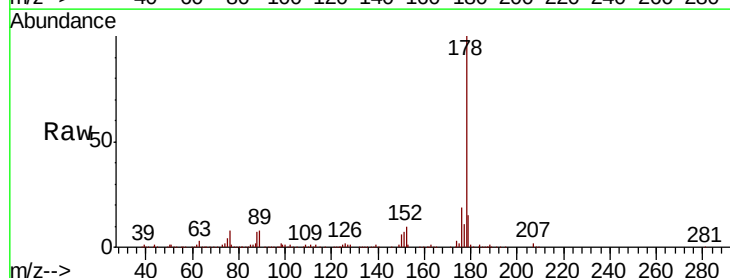
Tgt Ion:178 Resp: 386428

Ion Ratio Lower Upper

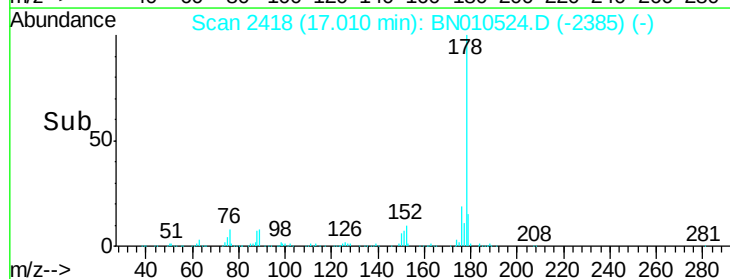
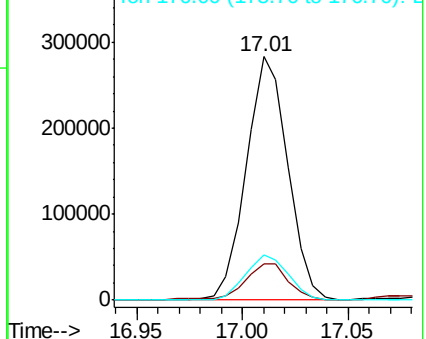
178 100

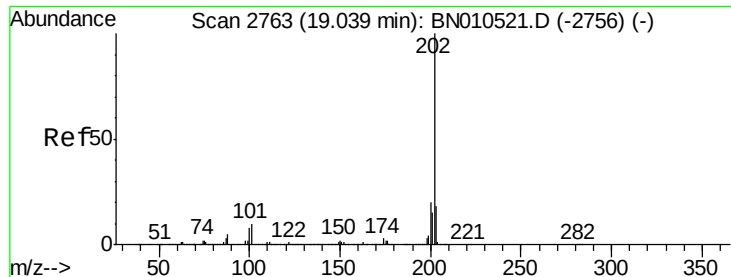
179 14.8 11.4 17.2

176 18.8 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: 4.182 ng/ul

RT: 19.03 min Scan# 2762

Delta R.T. -0.01 min

Lab File: BN010524.D

Acq: 16 Apr 2020 19:46

Instrument :

BNA_N

ClientSampleId :

CB7A1

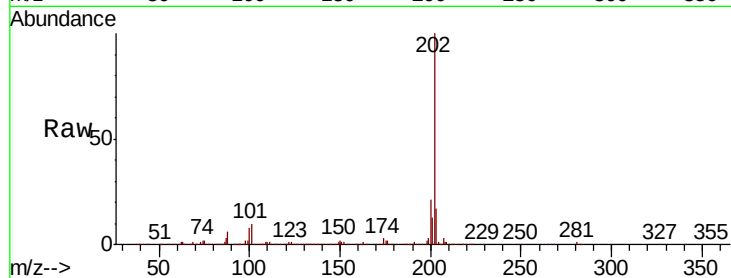
Tot Ion:202 Resp: 736435

Ion Ratio Lower Upper

202 100

101 9.8 7.1 10.7

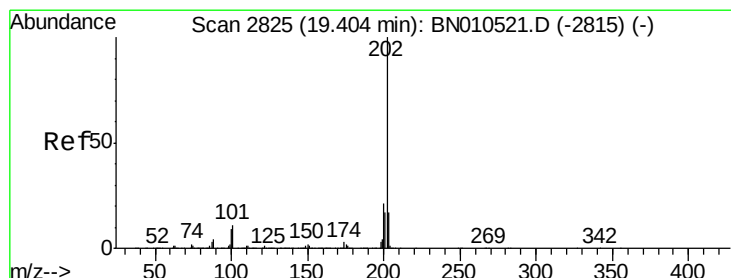
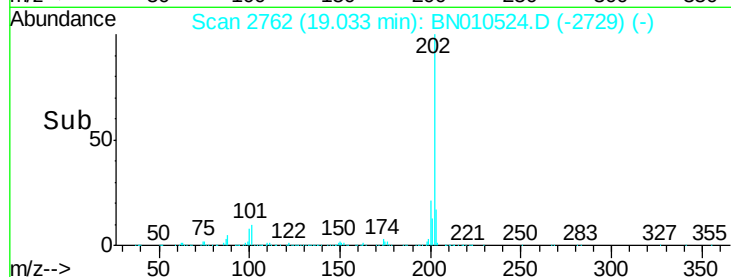
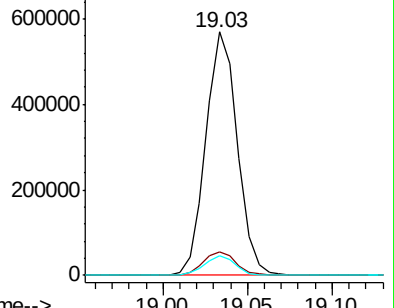
100 7.8 5.5 8.3



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: 2.839 ng/ul

RT: 19.40 min Scan# 2825

Delta R.T. -0.00 min

Lab File: BN010524.D

Acq: 16 Apr 2020 19:46

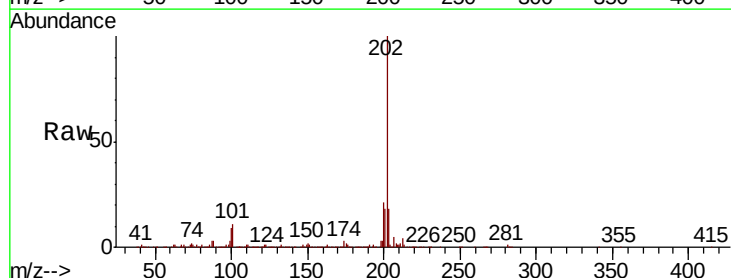
Tgt Ion:202 Resp: 604098

Ion Ratio Lower Upper

202 100

101 10.7 8.6 13.0

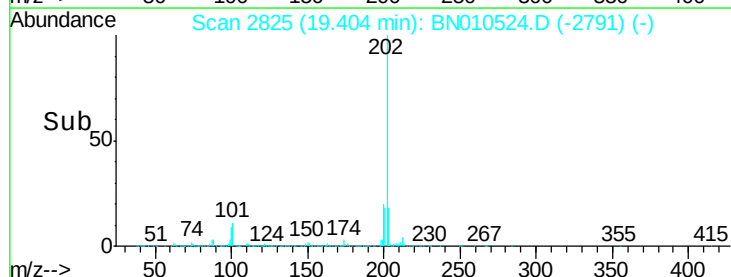
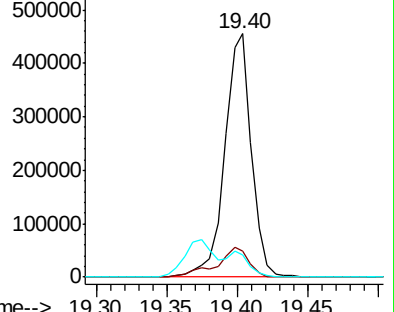
100 9.2 7.0 10.6

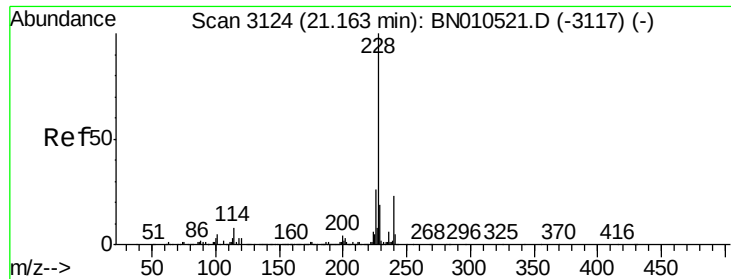


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

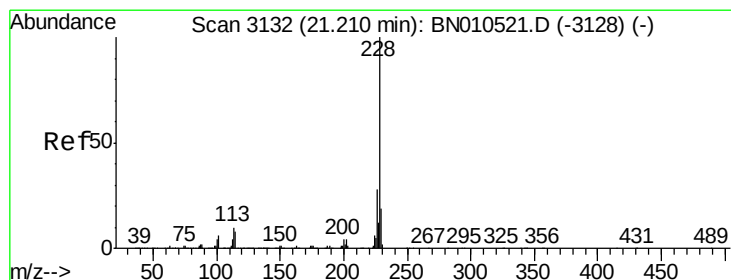
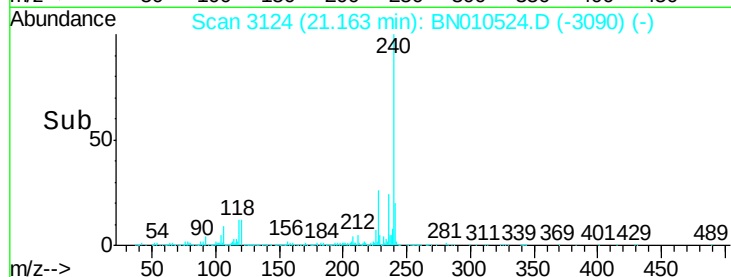
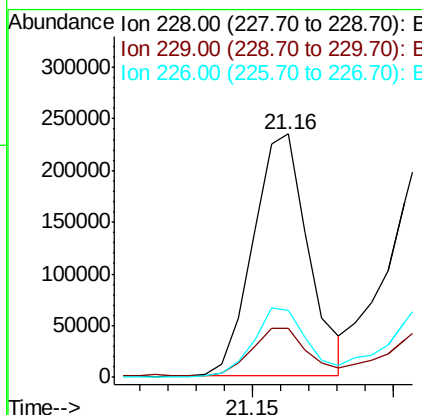
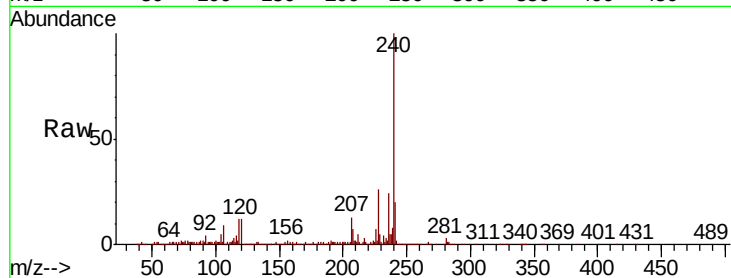




#83
Benzo(a)anthracene
Concen: 1.559 ng/ul
RT: 21.16 min Scan# 3124
Delta R.T. -0.00 min
Lab File: BN010524.D
Acq: 16 Apr 2020 19:46

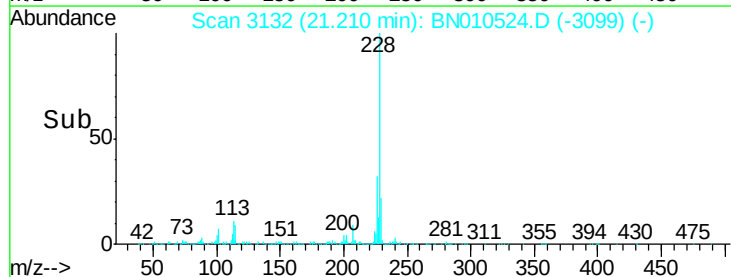
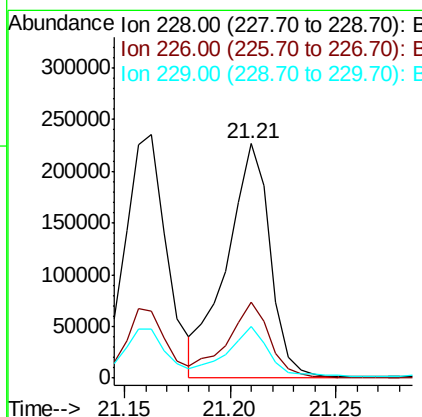
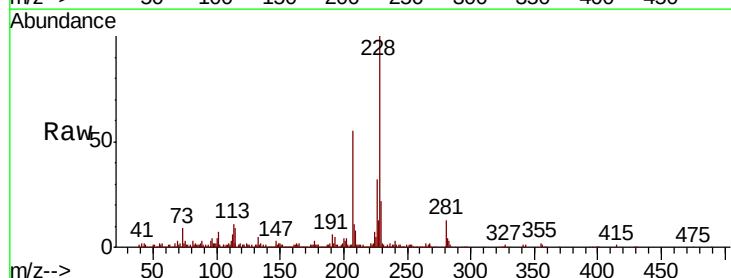
Instrument :
BNA_N
ClientSampleId :
CB7A1

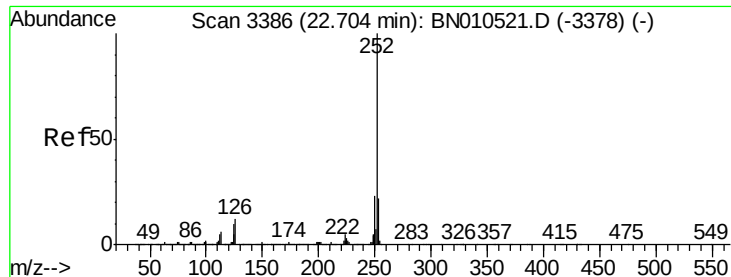
Tot Ion	Ratio	Lower	Upper
228	100		
229	20.0	16.0	24.0
226	27.7	21.4	32.2



#85
Chrysene
Concen: 1.673 ng/ul
RT: 21.21 min Scan# 3132
Delta R.T. -0.01 min
Lab File: BN010524.D
Acq: 16 Apr 2020 19:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.3	23.0	34.6
229	22.0	15.0	22.4





#88

Benzo(b)fluoranthene

Concen: 2.183 ng/ul

RT: 22.70 min Scan# 3386

Delta R.T. -0.00 min

Lab File: BN010524.D

Acq: 16 Apr 2020 19:46

Instrument :

BNA_N

ClientSampleId :

CB7A1

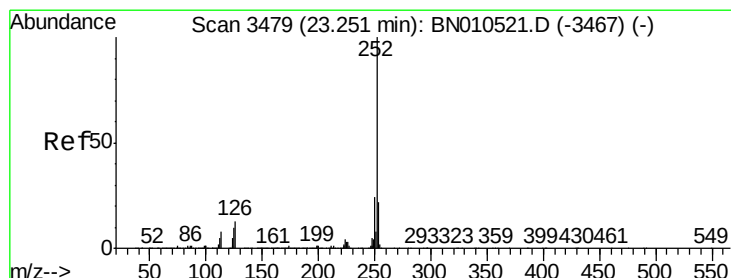
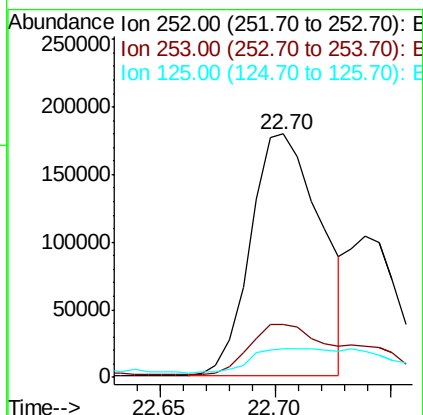
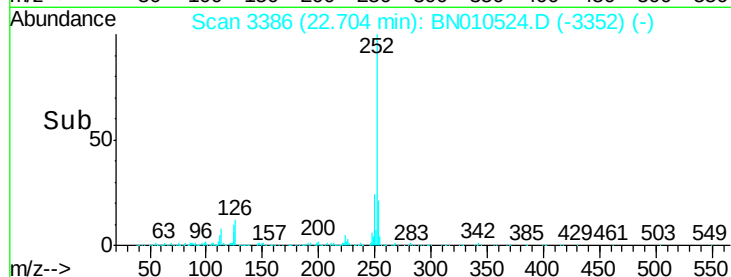
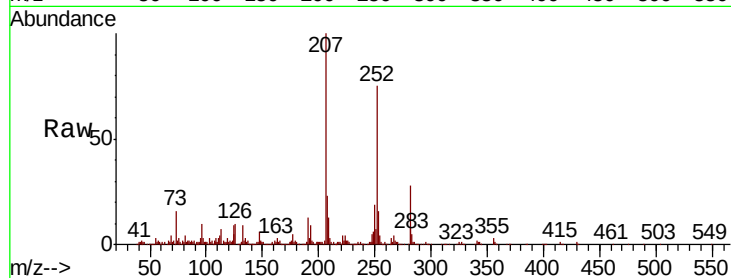
Tot Ion:252 Resp: 379264

Ion Ratio Lower Upper

252 100

253 21.5 16.7 25.1

125 11.5 7.2 10.8#



#91

Benzo(a)pyrene

Concen: 1.406 ng/ul

RT: 23.25 min Scan# 3479

Delta R.T. -0.01 min

Lab File: BN010524.D

Acq: 16 Apr 2020 19:46

Tgt Ion:252 Resp: 217009

Ion Ratio Lower Upper

252 100

253 24.7 17.8 26.8

125 13.5 7.8 11.6#

