

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\
 Data File : BN010525.D
 Acq On : 16 Apr 2020 20:23
 Operator : CG/JU
 Sample : L2191-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB797

Quant Time: Apr 17 01:07:12 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	457893	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	1996535	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.22	164	1280543	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.97	188	2866717	20.00	ng/ul	0.00
78) Chrysene-d12	21.17	240	2813518	20.00	ng/ul	0.00
86) Perylene-d12	23.34	264	2483525	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	50128	5.73	ng/uL	0.00
5) Phenol-d5	6.78	99	1108311	30.66	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	593402	32.45	ng/ul	0.00
9) 2-Chlorophenol-d4	7.14	132	945679	30.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	849382	27.86	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	480039	31.21	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	524899	30.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	981466	29.20	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	898228	23.31	ng/ul	0.00
44) Dimethylphthalate-d6	13.64	166	3105224	32.68	ng/ul	0.00
47) Acenaphthylene-d8	13.91	160	3792084	32.48	ng/ul	0.00
52) 4-Nitrophenol-d4	14.43	143	510550	27.60	ng/ul	0.00
58) Fluorene-d10	15.22	176	2804930	32.90	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.35	200	406601	27.15	ng/ul	0.00
71) Anthracene-d10	17.07	188	4245005	31.97	ng/ul	0.00
79) Pyrene-d10	19.37	212	5067421	31.91	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.22	264	4275148	33.19	ng/ul	0.00

Target Compounds

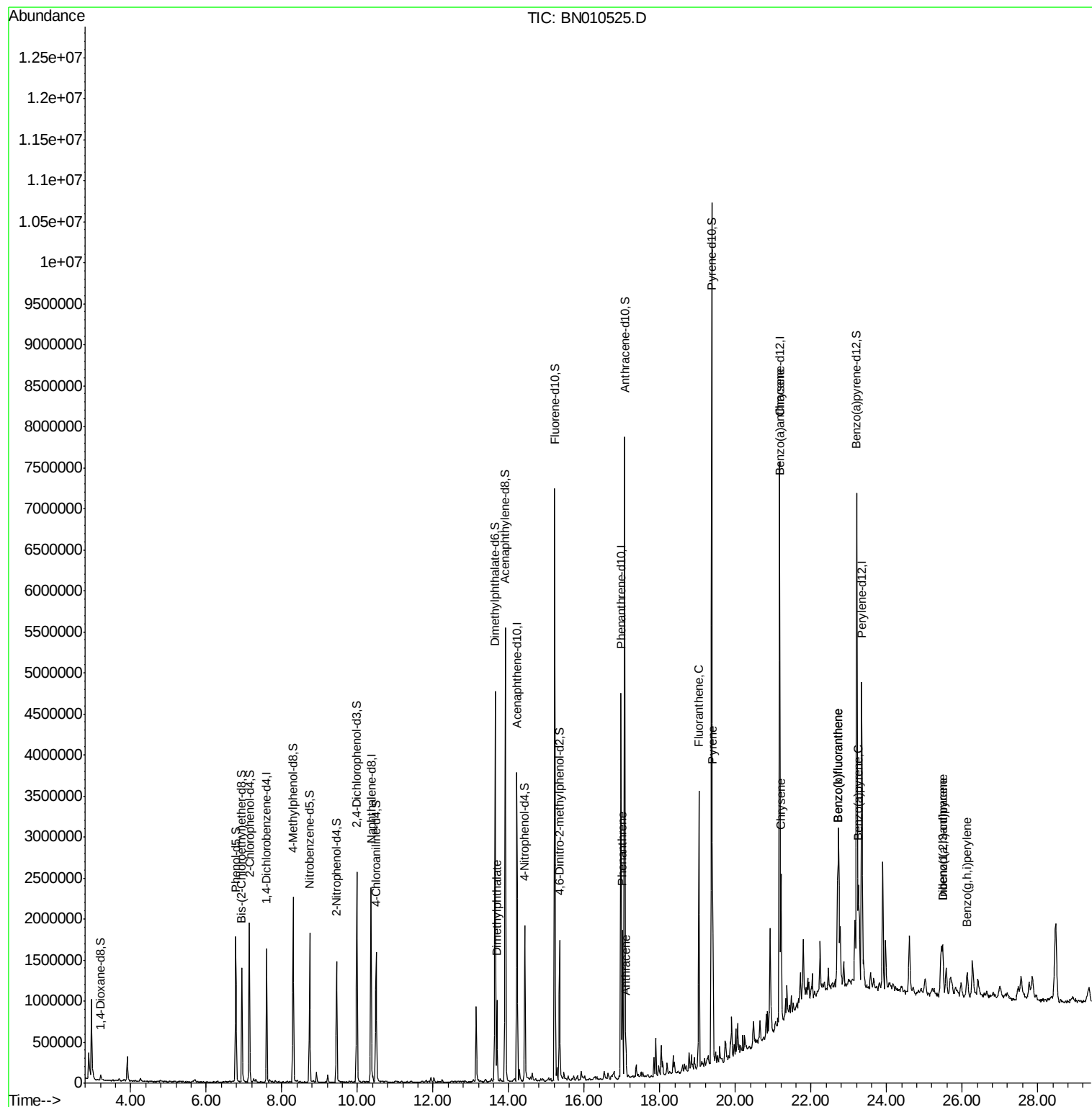
					Ovalue	
45) Dimethylphthalate	13.69	163	613427	6.219	ng/ul	99
70) Phenanthrene	17.01	178	1040677	6.537	ng/ul	98
72) Anthracene	17.10	178	221242	1.371	ng/ul	99
77) Fluoranthene	19.03	202	2014045	11.644	ng/ul	96
80) Pyrene	19.40	202	1772907	8.721	ng/ul	97
83) Benzo(a)anthracene	21.16	228	1083249	5.550	ng/ul	97
85) Chrysene	21.21	228	988829	5.388	ng/ul	96
88) Benzo(b)fluoranthene	22.70	252	1219668	7.526	ng/ul#	94
89) Benzo(k)fluoranthene	22.70	252	1219668	7.586	ng/ul#	95
91) Benzo(a)pyrene	23.25	252	778557	5.407	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.49	276	461504	2.848	ng/ul	97
93) Dibenzo(a,h)anthracene	25.49	278	137250	1.008	ng/ul#	94
94) Benzo(g,h,i)perylene	26.14	276	330534	2.464	ng/ul	96

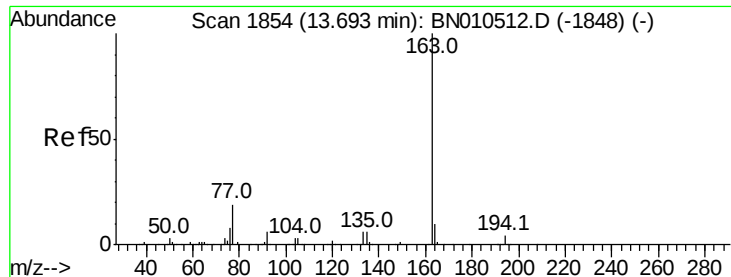
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN041620\
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Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 16 10:21:51 2020
Response via : Initial Calibration





#45

Dimethylphthalate

Concen: 6.219 ng/ul

RT: 13.69 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BN010525.D

Acq: 16 Apr 2020 20:23

Instrument :

BNA_N

ClientSampleId :

CB797

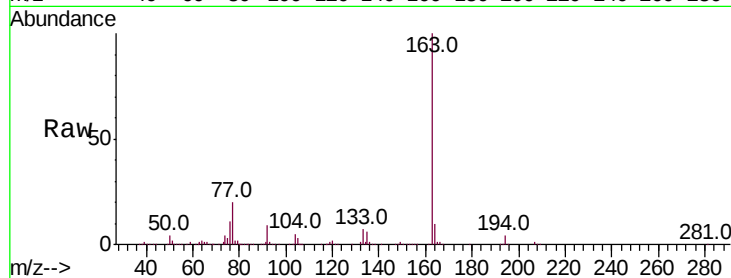
Tot Ion:163 Resp: 613427

Ion Ratio Lower Upper

163 100

194 4.4 3.3 4.9

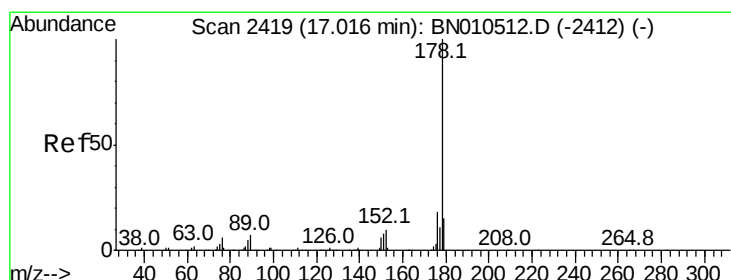
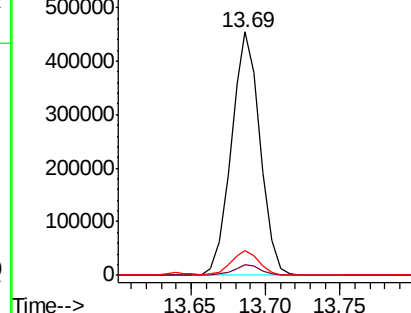
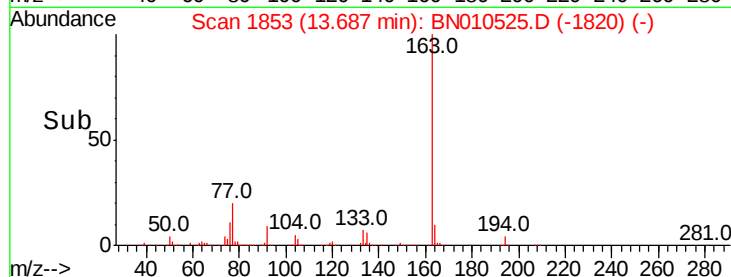
164 10.4 8.0 12.0



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: 6.537 ng/ul

RT: 17.01 min Scan# 2418

Delta R.T. -0.01 min

Lab File: BN010525.D

Acq: 16 Apr 2020 20:23

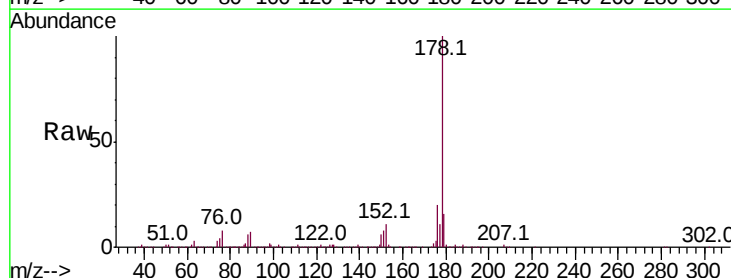
Tgt Ion:178 Resp: 1040677

Ion Ratio Lower Upper

178 100

179 15.9 11.4 17.2

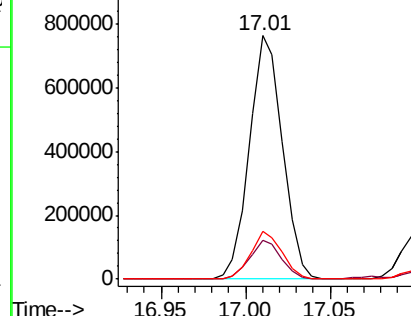
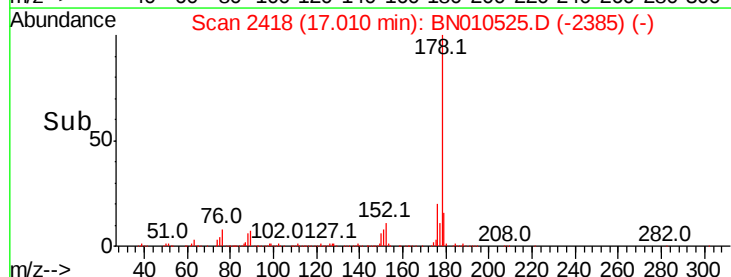
176 19.6 15.3 22.9

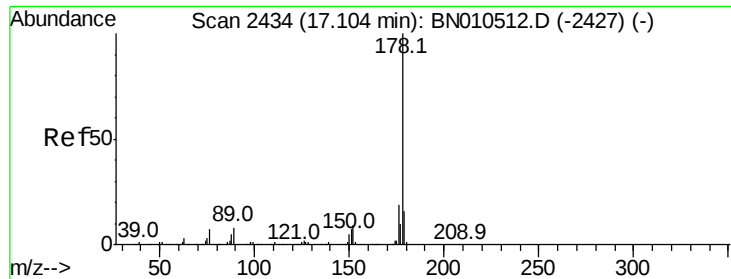


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 1.371 ng/ul

RT: 17.10 min Scan# 2434

Delta R.T. -0.00 min

Lab File: BN010525.D

Acq: 16 Apr 2020 20:23

Instrument :

BNA_N

ClientSampleId :

CB797

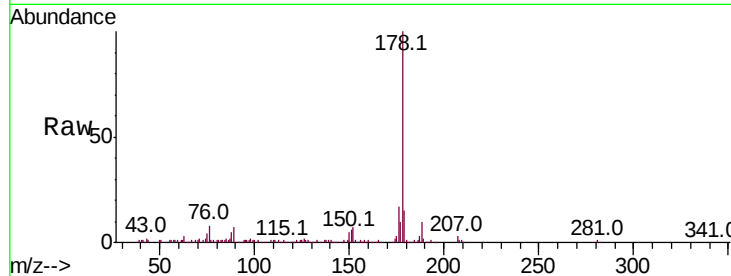
Tot Ion:178 Resp: 221242

Ion Ratio Lower Upper

178 100

179 14.7 12.3 18.5

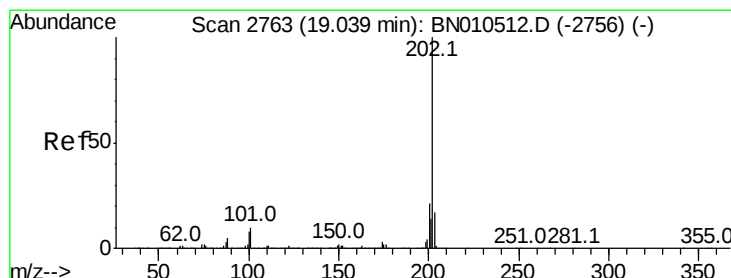
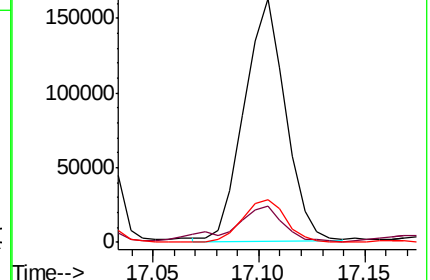
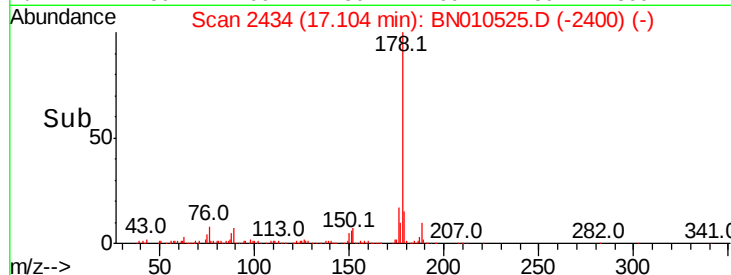
176 17.4 14.2 21.4



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: 11.644 ng/ul

RT: 19.03 min Scan# 2762

Delta R.T. -0.01 min

Lab File: BN010525.D

Acq: 16 Apr 2020 20:23

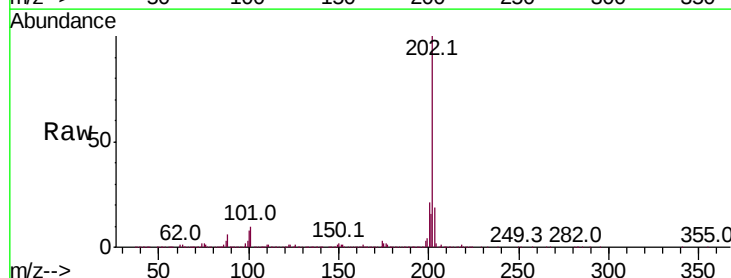
Tgt Ion:202 Resp: 2014045

Ion Ratio Lower Upper

202 100

101 10.2 7.1 10.7

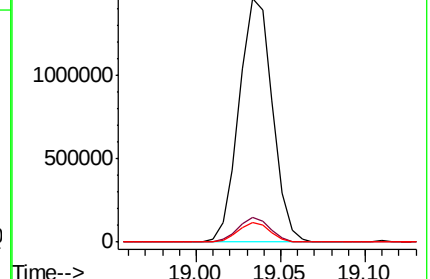
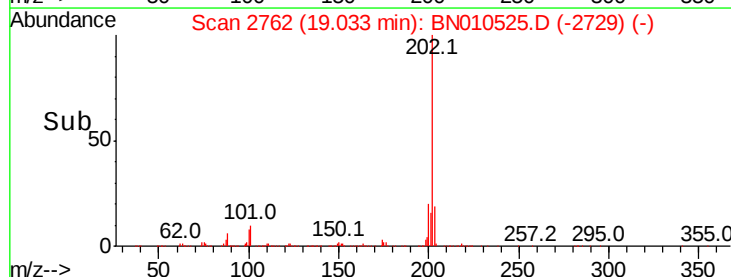
100 8.2 5.5 8.3

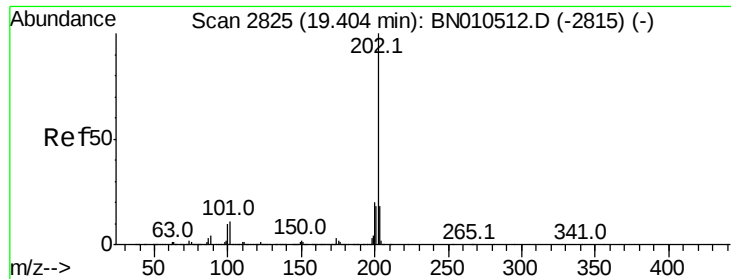


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

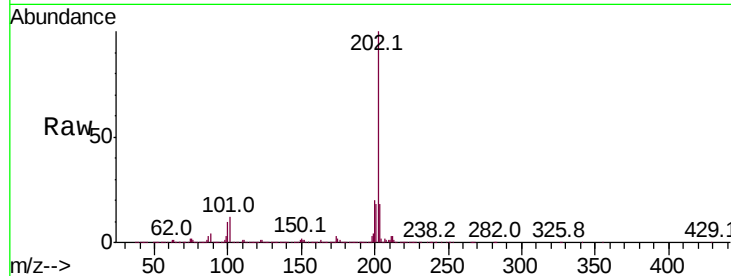




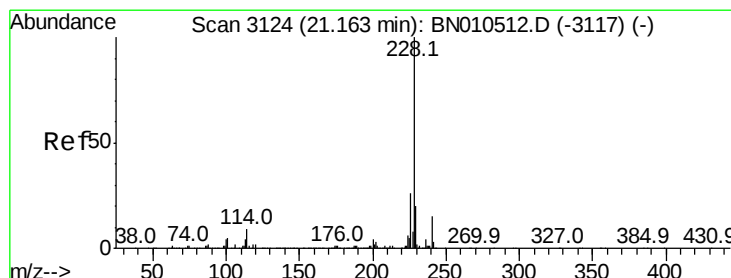
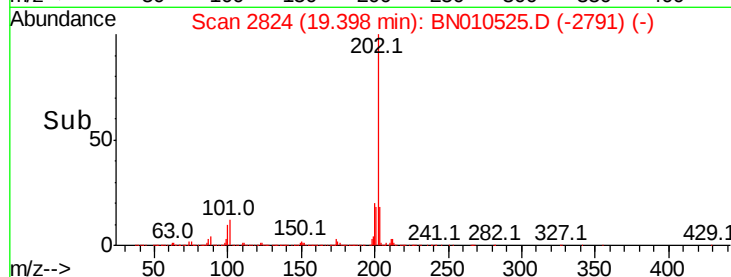
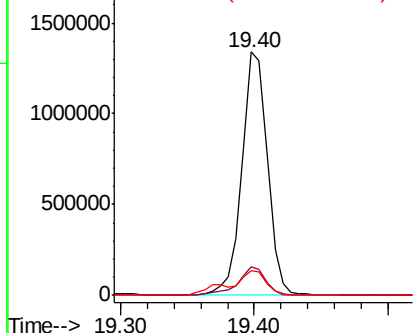
#80
Pvrene
Concen: 8.721 ng/ul
RT: 19.40 min Scan# 2824
Delta R.T. -0.01 min
Lab File: BN010525.D
Acq: 16 Apr 2020 20:23

Instrument :
BNA_N
ClientSampleId :
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Tot Ion:202 Resp: 1772907
Ion Ratio Lower Upper
202 100
101 11.8 8.6 13.0
100 10.0 7.0 10.6

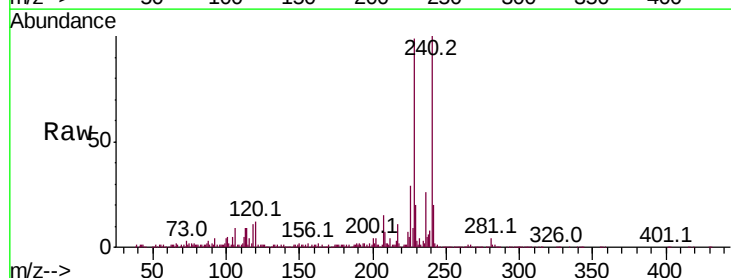


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

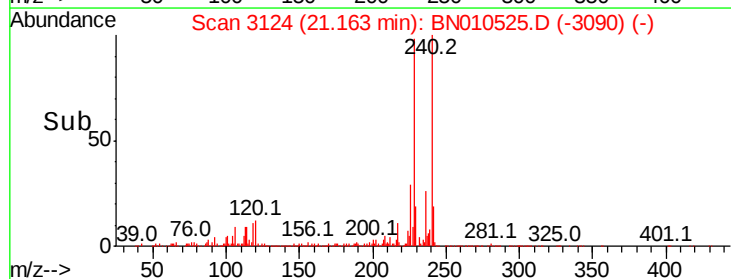
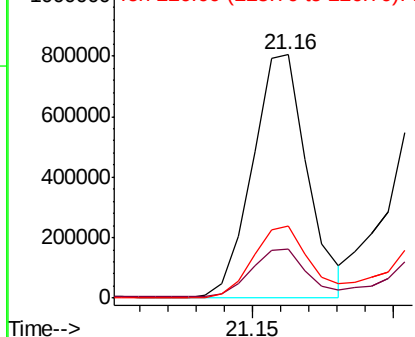


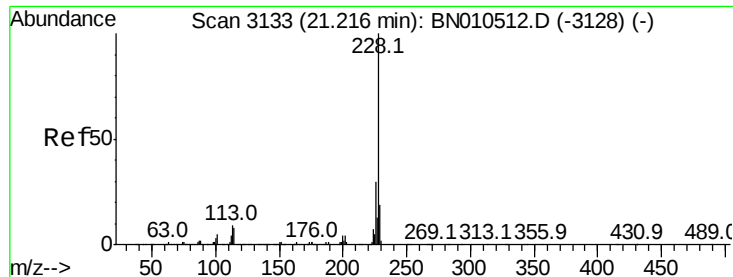
#83
Benzo(a)anthracene
Concen: 5.550 ng/ul
RT: 21.16 min Scan# 3124
Delta R.T. -0.00 min
Lab File: BN010525.D
Acq: 16 Apr 2020 20:23

Tgt Ion:228 Resp: 1083249
Ion Ratio Lower Upper
228 100
229 20.1 16.0 24.0
226 29.4 21.4 32.2



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E

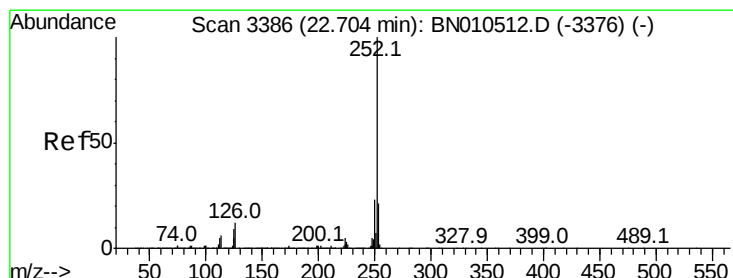
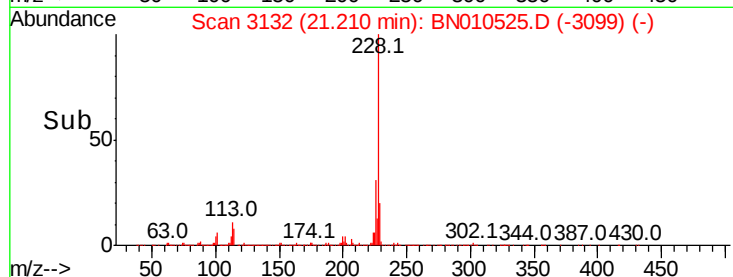
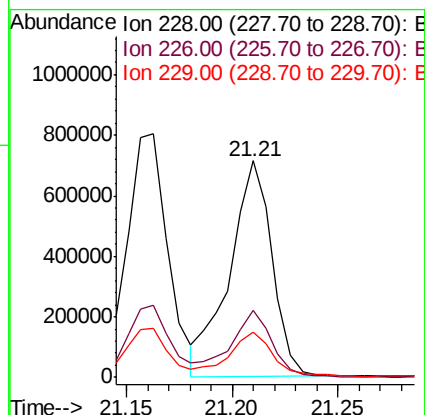
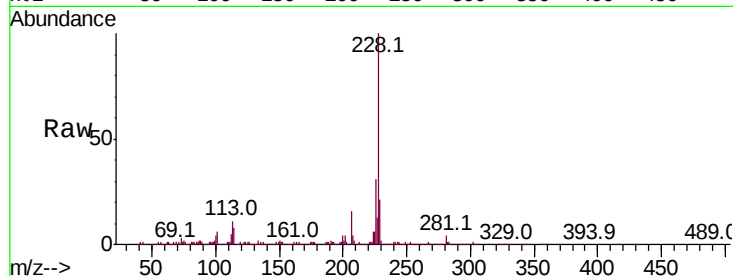




#85
Chrysene
Concen: 5.388 ng/ul
RT: 21.21 min Scan# 3132
Delta R.T. -0.01 min
Lab File: BN010525.D
Acq: 16 Apr 2020 20:23

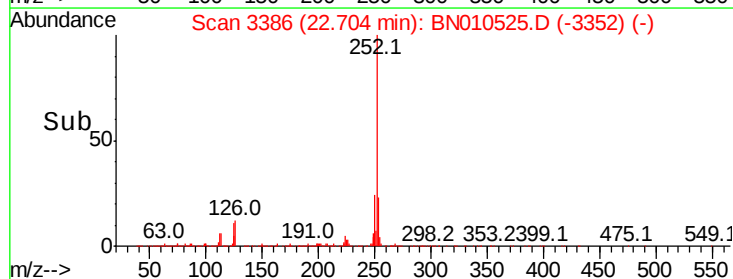
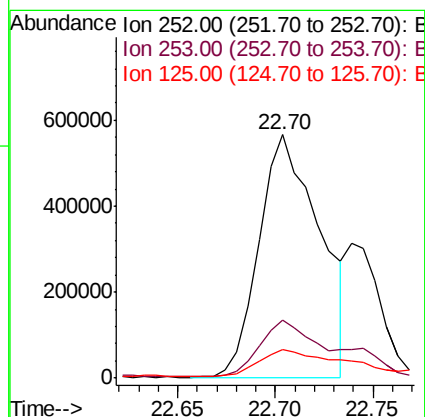
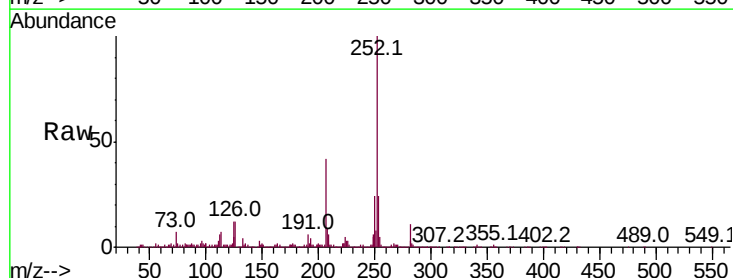
Instrument :
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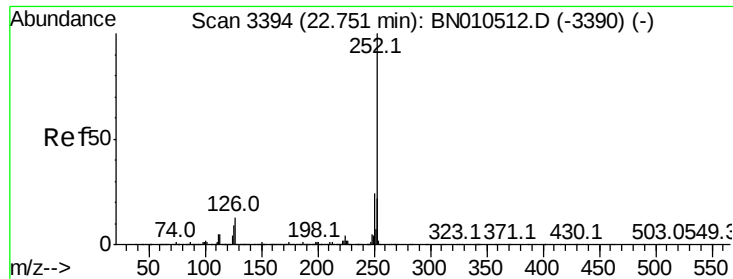
Tot Ion:228 Resp: 988829
Ion Ratio Lower Upper
228 100
226 31.0 23.0 34.6
229 20.7 15.0 22.4



#88
Benzo(b)fluoranthene
Concen: 7.526 ng/ul
RT: 22.70 min Scan# 3386
Delta R.T. -0.00 min
Lab File: BN010525.D
Acq: 16 Apr 2020 20:23

Tgt Ion:252 Resp: 1219668
Ion Ratio Lower Upper
252 100
253 23.7 16.7 25.1
125 11.5 7.2 10.8#





#89

Benzo(k)fluoranthene

Concen: 7.586 ng/ul

RT: 22.70 min Scan# 3386

Delta R.T. -0.05 min

Lab File: BN010525.D

Acq: 16 Apr 2020 20:23

Instrument :

BNA_N

ClientSampleId :

CB797

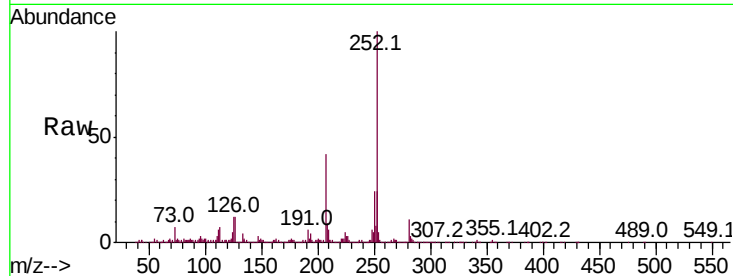
Tot Ion:252 Resp: 1219668

Ion Ratio Lower Upper

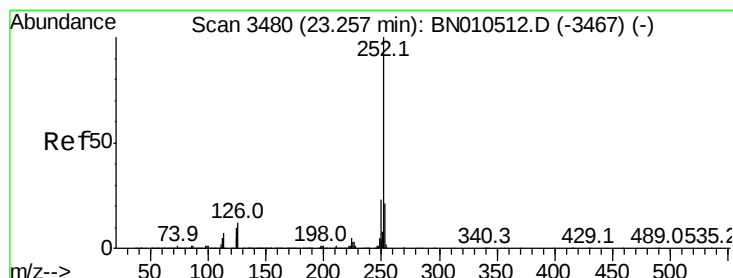
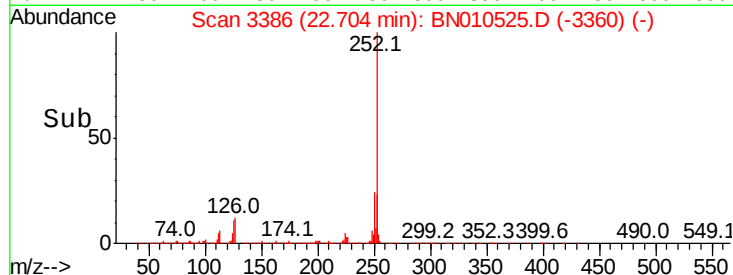
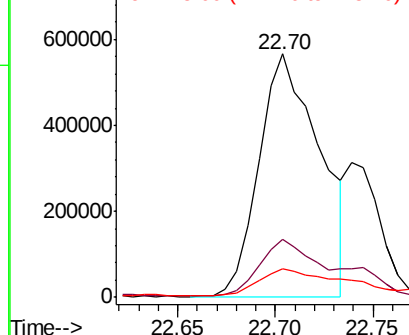
252 100

253 23.7 17.4 26.2

125 11.5 6.9 10.3#



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



#91

Benzo(a)pyrene

Concen: 5.407 ng/ul

RT: 23.25 min Scan# 3479

Delta R.T. -0.01 min

Lab File: BN010525.D

Acq: 16 Apr 2020 20:23

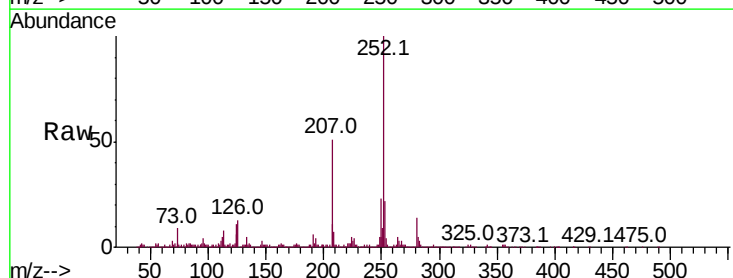
Tgt Ion:252 Resp: 778557

Ion Ratio Lower Upper

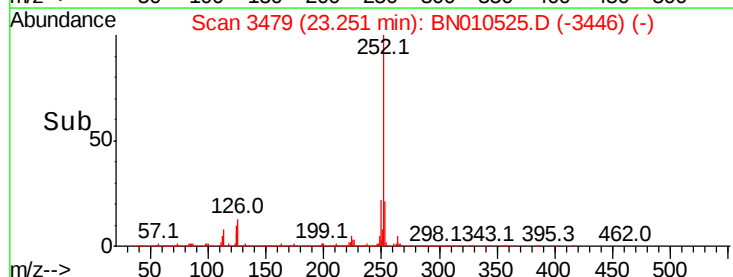
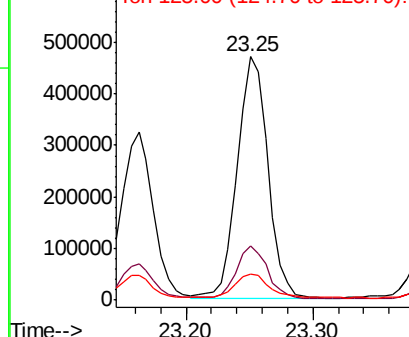
252 100

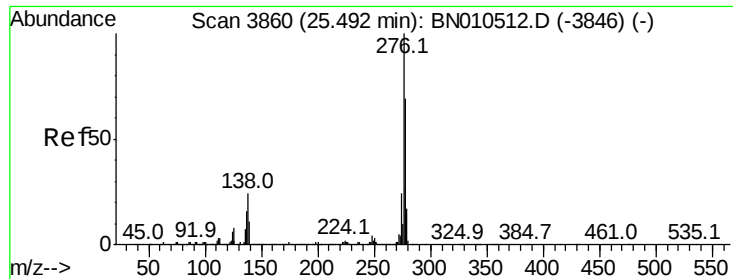
253 22.0 17.8 26.8

125 10.9 7.8 11.6



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



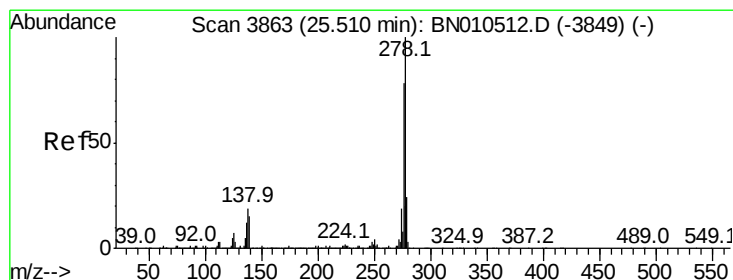
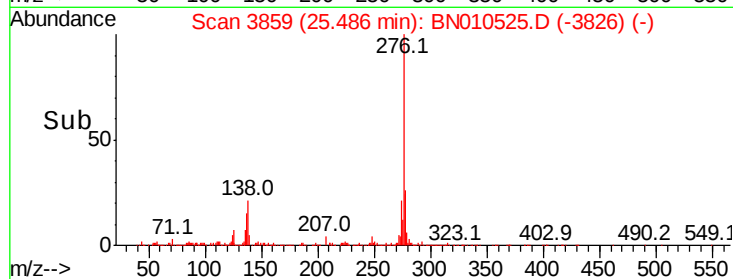
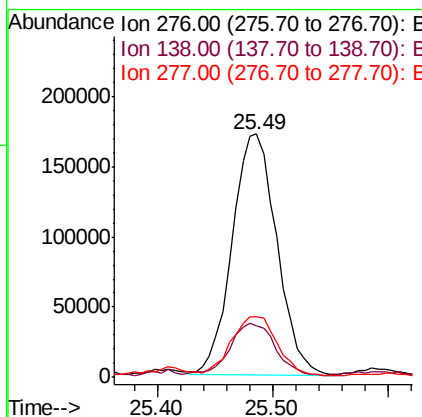
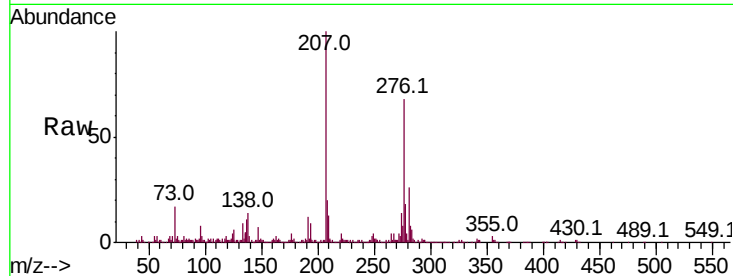


#92

Indeno(1,2,3-cd)pyrene
 Concen: 2.848 ng/ul
 RT: 25.49 min Scan# 3859
 Delta R.T. -0.01 min
 Lab File: BN010525.D
 Acq: 16 Apr 2020 20:23

Instrument :
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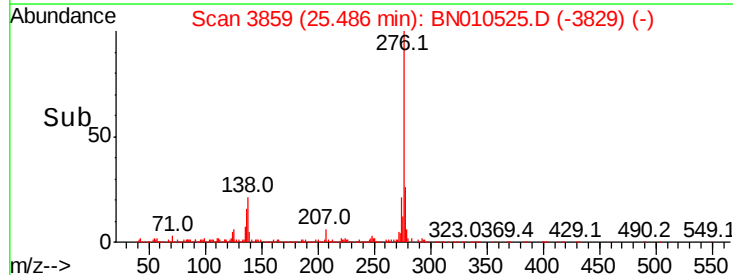
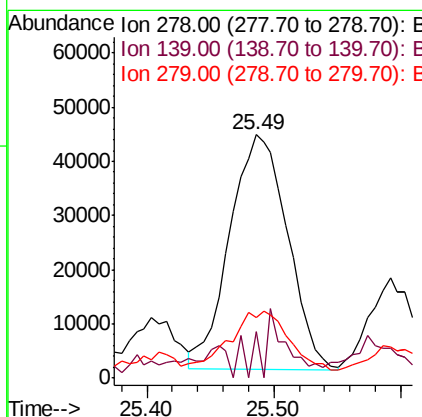
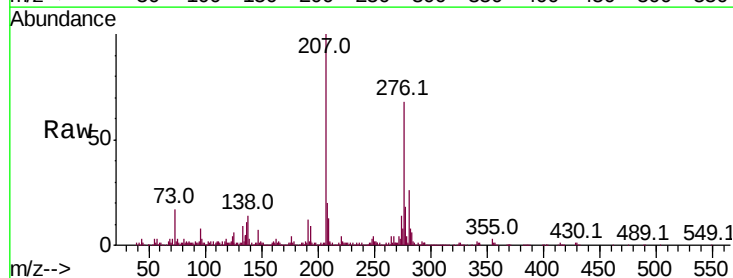
Tot Ion:276	Resp:	461504
Ion Ratio	Lower	Upper
276	100	
138	26.0	18.3 27.5
277	24.6	19.8 29.8

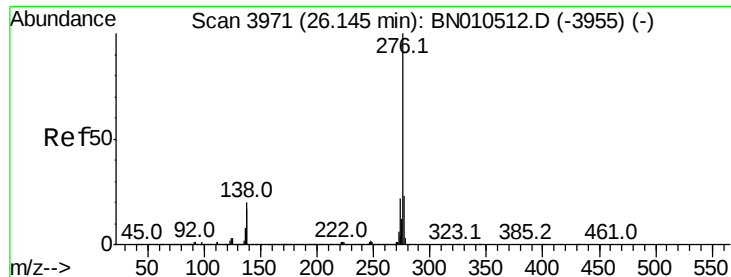


#93

Dibenzo(a,h)anthracene
 Concen: 1.008 ng/ul
 RT: 25.49 min Scan# 3859
 Delta R.T. -0.02 min
 Lab File: BN010525.D
 Acq: 16 Apr 2020 20:23

Tgt Ion:278	Resp:	137250
Ion Ratio	Lower	Upper
278	100	
139	18.9	11.5 17.3#
279	25.1	19.2 28.8





#94

Benzo(a,h,i)perylene

Concen: 2.464 ng/ul

RT: 26.14 min Scan# 3970

Delta R.T. -0.01 min

Lab File: BN010525.D

Acq: 16 Apr 2020 20:23

Instrument :

BNA_N

ClientSampleId :

CB797

Tot Ion:276 Resp: 330534

Ion Ratio Lower Upper

276 100

138 19.8 14.7 22.1

277 25.1 18.4 27.6

