

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\
 Data File : BN010526.D
 Acq On : 16 Apr 2020 20:59
 Operator : CG/JU
 Sample : L2191-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB799

Quant Time: Apr 17 01:07:23 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	486152	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	2143381	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.22	164	1383739	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.97	188	3193238	20.00	ng/ul	0.00
78) Chrysene-d12	21.17	240	3059631	20.00	ng/ul	0.00
86) Perylene-d12	23.35	264	2805565	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	58356	6.28	ng/uL	0.00
5) Phenol-d5	6.78	99	1275603	33.23	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	680686	35.06	ng/ul	0.00
9) 2-Chlorophenol-d4	7.14	132	1117808	34.16	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	1016901	31.42	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	564351	34.17	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	641184	34.83	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	1162821	32.23	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	1099273	26.57	ng/ul	0.00
44) Dimethylphthalate-d6	13.64	166	3734636	36.38	ng/ul	0.00
47) Acenaphthylene-d8	13.91	160	4563642	36.18	ng/ul	0.00
52) 4-Nitrophenol-d4	14.43	143	634371	31.73	ng/ul	0.00
58) Fluorene-d10	15.22	176	3293208	35.74	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.35	200	526702	31.58	ng/ul	0.00
71) Anthracene-d10	17.07	188	5108324	34.54	ng/ul	0.00
79) Pyrene-d10	19.37	212	6003707	34.76	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.22	264	5166735	35.50	ng/ul	0.00

Target Compounds

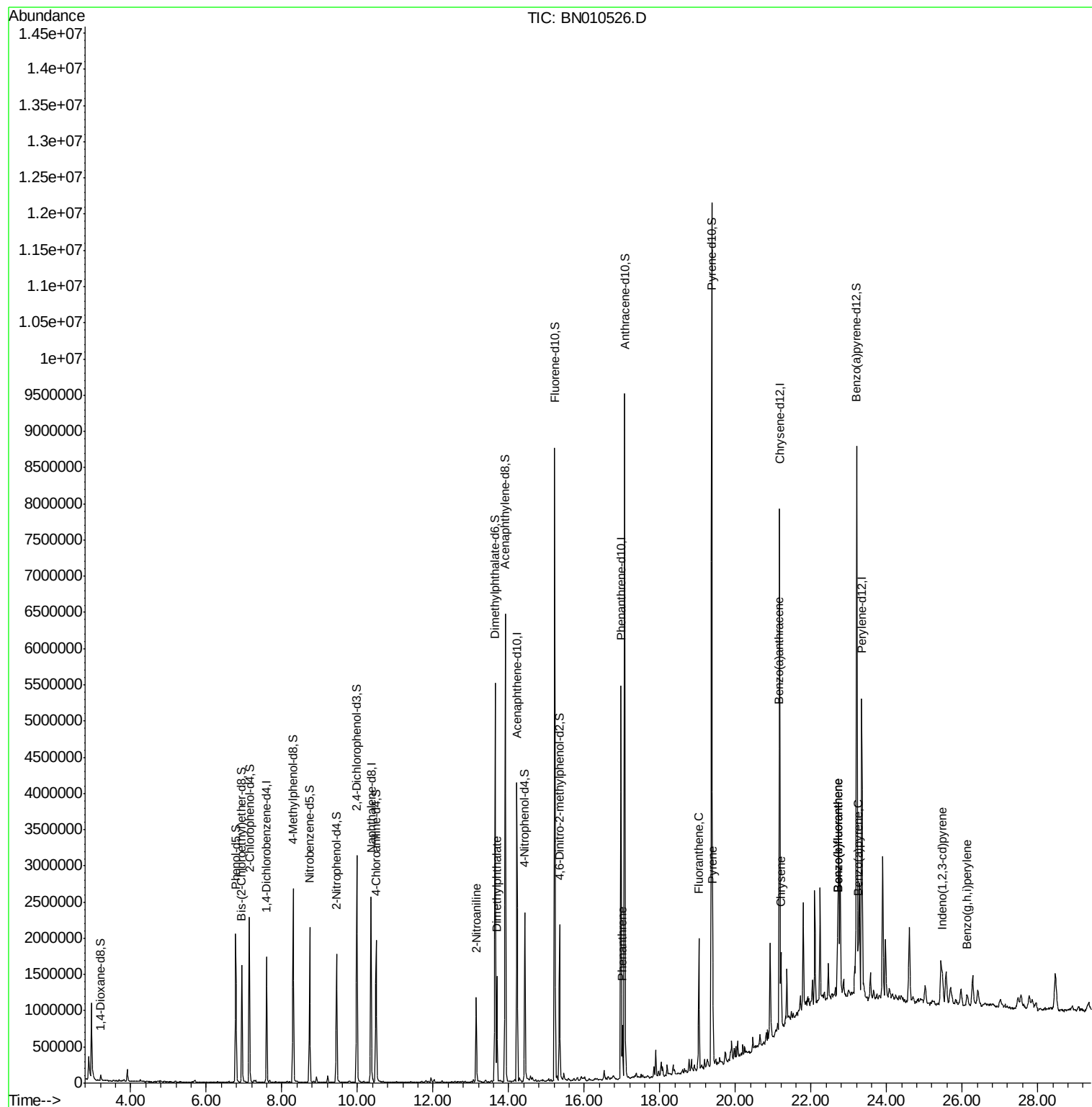
					Ovalue	
43) 2-Nitroaniline	13.14	65	22130	1.111	ng/ul#	4
45) Dimethylphthalate	13.69	163	911478	8.551	ng/ul	99
70) Phenanthrene	17.01	178	413548	2.332	ng/ul	98
77) Fluoranthene	19.03	202	1050304	5.451	ng/ul	98
80) Pyrene	19.40	202	951487	4.304	ng/ul	98
83) Benzo(a)anthracene	21.16	228	584447	2.754	ng/ul	99
85) Chrysene	21.21	228	568548	2.849	ng/ul	97
88) Benzo(b)fluoranthene	22.70	252	653431	3.569	ng/ul	95
89) Benzo(k)fluoranthene	22.70	252	653431	3.597	ng/ul#	96
91) Benzo(a)pyrene	23.25	252	410562	2.524	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.48	276	267313	1.460	ng/ul	95
94) Benzo(g,h,i)perylene	26.13	276	194654	1.285	ng/ul#	89

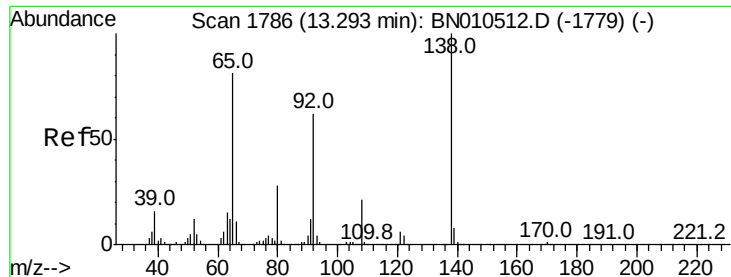
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 15 Sample Multiplier: 1

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Quant Time: Apr 17 01:07:23 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





#43

2-Nitroaniline

Concen: 1.111 ng/ul

RT: 13.14 min Scan# 1760

Delta R.T. -0.15 min

Lab File: BN010526.D

Acq: 16 Apr 2020 20:59

Instrument :

BNA_N

ClientSampleId :

CB799

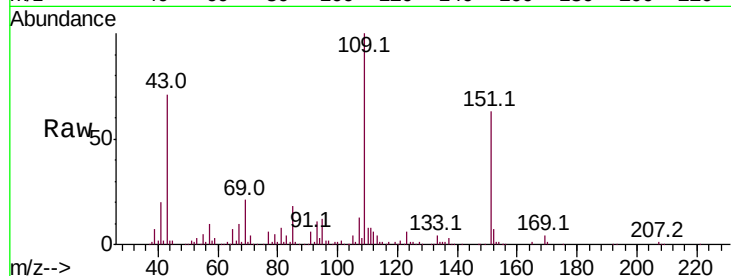
Tot Ion: 65 Resp: 22130

Ion Ratio Lower Upper

65 100

92 10.8 61.1 91.7#

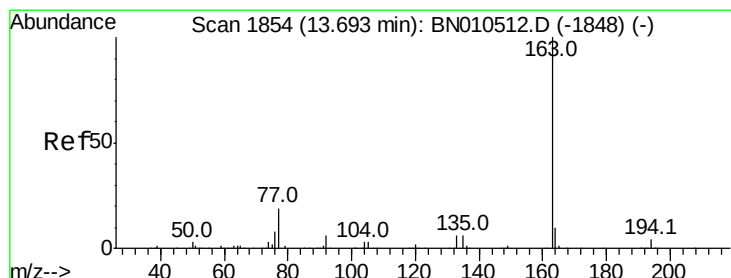
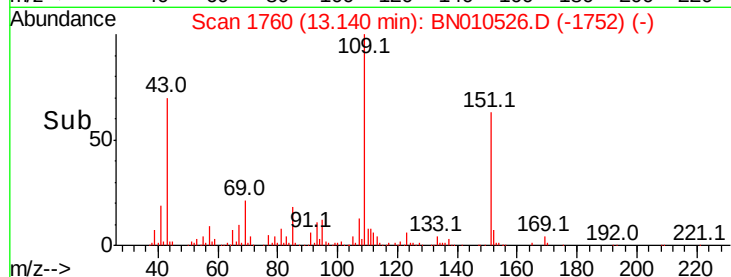
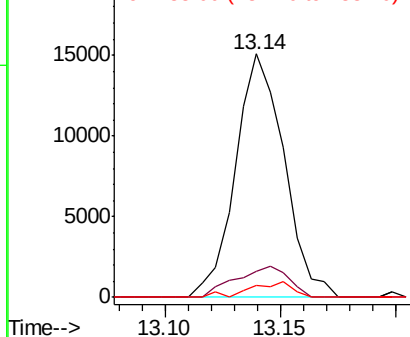
138 4.8 104.6 156.8#



Abundance Ion 65.00 (64.70 to 65.70): BN010512.D (-1779) (-)

Ion 92.00 (91.70 to 92.70): BN010512.D (-1779) (-)

Ion 138.00 (137.70 to 138.70): BN010512.D (-1779) (-)



#45

Dimethylphthalate

Concen: 8.551 ng/ul

RT: 13.69 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BN010526.D

Acq: 16 Apr 2020 20:59

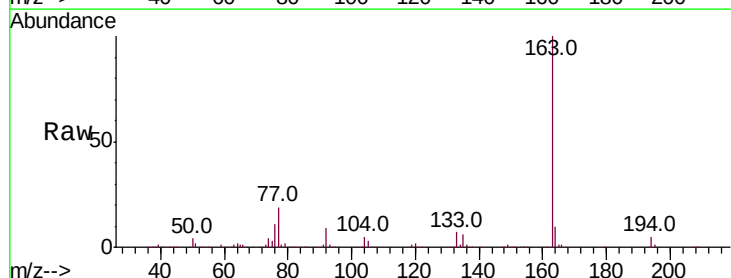
Tgt Ion:163 Resp: 911478

Ion Ratio Lower Upper

163 100

194 4.6 3.3 4.9

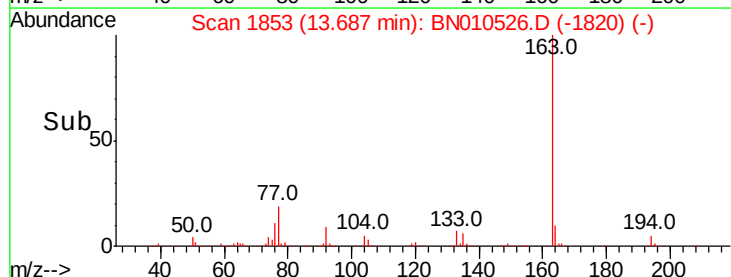
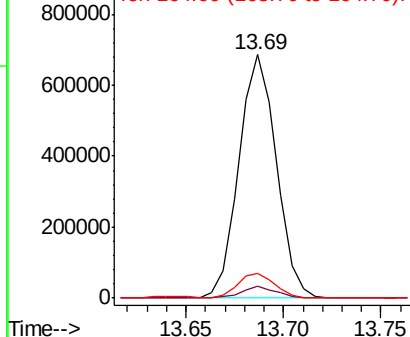
164 10.1 8.0 12.0

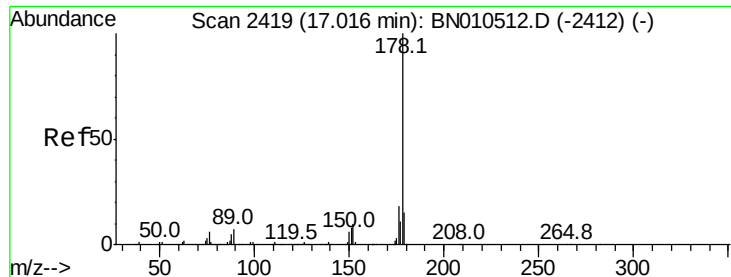


Abundance Ion 163.00 (162.70 to 163.70): BN010512.D (-1848) (-)

Ion 194.00 (193.70 to 194.70): BN010512.D (-1848) (-)

Ion 164.00 (163.70 to 164.70): BN010512.D (-1848) (-)

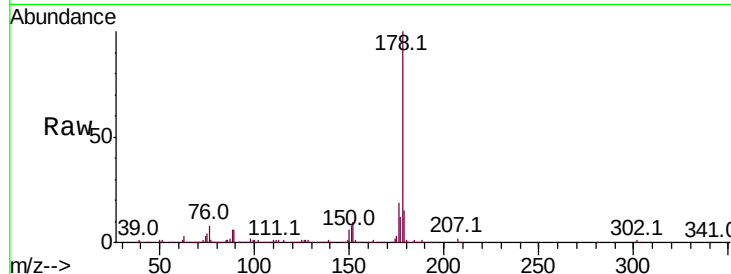




#70
Phenanthrene
Concen: 2.332 ng/ul
RT: 17.01 min Scan# 2418
Delta R.T. -0.01 min
Lab File: BN010526.D
Acq: 16 Apr 2020 20:59

Instrument :
BNA_N
ClientSampleId :
CB799

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.2	11.4	17.2
176	18.6	15.3	22.9

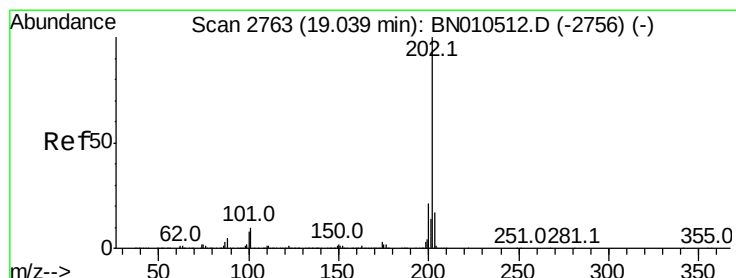
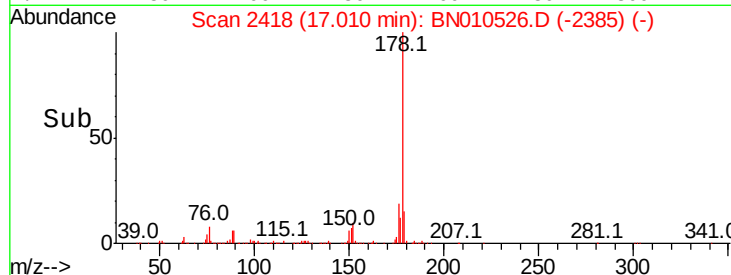
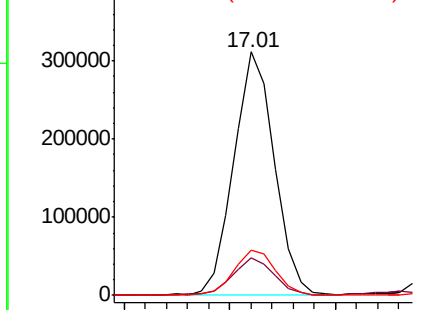


Abundance

Ion 178.00 (177.70 to 178.70): E

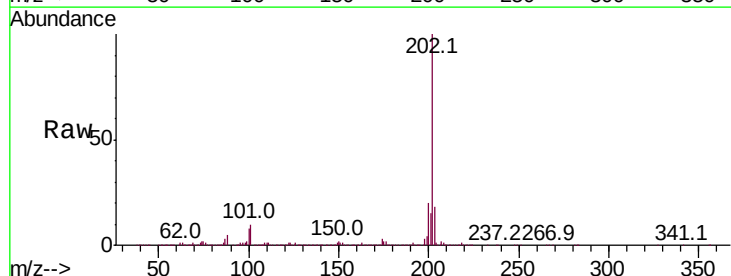
Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#77
Fluoranthene
Concen: 5.451 ng/ul
RT: 19.03 min Scan# 2762
Delta R.T. -0.01 min
Lab File: BN010526.D
Acq: 16 Apr 2020 20:59

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.9	7.1	10.7
100	7.6	5.5	8.3

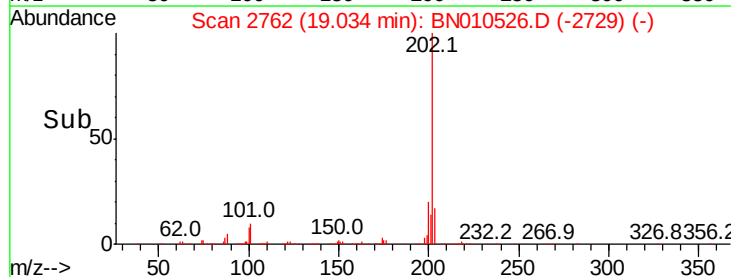
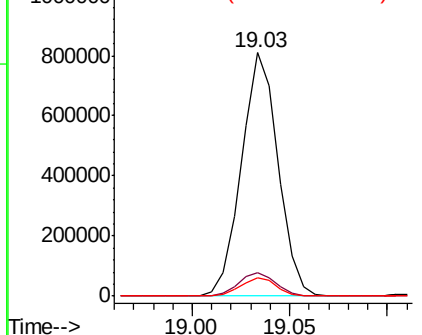


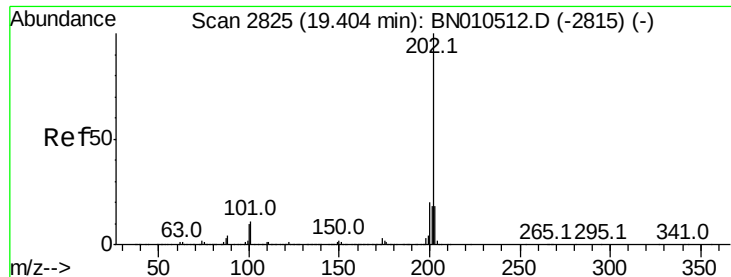
Abundance

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

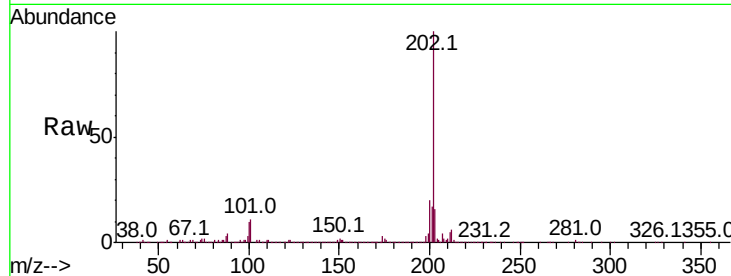




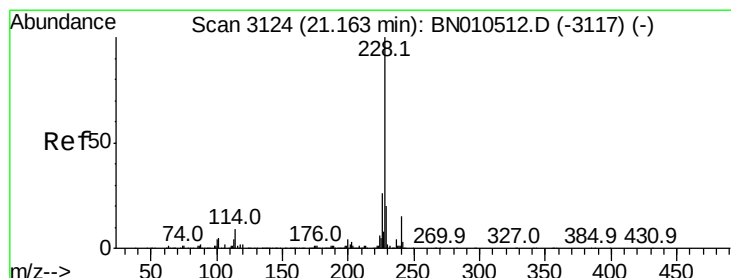
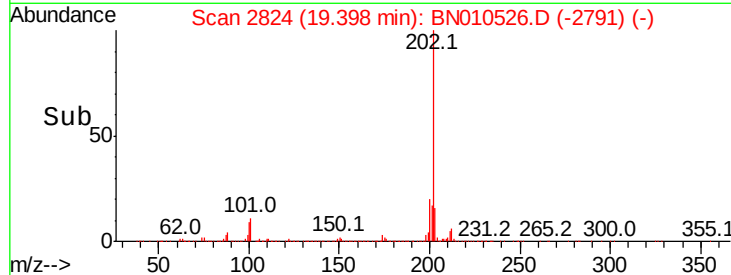
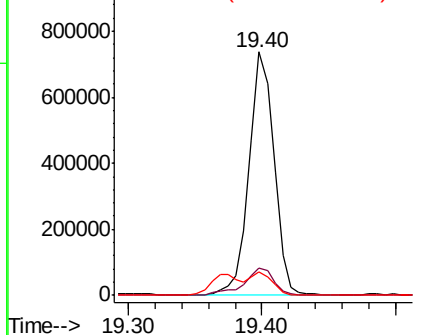
#80
Pvrene
Concen: 4.304 ng/ul
RT: 19.40 min Scan# 2824
Delta R.T. -0.01 min
Lab File: BN010526.D
Acq: 16 Apr 2020 20:59

Instrument :
BNA_N
ClientSampleId :
CB799

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.4	8.6	13.0
100	9.5	7.0	10.6

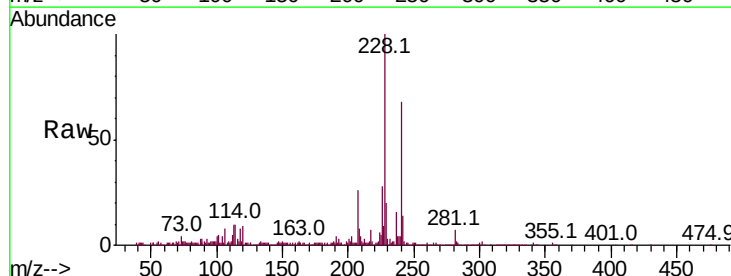


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

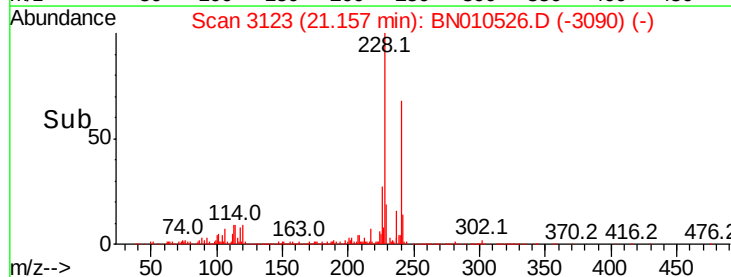
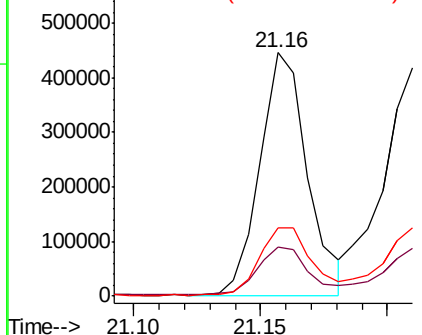


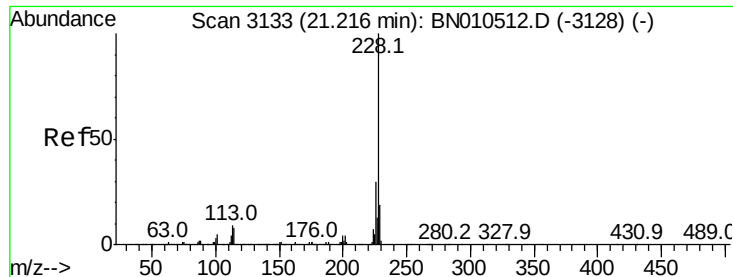
#83
Benzo(a)anthracene
Concen: 2.754 ng/ul
RT: 21.16 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BN010526.D
Acq: 16 Apr 2020 20:59

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.1	16.0	24.0
226	27.9	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

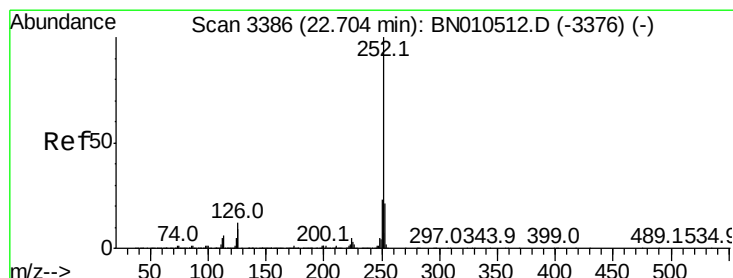
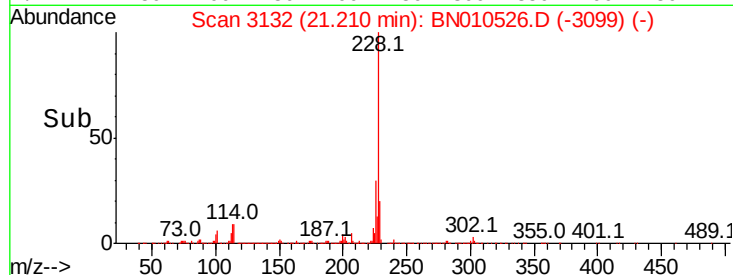
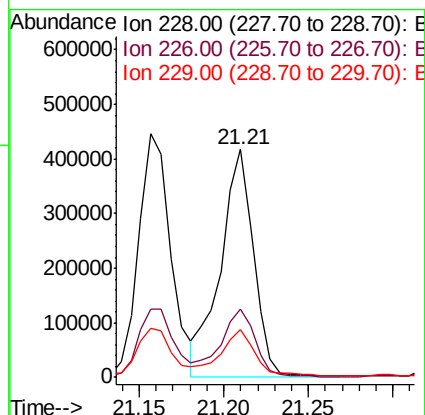
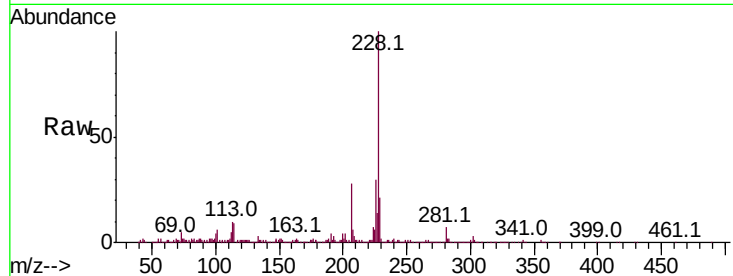




#85
Chrysene
Concen: 2.849 ng/ul
RT: 21.21 min Scan# 3132
Delta R.T. -0.01 min
Lab File: BN010526.D
Acq: 16 Apr 2020 20:59

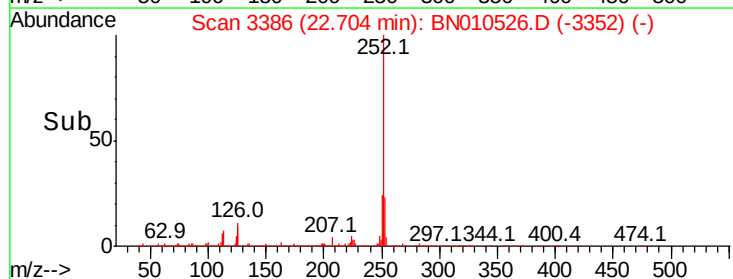
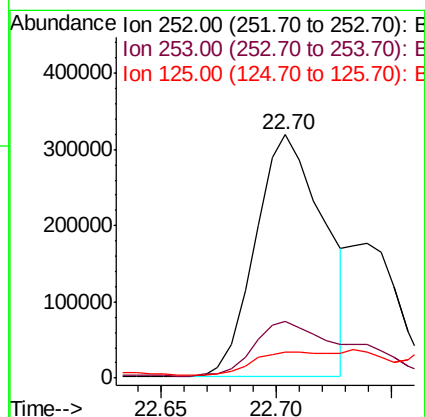
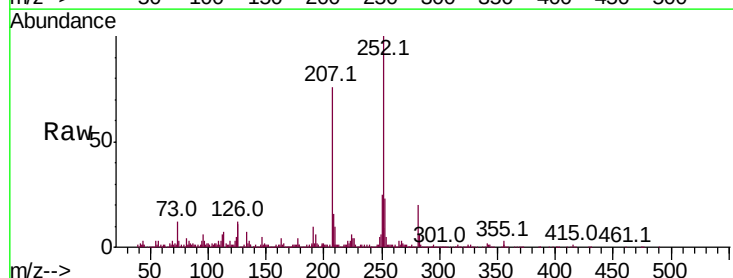
Instrument :
BNA_N
ClientSampleId :
CB799

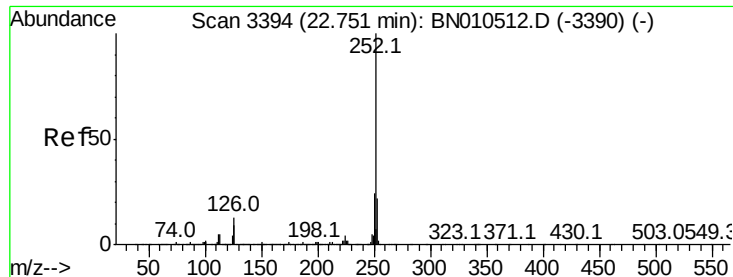
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.0	34.6
229	21.0	15.0	22.4



#88
Benzo(b)fluoranthene
Concen: 3.569 ng/ul
RT: 22.70 min Scan# 3386
Delta R.T. 0.00 min
Lab File: BN010526.D
Acq: 16 Apr 2020 20:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	16.7	25.1
125	10.5	7.2	10.8





#89

Benzo(k)fluoranthene

Concen: 3.597 ng/ul

RT: 22.70 min Scan# 3386

Delta R.T. -0.05 min

Lab File: BN010526.D

Acq: 16 Apr 2020 20:59

Instrument :

BNA_N

ClientSampleId :

CB799

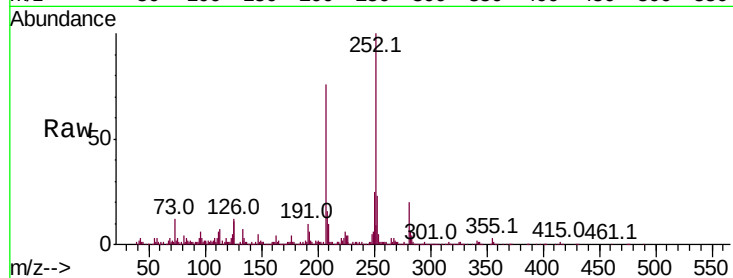
Tot Ion:252 Resp: 653431

Ion Ratio Lower Upper

252 100

253 23.5 17.4 26.2

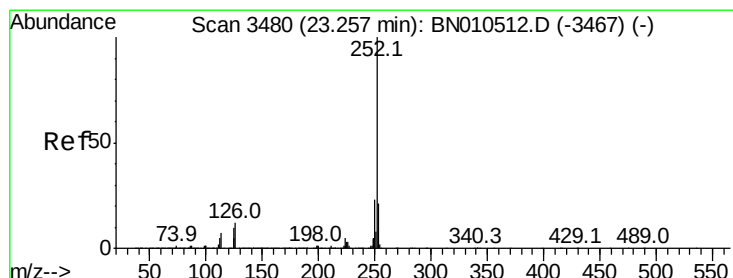
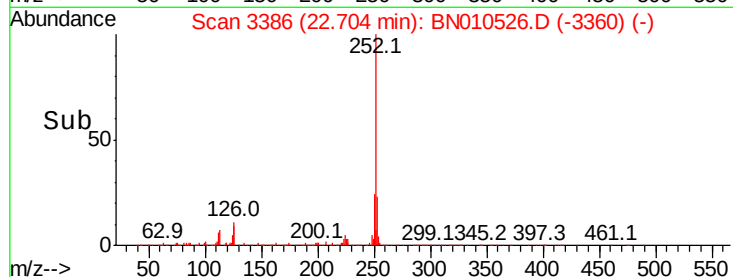
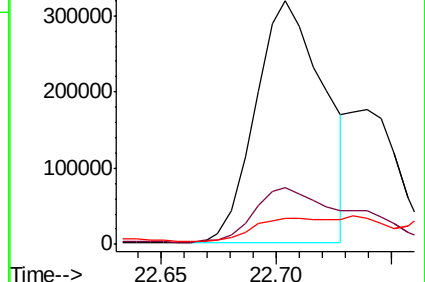
125 10.5 6.9 10.3#



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: 2.524 ng/ul

RT: 23.25 min Scan# 3479

Delta R.T. -0.01 min

Lab File: BN010526.D

Acq: 16 Apr 2020 20:59

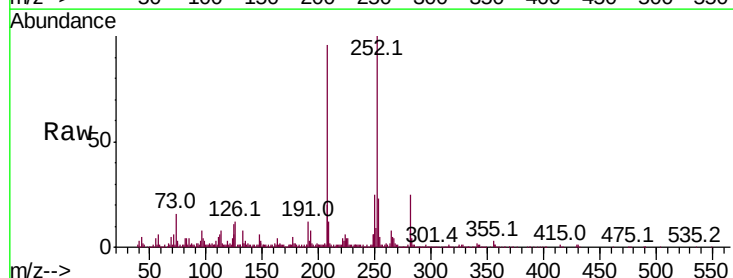
Tgt Ion:252 Resp: 410562

Ion Ratio Lower Upper

252 100

253 23.2 17.8 26.8

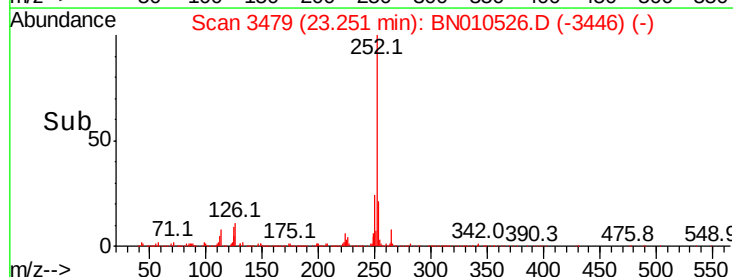
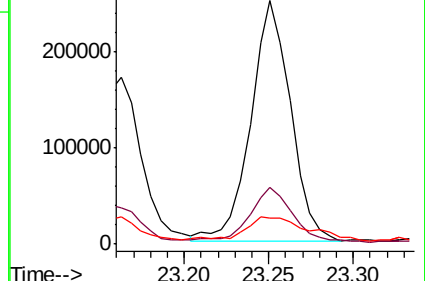
125 10.8 7.8 11.6

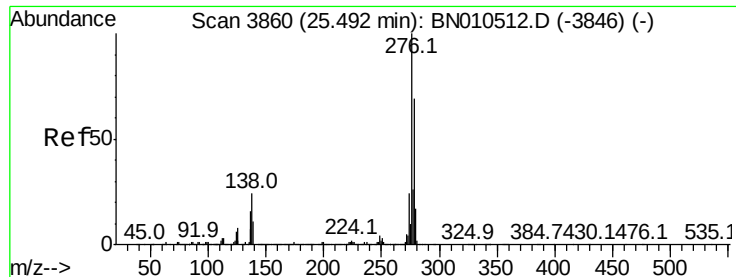


Abundance Ion 252.00 (251.70 to 252.70): E

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: 1.460 ng/ul

RT: 25.48 min Scan# 3858

Delta R.T. -0.01 min

Lab File: BN010526.D

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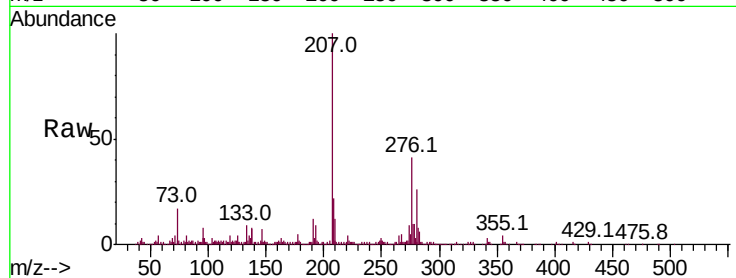
Tot Ion:276 Resp: 267313

Ion Ratio Lower Upper

276 100

138 18.9 18.3 27.5

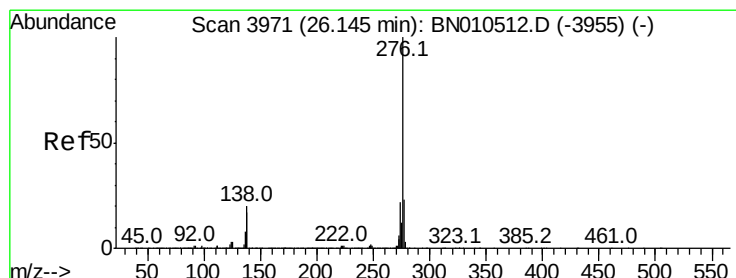
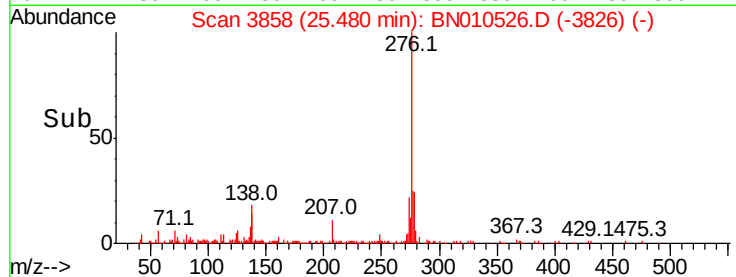
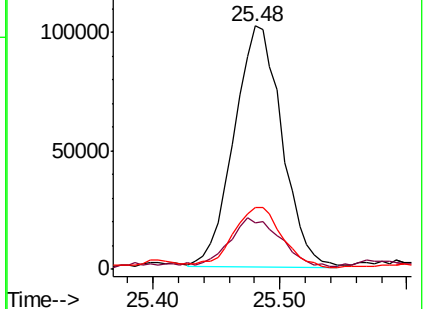
277 25.4 19.8 29.8



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(g,h,i)perylene

Concen: 1.285 ng/ul

RT: 26.13 min Scan# 3968

Delta R.T. -0.02 min

Lab File: BN010526.D

Acq: 16 Apr 2020 20:59

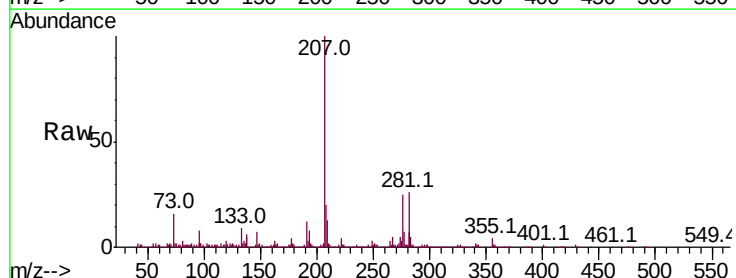
Tgt Ion:276 Resp: 194654

Ion Ratio Lower Upper

276 100

138 23.0 14.7 22.1#

277 28.4 18.4 27.6#



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

