

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030420\
 Data File : BN010095.D
 Acq On : 05 Mar 2020 01:15
 Operator : CG/JU
 Sample : L1641-19
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB702

Manual Integrations
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 3/5/2020 3:56:34 PM

Quant Time: Mar 05 08:09:12 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 05 01:55:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	99923	20.00	ng/ul	0.00
18) Naphthalene-d8	10.10	136	437625	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.00	164	268362	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.76	188	549013	20.00	ng/ul	0.00
78) Chrysene-d12	20.99	240	478328	20.00	ng/ul	0.00
86) Perylene-d12	23.08	264	523039	20.00	ng/ul	0.00

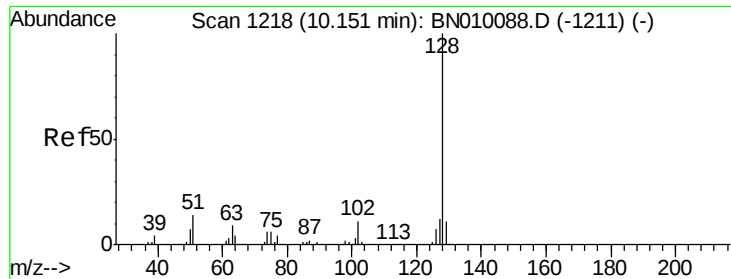
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.01	96	14212m	5.85	ng/uL	0.00
5) Phenol-d5	6.56	99	279144	32.84	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.72	67	202352	34.50	ng/ul	0.00
9) 2-Chlorophenol-d4	6.90	132	221782	34.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.07	113	154311	22.82	ng/ul	0.00
19) Nitrobenzene-d5	8.50	128	116022	36.24	ng/ul	0.00
22) 2-Nitrophenol-d4	9.21	143	130253	37.19	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.75	165	219506	32.60	ng/ul	0.00
29) 4-Chloroaniline-d4	10.27	131	129895	17.17	ng/ul	0.00
44) Dimethylphthalate-d6	13.43	166	730960	36.47	ng/ul	0.00
47) Acenaphthylene-d8	13.69	160	891049	37.74	ng/ul	0.00
52) 4-Nitrophenol-d4	14.26	143	105312	28.77	ng/ul	0.00
58) Fluorene-d10	15.01	176	647768	37.43	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.17	200	104533	30.65	ng/ul	0.00
71) Anthracene-d10	16.86	188	888830	35.32	ng/ul	0.00
79) Pyrene-d10	19.17	212	1045836	41.83	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.95	264	984605	37.70	ng/ul	0.00

Target Compounds

					Ovalue	
28) Naphthalene	10.15	128	23965	1.016	ng/ul	99
45) Dimethylphthalate	13.48	163	52505	2.510	ng/ul	100
70) Phenanthrene	16.80	178	329084	10.503	ng/ul	98
72) Anthracene	16.90	178	75679m	2.363	ng/ul	
77) Fluoranthene	18.84	202	627330	17.093	ng/ul	96
80) Pyrene	19.20	202	583812	16.929	ng/ul	95
83) Benzo(a)anthracene	20.97	228	307524	9.355	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	20.93	149	47151	2.178	ng/ul	99
85) Chrysene	21.02	228	296787	9.171	ng/ul	96
88) Benzo(b)fluoranthene	22.47	252	387099	11.415	ng/ul	97
89) Benzo(k)fluoranthene	22.50	252	160364m	4.994	ng/ul	
91) Benzo(a)pyrene	22.99	252	279264	9.156	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.12	276	194923	5.383	ng/ul	92
93) Dibenzo(a,h)anthracene	25.11	278	54381	1.755	ng/ul#	81
94) Benzo(g,h,i)perylene	25.73	276	143562	4.728	ng/ul	97

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



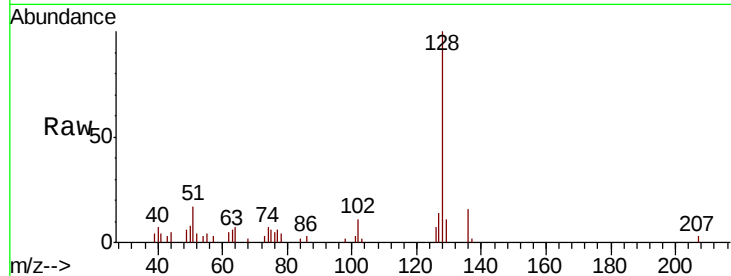
#28
Naphthalene
Concen: 1.016 ng/ul
RT: 10.15 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BN010095.D
Acq: 05 Mar 2020 01:15

Instrument :
BNA_N
ClientSampleId :
CB702

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.6	13.0
127	13.5	10.3	15.5

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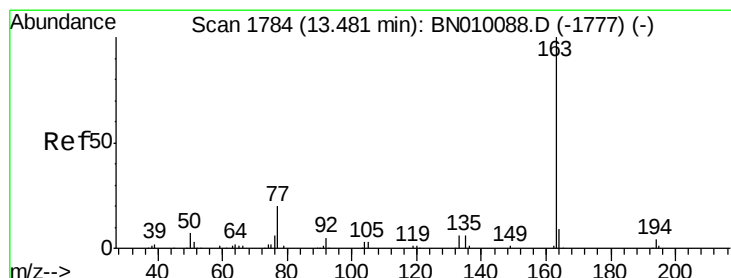
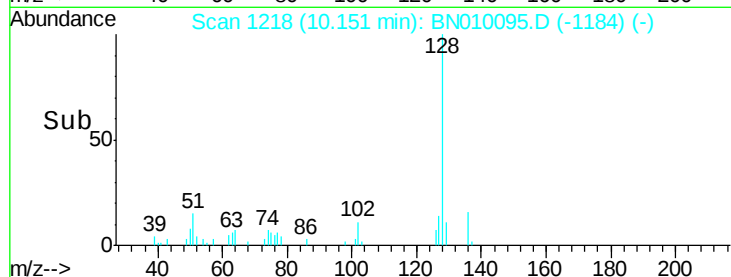
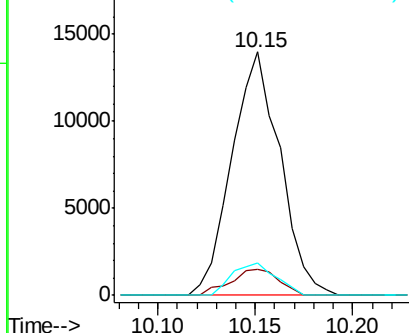


Abundance

Ion 128.00 (127.70 to 128.70): E

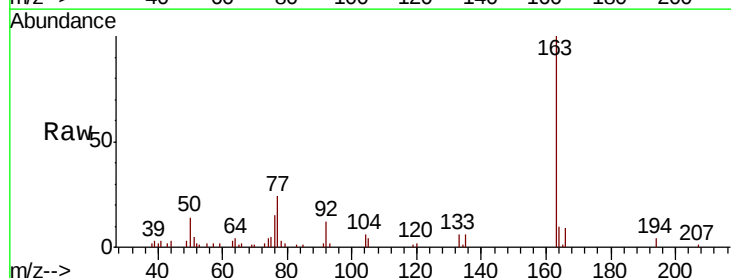
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#45
Dimethylphthalate
Concen: 2.510 ng/ul
RT: 13.48 min Scan# 1784
Delta R.T. -0.00 min
Lab File: BN010095.D
Acq: 05 Mar 2020 01:15

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.0
164	9.9	8.0	12.0

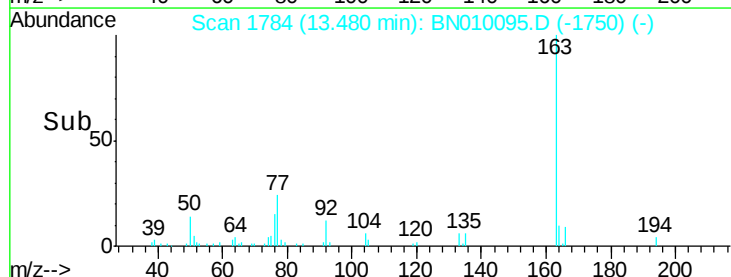
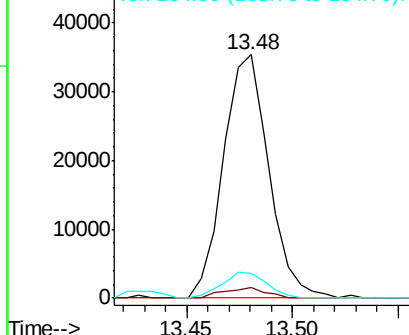


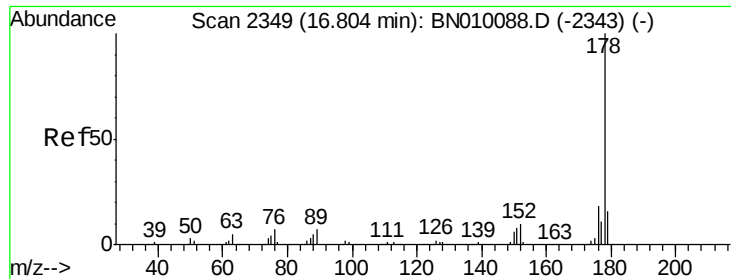
Abundance

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





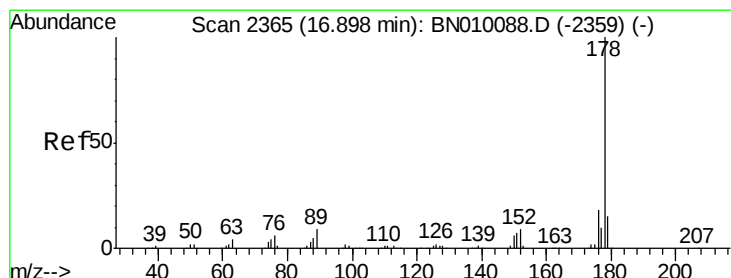
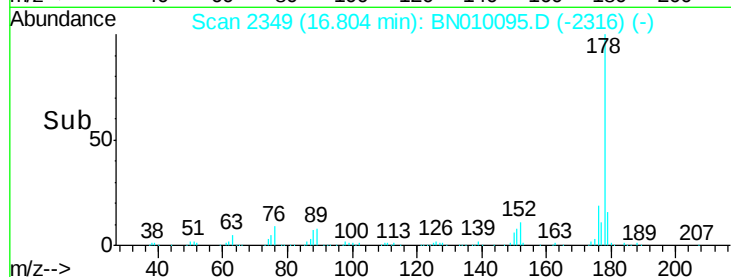
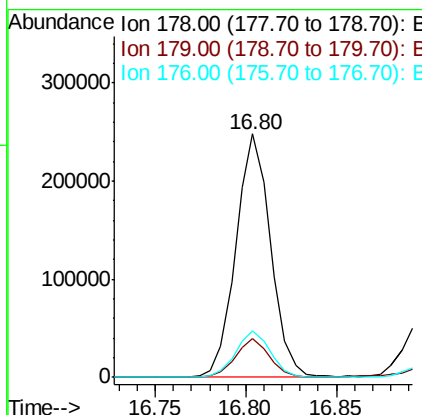
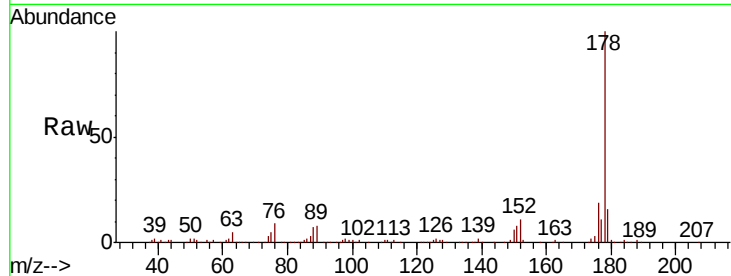
#70
Phenanthrene
Concen: 10.503 ng/ul
RT: 16.80 min Scan# 2349
Delta R.T. -0.01 min
Lab File: BN010095.D
Acq: 05 Mar 2020 01:15

Instrument :
BNA_N
ClientSampleId :
CB702

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.5	18.7
176	19.4	14.6	22.0

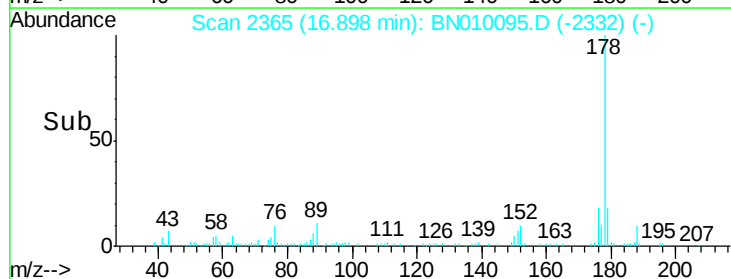
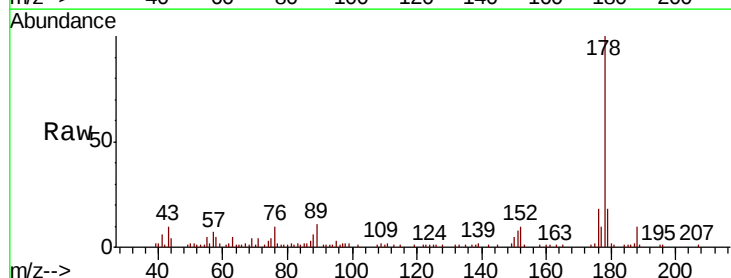
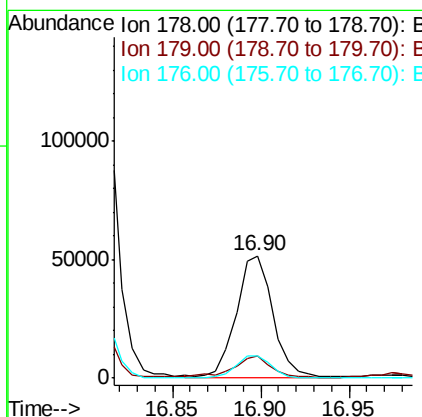
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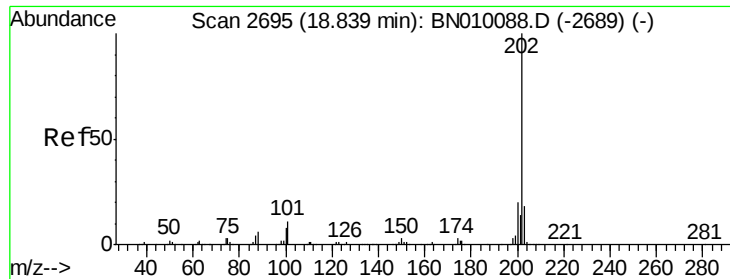
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#72
Anthracene
Concen: 2.363 ng/ul m
RT: 16.90 min Scan# 2365
Delta R.T. -0.01 min
Lab File: BN010095.D
Acq: 05 Mar 2020 01:15

Tgt Ion	Ratio	Lower	Upper
178	100		
179	18.4	12.2	18.2#
176	17.9	14.6	21.8





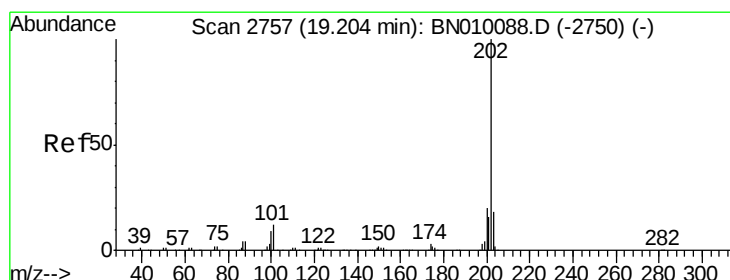
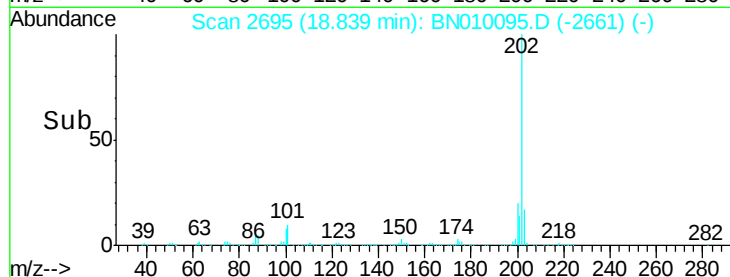
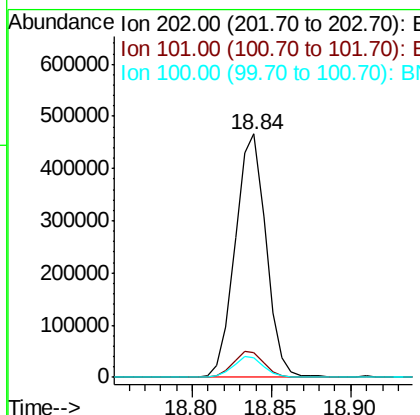
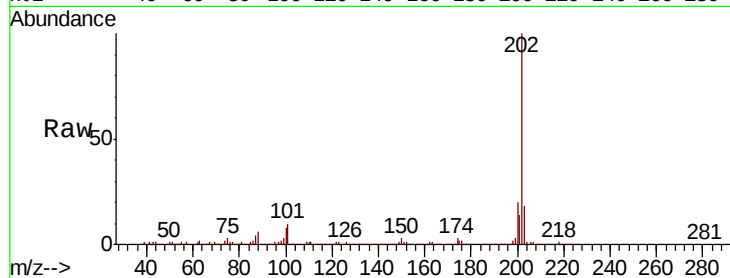
#77
Fluoranthene
Concen: 17.093 ng/ul
RT: 18.84 min Scan# 2695
Delta R.T. -0.00 min
Lab File: BN010095.D
Acq: 05 Mar 2020 01:15

Instrument :
BNA_N
ClientSampleId :
CB702

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	10.1	9.4	14.2
100	8.0	7.2	10.8

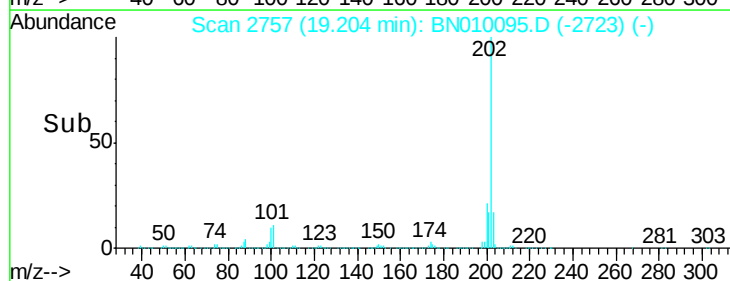
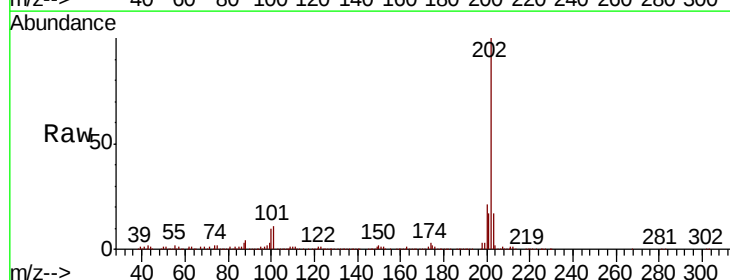
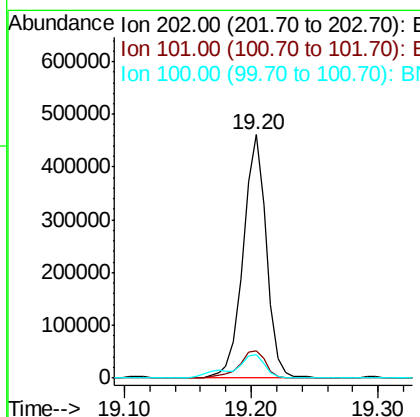
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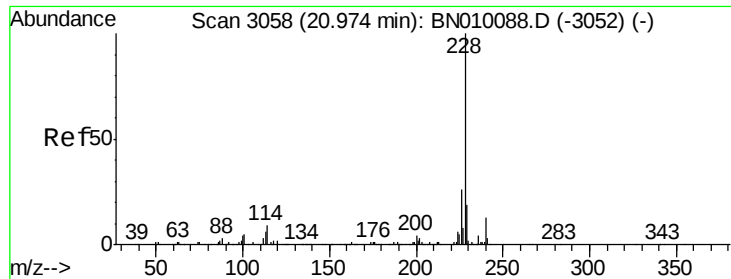
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#80
Pyrene
Concen: 16.929 ng/ul
RT: 19.20 min Scan# 2757
Delta R.T. -0.00 min
Lab File: BN010095.D
Acq: 05 Mar 2020 01:15

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	11.4	11.3	16.9
100	9.8	9.0	13.6





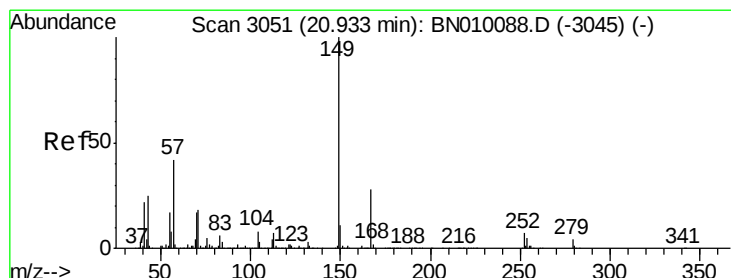
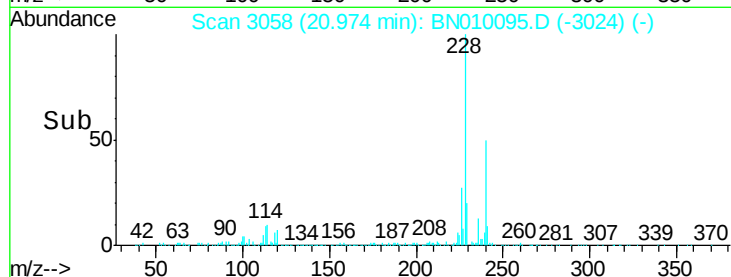
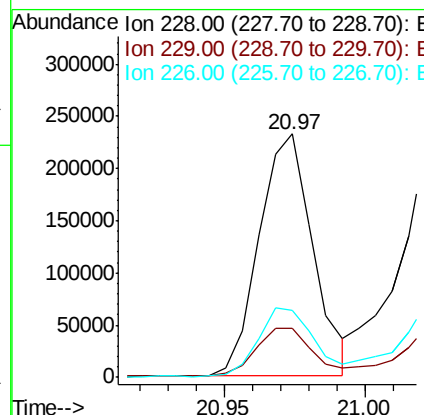
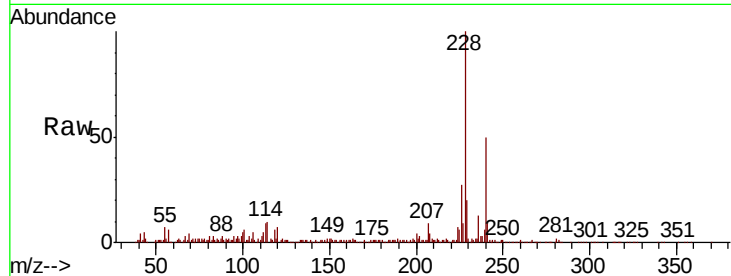
#83
Benzo(a)anthracene
Concen: 9.355 ng/ul
RT: 20.97 min Scan# 3058
Delta R.T. -0.00 min
Lab File: BN010095.D
Acq: 05 Mar 2020 01:15

Instrument :
BNA_N
ClientSampleId :
CB702

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.0	22.4
226	27.4	21.4	32.2

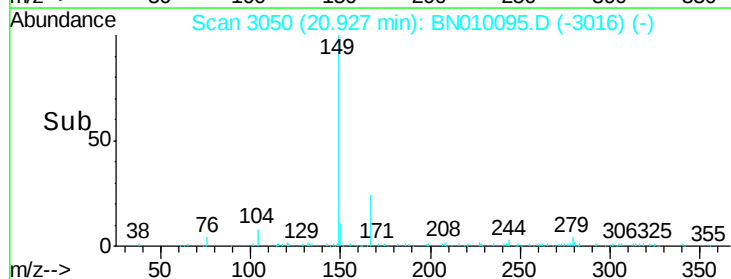
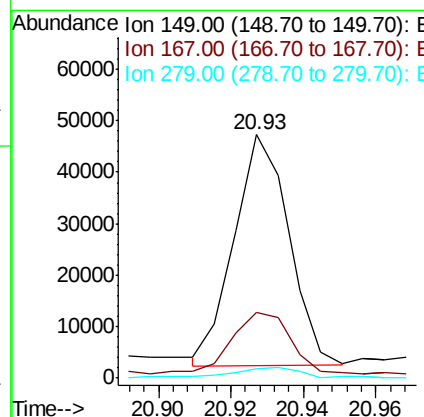
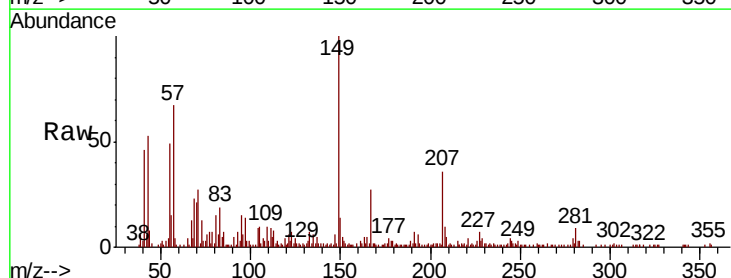
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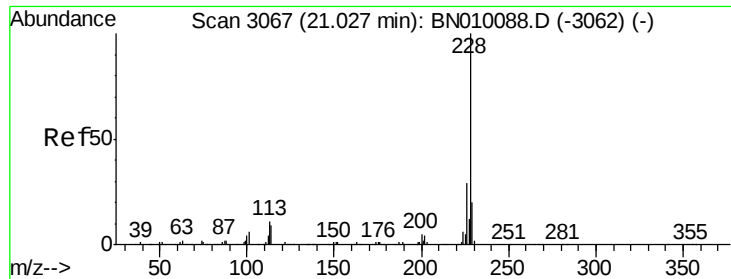
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#84
Bis(2-ethylhexyl)phthalate
Concen: 2.178 ng/ul
RT: 20.93 min Scan# 3050
Delta R.T. -0.00 min
Lab File: BN010095.D
Acq: 05 Mar 2020 01:15

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.0	31.6
279	4.1	3.0	4.6





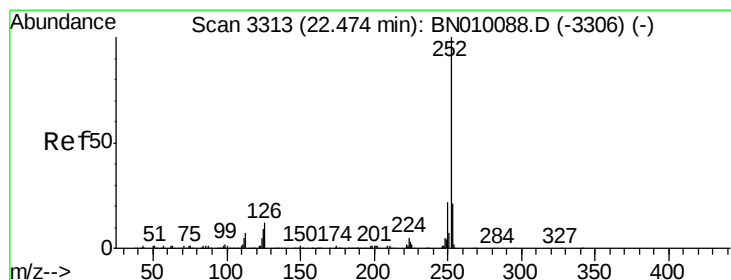
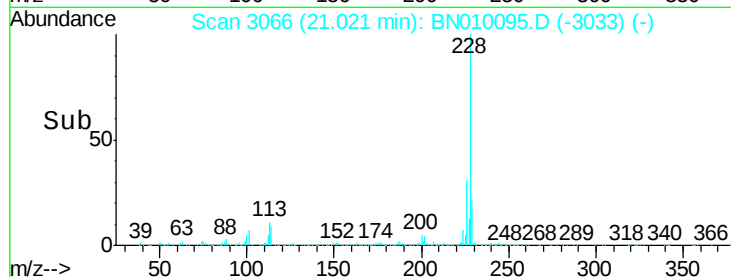
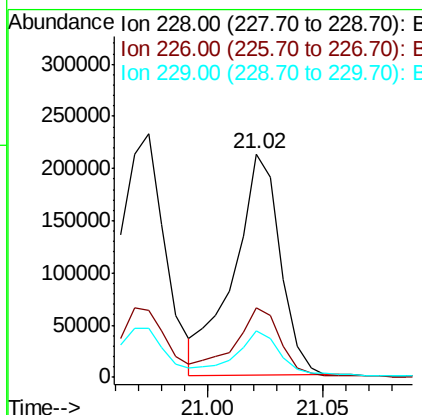
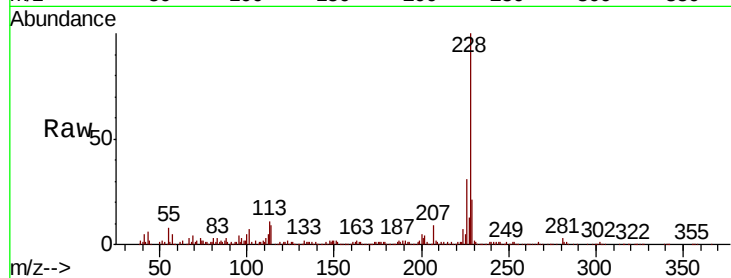
#85
Chrysene
Concen: 9.171 ng/ul
RT: 21.02 min Scan# 3066
Delta R.T. -0.01 min
Lab File: BN010095.D
Acq: 05 Mar 2020 01:15

Instrument :
BNA_N
ClientSampleId :
CB702

Tot Ion:	228	Resp:	296787
Ion Ratio	Lower	Upper	
228	100		
226	31.3	23.4	35.2
229	21.0	15.0	22.4

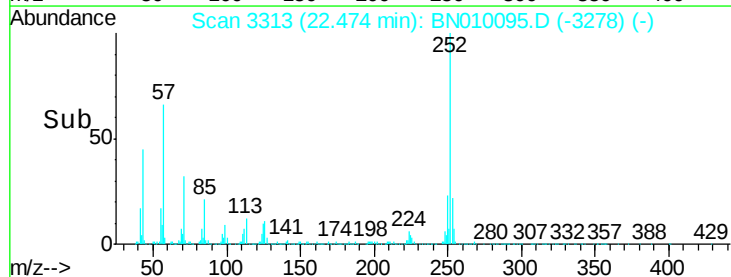
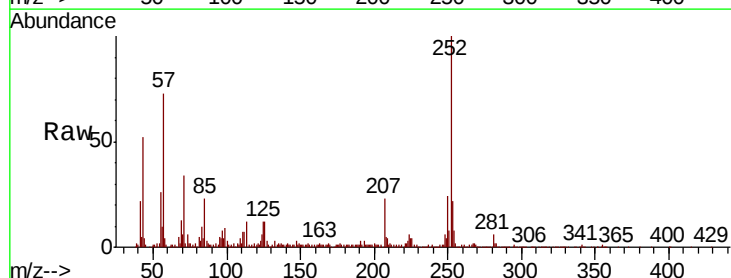
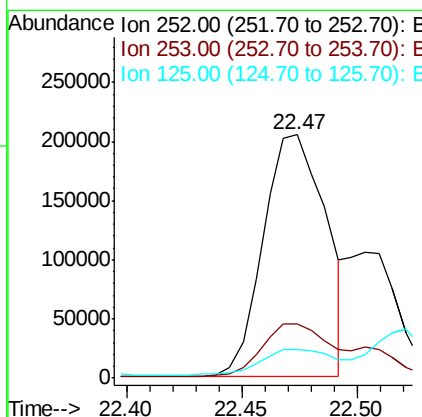
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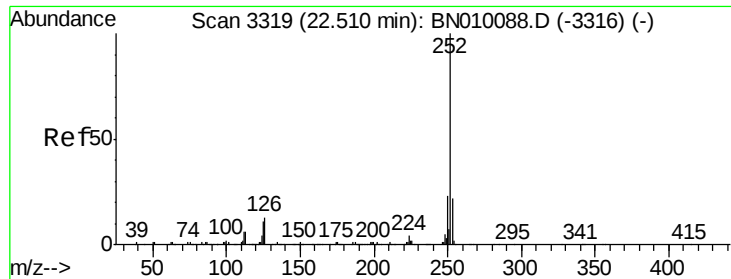
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#88
Benzo(b)fluoranthene
Concen: 11.415 ng/ul
RT: 22.47 min Scan# 3313
Delta R.T. 0.01 min
Lab File: BN010095.D
Acq: 05 Mar 2020 01:15

Tgt Ion:	252	Resp:	387099
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.0	25.4
125	11.9	8.0	12.0





#89

Benzo(k)fluoranthene

Concen: 4.994 ng/ul m

RT: 22.50 min Scan# 3318

Delta R.T. -0.01 min

Lab File: BN010095.D

Acq: 05 Mar 2020 01:15

Instrument :

BNA_N

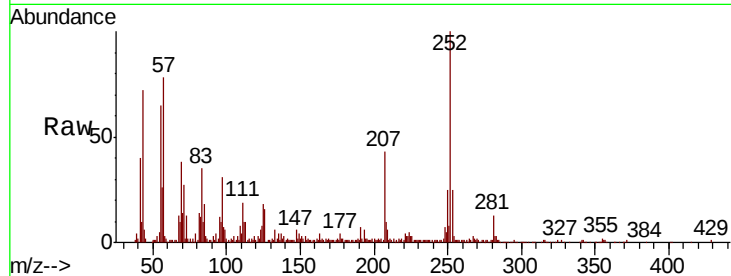
ClientSampled :

CB702

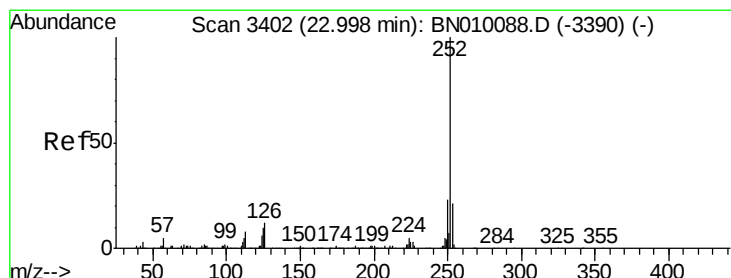
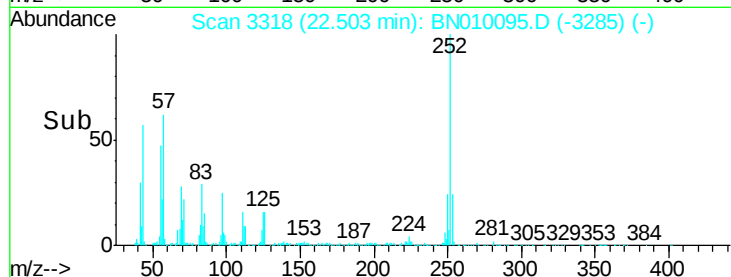
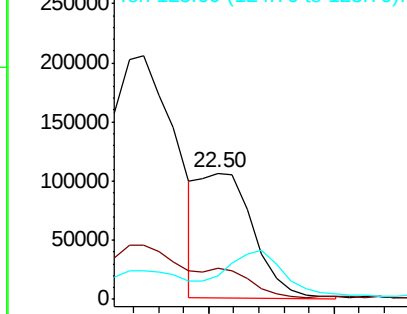
Tot Ion:	252	Resp:	160364
Ion Ratio	Lower	Upper	
252	100		
253	24.7	18.0	27.0
125	18.4	8.2	12.2#

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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: 9.156 ng/ul

RT: 22.99 min Scan# 3401

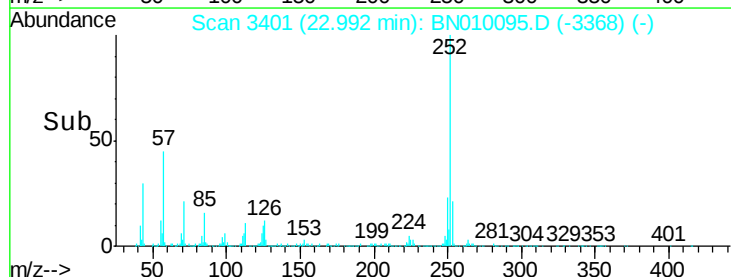
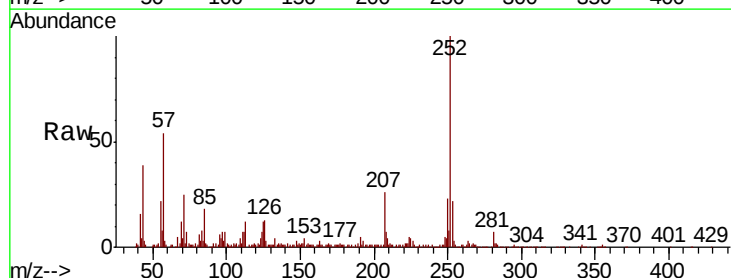
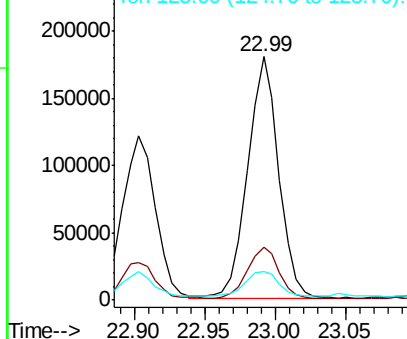
Delta R.T. -0.01 min

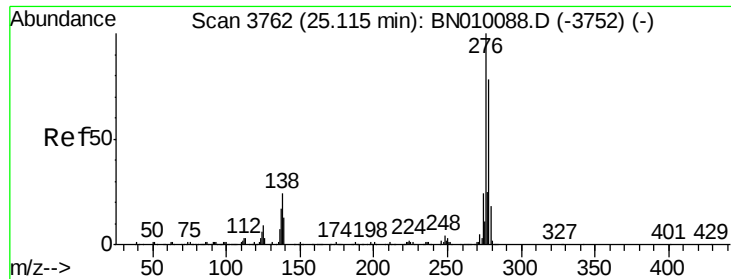
Lab File: BN010095.D

Acq: 05 Mar 2020 01:15

Tgt Ion:	252	Resp:	279264
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.4	26.0
125	12.0	9.0	13.6

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: 5.383 ng/uL

RT: 25.12 min Scan# 3762

Delta R.T. -0.00 min

Lab File: BN010095.D

Acq: 05 Mar 2020 01:15

Instrument :

BNA_N

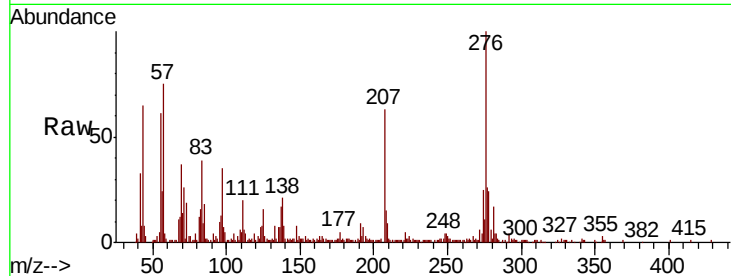
ClientSampled :

CB702

Tot Ion:	276	Resp:	194923
Ion Ratio	Lower	Upper	
276	100		
138	21.1	20.9	31.3
277	25.9	18.2	27.4

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3/5/2020 3:56:34 PM

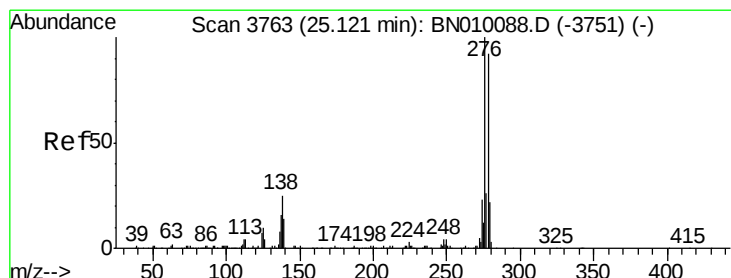
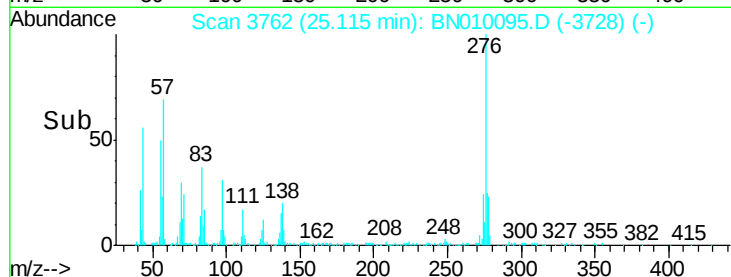
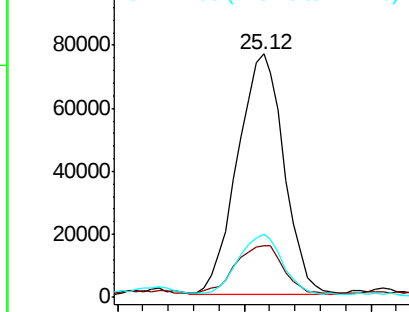


Abundance

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



#93

Dibenzo(a,h)anthracene

Concen: 1.755 ng/uL

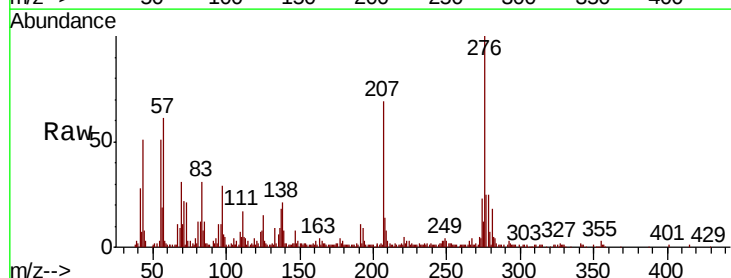
RT: 25.11 min Scan# 3761

Delta R.T. -0.01 min

Lab File: BN010095.D

Acq: 05 Mar 2020 01:15

Tgt Ion:	278	Resp:	54381
Ion Ratio	Lower	Upper	
278	100		
139	30.9	13.0	19.4#
279	25.8	17.5	26.3

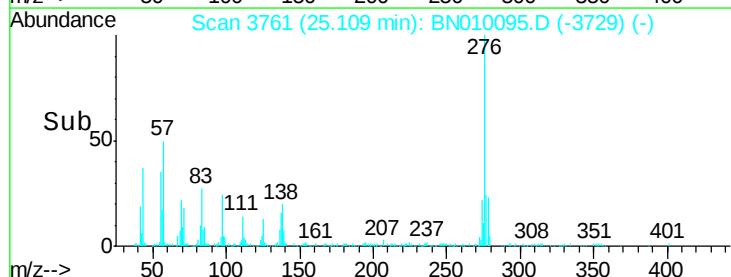
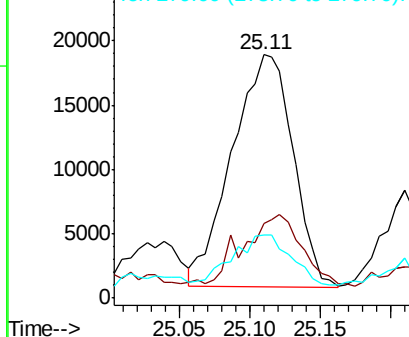


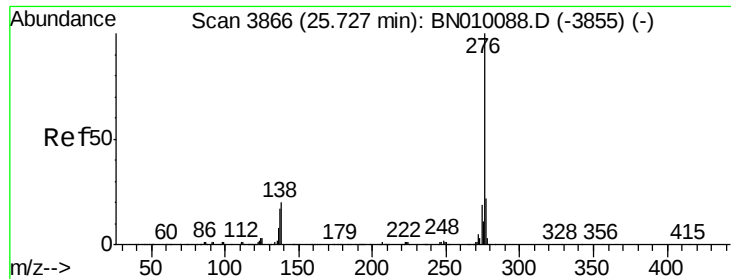
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#94
 Benzo(a,h,i)perylene
 Concen: 4.728 ng/ul
 RT: 25.73 min Scan# 3866
 Delta R.T. -0.00 min
 Lab File: BN010095.D
 Acq: 05 Mar 2020 01:15

Instrument :
 BNA_N
 ClientSampleId :
 CB702

Tot Ion:	276	Resp:	143562
Ion Ratio	Lower	Upper	
276	100		
138	22.4	17.5	26.3
277	24.6	18.1	27.1

Manual Integrations
 APPROVED

mohammad
 3/5/2020 3:56:34 PM

