

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN013020\
 Data File : BN009486.D
 Acq On : 30 Jan 2020 22:05
 Operator : CG/JU
 Sample : L1300-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C5AN6

Quant Time: Jan 31 01:41:33 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 22 15:13:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	183616	20.00	ng/ul	0.00
18) Naphthalene-d8	10.20	136	767052	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.09	164	486785	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.84	188	1018062	20.00	ng/ul	-0.01
77) Chrysene-d12	21.05	240	854264	20.00	ng/ul	0.00
85) Perylene-d12	23.16	264	950554	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.09	96	6513	1.47	ng/uL	0.00
5) Phenol-d5	6.66	99	116702	7.17	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	86452	7.48	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	89869	7.56	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	90006	6.94	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	43651	7.82	ng/ul	0.00
22) 2-Nitrophenol-d4	9.31	143	47471	8.11	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	88096	7.60	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	112393	8.02	ng/ul	0.00
43) Dimethylphthalate-d6	13.52	166	311043	8.63	ng/ul	0.00
46) Acenaphthylene-d8	13.78	160	350625	8.20	ng/ul	0.00
51) 4-Nitrophenol-d4	14.33	143	27580	4.11	ng/ul	0.00
57) Fluorene-d10	15.09	176	269102	8.51	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.23	200	31399	5.09	ng/ul	0.00
70) Anthracene-d10	16.94	188	403419	8.57	ng/ul	0.00
78) Pyrene-d10	19.25	212	463513	10.09	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.03	264	446600	9.31	ng/ul	0.00

Target Compounds

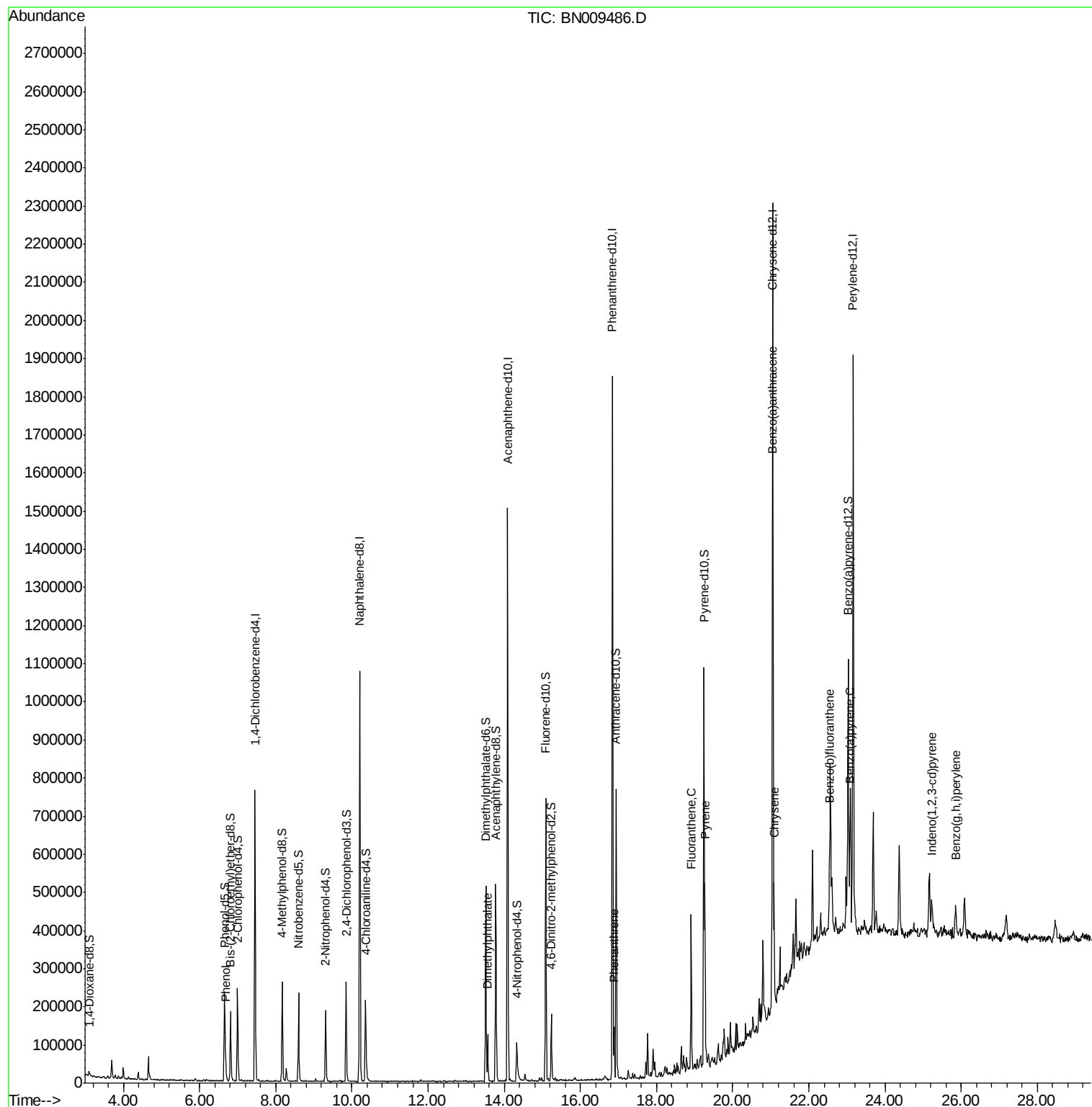
				Ovalue	
6) Phenol	6.68	94	23168	1.358	ng/ul 96
44) Dimethylphthalate	13.56	163	72948	1.967	ng/ul# 98
69) Phenanthrene	16.89	178	72878	1.269	ng/ul 97
76) Fluoranthene	18.91	202	223769	3.398	ng/ul 98
79) Pyrene	19.27	202	272809	4.410	ng/ul 98
82) Benzo(a)anthracene	21.03	228	143513	2.467	ng/ul 99
84) Chrysene	21.09	228	173275	3.058	ng/ul 98
87) Benzo(b)fluoranthene	22.54	252	162004	2.695	ng/ul 98
90) Benzo(a)pyrene	23.07	252	124644	2.310	ng/ul 99
91) Indeno(1,2,3-cd)pyrene	25.23	276	73333	1.122	ng/ul 93
93) Benzo(g,h,i)perylene	25.85	276	72576	1.335	ng/ul 95

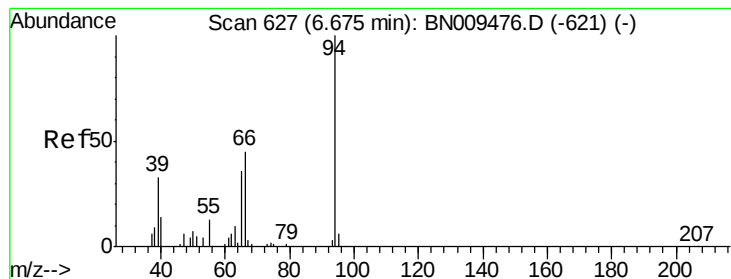
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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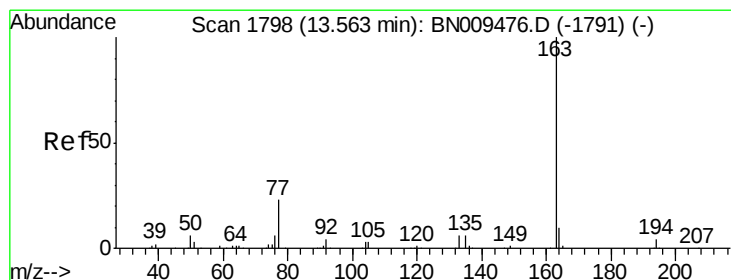
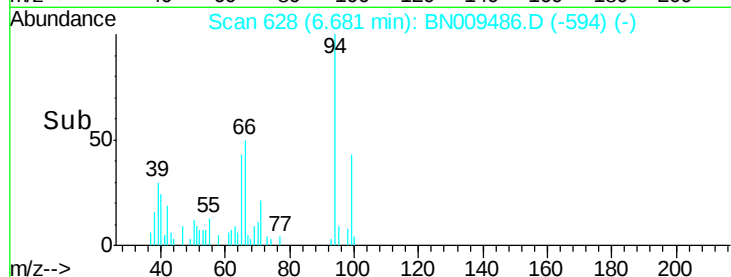
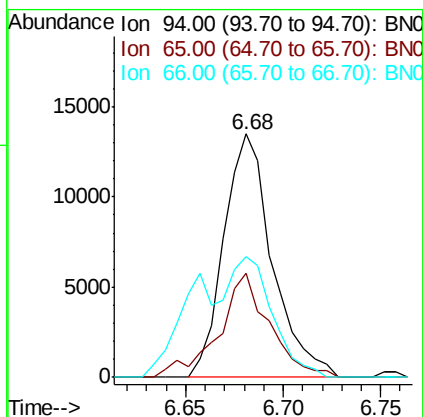
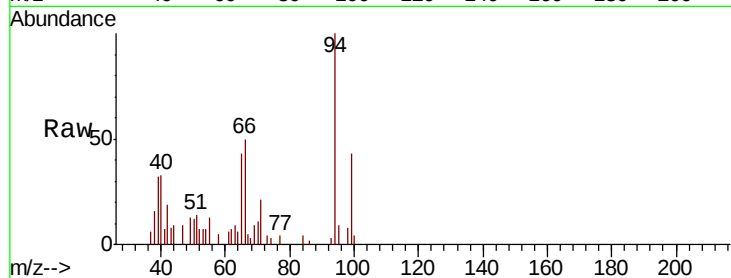
#6

Phenol

Concen: 1.358 ng/ul
 RT: 6.68 min Scan# 628
 Delta R.T. -0.00 min
 Lab File: BN009486.D
 Acq: 30 Jan 2020 22:05

Instrument :
 BNA_N
 ClientSampled :
 C5AN6

Tot Ion	Ratio	Lower	Upper
94	100		
65	42.8	29.4	44.0
66	49.7	39.8	59.8

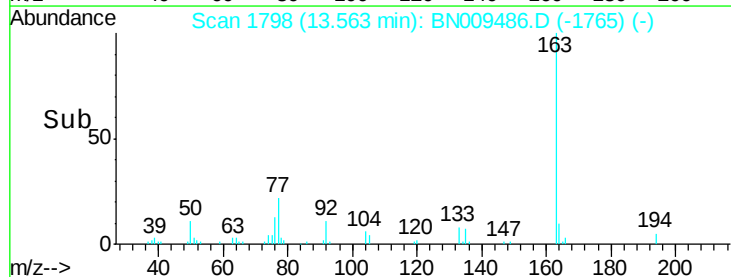
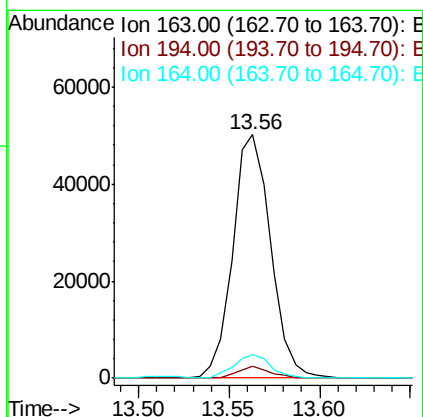
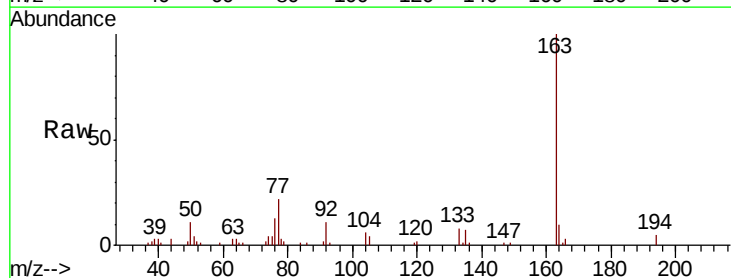


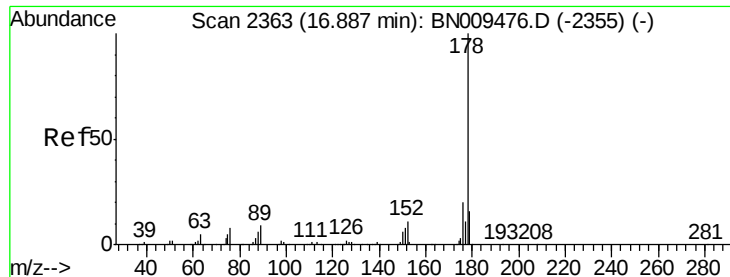
#44

Dimethylphthalate

Concen: 1.967 ng/ul
 RT: 13.56 min Scan# 1798
 Delta R.T. -0.01 min
 Lab File: BN009486.D
 Acq: 30 Jan 2020 22:05

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.1	3.1	4.7#
164	9.9	8.3	12.5





#69

Phenanthrene

Concen: 1.269 ng/ul

RT: 16.89 min Scan# 2363

Delta R.T. -0.01 min

Lab File: BN009486.D

Acq: 30 Jan 2020 22:05

Instrument :

BNA_N

ClientSampleId :

C5AN6

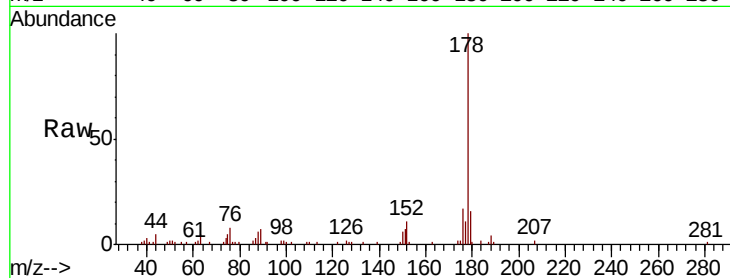
Tot Ion:178 Resp: 72878

Ion Ratio Lower Upper

178 100

179 16.1 13.3 19.9

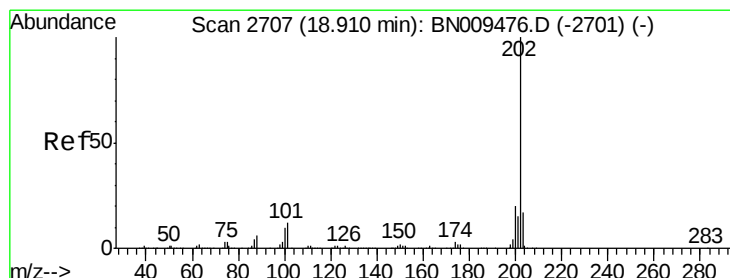
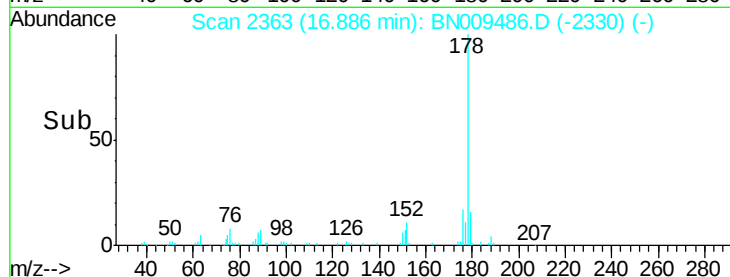
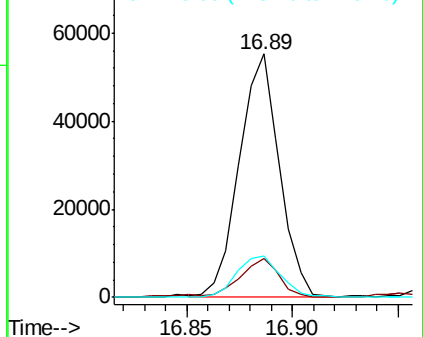
176 17.1 15.5 23.3



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



#76

Fluoranthene

Concen: 3.398 ng/ul

RT: 18.91 min Scan# 2707

Delta R.T. -0.01 min

Lab File: BN009486.D

Acq: 30 Jan 2020 22:05

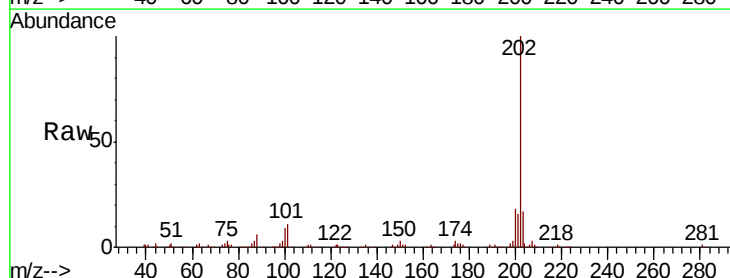
Tgt Ion:202 Resp: 223769

Ion Ratio Lower Upper

202 100

101 10.9 9.7 14.5

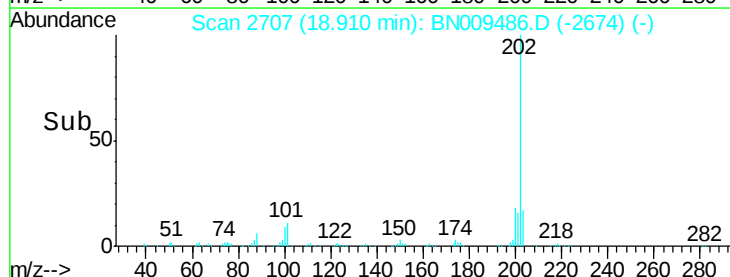
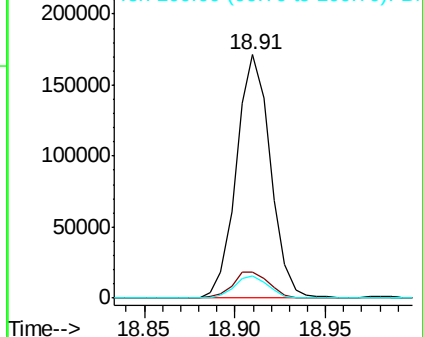
100 8.9 7.1 10.7

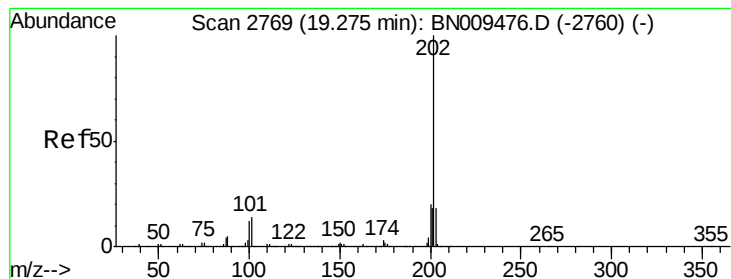


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#79

Pvrene

Concen: 4.410 ng/ul

RT: 19.27 min Scan# 2769

Delta R.T. -0.01 min

Lab File: BN009486.D

Acq: 30 Jan 2020 22:05

Instrument :

BNA_N

ClientSampled :

C5AN6

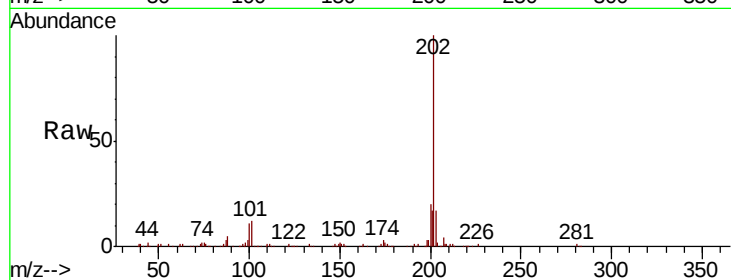
Tot Ion:202 Resp: 272809

Ion Ratio Lower Upper

202 100

101 12.1 10.9 16.3

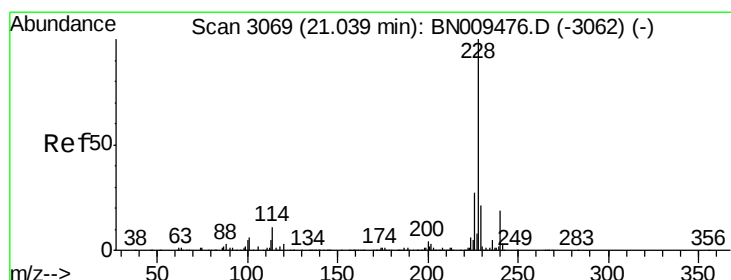
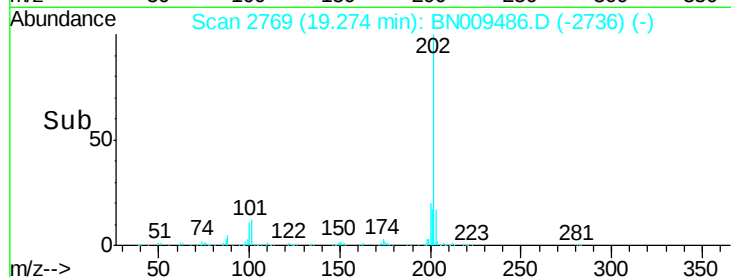
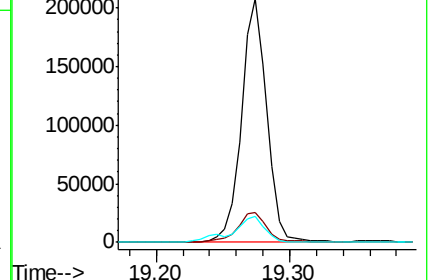
100 10.9 8.6 12.8



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



#82

Benzo(a)anthracene

Concen: 2.467 ng/ul

RT: 21.03 min Scan# 3068

Delta R.T. -0.01 min

Lab File: BN009486.D

Acq: 30 Jan 2020 22:05

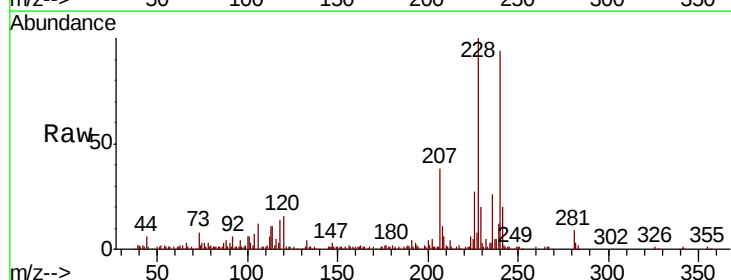
Tgt Ion:228 Resp: 143513

Ion Ratio Lower Upper

228 100

229 19.9 15.9 23.9

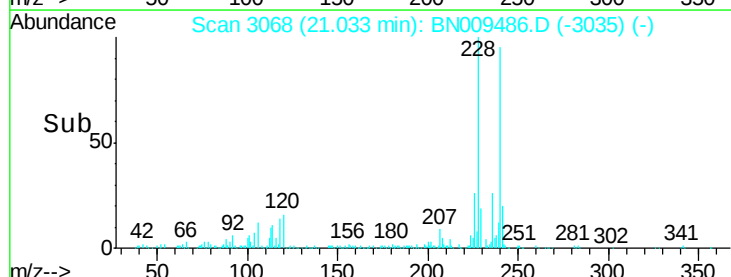
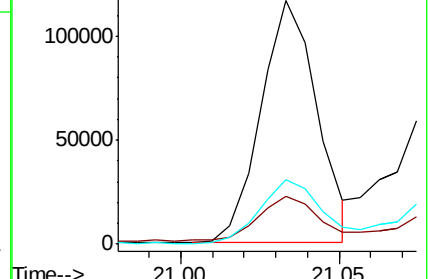
226 26.6 20.9 31.3

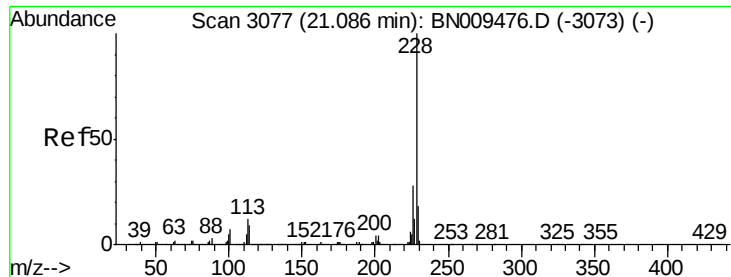


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#84

Chrysene

Concen: 3.058 ng/ul

RT: 21.09 min Scan# 3077

Delta R.T. -0.01 min

Lab File: BN009486.D

Acq: 30 Jan 2020 22:05

Instrument :

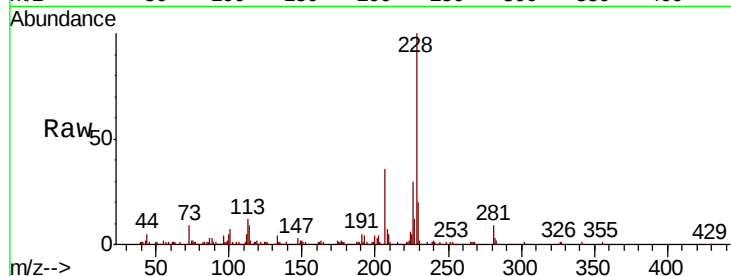
BNA_N

ClientSampleId :

C5AN6

Tot Ion:228 Resp: 173275

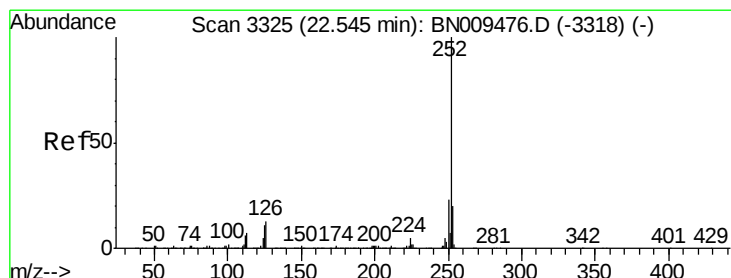
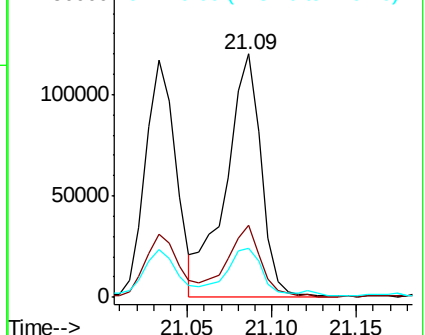
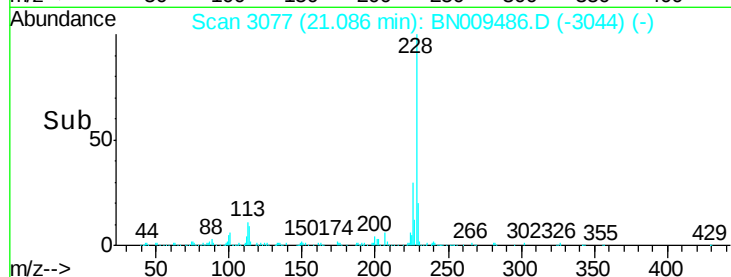
Ion	Ratio	Lower	Upper
228	100		
226	29.8	22.9	34.3
229	20.2	15.4	23.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#87

Benzo(b)fluoranthene

Concen: 2.695 ng/ul

RT: 22.54 min Scan# 3325

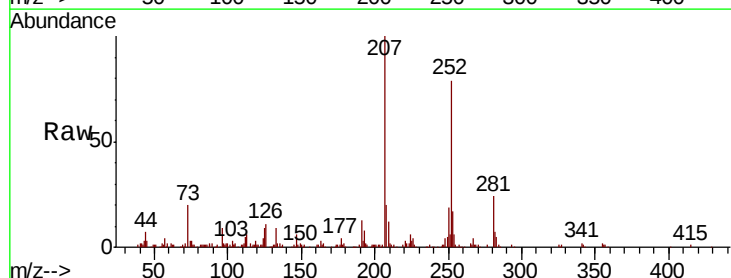
Delta R.T. -0.01 min

Lab File: BN009486.D

Acq: 30 Jan 2020 22:05

Tgt Ion:252 Resp: 162004

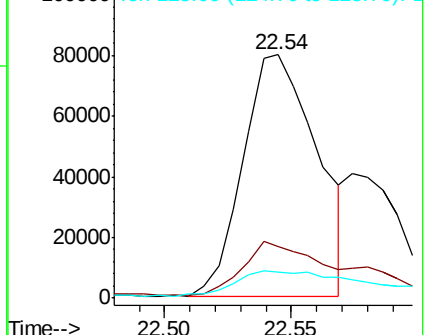
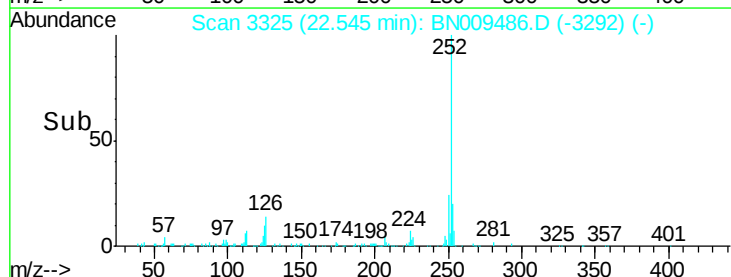
Ion	Ratio	Lower	Upper
252	100		
253	21.4	16.5	24.7
125	10.9	8.2	12.2

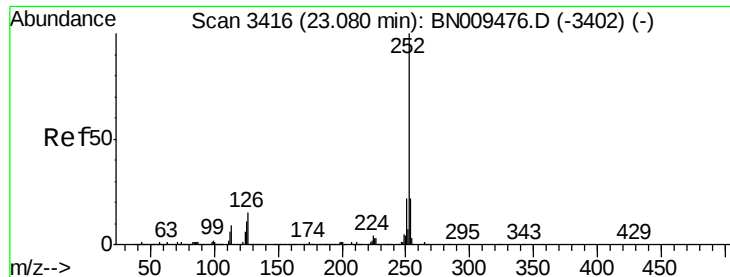


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 2.310 ng/ul

RT: 23.07 min Scan# 3415

Delta R.T. -0.01 min

Lab File: BN009486.D

Acq: 30 Jan 2020 22:05

Instrument :

BNA_N

ClientSampled :

C5AN6

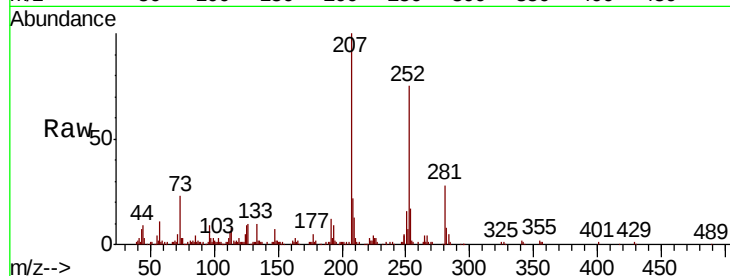
Tot Ion:252 Resp: 124644

Ion Ratio Lower Upper

252 100

253 22.2 18.0 27.0

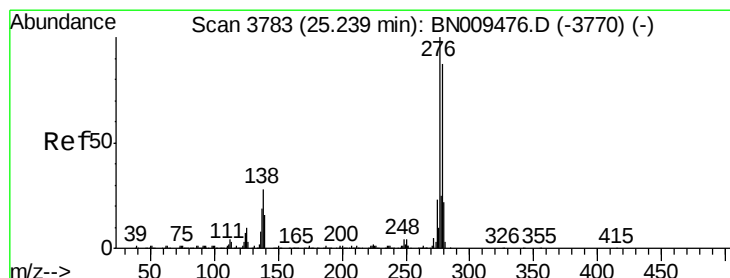
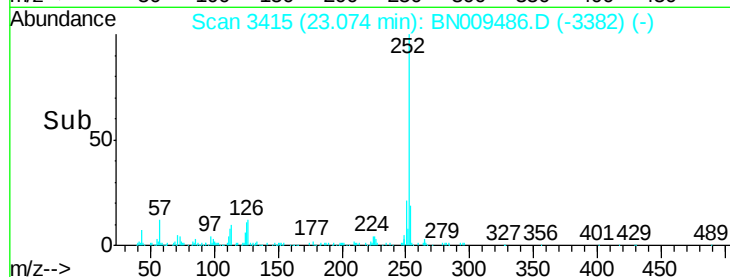
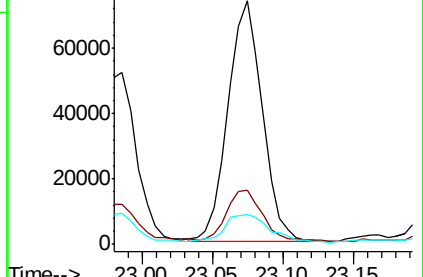
125 12.5 9.8 14.6



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



#91

Indeno(1,2,3-cd)pyrene

Concen: 1.122 ng/ul

RT: 25.23 min Scan# 3781

Delta R.T. -0.02 min

Lab File: BN009486.D

Acq: 30 Jan 2020 22:05

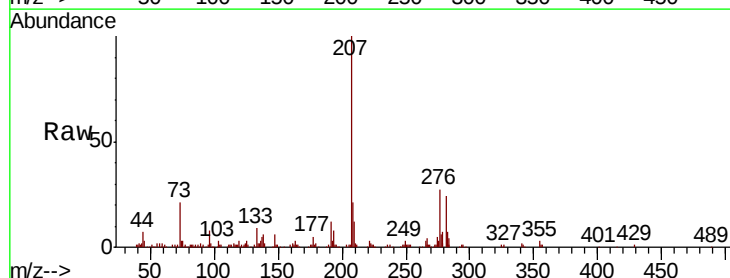
Tgt Ion:276 Resp: 73333

Ion Ratio Lower Upper

276 100

138 24.0 21.4 32.0

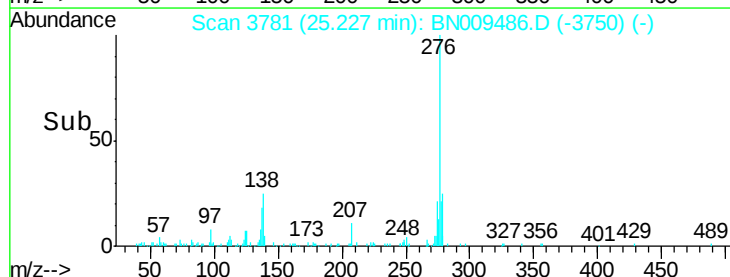
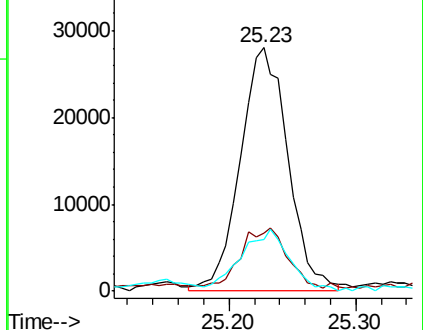
277 21.2 20.4 30.6

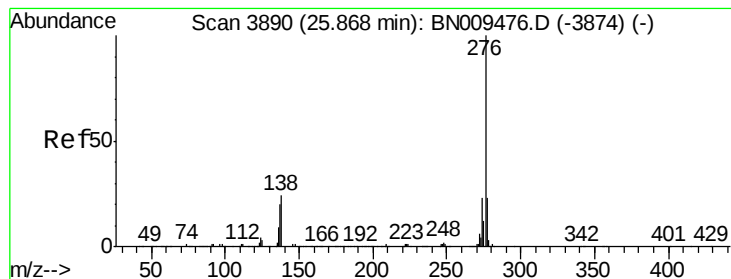


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#93

Benzo(a,h,i)perylene

Concen: 1.335 ng/ul

RT: 25.85 min Scan# 3887

Delta R.T. -0.02 min

Lab File: BN009486.D

Acq: 30 Jan 2020 22:05

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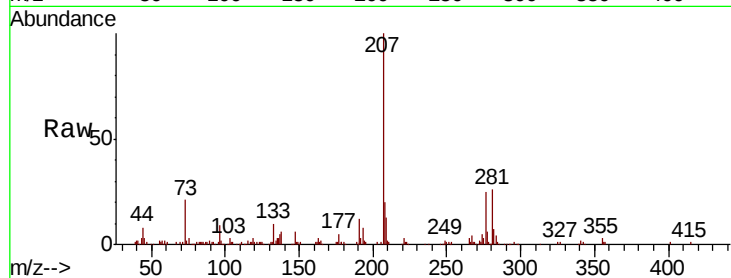
Tot Ion:276 Resp: 72576

Ion Ratio Lower Upper

276 100

138 24.6 16.6 24.8

277 22.6 18.7 28.1



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

