

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN013020\
 Data File : BN009496.D
 Acq On : 31 Jan 2020 04:38
 Operator : CG/JU
 Sample : L1300-14
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C5AR6

Quant Time: Jan 31 06:23:09 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 31 00:47:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	155652	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.20	136	652005	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.09	164	419489	20.00	ng/ul	-0.01
61) Phenanthrene-d10	16.84	188	877918	20.00	ng/ul	-0.01
77) Chrysene-d12	21.05	240	788350	20.00	ng/ul	0.00
85) Perylene-d12	23.16	264	861453	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.09	96	5267	1.40	ng/uL	0.00
5) Phenol-d5	6.65	99	105503	7.64	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	81940	8.36	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	87656	8.70	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	75412	6.86	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	42147	8.89	ng/ul	0.00
22) 2-Nitrophenol-d4	9.31	143	44767	9.00	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	80433	8.16	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	101966	8.56	ng/ul	0.00
43) Dimethylphthalate-d6	13.52	166	295906	9.53	ng/ul	0.00
46) Acenaphthylene-d8	13.77	160	338191	9.18	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.33	143	32815	5.68	ng/ul	0.00
57) Fluorene-d10	15.09	176	259081	9.51	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.23	200	30172	5.68	ng/ul	0.00
70) Anthracene-d10	16.94	188	386875	9.53	ng/ul	0.00
78) Pyrene-d10	19.25	212	470336	11.09	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.03	264	450514	10.36	ng/ul	0.00

Target Compounds

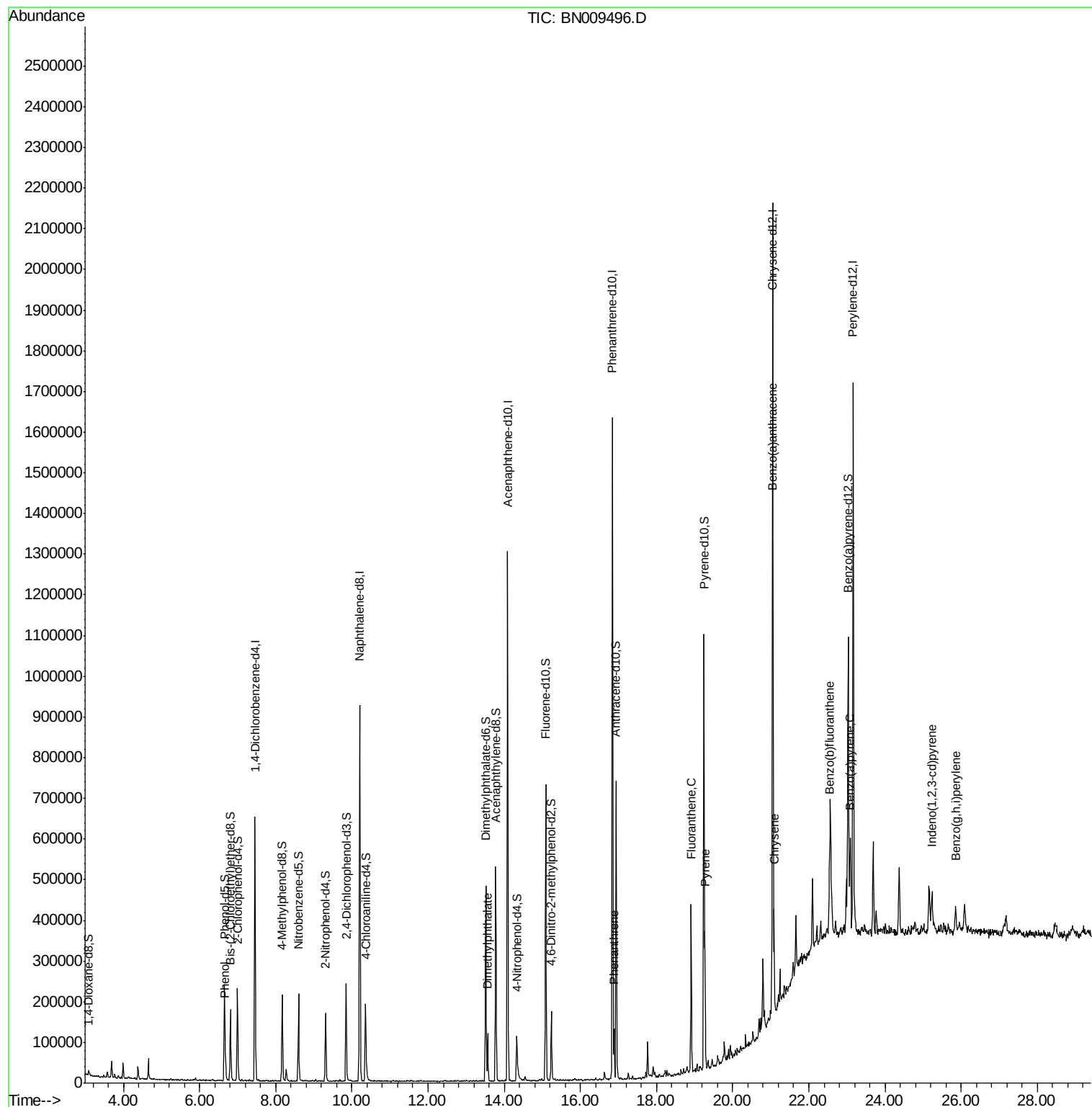
					Ovalue
6) Phenol	6.68	94	19099	1.321 ng/ul	96
44) Dimethylphthalate	13.56	163	66324	2.075 ng/ul#	98
69) Phenanthrene	16.89	178	70711	1.427 ng/ul	92
76) Fluoranthene	18.91	202	222005	3.910 ng/ul	99
79) Pyrene	19.27	202	188226	3.297 ng/ul	99
82) Benzo(a)anthracene	21.03	228	107392	2.000 ng/ul	99
84) Chrysene	21.09	228	134619	2.574 ng/ul	99
87) Benzo(b)fluoranthene	22.55	252	181057	3.324 ng/ul	96
90) Benzo(a)pyrene	23.07	252	103473	2.116 ng/ul	96
91) Indeno(1,2,3-cd)pyrene	25.23	276	72941	1.231 ng/ul	97
93) Benzo(g,h,i)perylene	25.86	276	66663	1.353 ng/ul	96

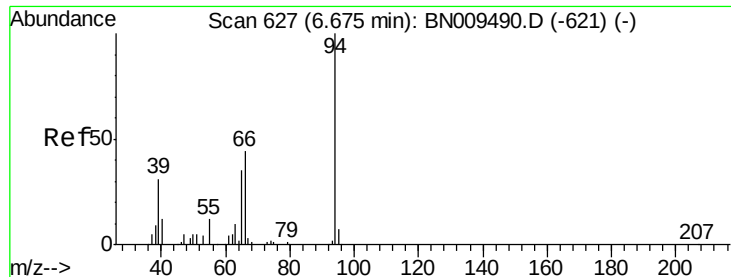
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jan 31 00:47:12 2020
Response via : Initial Calibration





#6

Phenol

Concen: 1.321 ng/ul

RT: 6.68 min Scan# 627

Delta R.T. -0.01 min

Lab File: BN009496.D

Acq: 31 Jan 2020 04:38

Instrument :

BNA_N

ClientSampled :

C5AR6

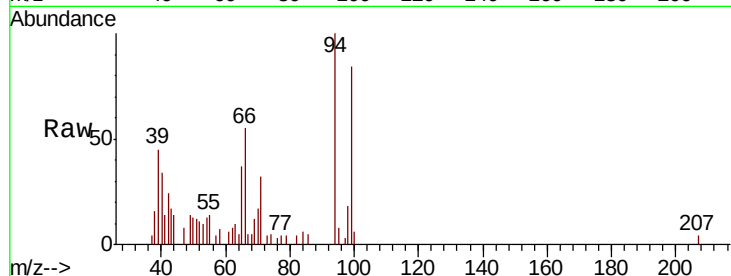
Tot Ion: 94 Resp: 19099

Ion Ratio Lower Upper

94 100

65 36.8 29.4 44.0

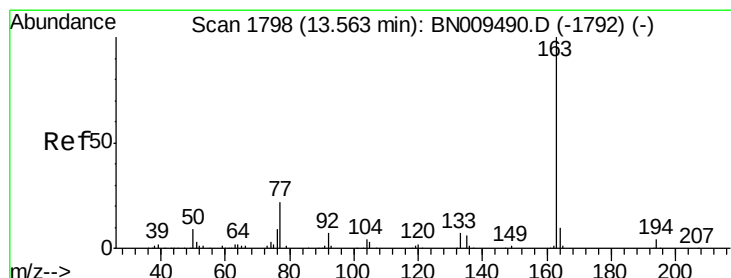
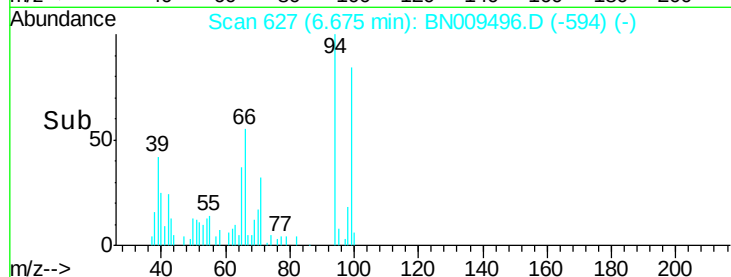
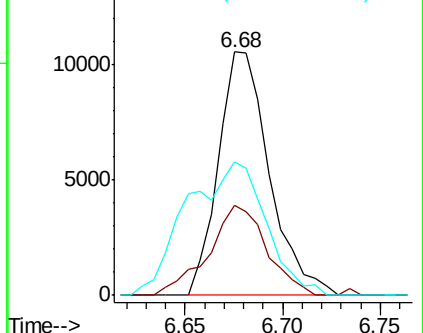
66 55.0 39.8 59.8



Abundance Ion 94.00 (93.70 to 94.70): BN009496.D (-594) (-)

Ion 65.00 (64.70 to 65.70): BN009496.D (-594) (-)

Ion 66.00 (65.70 to 66.70): BN009496.D (-594) (-)



#44

Dimethylphthalate

Concen: 2.075 ng/ul

RT: 13.56 min Scan# 1798

Delta R.T. -0.01 min

Lab File: BN009496.D

Acq: 31 Jan 2020 04:38

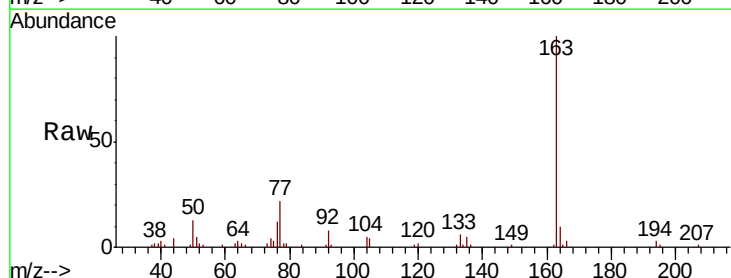
Tgt Ion: 163 Resp: 66324

Ion Ratio Lower Upper

163 100

194 3.1 3.1 4.7#

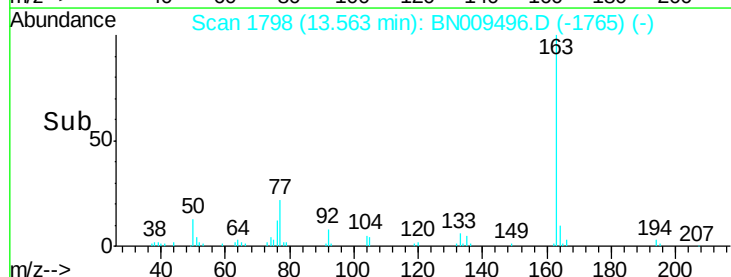
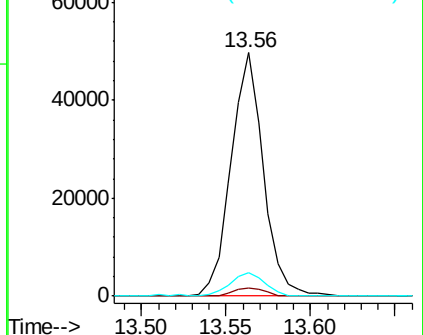
164 9.8 8.3 12.5

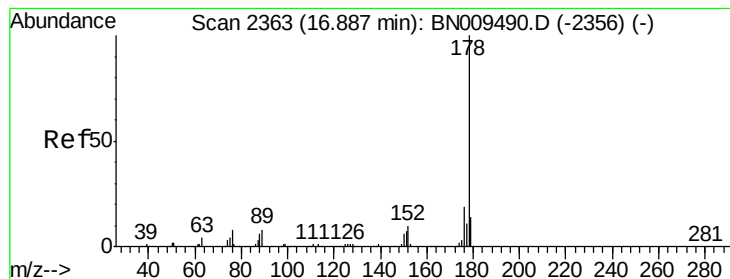


Abundance Ion 163.00 (162.70 to 163.70): BN009496.D (-1765) (-)

Ion 194.00 (193.70 to 194.70): BN009496.D (-1765) (-)

Ion 164.00 (163.70 to 164.70): BN009496.D (-1765) (-)





#69

Phenanthrene

Concen: 1.427 ng/ul

RT: 16.89 min Scan# 2363

Delta R.T. -0.01 min

Lab File: BN009496.D

Acq: 31 Jan 2020 04:38

Instrument :

BNA_N

ClientSampleId :

C5AR6

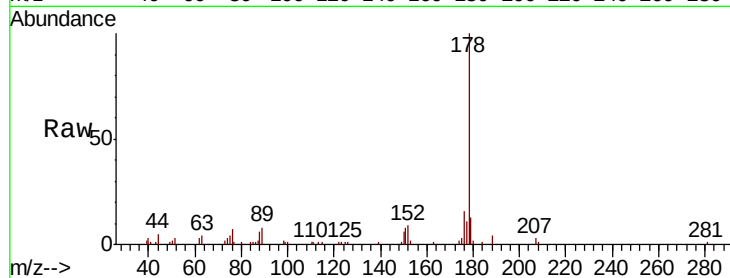
Tot Ion:178 Resp: 70711

Ion Ratio Lower Upper

178 100

179 13.4 13.3 19.9

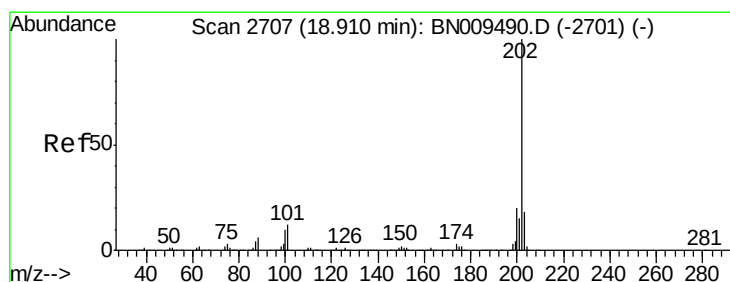
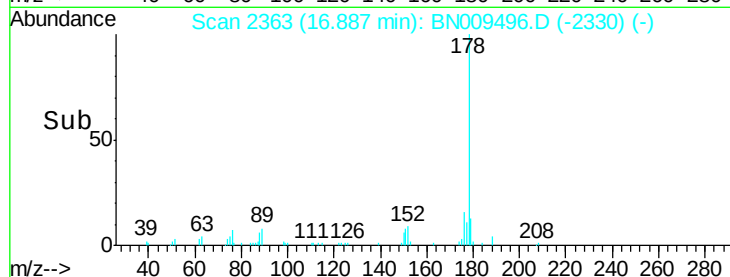
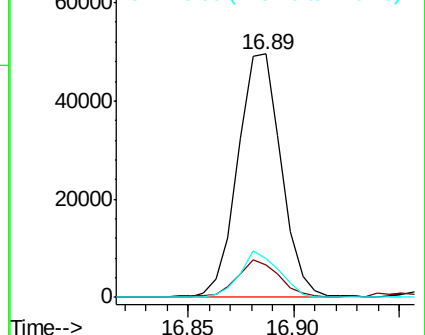
176 15.9 15.5 23.3



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: 3.910 ng/ul

RT: 18.91 min Scan# 2707

Delta R.T. -0.01 min

Lab File: BN009496.D

Acq: 31 Jan 2020 04:38

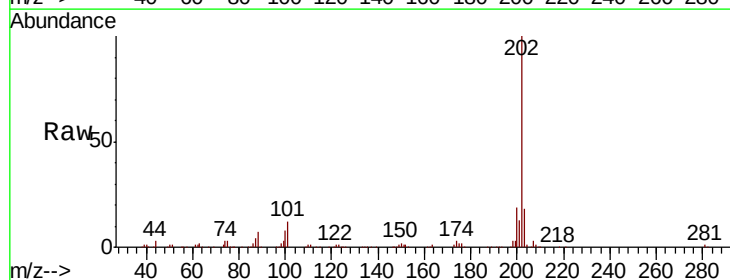
Tgt Ion:202 Resp: 222005

Ion Ratio Lower Upper

202 100

101 11.8 9.7 14.5

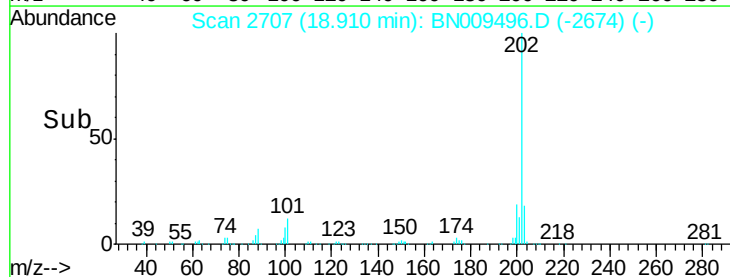
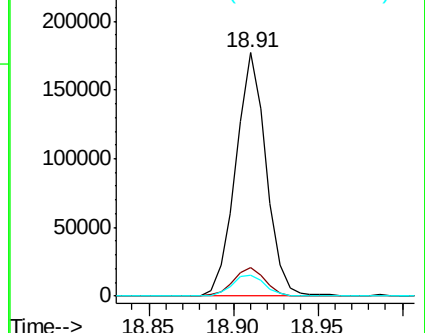
100 8.3 7.1 10.7

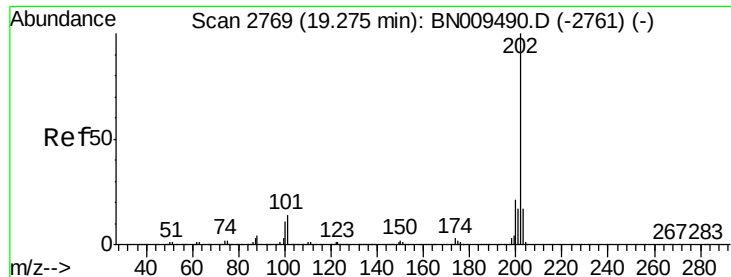


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#79

Pvrene

Concen: 3.297 ng/ul

RT: 19.27 min Scan# 2769

Delta R.T. -0.01 min

Lab File: BN009496.D

Acq: 31 Jan 2020 04:38

Instrument :

BNA_N

ClientSampleId :

C5AR6

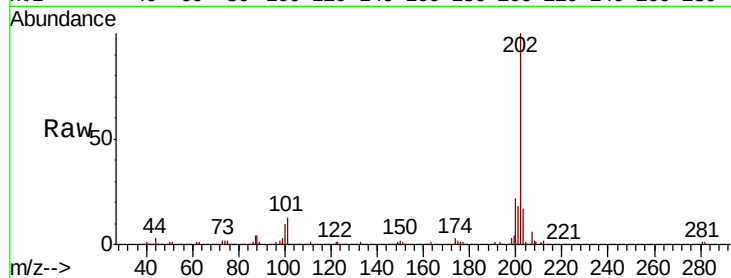
Tot Ion:202 Resp: 188226

Ion Ratio Lower Upper

202 100

101 13.5 10.9 16.3

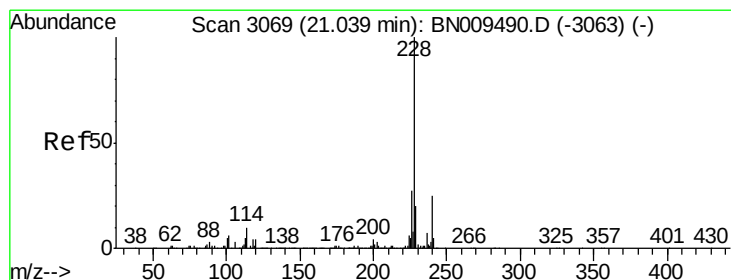
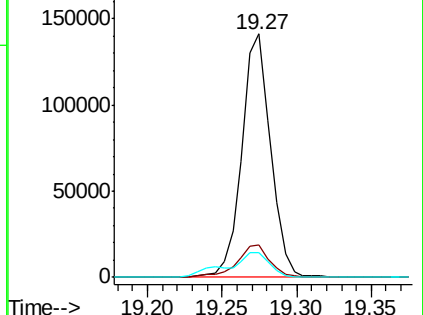
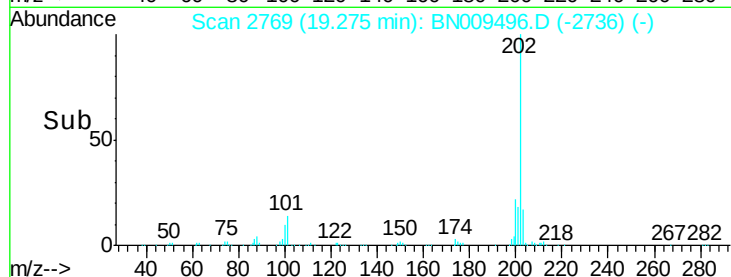
100 10.3 8.6 12.8



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: 2.000 ng/ul

RT: 21.03 min Scan# 3068

Delta R.T. -0.01 min

Lab File: BN009496.D

Acq: 31 Jan 2020 04:38

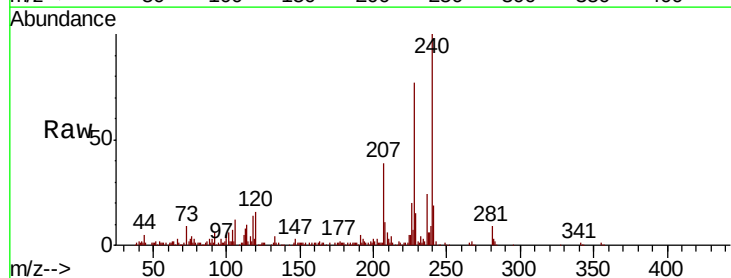
Tgt Ion:228 Resp: 107392

Ion Ratio Lower Upper

228 100

229 19.4 15.9 23.9

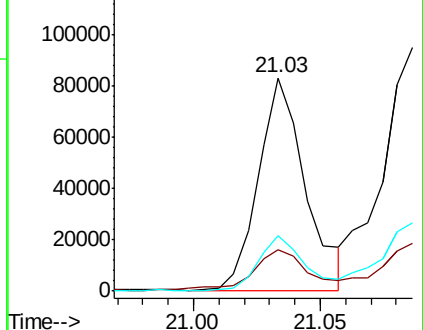
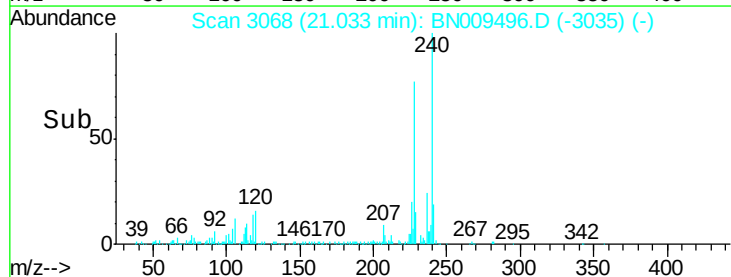
226 25.8 20.9 31.3

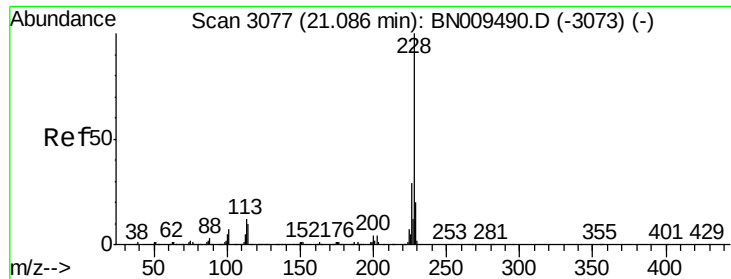


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#84

Chrysene

Concen: 2.574 ng/ul

RT: 21.09 min Scan# 3077

Delta R.T. -0.01 min

Lab File: BN009496.D

Acq: 31 Jan 2020 04:38

Instrument :

BNA_N

ClientSampleId :

C5AR6

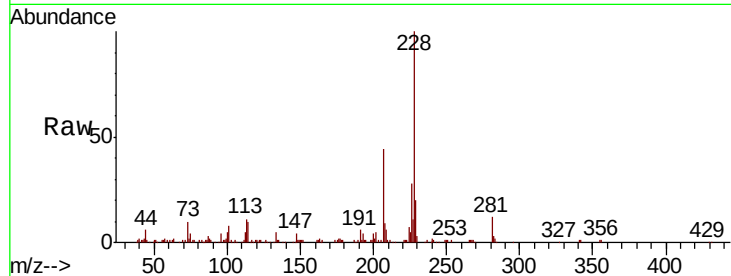
Tot Ion:228 Resp: 134619

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.9	34.3
229	19.7	15.4	23.0

228 100

226 27.8 22.9 34.3

229 19.7 15.4 23.0

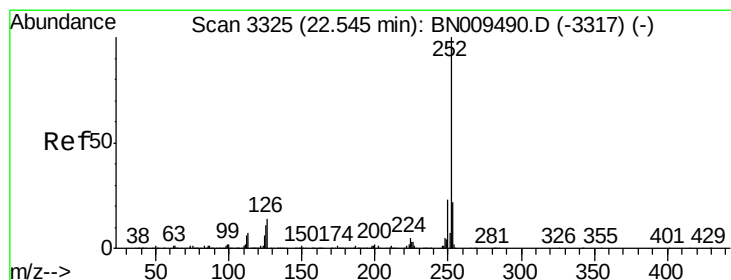
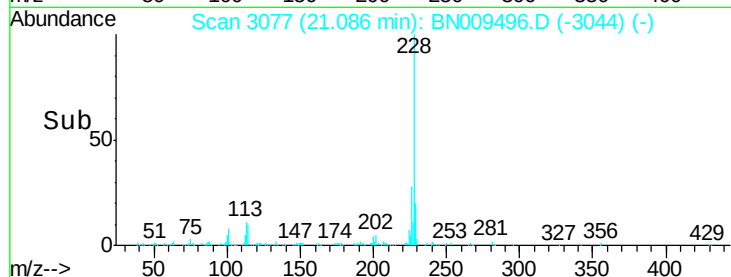
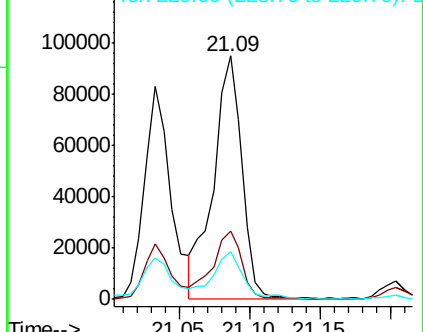


Abundance

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: 3.324 ng/ul

RT: 22.55 min Scan# 3325

Delta R.T. -0.01 min

Lab File: BN009496.D

Acq: 31 Jan 2020 04:38

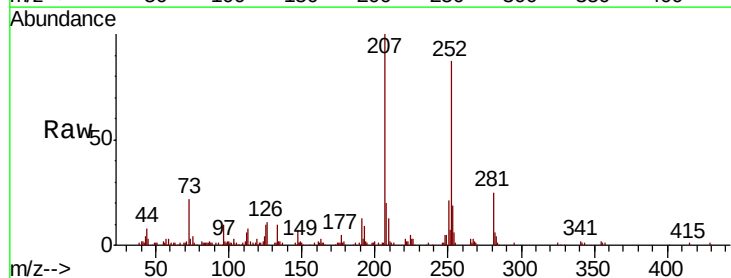
Tgt Ion:252 Resp: 181057

Ion	Ratio	Lower	Upper
252	100		
253	22.0	16.5	24.7
125	11.9	8.2	12.2

252 100

253 22.0 16.5 24.7

125 11.9 8.2 12.2

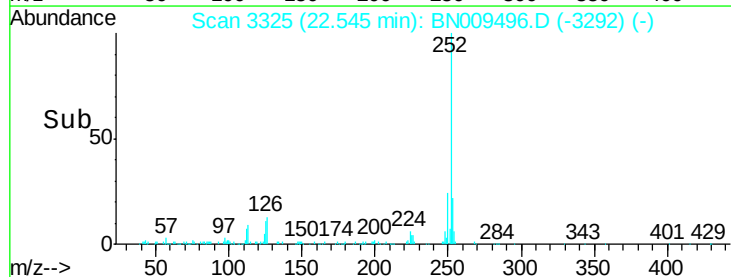
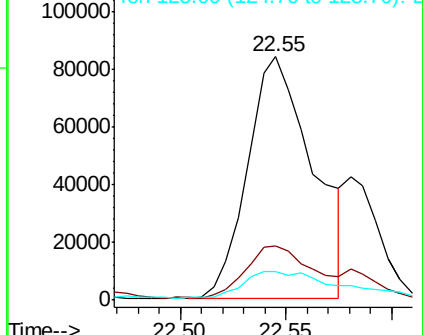


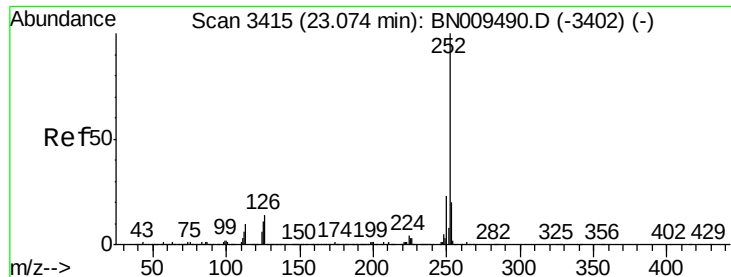
Abundance

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: 2.116 ng/ul

RT: 23.07 min Scan# 3415

Delta R.T. -0.01 min

Lab File: BN009496.D

Acq: 31 Jan 2020 04:38

Instrument :

BNA_N

ClientSampleId :

C5AR6

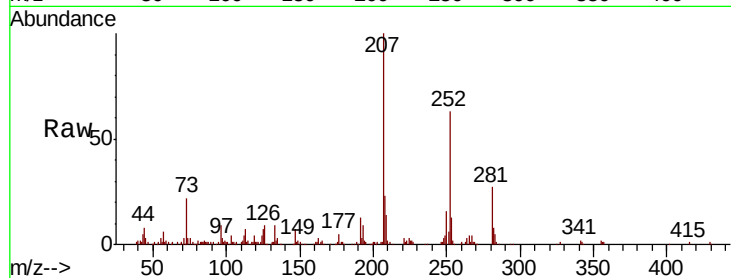
Tot Ion:252 Resp: 103473

Ion Ratio Lower Upper

252 100

253 20.0 18.0 27.0

125 11.4 9.8 14.6

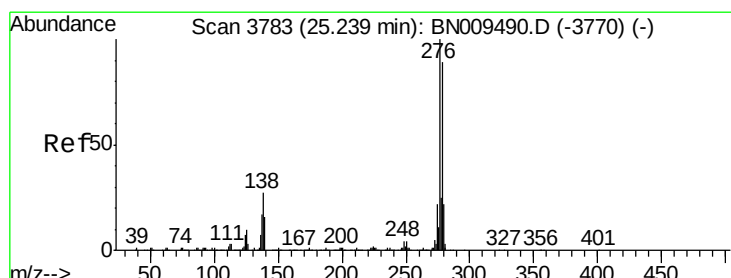
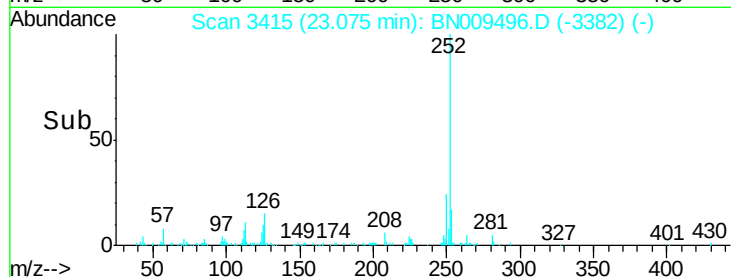
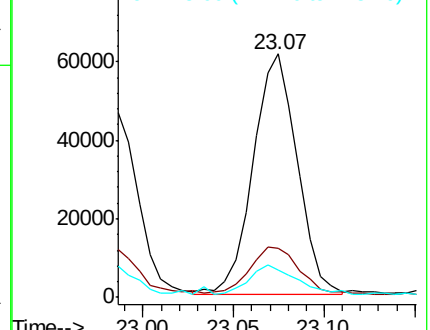


Abundance

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: 1.231 ng/ul

RT: 25.23 min Scan# 3781

Delta R.T. -0.02 min

Lab File: BN009496.D

Acq: 31 Jan 2020 04:38

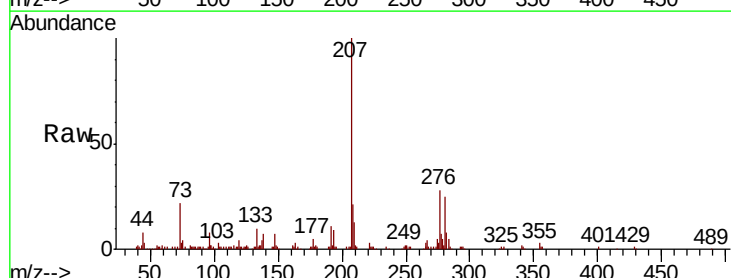
Tgt Ion:276 Resp: 72941

Ion Ratio Lower Upper

276 100

138 25.3 21.4 32.0

277 23.8 20.4 30.6

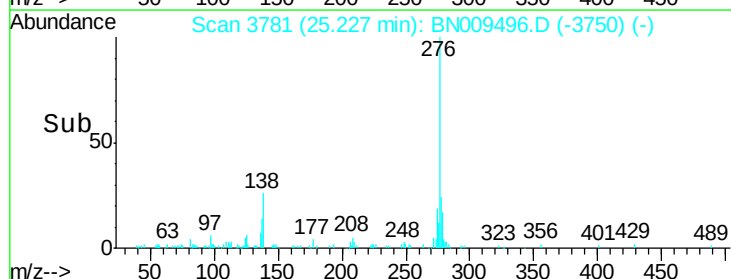
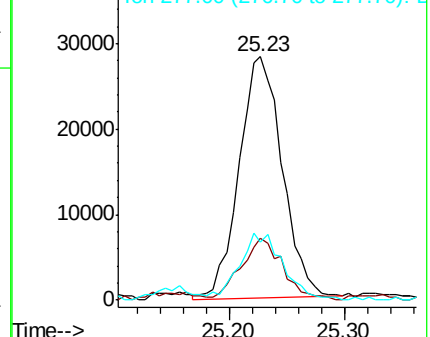


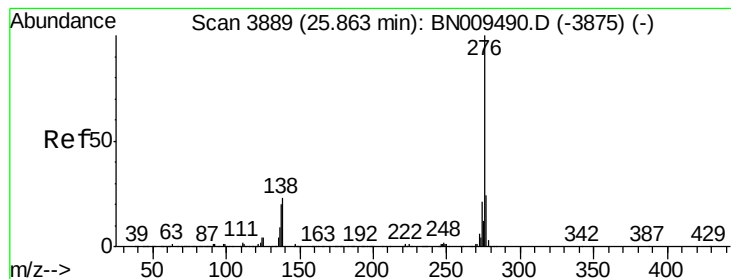
Abundance

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: 1.353 ng/ul

RT: 25.86 min Scan# 3888

Delta R.T. -0.02 min

Lab File: BN009496.D

Acq: 31 Jan 2020 04:38

Instrument :

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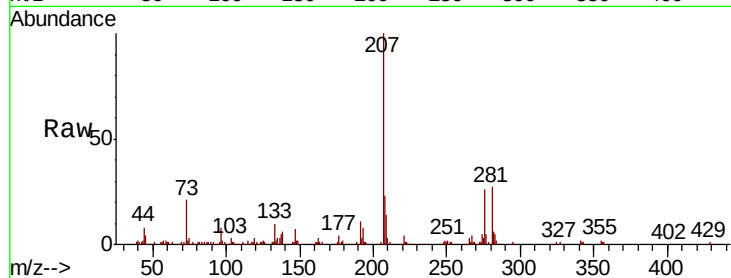
Tot Ion: 276 Resp: 66663

Ion Ratio Lower Upper

276 100

138 21.9 16.6 24.8

277 20.5 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

