

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052820\
 Data File : BM026161.D
 Acq On : 28 May 2020 16:45
 Operator : MA/SJ
 Sample : L2785-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB7D8

Quant Time: May 28 17:46:14 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 28 11:12:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	172091	20.00	ng/ul	0.00
18) Naphthalene-d8	10.24	136	727197	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.13	164	425514	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.87	188	922470	20.00	ng/ul	0.00
78) Chrysene-d12	21.07	240	1008003	20.00	ng/ul	0.00
86) Perylene-d12	23.19	264	1070179	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.06	96	17364	3.04	ng/uL	0.00
5) Phenol-d5	6.67	99	326871	20.94	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.83	67	226644	20.99	ng/ul	0.00
9) 2-Chlorophenol-d4	7.02	132	245084	20.06	ng/ul	0.00
13) 4-Methylphenol-d8	8.20	113	250276	21.27	ng/ul	0.00
19) Nitrobenzene-d5	8.62	128	122921	20.74	ng/ul	0.00
22) 2-Nitrophenol-d4	9.34	143	123981	21.14	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.87	165	228658	19.42	ng/ul	0.00
29) 4-Chloroaniline-d4	10.39	131	309181	25.89	ng/ul	0.00
44) Dimethylphthalate-d6	13.55	166	717300	21.02	ng/ul	0.00
47) Acenaphthylene-d8	13.81	160	830958	20.55	ng/ul	0.00
52) 4-Nitrophenol-d4	14.35	143	125683	20.80	ng/ul	0.00
58) Fluorene-d10	15.13	176	621616	20.94	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.26	200	98443	18.30	ng/ul	0.00
71) Anthracene-d10	16.97	188	1028919	22.63	ng/ul	0.00
79) Pyrene-d10	19.27	212	1261107	24.36	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.06	264	1455580	25.55	ng/ul	0.00

Target Compounds

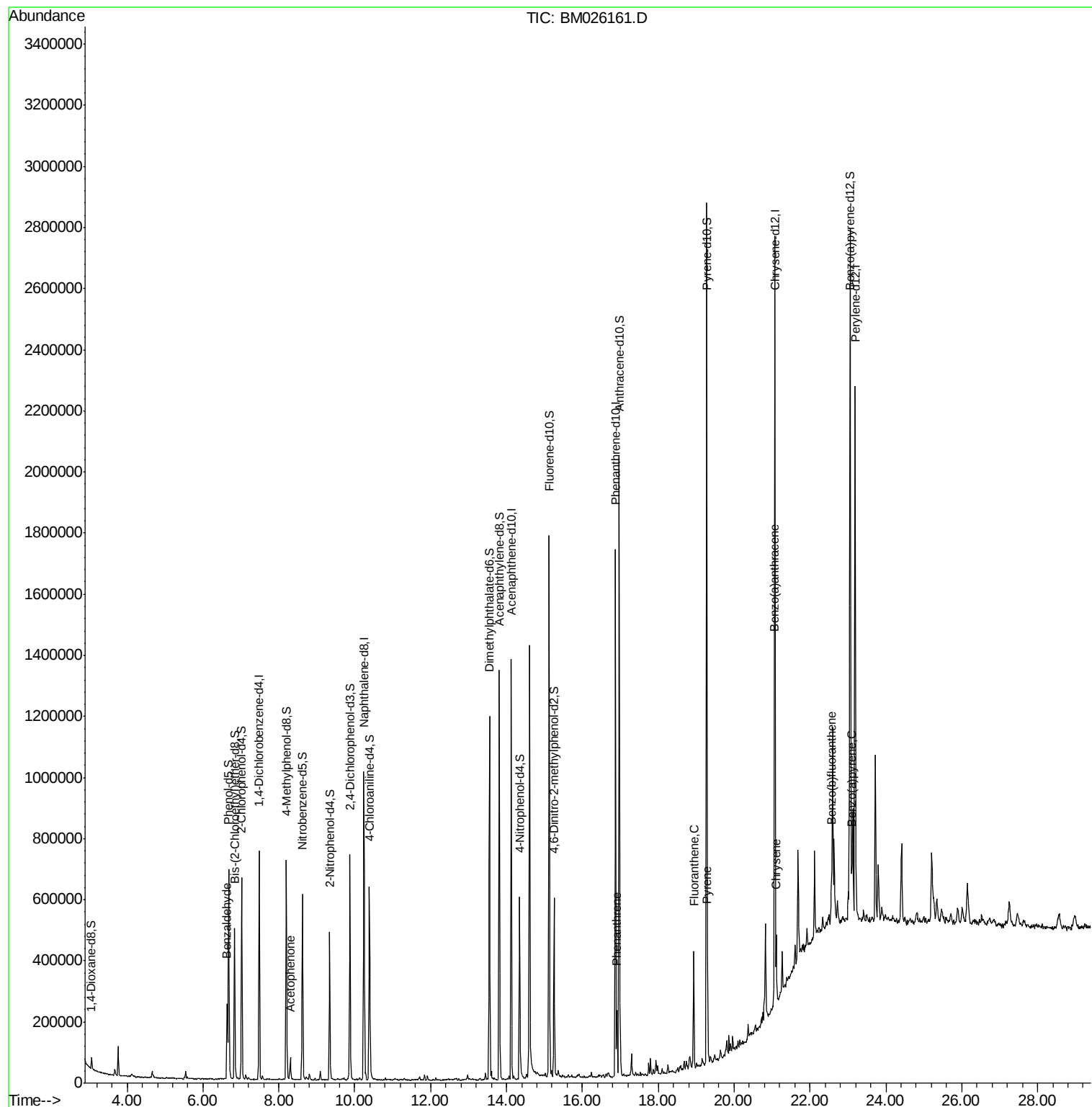
					Ovalue
4) Benzaldehyde	6.63	77	86837	8.548	ng/ul 98
14) Acetophenone	8.30	105	35276	1.787	ng/ul 95
70) Phenanthrene	16.92	178	114427	1.969	ng/ul 100
77) Fluoranthene	18.94	202	207348	3.402	ng/ul 99
80) Pyrene	19.30	202	187005	2.643	ng/ul 96
83) Benzo(a)anthracene	21.06	228	119207	1.716	ng/ul 98
85) Chrysene	21.11	228	112352	1.627	ng/ul 99
88) Benzo(b)fluoranthene	22.57	252	133281	1.841	ng/ul# 94
91) Benzo(a)pyrene	23.10	252	85690	1.345	ng/ul# 95

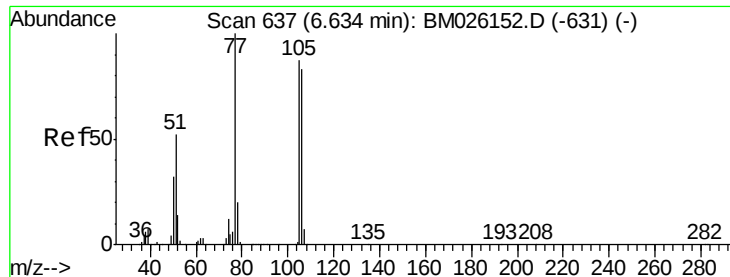
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#4

Benzaldehyde

Concen: 8.548 ng/ul

RT: 6.63 min Scan# 637

Delta R.T. -0.00 min

Lab File: BM026161.D

Acq: 28 May 2020 16:45

Instrument :

BNA_M

ClientSampleId :

CB7D8

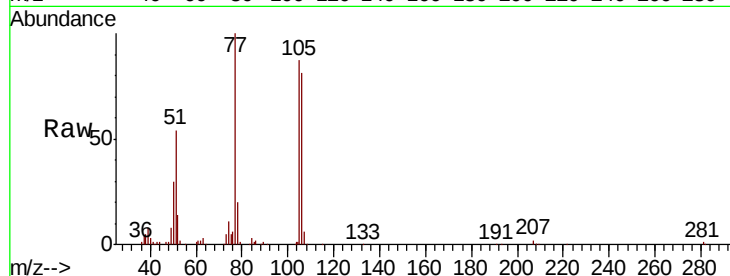
Tot Ion: 77 Resp: 86837

Ion Ratio Lower Upper

77 100

105 86.5 68.6 102.8

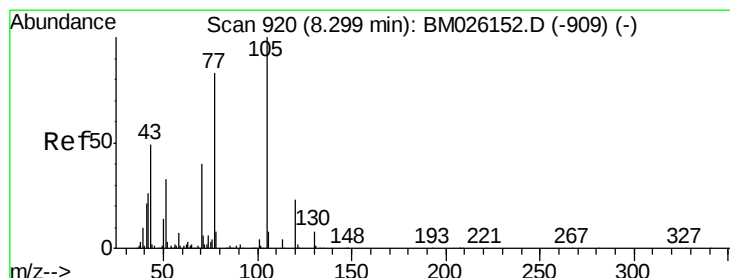
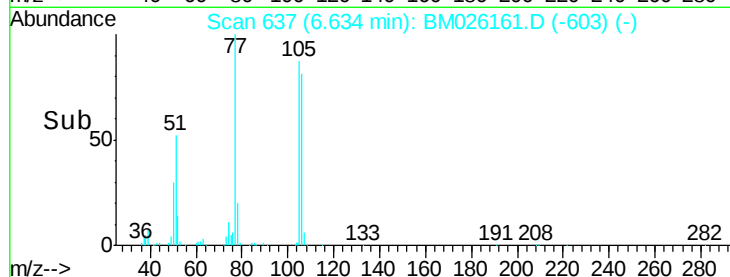
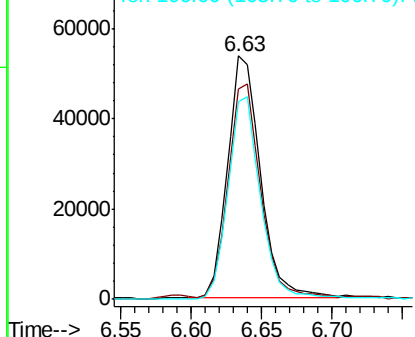
106 81.3 63.4 95.0



Abundance Ion 77.00 (76.70 to 77.70): BM026161.D (-603) (-)

Ion 105.00 (104.70 to 105.70): BM026161.D (-603) (-)

Ion 106.00 (105.70 to 106.70): BM026161.D (-603) (-)



#14

Acetophenone

Concen: 1.787 ng/ul

RT: 8.30 min Scan# 921

Delta R.T. 0.01 min

Lab File: BM026161.D

Acq: 28 May 2020 16:45

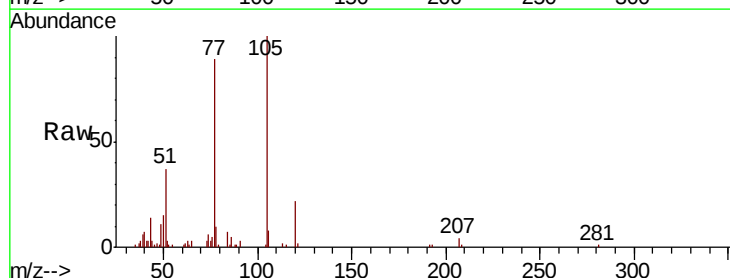
Tgt Ion: 105 Resp: 35276

Ion Ratio Lower Upper

105 100

77 89.4 67.2 100.8

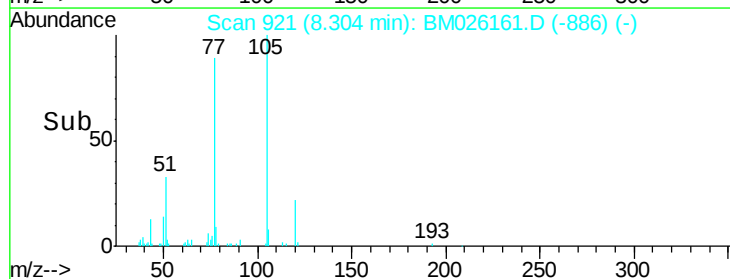
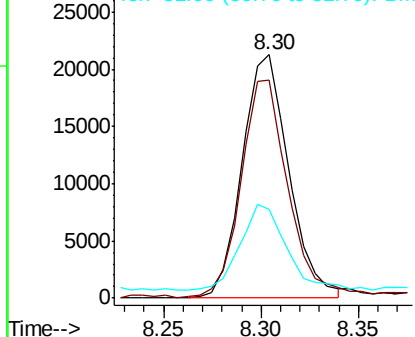
51 36.7 27.4 41.0

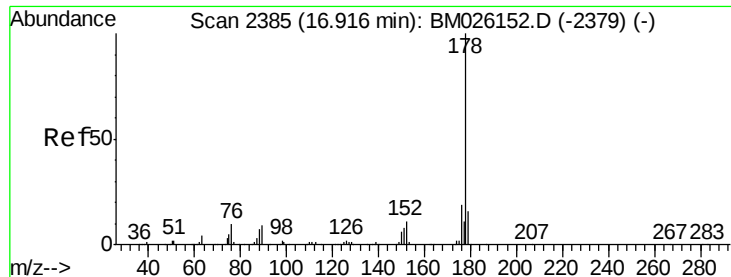


Abundance Ion 105.00 (104.70 to 105.70): BM026161.D (-886) (-)

Ion 77.00 (76.70 to 77.70): BM026161.D (-886) (-)

Ion 51.00 (50.70 to 51.70): BM026161.D (-886) (-)





#70

Phenanthrene

Concen: 1.969 ng/ul

RT: 16.92 min Scan# 2385

Delta R.T. -0.00 min

Lab File: BM026161.D

Acq: 28 May 2020 16:45

Instrument :

BNA_M

ClientSampleId :

CB7D8

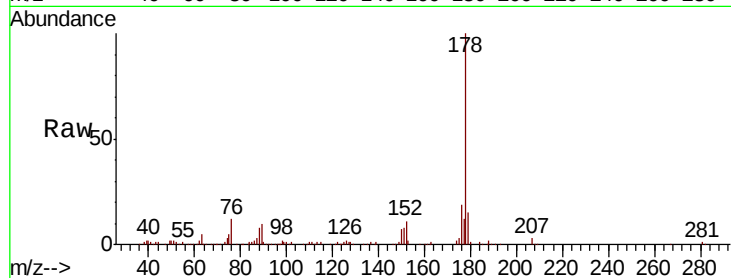
Tot Ion:178 Resp: 114427

Ion Ratio Lower Upper

178 100

179 15.0 11.9 17.9

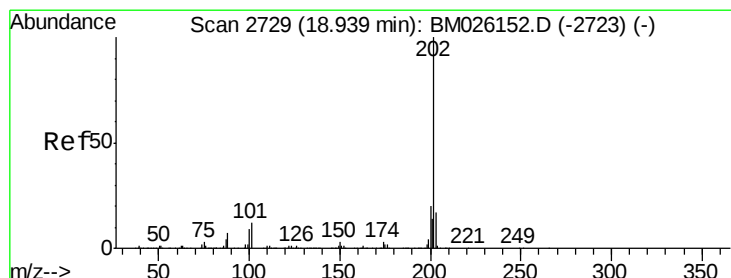
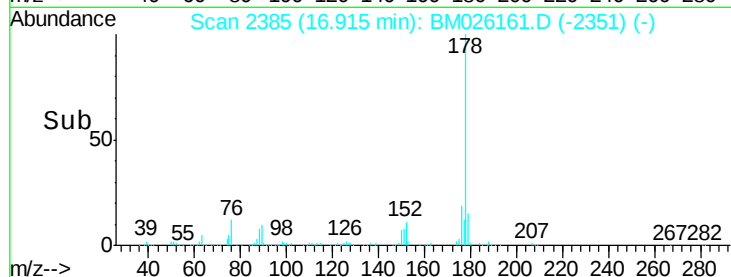
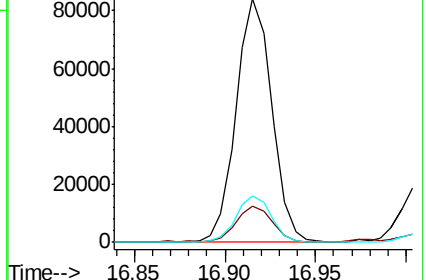
176 18.9 14.9 22.3



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



#77

Fluoranthene

Concen: 3.402 ng/ul

RT: 18.94 min Scan# 2729

Delta R.T. -0.00 min

Lab File: BM026161.D

Acq: 28 May 2020 16:45

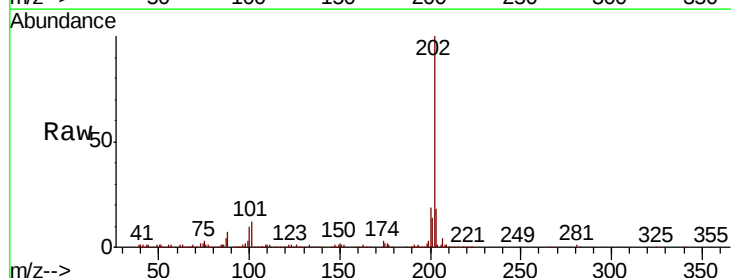
Tgt Ion:202 Resp: 207348

Ion Ratio Lower Upper

202 100

101 11.5 9.5 14.3

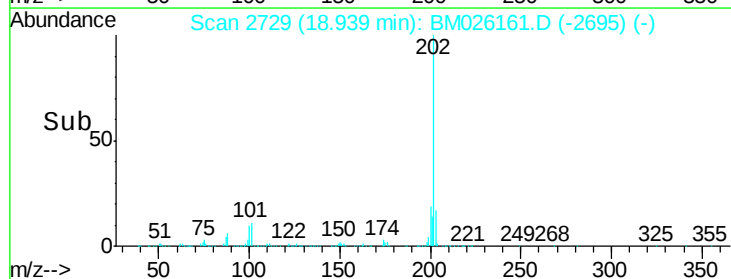
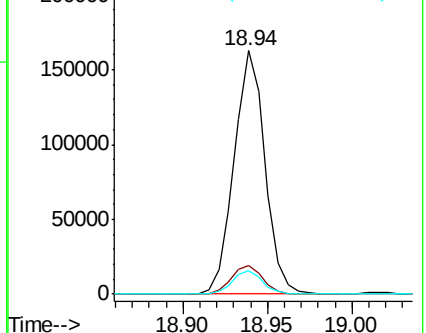
100 9.8 7.6 11.4

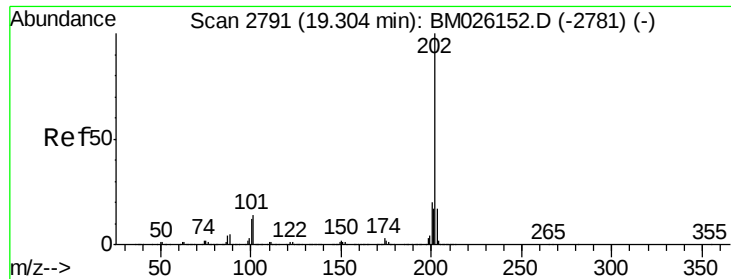


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

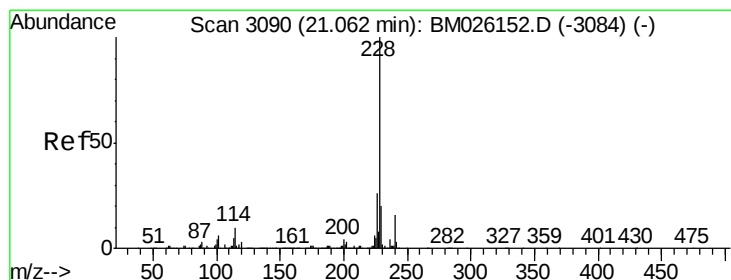
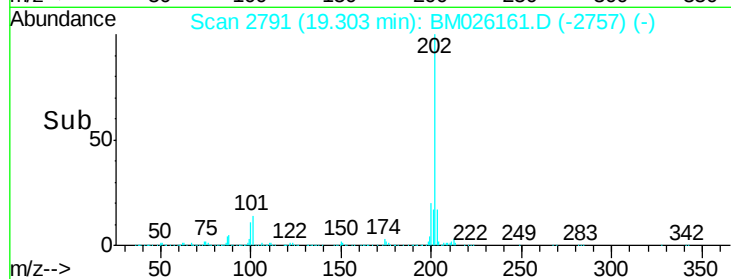
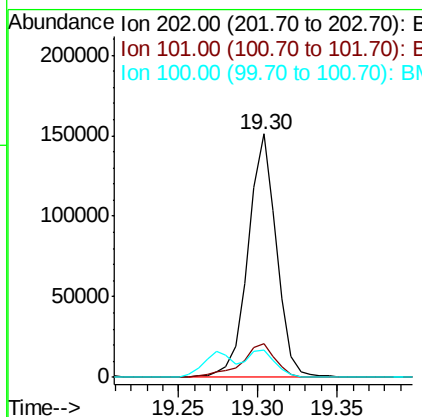
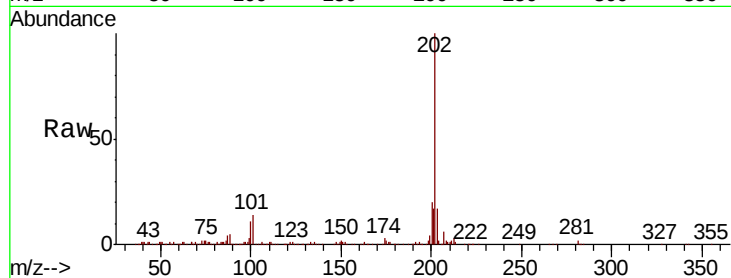




#80
Pvrene
Concen: 2.643 ng/ul
RT: 19.30 min Scan# 2791
Delta R.T. -0.00 min
Lab File: BM026161.D
Acq: 28 May 2020 16:45

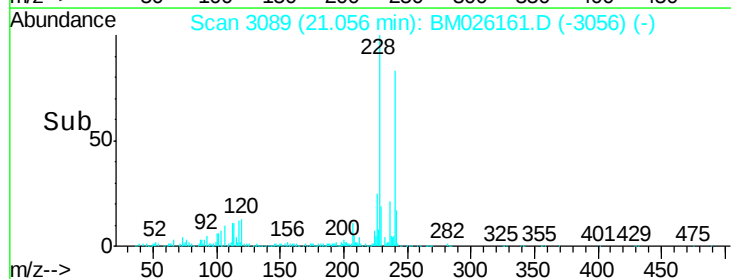
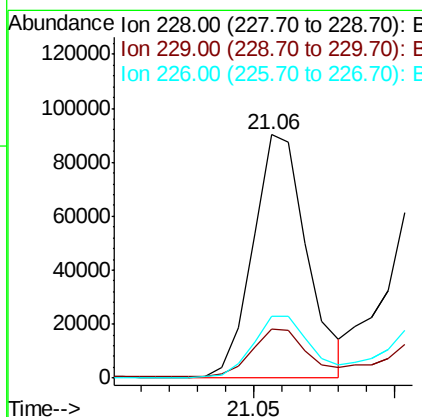
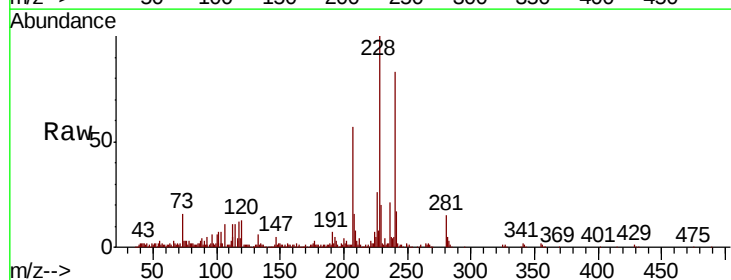
Instrument :
BNA_M
ClientSampleId :
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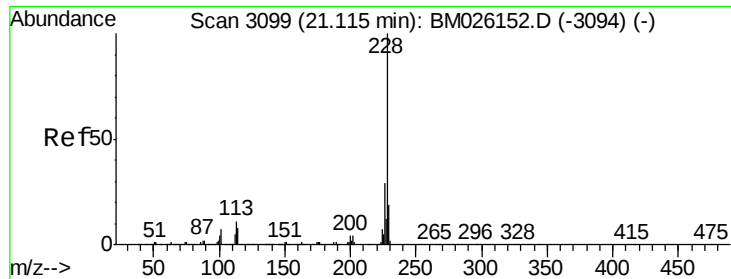
Tot Ion	Ratio	Lower	Upper
202	100		
101	13.8	12.2	18.4
100	11.2	10.2	15.4



#83
Benzo(a)anthracene
Concen: 1.716 ng/ul
RT: 21.06 min Scan# 3089
Delta R.T. -0.01 min
Lab File: BM026161.D
Acq: 28 May 2020 16:45

Tgt Ion	Ratio	Lower	Upper
228	100		
229	19.9	15.5	23.3
226	25.5	21.2	31.8

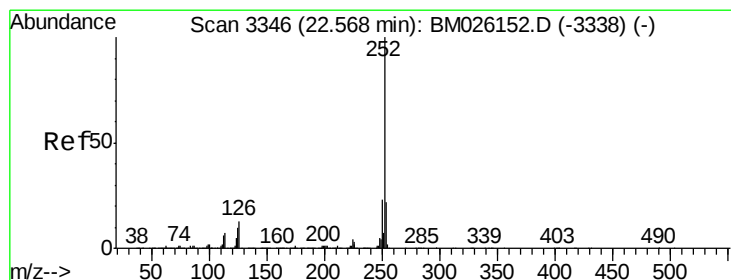
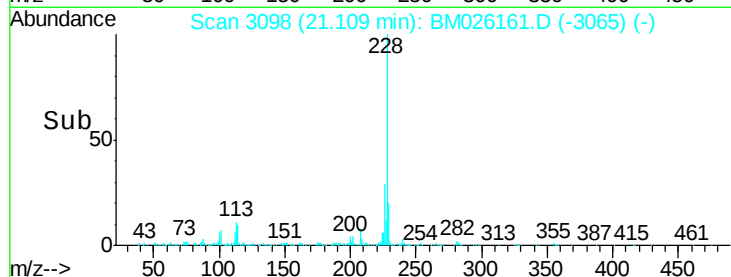
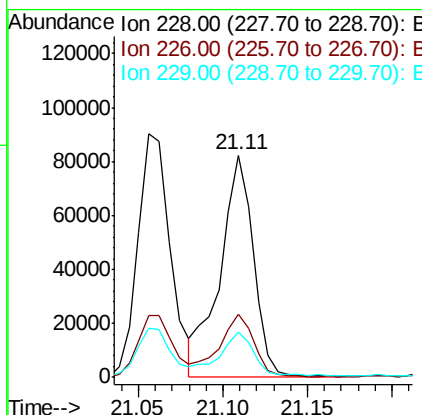
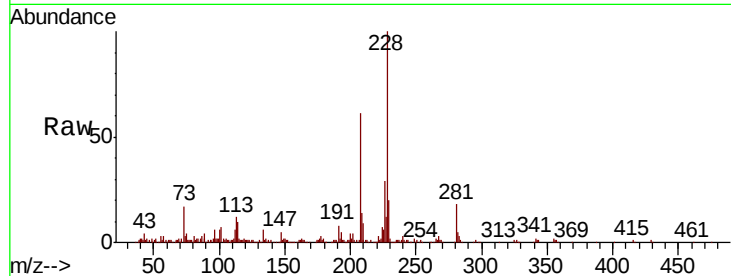




#85
 Chrvsene
 Concen: 1.627 ng/ul
 RT: 21.11 min Scan# 3098
 Delta R.T. -0.01 min
 Lab File: BM026161.D
 Acq: 28 May 2020 16:45

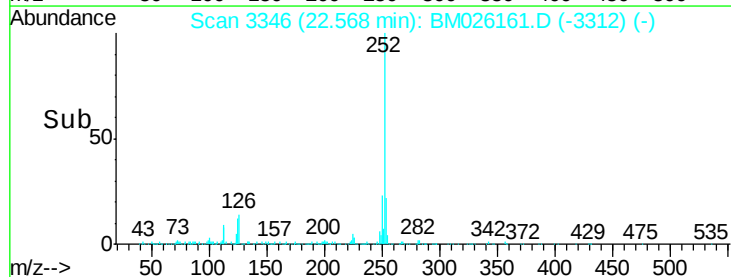
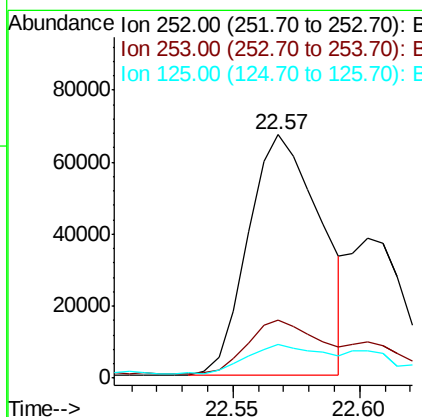
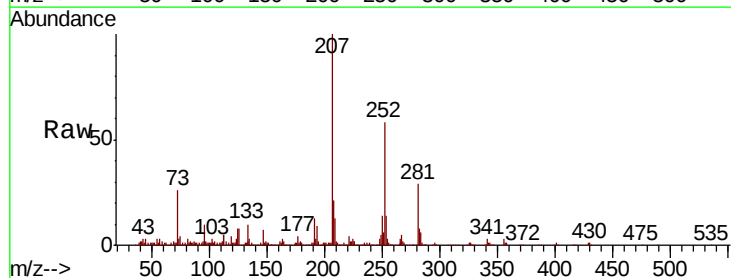
Instrument :
 BNA_M
 ClientSampleId :
 CB7D8

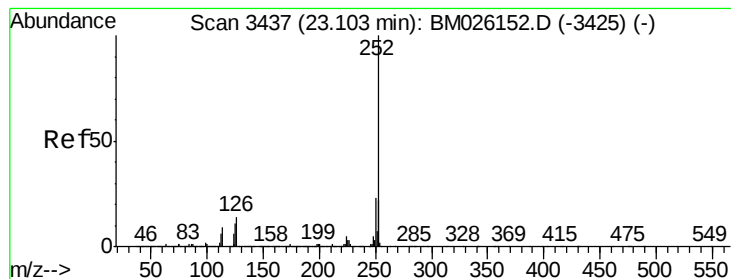
Tot Ion:228	Resp:	112352
Ion	Ratio	Lower Upper
228	100	
226	28.7	23.0 34.6
229	20.2	15.5 23.3



#88
 Benzo(b)fluoranthene
 Concen: 1.841 ng/ul
 RT: 22.57 min Scan# 3346
 Delta R.T. -0.00 min
 Lab File: BM026161.D
 Acq: 28 May 2020 16:45

Tgt Ion:252	Resp:	133281
Ion	Ratio	Lower Upper
252	100	
253	23.8	17.1 25.7
125	13.8	8.9 13.3#





#91

Benzo(a)pyrene

Concen: 1.345 ng/ul

RT: 23.10 min Scan# 3436

Delta R.T. -0.01 min

Lab File: BM026161.D

Acq: 28 May 2020 16:45

Instrument :

BNA_M

ClientSampleId :

CB7D8

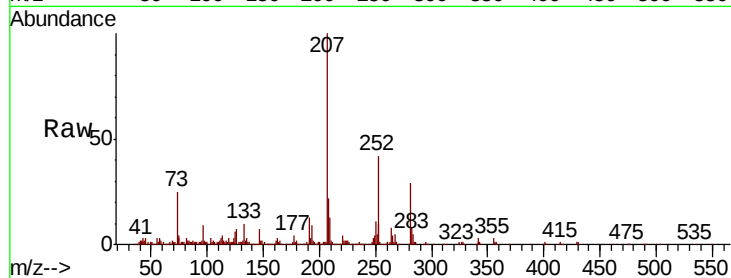
Tot Ion:252 Resp: 85690

Ion Ratio Lower Upper

252 100

253 24.2 17.6 26.4

125 14.7 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

