

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
 Data File : BM027098.D
 Acq On : 14 Aug 2020 22:08
 Operator : JU/CG
 Sample : L3631-01
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFML7

Quant Time: Aug 17 01:23:35 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 13 11:47:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	94702	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	332502	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	212654	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.11	188	357425	20.00	ng/ul	0.09
78) Chrysene-d12	21.21	240	603657	20.00	ng/ul	0.00
86) Perylene-d12	23.40	264	669840	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	5206	2.50	ng/uL	0.00
5) Phenol-d5	6.82	99	99491	13.51	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	75535	14.97	ng/ul	0.00
9) 2-Chlorophenol-d4	7.17	132	82668	14.23	ng/ul	0.00
13) 4-Methylphenol-d8	8.34	113	70875	12.35	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	40456	15.35	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	41913	15.35	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	87287	15.20	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	91117	13.66	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	295229	17.41	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	309367	15.31	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	30477	10.65	ng/ul	0.00
58) Fluorene-d10	15.27	176	236935	16.03	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	27102	13.88	ng/ul	0.00
71) Anthracene-d10	17.11	188	357130	20.28	ng/ul	0.00
79) Pyrene-d10	19.41	212	433957	14.41	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.26	264	562050	15.03	ng/ul	0.00

Target Compounds

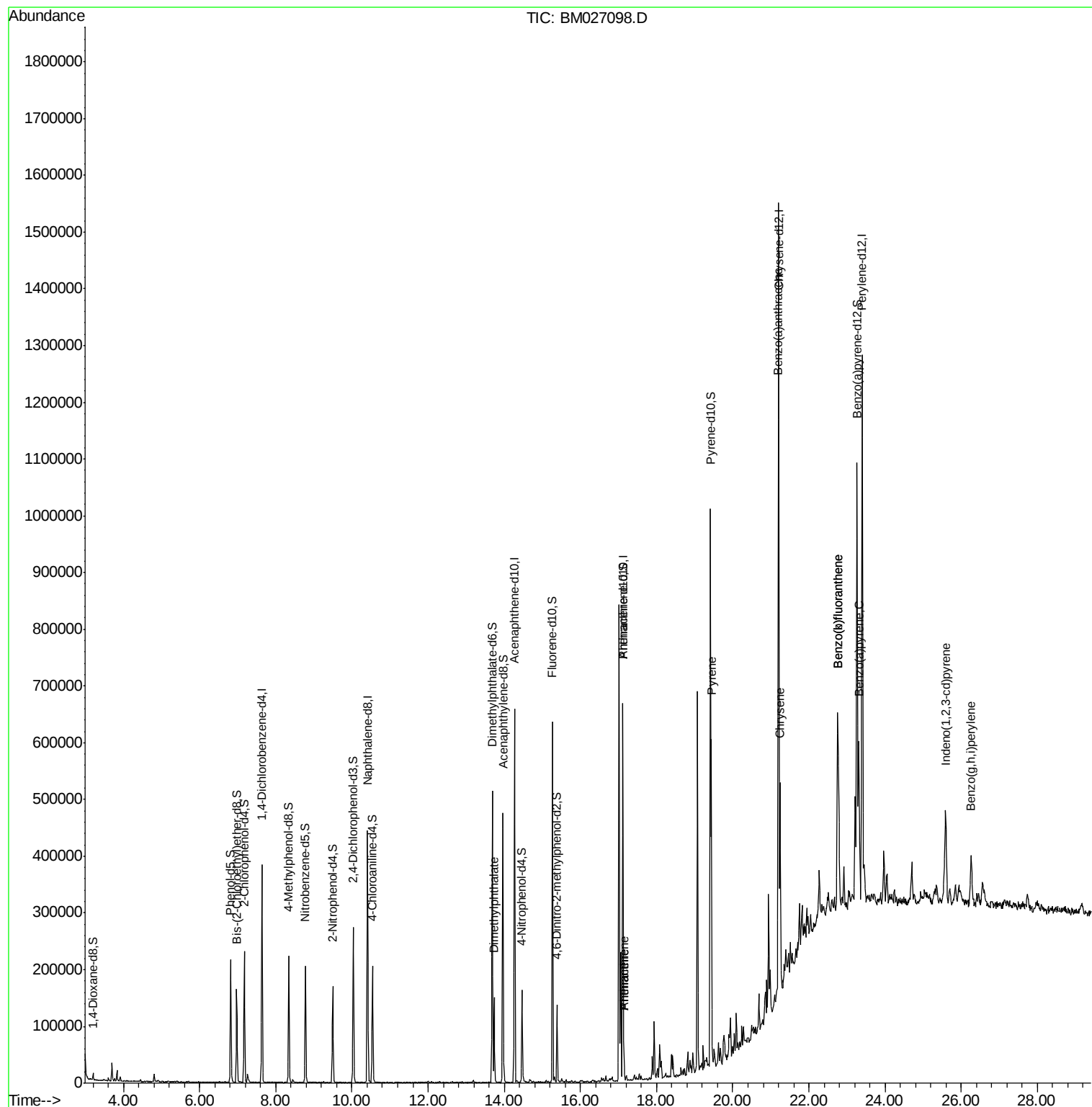
					Ovalue
45) Dimethylphthalate	13.73	163	83474	4.697	ng/ul 100
70) Phenanthrene	17.14	178	25017	1.167	ng/ul 96
72) Anthracene	17.14	178	24194	1.110	ng/ul 97
80) Pyrene	19.44	202	360376	8.795	ng/ul 96
83) Benzo(a)anthracene	21.19	228	215167	5.295	ng/ul 94
85) Chrysene	21.24	228	198115	4.967	ng/ul 97
88) Benzo(b)fluoranthene	22.75	252	305774	6.574	ng/ul 98
89) Benzo(k)fluoranthene	22.75	252	305774	6.633	ng/ul 97
91) Benzo(a)pyrene	23.31	252	197941	4.676	ng/ul 96
92) Indeno(1,2,3-cd)pyrene	25.59	276	143615	2.633	ng/ul 95
94) Benzo(g,h,i)perylene	26.26	276	106548	2.365	ng/ul 96

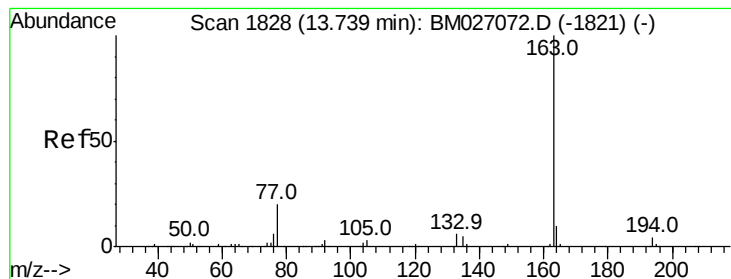
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#45

Dimethylphthalate

Concen: 4.697 ng/ul

RT: 13.73 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BM027098.D

Acq: 14 Aug 2020 22:08

Instrument :

BNA_M

ClientSampleId :

BFML7

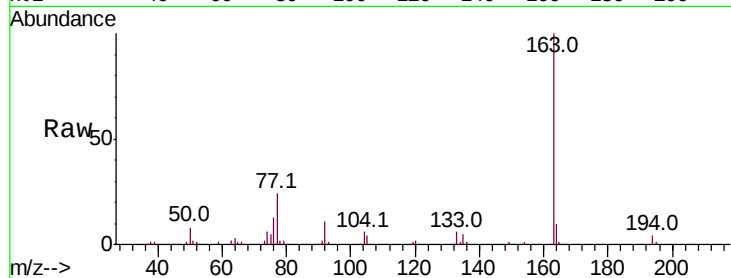
Tot Ion:163 Resp: 83474

Ion Ratio Lower Upper

163 100

194 4.2 3.2 4.8

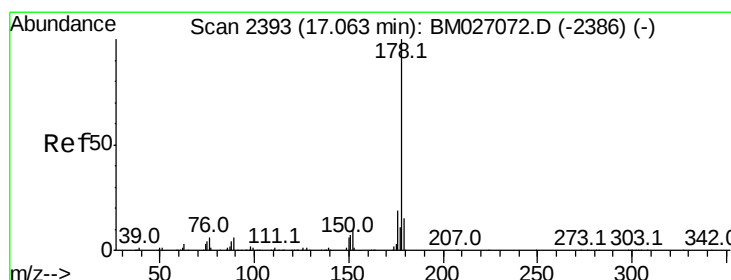
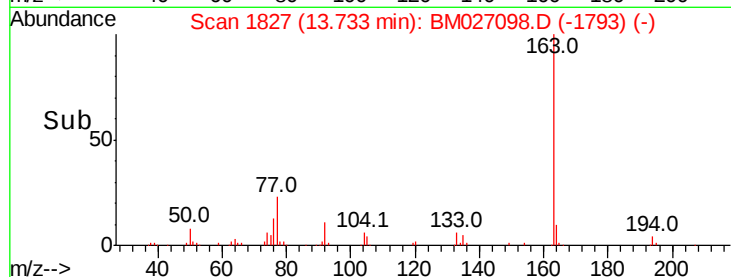
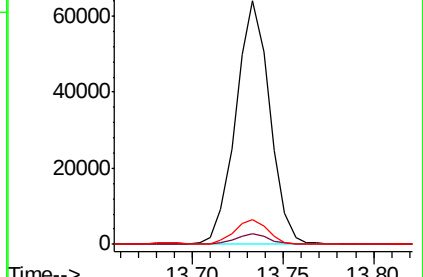
164 10.2 8.2 12.2



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: 1.167 ng/ul

RT: 17.14 min Scan# 2407

Delta R.T. 0.09 min

Lab File: BM027098.D

Acq: 14 Aug 2020 22:08

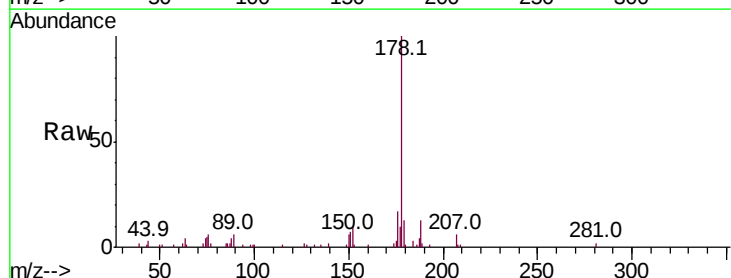
Tgt Ion:178 Resp: 25017

Ion Ratio Lower Upper

178 100

179 13.2 11.9 17.9

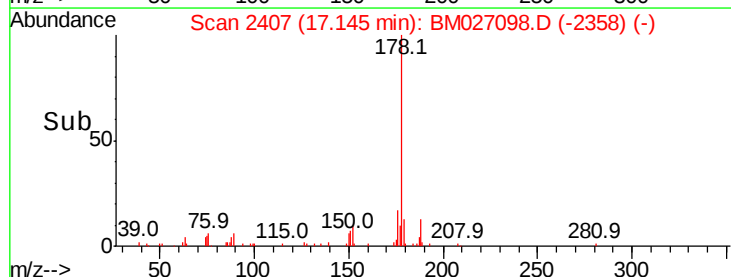
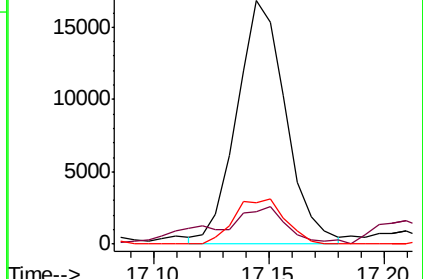
176 16.8 14.6 22.0

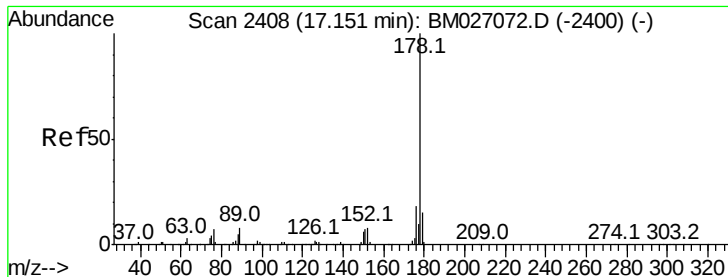


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 1.110 ng/ul

RT: 17.14 min Scan# 2407

Delta R.T. -0.01 min

Lab File: BM027098.D

Acq: 14 Aug 2020 22:08

Instrument :

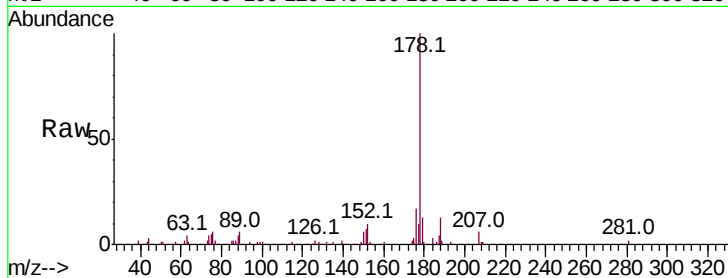
BNA_M

ClientSampleId :

BFML7

Tot Ion:178 Resp: 24194

Ion	Ratio	Lower	Upper
178	100		
179	13.2	12.0	18.0
176	16.8	14.3	21.5

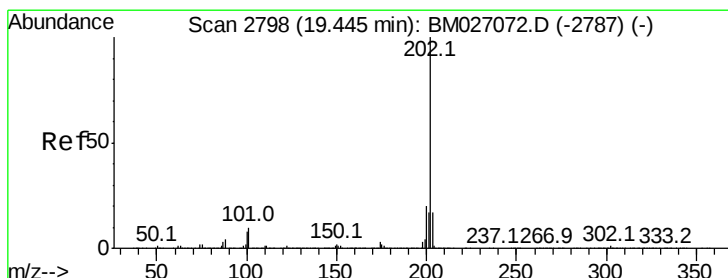
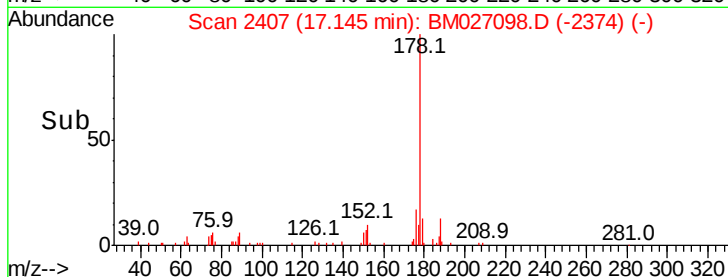
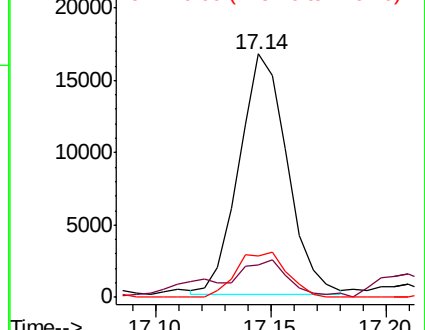


Abundance

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



#80

Pyrene

Concen: 8.795 ng/ul

RT: 19.44 min Scan# 2797

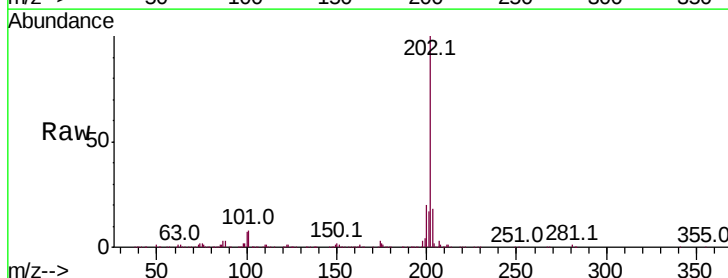
Delta R.T. -0.01 min

Lab File: BM027098.D

Acq: 14 Aug 2020 22:08

Tgt Ion:202 Resp: 360376

Ion	Ratio	Lower	Upper
202	100		
101	8.2	7.6	11.4
100	6.7	6.3	9.5

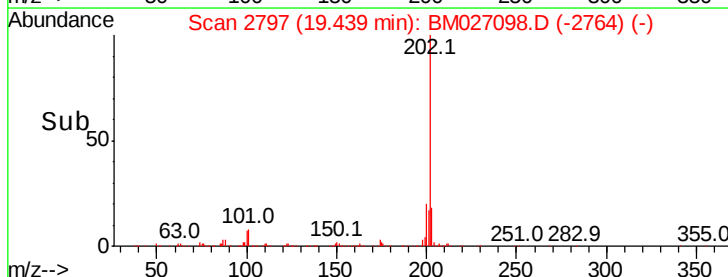
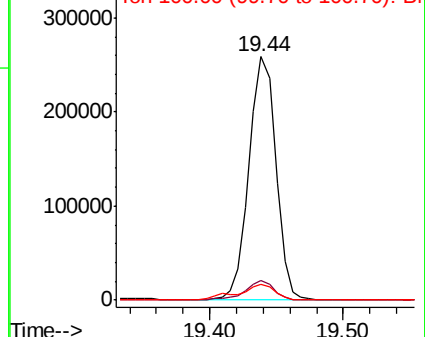


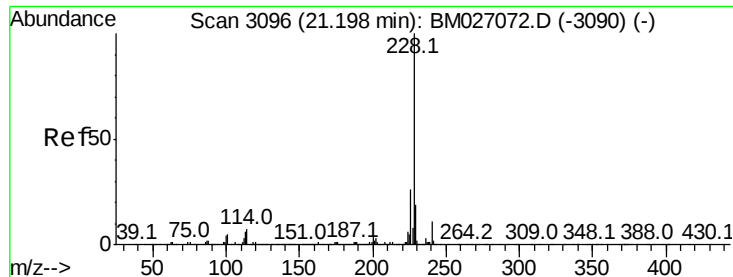
Abundance

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





#83

Benzo(a)anthracene

Concen: 5.295 ng/ul

RT: 21.19 min Scan# 3095

Delta R.T. -0.01 min

Lab File: BM027098.D

Acq: 14 Aug 2020 22:08

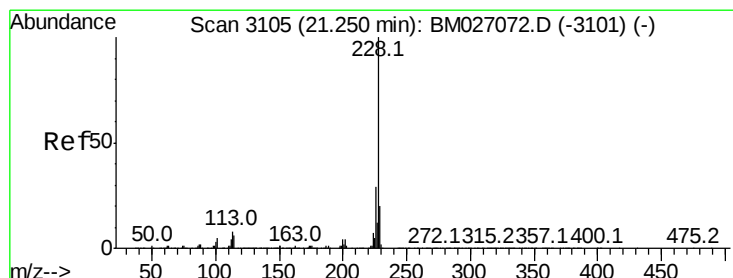
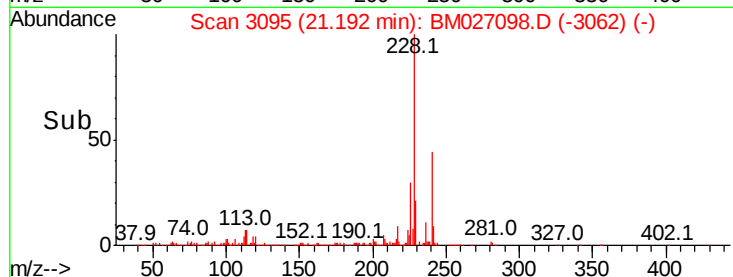
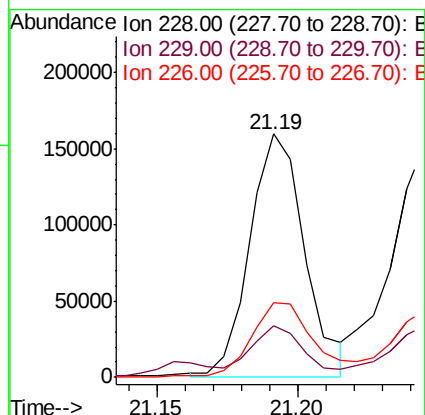
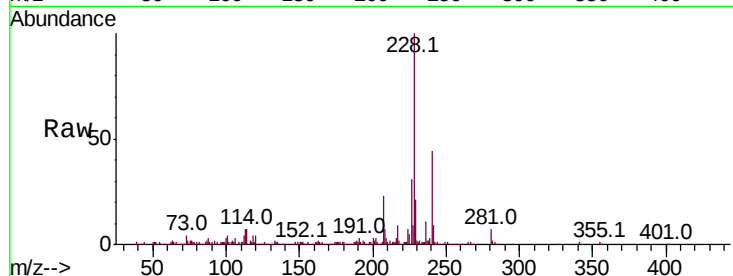
Instrument :

BNA_M

ClientSampleId :

BFML7

Tot Ion:228	Resp:	215167
Ion	Ratio	Lower Upper
228	100	
229	21.1	15.8 23.6
226	30.5	21.2 31.8



#85

Chrysene

Concen: 4.967 ng/ul

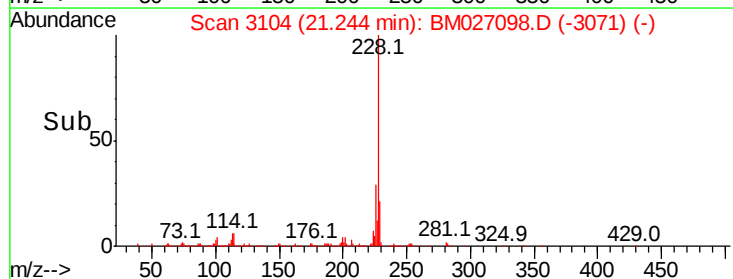
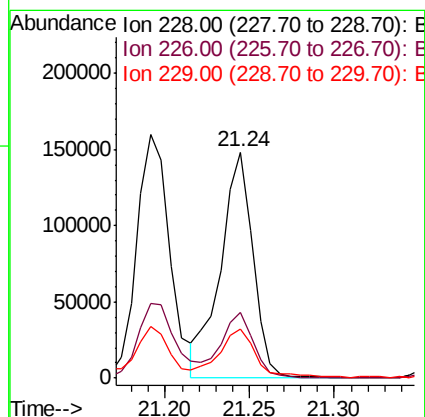
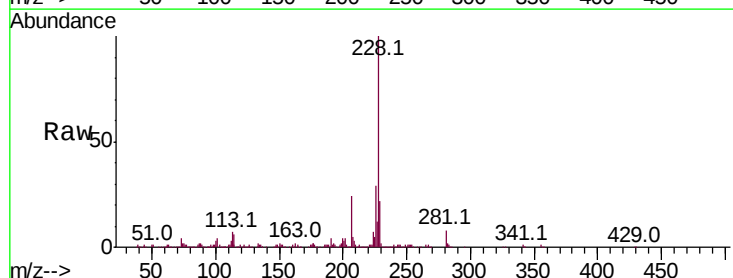
RT: 21.24 min Scan# 3104

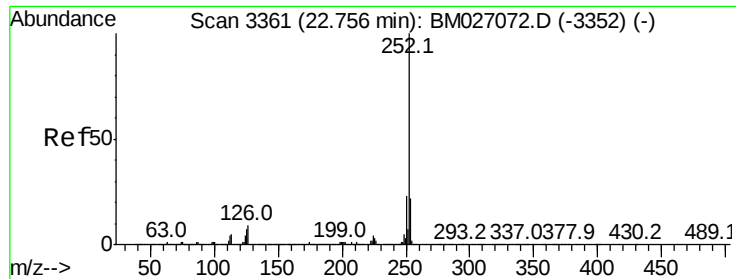
Delta R.T. -0.01 min

Lab File: BM027098.D

Acq: 14 Aug 2020 22:08

Tgt Ion:228	Resp:	198115
Ion	Ratio	Lower Upper
228	100	
226	28.9	23.8 35.6
229	21.8	15.8 23.8





#88

Benzo(b)fluoranthene

Concen: 6.574 ng/ul

RT: 22.75 min Scan# 3360

Delta R.T. -0.01 min

Lab File: BM027098.D

Acq: 14 Aug 2020 22:08

Instrument :

BNA_M

ClientSampleId :

BFML7

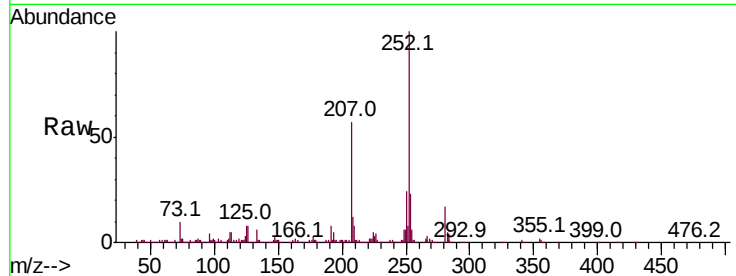
Tot Ion:252 Resp: 305774

Ion Ratio Lower Upper

252 100

253 23.2 17.6 26.4

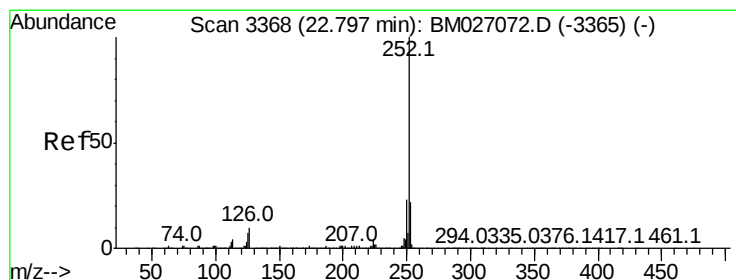
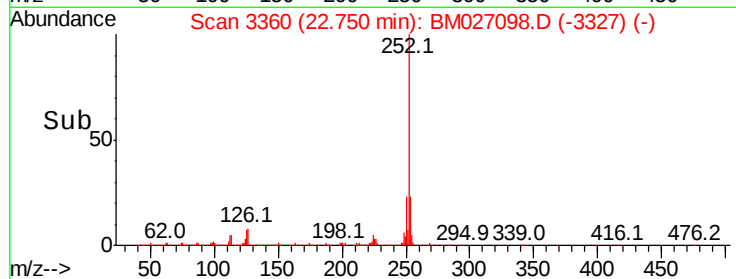
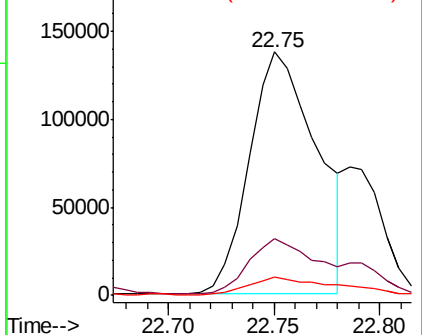
125 7.7 6.0 9.0



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



#89

Benzo(k)fluoranthene

Concen: 6.633 ng/ul

RT: 22.75 min Scan# 3360

Delta R.T. -0.05 min

Lab File: BM027098.D

Acq: 14 Aug 2020 22:08

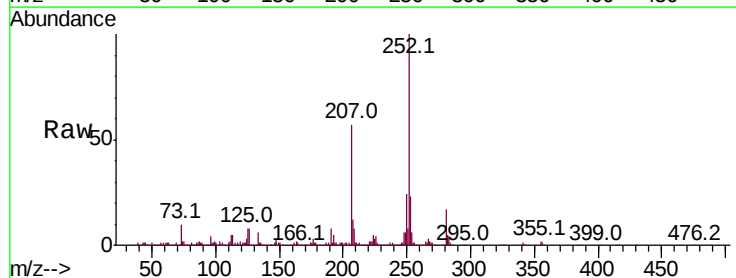
Tgt Ion:252 Resp: 305774

Ion Ratio Lower Upper

252 100

253 23.2 17.2 25.8

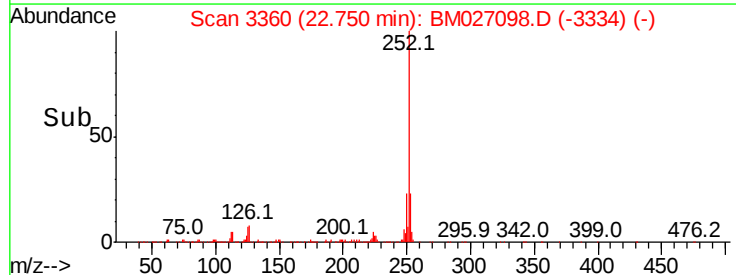
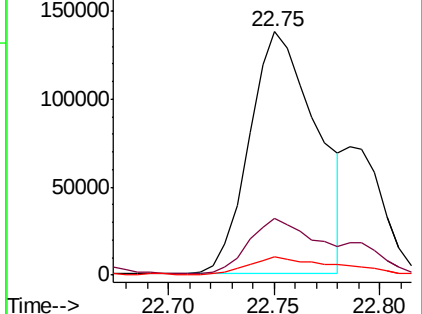
125 7.7 5.5 8.3

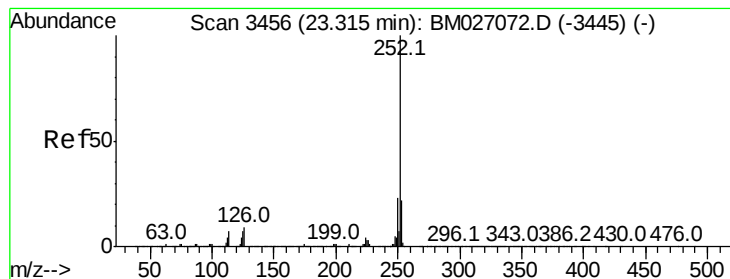


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 4.676 ng/ul

RT: 23.31 min Scan# 3455

Delta R.T. -0.01 min

Lab File: BM027098.D

Acq: 14 Aug 2020 22:08

Instrument :

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ClientSampleId :

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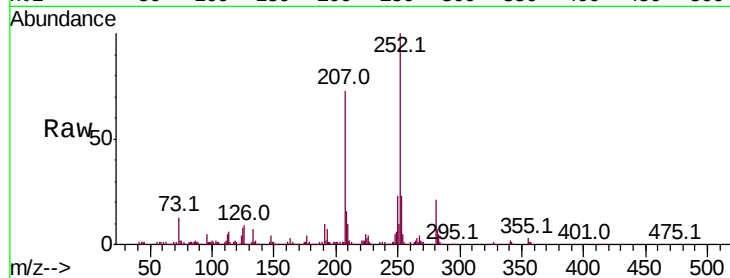
Tot Ion:252 Resp: 197941

Ion Ratio Lower Upper

252 100

253 23.3 17.0 25.4

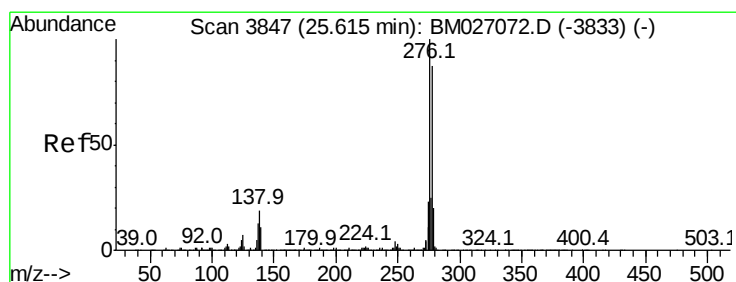
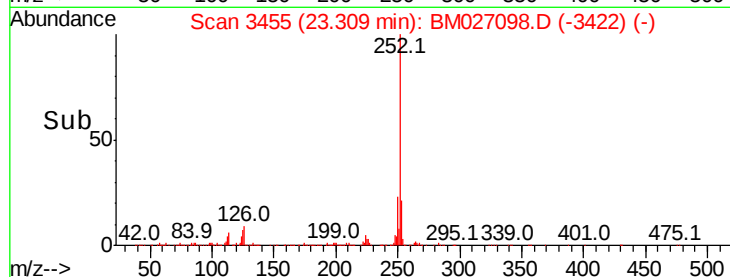
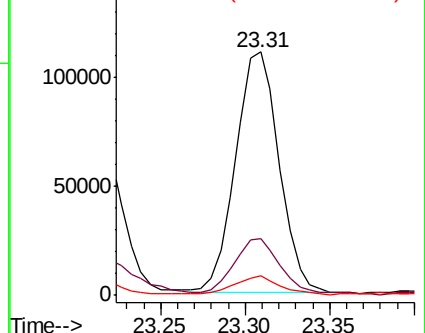
125 7.9 5.8 8.8



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: 2.633 ng/ul

RT: 25.59 min Scan# 3843

Delta R.T. -0.01 min

Lab File: BM027098.D

Acq: 14 Aug 2020 22:08

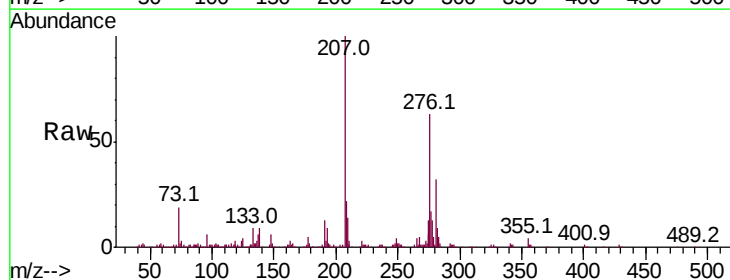
Tgt Ion:276 Resp: 143615

Ion Ratio Lower Upper

276 100

138 14.2 13.9 20.9

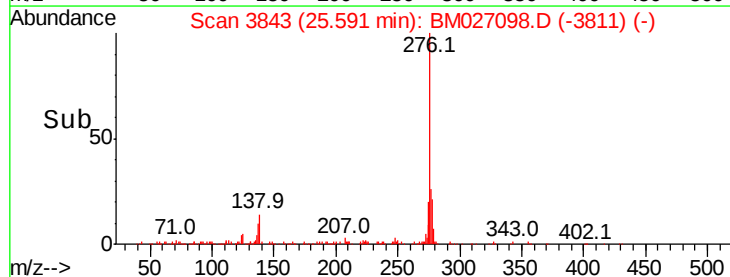
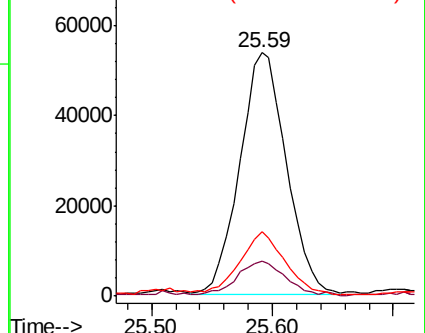
277 26.5 19.8 29.8

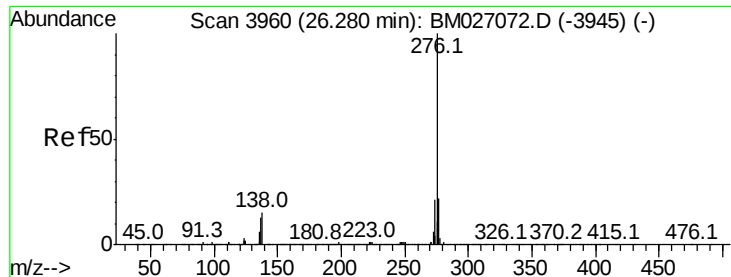


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#94

Benzo(a,h,i)perylene

Concen: 2.365 ng/ul

RT: 26.26 min Scan# 3956

Delta R.T. -0.02 min

Lab File: BM027098.D

Acq: 14 Aug 2020 22:08

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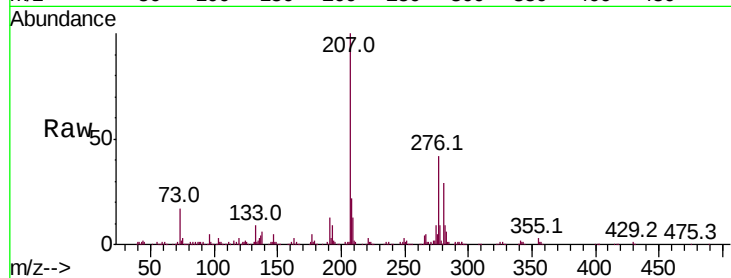
Tot Ion:276 Resp: 106548

Ion Ratio Lower Upper

276 100

138 13.5 12.3 18.5

277 21.6 19.0 28.6



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

