

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052820\
 Data File : BM026167.D
 Acq On : 28 May 2020 22:19
 Operator : MA/SJ
 Sample : L2781-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C5CC3

Quant Time: May 29 01:27:59 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	163601	20.00	ng/ul	0.00
18) Naphthalene-d8	10.24	136	698172	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.13	164	414346	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.87	188	891761	20.00	ng/ul	0.00
78) Chrysene-d12	21.07	240	915460	20.00	ng/ul	0.00
86) Perylene-d12	23.19	264	942449	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.06	96	10048	1.85	ng/uL	0.00
5) Phenol-d5	6.67	99	172507	11.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.83	67	129621	12.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.02	132	136505	11.75	ng/ul	0.00
13) 4-Methylphenol-d8	8.19	113	122569	10.96	ng/ul	0.00
19) Nitrobenzene-d5	8.62	128	70361	12.36	ng/ul	0.00
22) 2-Nitrophenol-d4	9.34	143	71273	12.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.87	165	121371	10.74	ng/ul	0.00
29) 4-Chloroaniline-d4	10.39	131	155708	13.58	ng/ul	0.00
44) Dimethylphthalate-d6	13.55	166	414268	12.47	ng/ul	0.00
47) Acenaphthylene-d8	13.81	160	423847	10.77	ng/ul	0.00
52) 4-Nitrophenol-d4	14.35	143	52937	9.00	ng/ul	0.00
58) Fluorene-d10	15.13	176	322792	11.17	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.26	200	45864	8.82	ng/ul	0.00
71) Anthracene-d10	16.97	188	473102	10.77	ng/ul	0.00
79) Pyrene-d10	19.27	212	495246	10.53	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.06	264	477653	9.52	ng/ul	0.00

Target Compounds

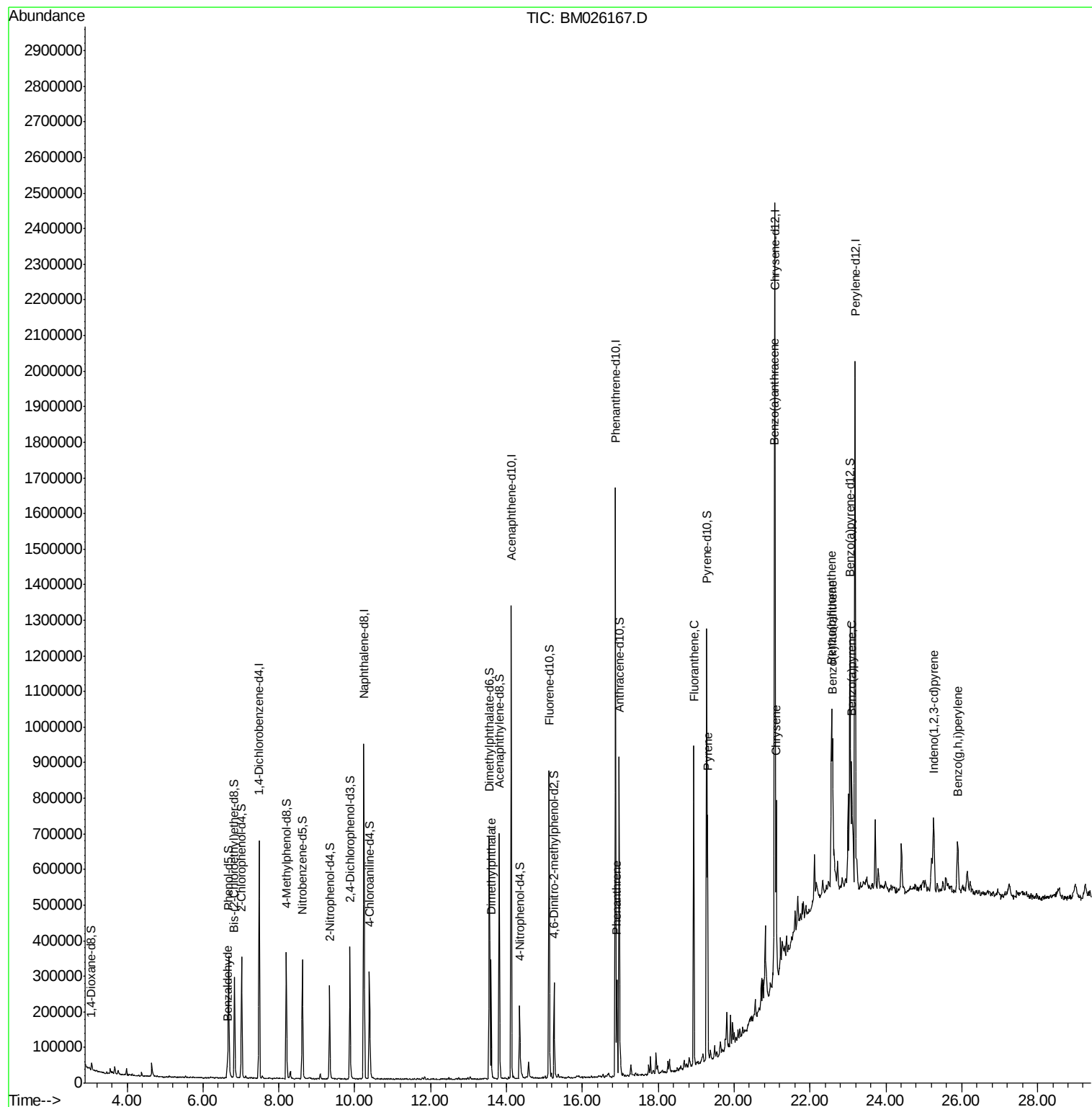
					Ovalue
4) Benzaldehyde	6.63	77	13612	1.409 ng/ul	97
45) Dimethylphthalate	13.60	163	199114	5.708 ng/ul	98
70) Phenanthrene	16.92	178	145675	2.593 ng/ul	100
77) Fluoranthene	18.94	202	494173	8.387 ng/ul	99
80) Pyrene	19.30	202	405457	6.309 ng/ul	96
83) Benzo(a)anthracene	21.06	228	226188	3.585 ng/ul	98
85) Chrysene	21.11	228	259479	4.137 ng/ul	99
88) Benzo(b)fluoranthene	22.57	252	373353	5.857 ng/ul	98
89) Benzo(k)fluoranthene	22.60	252	132493	2.081 ng/ul	94
91) Benzo(a)pyrene	23.10	252	225821	4.025 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.26	276	176729	2.427 ng/ul	95
94) Benzo(g,h,i)perylene	25.89	276	153144	2.520 ng/ul	95

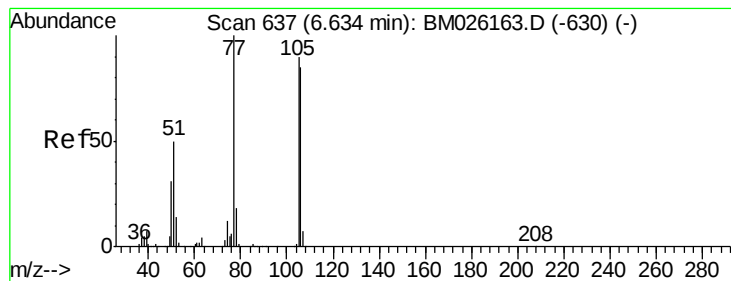
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#4

Benzaldehyde

Concen: 1.409 ng/ul

RT: 6.63 min Scan# 637

Delta R.T. -0.00 min

Lab File: BM026167.D

Acq: 28 May 2020 22:19

Instrument :

BNA_M

ClientSampleId :

C5CC3

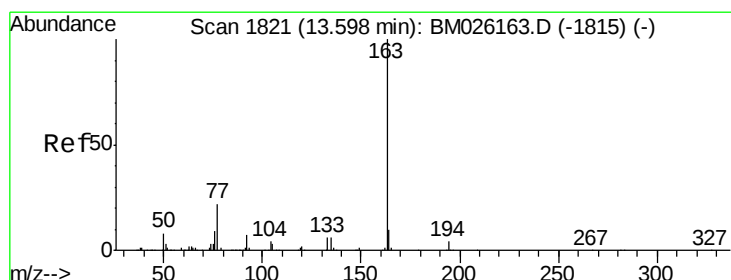
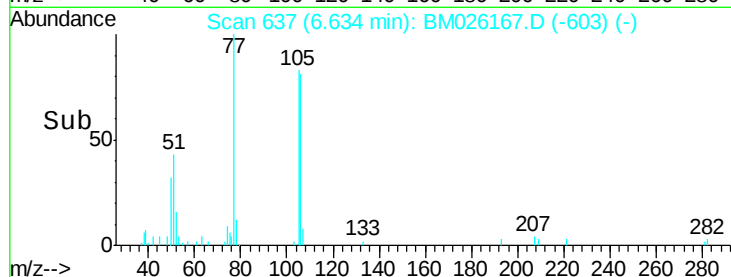
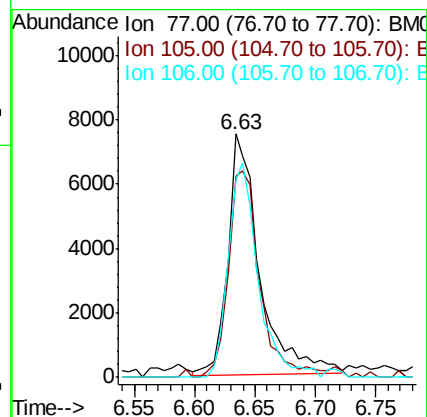
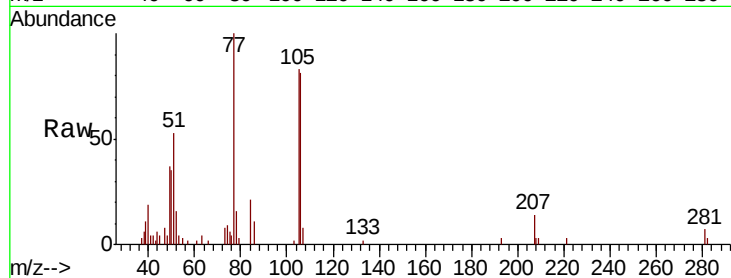
Tot Ion: 77 Resp: 13612

Ion Ratio Lower Upper

77 100

105 82.6 68.6 102.8

106 81.3 63.4 95.0



#45

Dimethylphthalate

Concen: 5.708 ng/ul

RT: 13.60 min Scan# 1821

Delta R.T. -0.00 min

Lab File: BM026167.D

Acq: 28 May 2020 22:19

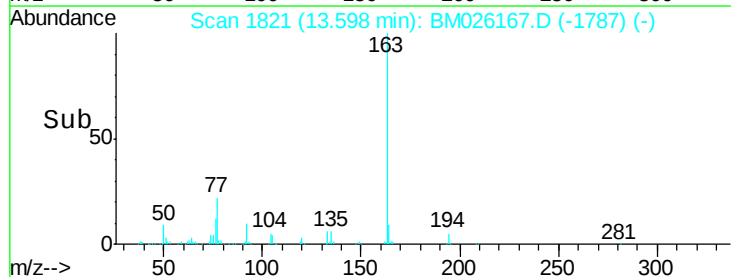
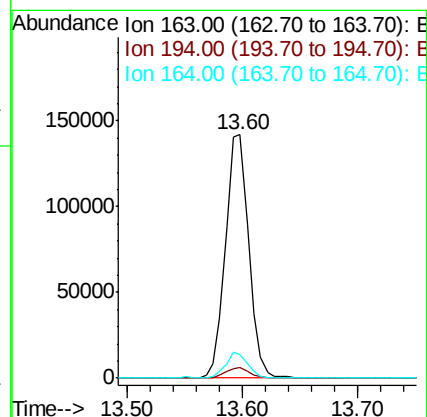
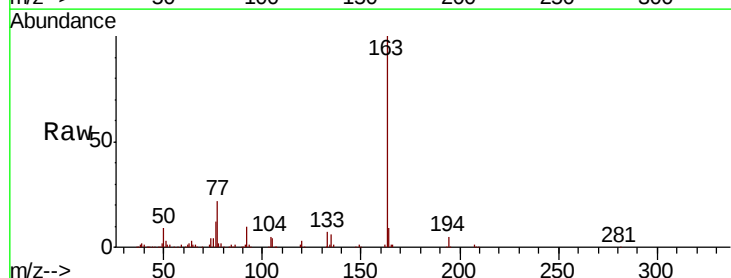
Tgt Ion: 163 Resp: 199114

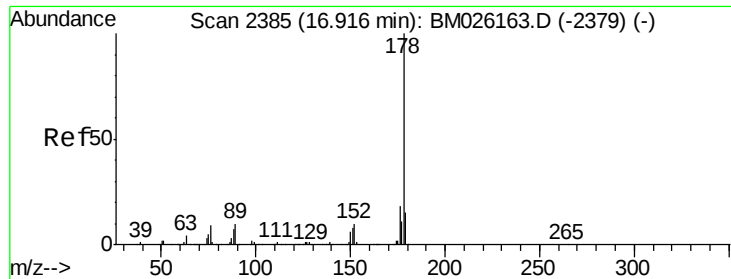
Ion Ratio Lower Upper

163 100

194 4.6 3.2 4.8

164 9.5 8.0 12.0





#70

Phenanthrene

Concen: 2.593 ng/ul

RT: 16.92 min Scan# 2385

Delta R.T. -0.00 min

Lab File: BM026167.D

Acq: 28 May 2020 22:19

Instrument :

BNA_M

ClientSampleId :

C5CC3

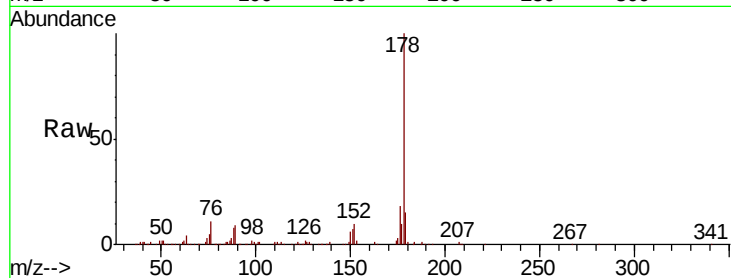
Tot Ion:178 Resp: 145675

Ion Ratio Lower Upper

178 100

179 15.2 11.9 17.9

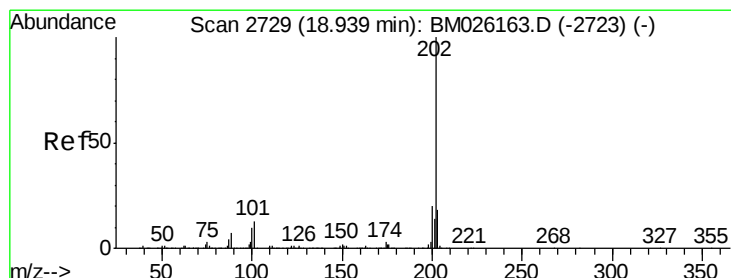
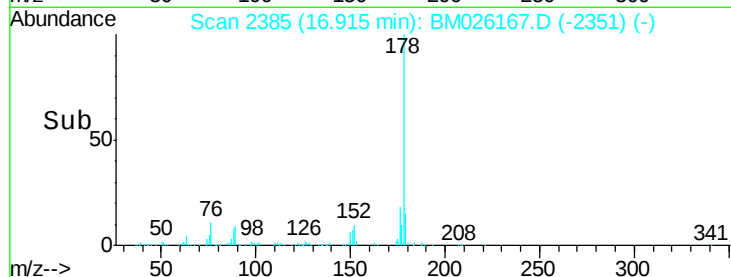
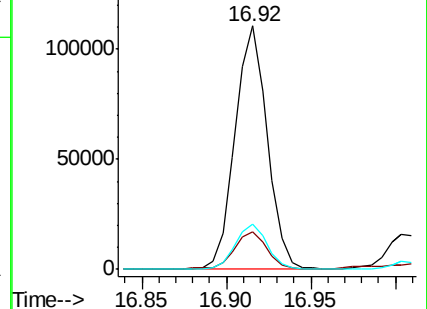
176 18.5 14.9 22.3



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: 8.387 ng/ul

RT: 18.94 min Scan# 2729

Delta R.T. -0.00 min

Lab File: BM026167.D

Acq: 28 May 2020 22:19

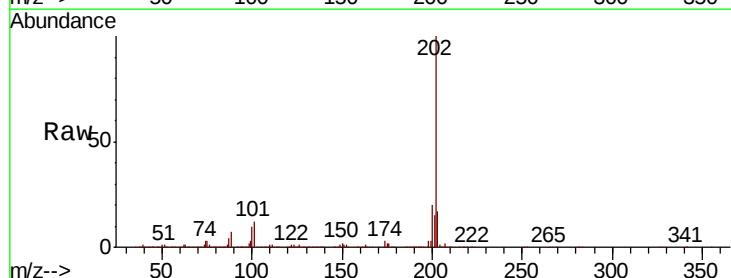
Tgt Ion:202 Resp: 494173

Ion Ratio Lower Upper

202 100

101 12.1 9.5 14.3

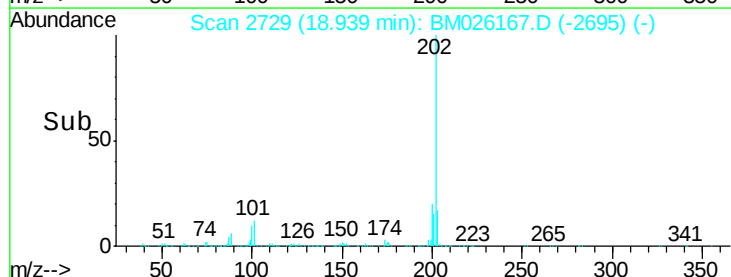
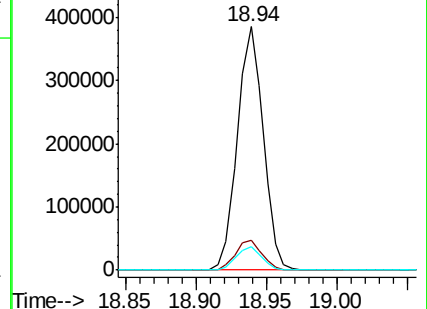
100 9.8 7.6 11.4

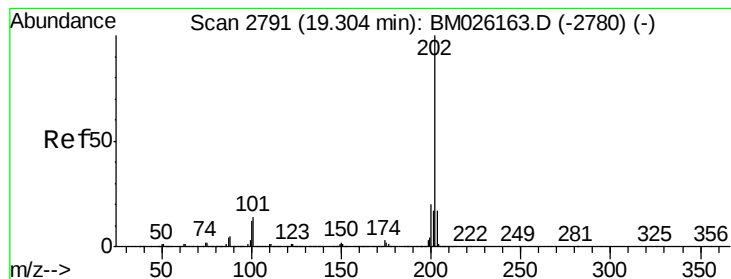


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Pvrene

Concen: 6.309 ng/ul

RT: 19.30 min Scan# 2791

Delta R.T. -0.00 min

Lab File: BM026167.D

Acq: 28 May 2020 22:19

Instrument :

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ClientSampleId :

C5CC3

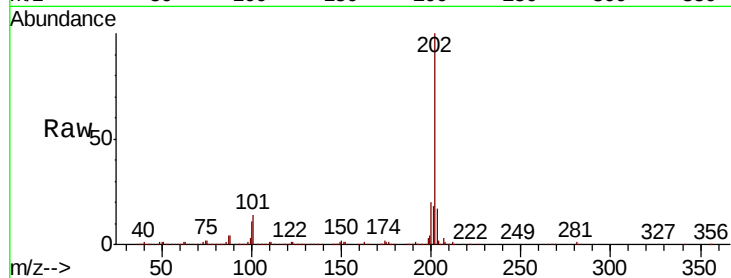
Tot Ion:202 Resp: 405457

Ion Ratio Lower Upper

202 100

101 13.8 12.2 18.4

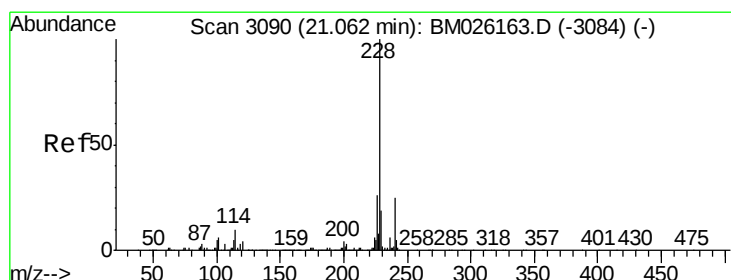
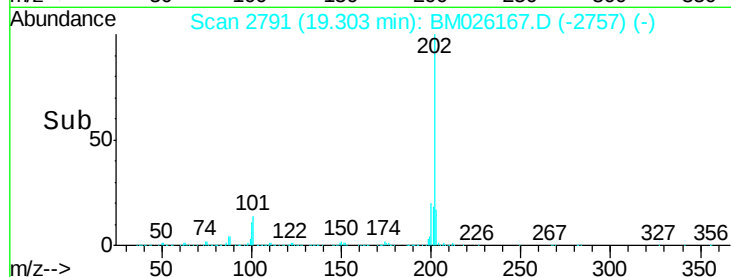
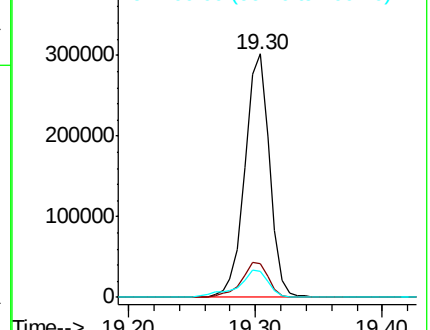
100 10.8 10.2 15.4



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



#83

Benzo(a)anthracene

Concen: 3.585 ng/ul

RT: 21.06 min Scan# 3089

Delta R.T. -0.01 min

Lab File: BM026167.D

Acq: 28 May 2020 22:19

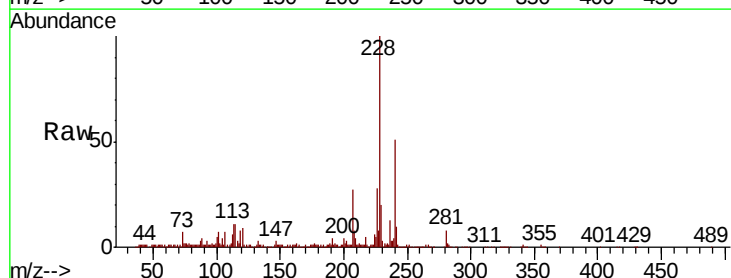
Tgt Ion:228 Resp: 226188

Ion Ratio Lower Upper

228 100

229 20.4 15.5 23.3

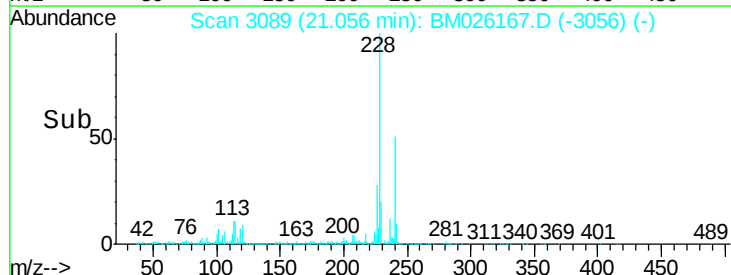
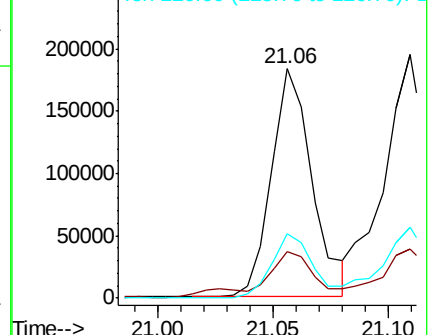
226 27.8 21.2 31.8

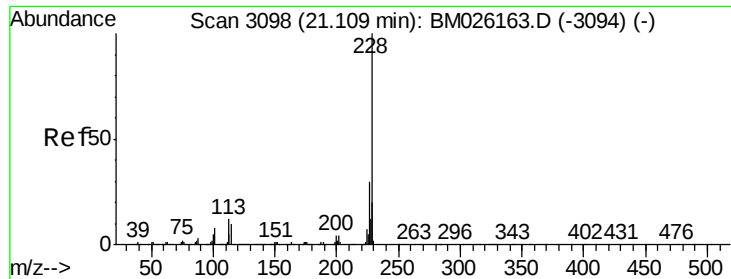


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#85

Chrysene

Concen: 4.137 ng/ul

RT: 21.11 min Scan# 3098

Delta R.T. -0.01 min

Lab File: BM026167.D

Acq: 28 May 2020 22:19

Instrument :

BNA_M

ClientSampleId :

C5CC3

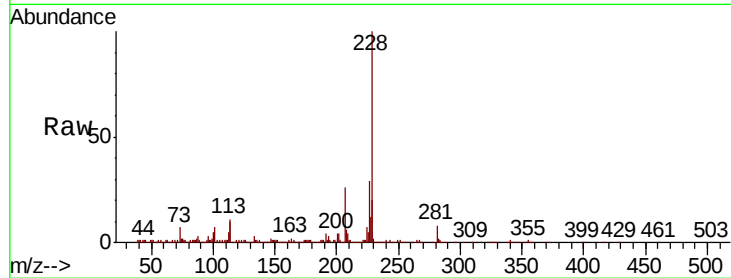
Tot Ion:228 Resp: 259479

Ion Ratio Lower Upper

228 100

226 29.3 23.0 34.6

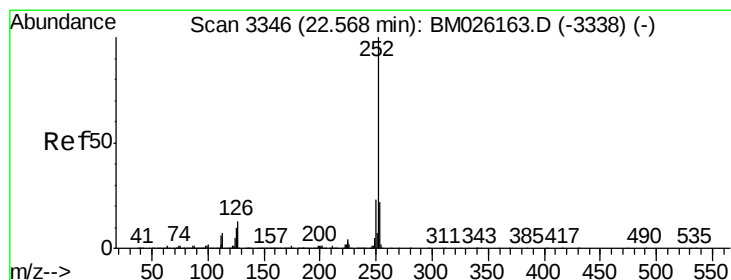
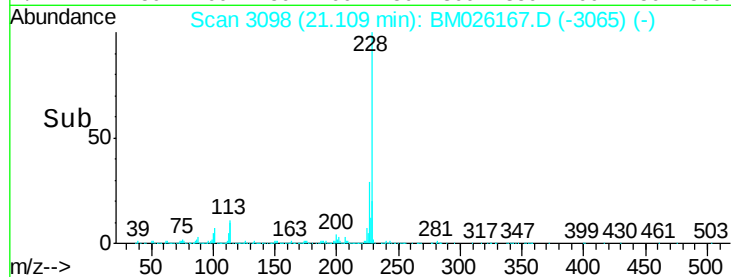
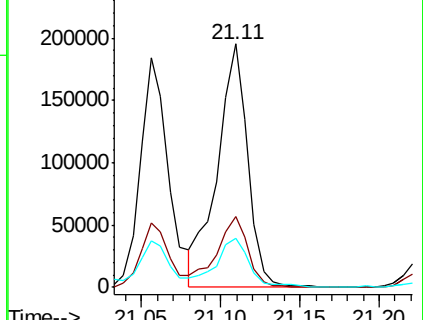
229 20.3 15.5 23.3



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



#88

Benzo(b)fluoranthene

Concen: 5.857 ng/ul

RT: 22.57 min Scan# 3346

Delta R.T. -0.00 min

Lab File: BM026167.D

Acq: 28 May 2020 22:19

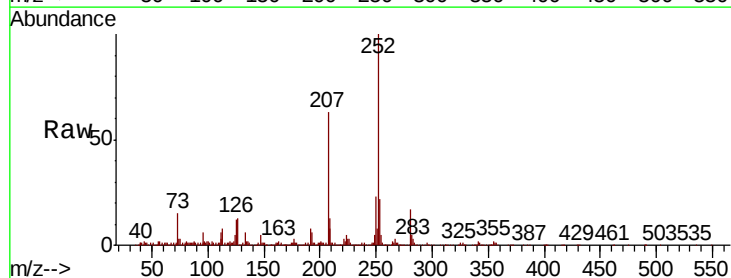
Tgt Ion:252 Resp: 373353

Ion Ratio Lower Upper

252 100

253 22.2 17.1 25.7

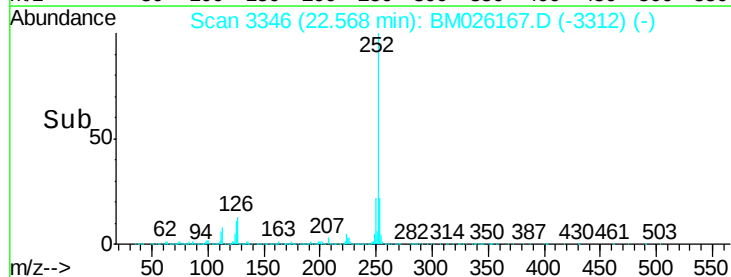
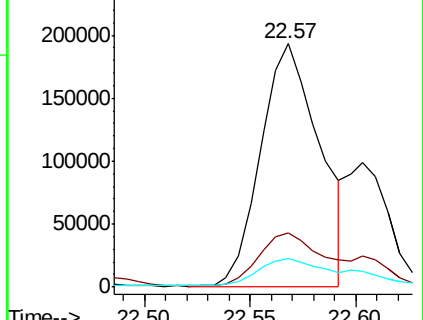
125 12.0 8.9 13.3

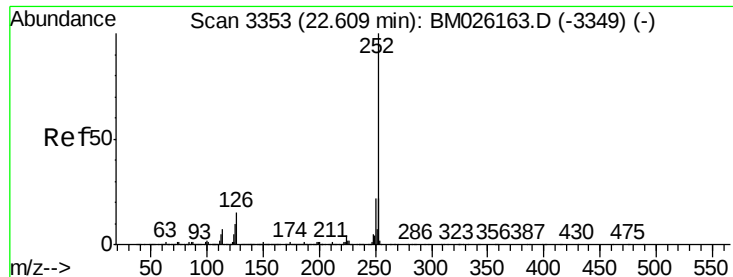


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 2.081 ng/ul

RT: 22.60 min Scan# 3352

Delta R.T. -0.01 min

Lab File: BM026167.D

Acq: 28 May 2020 22:19

Instrument :

BNA_M

ClientSampleId :

C5CC3

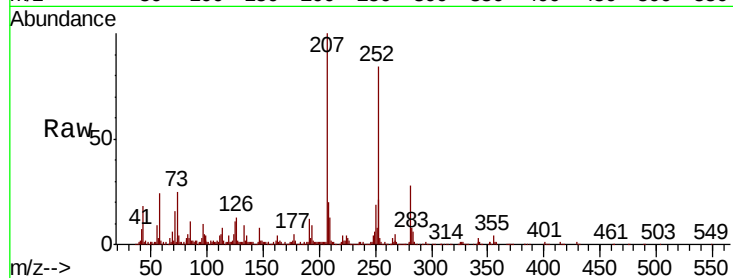
Tot Ion:252 Resp: 132493

Ion Ratio Lower Upper

252 100

253 24.6 17.0 25.4

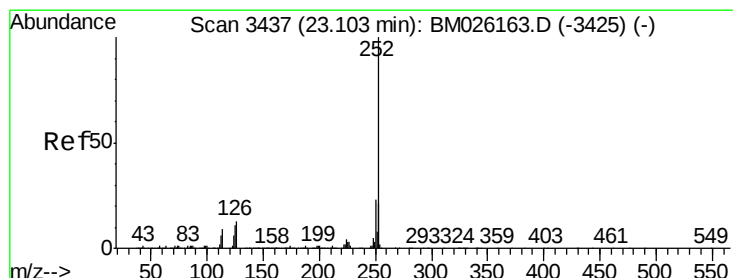
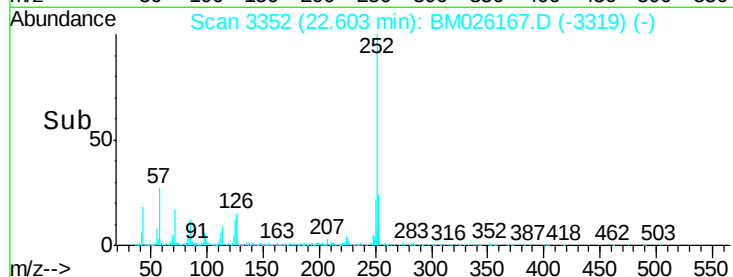
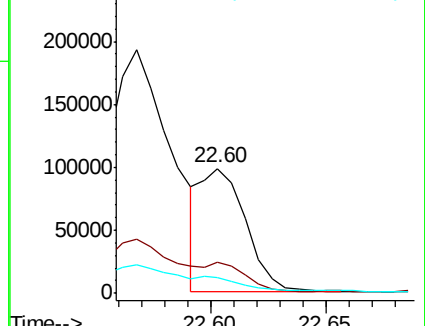
125 12.6 8.6 13.0



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



#91

Benzo(a)pyrene

Concen: 4.025 ng/ul

RT: 23.10 min Scan# 3436

Delta R.T. -0.01 min

Lab File: BM026167.D

Acq: 28 May 2020 22:19

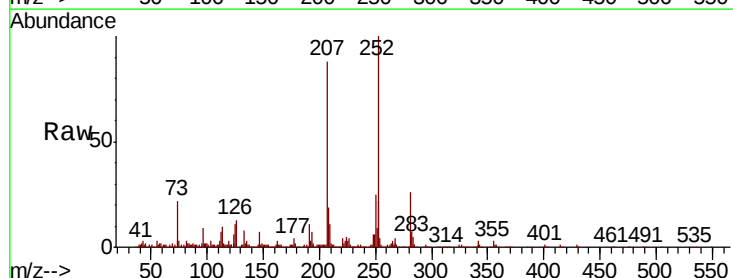
Tgt Ion:252 Resp: 225821

Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

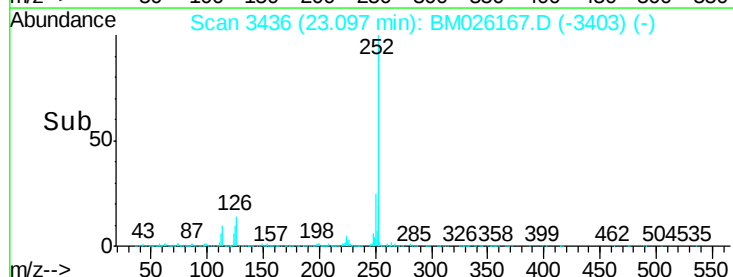
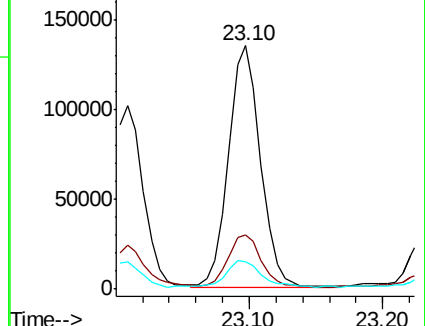
125 11.2 9.8 14.6

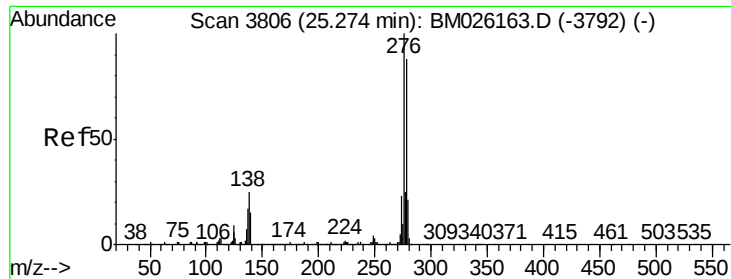


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



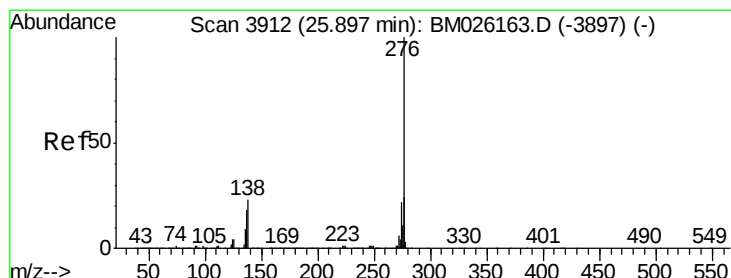
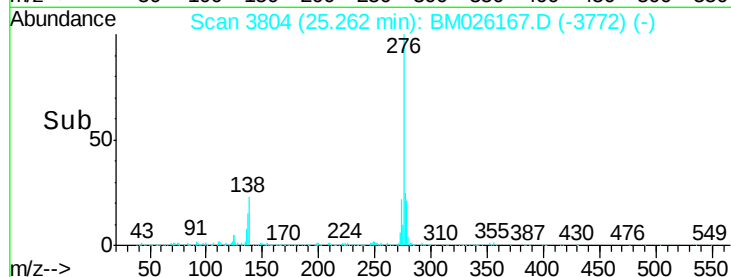
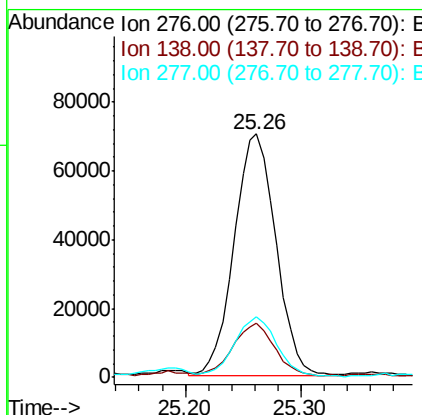
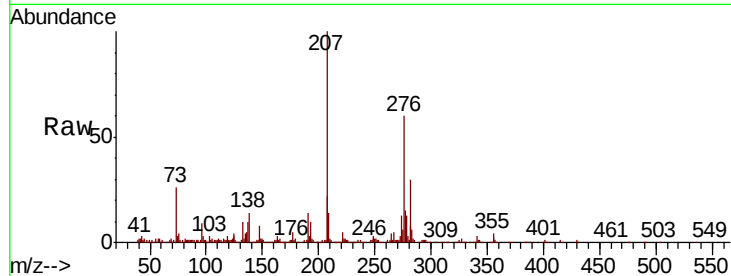


#92

Indeno(1,2,3-cd)pyrene
Concen: 2.427 ng/ul
RT: 25.26 min Scan# 3804
Delta R.T. -0.01 min
Lab File: BM026167.D
Acq: 28 May 2020 22:19

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Tot Ion	Ratio	Lower	Upper
276	100		
138	22.5	21.6	32.4
277	25.1	20.3	30.5



#94

Benzo(g,h,i)perylene
Concen: 2.520 ng/ul
RT: 25.89 min Scan# 3911
Delta R.T. -0.01 min
Lab File: BM026167.D
Acq: 28 May 2020 22:19

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.9	18.7	28.1
277	25.2	18.8	28.2

