

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061219\
 Data File : BM020897.D
 Acq On : 12 Jun 2019 10:34
 Operator : HP/JU
 Sample : K3083-04
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A51F7

Quant Time: Jun 12 14:01:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jun 09 01:02:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	253464	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	991091	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	549619	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	1225482	20.00	ng/ul	0.00
77) Chrysene-d12	21.37	240	1173416	20.00	ng/ul	0.00
85) Perylene-d12	23.65	264	1405534	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.31	96	21864	4.11	ng/uL	0.00
5) Phenol-d5	6.97	99	406964	20.99	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	257199	22.12	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	357072	23.12	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	325208	20.84	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	166851	24.67	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	177971	25.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	339111	23.35	ng/ul	0.00
29) 4-Chloroaniline-d4	10.74	131	150295	8.59	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	995536	24.49	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	1214279	23.56	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	121107	17.36	ng/ul	0.00
57) Fluorene-d10	15.44	176	846419	24.50	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	77029	12.29	ng/ul	0.00
70) Anthracene-d10	17.29	188	1211270	22.63	ng/ul	0.00
78) Pyrene-d10	19.58	212	1303743	22.99	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.50	264	1412811	22.12	ng/ul	0.00

Target Compounds

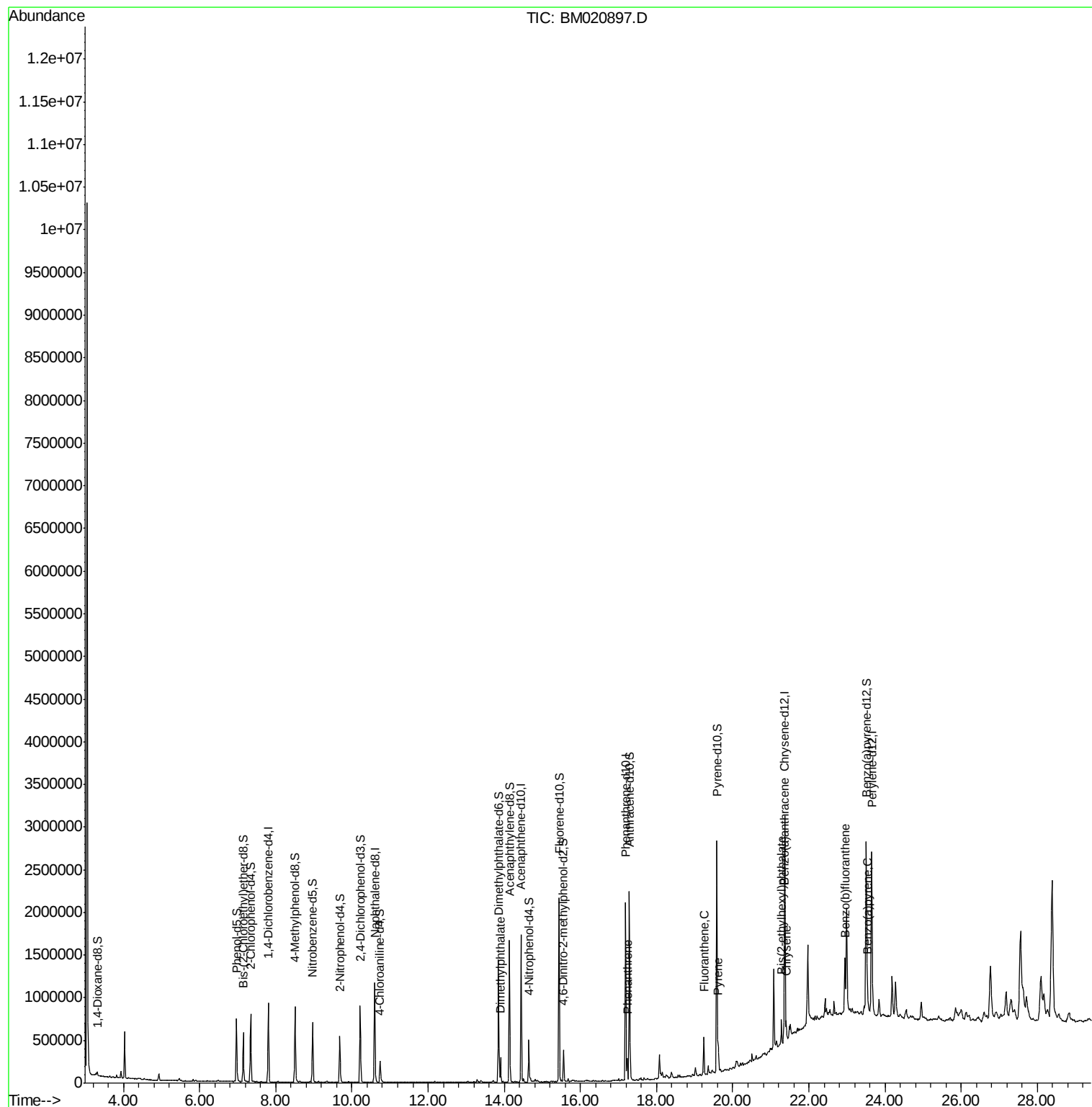
					Ovalue
44) Dimethylphthalate	13.90	163	183327	4.503	ng/ul 99
69) Phenanthrene	17.23	178	147325	2.389	ng/ul 99
76) Fluoranthene	19.24	202	249830	3.535	ng/ul 99
79) Pyrene	19.61	202	207537	2.865	ng/ul 97
82) Benzo(a)anthracene	21.35	228	110528	1.510	ng/ul 98
83) Bis(2-ethylhexyl)phthalate	21.28	149	98493	1.978	ng/ul 100
84) Chrysene	21.40	228	113358	1.669	ng/ul 97
87) Benzo(b)fluoranthene	22.96	252	167731	2.051	ng/ul# 93
90) Benzo(a)pyrene	23.55	252	103947	1.336	ng/ul# 93

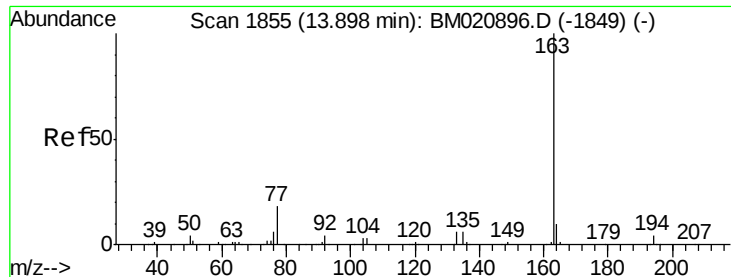
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 4.503 ng/ul

RT: 13.90 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BM020897.D

Acq: 12 Jun 2019 10:34

Instrument :

BNA_M

ClientSampleId :

A51F7

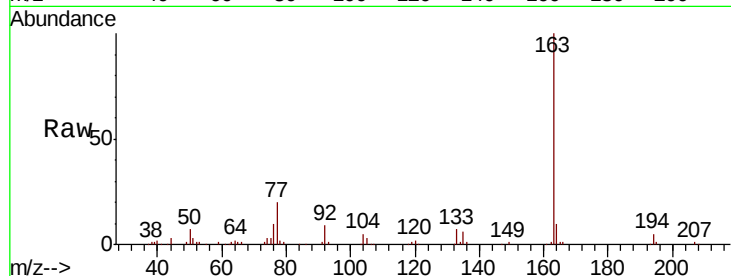
Tot Ion:163 Resp: 183327

Ion Ratio Lower Upper

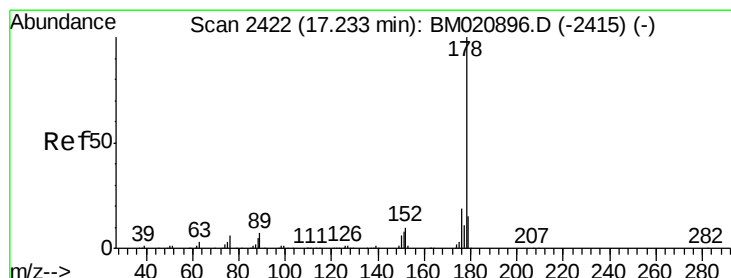
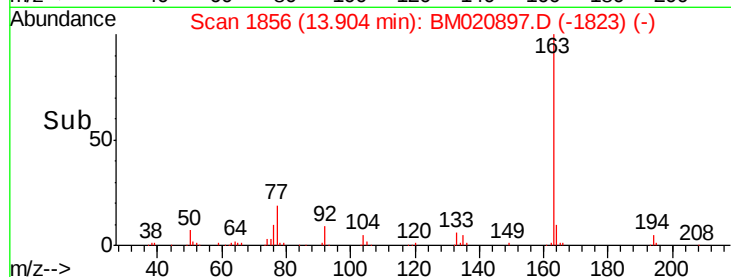
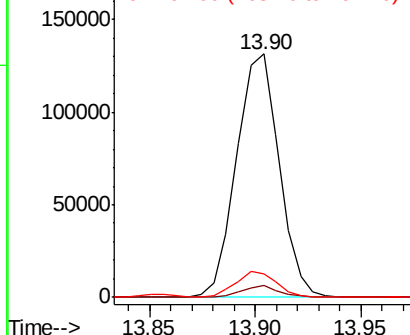
163 100

194 4.7 3.2 4.8

164 9.7 8.0 12.0



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



#69

Phenanthrene

Concen: 2.389 ng/ul

RT: 17.23 min Scan# 2422

Delta R.T. -0.01 min

Lab File: BM020897.D

Acq: 12 Jun 2019 10:34

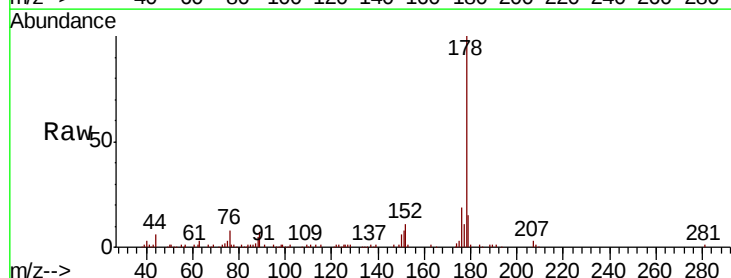
Tgt Ion:178 Resp: 147325

Ion Ratio Lower Upper

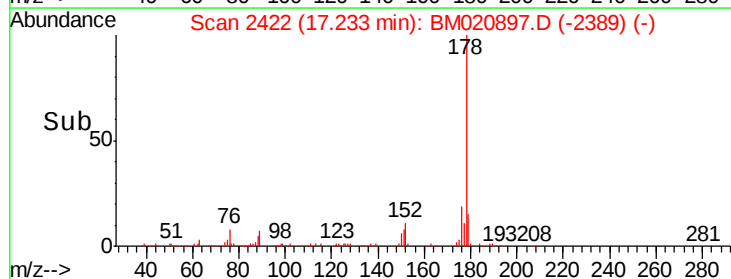
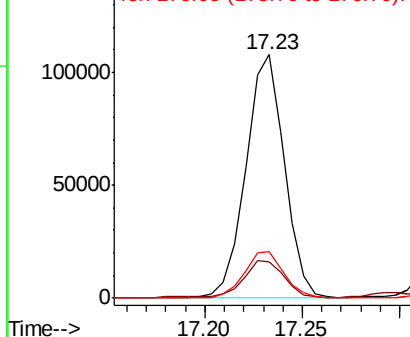
178 100

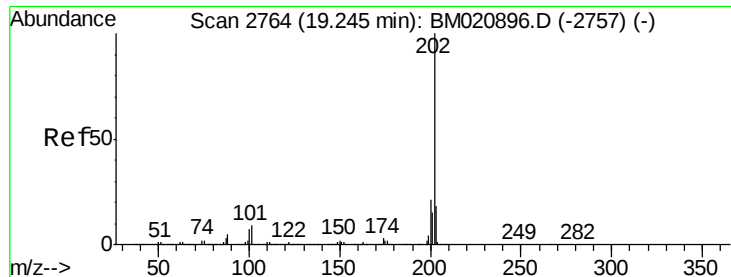
179 15.1 12.3 18.5

176 19.1 14.8 22.2



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: 3.535 ng/ul

RT: 19.24 min Scan# 2764

Delta R.T. -0.01 min

Lab File: BM020897.D

Acq: 12 Jun 2019 10:34

Instrument :

BNA_M

ClientSampled :

A51F7

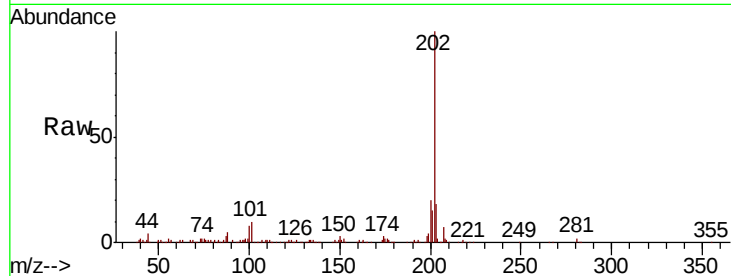
Tot Ion:202 Resp: 249830

Ion Ratio Lower Upper

202 100

101 9.6 7.9 11.9

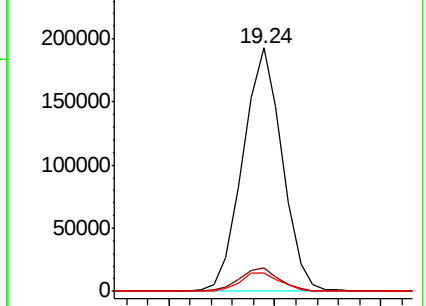
100 7.7 6.2 9.4



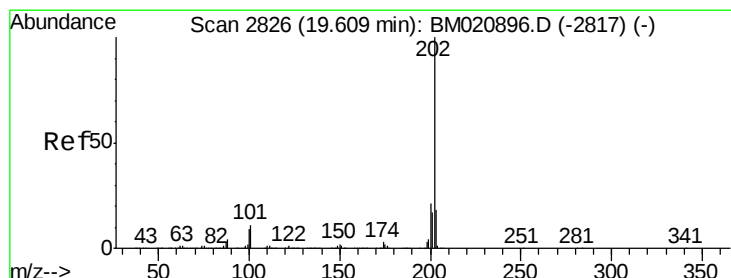
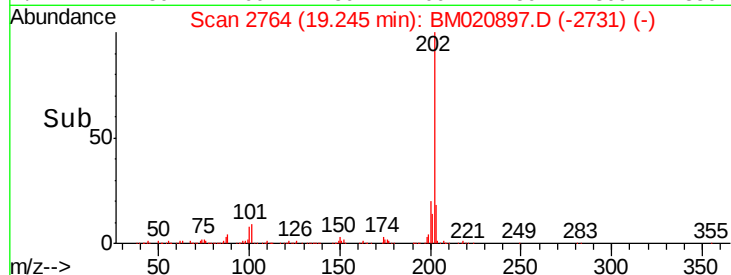
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Time-->



#79

Pyrene

Concen: 2.865 ng/ul

RT: 19.61 min Scan# 2826

Delta R.T. -0.01 min

Lab File: BM020897.D

Acq: 12 Jun 2019 10:34

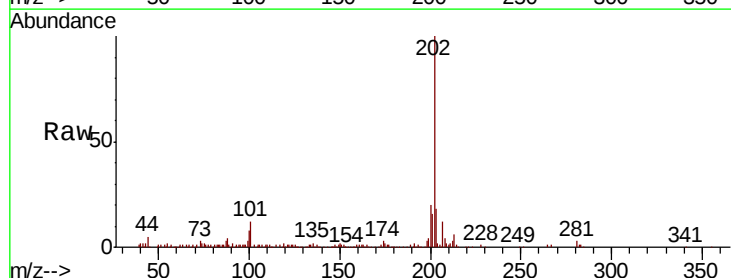
Tgt Ion:202 Resp: 207537

Ion Ratio Lower Upper

202 100

101 11.6 9.8 14.6

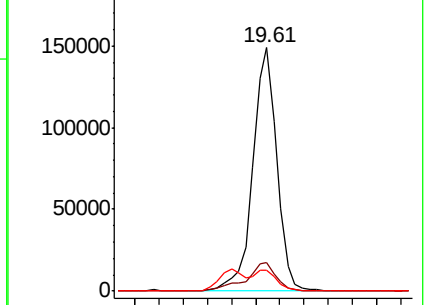
100 8.5 8.0 12.0



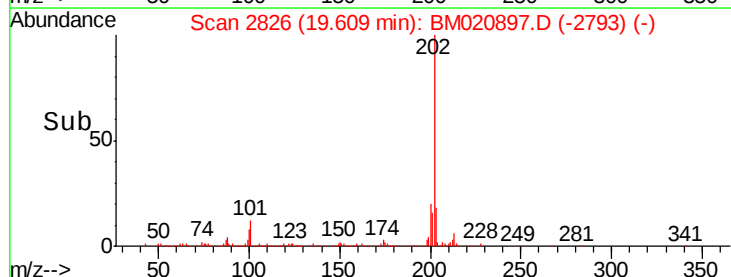
Abundance Ion 202.00 (201.70 to 202.70): E

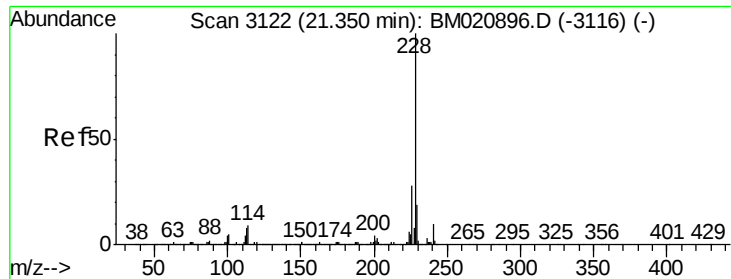
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Time-->





#82

Benzo(a)anthracene

Concen: 1.510 ng/ul

RT: 21.35 min Scan# 3122

Delta R.T. -0.01 min

Lab File: BM020897.D

Acq: 12 Jun 2019 10:34

Instrument :

BNA_M

ClientSampleId :

A51F7

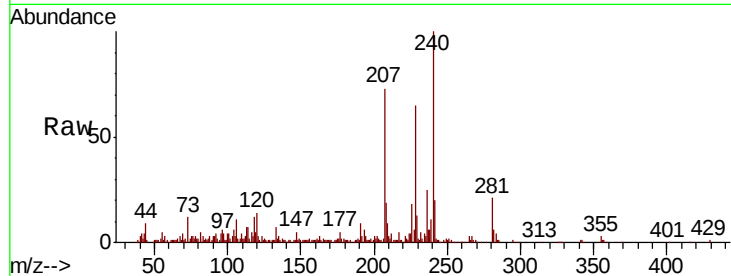
Tot Ion:228 Resp: 110528

Ion Ratio Lower Upper

228 100

229 20.4 15.6 23.4

226 27.7 21.4 32.2

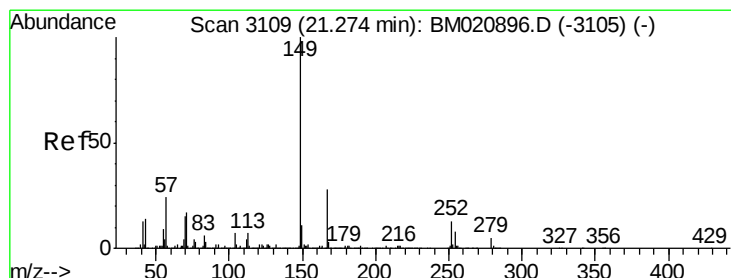
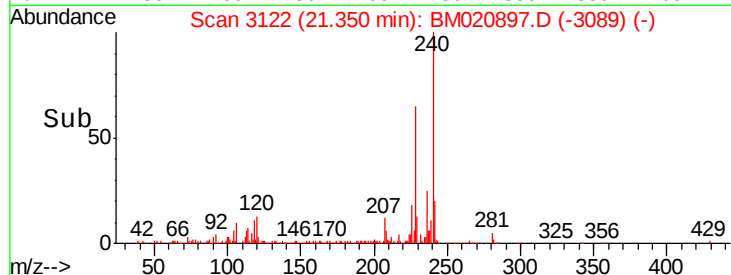
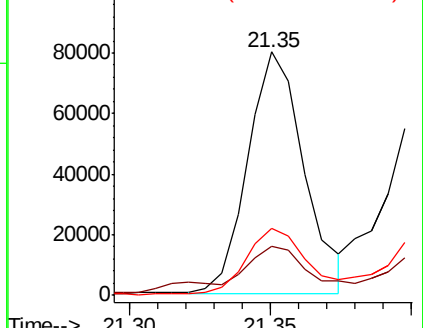


Abundance

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



#83

Bis(2-ethylhexyl)phthalate

Concen: 1.978 ng/ul

RT: 21.28 min Scan# 3110

Delta R.T. -0.01 min

Lab File: BM020897.D

Acq: 12 Jun 2019 10:34

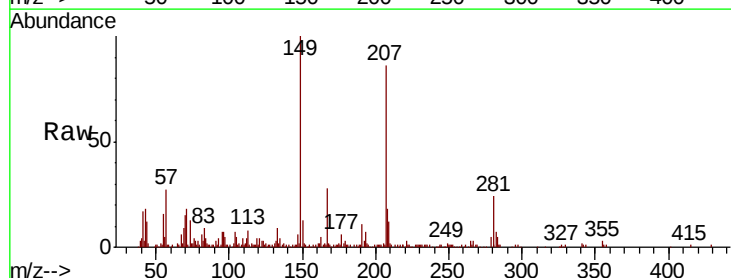
Tgt Ion:149 Resp: 98493

Ion Ratio Lower Upper

149 100

167 27.7 21.9 32.9

279 5.2 4.1 6.1

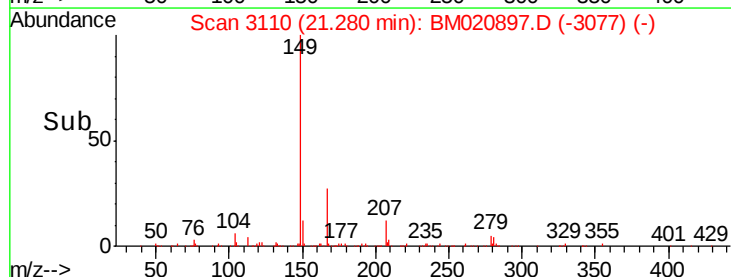
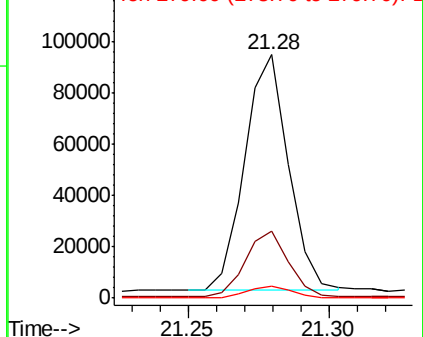


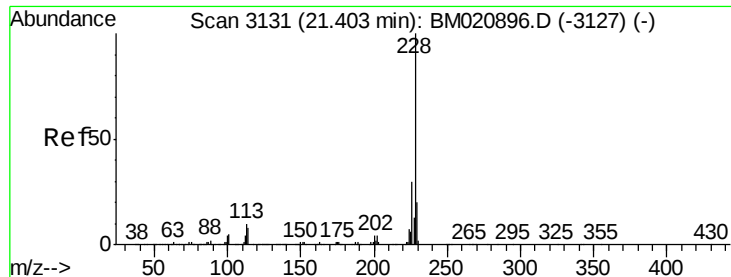
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

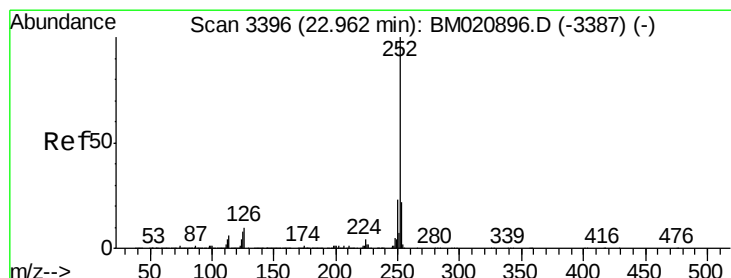
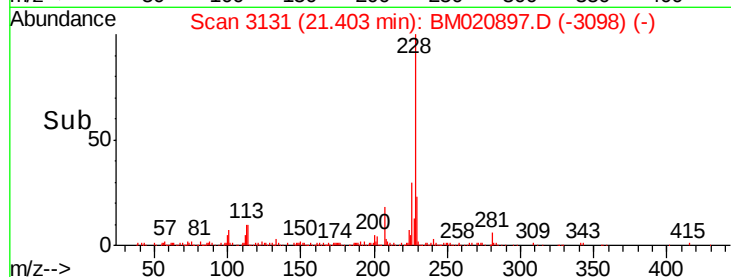
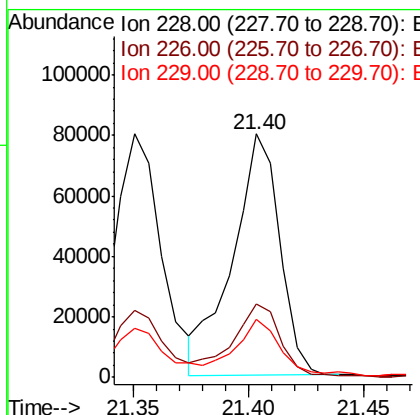
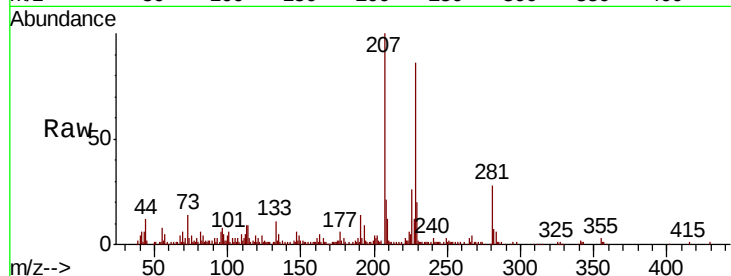




#84
Chrysene
Concen: 1.669 ng/ul
RT: 21.40 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BM020897.D
Acq: 12 Jun 2019 10:34

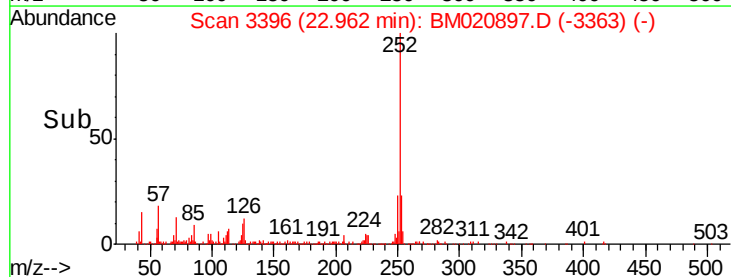
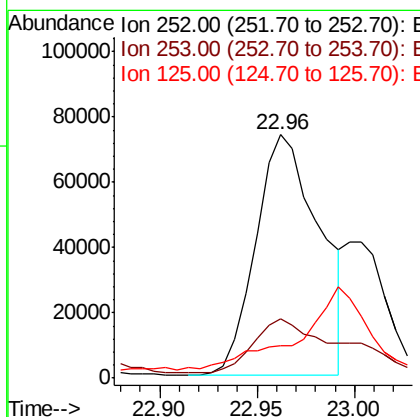
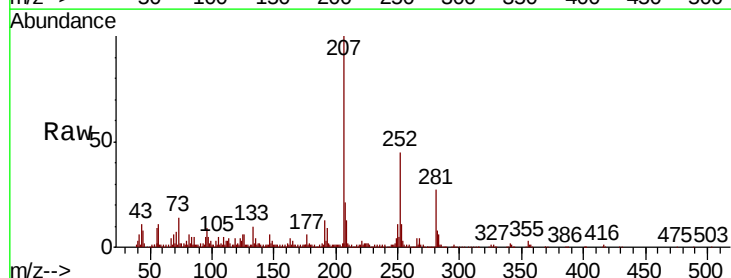
Instrument :
BNA_M
ClientSampleId :
A51F7

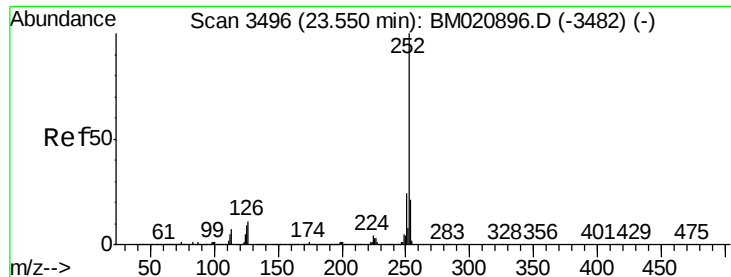
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.4	36.6
229	23.6	16.2	24.2



#87
Benzo(b)fluoranthene
Concen: 2.051 ng/ul
RT: 22.96 min Scan# 3396
Delta R.T. -0.01 min
Lab File: BM020897.D
Acq: 12 Jun 2019 10:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.6	26.4
125	13.2	7.3	10.9





#90

Benzo(a)pyrene

Concen: 1.336 ng/ul

RT: 23.55 min Scan# 3496

Delta R.T. -0.01 min

Lab File: BM020897.D

Acq: 12 Jun 2019 10:34

Instrument :

BNA_M

ClientSampleId :

A51F7

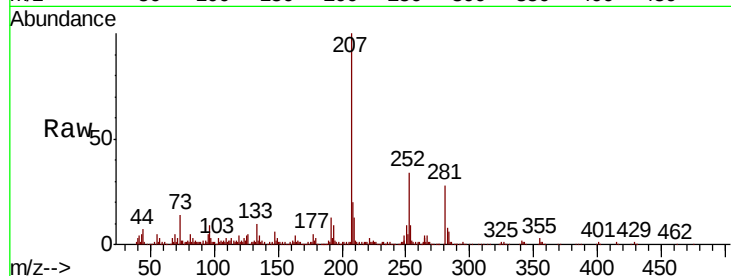
Tot Ion:252 Resp: 103947

Ion Ratio Lower Upper

252 100

253 24.9 17.0 25.6

125 13.0 8.2 12.4#



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

