

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052119\
 Data File : BM020482.D
 Acq On : 22 May 2019 04:41
 Operator : JU/SJ
 Sample : K2923-07DL X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4254DL

Quant Time: May 22 06:44:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 22 06:40:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	64287	20.00	ng/ul	0.00
18) Naphthalene-d8	10.51	136	239031	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	144859	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.13	188	358658	20.00	ng/ul	0.00
77) Chrysene-d12	21.34	240	397344	20.00	ng/ul	0.03
85) Perylene-d12	23.74	264	436271	20.00	ng/ul	0.15

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	1991	1.14	ng/uL	0.00
5) Phenol-d5	6.89	99	22615	4.41	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	13589	4.17	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	18971	5.04	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	15702	4.20	ng/ul	0.00
19) Nitrobenzene-d5	8.89	128	6552	4.21	ng/ul	0.00
22) 2-Nitrophenol-d4	9.61	143	7723	4.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.14	165	15815	4.36	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	10424	2.78	ng/ul	0.00
43) Dimethylphthalate-d6	13.79	166	52527	5.04	ng/ul	0.00
46) Acenaphthylene-d8	14.06	160	66092	5.07	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	438	0.29	ng/ul	0.02
57) Fluorene-d10	15.37	176	51377	5.54	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.51	200	2328	1.14	ng/ul	0.00
70) Anthracene-d10	17.22	188	79465	5.17	ng/ul	0.00
78) Pyrene-d10	19.53	212	101920	5.33	ng/ul	0.01
89) Benzo(a)pyrene-d12	23.58	264	120776	6.09	ng/ul	0.14

Target Compounds

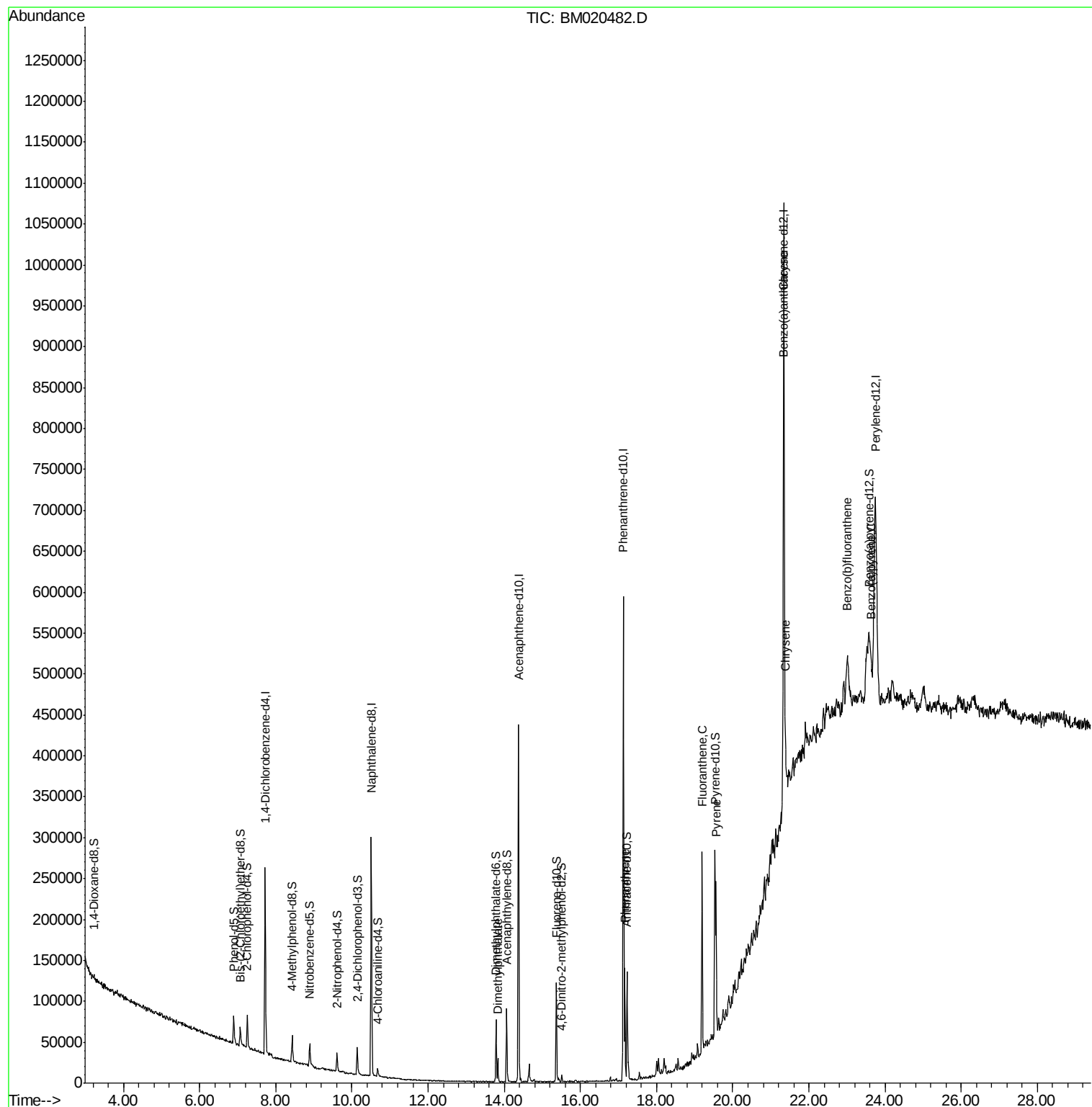
					Qvalue
44) Dimethylphthalate	13.83	163	19913	1.931 ng/ul	99
69) Phenanthrene	17.17	178	82187	4.809 ng/ul	99
76) Fluoranthene	19.19	202	150359	6.965 ng/ul	99
79) Pyrene	19.56	202	120444	5.050 ng/ul	98
82) Benzo(a)anthracene	21.33	228	62747	2.624 ng/ul	93
84) Chrysene	21.38	228	64058	2.803 ng/ul	92
87) Benzo(b)fluoranthene	23.02	252	122367	4.915 ng/ul#	86
90) Benzo(a)pyrene	23.64	252	50621	2.160 ng/ul#	80

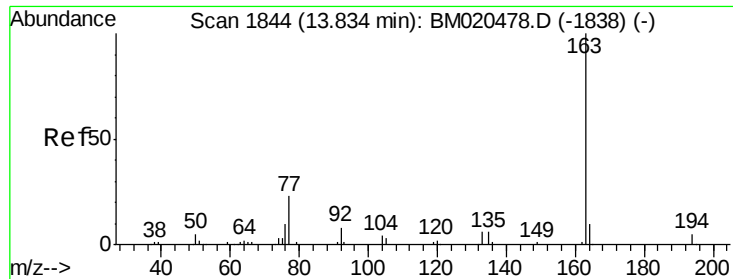
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#44

Dimethylphthalate

Concen: 1.931 ng/ul

RT: 13.83 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BM020482.D

Acq: 22 May 2019 04:41

Instrument :

BNA_M

ClientSampleId :

A4254DL

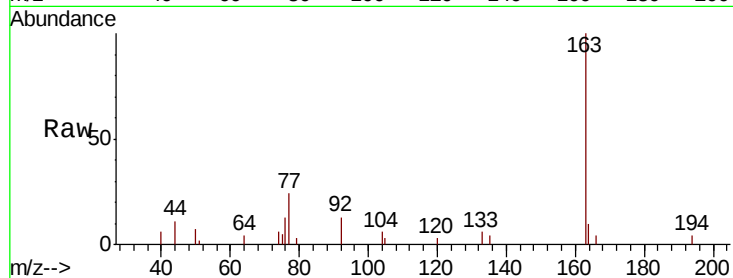
Tgt Ion:163 Resp: 19913

Ion Ratio Lower Upper

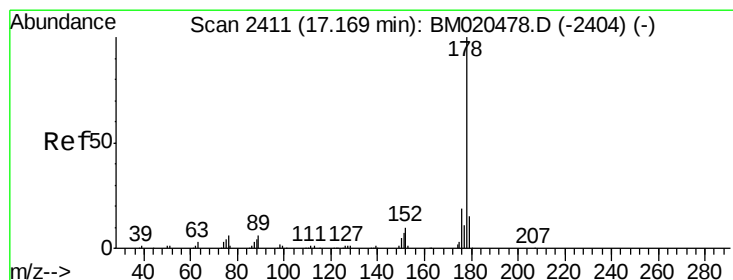
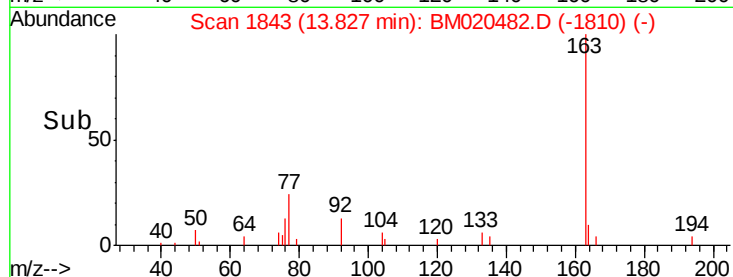
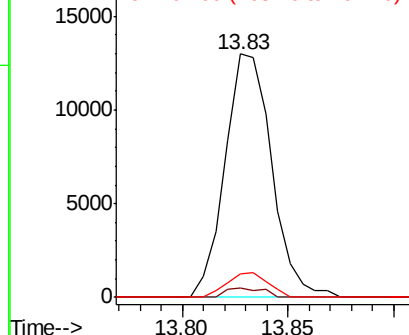
163 100

194 3.7 3.3 4.9

164 9.5 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: 4.809 ng/ul

RT: 17.17 min Scan# 2411

Delta R.T. -0.00 min

Lab File: BM020482.D

Acq: 22 May 2019 04:41

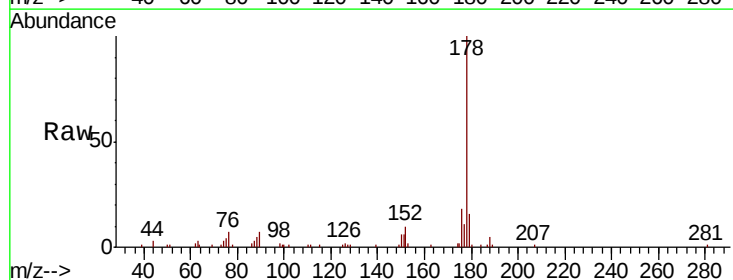
Tgt Ion:178 Resp: 82187

Ion Ratio Lower Upper

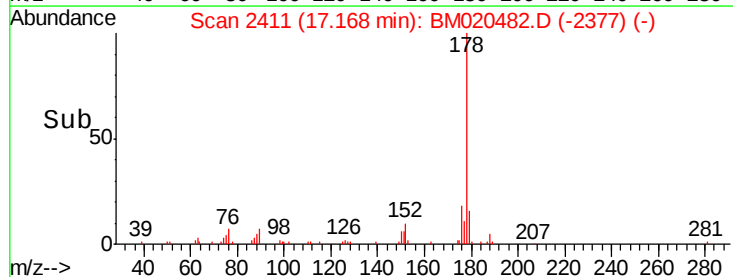
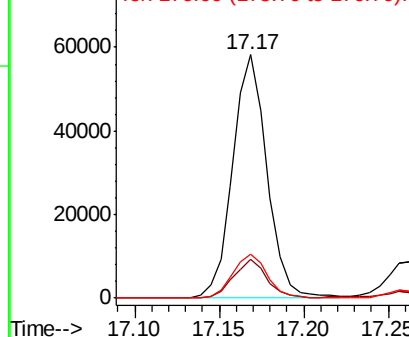
178 100

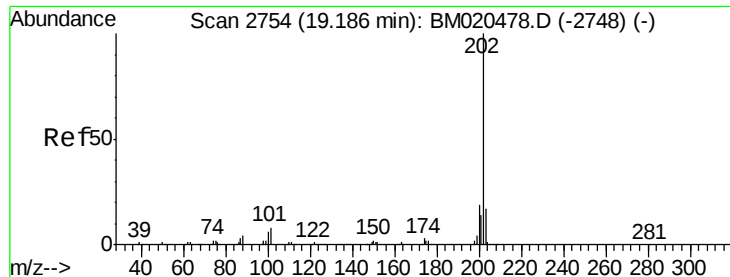
179 16.0 11.9 17.9

176 18.2 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





#76

Fluoranthene

Concen: 6.965 ng/ul

RT: 19.19 min Scan# 2755

Delta R.T. 0.01 min

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ClientSampleId :

A4254DL

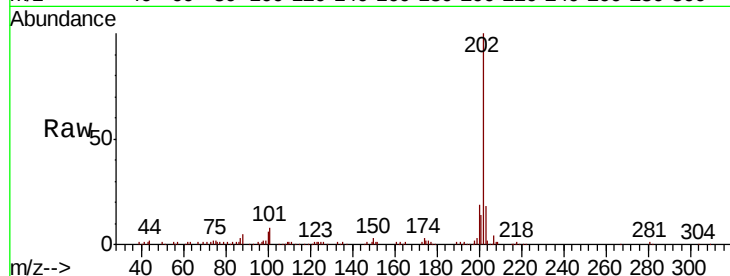
Tgt Ion:202 Resp: 150359

Ion Ratio Lower Upper

202 100

101 8.0 6.4 9.6

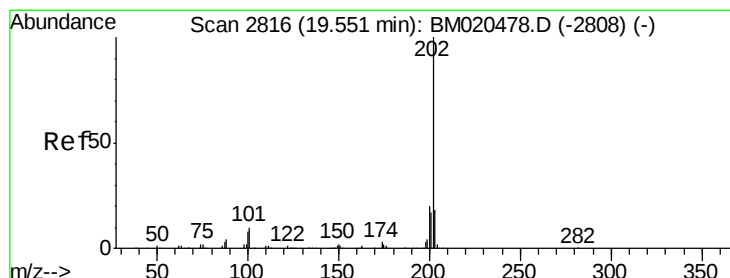
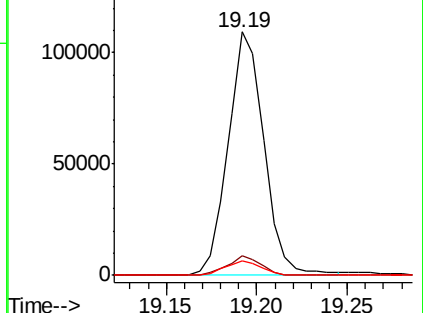
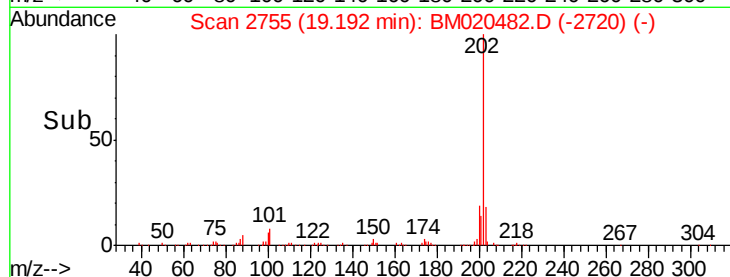
100 6.1 5.2 7.8



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): B



#79

Pyrene

Concen: 5.050 ng/ul

RT: 19.56 min Scan# 2818

Delta R.T. 0.01 min

Lab File: BM020482.D

Acq: 22 May 2019 04:41

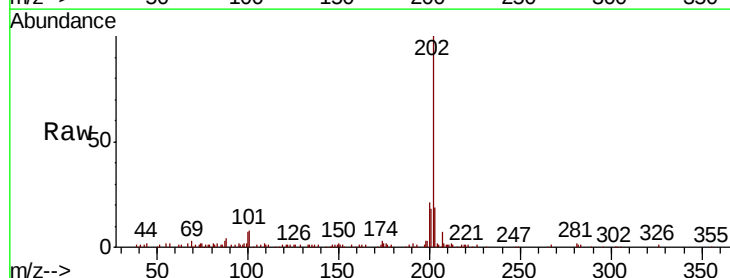
Tgt Ion:202 Resp: 120444

Ion Ratio Lower Upper

202 100

101 7.9 7.1 10.7

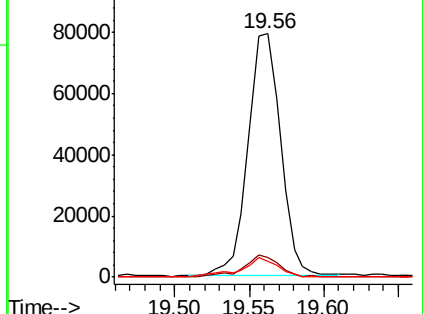
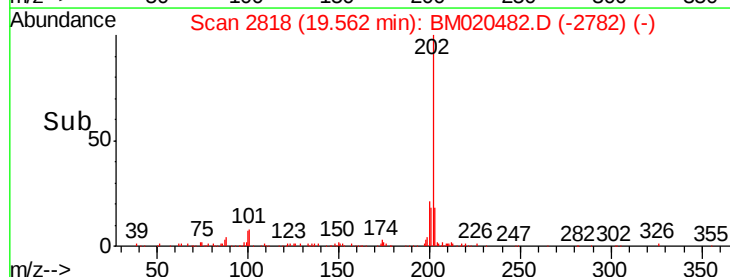
100 6.6 5.9 8.9

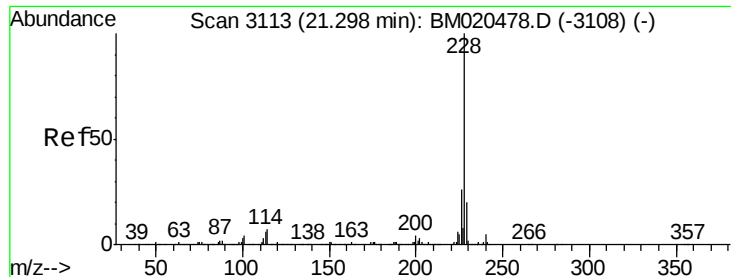


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#82

Benzo(a)anthracene

Concen: 2.624 ng/ul

RT: 21.33 min Scan# 3118

Delta R.T. 0.03 min

Lab File: BM020482.D

Acq: 22 May 2019 04:41

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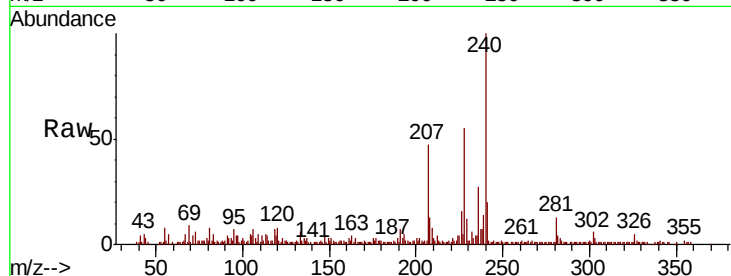
Tgt Ion:228 Resp: 62747

Ion Ratio Lower Upper

228 100

229 22.4 15.8 23.8

226 29.3 20.6 30.8

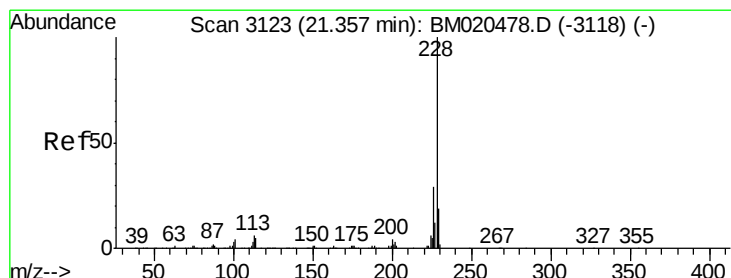
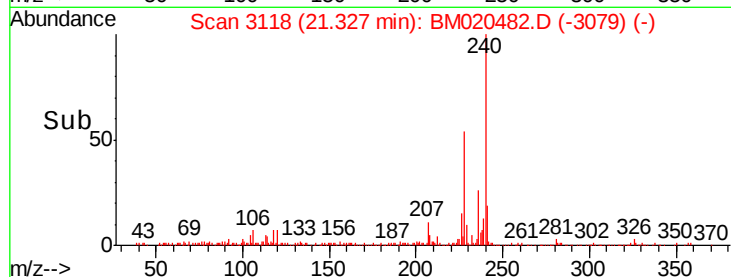
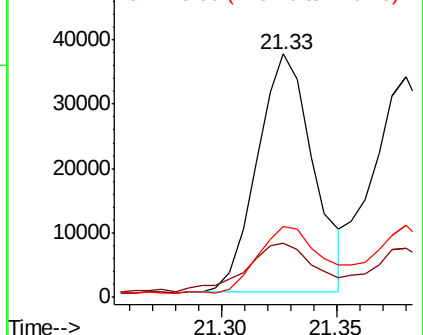


Abundance

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



#84

Chrysene

Concen: 2.803 ng/ul

RT: 21.38 min Scan# 3127

Delta R.T. 0.02 min

Lab File: BM020482.D

Acq: 22 May 2019 04:41

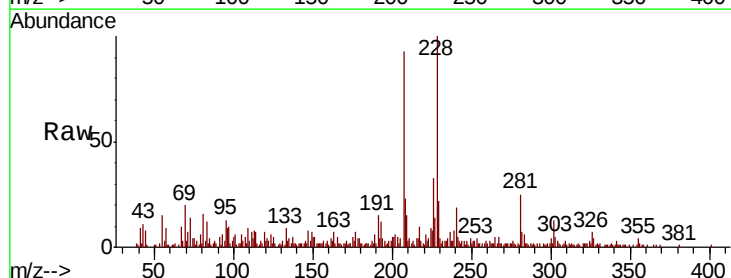
Tgt Ion:228 Resp: 64058

Ion Ratio Lower Upper

228 100

226 32.9 22.2 33.4

229 22.3 15.4 23.2

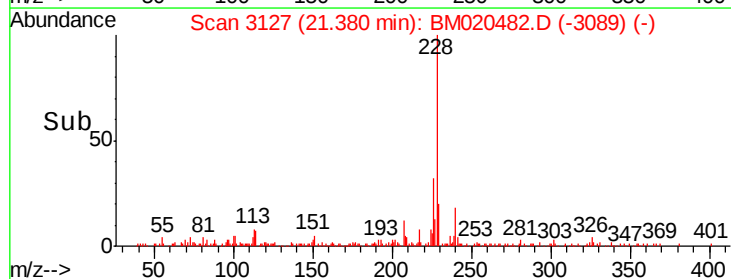
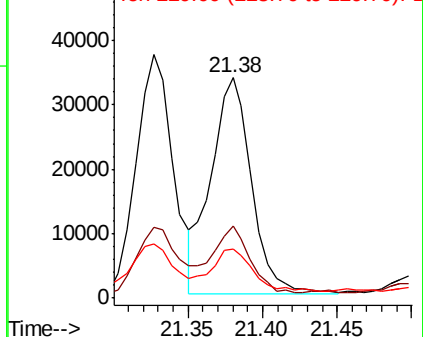


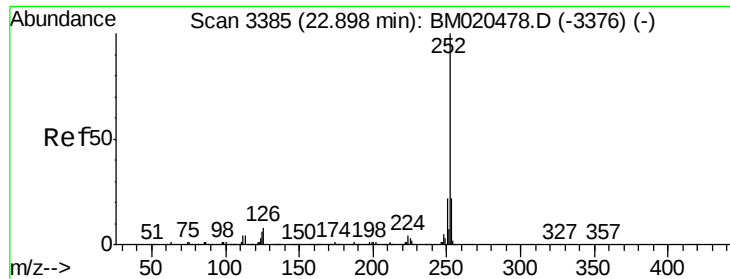
Abundance

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: 4.915 ng/ul

RT: 23.02 min Scan# 3405

Delta R.T. 0.12 min

Lab File: BM020482.D

Acq: 22 May 2019 04:41

Instrument :

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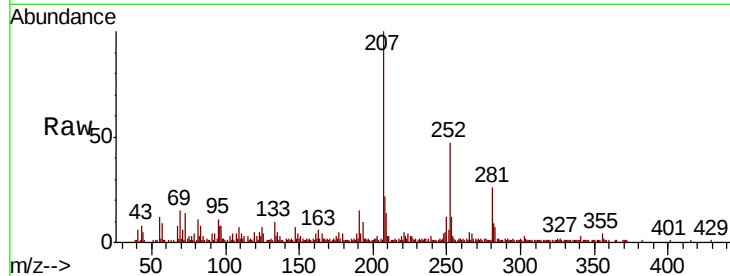
Tgt Ion:252 Resp: 122367

Ion Ratio Lower Upper

252 100

253 26.8 17.0 25.6#

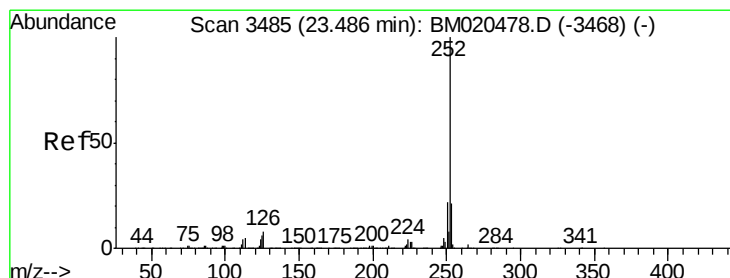
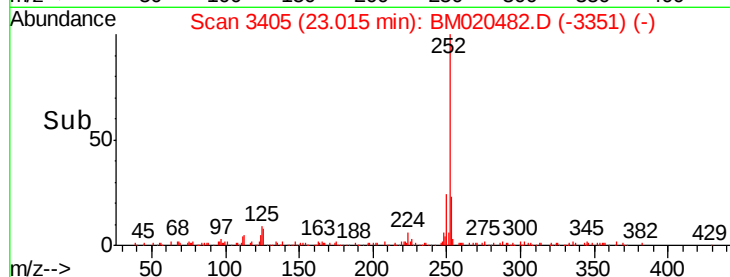
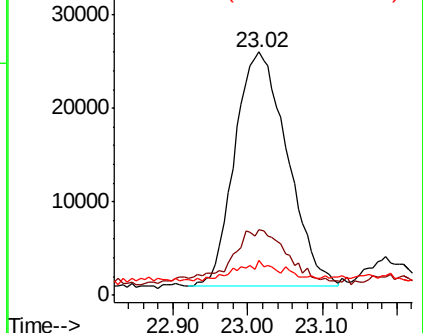
125 14.2 5.0 7.4#



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



#90

Benzo(a)pyrene

Concen: 2.160 ng/ul

RT: 23.64 min Scan# 3511

Delta R.T. 0.15 min

Lab File: BM020482.D

Acq: 22 May 2019 04:41

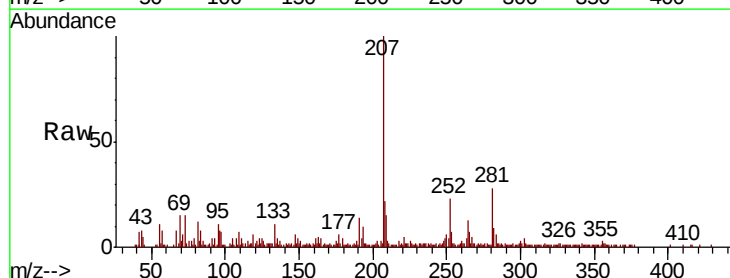
Tgt Ion:252 Resp: 50621

Ion Ratio Lower Upper

252 100

253 29.5 17.4 26.2#

125 17.4 5.4 8.2#



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

