

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042418\
 Data File : BM014819.D
 Acq On : 24 Apr 2018 20:50
 Operator : SJ/JU
 Sample : J2431-09DL 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DASPODL

Quant Time: Apr 25 02:28:22 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 25 02:07:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.52	152	420998	20.00	ng/ul	0.00
18) Naphthalene-d8	11.37	136	1841503	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.13	164	1033634	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.84	188	2328669	20.00	ng/ul	0.00
75) Chrysene-d12	21.93	240	2575433	20.00	ng/ul	0.00
83) Perylene-d12	24.41	264	2672605	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.66	96	11812	1.23	ng/uL	0.01
5) Phenol-d5	7.65	99	168247	5.17	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.82	67	127806	6.12	ng/ul	0.00
9) 2-Chlorophenol-d4	8.04	132	142542	5.24	ng/ul	0.00
13) 4-Methylphenol-d8	9.22	113	126583	4.88	ng/ul	0.00
19) Nitrobenzene-d5	9.70	128	63851	4.80	ng/ul	0.00
22) 2-Nitrophenol-d4	10.43	143	56522	4.26	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.97	165	119965	4.45	ng/ul	0.00
29) 4-Chloroaniline-d4	11.49	131	188009	7.07	ng/ul	0.00
43) Dimethylphthalate-d6	14.52	166	437359	5.42	ng/ul	0.00
46) Acenaphthylene-d8	14.83	160	447888	4.50	ng/ul	0.00
51) 4-Nitrophenol-d4	15.28	143	37055	2.47	ng/ul	0.00
57) Fluorene-d10	16.10	176	383198	5.46	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.20	200	25184	2.00	ng/ul	0.00
70) Anthracene-d10	17.93	188	561685	5.18	ng/ul	0.00
76) Pyrene-d10	20.17	212	641486	5.26	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.25	264	731362	5.57	ng/ul	0.00

Target Compounds

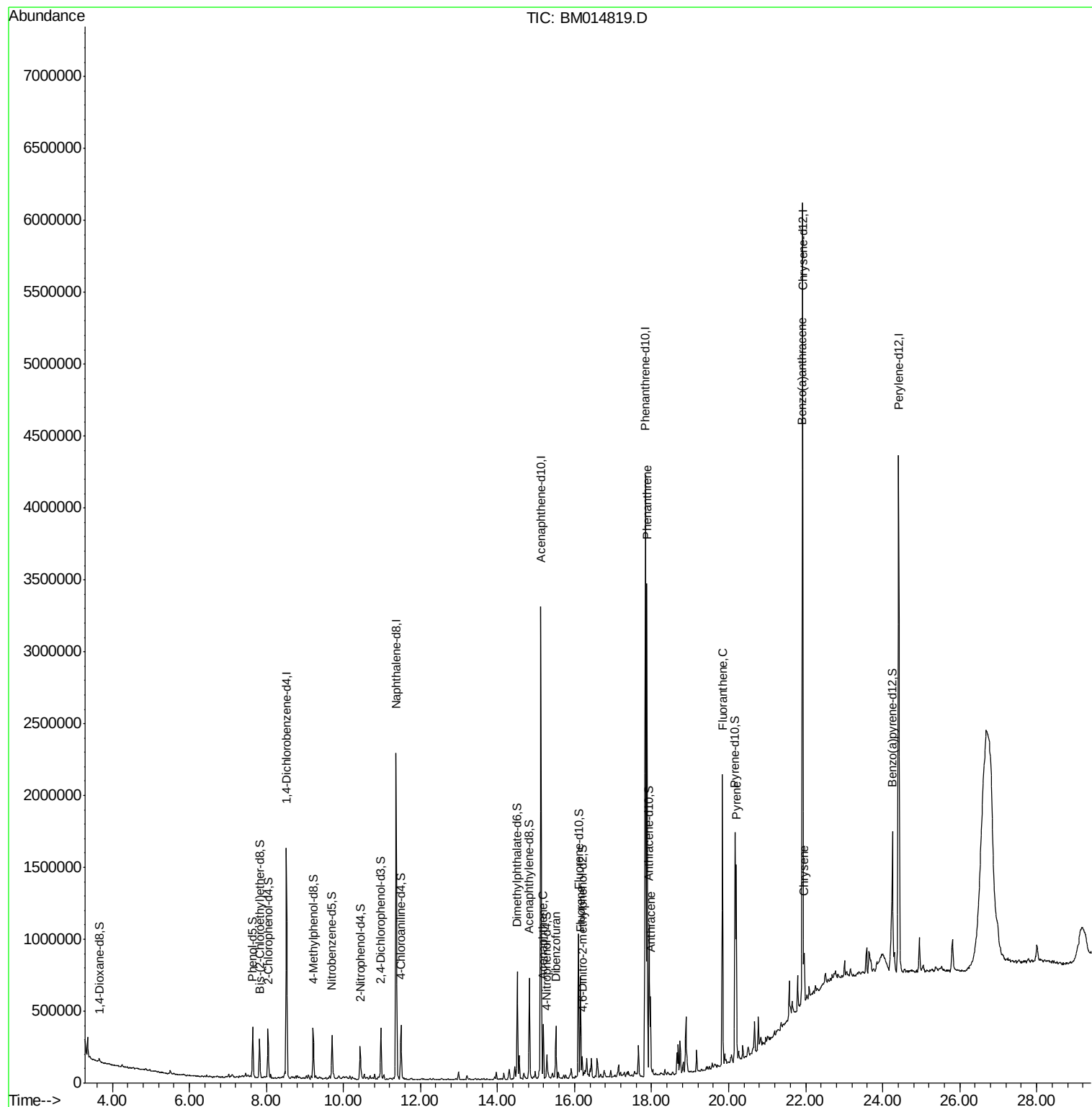
					Ovalue
49) Acenaphthene	15.19	153	143177	2.087	ng/ul 99
53) Dibenzofuran	15.52	168	205517	2.157	ng/ul 100
58) Fluorene	16.16	166	289175	3.759	ng/ul 99
69) Phenanthrene	17.88	178	1942421	15.532	ng/ul 99
71) Anthracene	17.97	178	308594	2.431	ng/ul 98
74) Fluoranthene	19.84	202	1140987	8.368	ng/ul# 84
77) Pyrene	20.20	202	822188	5.464	ng/ul# 79
80) Benzo(a)anthracene	21.91	228	269878	1.792	ng/ul 99
82) Chrysene	21.96	228	223321	1.584	ng/ul 97

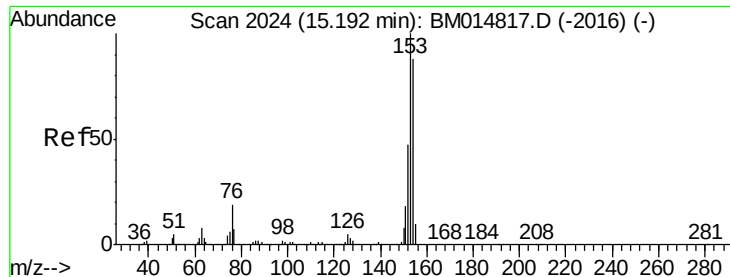
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#49

Acenaphthene

Concen: 2.087 ng/ul

RT: 15.19 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BM014819.D

Acq: 24 Apr 2018 20:50

Instrument :

BNA_M

ClientSampleId :

DASPODL

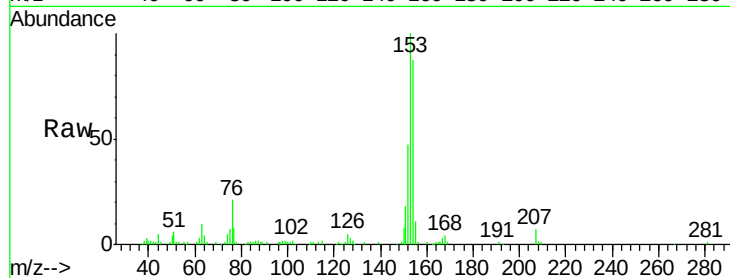
Tot Ion:153 Resp: 143177

Ion Ratio Lower Upper

153 100

152 47.1 37.6 56.4

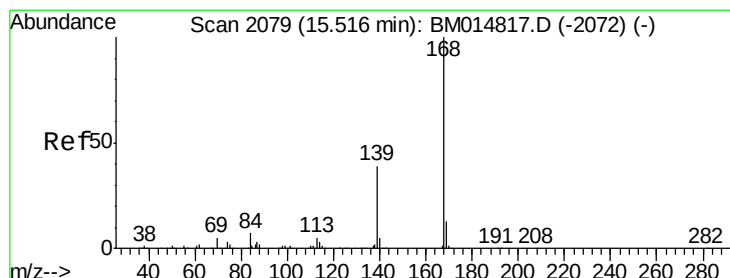
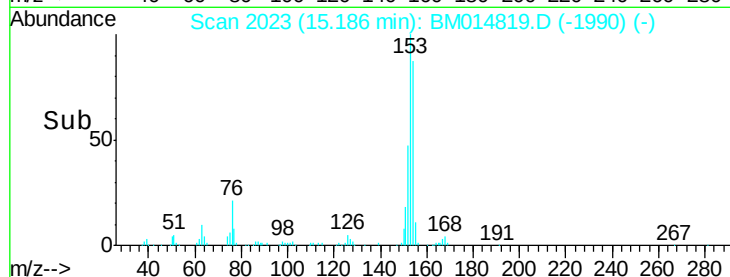
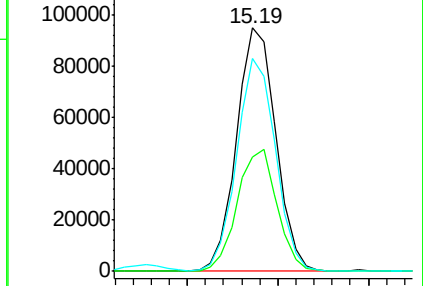
154 87.3 70.4 105.6



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#53

Dibenzofuran

Concen: 2.157 ng/ul

RT: 15.52 min Scan# 2079

Delta R.T. -0.00 min

Lab File: BM014819.D

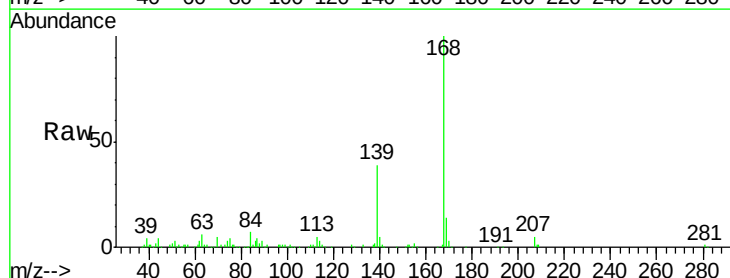
Acq: 24 Apr 2018 20:50

Tgt Ion:168 Resp: 205517

Ion Ratio Lower Upper

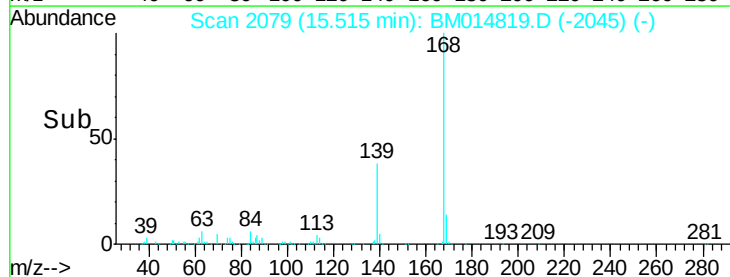
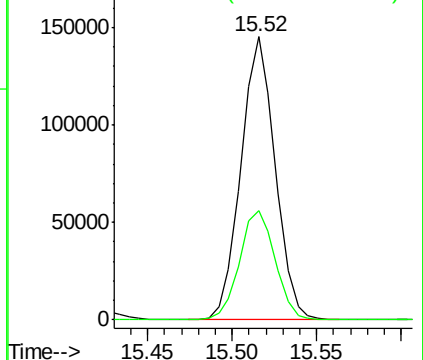
168 100

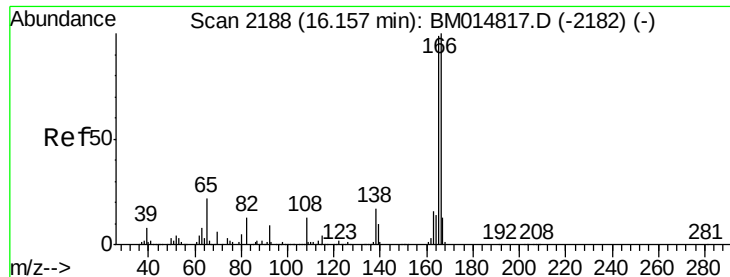
139 38.6 30.8 46.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#58

Fluorene

Concen: 3.759 ng/ul

RT: 16.16 min Scan# 2188

Delta R.T. -0.00 min

Lab File: BM014819.D

Acq: 24 Apr 2018 20:50

Instrument :

BNA_M

ClientSampleId :

DASPODL

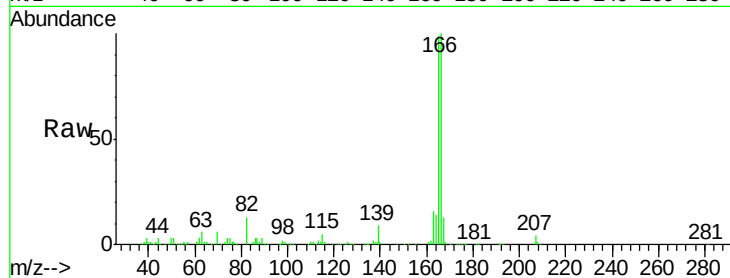
Tot Ion:166 Resp: 289175

Ion Ratio Lower Upper

166 100

165 98.9 77.9 116.9

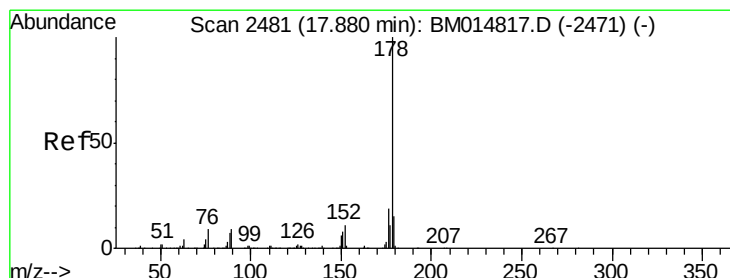
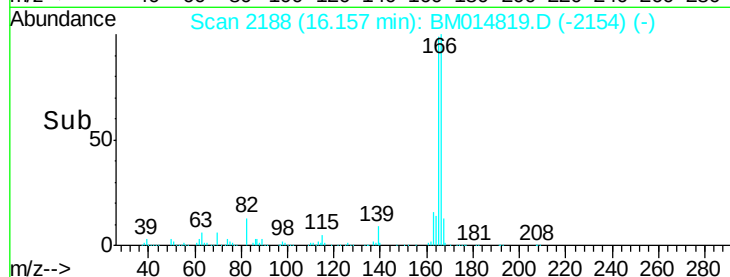
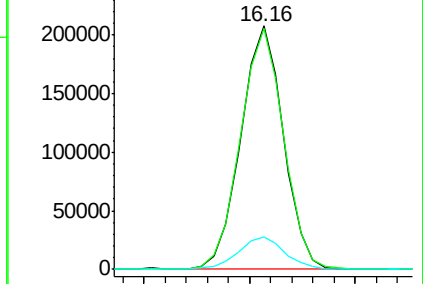
167 13.2 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#69

Phenanthrene

Concen: 15.532 ng/ul

RT: 17.88 min Scan# 2481

Delta R.T. -0.00 min

Lab File: BM014819.D

Acq: 24 Apr 2018 20:50

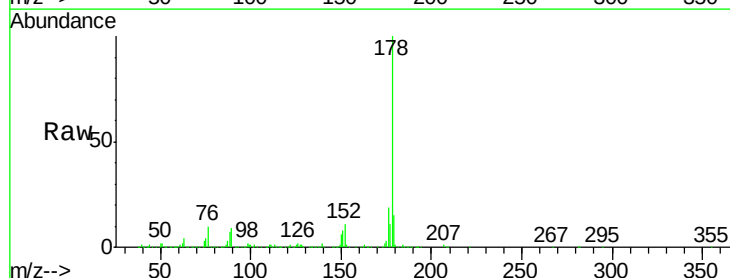
Tgt Ion:178 Resp: 1942421

Ion Ratio Lower Upper

178 100

179 15.3 12.6 19.0

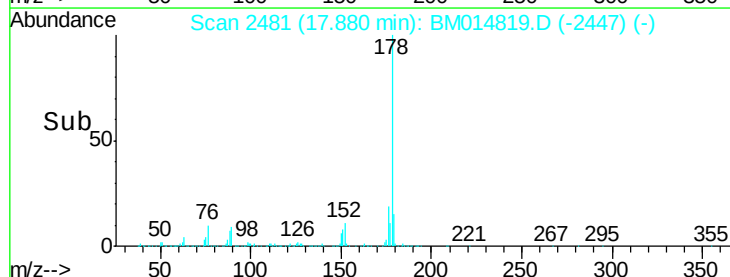
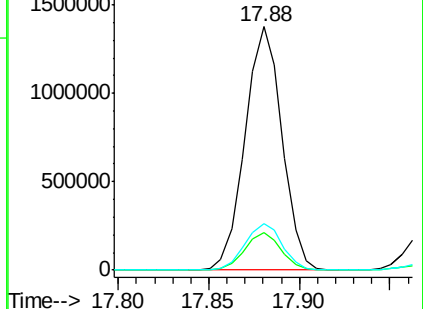
176 19.0 14.9 22.3

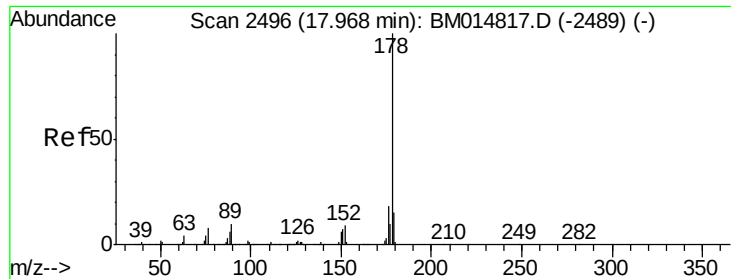


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

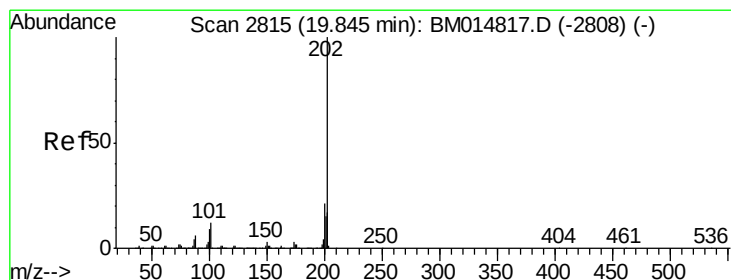
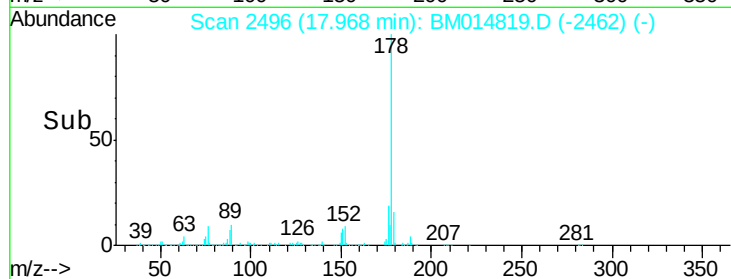
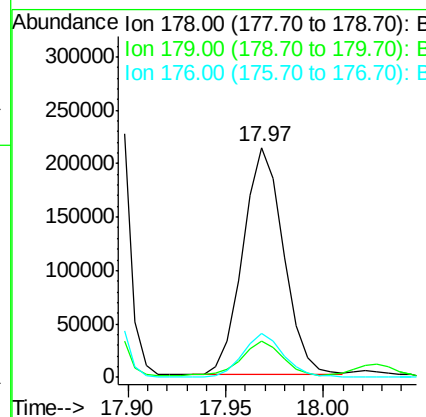
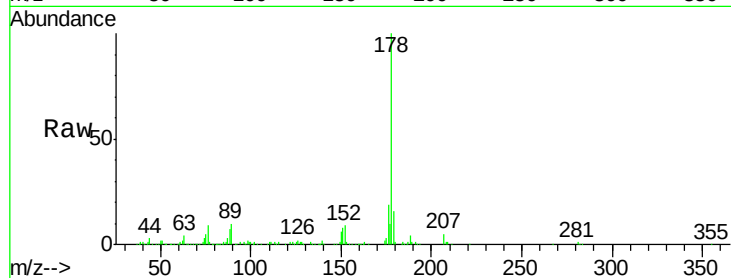




#71
 Anthracene
 Concen: 2.431 ng/ul
 RT: 17.97 min Scan# 2496
 Delta R.T. -0.00 min
 Lab File: BM014819.D
 Acq: 24 Apr 2018 20:50

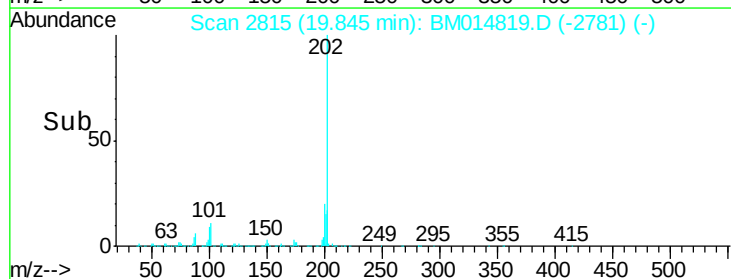
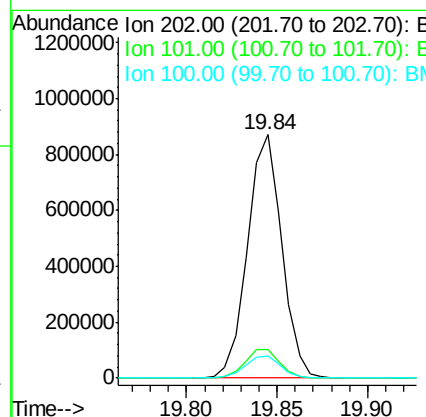
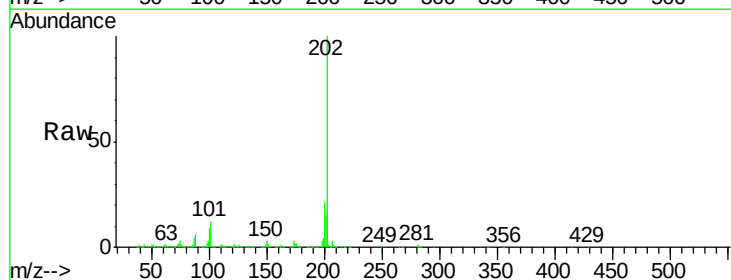
Instrument :
 BNA_M
 ClientSampleId :
 DASPOL

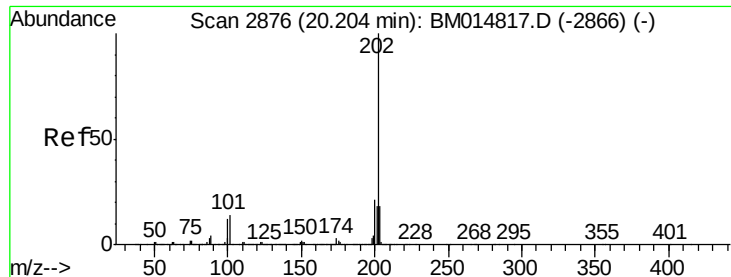
Tot Ion:178 Resp: 308594
 Ion Ratio Lower Upper
 178 100
 179 15.6 11.7 17.5
 176 19.1 14.6 21.8



#74
 Fluoranthene
 Concen: 8.368 ng/ul
 RT: 19.84 min Scan# 2815
 Delta R.T. -0.00 min
 Lab File: BM014819.D
 Acq: 24 Apr 2018 20:50

Tgt Ion:202 Resp: 1140987
 Ion Ratio Lower Upper
 202 100
 101 11.5 4.6 7.0#
 100 9.1 3.4 5.2#





#77

Pvrene

Concen: 5.464 ng/ul

RT: 20.20 min Scan# 2875

Delta R.T. -0.01 min

Lab File: BM014819.D

Acq: 24 Apr 2018 20:50

Instrument :

BNA_M

ClientSampleId :

DASPODL

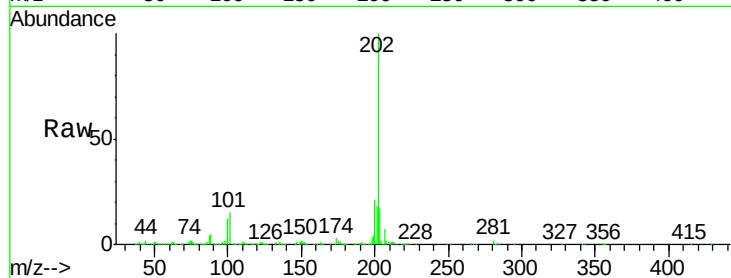
Tot Ion:202 Resp: 822188

Ion Ratio Lower Upper

202 100

101 14.6 5.1 7.7#

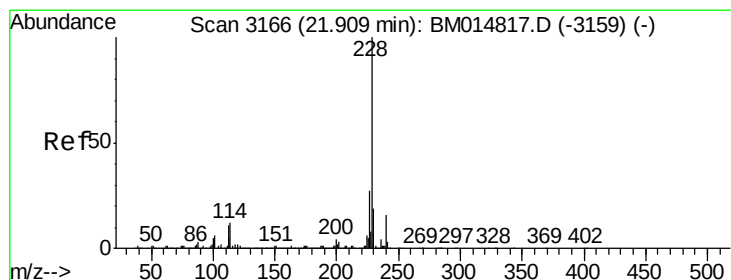
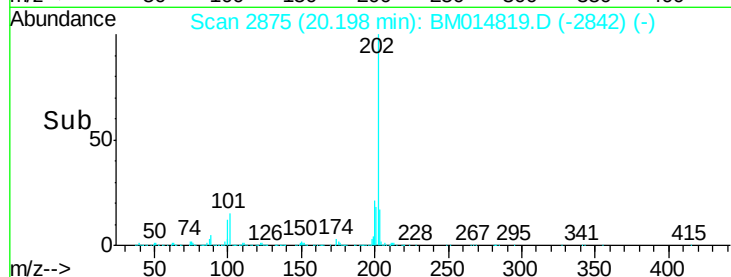
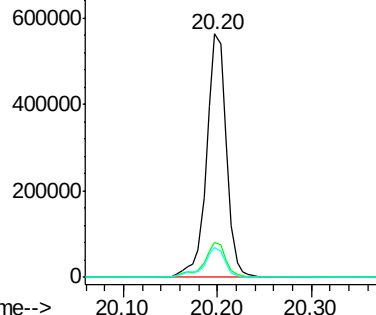
100 12.1 4.9 7.3#



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

Benzo(a)anthracene

Concen: 1.792 ng/ul

RT: 21.91 min Scan# 3166

Delta R.T. -0.00 min

Lab File: BM014819.D

Acq: 24 Apr 2018 20:50

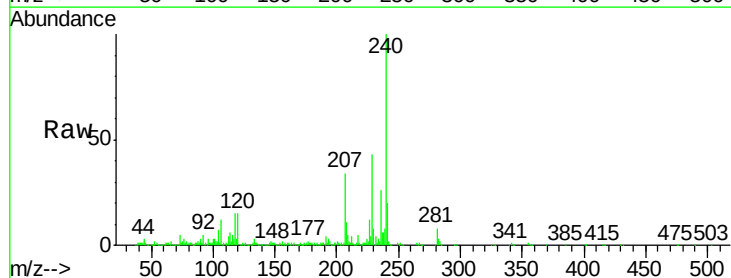
Tgt Ion:228 Resp: 269878

Ion Ratio Lower Upper

228 100

229 19.6 15.4 23.0

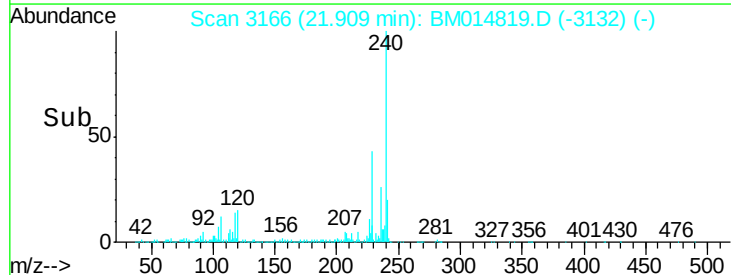
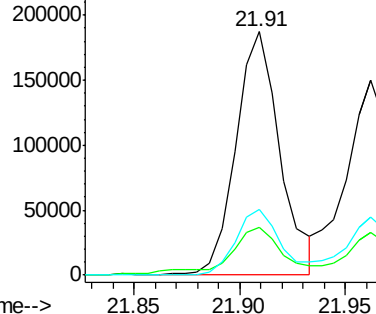
226 27.1 21.4 32.0

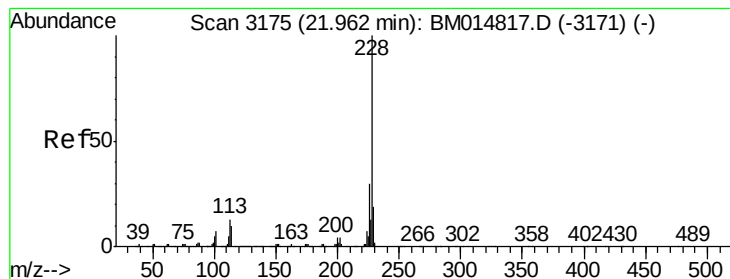


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 1.584 ng/ul

RT: 21.96 min Scan# 3175

Delta R.T. -0.00 min

Lab File: BM014819.D

Acq: 24 Apr 2018 20:50

Instrument :

BNA_M

ClientSampleId :

DASPODL

Tot Ion:228 Resp: 223321

Ion Ratio Lower Upper

228 100

226 30.0 23.4 35.2

229 21.6 15.5 23.3

