

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082819\
 Data File : BM022381.D
 Acq On : 28 Aug 2019 10:32
 Operator : HP/JU
 Sample : K4414-04DL 5X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ETJQ8DL

Quant Time: Aug 28 11:33:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 24 05:49:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	19505	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.31	136	89250	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.20	164	64260	20.00	ng/ul	-0.01
61) Phenanthrene-d10	16.96	188	151092	20.00	ng/ul	-0.01
77) Chrysene-d12	21.18	240	141571	20.00	ng/ul	0.00
85) Perylene-d12	23.37	264	142943	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.76	99	598	0.36	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.91	67	5086	5.19	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	6300	4.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	3006	2.06	ng/ul	0.01
19) Nitrobenzene-d5	8.73	128	3216	4.83	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	3518	4.54	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	6819	4.32	ng/ul	0.03
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
43) Dimethylphthalate-d6	13.63	166	34759	6.14	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	36080	5.92	ng/ul	-0.01
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.21	176	30257	6.45	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	1317	1.13	ng/ul	0.04
70) Anthracene-d10	17.07	188	49948	6.24	ng/ul	0.00
78) Pyrene-d10	19.37	212	64565	8.78	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.23	264	51204	6.52	ng/ul	0.00

Target Compounds

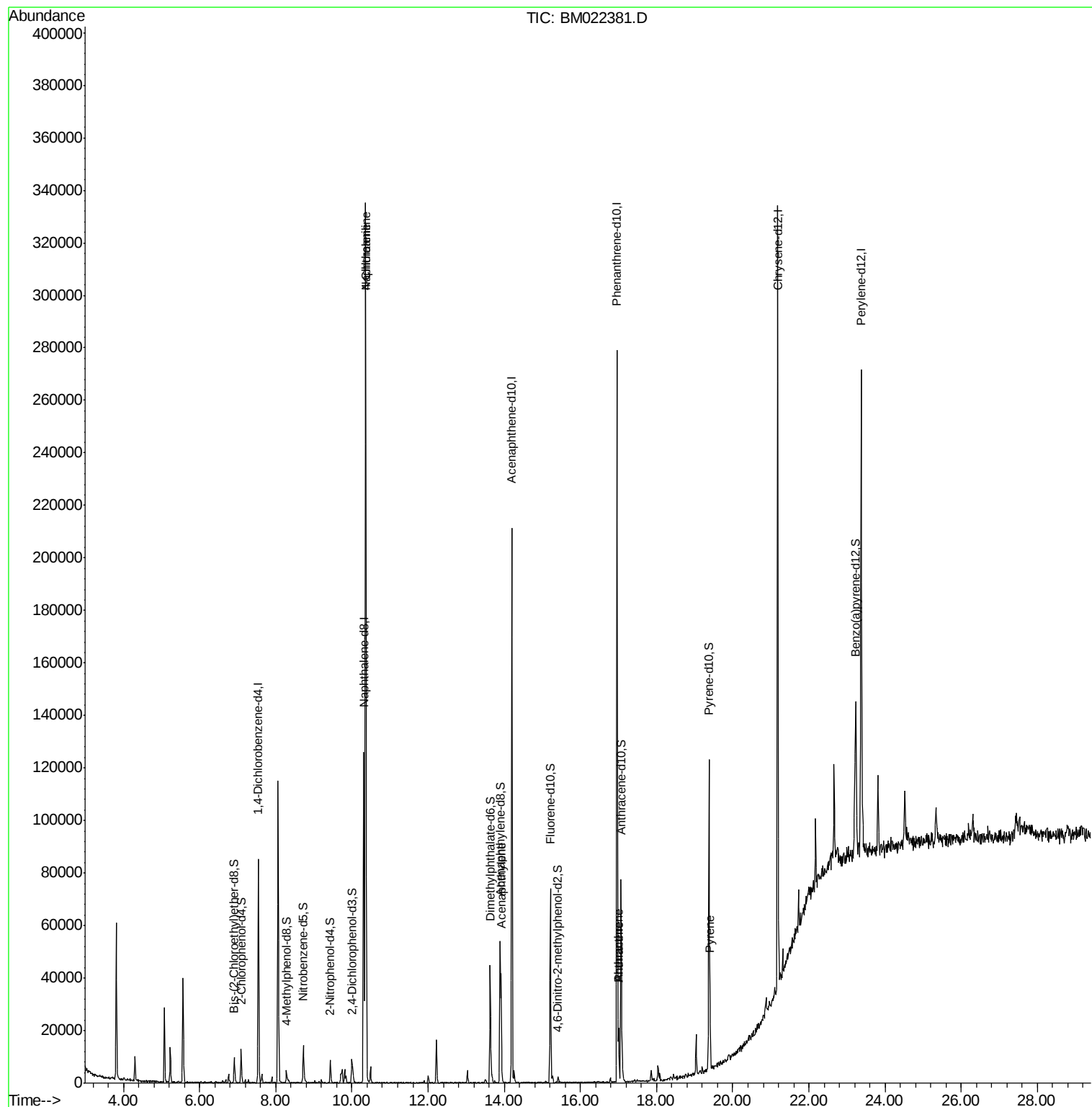
					Ovalue	
28) Naphthalene	10.36	128	244101	49.560	ng/ul	100
30) 4-Chloroaniline	10.36	127	31889	15.976	ng/ul#	4
47) Acenaphthylene	13.92	152	27396	4.334	ng/ul	98
69) Phenanthrene	17.00	178	11797	1.305	ng/ul	97
71) Anthracene	17.00	178	11797	1.254	ng/ul	98
79) Pyrene	19.40	202	16875	1.842	ng/ul#	93

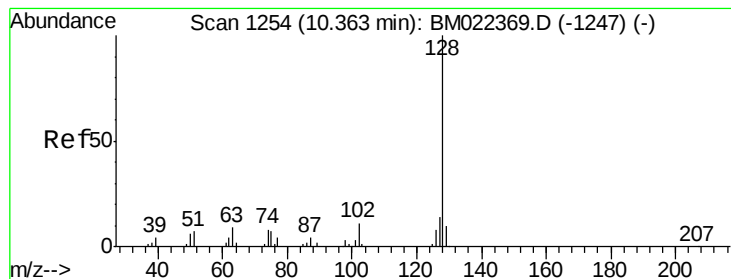
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#28

Naphthalene

Concen: 49.560 ng/ul

RT: 10.36 min Scan# 1254

Delta R.T. -0.02 min

Lab File: BM022381.D

Acq: 28 Aug 2019 10:32

Instrument :

BNA_M

ClientSampleId :

ETJQ8DL

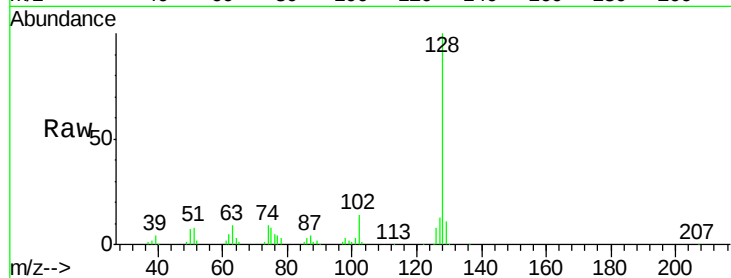
Tot Ion:128 Resp: 244101

Ion Ratio Lower Upper

128 100

129 10.6 8.6 13.0

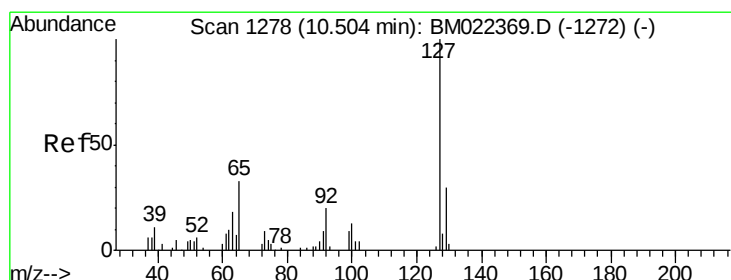
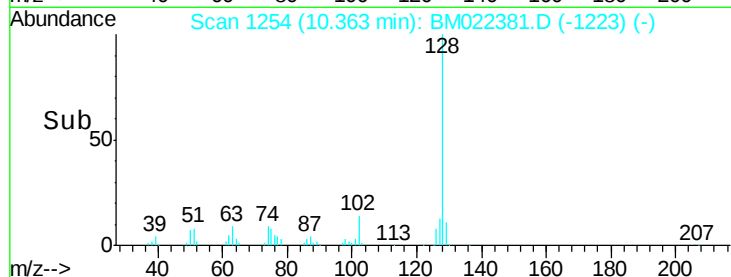
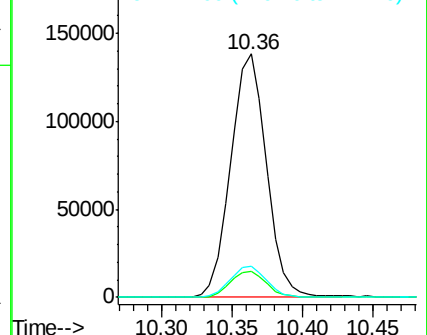
127 12.9 10.4 15.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#30

4-Chloroaniline

Concen: 15.976 ng/ul

RT: 10.36 min Scan# 1254

Delta R.T. -0.16 min

Lab File: BM022381.D

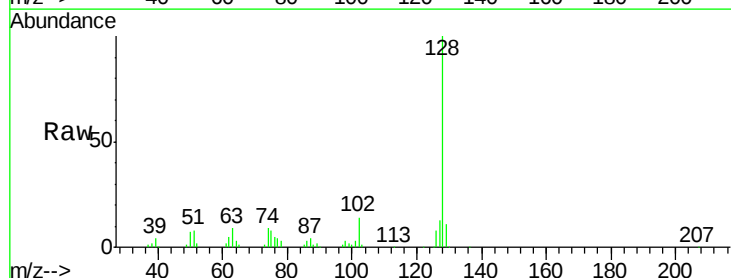
Acq: 28 Aug 2019 10:32

Tgt Ion:127 Resp: 31889

Ion Ratio Lower Upper

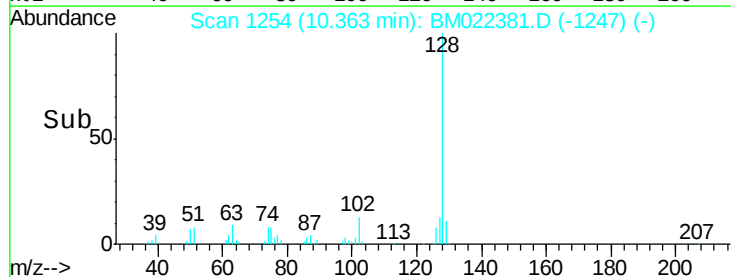
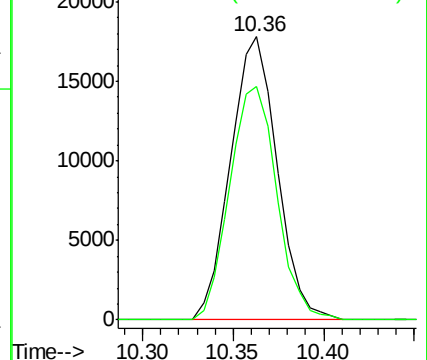
127 100

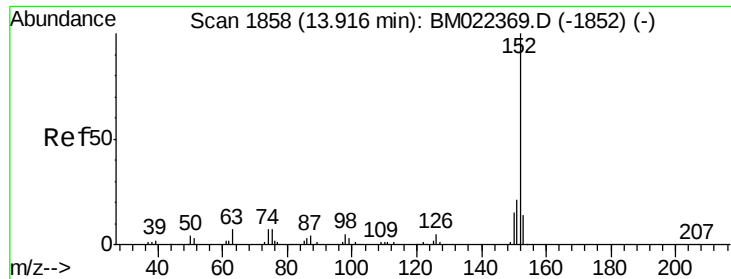
129 82.6 24.2 36.4#



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E





#47

Acenaphthylene

Concen: 4.334 ng/ul

RT: 13.92 min Scan# 1858

Delta R.T. -0.02 min

Lab File: BM022381.D

Acq: 28 Aug 2019 10:32

Instrument :

BNA_M

ClientSampleId :

ETJQ8DL

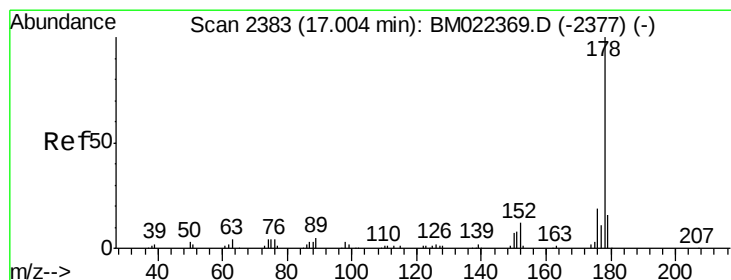
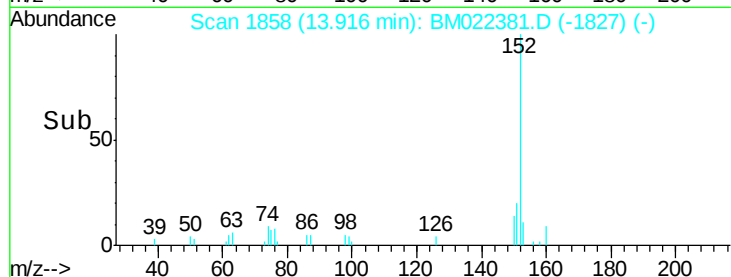
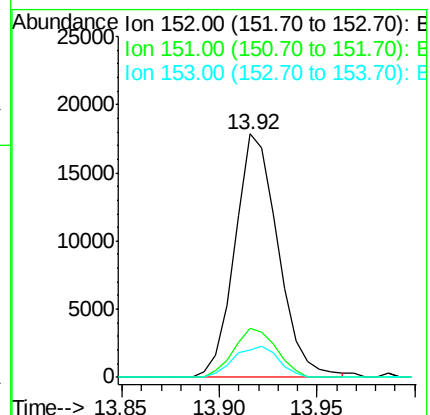
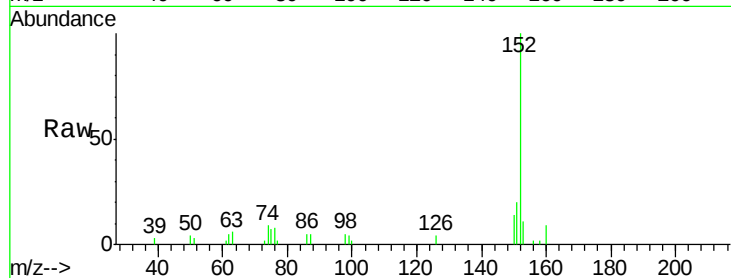
Tot Ion:152 Resp: 27396

Ion Ratio Lower Upper

152 100

151 19.9 16.0 24.0

153 11.0 10.4 15.6



#69

Phenanthrene

Concen: 1.305 ng/ul

RT: 17.00 min Scan# 2383

Delta R.T. -0.01 min

Lab File: BM022381.D

Acq: 28 Aug 2019 10:32

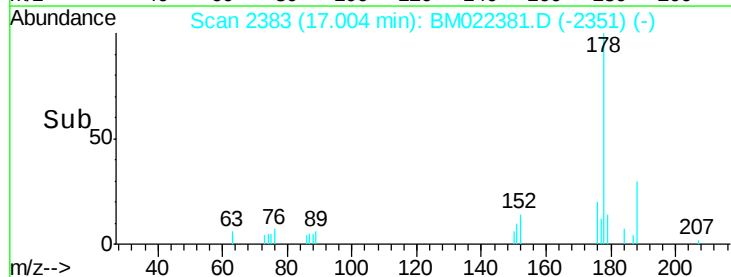
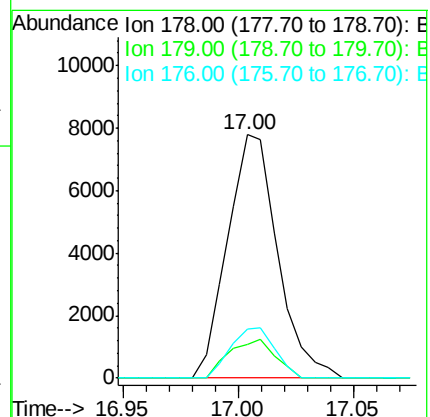
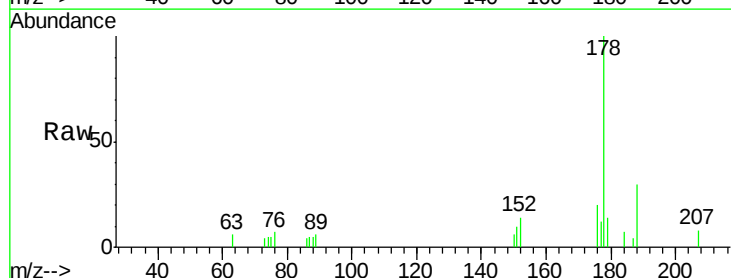
Tgt Ion:178 Resp: 11797

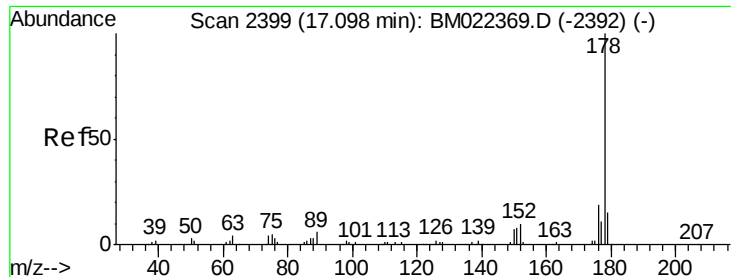
Ion Ratio Lower Upper

178 100

179 14.0 12.4 18.6

176 20.2 15.4 23.0

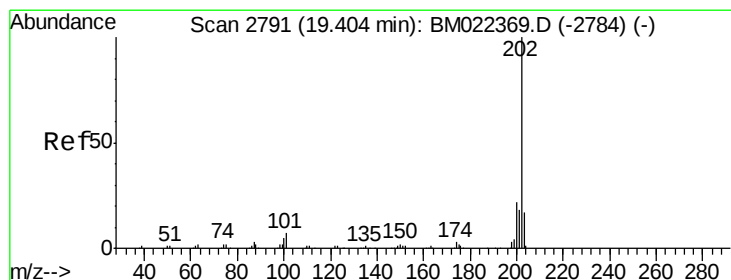
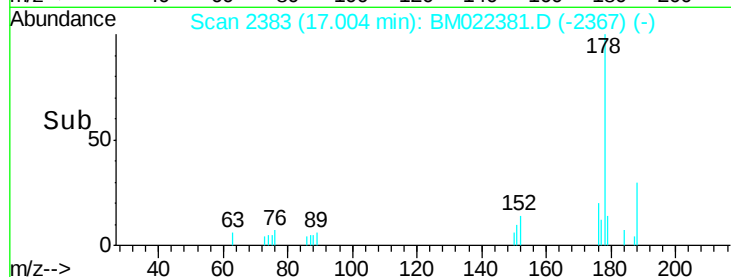
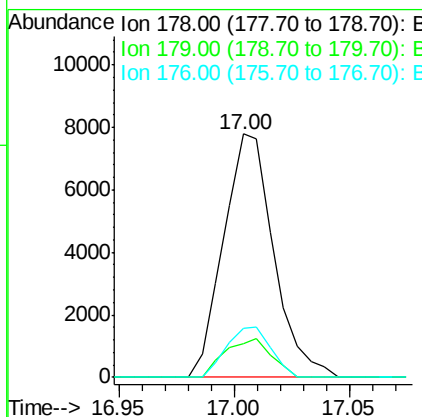
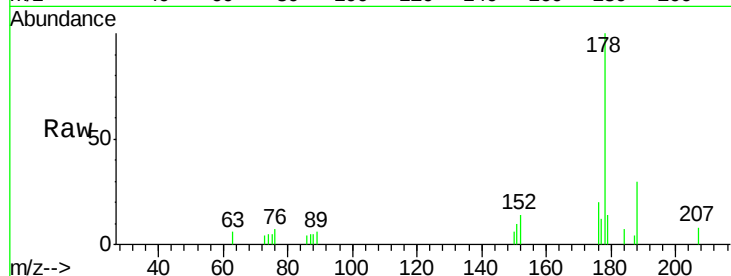




#71
 Anthracene
 Concen: 1.254 ng/ul
 RT: 17.00 min Scan# 2383
 Delta R.T. -0.11 min
 Lab File: BM022381.D
 Acq: 28 Aug 2019 10:32

Instrument :
 BNA_M
 ClientSampleId :
 ETJQ8DL

Tot Ion:178 Resp: 11797
 Ion Ratio Lower Upper
 178 100
 179 14.0 12.3 18.5
 176 20.2 15.5 23.3



#79
 Pyrene
 Concen: 1.842 ng/ul
 RT: 19.40 min Scan# 2791
 Delta R.T. -0.01 min
 Lab File: BM022381.D
 Acq: 28 Aug 2019 10:32

Tgt Ion:202 Resp: 16875
 Ion Ratio Lower Upper
 202 100
 101 5.8 7.0 10.4#
 100 9.2 5.8 8.8#

