

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062916\
 Data File : BM006132.D
 Acq On : 29 Jun 2016 19:15
 Operator : UM/SJ
 Sample : H3779-20
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9YE9

Quant Time: Jun 30 03:43:11 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jun 29 00:57:09 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	208141	20.00	ng/ul	0.00
7) Naphthalene-d8	10.43	136	1015707	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.30	164	635057	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.05	188	1498051	20.00	ng/ul	0.00
29) Chrysene-d12	21.24	240	1798882	20.00	ng/ul	0.00
34) Perylene-d12	23.46	264	1696566	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) 1,4-Dioxane-d8	3.17	96	5351	1.19	ng/uL	0.00
3) Phenol-d5	6.82	99	272998	16.05	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.99	67	174489	17.40	ng/ul	0.00
5) 2-Chlorophenol-d4	7.18	132	207829	15.92	ng/ul	0.00
6) 4-Methylphenol-d8	8.35	113	217617	15.90	ng/ul	-0.01
8) Nitrobenzene-d5	8.80	128	111286	16.27	ng/ul	0.00
9) 2-Nitrophenol-d4	9.52	143	119627	15.28	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.06	165	224827	15.74	ng/ul	0.00
12) 4-Chloroaniline-d4	10.57	131	275032	24.36	ng/ul	0.00
16) Dimethylphthalate-d6	13.71	166	759357	16.68	ng/ul	0.00
17) Acenaphthylene-d8	13.99	160	940435	17.02	ng/ul	0.00
20) 4-Nitrophenol-d4	14.50	143	120711	13.98	ng/ul	0.00
21) Fluorene-d10	15.30	176	670412	17.26	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.42	200	95136	17.93	ng/ul	0.00
26) Anthracene-d10	17.14	188	1048201	17.44	ng/ul	0.00
30) Pyrene-d10	19.44	212	1228837	16.96	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.31	264	1142321	16.92	ng/ul	0.00

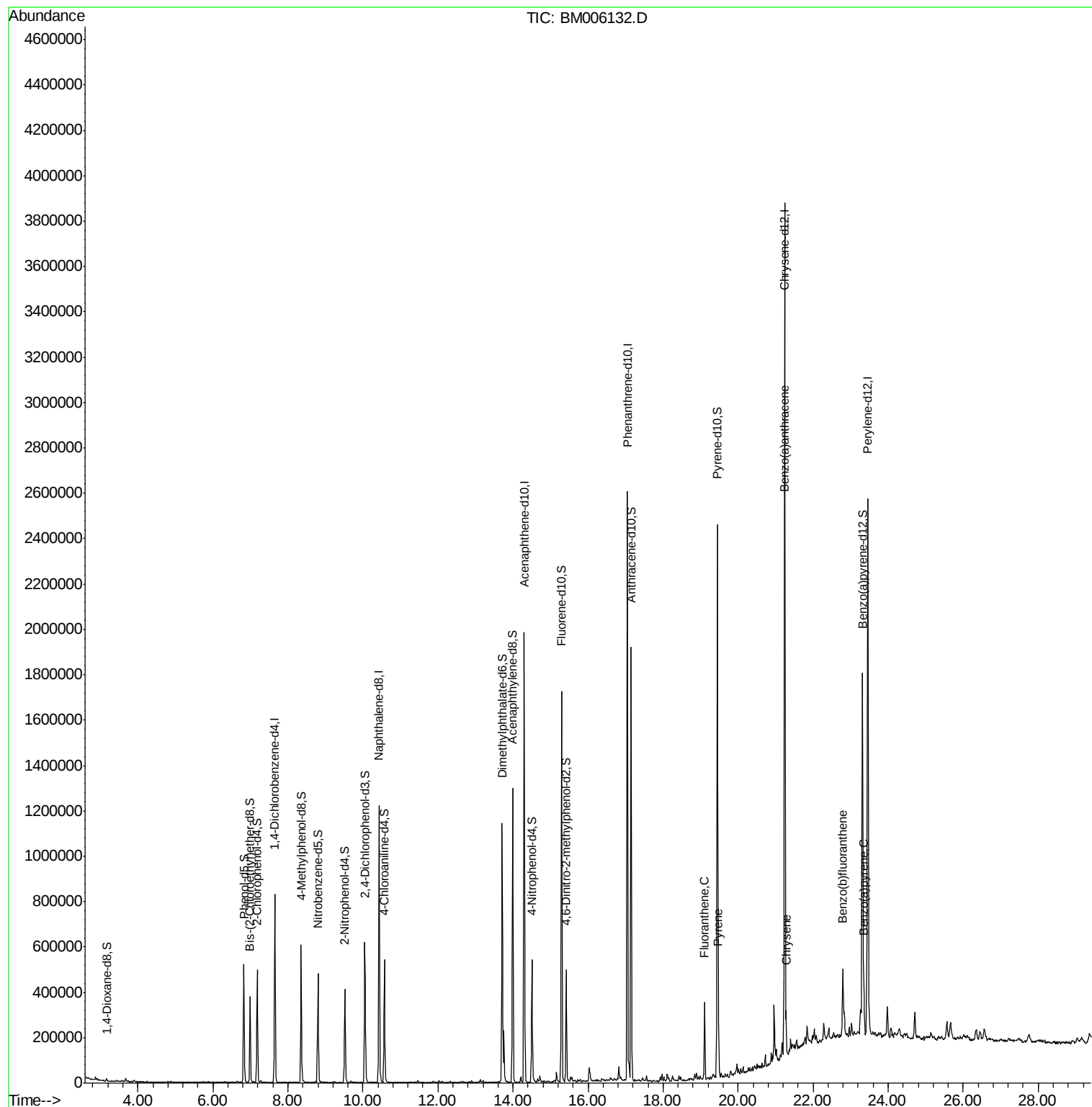
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
28) Fluoranthene	19.11	202	192338	2.22	ng/ul	99
31) Pyrene	19.47	202	162508	1.71	ng/ul	98
32) Benzo(a)anthracene	21.23	228	98257	1.05	ng/ul	97
33) Chrysene	21.28	228	119940	1.39	ng/ul	98
35) Benzo(b)fluoranthene	22.79	252	172152	1.96	ng/ul	98
38) Benzo(a)pyrene	23.36	252	100767	1.21	ng/ul	98

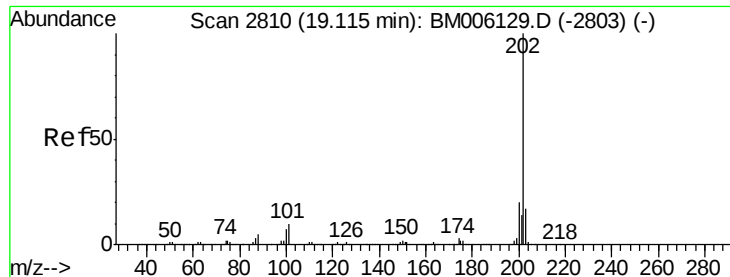
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#28

Fluoranthene

Concen: 2.22 ng/ul

RT: 19.11 min Scan# 2809

Delta R.T. -0.01 min

Lab File: BM006132.D

Acq: 29 Jun 2016 19:15

Instrument :

BNA_M

ClientSampleId :

D9YE9

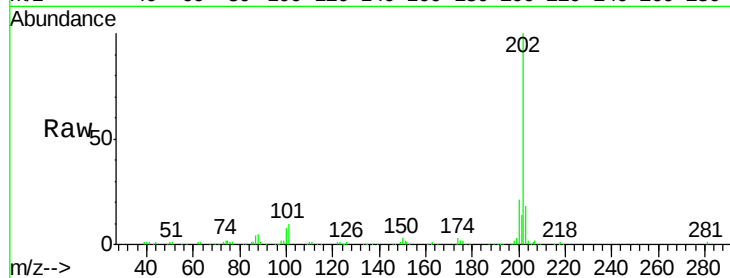
Tgt Ion:202 Resp: 192338

Ion Ratio Lower Upper

202 100

101 10.0 8.5 12.7

100 8.0 6.5 9.7



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

150000

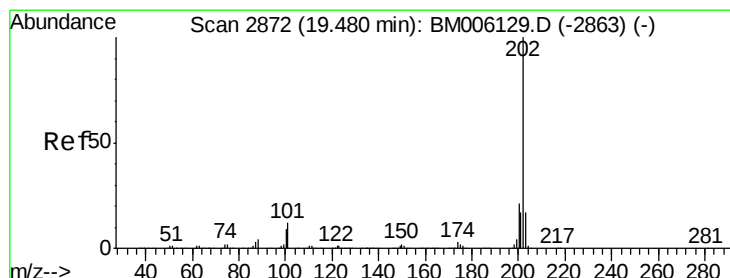
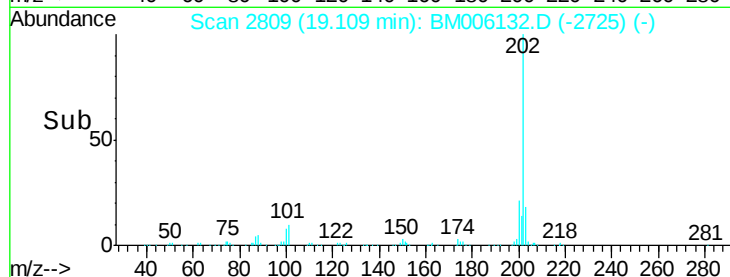
100000

50000

0

19.05 19.10 19.15

Time-->



#31

Pyrene

Concen: 1.71 ng/ul

RT: 19.47 min Scan# 2871

Delta R.T. -0.01 min

Lab File: BM006132.D

Acq: 29 Jun 2016 19:15

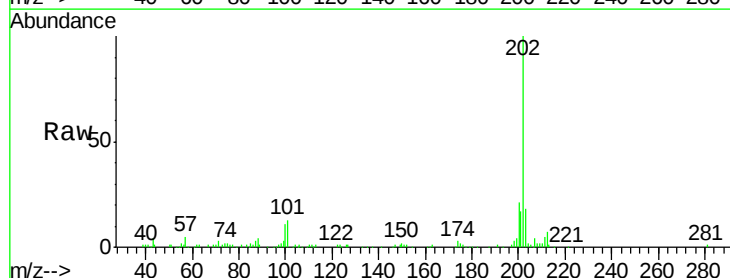
Tgt Ion:202 Resp: 162508

Ion Ratio Lower Upper

202 100

101 12.5 11.0 16.4

100 11.0 8.9 13.3



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

150000

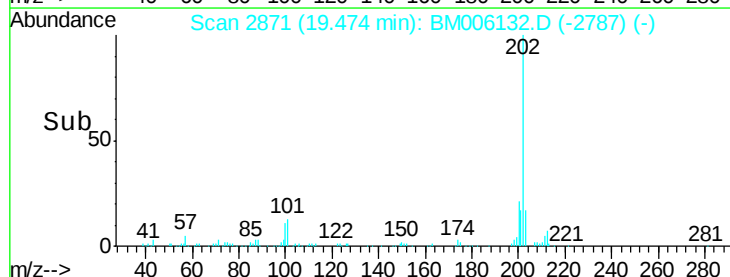
100000

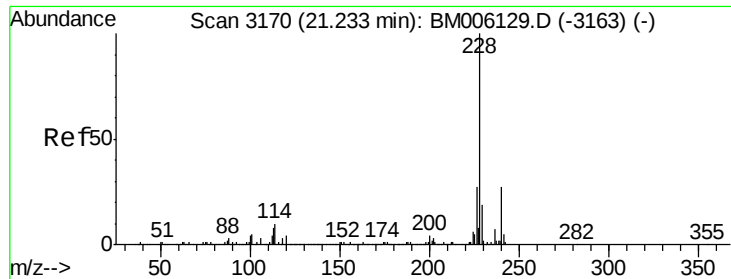
50000

0

19.40 19.45 19.50

Time-->





#32

Benzo(a)anthracene

Concen: 1.05 ng/ul

RT: 21.23 min Scan# 3169

Delta R.T. -0.01 min

Lab File: BM006132.D

Acq: 29 Jun 2016 19:15

Instrument :

BNA_M

ClientSampleId :

D9YE9

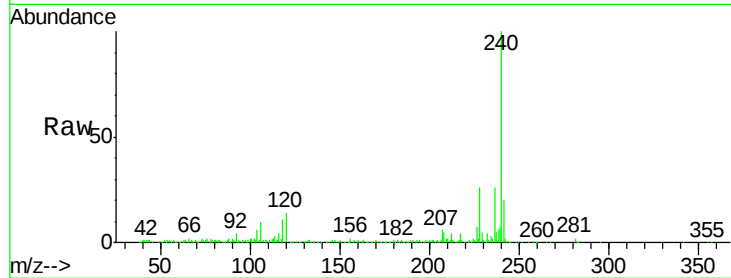
Tgt Ion:228 Resp: 98257

Ion Ratio Lower Upper

228 100

229 20.9 15.6 23.4

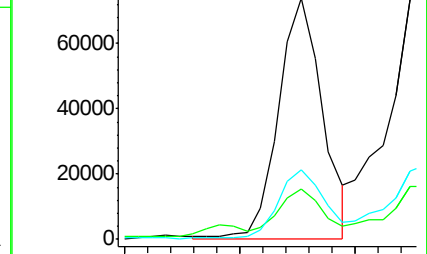
226 28.9 21.6 32.4



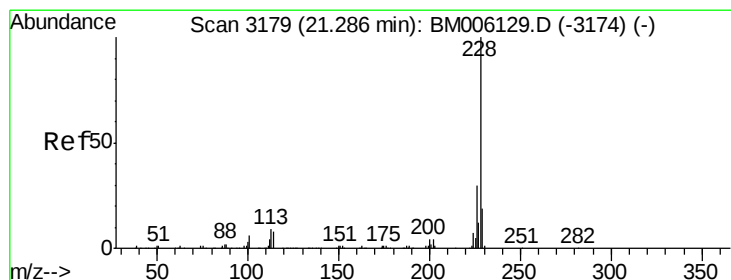
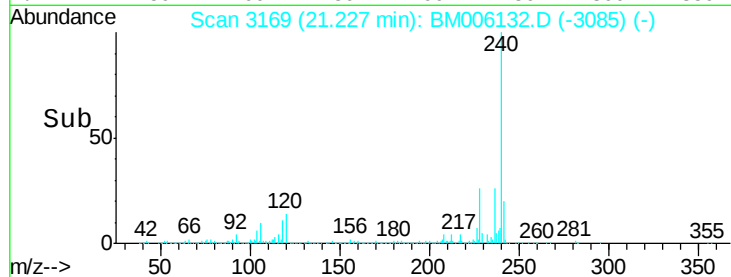
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



Time--> 21.15 21.20 21.25



#33

Chrysene

Concen: 1.39 ng/ul

RT: 21.28 min Scan# 3178

Delta R.T. -0.01 min

Lab File: BM006132.D

Acq: 29 Jun 2016 19:15

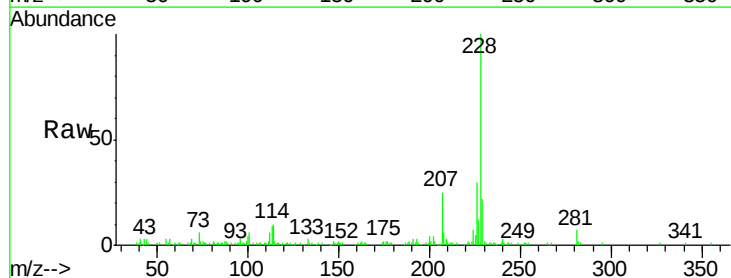
Tgt Ion:228 Resp: 119940

Ion Ratio Lower Upper

228 100

226 29.5 23.8 35.6

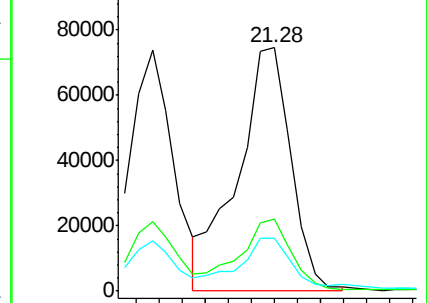
229 21.7 15.8 23.6



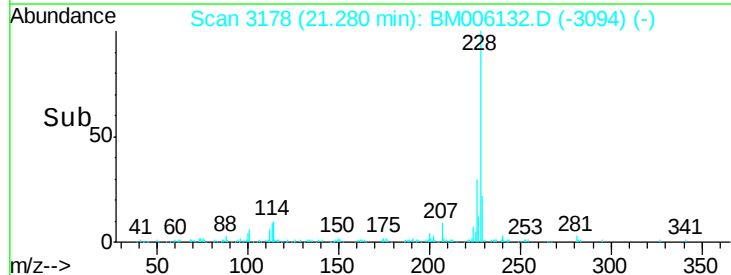
Abundance Ion 228.00 (227.70 to 228.70): E

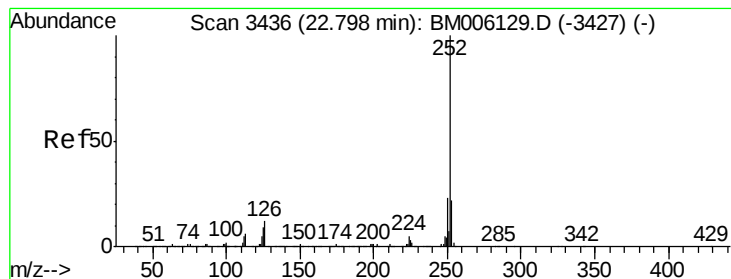
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time--> 21.25 21.30





#35

Benzo(b)fluoranthene

Concen: 1.96 ng/ul

RT: 22.79 min Scan# 3435

Delta R.T. -0.01 min

Lab File: BM006132.D

Acq: 29 Jun 2016 19:15

Instrument :

BNA_M

ClientSampleId :

D9YE9

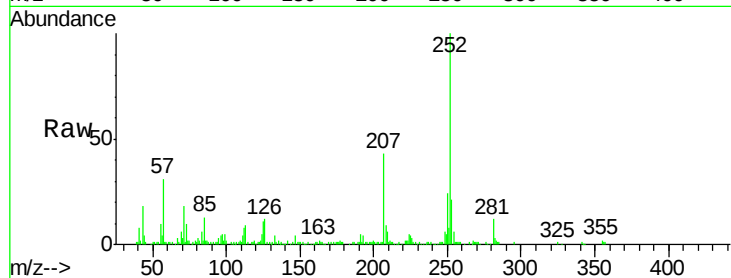
Tgt Ion:252 Resp: 172152

Ion Ratio Lower Upper

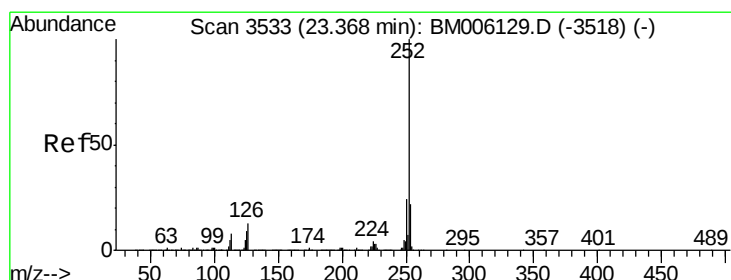
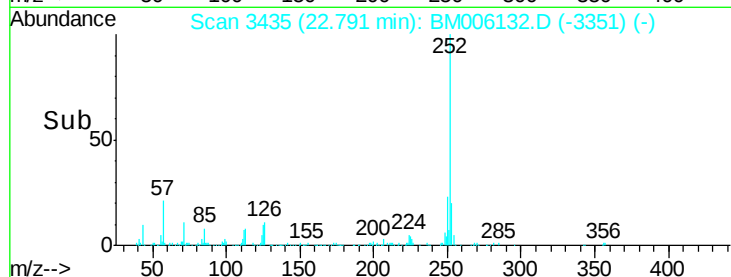
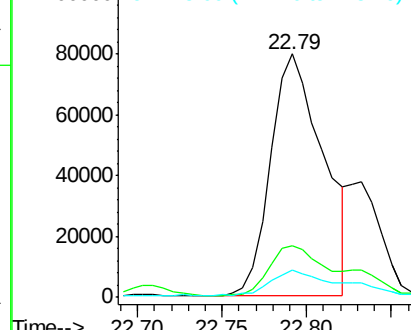
252 100

253 21.2 17.2 25.8

125 11.1 7.8 11.6



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



#38

Benzo(a)pyrene

Concen: 1.21 ng/ul

RT: 23.36 min Scan# 3531

Delta R.T. -0.01 min

Lab File: BM006132.D

Acq: 29 Jun 2016 19:15

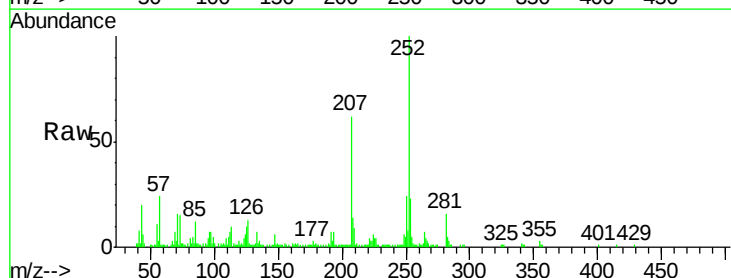
Tgt Ion:252 Resp: 100767

Ion Ratio Lower Upper

252 100

253 22.9 17.8 26.6

125 9.9 8.7 13.1



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

