

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062916\
 Data File : BM006138.D
 Acq On : 29 Jun 2016 22:51
 Operator : UM/SJ
 Sample : H3779-22
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9YF1

Quant Time: Jun 30 04:01:35 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	255153	20.00	ng/ul	0.00
7) Naphthalene-d8	10.43	136	1208977	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.30	164	734006	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.05	188	1654974	20.00	ng/ul	0.00
29) Chrysene-d12	21.24	240	1539402	20.00	ng/ul	0.00
34) Perylene-d12	23.46	264	1219453	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.16	96	7657	1.39	ng/uL	0.00
3) Phenol-d5	6.82	99	382797	18.36	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.99	67	248685	20.23	ng/ul	0.00
5) 2-Chlorophenol-d4	7.18	132	293307	18.33	ng/ul	0.00
6) 4-Methylphenol-d8	8.35	113	273151	16.28	ng/ul	-0.01
8) Nitrobenzene-d5	8.80	128	160847	19.75	ng/ul	0.00
9) 2-Nitrophenol-d4	9.52	143	174349	18.71	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.06	165	315110	18.53	ng/ul	0.00
12) 4-Chloroaniline-d4	10.57	131	330989	24.63	ng/ul	0.00
16) Dimethylphthalate-d6	13.71	166	1058995	20.13	ng/ul	0.00
17) Acenaphthylene-d8	13.99	160	1316113	20.61	ng/ul	0.00
20) 4-Nitrophenol-d4	14.50	143	173961	17.43	ng/ul	0.00
21) Fluorene-d10	15.30	176	916640	20.42	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.42	200	143492	24.48	ng/ul	0.00
26) Anthracene-d10	17.14	188	1385839	20.87	ng/ul	0.00
30) Pyrene-d10	19.45	212	1552899	25.05	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.32	264	1013530	20.89	ng/ul	0.00

Target Compounds

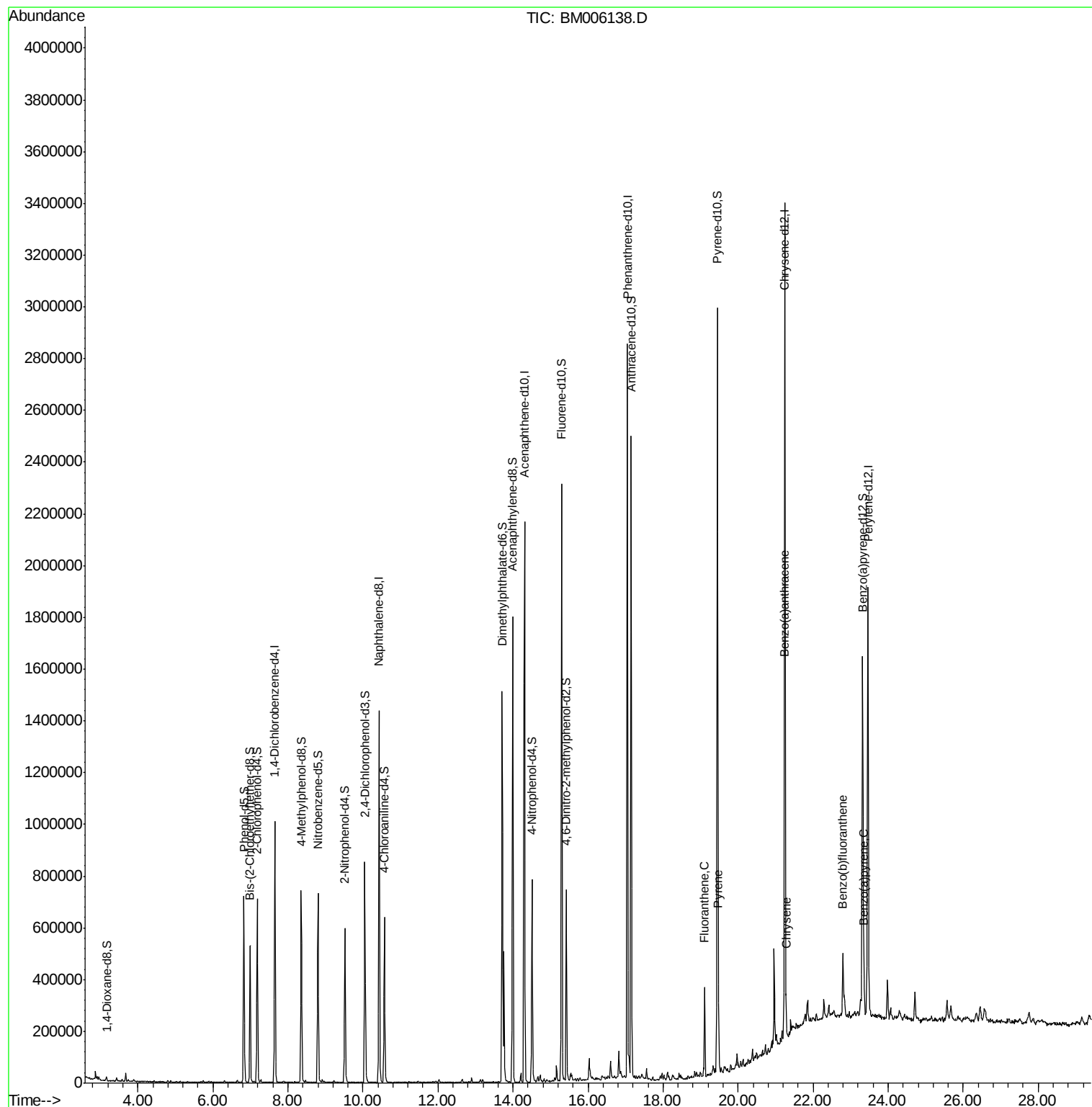
						Qvalue
28) Fluoranthene	19.11	202	203615	2.12	ng/ul	99
31) Pyrene	19.47	202	157740	1.94	ng/ul	98
32) Benzo(a)anthracene	21.23	228	84959	1.06	ng/ul	97
33) Chrysene	21.28	228	92722	1.26	ng/ul	97
35) Benzo(b)fluoranthene	22.80	252	106037	1.68	ng/ul#	94
38) Benzo(a)pyrene	23.36	252	63084	1.06	ng/ul#	96

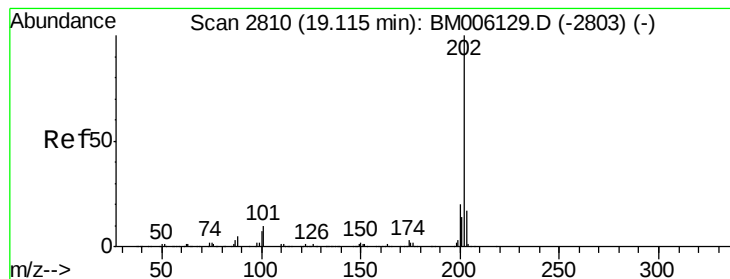
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#28

Fluoranthene

Concen: 2.12 ng/ul

RT: 19.11 min Scan# 2809

Delta R.T. -0.01 min

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Acq: 29 Jun 2016 22:51

Instrument :

BNA_M

ClientSampleId :

D9YF1

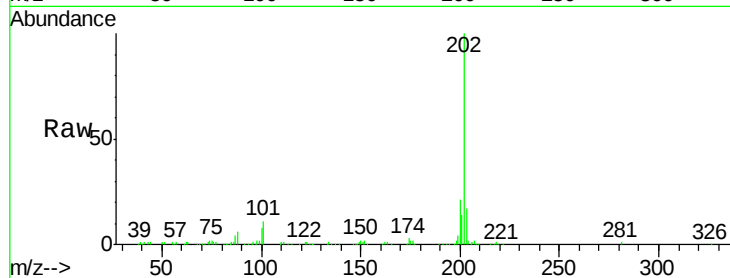
Tgt Ion:202 Resp: 203615

Ion Ratio Lower Upper

202 100

101 11.1 8.5 12.7

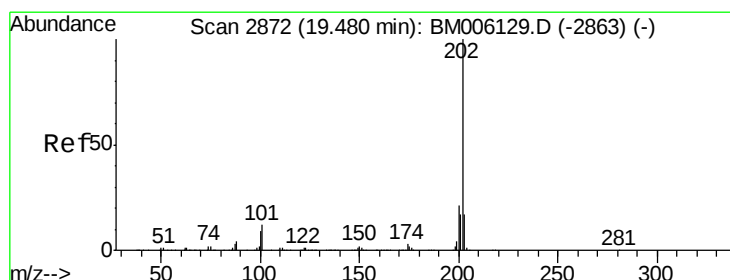
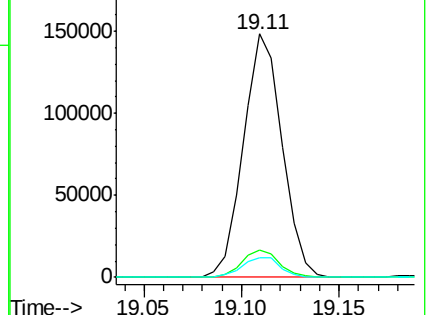
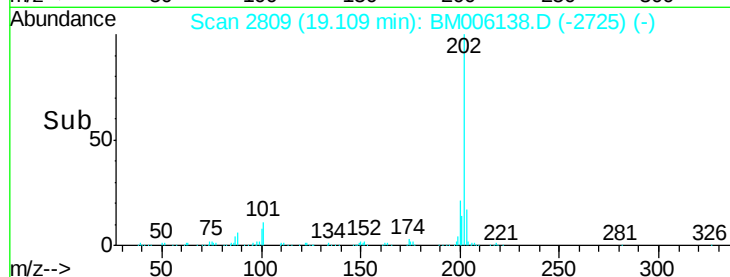
100 8.0 6.5 9.7



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



#31

Pyrene

Concen: 1.94 ng/ul

RT: 19.47 min Scan# 2871

Delta R.T. -0.01 min

Lab File: BM006138.D

Acq: 29 Jun 2016 22:51

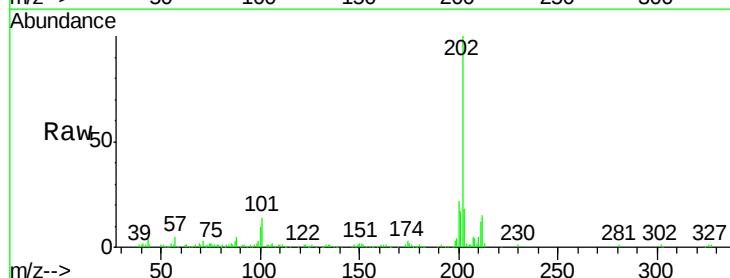
Tgt Ion:202 Resp: 157740

Ion Ratio Lower Upper

202 100

101 13.8 11.0 16.4

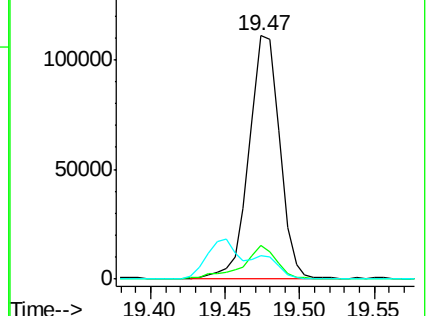
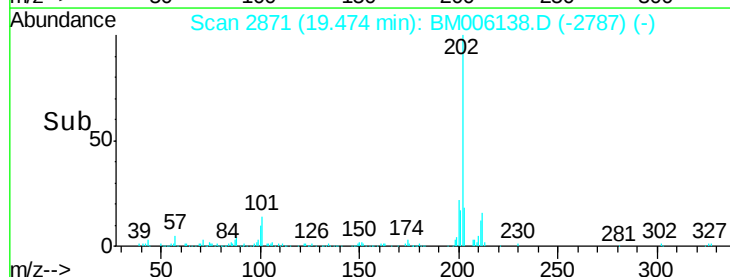
100 9.8 8.9 13.3

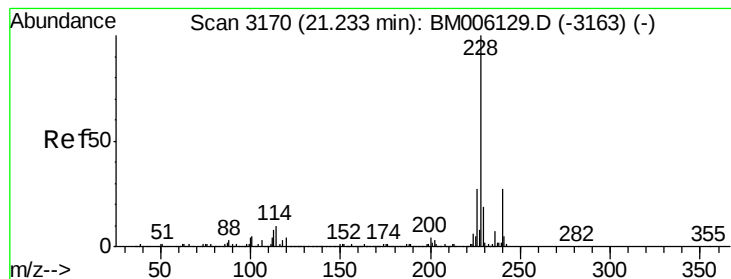


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#32

Benzo(a)anthracene

Concen: 1.06 ng/ul

RT: 21.23 min Scan# 3169

Delta R.T. -0.01 min

Lab File: BM006138.D

Acq: 29 Jun 2016 22:51

Instrument :

BNA_M

ClientSampleId :

D9YF1

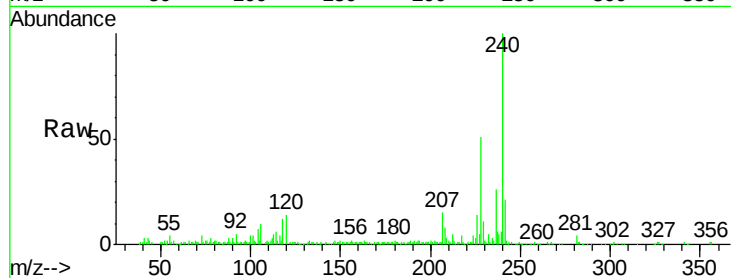
Tgt Ion:228 Resp: 84959

Ion Ratio Lower Upper

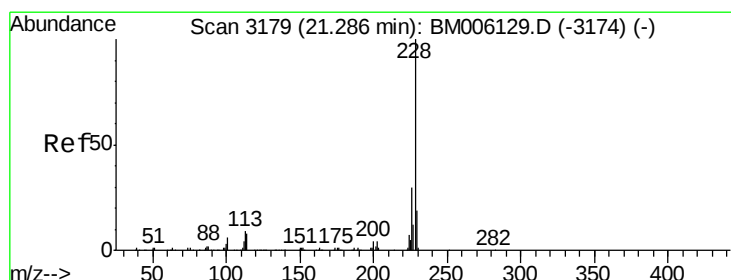
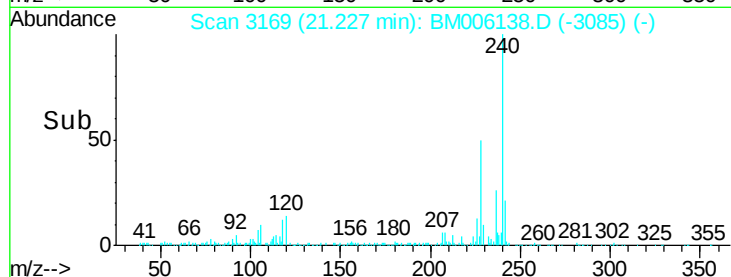
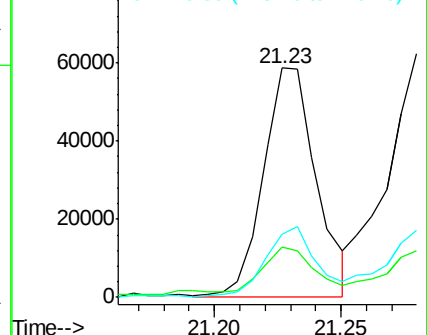
228 100

229 22.1 15.6 23.4

226 27.4 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



#33

Chrysene

Concen: 1.26 ng/ul

RT: 21.28 min Scan# 3178

Delta R.T. -0.01 min

Lab File: BM006138.D

Acq: 29 Jun 2016 22:51

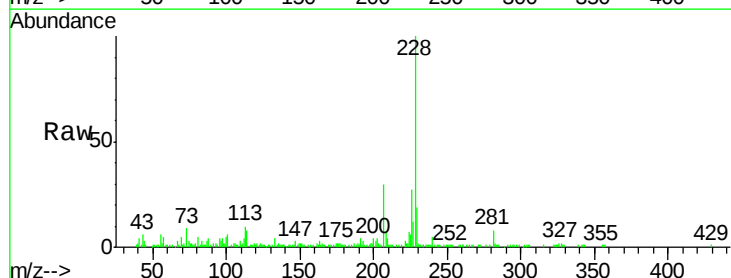
Tgt Ion:228 Resp: 92722

Ion Ratio Lower Upper

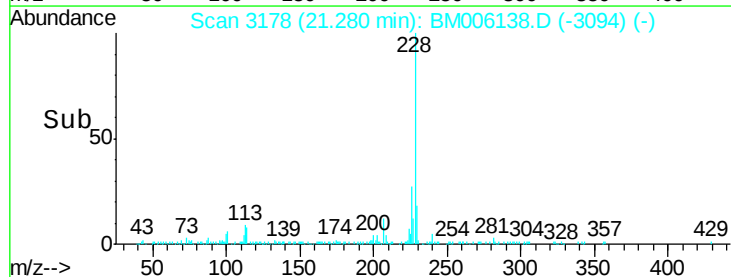
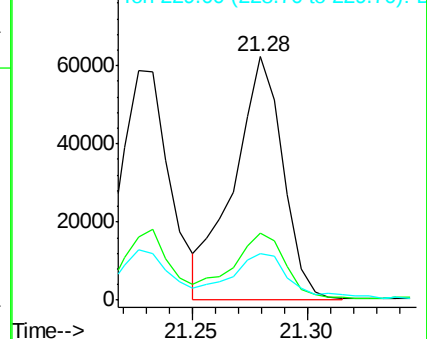
228 100

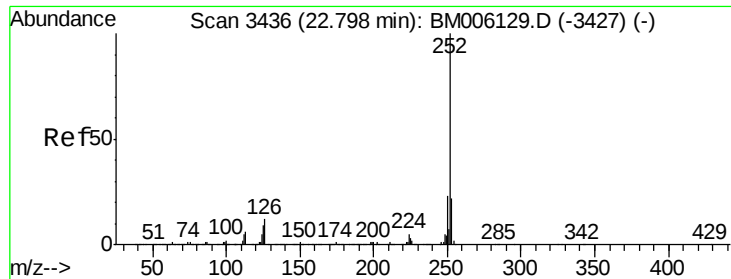
226 27.3 23.8 35.6

229 19.3 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





#35

Benzo(b)fluoranthene

Concen: 1.68 ng/ul

RT: 22.80 min Scan# 3436

Delta R.T. -0.00 min

Lab File: BM006138.D

Acq: 29 Jun 2016 22:51

Instrument :

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ClientSampleId :

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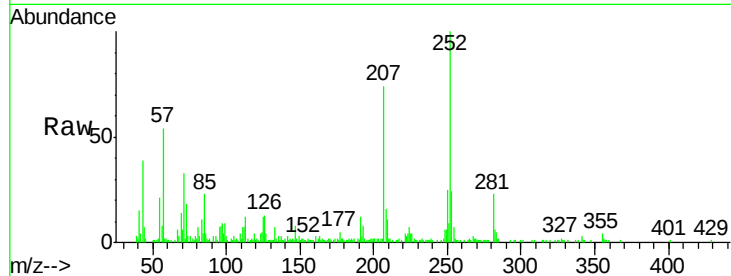
Tgt Ion:252 Resp: 106037

Ion Ratio Lower Upper

252 100

253 24.3 17.2 25.8

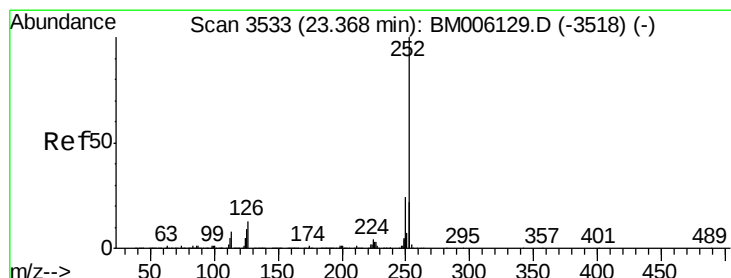
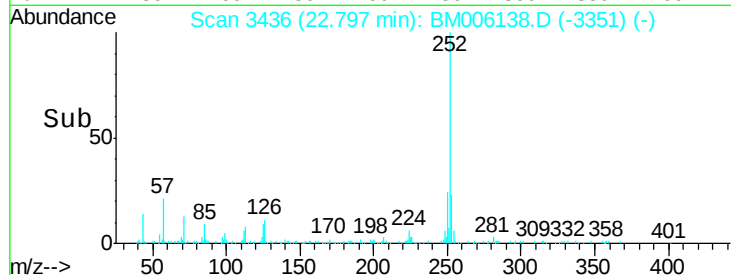
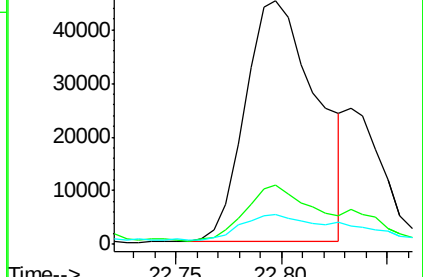
125 12.0 7.8 11.6#



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: 1.06 ng/ul

RT: 23.36 min Scan# 3532

Delta R.T. -0.01 min

Lab File: BM006138.D

Acq: 29 Jun 2016 22:51

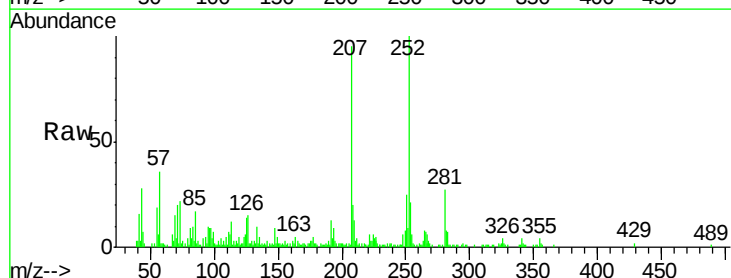
Tgt Ion:252 Resp: 63084

Ion Ratio Lower Upper

252 100

253 21.0 17.8 26.6

125 13.6 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

