

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072216\
 Data File : BM006621.D
 Acq On : 22 Jul 2016 12:20
 Operator : UM/SJ
 Sample : H4077-09 2X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9YR3

Quant Time: Jul 23 00:17:04 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 23 00:16:38 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	169633	20.00	ng/ul	0.00
7) Naphthalene-d8	10.39	136	711304	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.27	164	393353	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.02	188	863329	20.00	ng/ul	0.00
29) Chrysene-d12	21.22	240	934886	20.00	ng/ul	0.00
34) Perylene-d12	23.43	264	979824	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) 1,4-Dioxane-d8	3.14	96	4197	1.00	ng/uL	0.00
3) Phenol-d5	6.80	99	148161	10.27	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.96	67	112887	12.63	ng/ul	0.00
5) 2-Chlorophenol-d4	7.15	132	130788	11.34	ng/ul	0.00
6) 4-Methylphenol-d8	8.33	113	83573	7.47	ng/ul	0.00
8) Nitrobenzene-d5	8.77	128	64621	12.00	ng/ul	0.00
9) 2-Nitrophenol-d4	9.49	143	69232	12.09	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.03	165	126445	11.69	ng/ul	0.00
12) 4-Chloroaniline-d4	10.54	131	113532	9.53	ng/ul	0.00
16) Dimethylphthalate-d6	13.68	166	388461	12.60	ng/ul	0.00
17) Acenaphthylene-d8	13.96	160	510563	12.97	ng/ul	0.00
20) 4-Nitrophenol-d4	14.50	143	37165	6.94	ng/ul	0.00
21) Fluorene-d10	15.26	176	356111	12.91	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.40	200	19987	4.46	ng/ul	0.00
26) Anthracene-d10	17.12	188	547897	13.37	ng/ul	0.00
30) Pyrene-d10	19.42	212	603999	14.18	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.29	264	617756	13.71	ng/ul	0.00

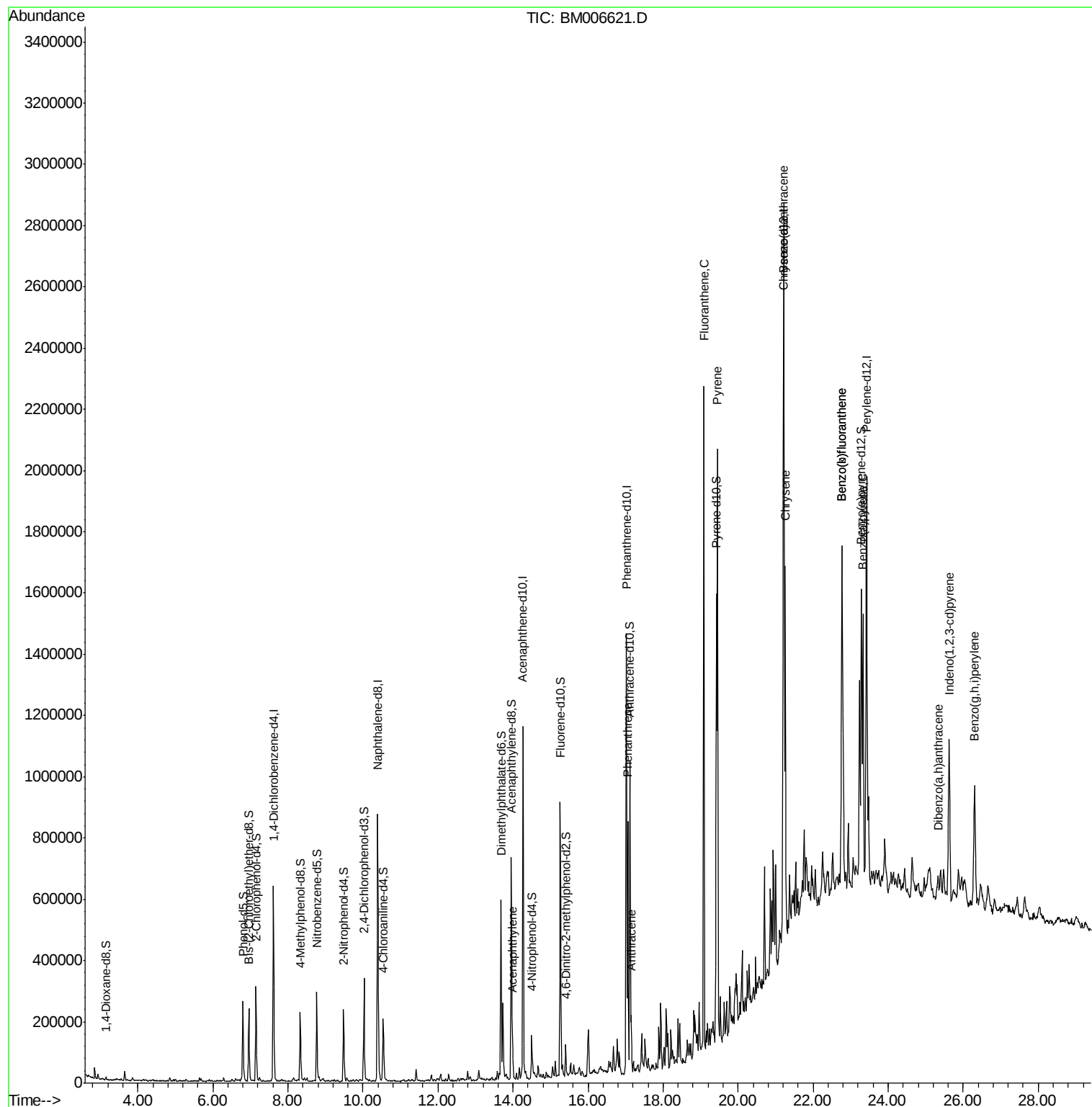
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
18) Acenaphthylene	13.99	152	57846	1.37	ng/ul	96
25) Phenanthrene	17.06	178	504696	10.39	ng/ul	99
27) Anthracene	17.15	178	111787	2.24	ng/ul	98
28) Fluoranthene	19.09	202	1305078	22.88	ng/ul	98
31) Pyrene	19.45	202	1137788	20.10	ng/ul	97
32) Benzo(a)anthracene	21.20	228	647232	11.42	ng/ul	98
33) Chrysene	21.26	228	684612	13.11	ng/ul	96
35) Benzo(b)fluoranthene	22.77	252	983550	16.75	ng/ul	99
36) Benzo(k)fluoranthene	22.77	252	983550	17.32	ng/ul	99
38) Benzo(a)pyrene	23.33	252	640823	11.21	ng/ul	98
39) Indeno(1,2,3-cd)pyrene	25.63	276	496033	7.49	ng/ul	99
40) Dibenzo(a,h)anthracene	25.33	278	81363	1.48	ng/ul	96
41) Benzo(g,h,i)perylene	26.31	276	478050	8.42	ng/ul	96

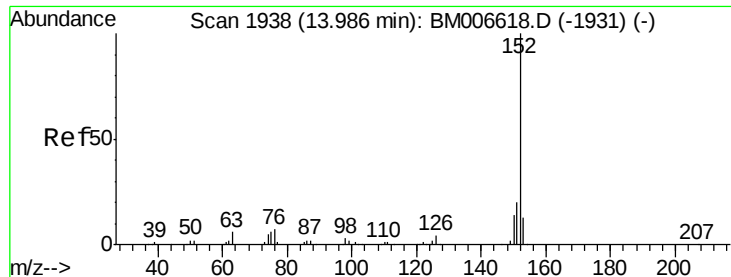
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#18

Acenaphthylene

Concen: 1.37 ng/ul

RT: 13.99 min Scan# 1938

Delta R.T. -0.00 min

Lab File: BM006621.D

Acq: 22 Jul 2016 12:20

Instrument :

BNA_M

ClientSampleId :

D9YR3

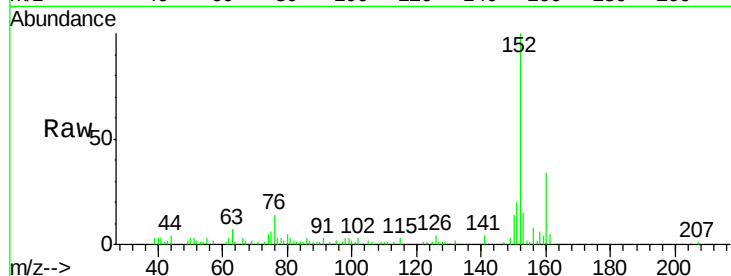
Tgt Ion:152 Resp: 57846

Ion Ratio Lower Upper

152 100

151 19.8 17.3 25.9

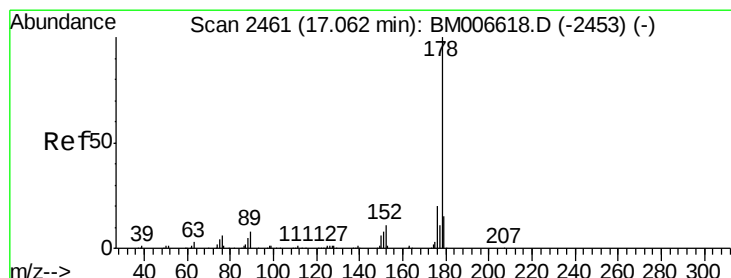
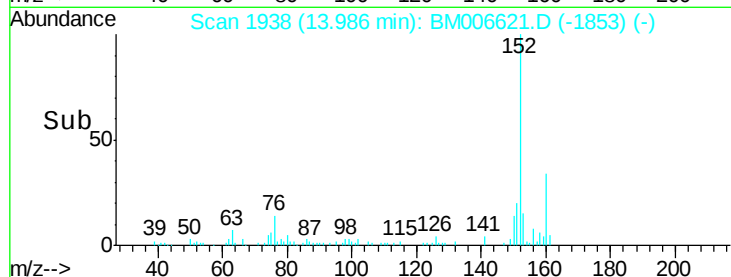
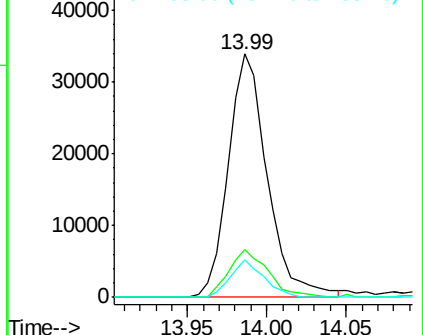
153 15.2 11.1 16.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#25

Phenanthrene

Concen: 10.39 ng/ul

RT: 17.06 min Scan# 2461

Delta R.T. -0.00 min

Lab File: BM006621.D

Acq: 22 Jul 2016 12:20

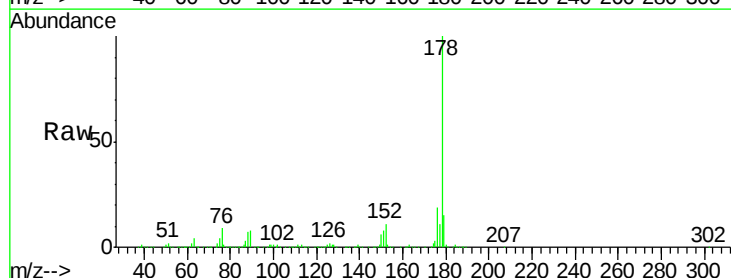
Tgt Ion:178 Resp: 504696

Ion Ratio Lower Upper

178 100

179 15.1 11.8 17.8

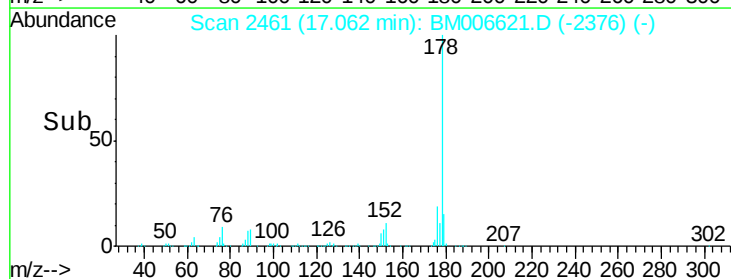
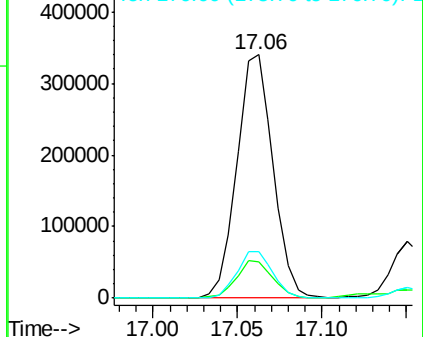
176 19.2 14.8 22.2

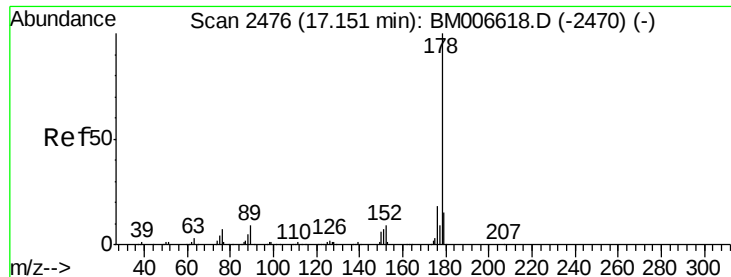


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

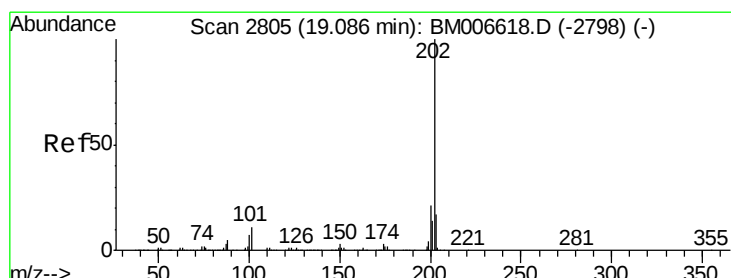
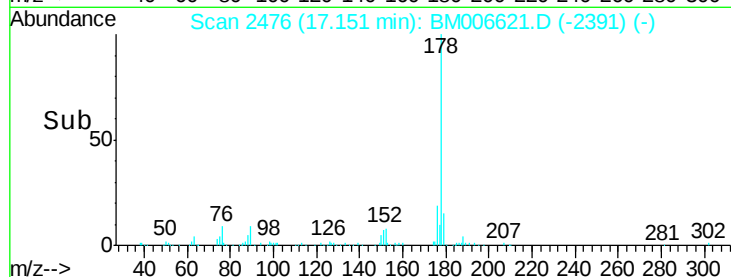
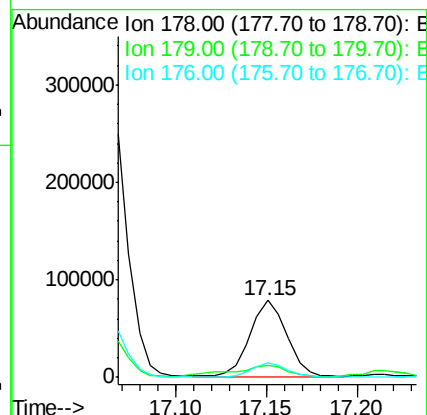
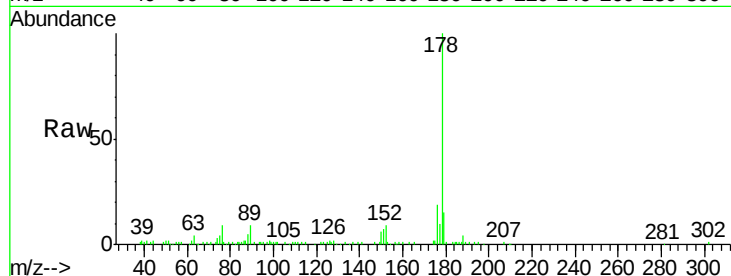




#27
 Anthracene
 Concen: 2.24 ng/ul
 RT: 17.15 min Scan# 2476
 Delta R.T. -0.00 min
 Lab File: BM006621.D
 Acq: 22 Jul 2016 12:20

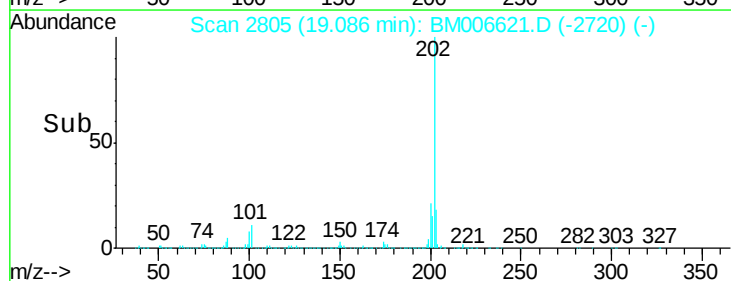
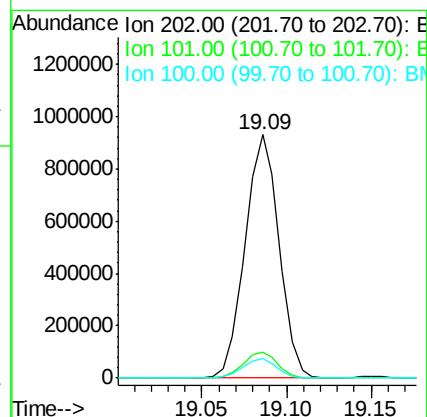
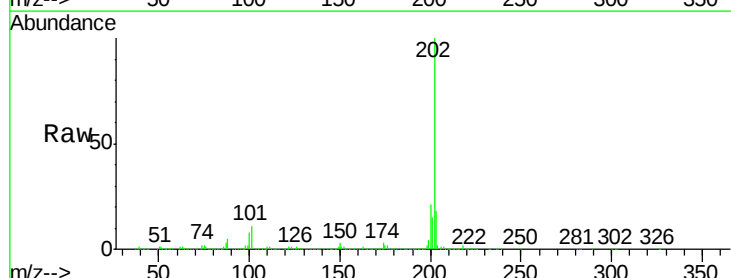
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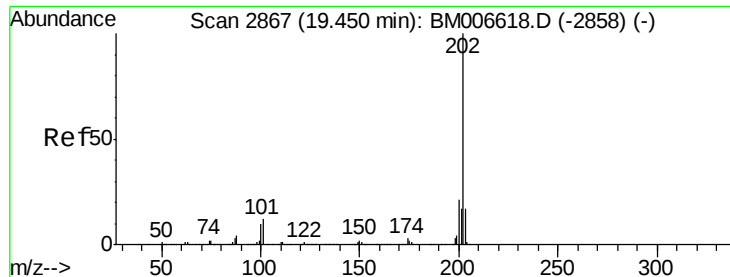
Tgt Ion:178 Resp: 111787
 Ion Ratio Lower Upper
 178 100
 179 15.2 12.9 19.3
 176 18.8 15.6 23.4



#28
 Fluoranthene
 Concen: 22.88 ng/ul
 RT: 19.09 min Scan# 2805
 Delta R.T. -0.00 min
 Lab File: BM006621.D
 Acq: 22 Jul 2016 12:20

Tgt Ion:202 Resp: 1305078
 Ion Ratio Lower Upper
 202 100
 101 10.5 8.9 13.3
 100 7.9 7.0 10.4





#31

Pyrene

Concen: 20.10 ng/ul

RT: 19.45 min Scan# 2867

Delta R.T. -0.00 min

Lab File: BM006621.D

Acq: 22 Jul 2016 12:20

Instrument :

BNA_M

ClientSampleId :

D9YR3

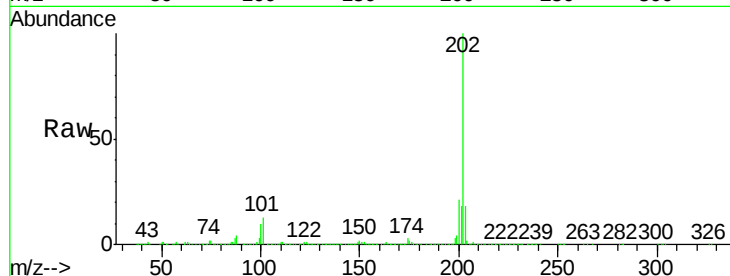
Tgt Ion:202 Resp: 1137788

Ion Ratio Lower Upper

202 100

101 12.8 9.8 14.8

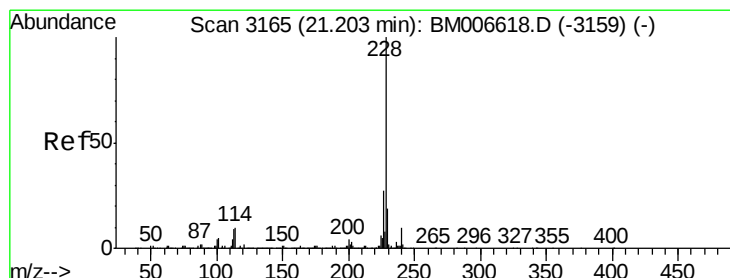
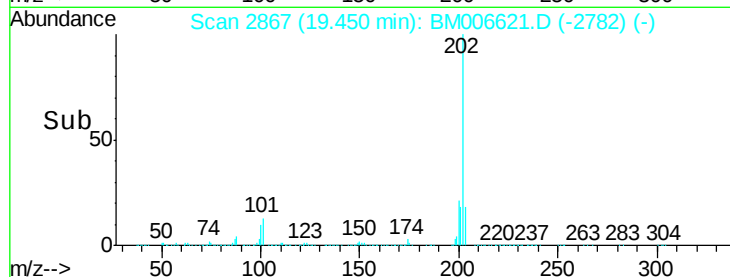
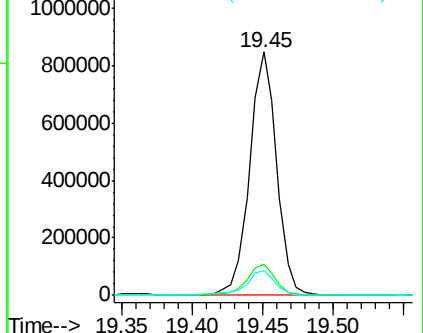
100 9.9 9.3 13.9



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



#32

Benzo(a)anthracene

Concen: 11.42 ng/ul

RT: 21.20 min Scan# 3165

Delta R.T. -0.00 min

Lab File: BM006621.D

Acq: 22 Jul 2016 12:20

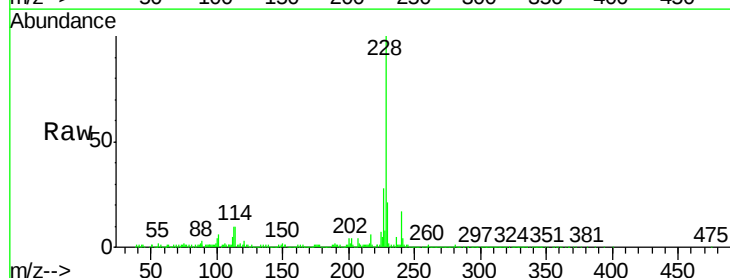
Tgt Ion:228 Resp: 647232

Ion Ratio Lower Upper

228 100

229 20.8 16.6 25.0

226 27.9 21.0 31.4



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

