

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061716\
 Data File : BM005844.D
 Acq On : 17 Jun 2016 01:02
 Operator : UM/SJ
 Sample : H3537-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9Y35

Quant Time: Jun 17 01:58:02 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061716.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 17 01:56:56 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	33495	20.00	ng/ul	0.00
7) Naphthalene-d8	10.52	136	161244	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.37	164	102702	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.12	188	240249	20.00	ng/ul	0.00
29) Chrysene-d12	21.30	240	284097	20.00	ng/ul	0.00
34) Perylene-d12	23.56	264	256108	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.18	96	535	2.07	ng/uL	0.00
3) Phenol-d5	6.92	99	37852	13.50	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.06	67	21480	14.78	ng/ul	0.00
5) 2-Chlorophenol-d4	7.26	132	35225	14.76	ng/ul	0.00
6) 4-Methylphenol-d8	8.45	113	29069	11.60	ng/ul	0.00
8) Nitrobenzene-d5	8.89	128	17312	15.21	ng/ul	0.00
9) 2-Nitrophenol-d4	9.61	143	21123	15.19	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.16	165	39848	14.51	ng/ul	0.00
12) 4-Chloroaniline-d4	10.66	131	66959	36.02	ng/ul	0.00
16) Dimethylphthalate-d6	13.78	166	139107	14.32	ng/ul	0.00
17) Acenaphthylene-d8	14.07	160	168418	15.05	ng/ul	0.00
20) 4-Nitrophenol-d4	14.63	143	9615	8.21	ng/ul	0.01
21) Fluorene-d10	15.37	176	120602	14.57	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.52	200	16550	10.21	ng/ul	0.00
26) Anthracene-d10	17.22	188	186165	14.84	ng/ul	0.00
30) Pyrene-d10	19.52	212	222736	16.54	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.41	264	194402	15.18	ng/ul	0.00

Target Compounds

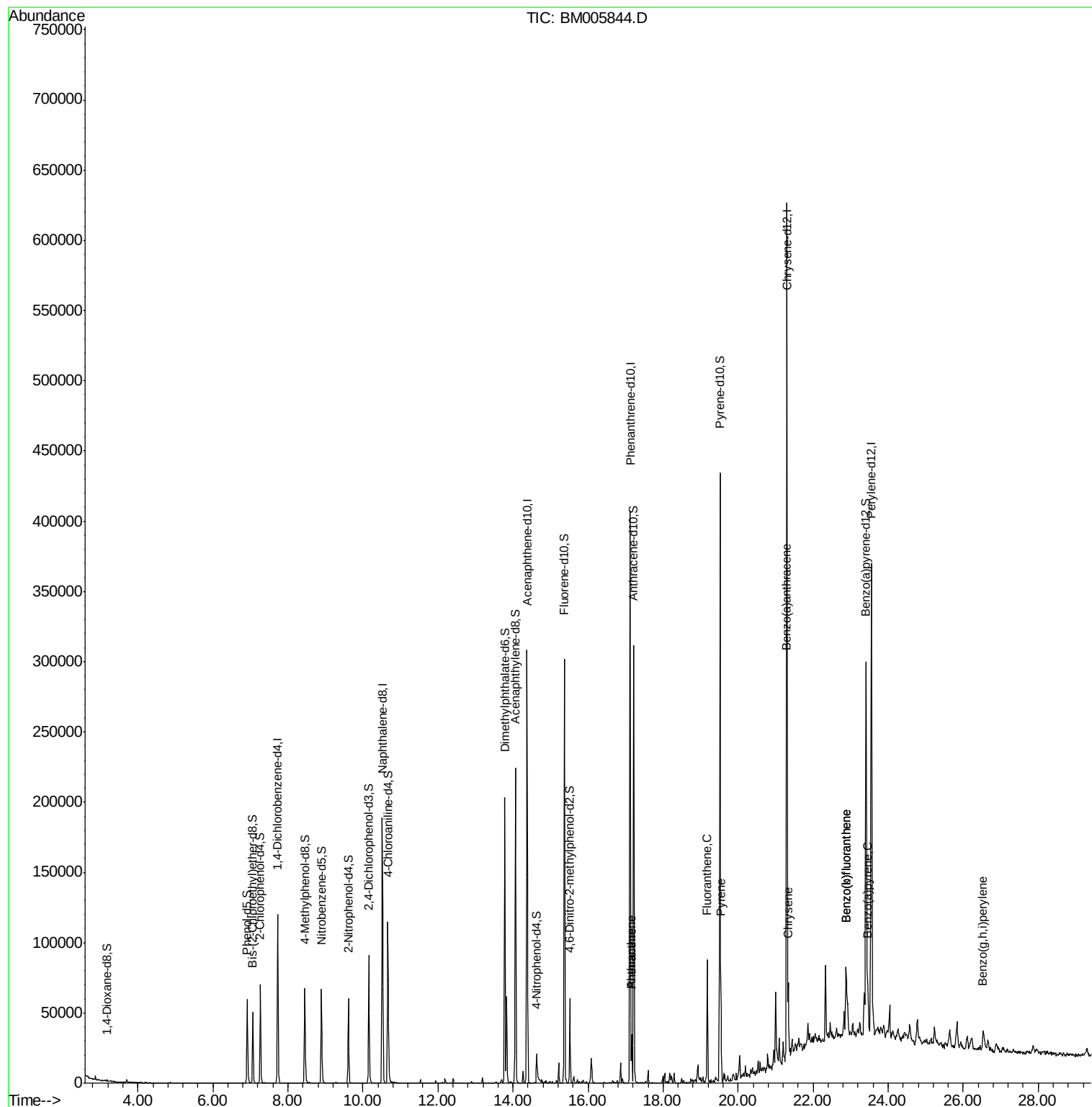
						Qvalue
25) Phenanthrene	17.16	178	23920	1.67	ng/ul	99
27) Anthracene	17.16	178	23920	1.64	ng/ul	99
28) Fluoranthene	19.18	202	58075	3.23	ng/ul	99
31) Pyrene	19.54	202	52076	3.10	ng/ul	99
32) Benzo(a)anthracene	21.29	228	29690	1.67	ng/ul	97
33) Chrysene	21.34	228	31321	1.83	ng/ul	97
35) Benzo(b)fluoranthene	22.88	252	43070	2.70	ng/ul#	92
36) Benzo(k)fluoranthene	22.88	252	43070	2.80	ng/ul#	93
38) Benzo(a)pyrene	23.46	252	26430	1.69	ng/ul#	97
41) Benzo(g,h,i)perylene	26.53	276	18773	1.15	ng/ul	96

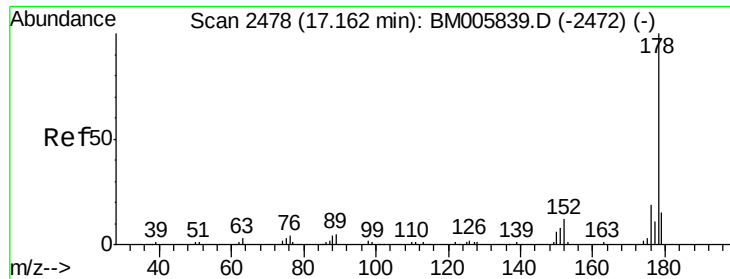
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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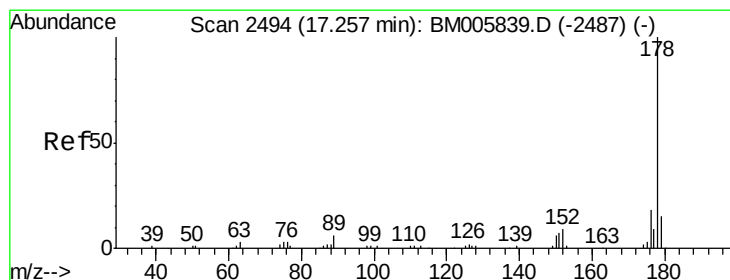
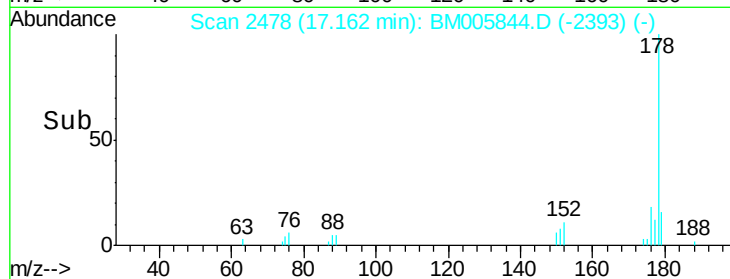
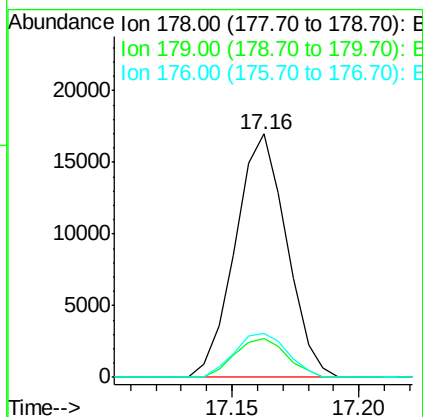
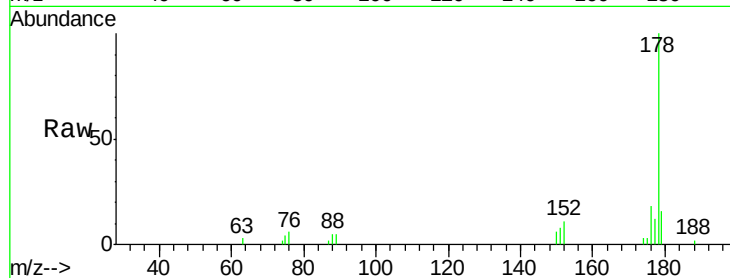




#25
Phenanthrene
Concen: 1.67 ng/ul
RT: 17.16 min Scan# 2478
Delta R.T. -0.00 min
Lab File: BM005844.D
Acq: 17 Jun 2016 01:02

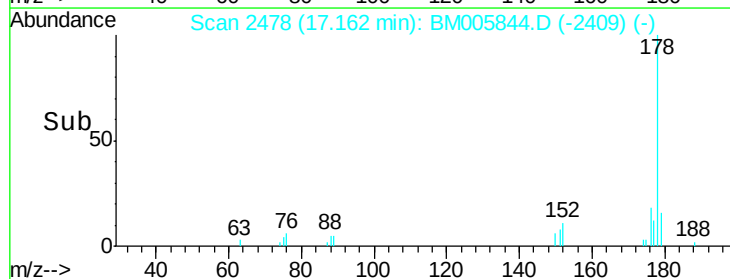
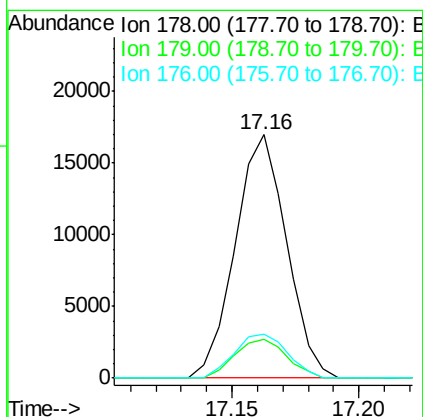
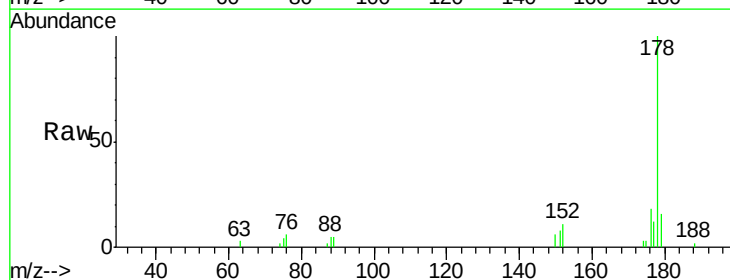
Instrument :
BNA_M
ClientSampleId :
D9Y35

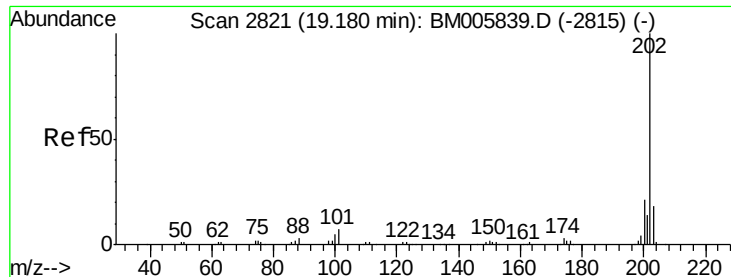
Tgt Ion:178 Resp: 23920
Ion Ratio Lower Upper
178 100
179 15.8 12.0 18.0
176 18.2 14.9 22.3



#27
Anthracene
Concen: 1.64 ng/ul
RT: 17.16 min Scan# 2478
Delta R.T. -0.09 min
Lab File: BM005844.D
Acq: 17 Jun 2016 01:02

Tgt Ion:178 Resp: 23920
Ion Ratio Lower Upper
178 100
179 15.8 11.9 17.9
176 18.2 14.8 22.2





#28

Fluoranthene

Concen: 3.23 ng/ul

RT: 19.18 min Scan# 2821

Delta R.T. -0.00 min

Lab File: BM005844.D

Acq: 17 Jun 2016 01:02

Instrument :

BNA_M

ClientSampleId :

D9Y35

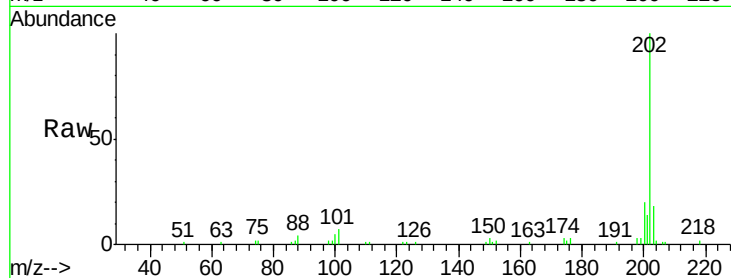
Tgt Ion:202 Resp: 58075

Ion Ratio Lower Upper

202 100

101 6.9 6.1 9.1

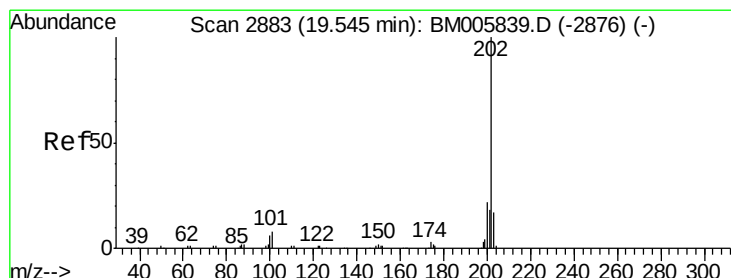
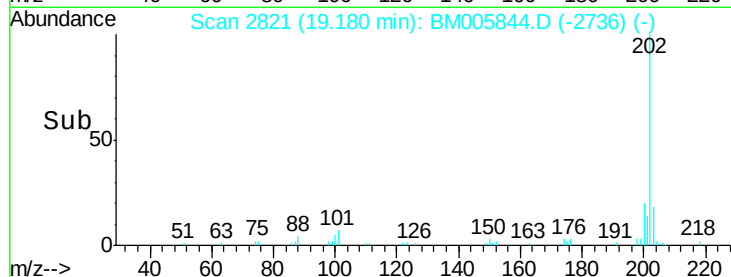
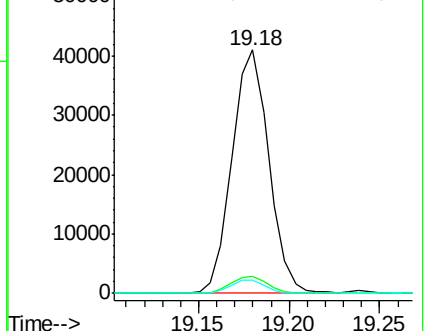
100 5.3 4.2 6.2



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: 3.10 ng/ul

RT: 19.54 min Scan# 2883

Delta R.T. -0.00 min

Lab File: BM005844.D

Acq: 17 Jun 2016 01:02

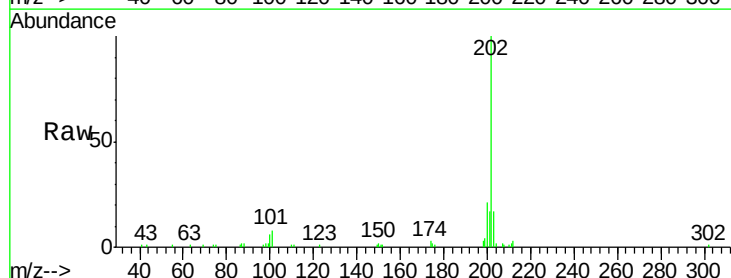
Tgt Ion:202 Resp: 52076

Ion Ratio Lower Upper

202 100

101 8.2 6.5 9.7

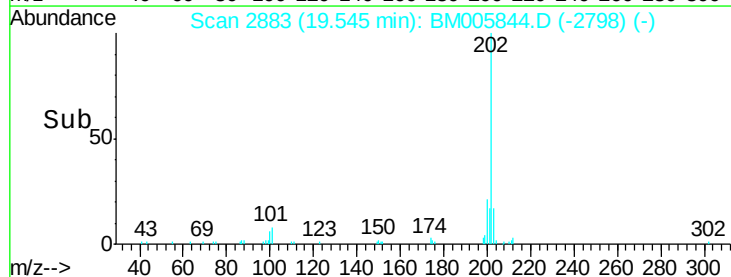
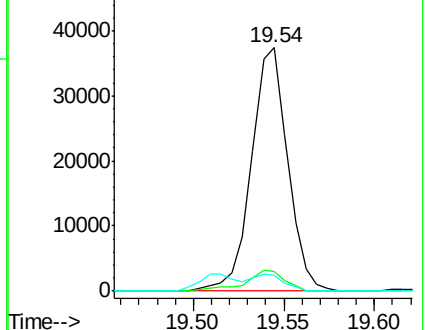
100 6.3 5.4 8.2

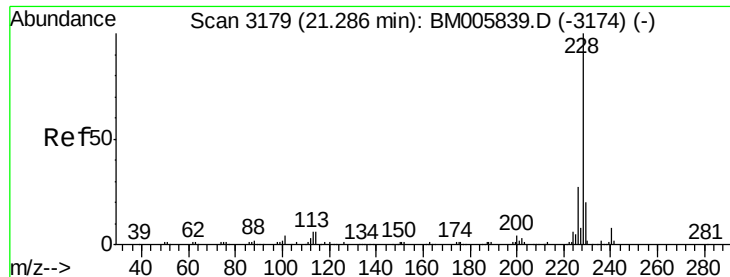


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#32

Benzo(a)anthracene

Concen: 1.67 ng/ul

RT: 21.29 min Scan# 3179

Delta R.T. -0.00 min

Lab File: BM005844.D

Acq: 17 Jun 2016 01:02

Instrument :

BNA_M

ClientSampleId :

D9Y35

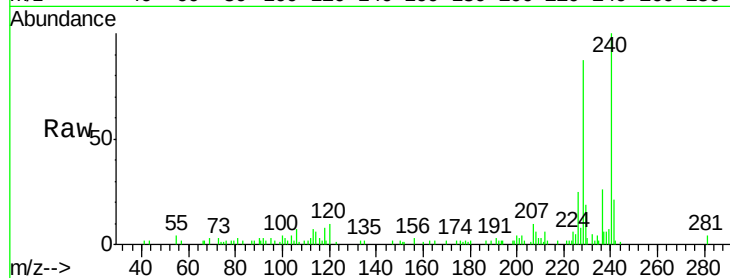
Tgt Ion:228 Resp: 29690

Ion Ratio Lower Upper

228 100

229 21.4 15.8 23.6

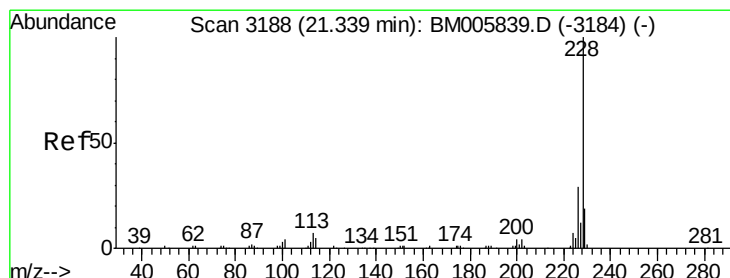
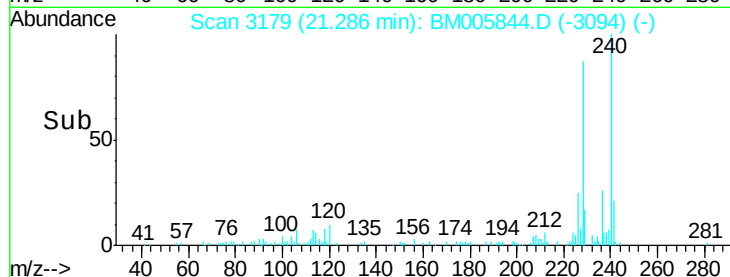
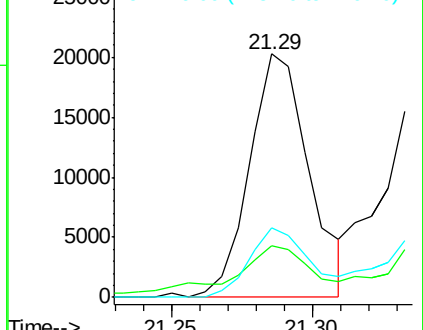
226 28.4 21.8 32.6



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: 1.83 ng/ul

RT: 21.34 min Scan# 3188

Delta R.T. -0.00 min

Lab File: BM005844.D

Acq: 17 Jun 2016 01:02

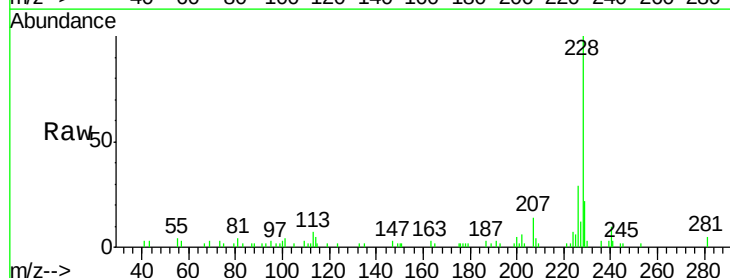
Tgt Ion:228 Resp: 31321

Ion Ratio Lower Upper

228 100

226 29.1 23.5 35.3

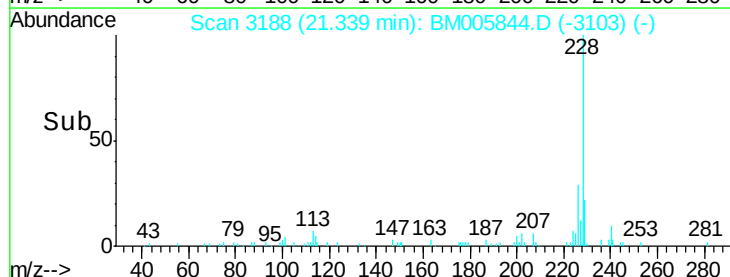
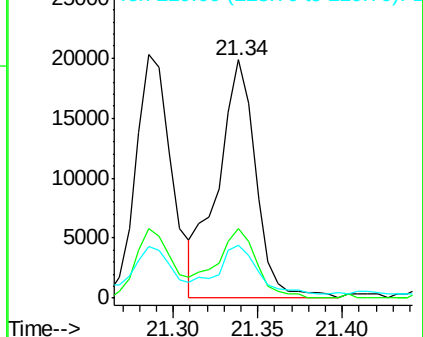
229 22.1 15.4 23.0

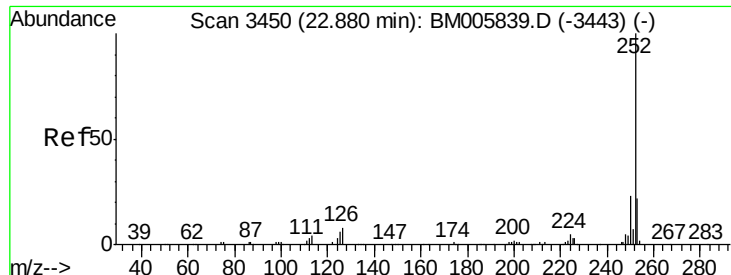


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

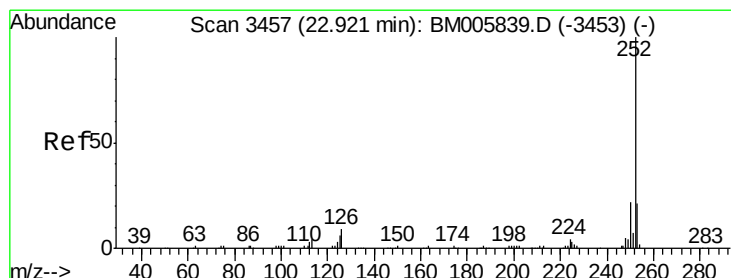
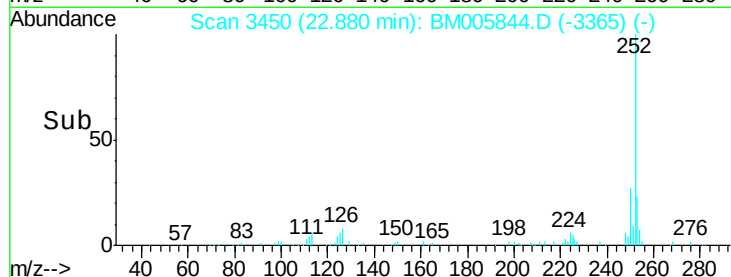
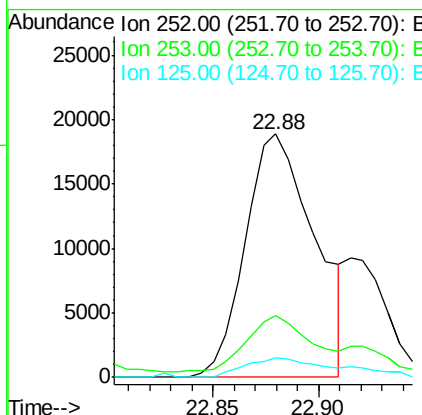
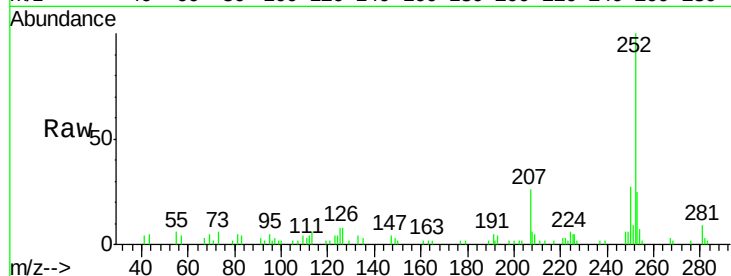




#35
Benzo(b)fluoranthene
Concen: 2.70 ng/ul
RT: 22.88 min Scan# 3450
Delta R.T. -0.00 min
Lab File: BM005844.D
Acq: 17 Jun 2016 01:02

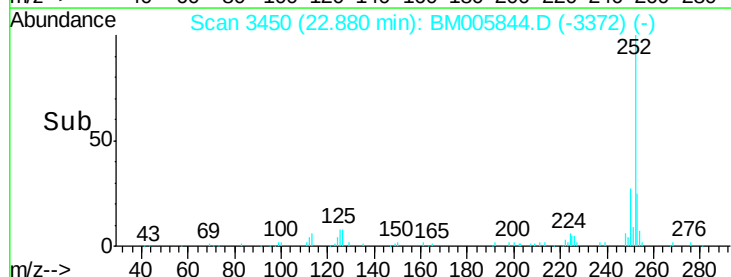
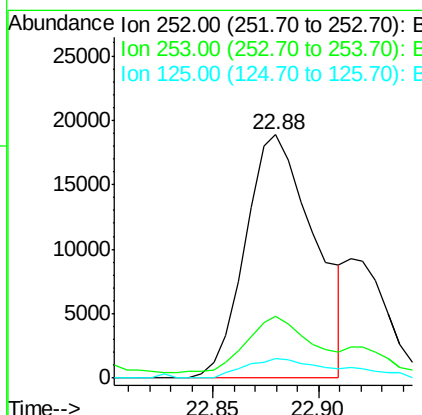
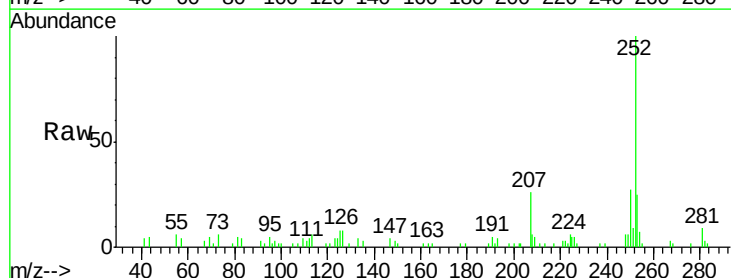
Instrument :
BNA_M
ClientSampleId :
D9Y35

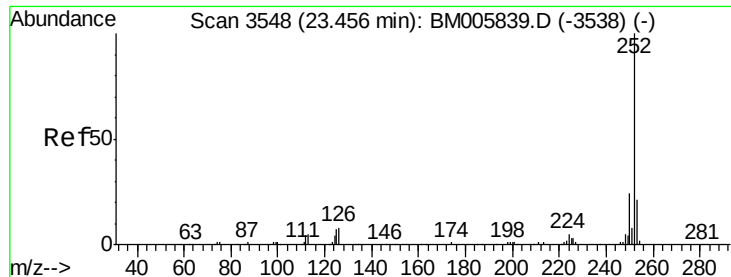
Tgt Ion:252 Resp: 43070
Ion Ratio Lower Upper
252 100
253 25.2 17.1 25.7
125 8.1 4.9 7.3#



#36
Benzo(k)fluoranthene
Concen: 2.80 ng/ul
RT: 22.88 min Scan# 3450
Delta R.T. -0.04 min
Lab File: BM005844.D
Acq: 17 Jun 2016 01:02

Tgt Ion:252 Resp: 43070
Ion Ratio Lower Upper
252 100
253 25.2 17.5 26.3
125 8.1 4.8 7.2#





#38

Benzo(a)pyrene

Concen: 1.69 ng/ul

RT: 23.46 min Scan# 3548

Delta R.T. -0.00 min

Lab File: BM005844.D

Acq: 17 Jun 2016 01:02

Instrument :

BNA_M

ClientSampleId :

D9Y35

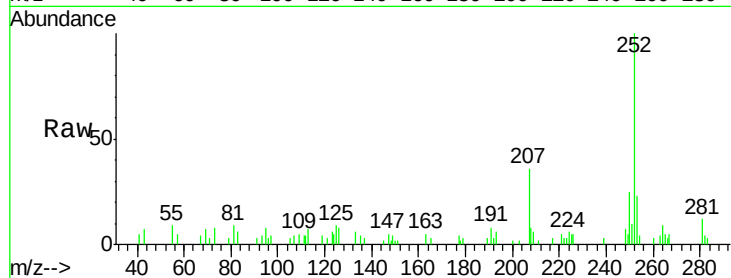
Tgt Ion:252 Resp: 26430

Ion Ratio Lower Upper

252 100

253 23.3 18.0 27.0

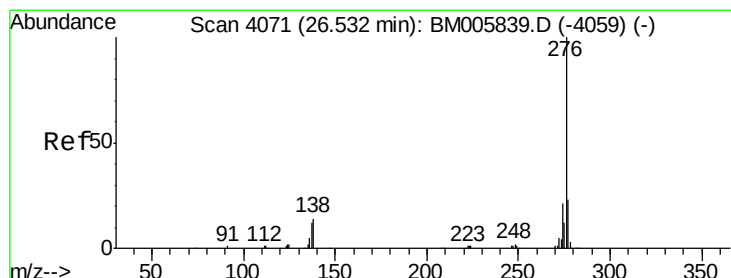
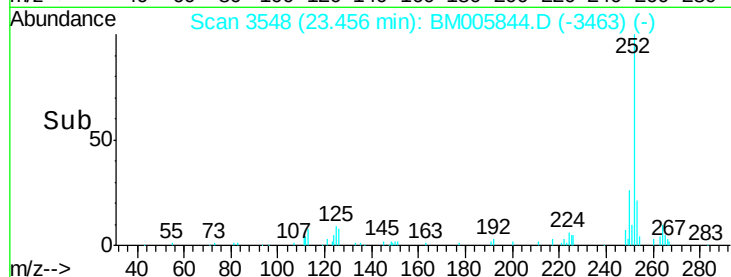
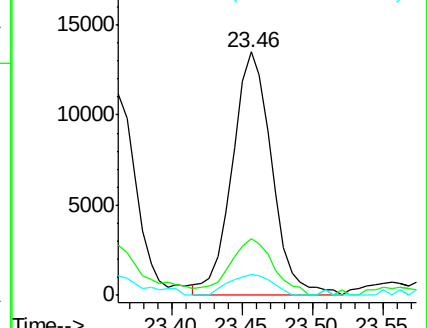
125 8.6 5.1 7.7#



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



#41

Benzo(g,h,i)perylene

Concen: 1.15 ng/ul

RT: 26.53 min Scan# 4071

Delta R.T. -0.00 min

Lab File: BM005844.D

Acq: 17 Jun 2016 01:02

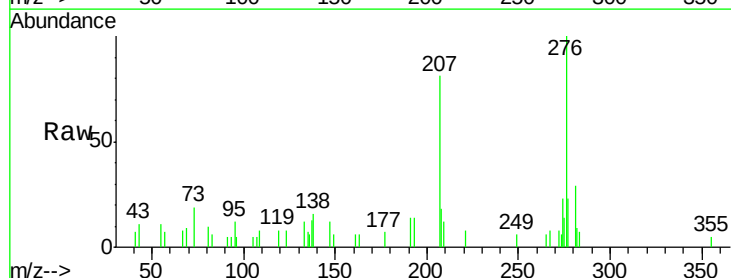
Tgt Ion:276 Resp: 18773

Ion Ratio Lower Upper

276 100

138 15.7 10.6 15.8

277 23.3 19.6 29.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

