

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061716\
 Data File : BM005840.D
 Acq On : 16 Jun 2016 22:38
 Operator : UM/SJ
 Sample : H3535-16
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9Y06

Quant Time: Jun 17 01:57:27 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	17235	20.00	ng/ul	0.00
7) Naphthalene-d8	10.52	136	85365	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.37	164	60572	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.12	188	152656	20.00	ng/ul	0.00
29) Chrysene-d12	21.30	240	203813	20.00	ng/ul	0.00
34) Perylene-d12	23.56	264	227460	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.17	96	250	1.88	ng/uL	0.00
3) Phenol-d5	6.92	99	20955	14.52	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.06	67	13136	17.56	ng/ul	0.00
5) 2-Chlorophenol-d4	7.27	132	20121	16.38	ng/ul	0.00
6) 4-Methylphenol-d8	8.45	113	11214	8.70	ng/ul	0.00
8) Nitrobenzene-d5	8.89	128	9936	16.49	ng/ul	0.00
9) 2-Nitrophenol-d4	9.62	143	12701	17.25	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.16	165	24426	16.80	ng/ul	0.00
12) 4-Chloroaniline-d4	10.68	131	11163	11.34	ng/ul	0.01
16) Dimethylphthalate-d6	13.78	166	107438	18.75	ng/ul	0.00
17) Acenaphthylene-d8	14.07	160	126408	19.15	ng/ul	0.00
20) 4-Nitrophenol-d4	14.63	143	6461	9.36	ng/ul	0.02
21) Fluorene-d10	15.37	176	94968	19.45	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.52	200	14231	13.81	ng/ul	0.00
26) Anthracene-d10	17.22	188	153958	19.31	ng/ul	0.00
30) Pyrene-d10	19.52	212	194464	20.13	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.41	264	223819	19.68	ng/ul	0.00

Target Compounds

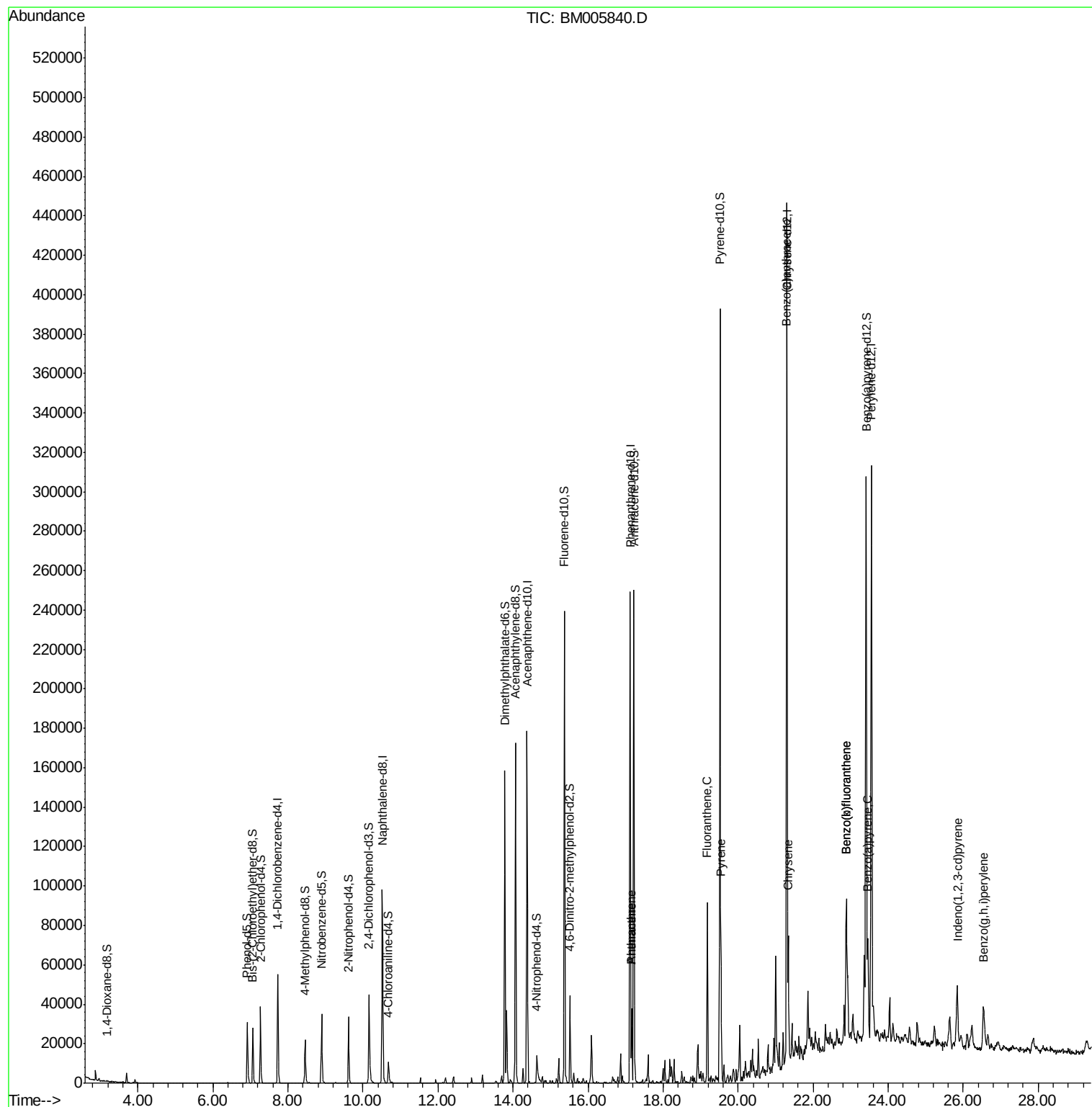
						Qvalue
25) Phenanthrene	17.16	178	24780	2.73	ng/ul	99
27) Anthracene	17.16	178	24780	2.67	ng/ul	99
28) Fluoranthene	19.18	202	57407	5.03	ng/ul	99
31) Pyrene	19.54	202	53855	4.47	ng/ul	99
32) Benzo(a)anthracene	21.29	228	36410	2.86	ng/ul	99
33) Chrysene	21.34	228	39003	3.18	ng/ul	95
35) Benzo(b)fluoranthene	22.89	252	63914	4.51	ng/ul#	96
36) Benzo(k)fluoranthene	22.89	252	63914	4.67	ng/ul#	97
38) Benzo(a)pyrene	23.46	252	42276	3.04	ng/ul#	94
39) Indeno(1,2,3-cd)pyrene	25.84	276	32366	1.90	ng/ul	96
41) Benzo(g,h,i)perylene	26.54	276	29267	2.02	ng/ul	98

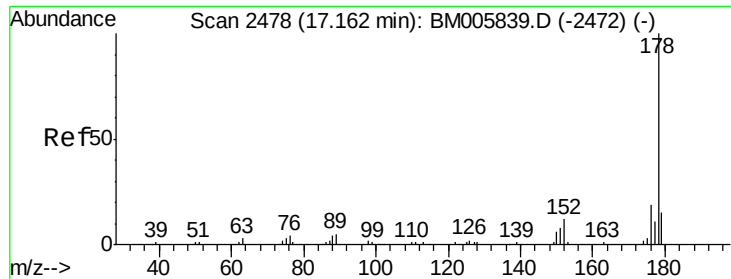
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061716\
Data File : BM005840.D
Acq On : 16 Jun 2016 22:38
Operator : UM/SJ
Sample : H3535-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9Y06

Quant Time: Jun 17 01:57:27 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

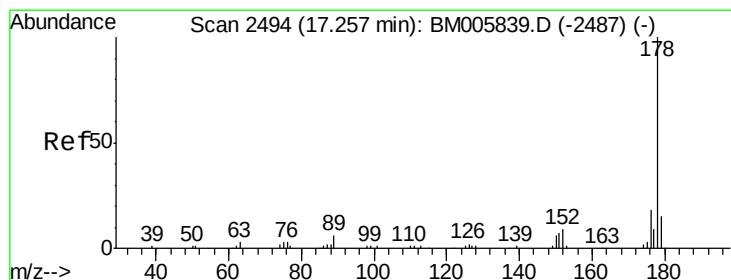
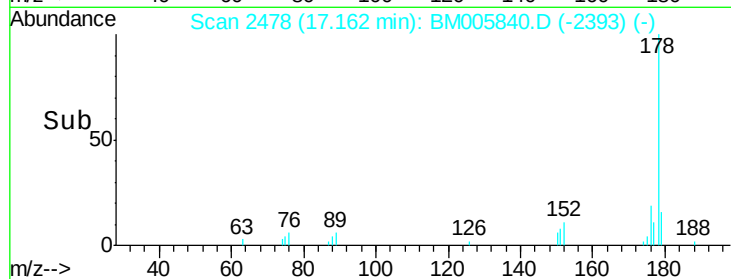
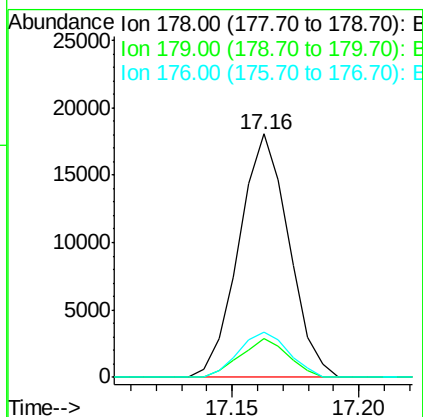
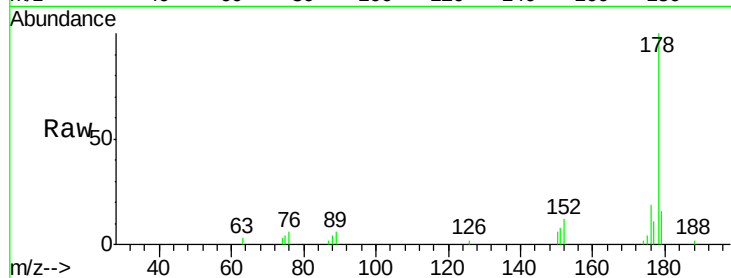




#25
Phenanthrene
Concen: 2.73 ng/ul
RT: 17.16 min Scan# 2478
Delta R.T. -0.00 min
Lab File: BM005840.D
Acq: 16 Jun 2016 22:38

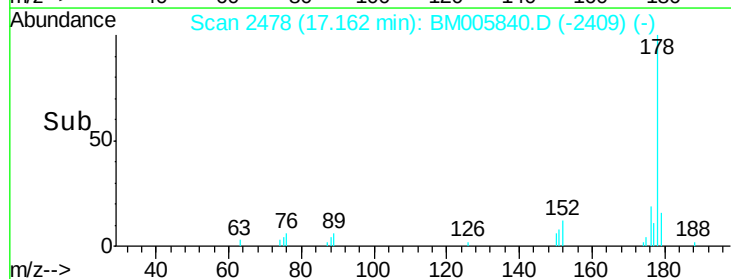
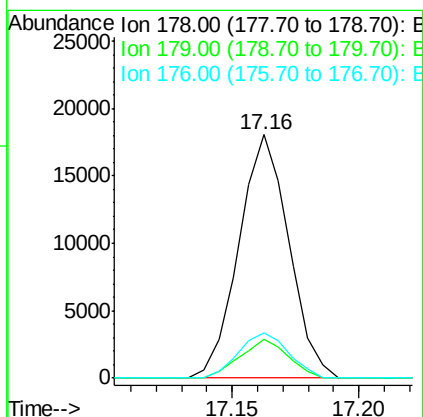
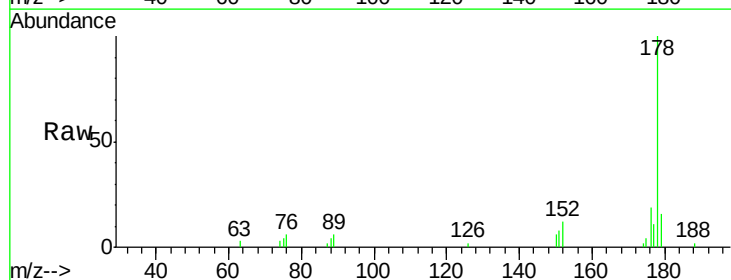
Instrument :
BNA_M
ClientSampleId :
D9Y06

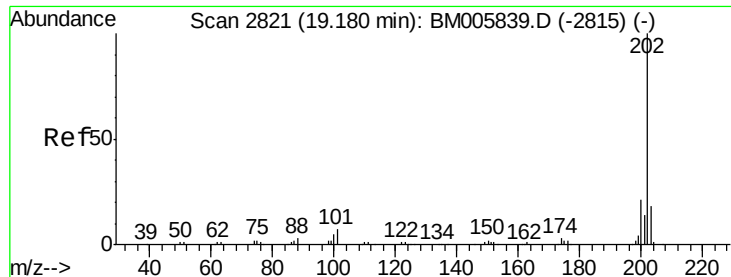
Tgt Ion:178 Resp: 24780
Ion Ratio Lower Upper
178 100
179 16.0 12.0 18.0
176 18.7 14.9 22.3



#27
Anthracene
Concen: 2.67 ng/ul
RT: 17.16 min Scan# 2478
Delta R.T. -0.09 min
Lab File: BM005840.D
Acq: 16 Jun 2016 22:38

Tgt Ion:178 Resp: 24780
Ion Ratio Lower Upper
178 100
179 16.0 11.9 17.9
176 18.7 14.8 22.2





#28

Fluoranthene

Concen: 5.03 ng/ul

RT: 19.18 min Scan# 2821

Delta R.T. -0.00 min

Lab File: BM005840.D

Acq: 16 Jun 2016 22:38

Instrument :

BNA_M

ClientSampled :

D9Y06

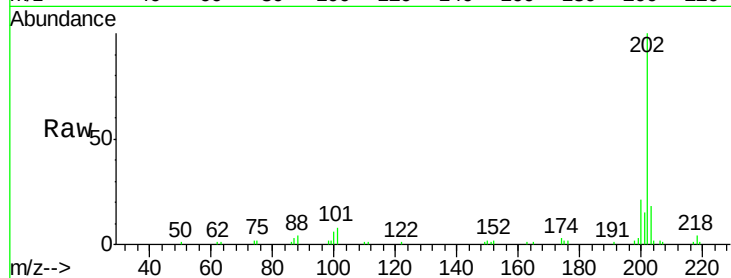
Tgt Ion:202 Resp: 57407

Ion Ratio Lower Upper

202 100

101 7.7 6.1 9.1

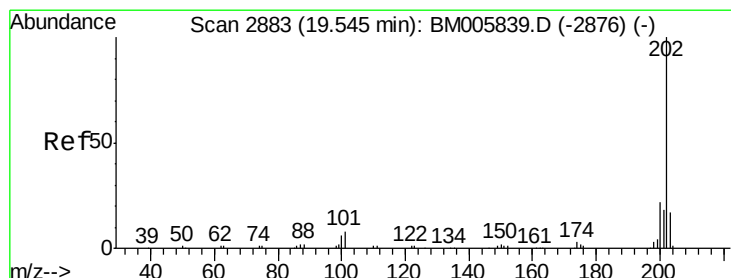
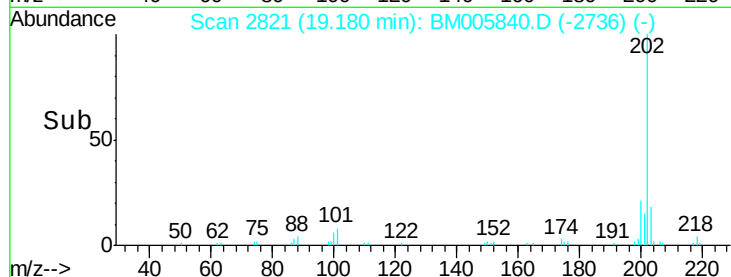
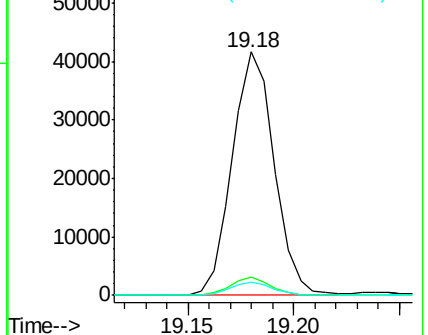
100 5.6 4.2 6.2



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: 4.47 ng/ul

RT: 19.54 min Scan# 2883

Delta R.T. -0.00 min

Lab File: BM005840.D

Acq: 16 Jun 2016 22:38

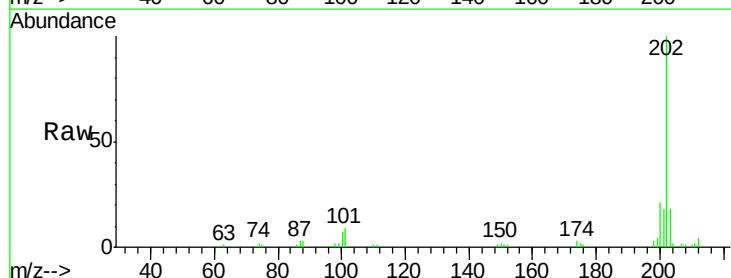
Tgt Ion:202 Resp: 53855

Ion Ratio Lower Upper

202 100

101 9.0 6.5 9.7

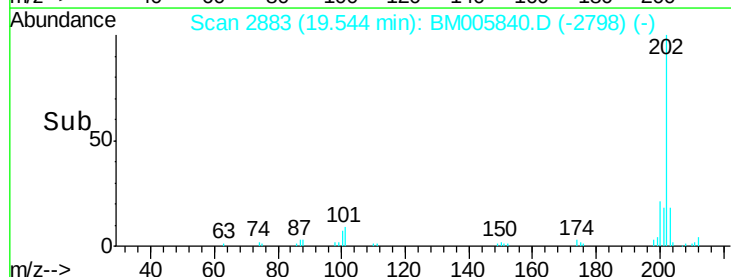
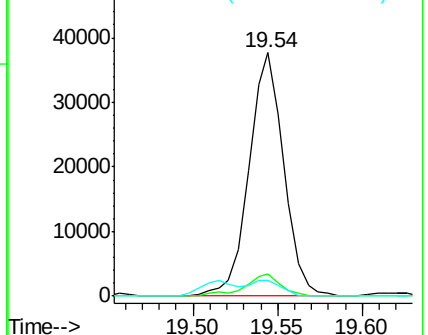
100 6.7 5.4 8.2

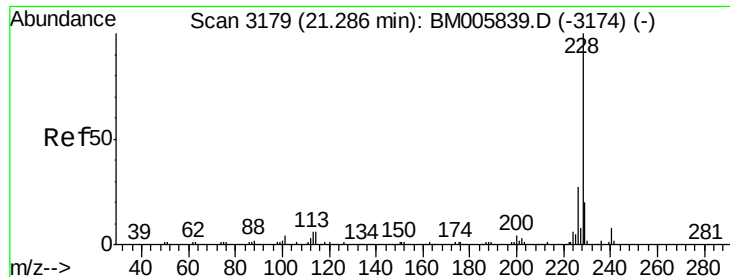


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#32

Benzo(a)anthracene

Concen: 2.86 ng/ul

RT: 21.29 min Scan# 3180

Delta R.T. 0.01 min

Lab File: BM005840.D

Acq: 16 Jun 2016 22:38

Instrument :

BNA_M

ClientSampleId :

D9Y06

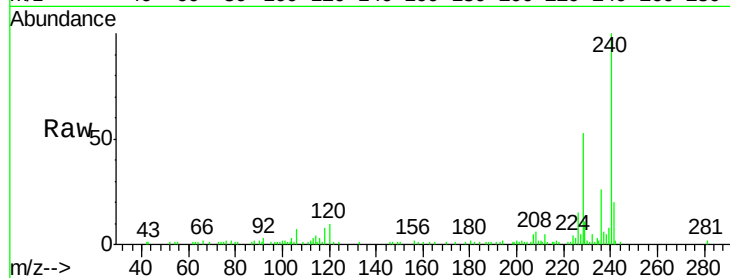
Tgt Ion:228 Resp: 36410

Ion Ratio Lower Upper

228 100

229 20.8 15.8 23.6

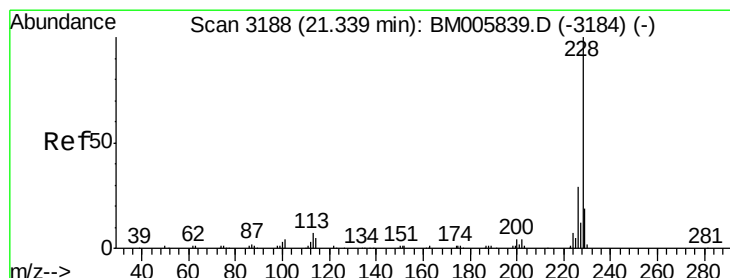
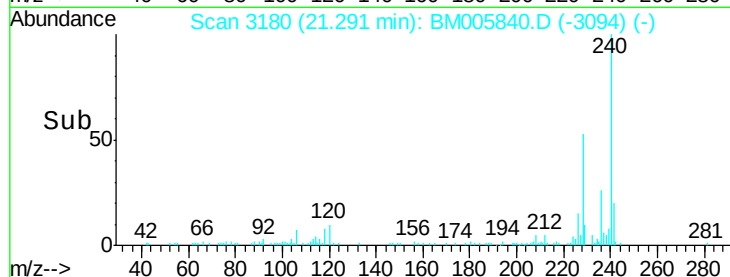
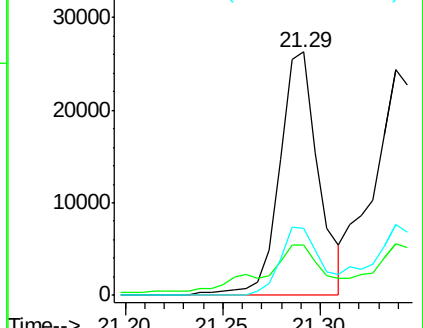
226 27.6 21.8 32.6



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: 3.18 ng/ul

RT: 21.34 min Scan# 3188

Delta R.T. -0.00 min

Lab File: BM005840.D

Acq: 16 Jun 2016 22:38

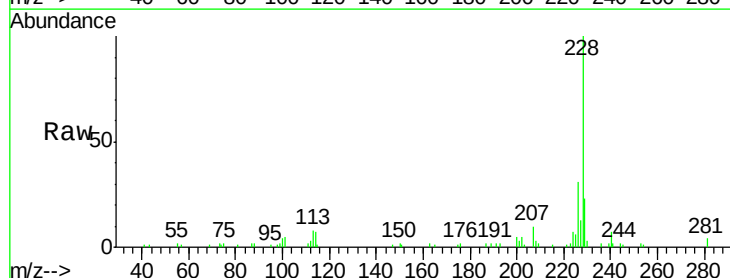
Tgt Ion:228 Resp: 39003

Ion Ratio Lower Upper

228 100

226 31.2 23.5 35.3

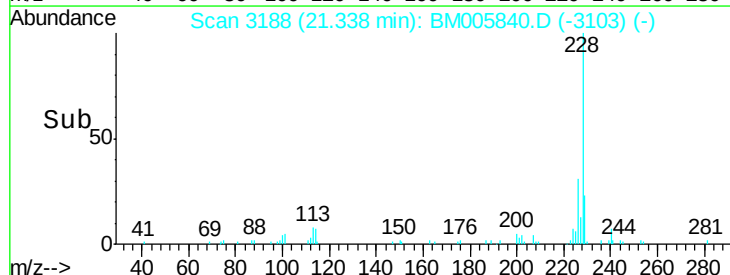
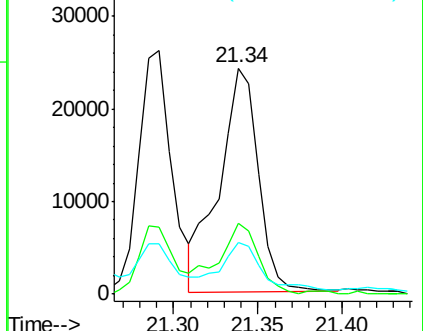
229 22.8 15.4 23.0

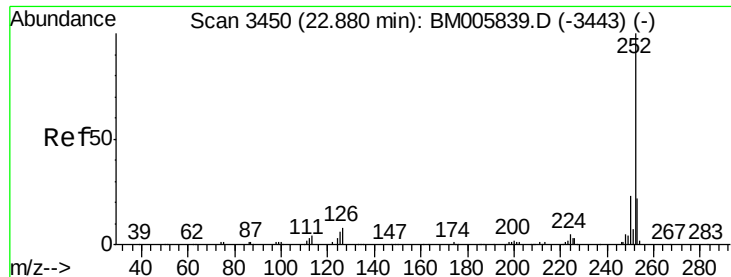


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

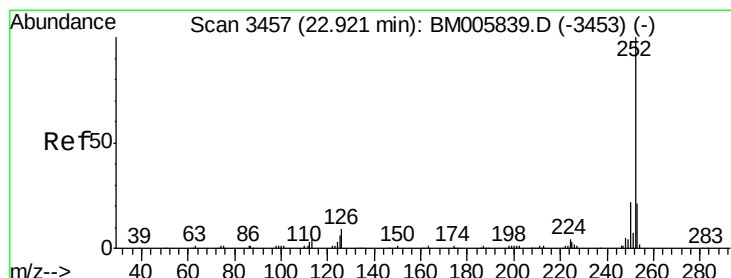
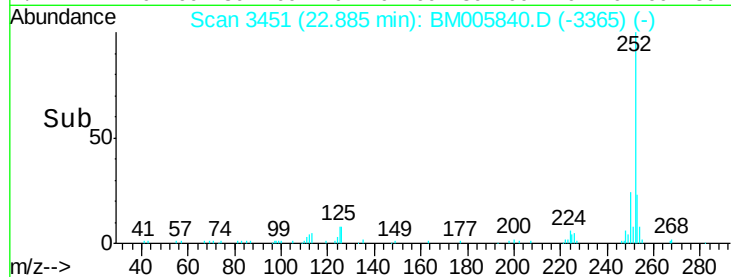
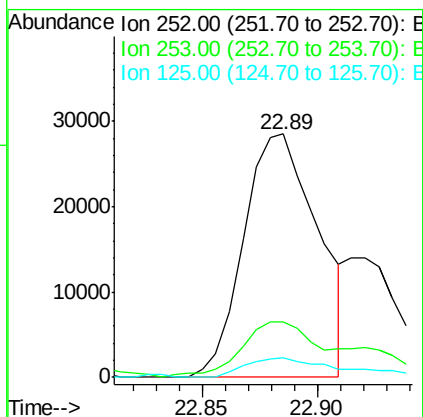
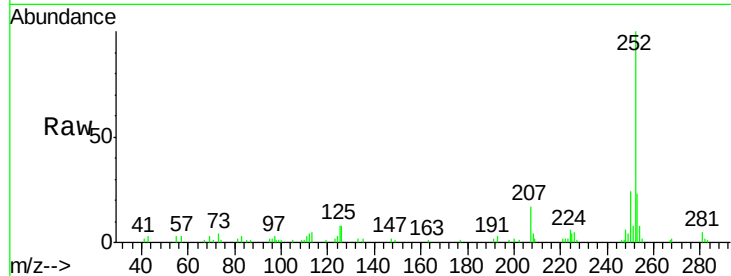




#35
Benzo(b)fluoranthene
Concen: 4.51 ng/ul
RT: 22.89 min Scan# 3451
Delta R.T. 0.01 min
Lab File: BM005840.D
Acq: 16 Jun 2016 22:38

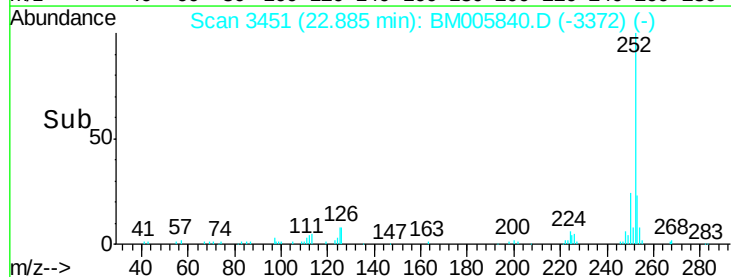
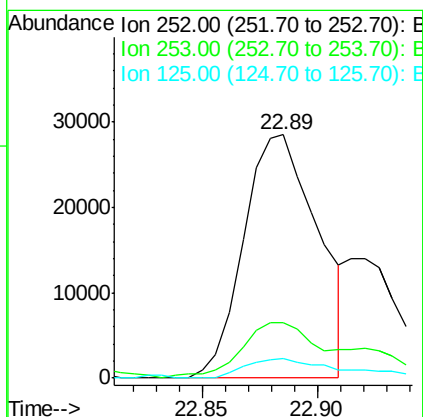
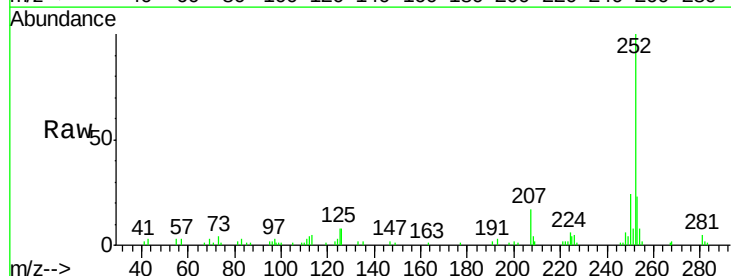
Instrument :
BNA_M
ClientSampleId :
D9Y06

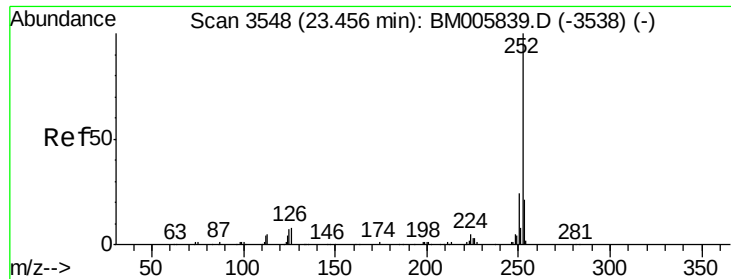
Tgt Ion:252 Resp: 63914
Ion Ratio Lower Upper
252 100
253 22.7 17.1 25.7
125 8.2 4.9 7.3#



#36
Benzo(k)fluoranthene
Concen: 4.67 ng/ul
RT: 22.89 min Scan# 3451
Delta R.T. -0.04 min
Lab File: BM005840.D
Acq: 16 Jun 2016 22:38

Tgt Ion:252 Resp: 63914
Ion Ratio Lower Upper
252 100
253 22.7 17.5 26.3
125 8.2 4.8 7.2#





#38

Benzo(a)pyrene

Concen: 3.04 ng/ul

RT: 23.46 min Scan# 3548

Delta R.T. -0.00 min

Lab File: BM005840.D

Acq: 16 Jun 2016 22:38

Instrument :

BNA_M

ClientSampleId :

D9Y06

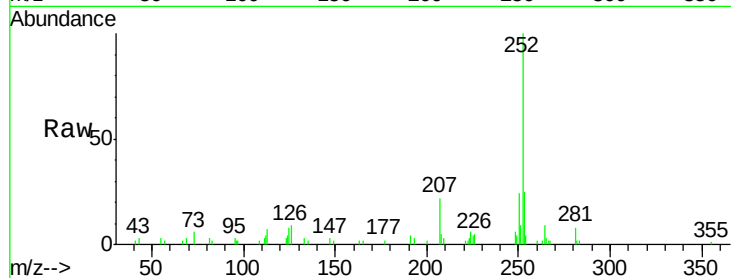
Tgt Ion:252 Resp: 42276

Ion Ratio Lower Upper

252 100

253 25.3 18.0 27.0

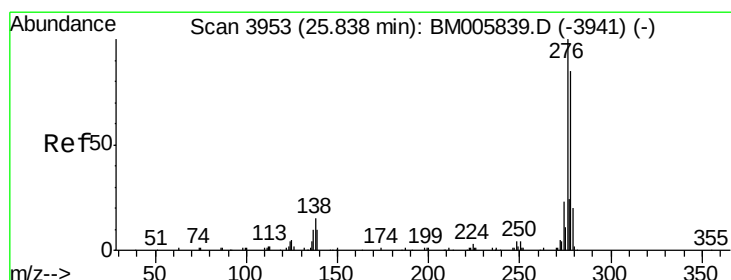
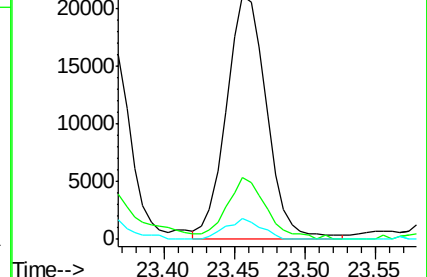
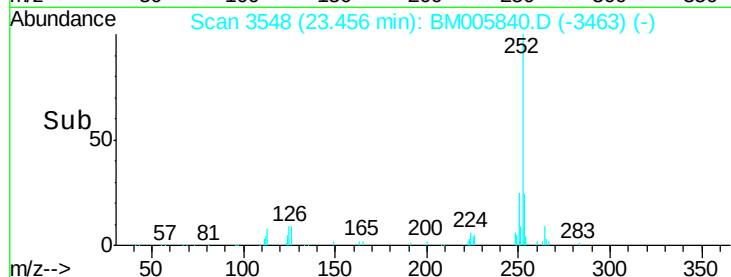
125 8.5 5.1 7.7#



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



#39

Indeno(1,2,3-cd)pyrene

Concen: 1.90 ng/ul

RT: 25.84 min Scan# 3954

Delta R.T. 0.01 min

Lab File: BM005840.D

Acq: 16 Jun 2016 22:38

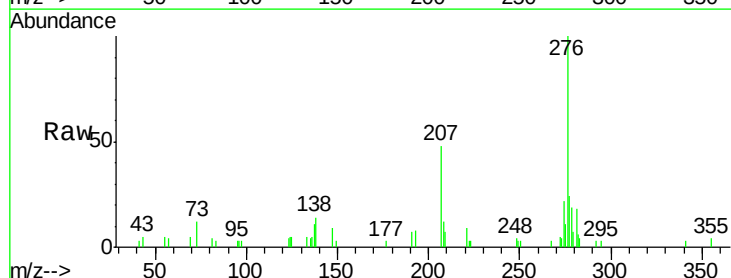
Tgt Ion:276 Resp: 32366

Ion Ratio Lower Upper

276 100

138 13.9 11.9 17.9

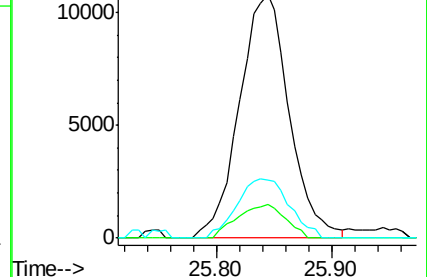
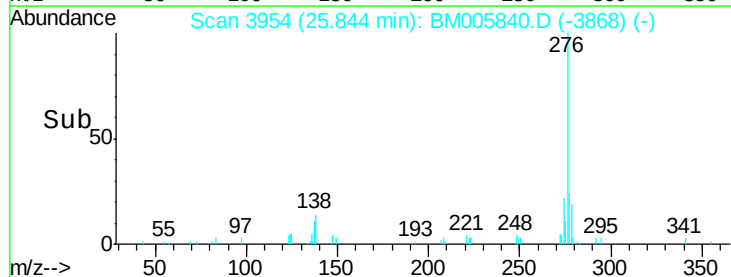
277 23.9 21.0 31.6

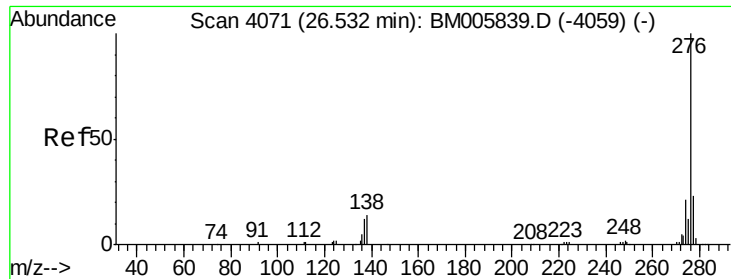


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#41

Benzo(g,h,i)perylene

Concen: 2.02 ng/ul

RT: 26.54 min Scan# 4073

Delta R.T. 0.01 min

Lab File: BM005840.D

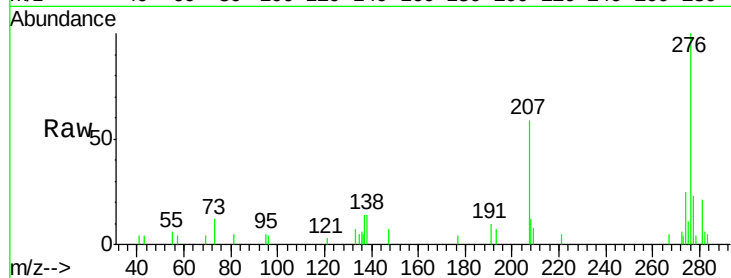
Acq: 16 Jun 2016 22:38

Instrument :

BNA_M

ClientSampleId :

D9Y06



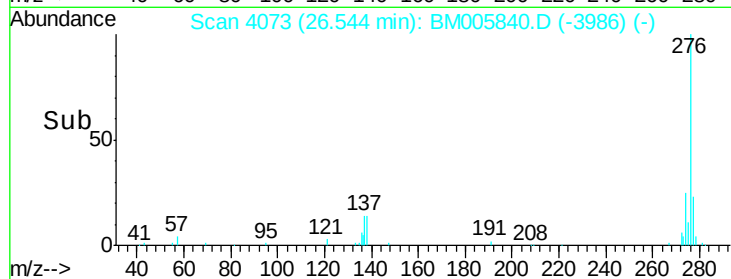
Tgt Ion: 276 Resp: 29267

Ion Ratio Lower Upper

276 100

138 13.8 10.6 15.8

277 23.0 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

