

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053015\
 Data File : BM001480.D
 Acq On : 30 May 2015 18:13
 Operator : TP/IZ
 Sample : G2411-13RE
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BCRC4RE

Quant Time: May 31 02:21:01 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun May 31 02:16:14 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	184978	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	749341	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.06	164	404666	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.82	188	776800	20.00	ng/ul	0.00
75) Chrysene-d12	21.02	240	762325	20.00	ng/ul	0.00
83) Perylene-d12	23.11	264	684977	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.80	96	14195	3.83	ng/uL	0.00
5) Phenol-d5	6.58	99	309285	22.54	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.72	67	190031	22.27	ng/ul	0.00
9) 2-Chlorophenol-d4	6.91	132	268478	24.04	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	192827	16.70	ng/ul	0.00
19) Nitrobenzene-d5	8.53	128	123508	25.31	ng/ul	0.00
22) 2-Nitrophenol-d4	9.26	143	146214	26.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	260461	23.39	ng/ul	0.00
29) 4-Chloroaniline-d4	10.31	131	157520	12.04	ng/ul	0.00
43) Dimethylphthalate-d6	13.49	166	694066	24.46	ng/ul	0.00
46) Acenaphthylene-d8	13.75	160	954045	24.69	ng/ul	0.00
51) 4-Nitrophenol-d4	14.31	143	111393	19.25	ng/ul	0.00
57) Fluorene-d10	15.07	176	641442	22.66	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.21	200	55866	11.69	ng/ul	0.00
70) Anthracene-d10	16.92	188	827717	23.12	ng/ul	0.00
76) Pyrene-d10	19.22	212	909252	27.43	ng/ul	0.00
87) Benzo(a)pyrene-d12	22.99	264	746338	24.64	ng/ul	0.00

Target Compounds

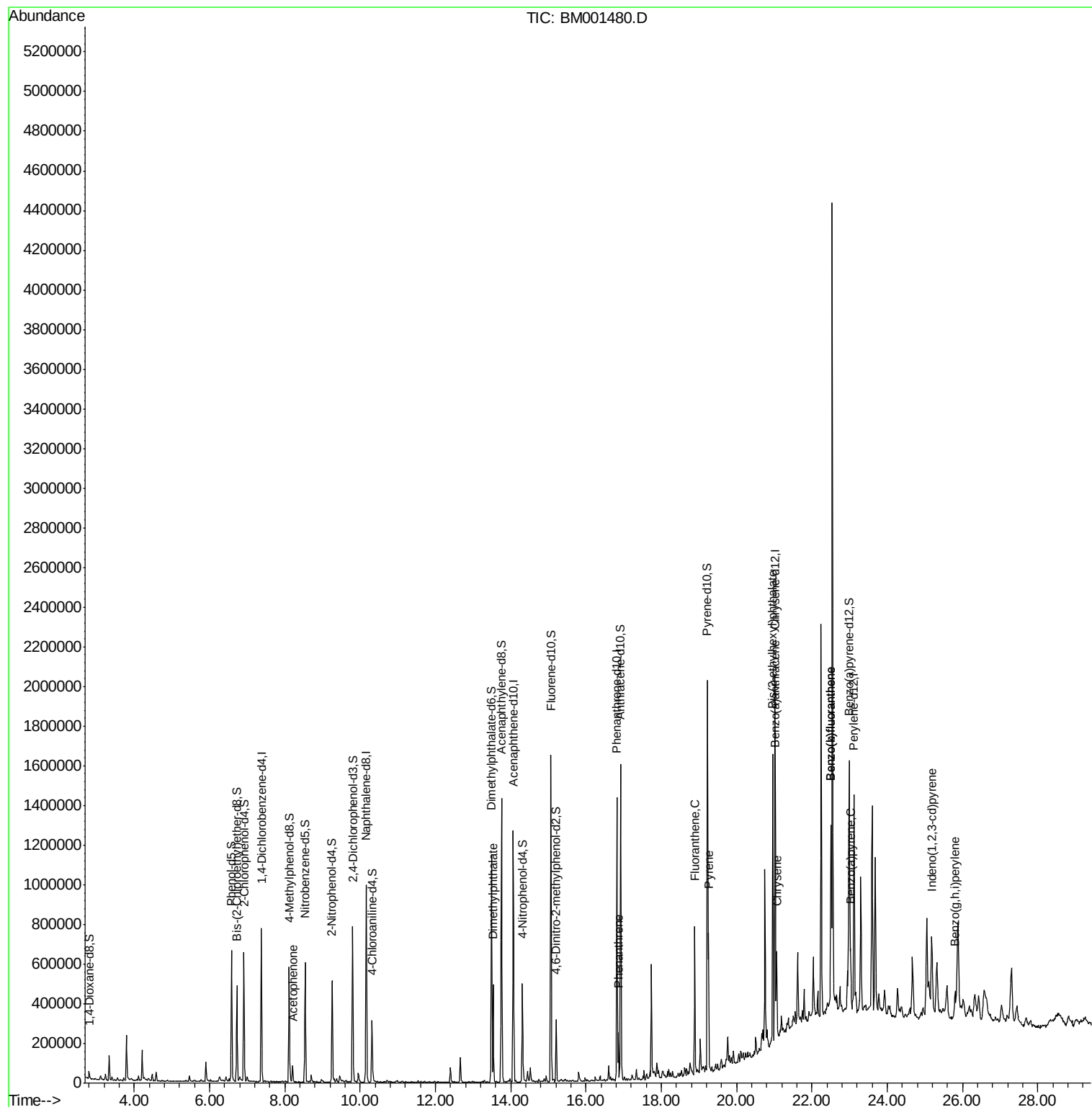
						Qvalue
14) Acetophenone	8.20	105	38814	2.06	ng/ul	96
44) Dimethylphthalate	13.53	163	298008	9.30	ng/ul	98
69) Phenanthrene	16.86	178	135143	3.12	ng/ul	98
74) Fluoranthene	18.89	202	405927	7.75	ng/ul	98
77) Pyrene	19.25	202	375272	8.23	ng/ul	98
80) Benzo(a)anthracene	21.01	228	200036	4.49	ng/ul	96
81) Bis(2-ethylhexyl)phthalate	20.96	149	456858	16.07	ng/ul	99
82) Chrysene	21.06	228	207118	4.94	ng/ul	97
85) Benzo(b)fluoranthene	22.50	252	259008	6.18	ng/ul#	95
86) Benzo(k)fluoranthene	22.50	252	118419	2.95	ng/ul#	94
88) Benzo(a)pyrene	23.03	252	168490	4.28	ng/ul	96
89) Indeno(1,2,3-cd)pyrene	25.17	276	121483	2.93	ng/ul#	92
91) Benzo(g,h,i)perylene	25.80	276	119055	3.48	ng/ul	96

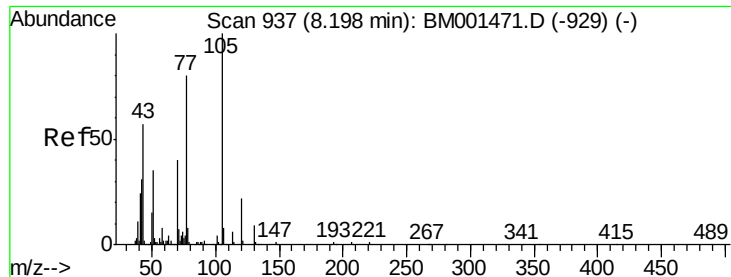
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sun May 31 02:16:14 2015
Response via : Initial Calibration





#14

Acetophenone

Concen: 2.06 ng/ul

RT: 8.20 min Scan# 938

Delta R.T. 0.01 min

Lab File: BM001480.D

Acq: 30 May 2015 18:13

Instrument :

BNA_M

ClientSampleId :

BCRC4RE

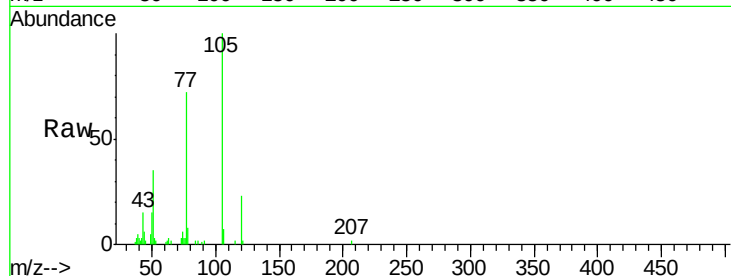
Tgt Ion:105 Resp: 38814

Ion Ratio Lower Upper

105 100

77 72.5 61.6 92.4

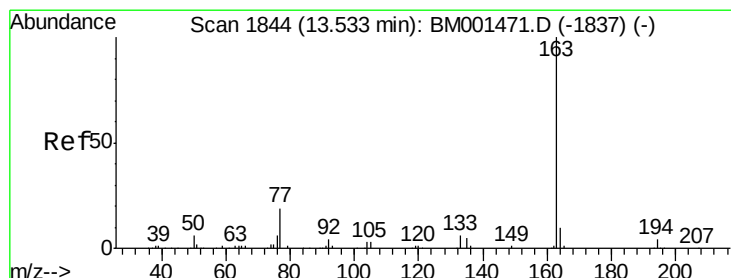
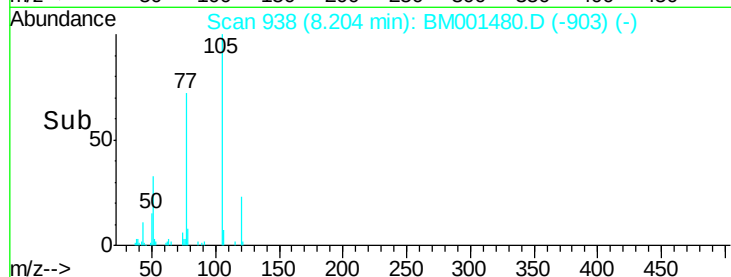
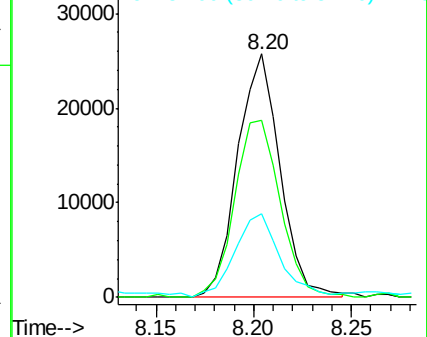
51 34.5 27.5 41.3



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 51.00 (50.70 to 51.70): BM0



#44

Dimethylphthalate

Concen: 9.30 ng/ul

RT: 13.53 min Scan# 1844

Delta R.T. -0.00 min

Lab File: BM001480.D

Acq: 30 May 2015 18:13

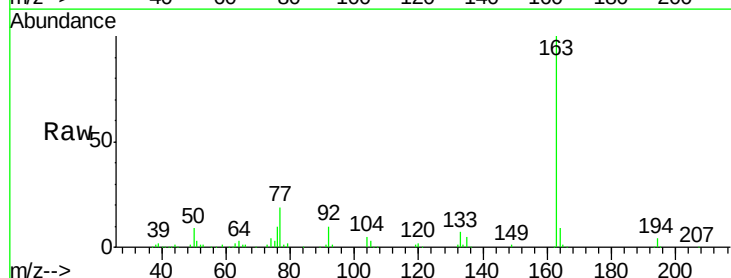
Tgt Ion:163 Resp: 298008

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

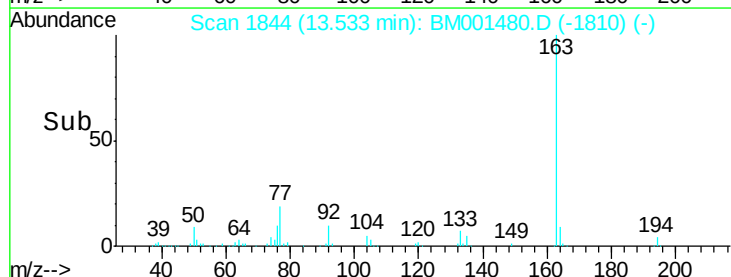
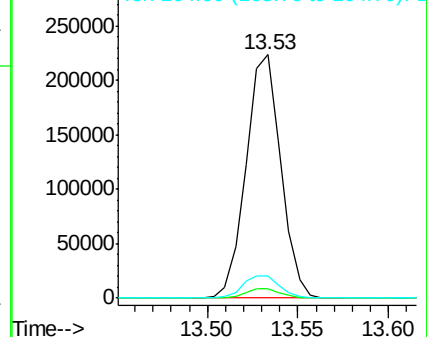
164 9.2 8.2 12.4

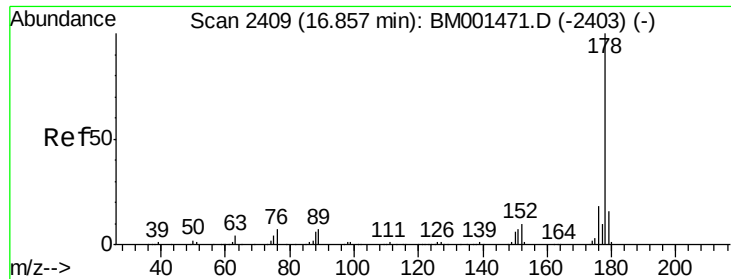


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#69

Phenanthrene

Concen: 3.12 ng/ul

RT: 16.86 min Scan# 2409

Delta R.T. -0.00 min

Lab File: BM001480.D

Acq: 30 May 2015 18:13

Instrument :

BNA_M

ClientSampleId :

BCRC4RE

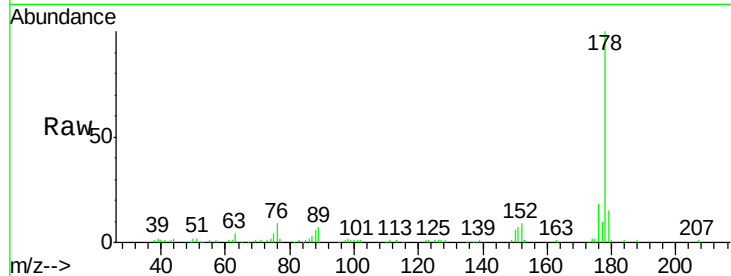
Tgt Ion:178 Resp: 135143

Ion Ratio Lower Upper

178 100

179 14.7 11.9 17.9

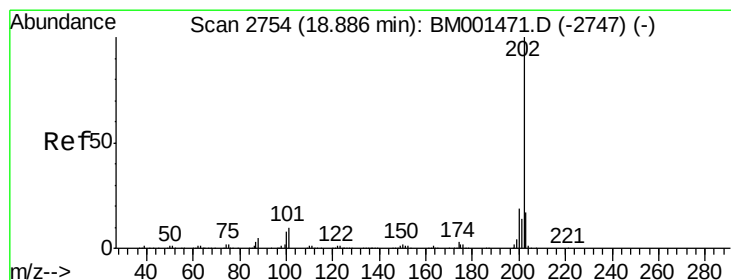
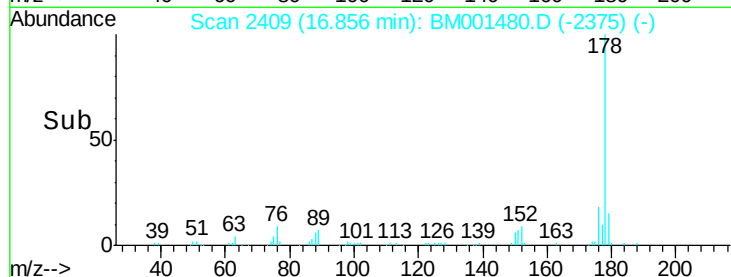
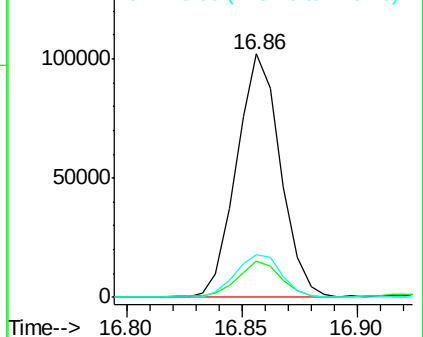
176 17.6 15.0 22.4



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



#74

Fluoranthene

Concen: 7.75 ng/ul

RT: 18.89 min Scan# 2754

Delta R.T. -0.00 min

Lab File: BM001480.D

Acq: 30 May 2015 18:13

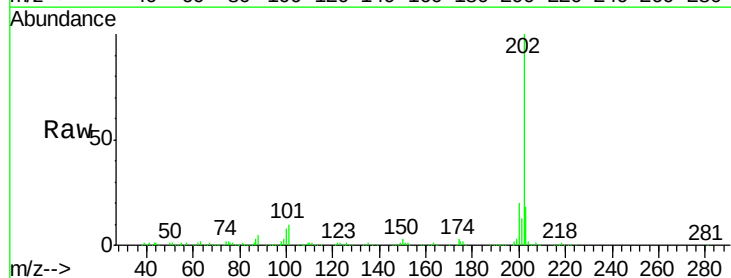
Tgt Ion:202 Resp: 405927

Ion Ratio Lower Upper

202 100

101 9.6 8.6 12.8

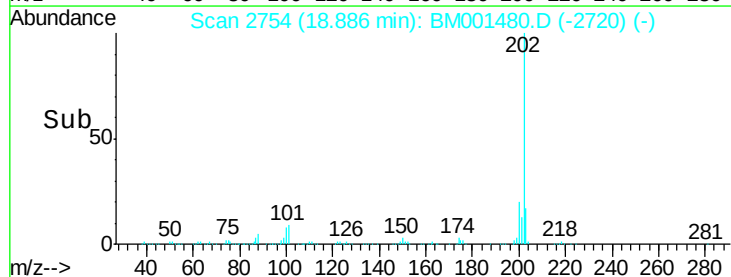
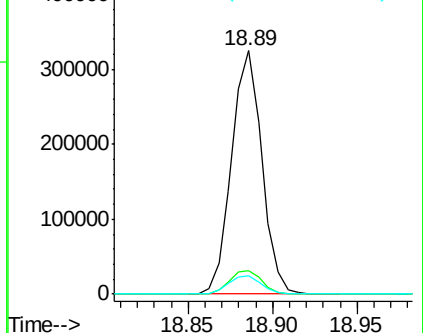
100 7.7 6.5 9.7

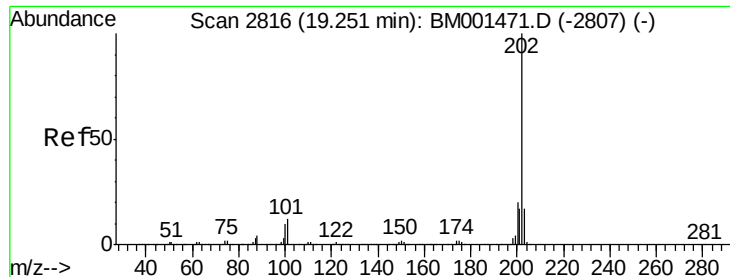


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pyrene

Concen: 8.23 ng/ul

RT: 19.25 min Scan# 2816

Delta R.T. -0.00 min

Lab File: BM001480.D

Acq: 30 May 2015 18:13

Instrument :

BNA_M

ClientSampleId :

BCRC4RE

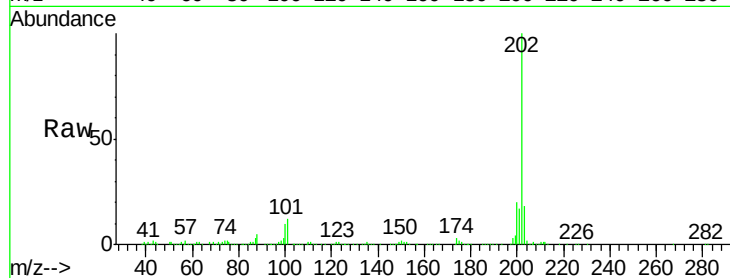
Tgt Ion:202 Resp: 375272

Ion Ratio Lower Upper

202 100

101 11.6 10.3 15.5

100 10.4 8.6 12.8



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

400000

300000

200000

100000

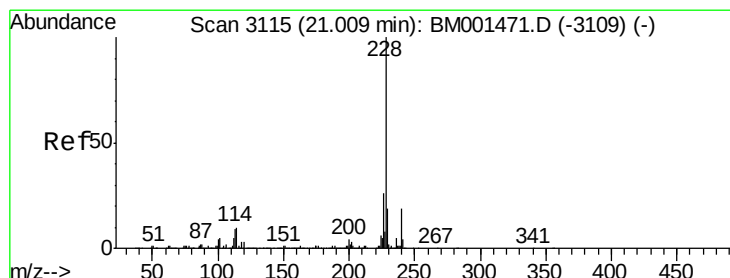
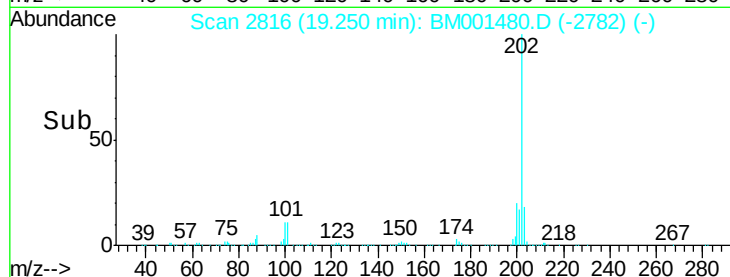
0

19.25

19.20

19.30

Time-->



#80

Benzo(a)anthracene

Concen: 4.49 ng/ul

RT: 21.01 min Scan# 3115

Delta R.T. -0.00 min

Lab File: BM001480.D

Acq: 30 May 2015 18:13

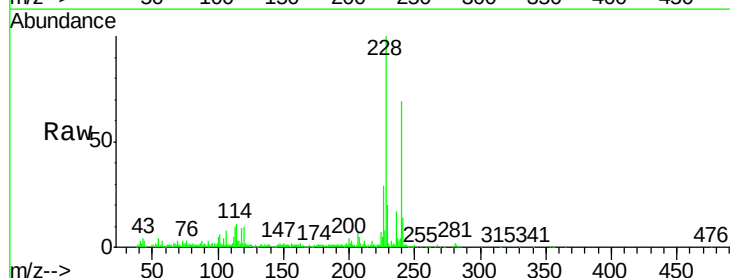
Tgt Ion:228 Resp: 200036

Ion Ratio Lower Upper

228 100

229 19.6 15.8 23.8

226 29.0 20.6 30.8



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

200000

150000

100000

50000

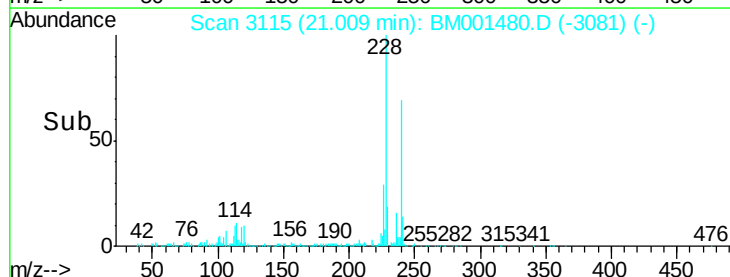
0

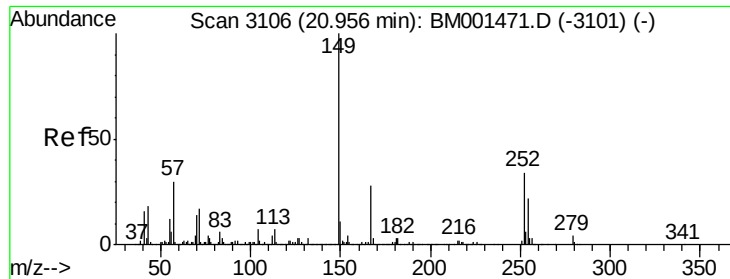
21.01

20.95

21.00

Time-->

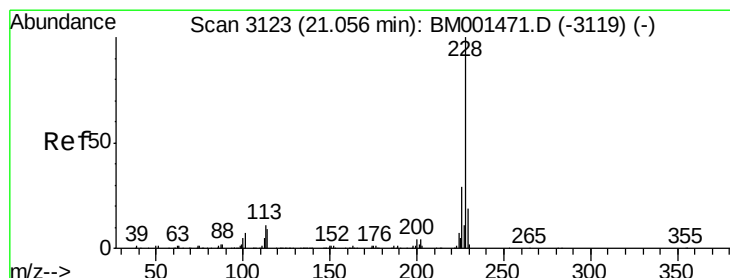
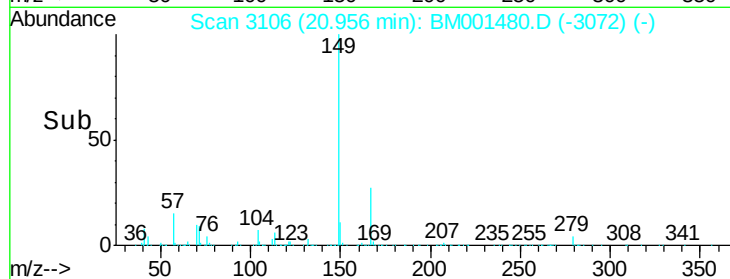
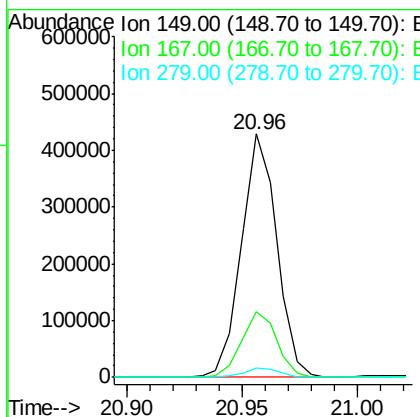
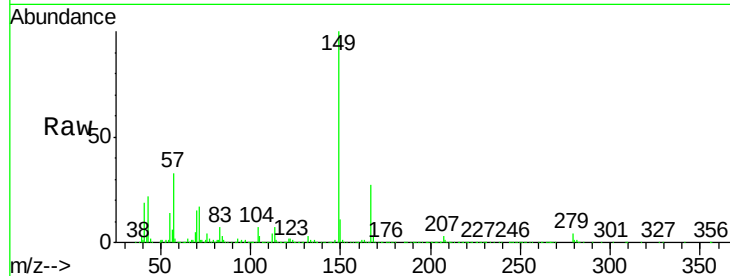




#81
 Bis(2-ethylhexyl)phthalate
 Concen: 16.07 ng/ul
 RT: 20.96 min Scan# 3106
 Delta R.T. -0.00 min
 Lab File: BM001480.D
 Acq: 30 May 2015 18:13

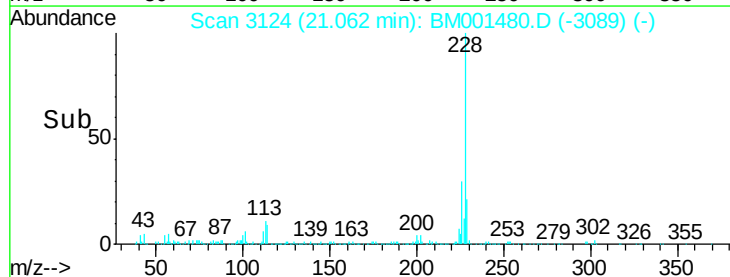
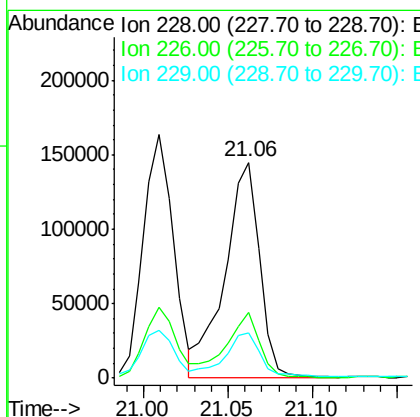
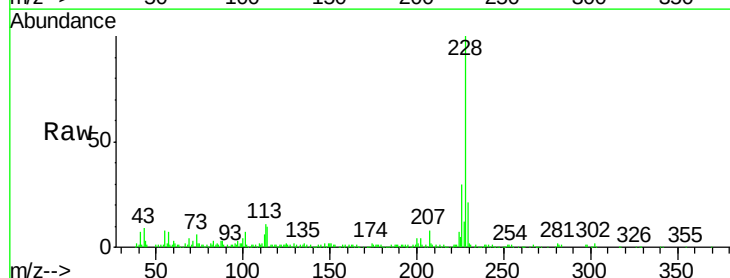
Instrument :
 BNA_M
 ClientSampleId :
 BCRC4RE

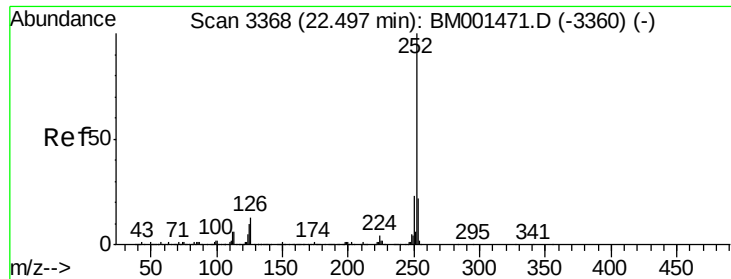
Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.2	31.8
279	3.8	3.1	4.7



#82
 Chrysene
 Concen: 4.94 ng/ul
 RT: 21.06 min Scan# 3124
 Delta R.T. 0.01 min
 Lab File: BM001480.D
 Acq: 30 May 2015 18:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.0	34.4
229	21.2	15.7	23.5

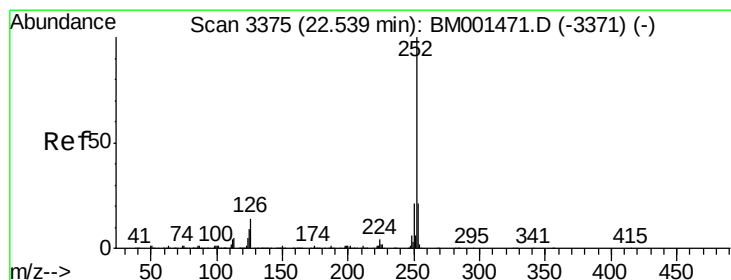
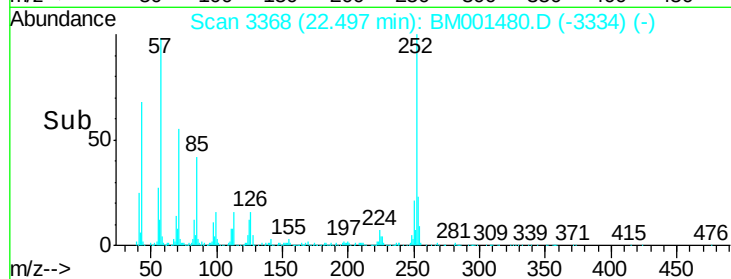
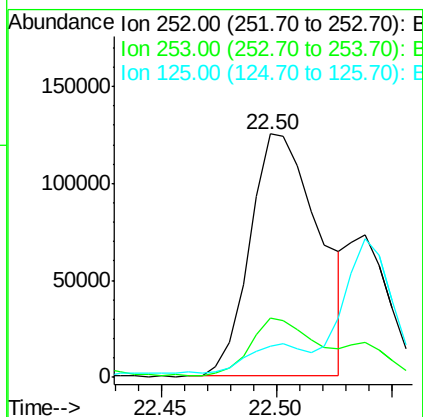
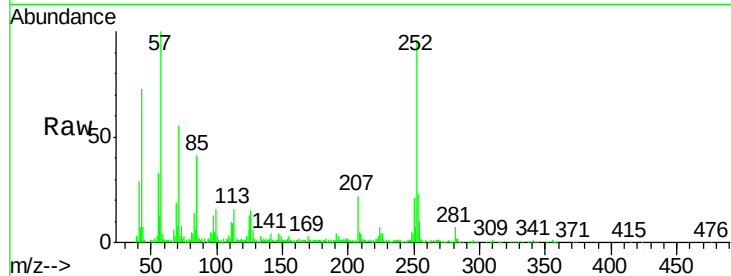




#85
Benzo(b)fluoranthene
Concen: 6.18 ng/ul
RT: 22.50 min Scan# 3368
Delta R.T. -0.00 min
Lab File: BM001480.D
Acq: 30 May 2015 18:13

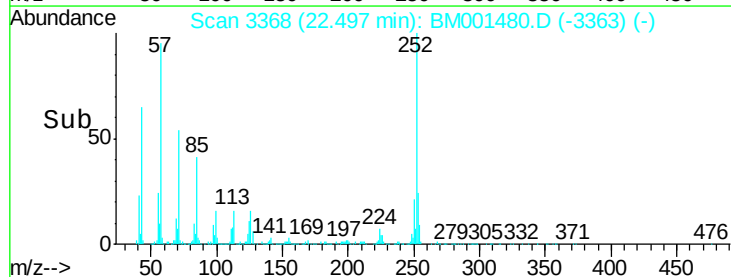
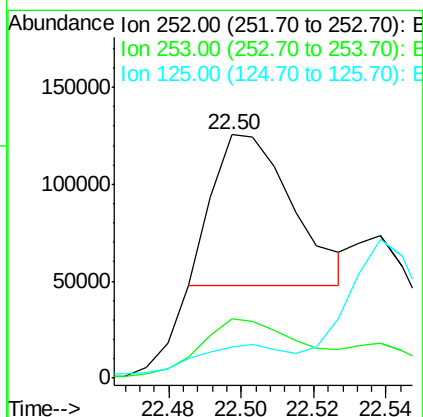
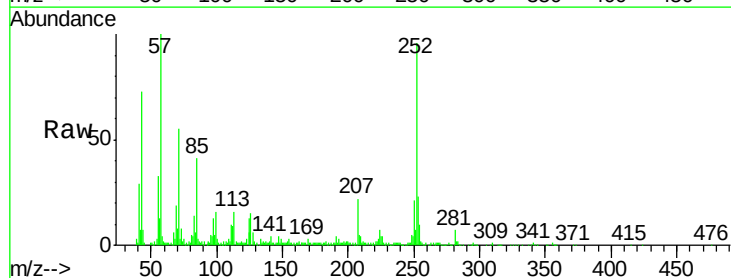
Instrument :
BNA_M
ClientSampleId :
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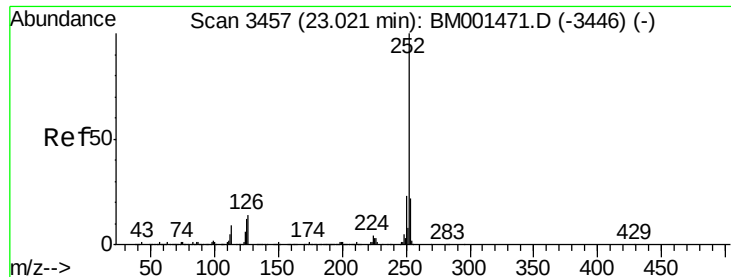
Tgt Ion:252 Resp: 259008
Ion Ratio Lower Upper
252 100
253 24.4 18.0 27.0
125 13.0 8.6 12.8#



#86
Benzo(k)fluoranthene
Concen: 2.95 ng/ul
RT: 22.50 min Scan# 3368
Delta R.T. -0.04 min
Lab File: BM001480.D
Acq: 30 May 2015 18:13

Tgt Ion:252 Resp: 118419
Ion Ratio Lower Upper
252 100
253 24.4 17.4 26.0
125 13.0 8.6 13.0#





#88

Benzo(a)pyrene

Concen: 4.28 ng/ul

RT: 23.03 min Scan# 3458

Delta R.T. 0.01 min

Lab File: BM001480.D

Acq: 30 May 2015 18:13

Instrument :

BNA_M

ClientSampleId :

BCRC4RE

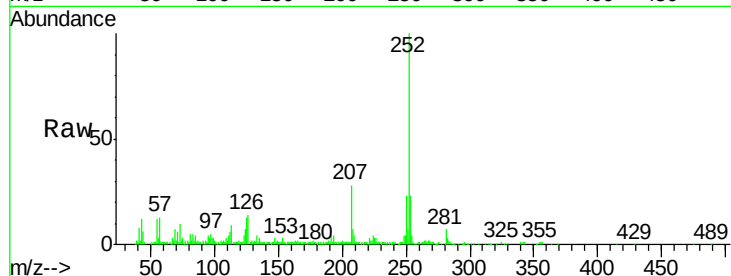
Tgt Ion:252 Resp: 168490

Ion Ratio Lower Upper

252 100

253 22.9 17.0 25.4

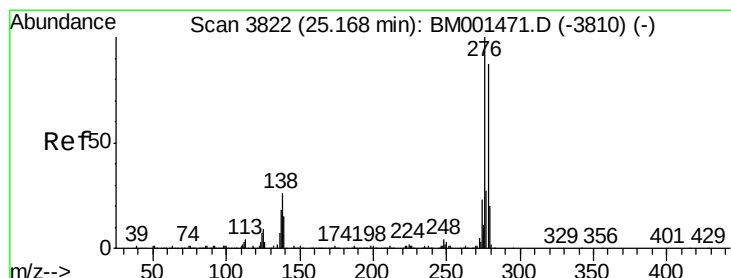
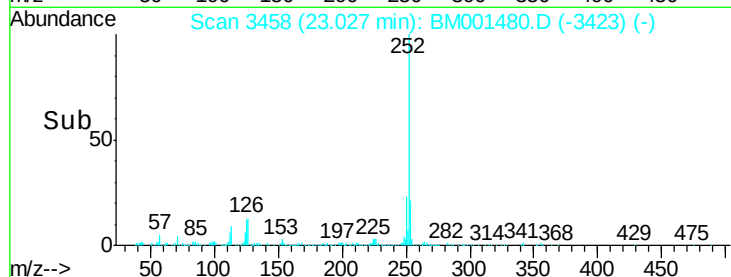
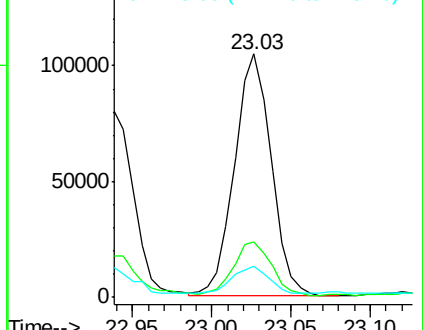
125 12.8 8.8 13.2



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



#89

Indeno(1,2,3-cd)pyrene

Concen: 2.93 ng/ul

RT: 25.17 min Scan# 3823

Delta R.T. 0.01 min

Lab File: BM001480.D

Acq: 30 May 2015 18:13

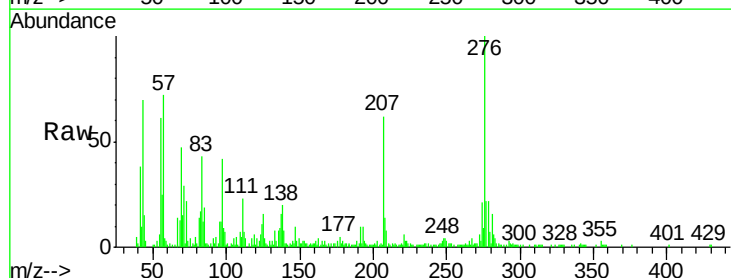
Tgt Ion:276 Resp: 121483

Ion Ratio Lower Upper

276 100

138 19.8 20.6 31.0#

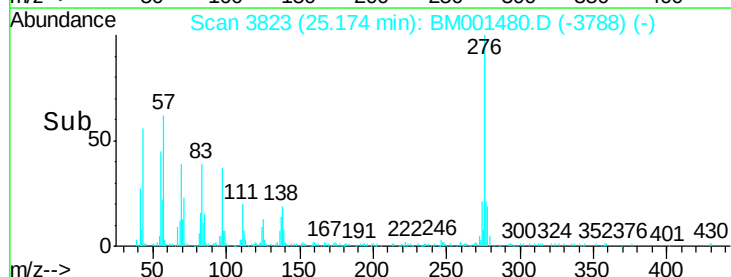
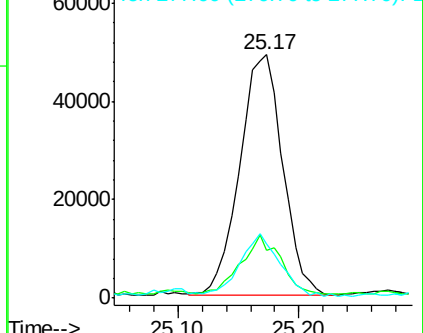
277 22.0 19.2 28.8

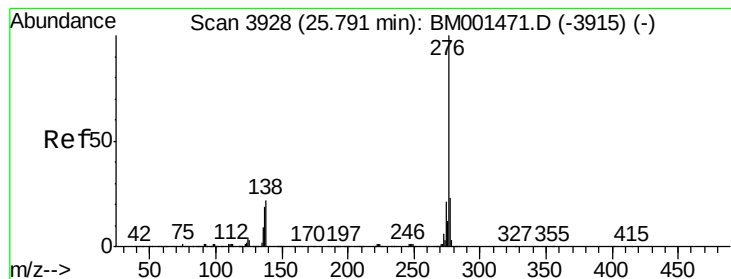


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#91

Benzo(g,h,i)perylene

Concen: 3.48 ng/ul

RT: 25.80 min Scan# 3929

Delta R.T. 0.01 min

Lab File: BM001480.D

Acq: 30 May 2015 18:13

Instrument :

BNA_M

ClientSampleId :

BCRC4RE

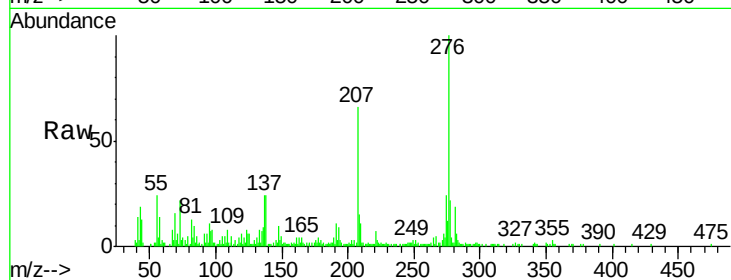
Tgt Ion: 276 Resp: 119055

Ion Ratio Lower Upper

276 100

138 23.8 17.9 26.9

277 21.9 19.7 29.5



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

