

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053015\
 Data File : BM001484.D
 Acq On : 30 May 2015 20:39
 Operator : TP/IZ
 Sample : G2411-20RE
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BCRD1RE

Quant Time: May 31 02:21:48 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	175361	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	732880	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.06	164	404873	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.82	188	793730	20.00	ng/ul	0.00
75) Chrysene-d12	21.02	240	752703	20.00	ng/ul	0.00
83) Perylene-d12	23.12	264	685797	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.80	96	13763	3.92	ng/uL	0.00
5) Phenol-d5	6.59	99	350232	26.93	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.72	67	210515	26.02	ng/ul	0.00
9) 2-Chlorophenol-d4	6.92	132	298151	28.16	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	292588	26.72	ng/ul	0.00
19) Nitrobenzene-d5	8.53	128	138026	28.92	ng/ul	0.00
22) 2-Nitrophenol-d4	9.26	143	162107	29.80	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	299263	27.48	ng/ul	0.01
29) 4-Chloroaniline-d4	10.32	131	272449	21.29	ng/ul	0.00
43) Dimethylphthalate-d6	13.49	166	782090	27.55	ng/ul	0.00
46) Acenaphthylene-d8	13.75	160	1094918	28.32	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	141266	24.40	ng/ul	0.01
57) Fluorene-d10	15.07	176	739528	26.11	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.21	200	65538	13.42	ng/ul	0.00
70) Anthracene-d10	16.92	188	1014727	27.73	ng/ul	0.00
76) Pyrene-d10	19.22	212	1044900	31.92	ng/ul	0.00
87) Benzo(a)pyrene-d12	22.98	264	812591	26.80	ng/ul	0.00

Target Compounds

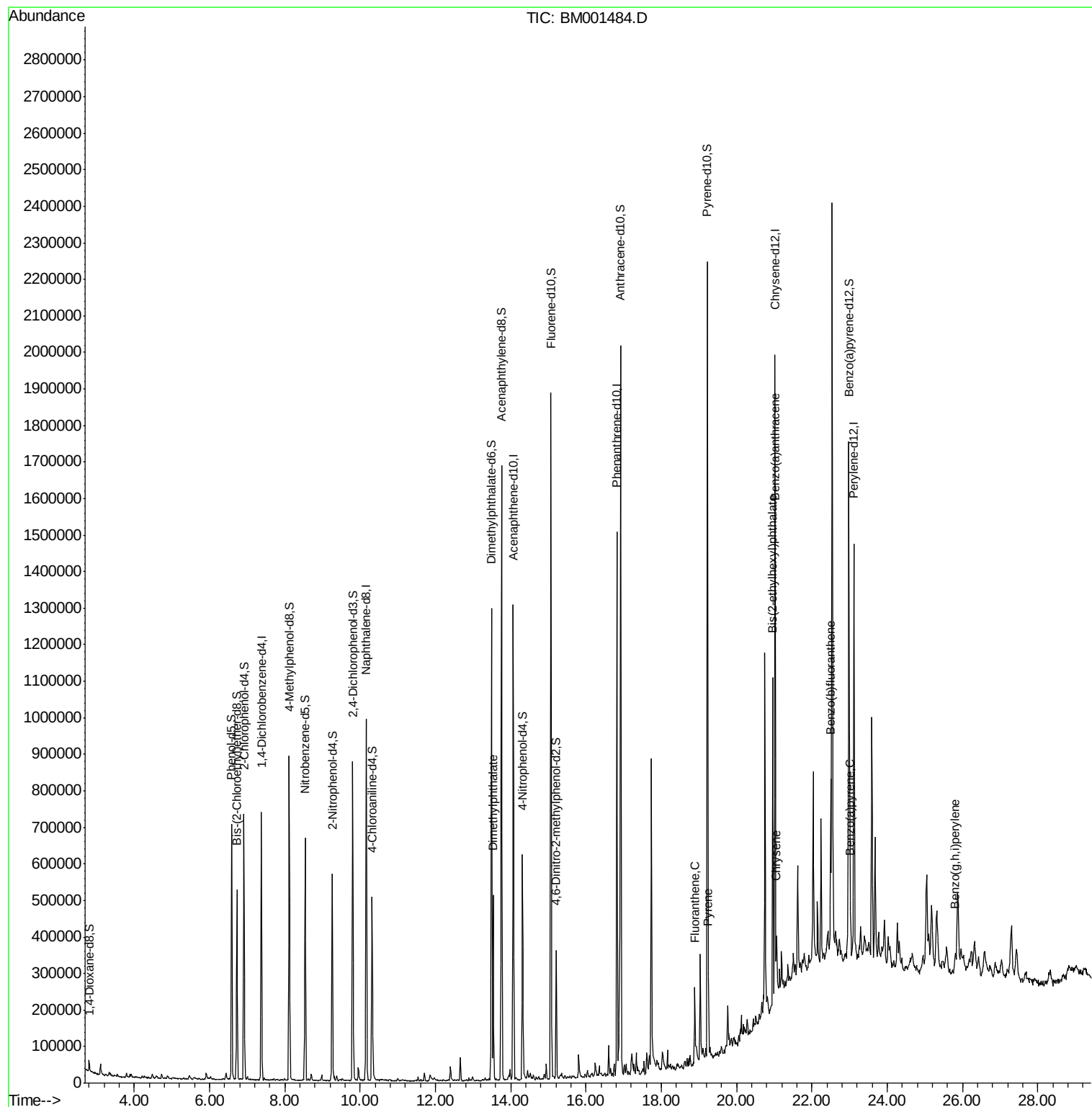
						Qvalue
44) Dimethylphthalate	13.53	163	301275	9.40	ng/ul	99
74) Fluoranthene	18.89	202	110598	2.07	ng/ul	98
77) Pyrene	19.25	202	106966	2.38	ng/ul	99
80) Benzo(a)anthracene	21.01	228	51544	1.17	ng/ul	95
81) Bis(2-ethylhexyl)phthalate	20.96	149	280806	10.01	ng/ul	99
82) Chrysene	21.06	228	62265	1.50	ng/ul	98
85) Benzo(b)fluoranthene	22.50	252	82891	1.97	ng/ul#	89
88) Benzo(a)pyrene	23.02	252	60174	1.53	ng/ul#	96
91) Benzo(g,h,i)perylene	25.79	276	40925	1.20	ng/ul#	92

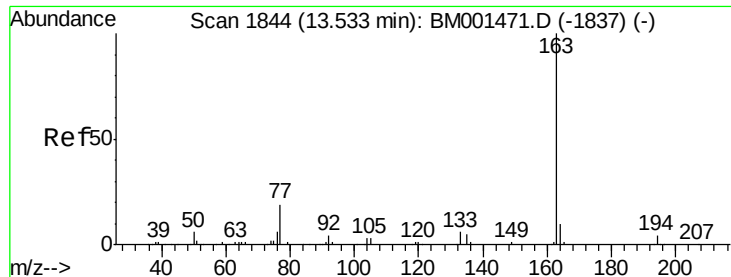
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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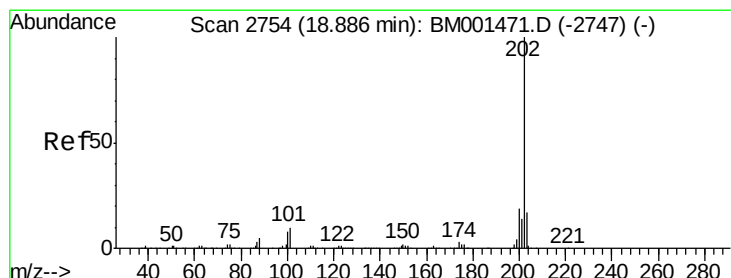
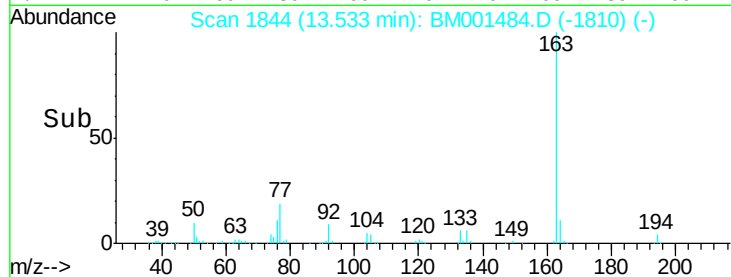
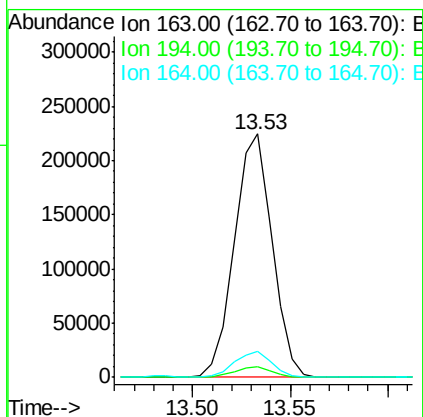
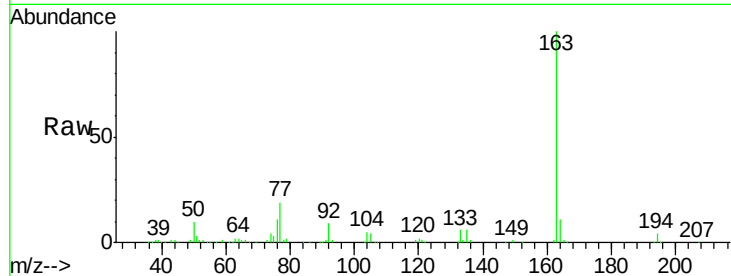




#44
Dimethylphthalate
Concen: 9.40 ng/ul
RT: 13.53 min Scan# 1844
Delta R.T. 0.00 min
Lab File: BM001484.D
Acq: 30 May 2015 20:39

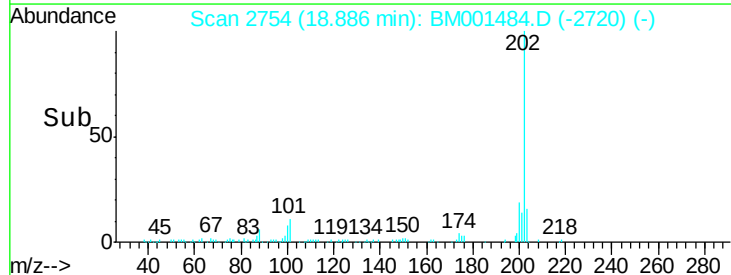
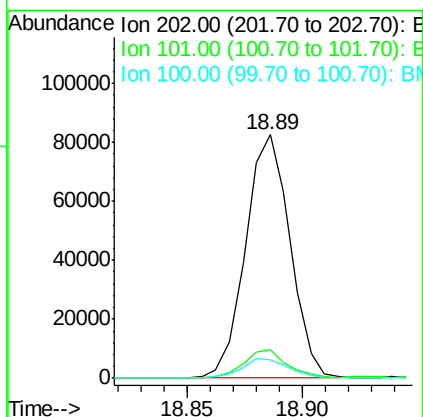
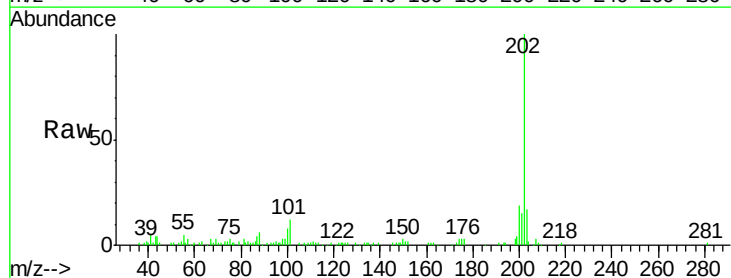
Instrument :
BNA_M
ClientSampleId :
BCRD1RE

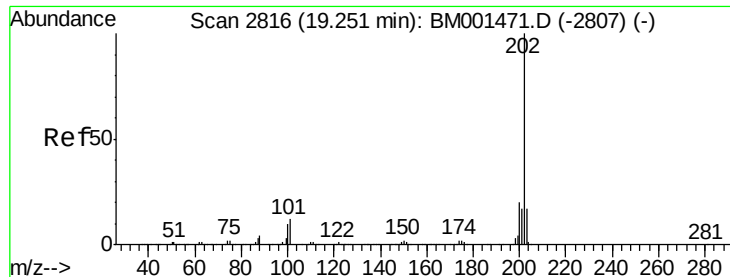
Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.0	4.6
164	10.6	8.2	12.4



#74
Fluoranthene
Concen: 2.07 ng/ul
RT: 18.89 min Scan# 2754
Delta R.T. 0.00 min
Lab File: BM001484.D
Acq: 30 May 2015 20:39

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.6	8.6	12.8
100	7.6	6.5	9.7





#77

Pyrene

Concen: 2.38 ng/ul

RT: 19.25 min Scan# 2816

Delta R.T. 0.00 min

Lab File: BM001484.D

Acq: 30 May 2015 20:39

Instrument :

BNA_M

ClientSampleId :

BCRD1RE

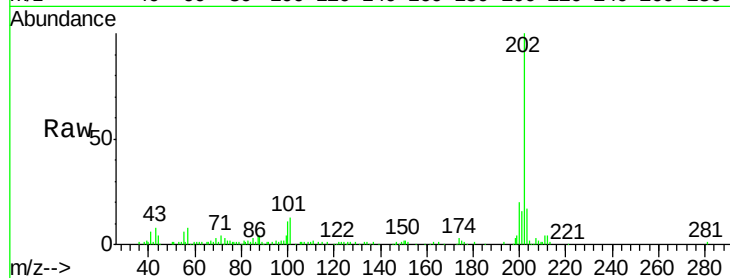
Tgt Ion:202 Resp: 106966

Ion Ratio Lower Upper

202 100

101 13.3 10.3 15.5

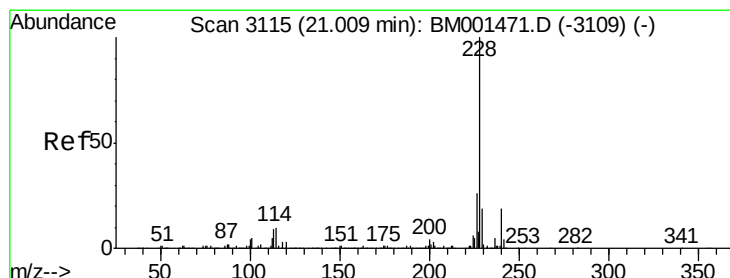
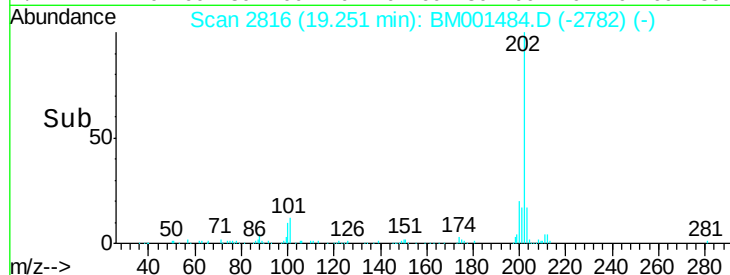
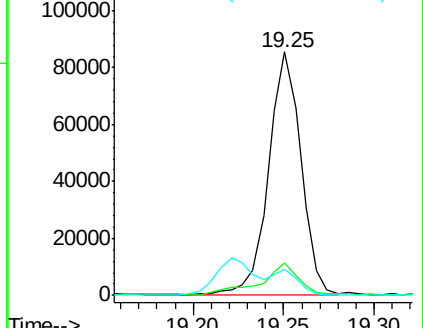
100 10.5 8.6 12.8



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



#80

Benzo(a)anthracene

Concen: 1.17 ng/ul

RT: 21.01 min Scan# 3115

Delta R.T. 0.00 min

Lab File: BM001484.D

Acq: 30 May 2015 20:39

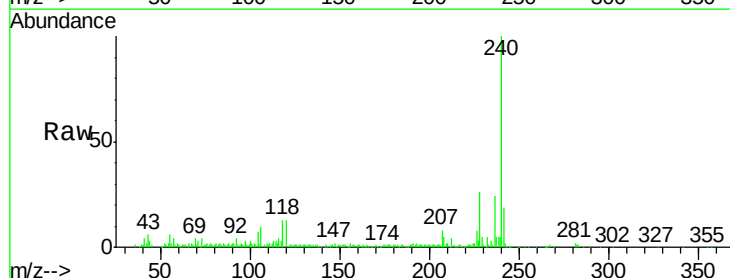
Tgt Ion:228 Resp: 51544

Ion Ratio Lower Upper

228 100

229 19.4 15.8 23.8

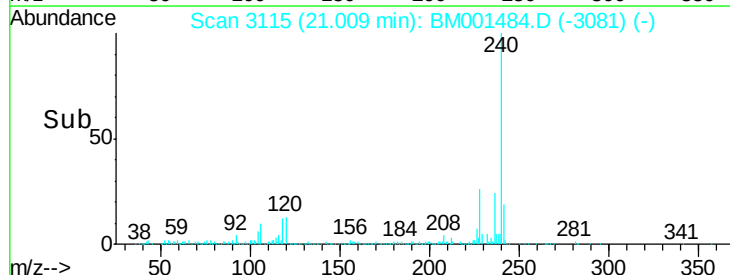
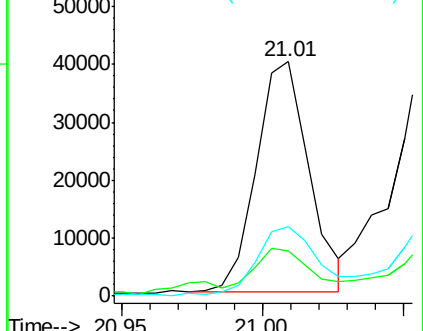
226 29.7 20.6 30.8

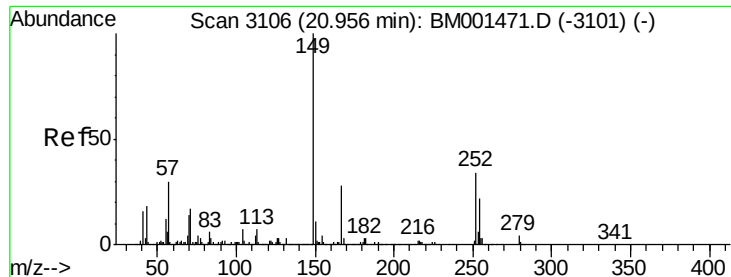


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

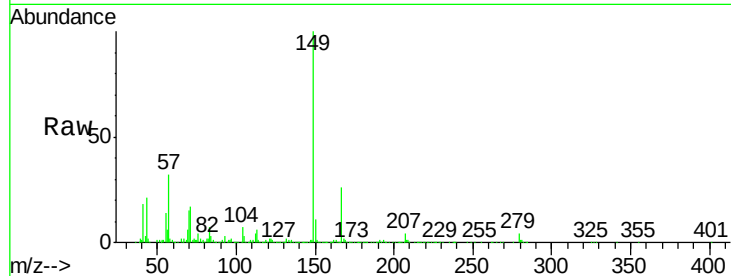




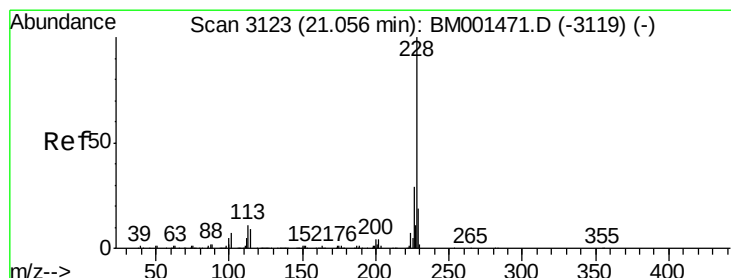
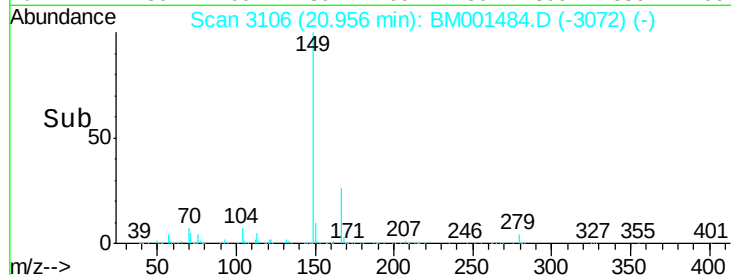
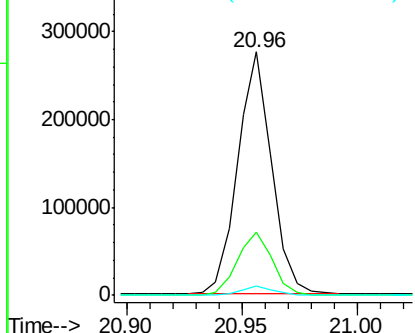
#81
 Bis(2-ethylhexyl)phthalate
 Concen: 10.01 ng/ul
 RT: 20.96 min Scan# 3106
 Delta R.T. 0.00 min
 Lab File: BM001484.D
 Acq: 30 May 2015 20:39

Instrument :
 BNA_M
 ClientSampleId :
 BCRD1RE

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.1	21.2	31.8
279	3.9	3.1	4.7

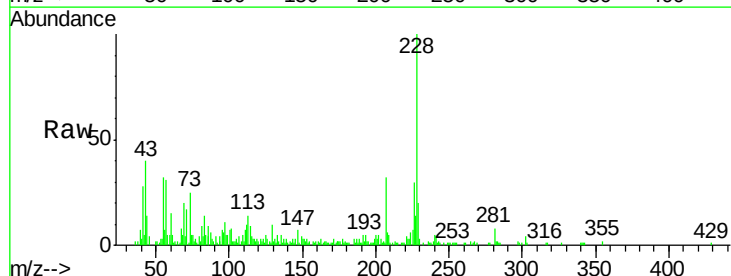


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

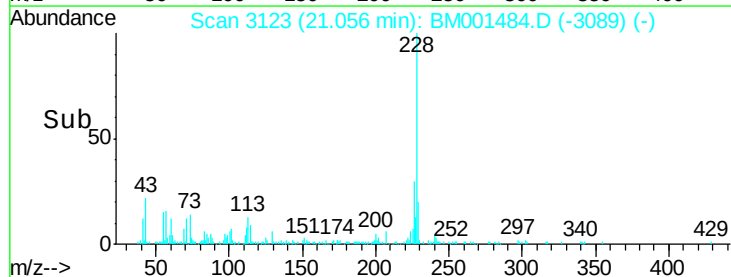
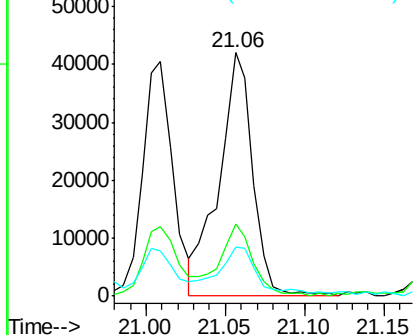


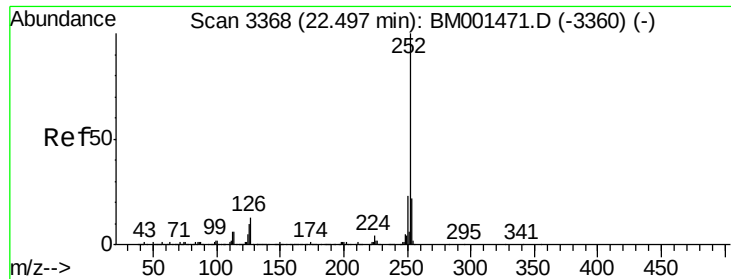
#82
 Chrysene
 Concen: 1.50 ng/ul
 RT: 21.06 min Scan# 3123
 Delta R.T. 0.00 min
 Lab File: BM001484.D
 Acq: 30 May 2015 20:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.0	34.4
229	20.4	15.7	23.5



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





#85

Benzo(b)fluoranthene

Concen: 1.97 ng/ul

RT: 22.50 min Scan# 3368

Delta R.T. 0.00 min

Lab File: BM001484.D

Acq: 30 May 2015 20:39

Instrument :

BNA_M

ClientSampleId :

BCRD1RE

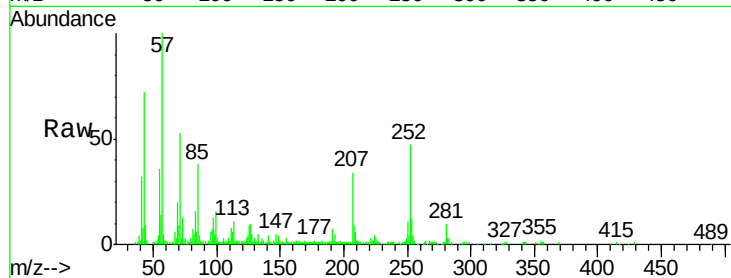
Tgt Ion:252 Resp: 82891

Ion Ratio Lower Upper

252 100

253 25.4 18.0 27.0

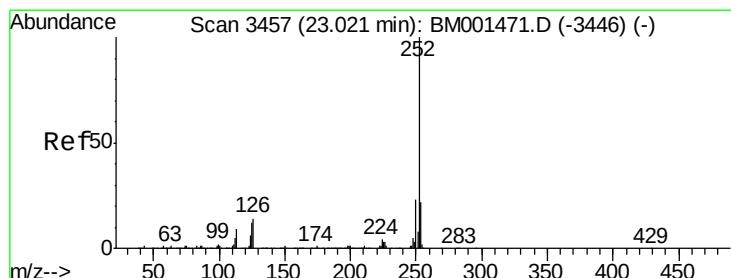
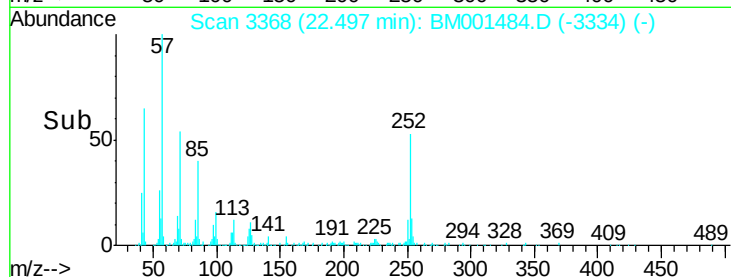
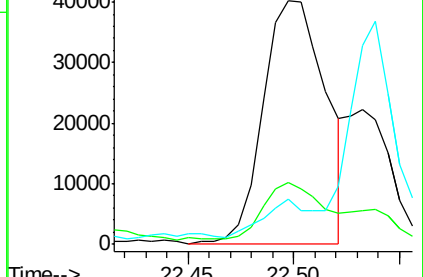
125 18.5 8.6 12.8#



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



#88

Benzo(a)pyrene

Concen: 1.53 ng/ul

RT: 23.02 min Scan# 3457

Delta R.T. 0.00 min

Lab File: BM001484.D

Acq: 30 May 2015 20:39

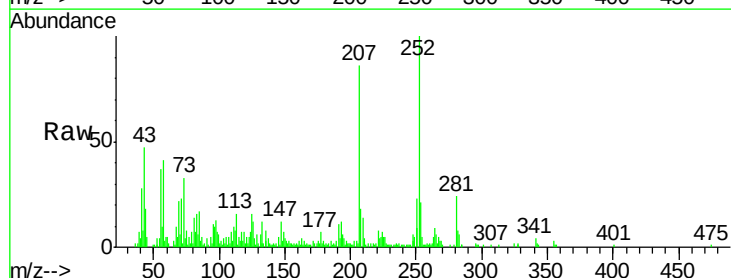
Tgt Ion:252 Resp: 60174

Ion Ratio Lower Upper

252 100

253 21.2 17.0 25.4

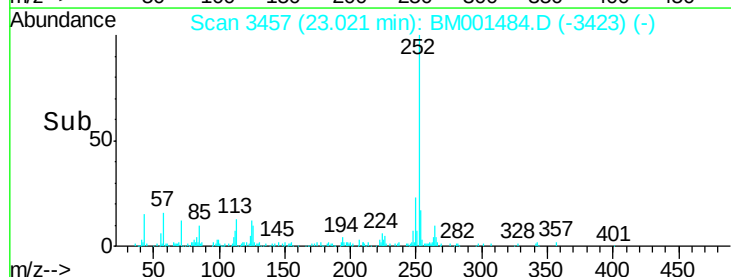
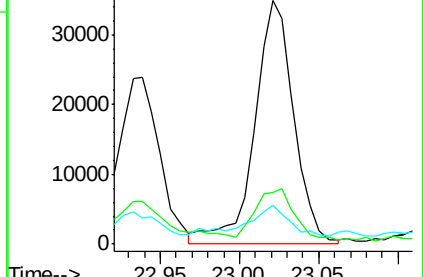
125 15.9 8.8 13.2#

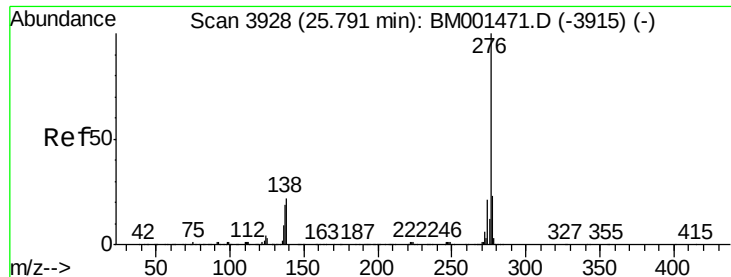


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(g,h,i)perylene

Concen: 1.20 ng/ul

RT: 25.79 min Scan# 3928

Delta R.T. 0.00 min

Lab File: BM001484.D

Acq: 30 May 2015 20:39

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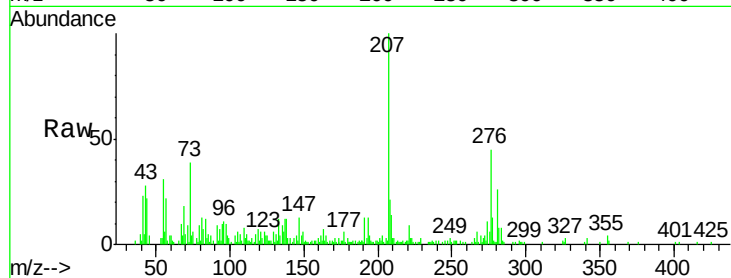
Tgt Ion: 276 Resp: 40925

Ion Ratio Lower Upper

276 100

138 27.0 17.9 26.9#

277 28.3 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

