

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053015\
 Data File : BM001483.D
 Acq On : 30 May 2015 20:02
 Operator : TP/IZ
 Sample : G2411-19RE
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BCRD0RE

Quant Time: May 31 02:21:37 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	186263	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	777951	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.06	164	427085	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.82	188	847759	20.00	ng/ul	0.00
75) Chrysene-d12	21.03	240	782372	20.00	ng/ul	0.00
83) Perylene-d12	23.12	264	704849	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.80	96	12592	3.37	ng/uL	0.00
5) Phenol-d5	6.59	99	311502	22.55	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.72	67	191106	22.24	ng/ul	0.00
9) 2-Chlorophenol-d4	6.92	132	268340	23.86	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	258999	22.27	ng/ul	0.00
19) Nitrobenzene-d5	8.53	128	126183	24.91	ng/ul	0.00
22) 2-Nitrophenol-d4	9.26	143	146194	25.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	267262	23.12	ng/ul	0.01
29) 4-Chloroaniline-d4	10.32	131	202325	14.89	ng/ul	0.00
43) Dimethylphthalate-d6	13.49	166	706978	23.61	ng/ul	0.00
46) Acenaphthylene-d8	13.75	160	987393	24.21	ng/ul	0.00
51) 4-Nitrophenol-d4	14.31	143	121727	19.93	ng/ul	0.00
57) Fluorene-d10	15.07	176	659584	22.08	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.21	200	55879	10.71	ng/ul	0.00
70) Anthracene-d10	16.92	188	910581	23.30	ng/ul	0.00
76) Pyrene-d10	19.22	212	936050	27.51	ng/ul	0.00
87) Benzo(a)pyrene-d12	22.99	264	762891	24.48	ng/ul	0.00

Target Compounds

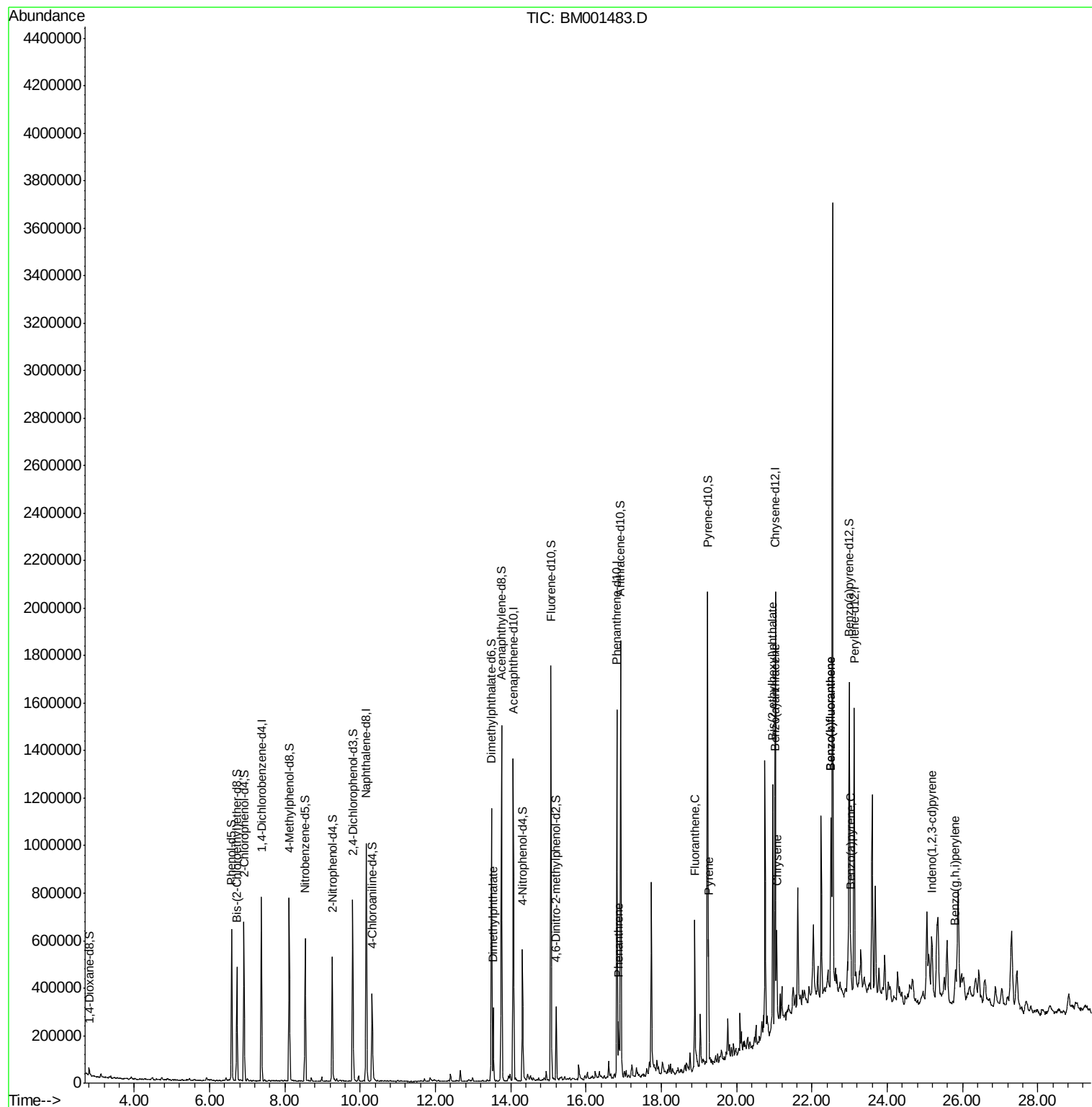
						Qvalue
44) Dimethylphthalate	13.53	163	186287	5.51	ng/ul#	98
69) Phenanthrene	16.86	178	125376	2.66	ng/ul	99
74) Fluoranthene	18.89	202	322753	5.64	ng/ul	99
77) Pyrene	19.25	202	283801	6.07	ng/ul	100
80) Benzo(a)anthracene	21.01	228	144883	3.17	ng/ul	96
81) Bis(2-ethylhexyl)phthalate	20.96	149	338745	11.61	ng/ul#	98
82) Chrysene	21.06	228	148545	3.45	ng/ul	95
85) Benzo(b)fluoranthene	22.50	252	206655	4.79	ng/ul#	94
86) Benzo(k)fluoranthene	22.50	252	52559	1.27	ng/ul#	93
88) Benzo(a)pyrene	23.03	252	128256	3.17	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.17	276	88506	2.08	ng/ul	95
91) Benzo(g,h,i)perylene	25.80	276	87067	2.48	ng/ul	95

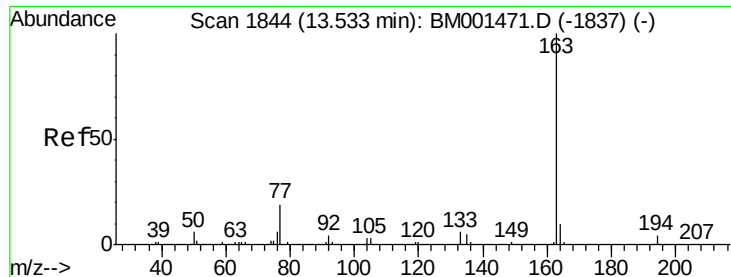
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#44

Dimethylphthalate

Concen: 5.51 ng/ul

RT: 13.53 min Scan# 1844

Delta R.T. -0.00 min

Lab File: BM001483.D

Acq: 30 May 2015 20:02

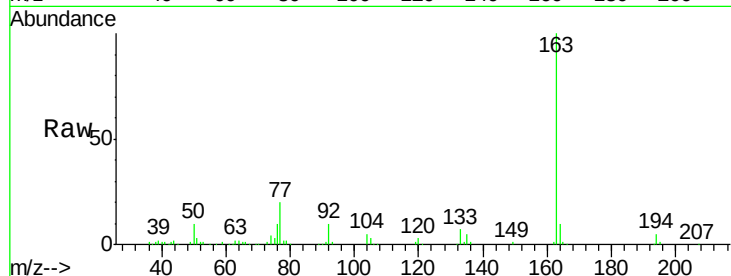
Instrument :

BNA_M

ClientSampleId :

BCRD0RE

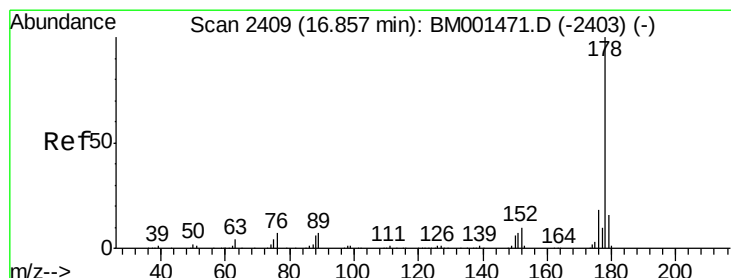
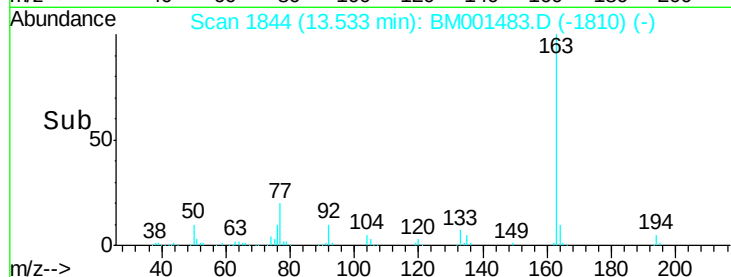
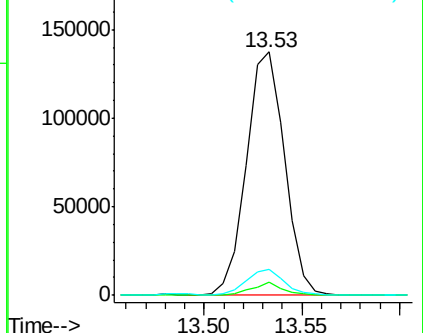
Tgt Ion:	163	Resp:	186287
Ion Ratio	Lower	Upper	
163	100		
194	5.4	3.0	4.6#
164	10.5	8.2	12.4



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: 2.66 ng/ul

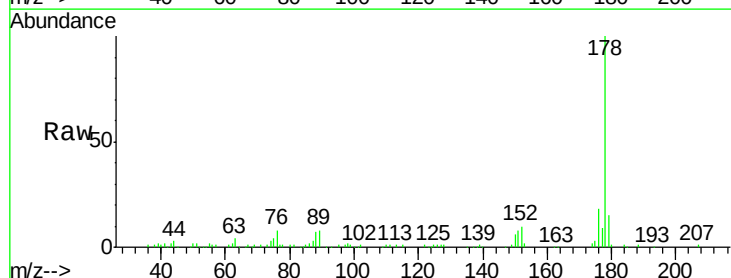
RT: 16.86 min Scan# 2409

Delta R.T. -0.00 min

Lab File: BM001483.D

Acq: 30 May 2015 20:02

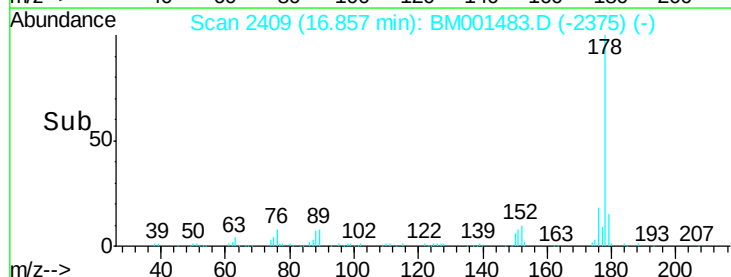
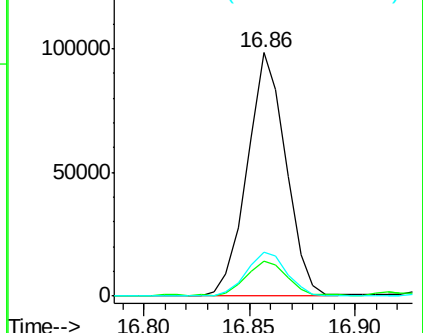
Tgt Ion:	178	Resp:	125376
Ion Ratio	Lower	Upper	
178	100		
179	14.6	11.9	17.9
176	18.3	15.0	22.4

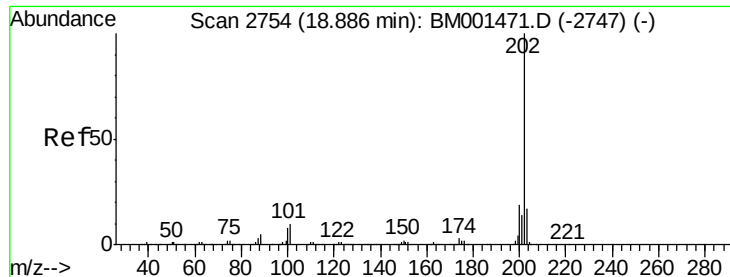


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 5.64 ng/ul

RT: 18.89 min Scan# 2754

Delta R.T. -0.00 min

Lab File: BM001483.D

Acq: 30 May 2015 20:02

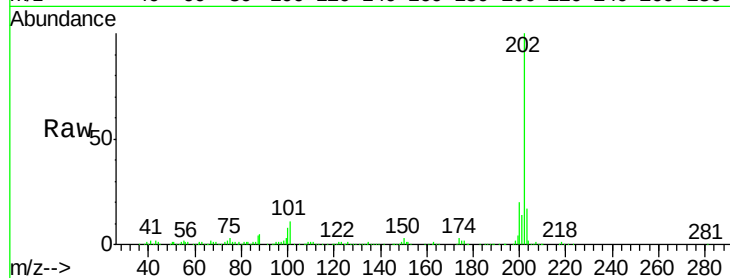
Instrument :

BNA_M

ClientSampleId :

BCRD0RE

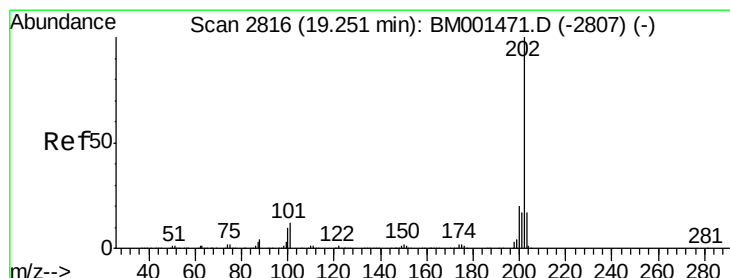
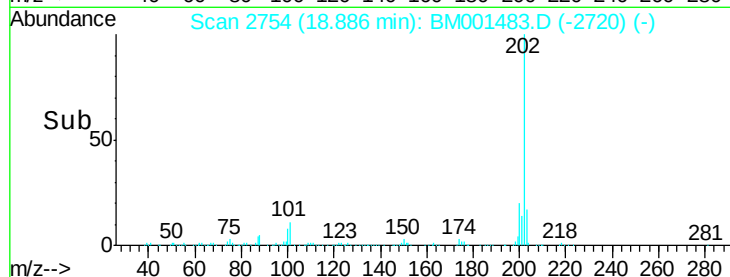
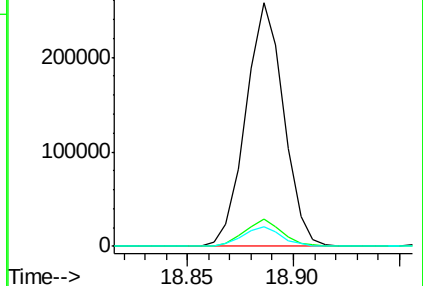
Tgt Ion:	202	Resp:	322753
Ion	Ratio	Lower	Upper
202	100		
101	11.0	8.6	12.8
100	7.8	6.5	9.7



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: 6.07 ng/ul

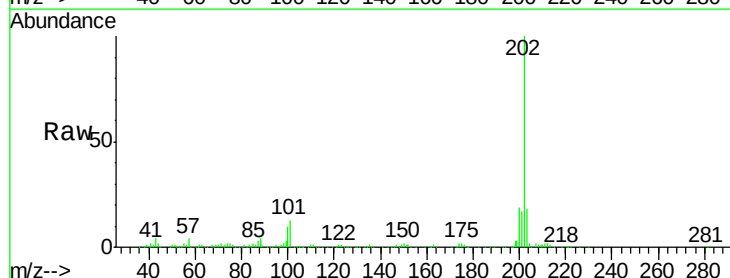
RT: 19.25 min Scan# 2816

Delta R.T. -0.00 min

Lab File: BM001483.D

Acq: 30 May 2015 20:02

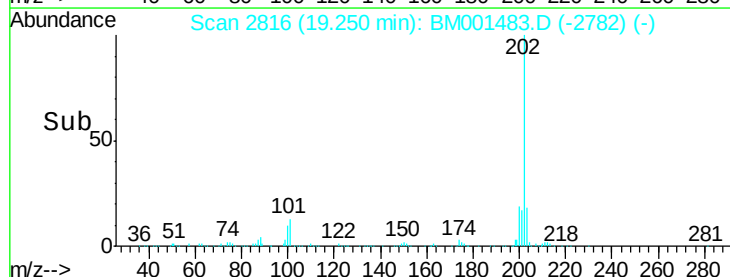
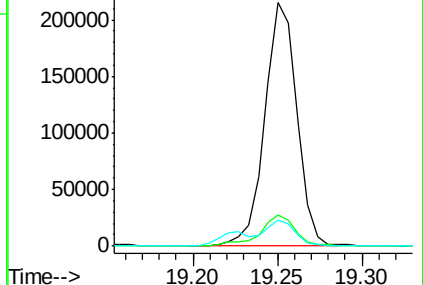
Tgt Ion:	202	Resp:	283801
Ion	Ratio	Lower	Upper
202	100		
101	12.8	10.3	15.5
100	10.4	8.6	12.8

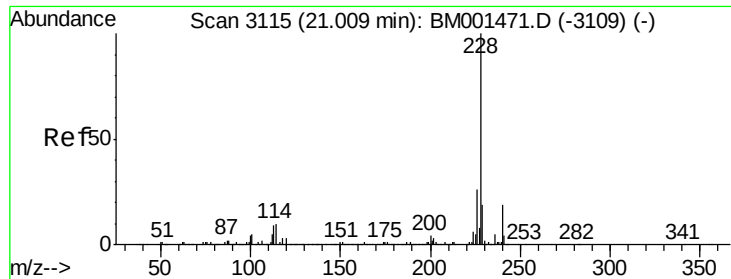


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

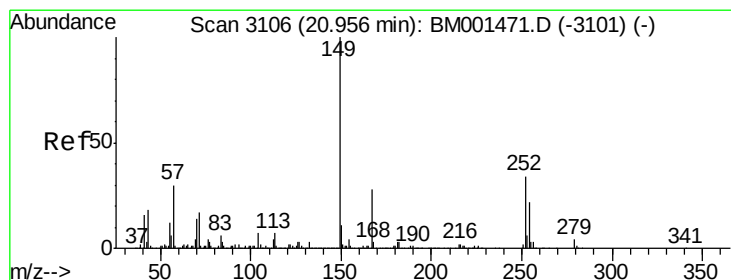
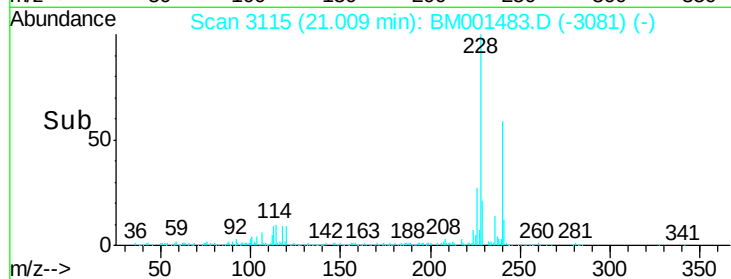
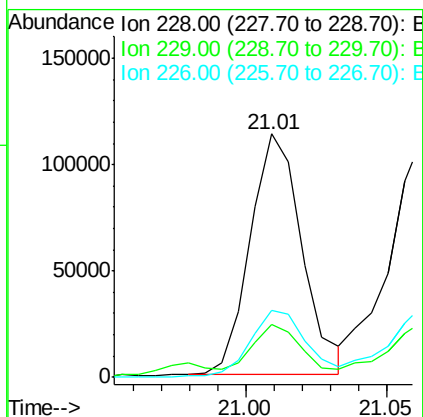
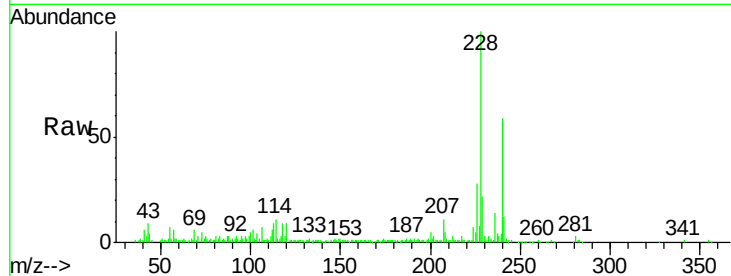




#80
Benzo(a)anthracene
Concen: 3.17 ng/ul
RT: 21.01 min Scan# 3115
Delta R.T. -0.00 min
Lab File: BM001483.D
Acq: 30 May 2015 20:02

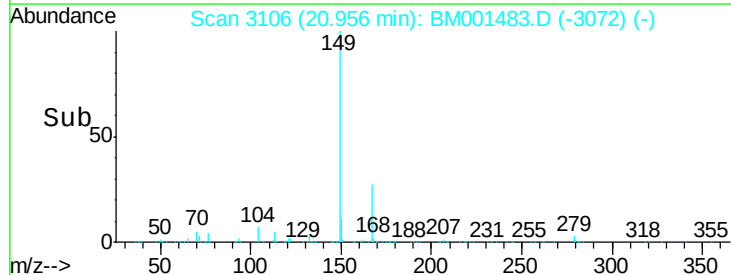
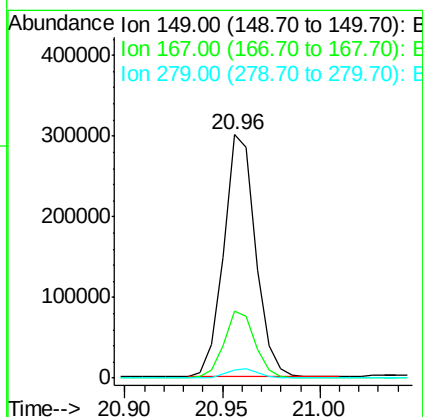
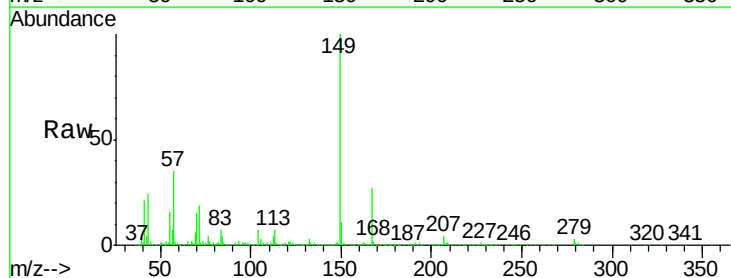
Instrument :
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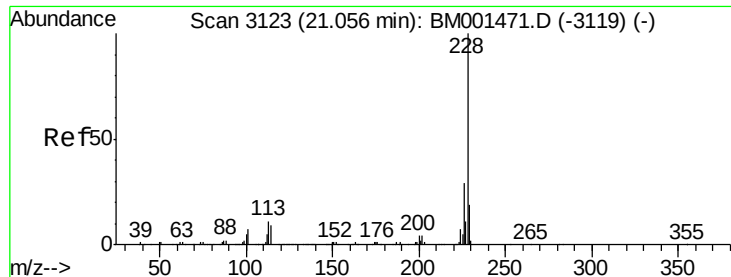
Tgt Ion: 228 Resp: 144883
Ion Ratio Lower Upper
228 100
229 21.5 15.8 23.8
226 27.6 20.6 30.8



#81
Bis(2-ethylhexyl)phthalate
Concen: 11.61 ng/ul
RT: 20.96 min Scan# 3106
Delta R.T. -0.00 min
Lab File: BM001483.D
Acq: 30 May 2015 20:02

Tgt Ion: 149 Resp: 338745
Ion Ratio Lower Upper
149 100
167 27.3 21.2 31.8
279 3.1 3.1 4.7#





#82

Chrysene

Concen: 3.45 ng/ul

RT: 21.06 min Scan# 3124

Delta R.T. 0.01 min

Lab File: BM001483.D

Acq: 30 May 2015 20:02

Instrument :

BNA_M

ClientSampleId :

BCRD0RE

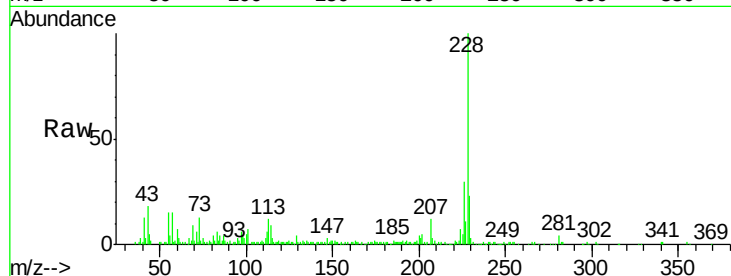
Tgt Ion:228 Resp: 148545

Ion Ratio Lower Upper

228 100

226 30.3 23.0 34.4

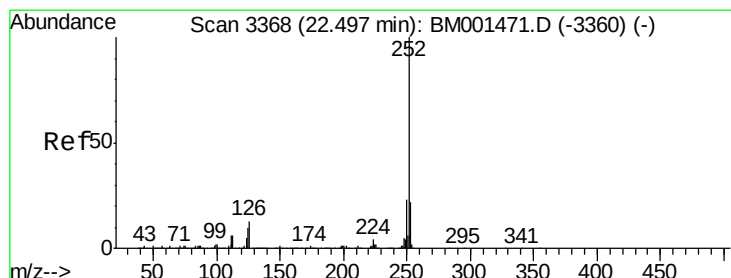
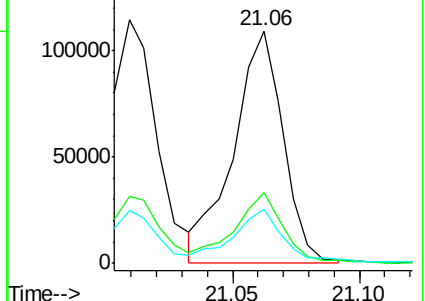
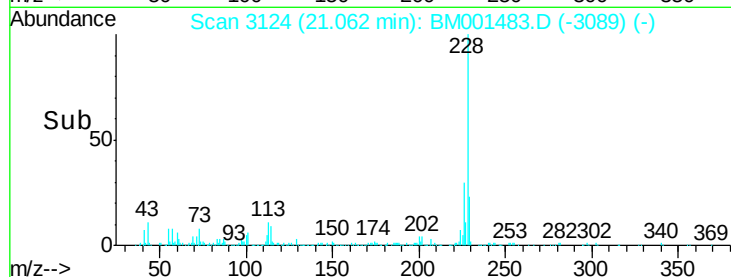
229 23.2 15.7 23.5



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: 4.79 ng/ul

RT: 22.50 min Scan# 3369

Delta R.T. 0.01 min

Lab File: BM001483.D

Acq: 30 May 2015 20:02

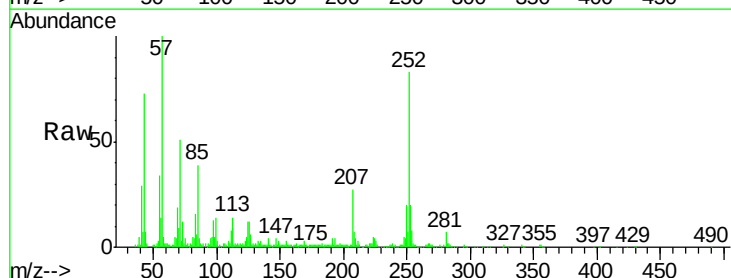
Tgt Ion:252 Resp: 206655

Ion Ratio Lower Upper

252 100

253 24.2 18.0 27.0

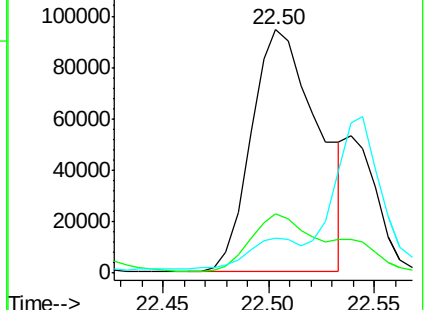
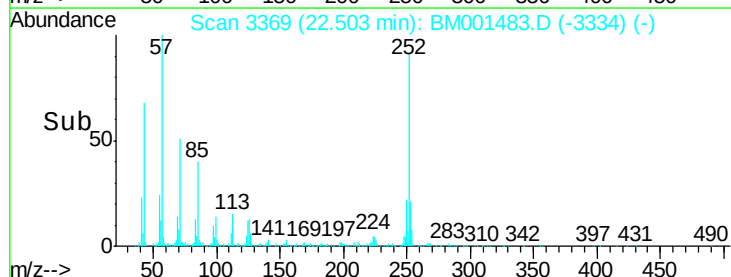
125 14.6 8.6 12.8#

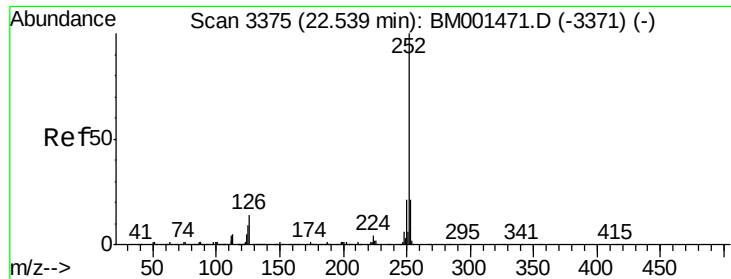


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#86

Benzo(k)fluoranthene

Concen: 1.27 ng/ul

RT: 22.50 min Scan# 3369

Delta R.T. -0.04 min

Lab File: BM001483.D

Acq: 30 May 2015 20:02

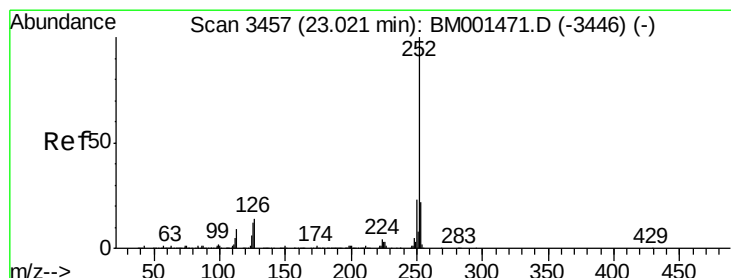
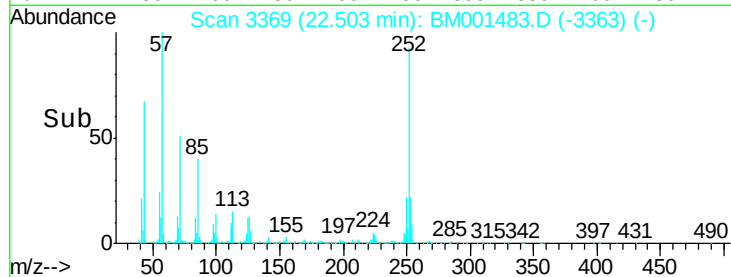
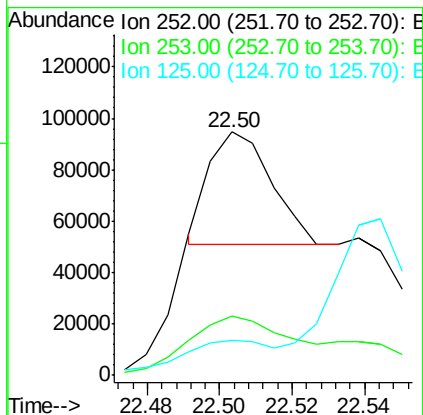
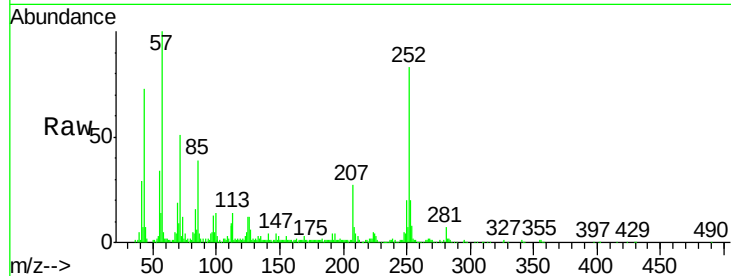
Instrument :

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ClientSampleId :

BCRD0RE

Tgt Ion:	252	Resp:	52559
Ion Ratio	Lower	Upper	
252	100		
253	24.2	17.4	26.0
125	14.6	8.6	13.0#



#88

Benzo(a)pyrene

Concen: 3.17 ng/ul

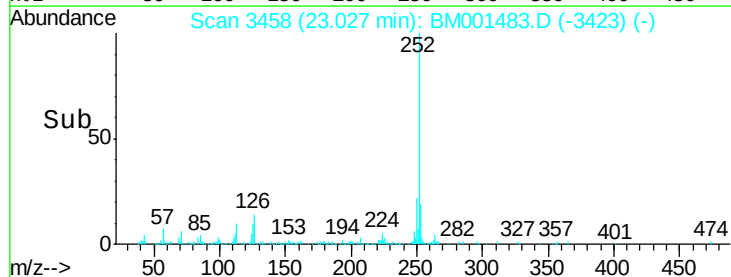
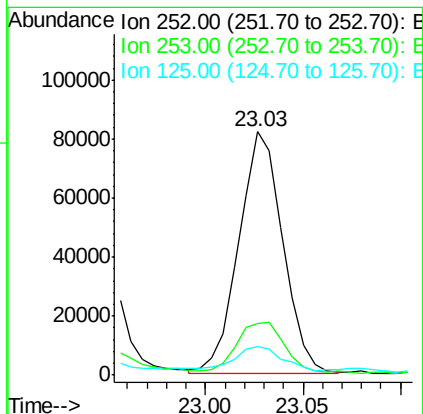
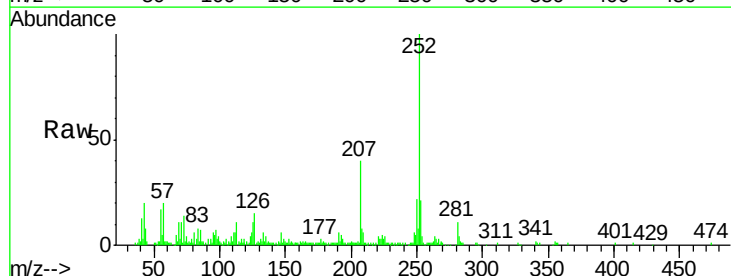
RT: 23.03 min Scan# 3458

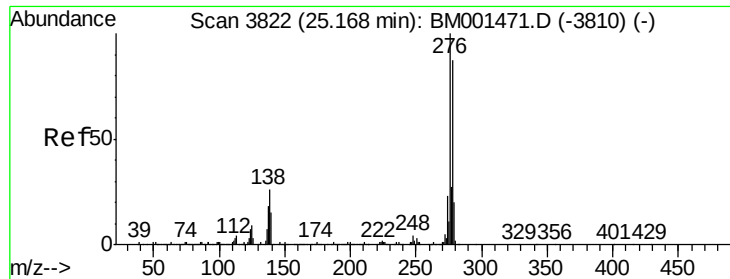
Delta R.T. 0.01 min

Lab File: BM001483.D

Acq: 30 May 2015 20:02

Tgt Ion:	252	Resp:	128256
Ion Ratio	Lower	Upper	
252	100		
253	21.1	17.0	25.4
125	11.5	8.8	13.2





#89

Indeno(1,2,3-cd)pyrene

Concen: 2.08 ng/ul

RT: 25.17 min Scan# 3822

Delta R.T. -0.00 min

Lab File: BM001483.D

Acq: 30 May 2015 20:02

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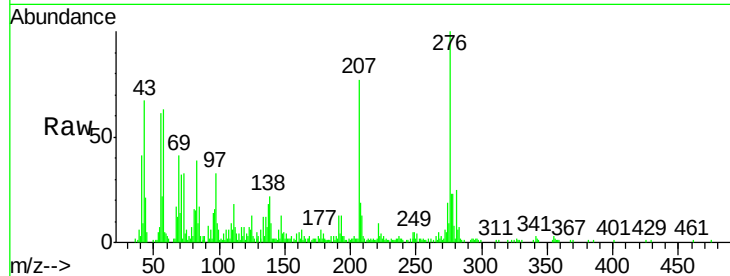
Tgt Ion:276 Resp: 88506

Ion Ratio Lower Upper

276 100

138 22.1 20.6 31.0

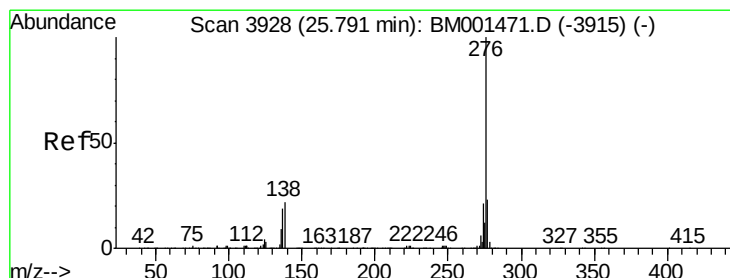
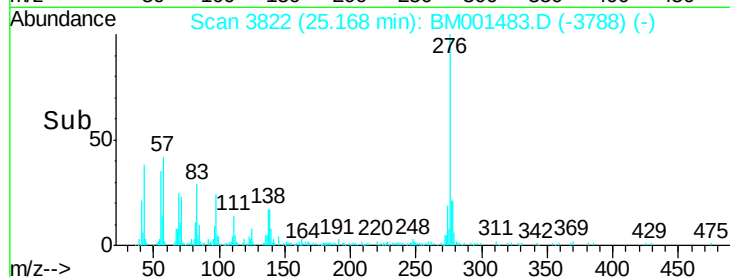
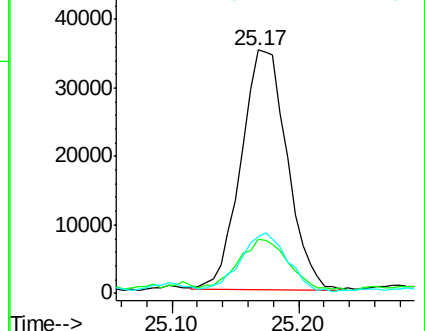
277 23.2 19.2 28.8



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: 2.48 ng/ul

RT: 25.80 min Scan# 3930

Delta R.T. 0.01 min

Lab File: BM001483.D

Acq: 30 May 2015 20:02

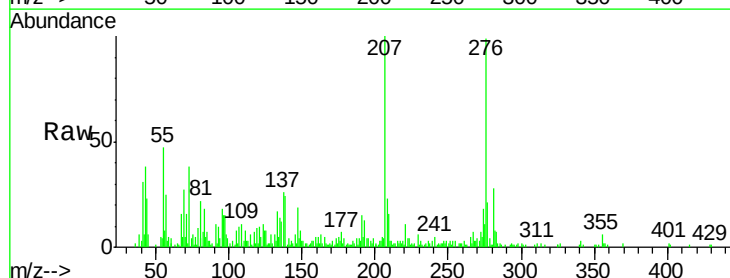
Tgt Ion:276 Resp: 87067

Ion Ratio Lower Upper

276 100

138 23.7 17.9 26.9

277 21.0 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

