

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
 Data File : BM001465.D
 Acq On : 30 May 2015 04:09
 Operator : TP/IZ
 Sample : G2411-20
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BCRD1

Manual Integrations
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Quant Time: May 30 05:08:00 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat May 30 02:30:09 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	159617	20.00	ng/ul	0.00
18) Naphthalene-d8	10.17	136	702112	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.07	164	394326	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.82	188	781592	20.00	ng/ul	0.00
75) Chrysene-d12	21.03	240	694752	20.00	ng/ul	0.00
83) Perylene-d12	23.11	264	625469	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.81	96	12379	3.87	ng/uL	0.00
5) Phenol-d5	6.59	99	326426	27.57	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.73	67	194454	26.40	ng/ul	0.00
9) 2-Chlorophenol-d4	6.92	132	275304	28.56	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	279361	28.03	ng/ul	0.00
19) Nitrobenzene-d5	8.55	128	130873	28.63	ng/ul	0.00
22) 2-Nitrophenol-d4	9.26	143	152787	29.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	288115	27.62	ng/ul	0.00
29) 4-Chloroaniline-d4	10.32	131	275098	22.44	ng/ul	0.00
43) Dimethylphthalate-d6	13.49	166	778929	28.17	ng/ul	0.00
46) Acenaphthylene-d8	13.76	160	1074383	28.53	ng/ul	0.00
51) 4-Nitrophenol-d4	14.31	143	133968	23.76	ng/ul	0.00
57) Fluorene-d10	15.07	176	723277	26.22	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.21	200	51624	10.73	ng/ul	0.00
70) Anthracene-d10	16.92	188	995882	27.64	ng/ul	0.00
76) Pyrene-d10	19.23	212	963777	31.90	ng/ul	0.00
87) Benzo(a)pyrene-d12	22.99	264	746399	26.99	ng/ul	0.00

Target Compounds

						Qvalue
44) Dimethylphthalate	13.54	163	302575	9.69	ng/ul	98
74) Fluoranthene	18.89	202	107728	2.04	ng/ul	99
77) Pyrene	19.26	202	97413	2.35	ng/ul	100
80) Benzo(a)anthracene	21.01	228	48905m	1.21	ng/ul	
81) Bis(2-ethylhexyl)phthalate	20.96	149	260771	10.07	ng/ul	99
82) Chrysene	21.06	228	59395	1.55	ng/ul	98
85) Benzo(b)fluoranthene	22.50	252	78977	2.06	ng/ul#	93
88) Benzo(a)pyrene	23.02	252	54888	1.53	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	25.16	276	38592	1.02	ng/ul	98
91) Benzo(g,h,i)perylene	25.80	276	37319	1.20	ng/ul	97

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

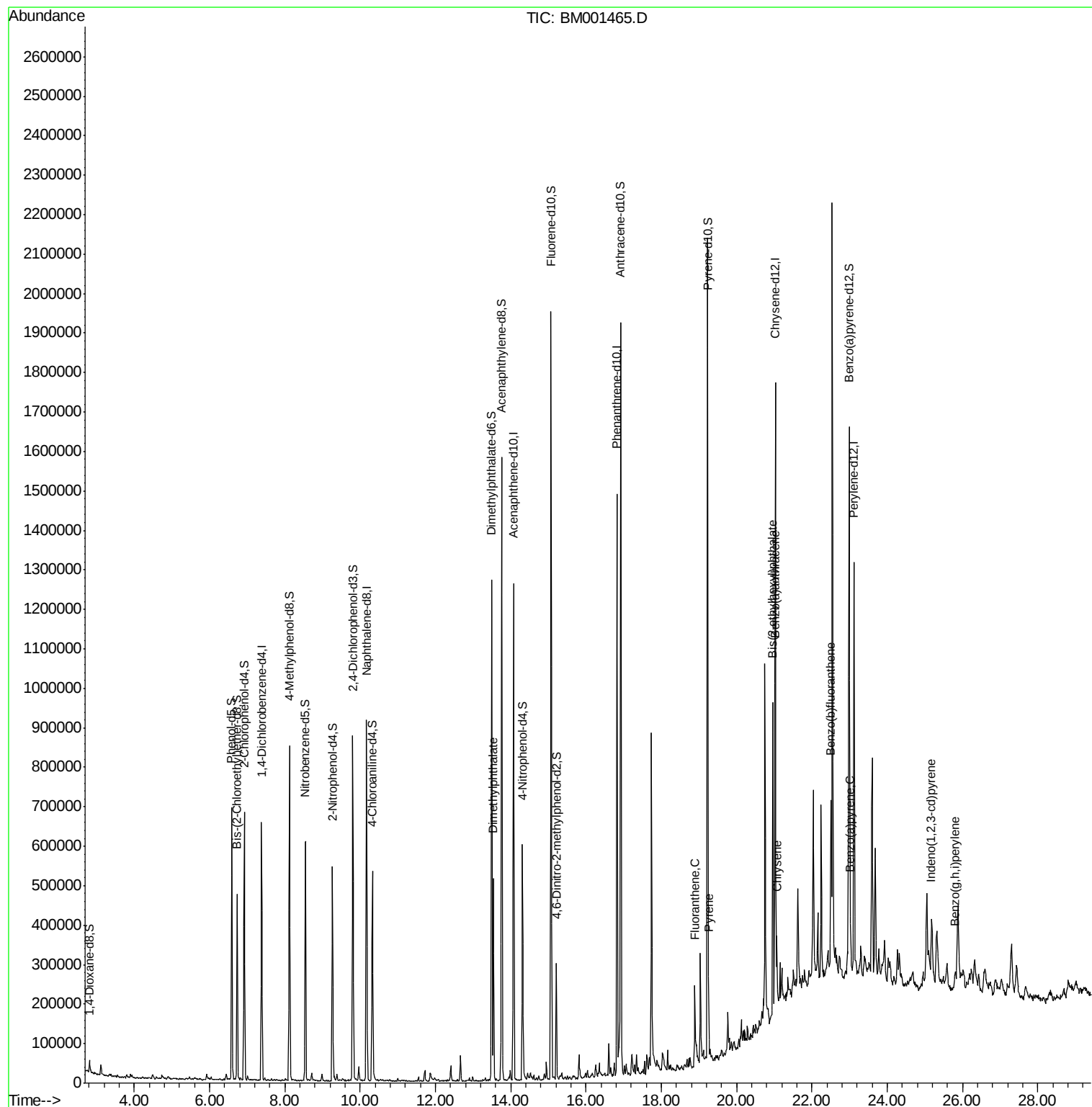
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
Data File : BM001465.D
Acq On : 30 May 2015 04:09
Operator : TP/IZ
Sample : G2411-20
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ALS Vial : 24 Sample Multiplier: 1

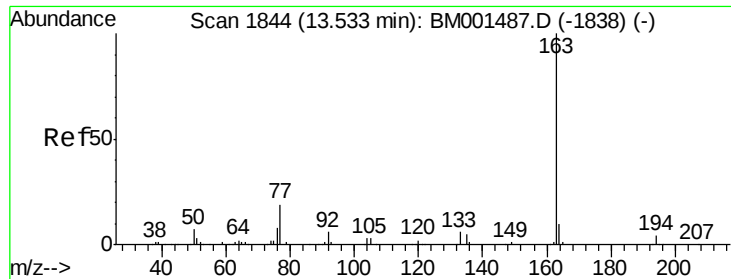
Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052915.M
Quant Title : SVOA CALIBRATION
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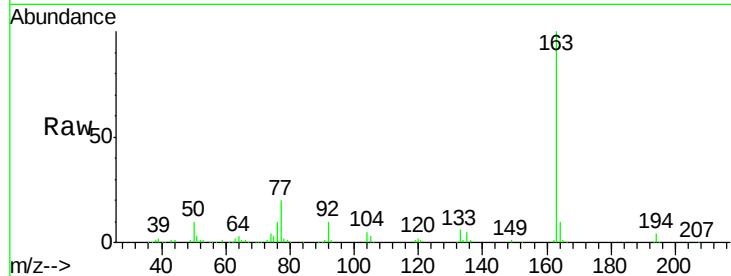
#44
Dimethylphthalate
Concen: 9.69 ng/ul
RT: 13.54 min Scan# 1845
Delta R.T. 0.01 min
Lab File: BM001465.D
Acq: 30 May 2015 04:09

Instrument :
BNA_M
ClientSampleId :
BCRD1

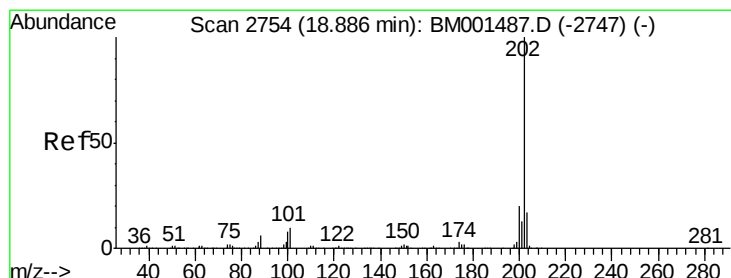
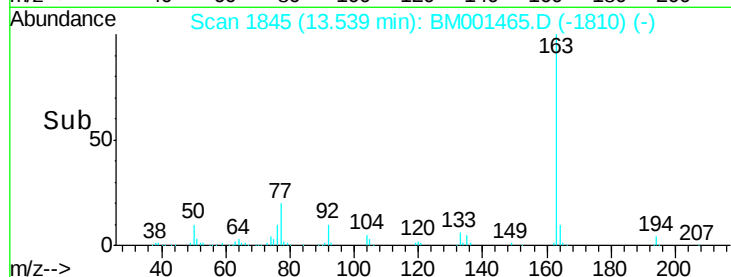
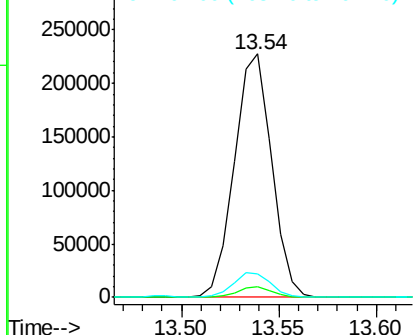
Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	4.4	3.0	4.6
164	9.5	8.2	12.4

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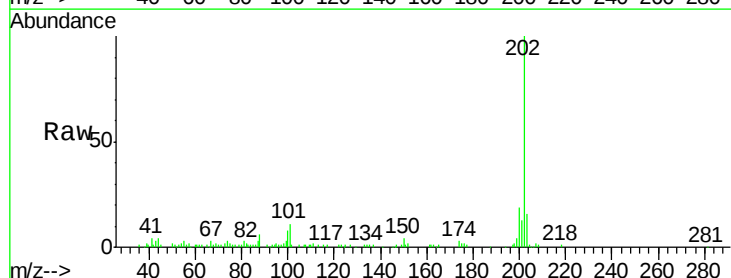


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

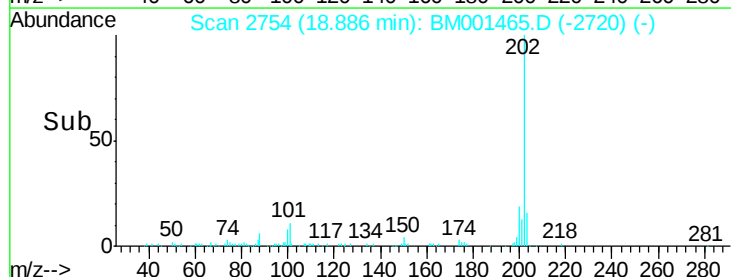
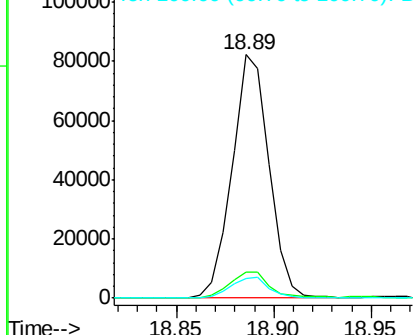


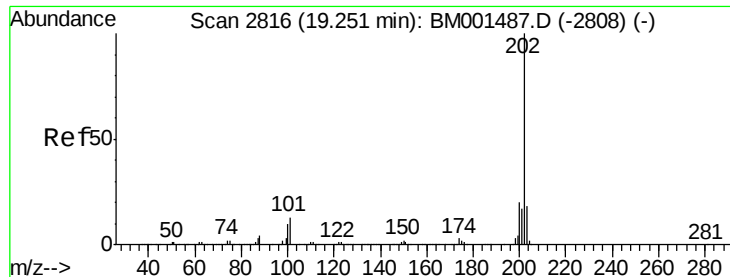
#74
Fluoranthene
Concen: 2.04 ng/ul
RT: 18.89 min Scan# 2754
Delta R.T. -0.00 min
Lab File: BM001465.D
Acq: 30 May 2015 04:09

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	10.9	8.6	12.8
100	7.9	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: 2.35 ng/ul

RT: 19.26 min Scan# 2817

Delta R.T. 0.01 min

Lab File: BM001465.D

Acq: 30 May 2015 04:09

Instrument :

BNA_M

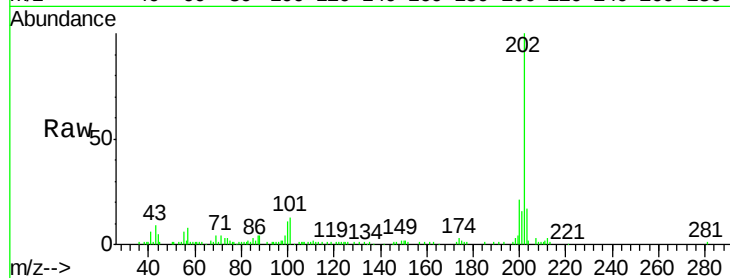
ClientSampleId :

BCRD1

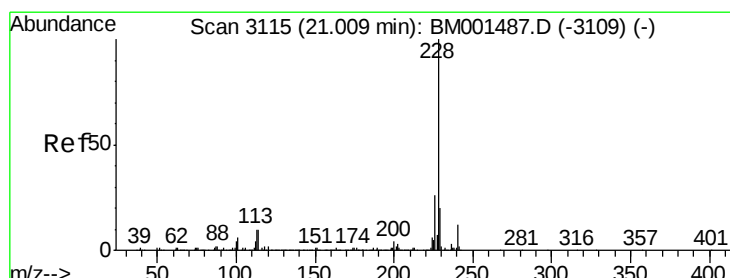
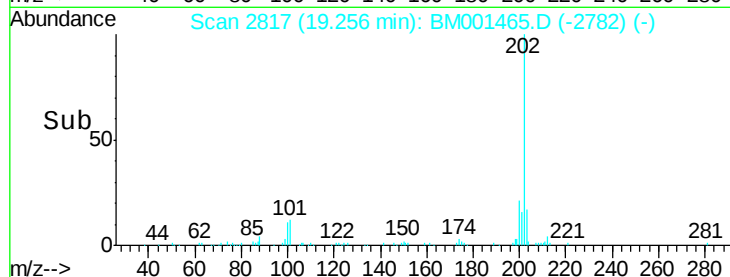
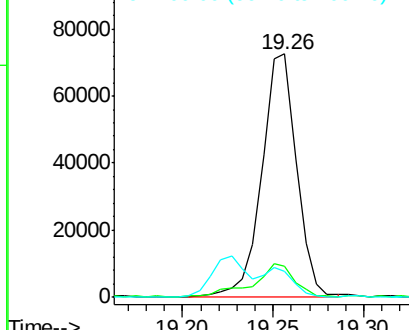
Tgt Ion:	202	Resp:	97413
Ion Ratio	Lower	Upper	
202	100		
101	12.6	10.3	15.5
100	10.7	8.6	12.8

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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: 1.21 ng/ul m

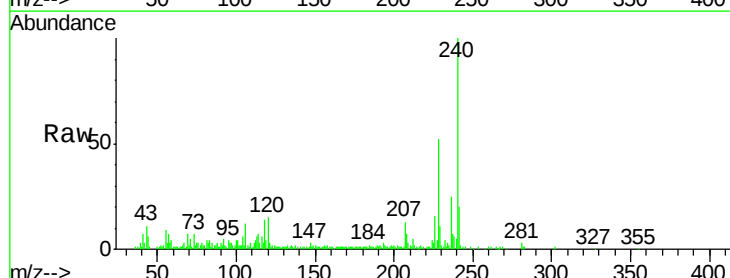
RT: 21.01 min Scan# 3115

Delta R.T. -0.00 min

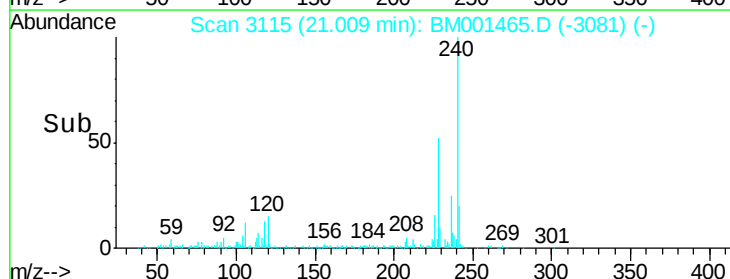
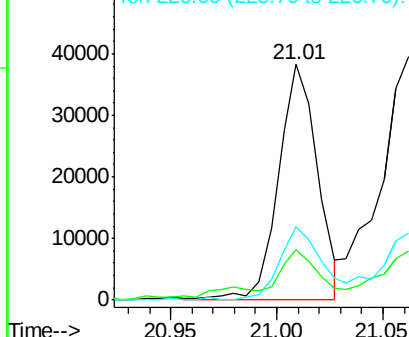
Lab File: BM001465.D

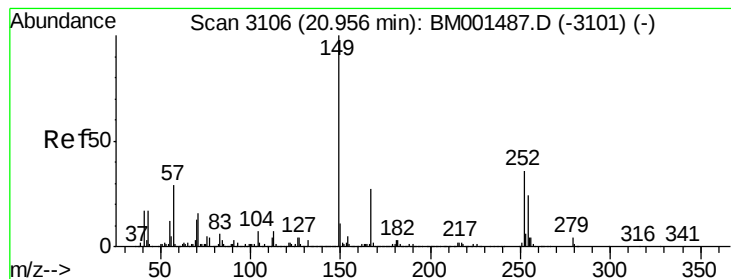
Acq: 30 May 2015 04:09

Tgt Ion:	228	Resp:	48905
Ion Ratio	Lower	Upper	
228	100		
229	21.4	15.8	23.8
226	31.2	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: 10.07 ng/ul

RT: 20.96 min Scan# 3106

Delta R.T. -0.01 min

Lab File: BM001465.D

Acq: 30 May 2015 04:09

Instrument :

BNA_M

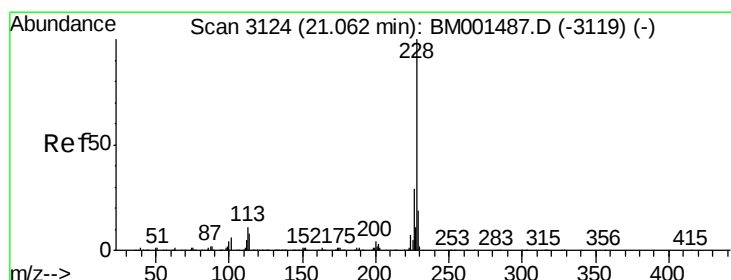
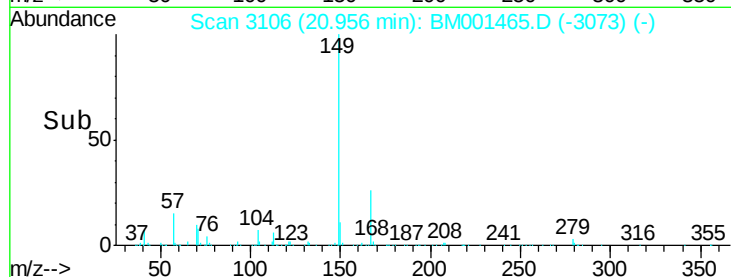
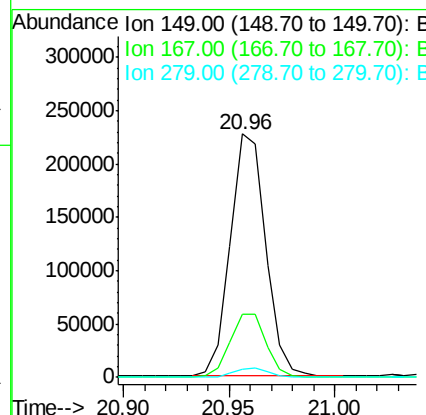
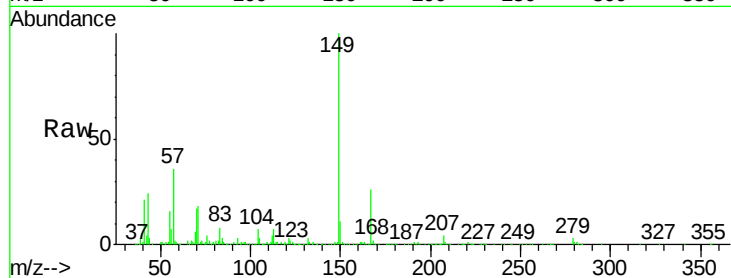
ClientSampleId :

BCRD1

Tgt Ion:	149	Resp:	260771
Ion Ratio	Lower	Upper	
149	100		
167	26.2	21.2	31.8
279	3.4	3.1	4.7

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#82

Chrysene

Concen: 1.55 ng/ul

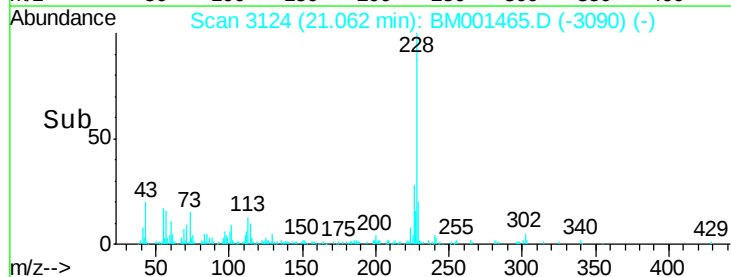
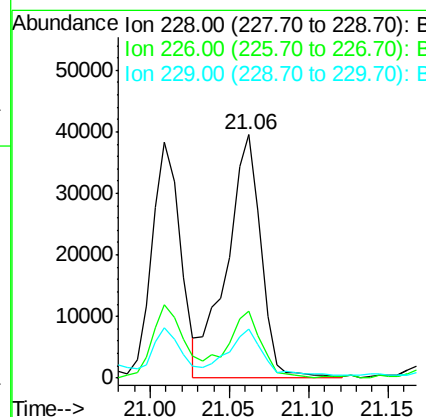
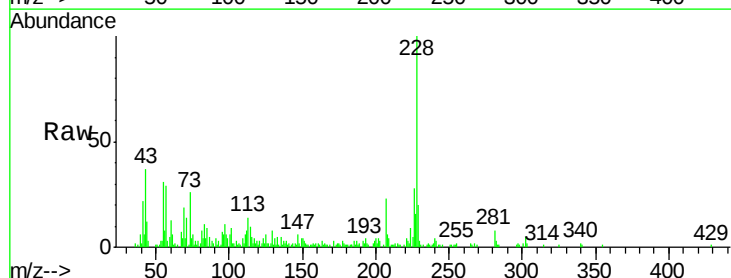
RT: 21.06 min Scan# 3124

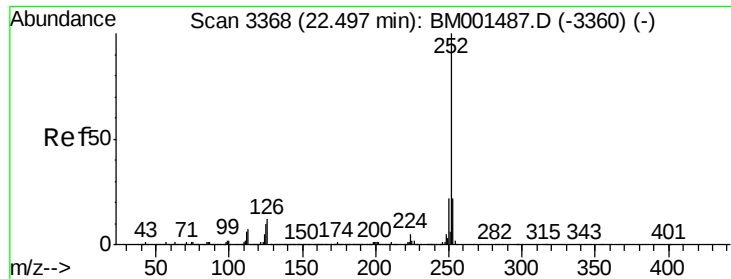
Delta R.T. -0.00 min

Lab File: BM001465.D

Acq: 30 May 2015 04:09

Tgt Ion:	228	Resp:	59395
Ion Ratio	Lower	Upper	
228	100		
226	27.7	23.0	34.4
229	20.1	15.7	23.5





#85

Benzo(b)fluoranthene

Concen: 2.06 ng/ul

RT: 22.50 min Scan# 3369

Delta R.T. 0.01 min

Lab File: BM001465.D

Acq: 30 May 2015 04:09

Instrument :

BNA_M

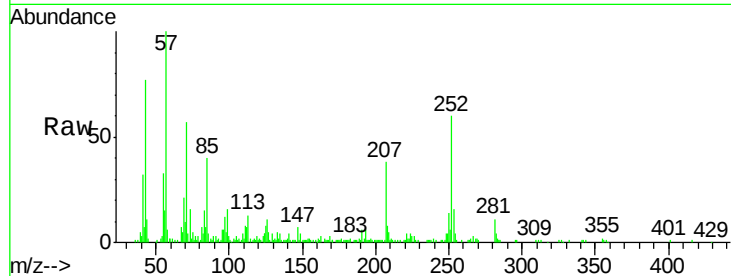
ClientSampled :

BCRD1

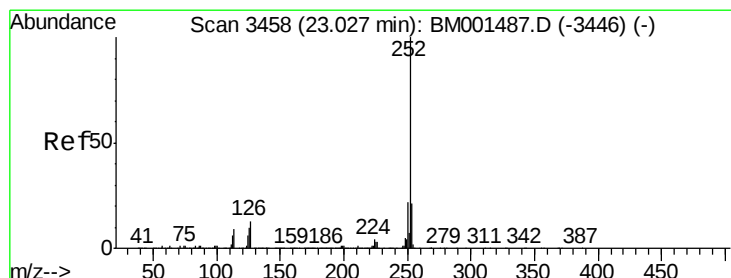
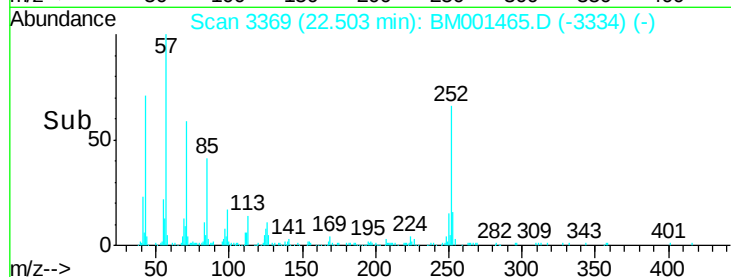
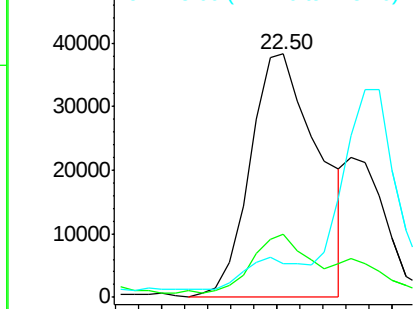
Tgt Ion:	252	Resp:	78977
Ion Ratio	Lower	Upper	
252	100		
253	25.8	18.0	27.0
125	13.9	8.6	12.8#

Manual Integrations
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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

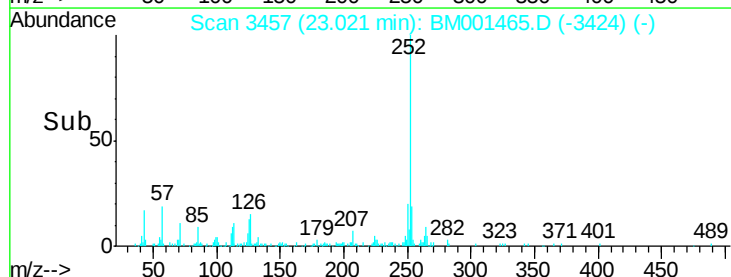
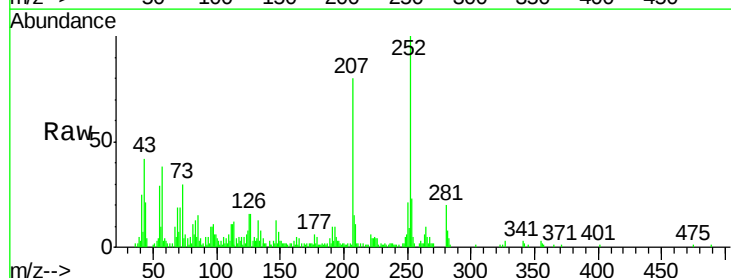
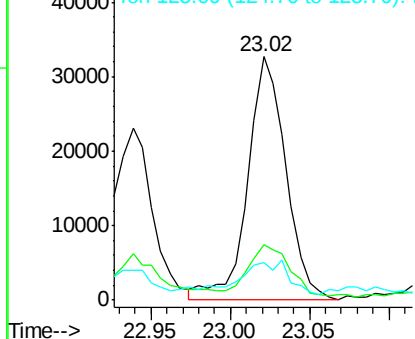
Delta R.T. -0.01 min

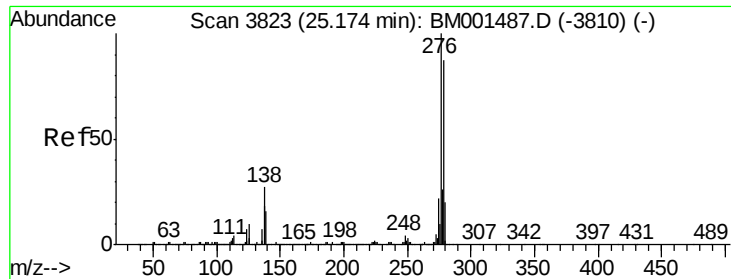
Lab File: BM001465.D

Acq: 30 May 2015 04:09

Tgt Ion:	252	Resp:	54888
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.0	25.4
125	15.6	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





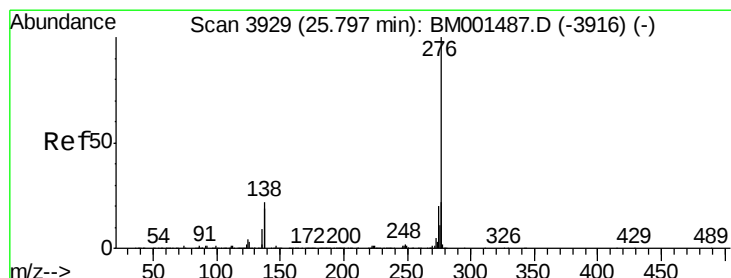
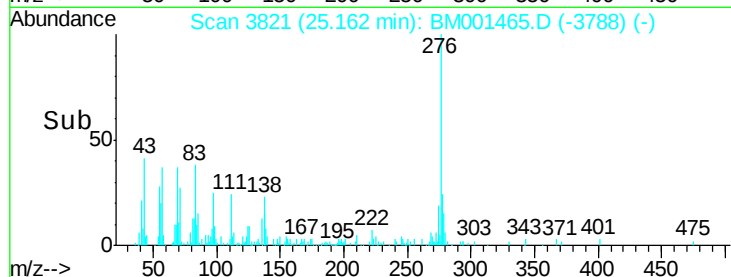
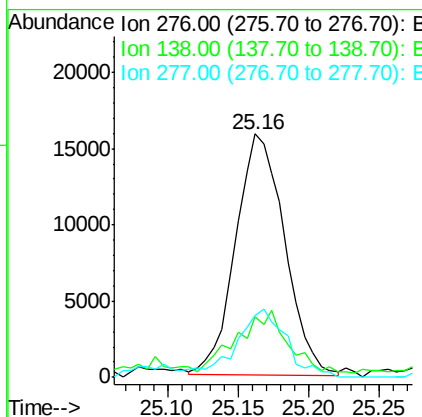
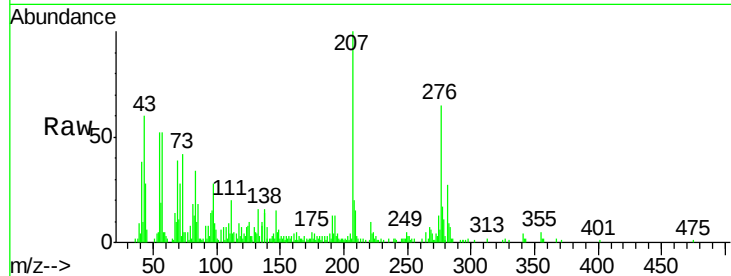
#89
 Indeno(1,2,3-cd)pyrene
 Concen: 1.02 ng/ul
 RT: 25.16 min Scan# 3821
 Delta R.T. -0.01 min
 Lab File: BM001465.D
 Acq: 30 May 2015 04:09

Instrument :
 BNA_M
 ClientSampled :
 BCRD1

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.1	20.6	31.0
277	25.5	19.2	28.8

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#91
 Benzo(g,h,i)perylene
 Concen: 1.20 ng/ul
 RT: 25.80 min Scan# 3930
 Delta R.T. 0.01 min
 Lab File: BM001465.D
 Acq: 30 May 2015 04:09

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.4	17.9	26.9
277	25.0	19.7	29.5

