

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111115\
 Data File : BM003092.D
 Acq On : 11 Nov 2015 19:23
 Operator : UM/IZ
 Sample : G4322-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4HR7

Manual Integrations
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 11/13/2015 6:31:16 PM

Quant Time: Nov 13 12:01:01 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM103015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 13 11:02:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	128411	20.00	ng/ul	0.00
18) Naphthalene-d8	10.55	136	581222	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.40	164	316212	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.14	188	637918	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	589852	20.00	ng/ul	0.00
86) Perylene-d12	23.60	264	588118	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	6868	2.52	ng/uL	0.00
5) Phenol-d5	6.91	99	127726	12.58	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	80770	13.61	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	113009	13.14	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	101730	12.43	ng/ul	0.00
19) Nitrobenzene-d5	8.91	128	53396	15.06	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	56282	15.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.16	165	100897	12.53	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	124962	11.99	ng/ul	0.00
44) Dimethylphthalate-d6	13.80	166	326859	13.74	ng/ul	0.00
47) Acenaphthylene-d8	14.09	160	309490	10.27	ng/ul	0.00
52) 4-Nitrophenol-d4	14.58	143	34610	8.63	ng/ul	0.00
58) Fluorene-d10	15.39	176	203567	9.90	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.50	200	27954	9.46	ng/ul	0.00
71) Anthracene-d10	17.24	188	254071	8.98	ng/ul	0.00
79) Pyrene-d10	19.54	212	222551	7.66	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.45	264	186505	6.67	ng/ul	0.00

Target Compounds

						Ovalue
6) Phenol	6.94	94	10697	1.02	ng/ul#	91
16) 4-Methylphenol	8.51	108	14454	1.64	ng/ul	84
28) Naphthalene	10.59	128	57980	1.99	ng/ul	99
45) Dimethylphthalate	13.85	163	151002	6.23	ng/ul	99
70) Phenanthrene	17.18	178	85913	2.38	ng/ul	99
77) Fluoranthene	19.20	202	102098	2.80	ng/ul	96
80) Pyrene	19.57	202	84389	2.19	ng/ul#	91
83) Benzo(a)anthracene	21.32	228	43240	1.33	ng/ul#	93
85) Chrysene	21.37	228	46528m	1.45	ng/ul	
88) Benzo(b)fluoranthene	22.92	252	53649	1.58	ng/ul#	89
91) Benzo(a)pyrene	23.50	252	37994	1.18	ng/ul#	91

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

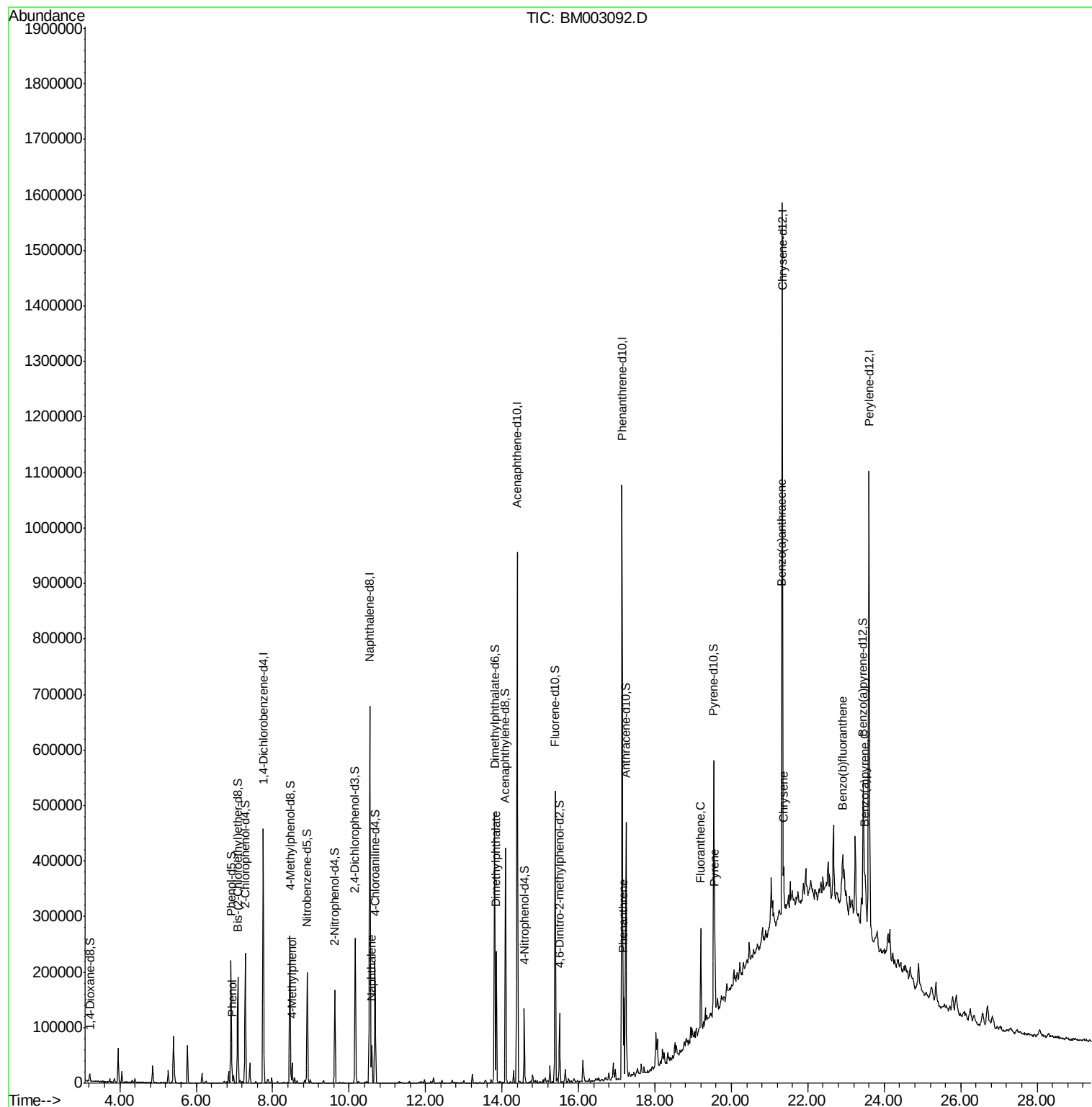
Data Path : Z:\HPCHEM1\BNA M\DATA\BM111115\
Data File : BM003092.D
Acq On : 11 Nov 2015 19:23
Operator : UM/IZ
Sample : G4322-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

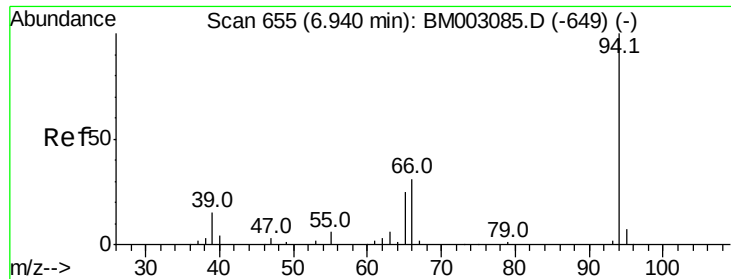
Instrument :
BNA_M
ClientSampleId :
A4HR7

Quant Time: Nov 13 12:01:01 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM103015.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 13 11:02:42 2015
Response via : Initial Calibration

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#6

Phenol

Concen: 1.02 ng/ul

RT: 6.94 min Scan# 655

Delta R.T. -0.00 min

Lab File: BM003092.D

Acq: 11 Nov 2015 19:23

Instrument :

BNA_M

ClientSampleId :

A4HR7

Tot Ion: 94 Resp: 10697

Ion Ratio Lower Upper

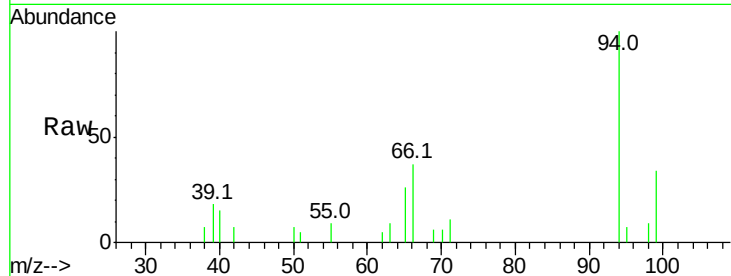
94 100

65 25.5 18.7 28.1

66 37.2 24.2 36.2#

Manual Integrations
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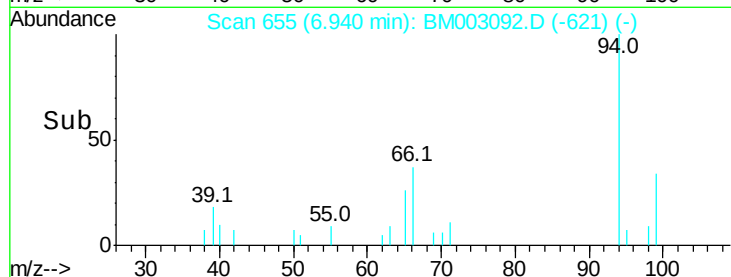


Abundance Ion 94.00 (93.70 to 94.70): BM003085.D (-649) (-)

Ion 65.00 (64.70 to 65.70): BM003085.D (-649) (-)

Ion 66.00 (65.70 to 66.70): BM003085.D (-649) (-)

Time-->

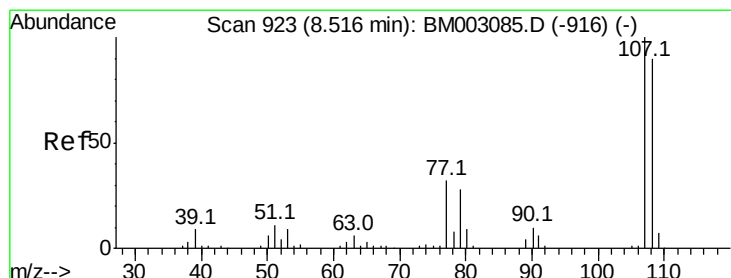


Abundance Ion 94.00 (93.70 to 94.70): BM003092.D (-621) (-)

Ion 65.00 (64.70 to 65.70): BM003092.D (-621) (-)

Ion 66.00 (65.70 to 66.70): BM003092.D (-621) (-)

Time-->



#16

4-Methylphenol

Concen: 1.64 ng/ul

RT: 8.51 min Scan# 922

Delta R.T. -0.01 min

Lab File: BM003092.D

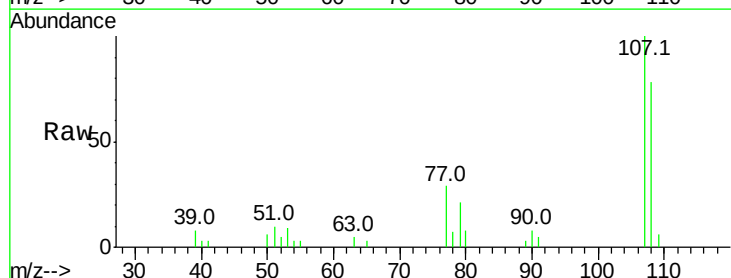
Acq: 11 Nov 2015 19:23

Tgt Ion: 108 Resp: 14454

Ion Ratio Lower Upper

108 100

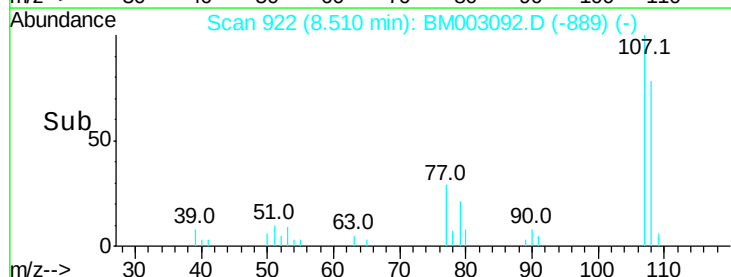
107 127.7 88.4 132.6



Abundance Ion 108.00 (107.70 to 108.70): BM003085.D (-916) (-)

Ion 107.00 (106.70 to 107.70): BM003085.D (-916) (-)

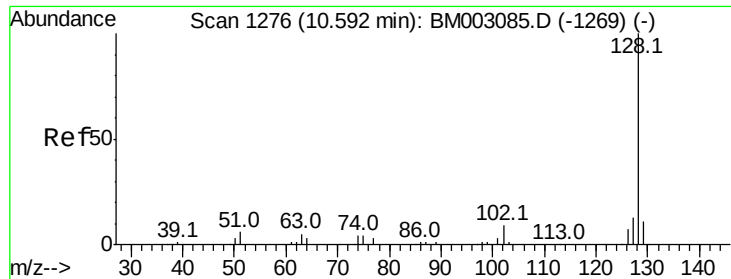
Time-->



Abundance Ion 108.00 (107.70 to 108.70): BM003092.D (-889) (-)

Ion 107.00 (106.70 to 107.70): BM003092.D (-889) (-)

Time-->



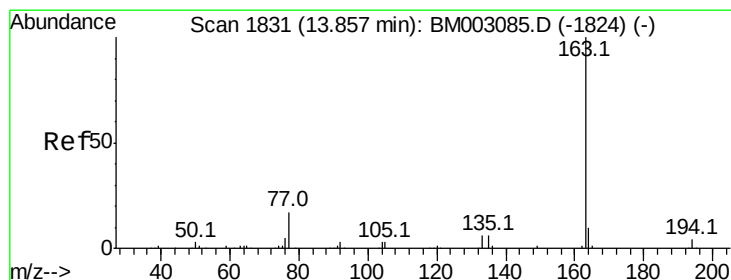
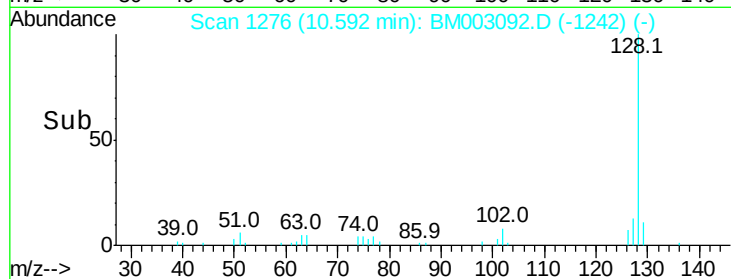
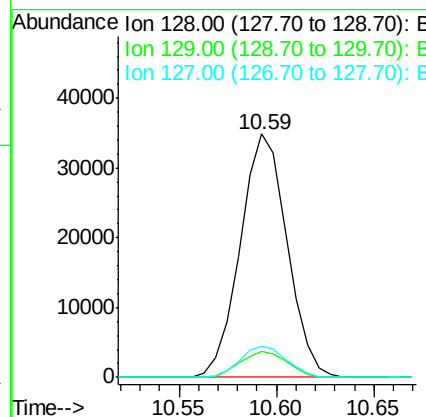
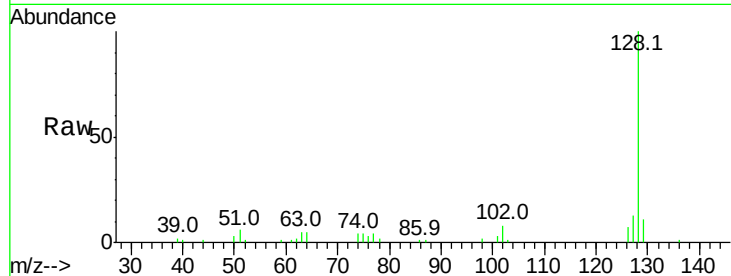
#28
Naphthalene
Concen: 1.99 ng/ul
RT: 10.59 min Scan# 1276
Delta R.T. -0.00 min
Lab File: BM003092.D
Acq: 11 Nov 2015 19:23

Instrument :
BNA_M
ClientSampleId :
A4HR7

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.8	13.2
127	12.8	10.5	15.7

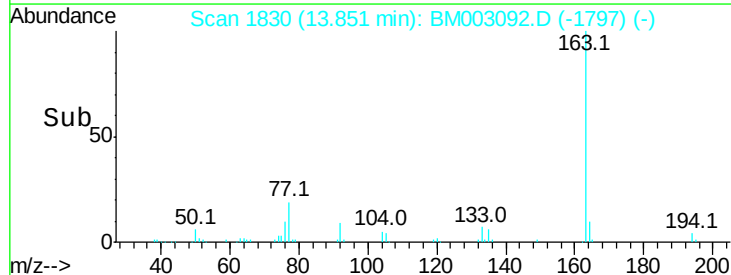
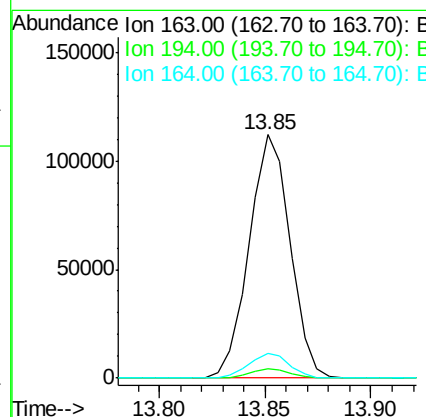
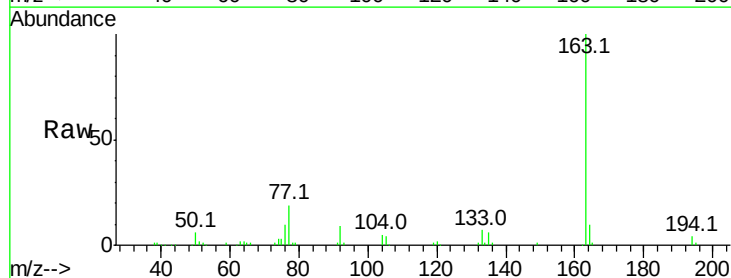
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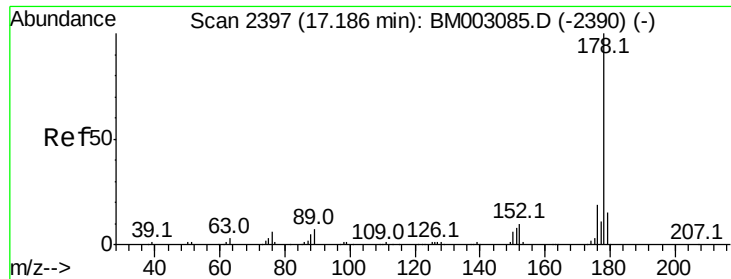
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#45
Dimethylphthalate
Concen: 6.23 ng/ul
RT: 13.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BM003092.D
Acq: 11 Nov 2015 19:23

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.2	4.8
164	10.0	7.8	11.8





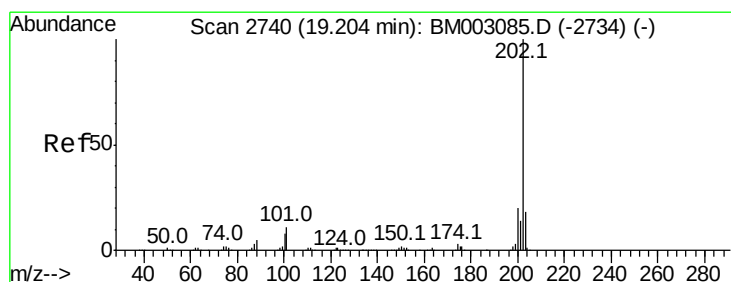
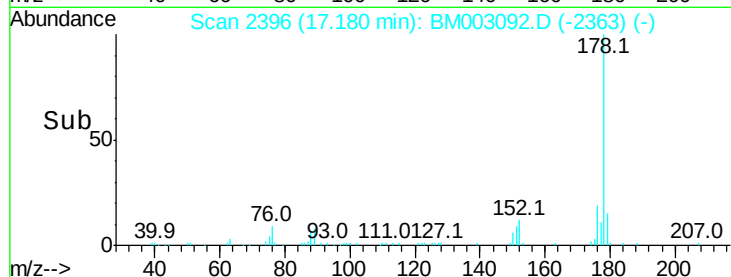
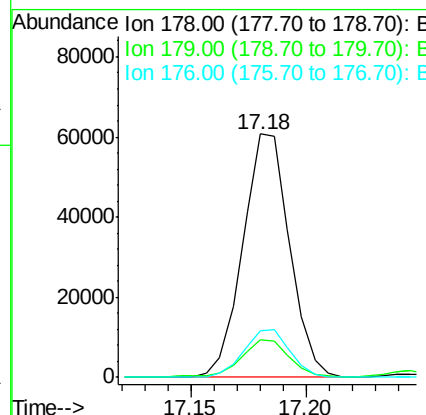
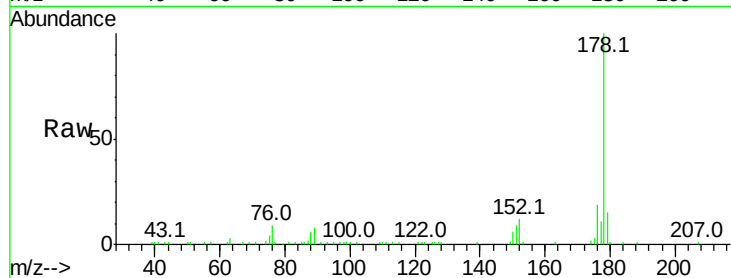
#70
Phenanthrene
Concen: 2.38 ng/ul
RT: 17.18 min Scan# 2396
Delta R.T. -0.01 min
Lab File: BM003092.D
Acq: 11 Nov 2015 19:23

Instrument :
BNA_M
ClientSampleId :
A4HR7

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.2	18.4
176	19.0	14.7	22.1

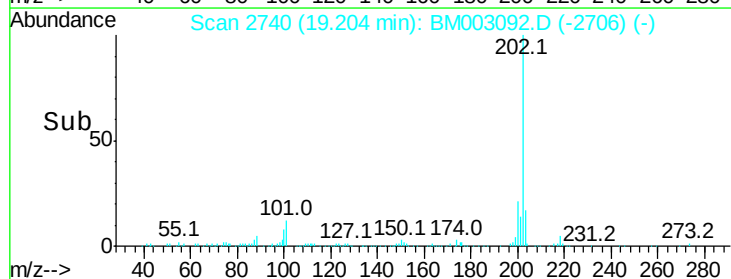
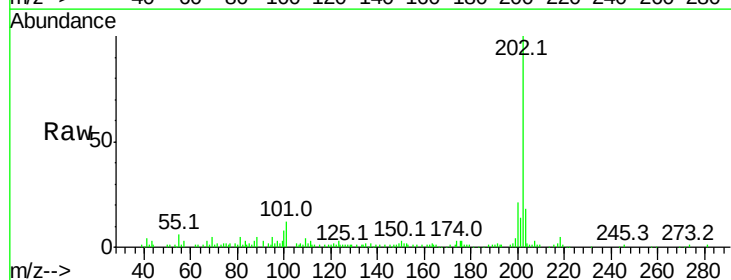
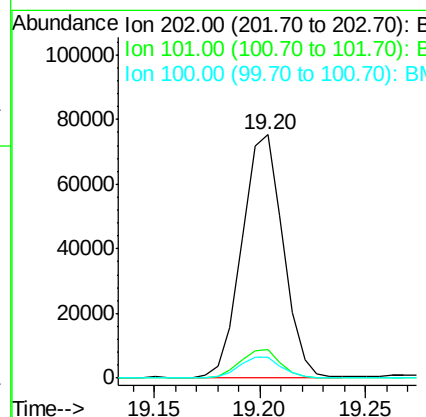
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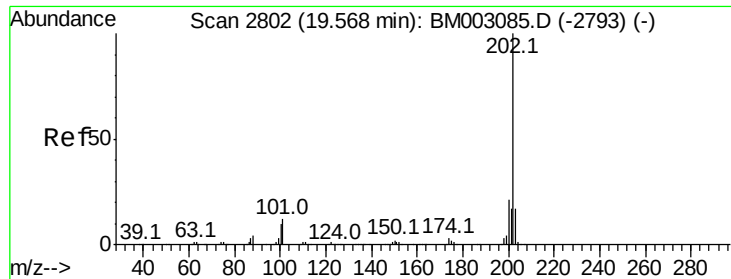
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#77
Fluoranthene
Concen: 2.80 ng/ul
RT: 19.20 min Scan# 2740
Delta R.T. -0.00 min
Lab File: BM003092.D
Acq: 11 Nov 2015 19:23

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.6	10.4	15.6
100	8.4	7.8	11.6





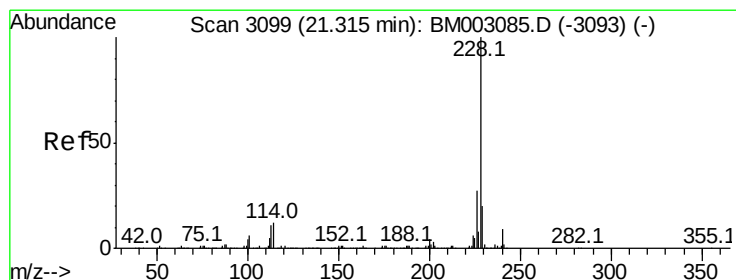
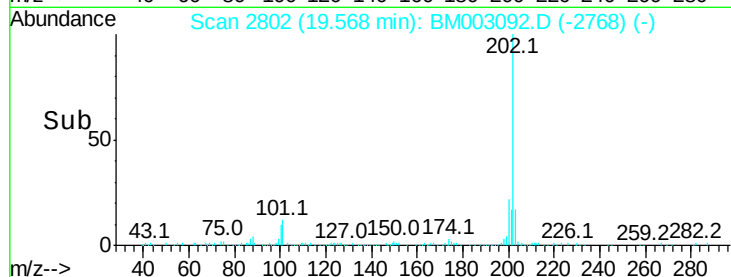
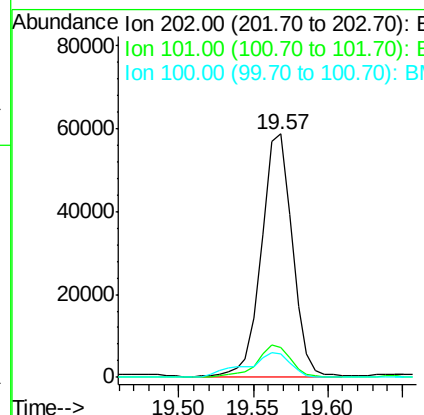
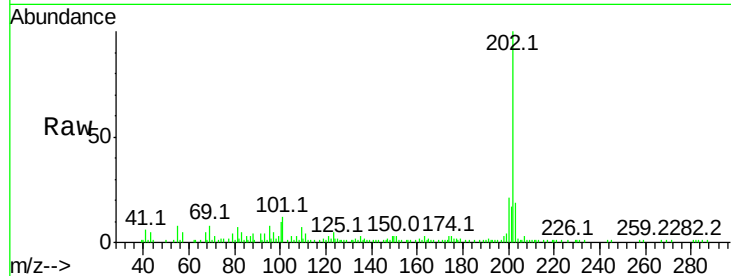
#80
Pvrene
Concen: 2.19 ng/ul
RT: 19.57 min Scan# 2802
Delta R.T. -0.00 min
Lab File: BM003092.D
Acq: 11 Nov 2015 19:23

Instrument :
BNA_M
ClientSampleId :
A4HR7

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.0	12.6	18.8#
100	9.7	10.6	15.8#

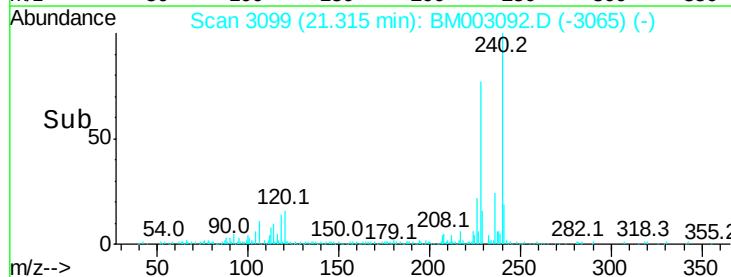
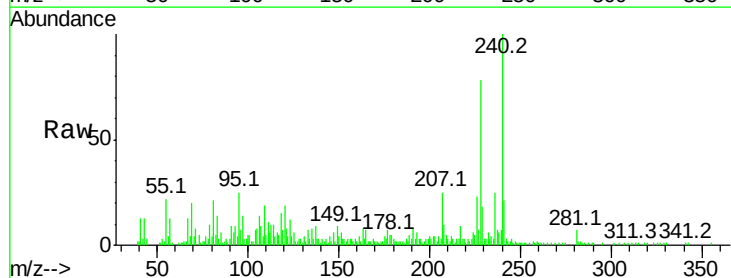
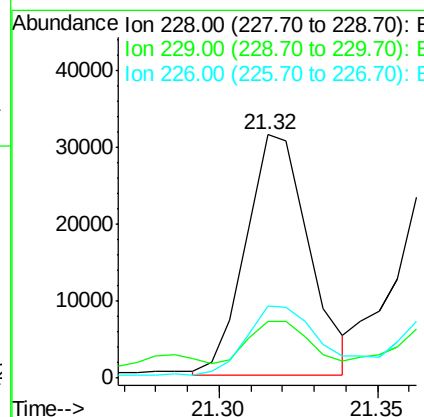
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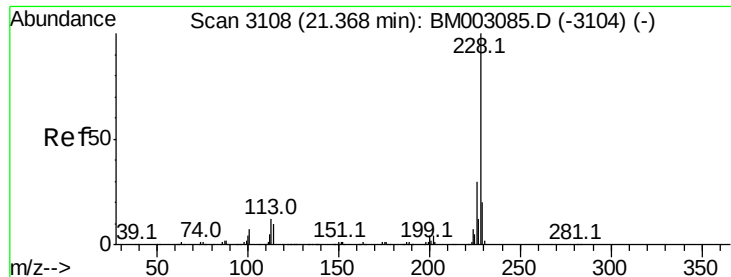
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#83
Benzo(a)anthracene
Concen: 1.33 ng/ul
RT: 21.32 min Scan# 3099
Delta R.T. -0.00 min
Lab File: BM003092.D
Acq: 11 Nov 2015 19:23

Tgt Ion	Ratio	Lower	Upper
228	100		
229	23.4	15.6	23.4#
226	29.6	21.0	31.6





#85

Chrysene

Concen: 1.45 ng/ul m

RT: 21.37 min Scan# 3108

Delta R.T. -0.00 min

Lab File: BM003092.D

Acq: 11 Nov 2015 19:23

Instrument :

BNA_M

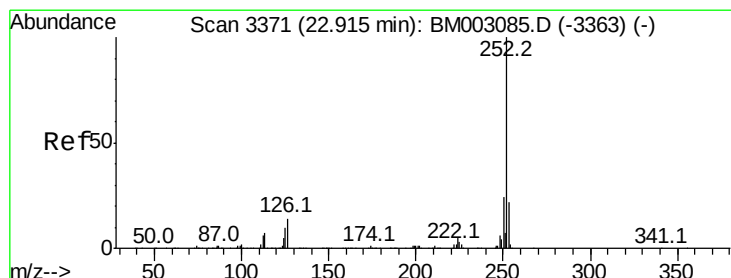
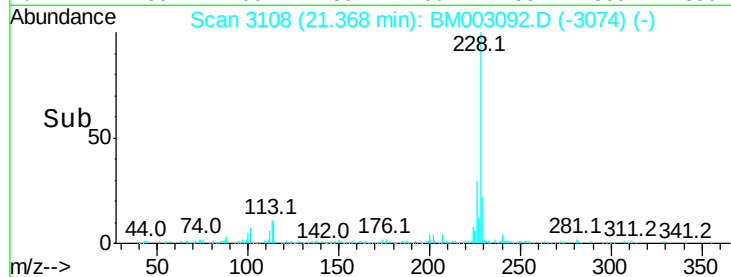
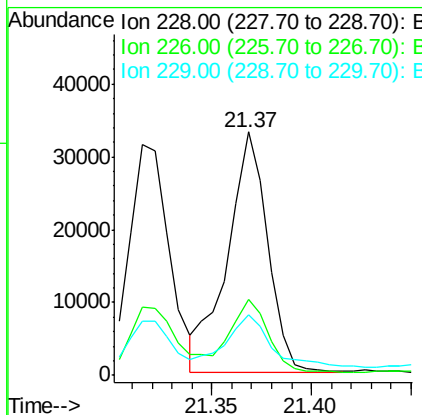
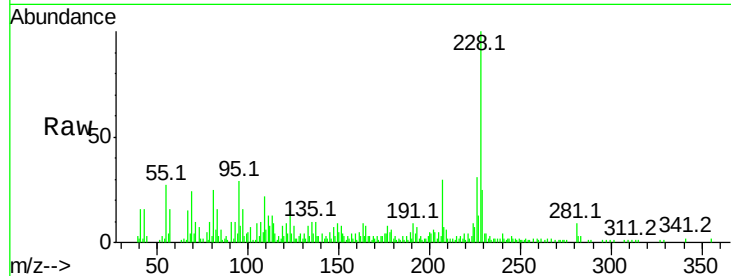
ClientSampleId :

A4HR7

Tot Ion:	228	Resp:	46528
Ion Ratio	Lower	Upper	
228	100		
226	31.2	23.3	34.9
229	24.9	15.8	23.6#

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 1.58 ng/ul

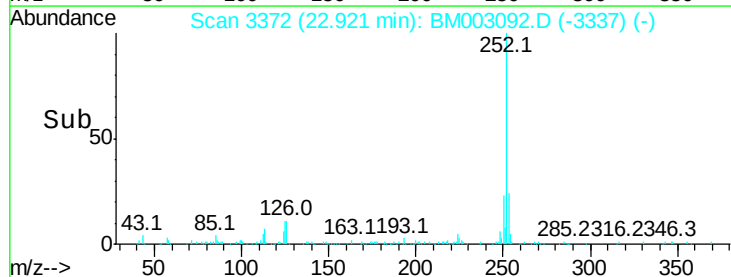
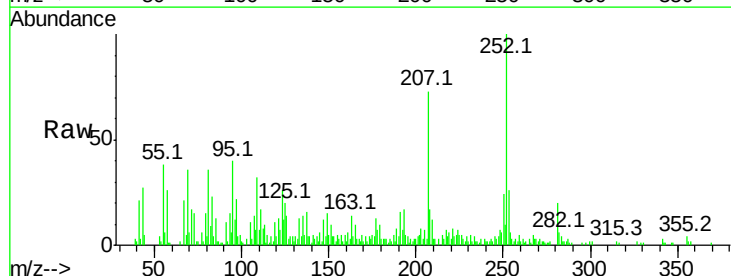
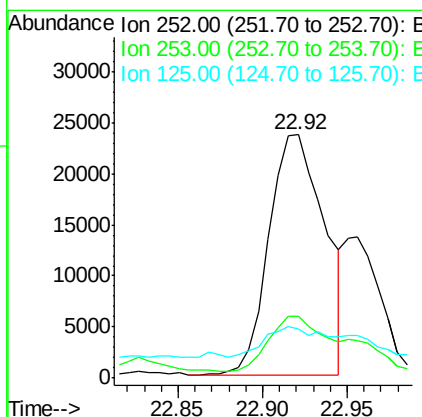
RT: 22.92 min Scan# 3372

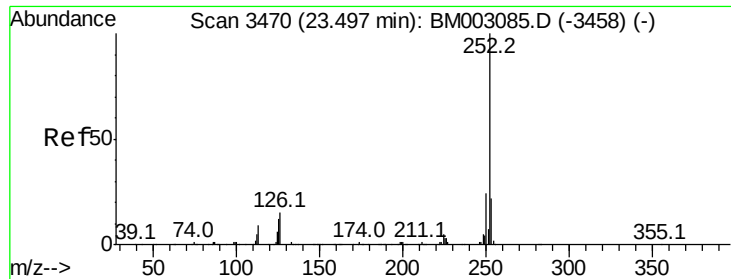
Delta R.T. 0.01 min

Lab File: BM003092.D

Acq: 11 Nov 2015 19:23

Tgt Ion:	252	Resp:	53649
Ion Ratio	Lower	Upper	
252	100		
253	25.6	17.4	26.2
125	20.1	10.7	16.1#





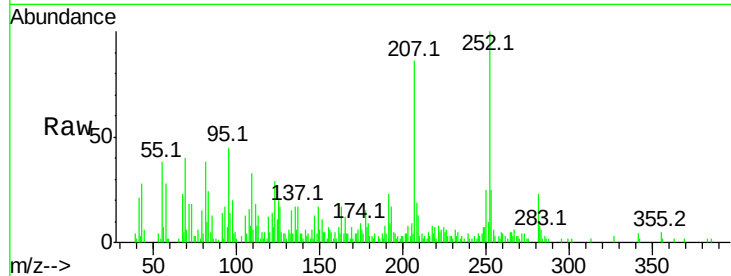
#91
 Benzo(a)pyrene
 Concen: 1.18 ng/ul
 RT: 23.50 min Scan# 3470
 Delta R.T. -0.00 min
 Lab File: BM003092.D
 Acq: 11 Nov 2015 19:23

Instrument :
 BNA_M
 ClientSampleId :
 A4HR7

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.1	25.7
125	19.6	11.9	17.9

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

