

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111515\
 Data File : BM003131.D
 Acq On : 15 Nov 2015 14:22
 Operator : UM/IZ
 Sample : G4401-19
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC791

Manual Integrations
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 11/16/2015 3:29:26 PM

Quant Time: Nov 16 03:05:38 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM103015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 16 02:34:54 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	115001	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	509622	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.39	164	280900	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.13	188	598358	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	604828	20.00	ng/ul	0.00
86) Perylene-d12	23.59	264	610265	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	11985	4.91	ng/uL	0.00
5) Phenol-d5	6.90	99	254097	27.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	149455	28.12	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	223903	29.06	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	214821	29.31	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	105786	34.04	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	114509	36.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	204734	28.99	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	296942	32.50	ng/ul	0.00
44) Dimethylphthalate-d6	13.80	166	660266	31.24	ng/ul	0.00
47) Acenaphthylene-d8	14.09	160	742071	27.71	ng/ul	0.00
52) 4-Nitrophenol-d4	14.58	143	105673	29.67	ng/ul	0.00
58) Fluorene-d10	15.39	176	497050	27.20	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.50	200	64867	23.41	ng/ul	0.00
71) Anthracene-d10	17.23	188	696842	26.27	ng/ul	0.00
79) Pyrene-d10	19.53	212	692606	23.26	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.44	264	644786	22.23	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	6.93	94	15725	1.68	ng/ul	90
45) Dimethylphthalate	13.85	163	353473	16.42	ng/ul	99
70) Phenanthrene	17.17	178	49660	1.47	ng/ul	99
77) Fluoranthene	19.20	202	189688	5.54	ng/ul	95
80) Pyrene	19.56	202	157952	3.99	ng/ul#	93
83) Benzo(a)anthracene	21.31	228	95912	2.89	ng/ul	95
85) Chrysene	21.36	228	79039	2.40	ng/ul	98
88) Benzo(b)fluoranthene	22.91	252	94332m	2.68	ng/ul	
89) Benzo(k)fluoranthene	22.95	252	35442m	1.08	ng/ul	
91) Benzo(a)pyrene	23.49	252	79964m	2.40	ng/ul	
92) Indeno(1,2,3-cd)pyrene	25.87	276	43767	1.20	ng/ul#	89
94) Benzo(g,h,i)perylene	26.57	276	37104	1.13	ng/ul#	92

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

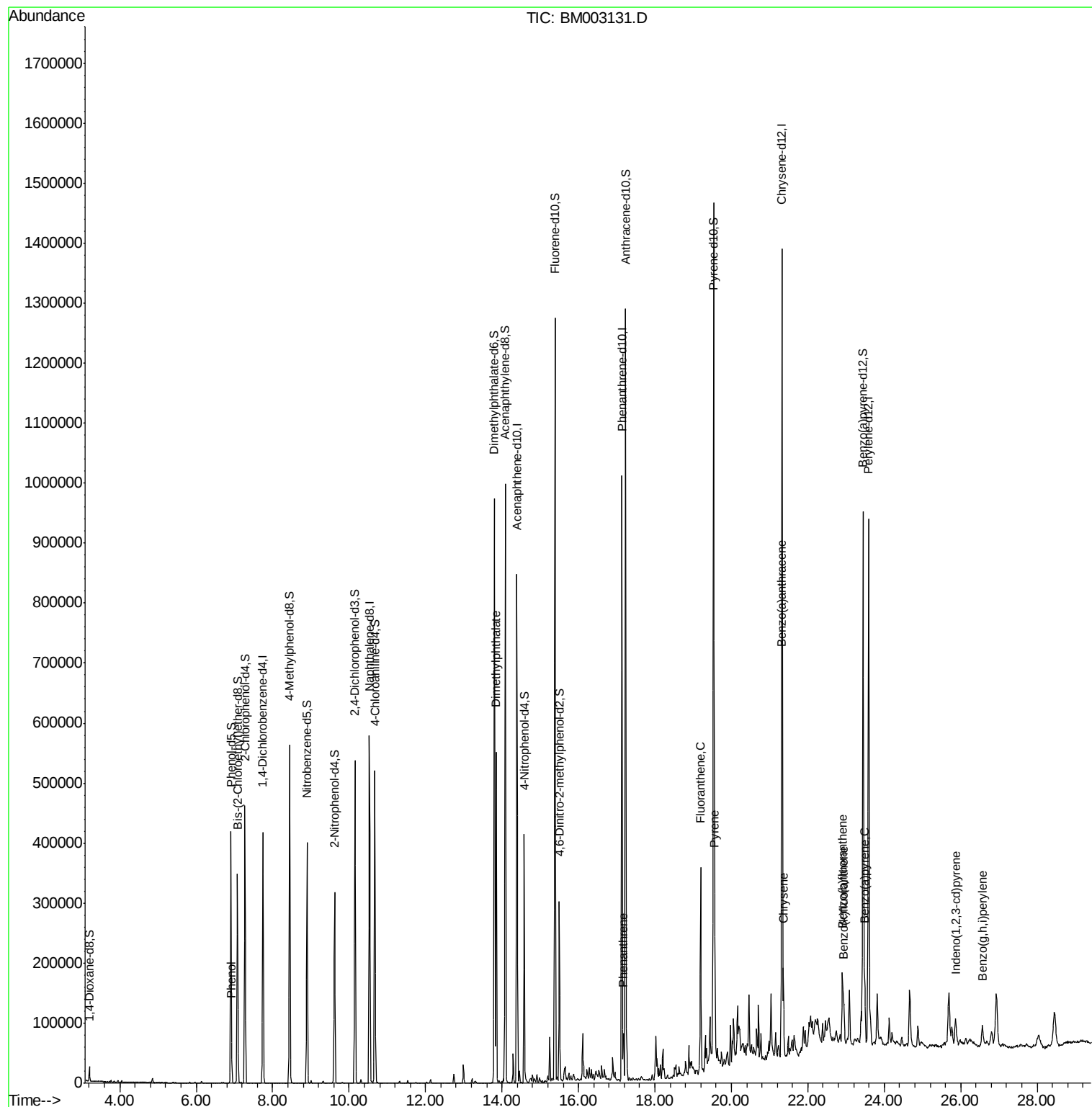
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111515\
Data File : BM003131.D
Acq On : 15 Nov 2015 14:22
Operator : UM/IZ
Sample : G4401-19
Misc :
ALS Vial : 8 Sample Multiplier: 1

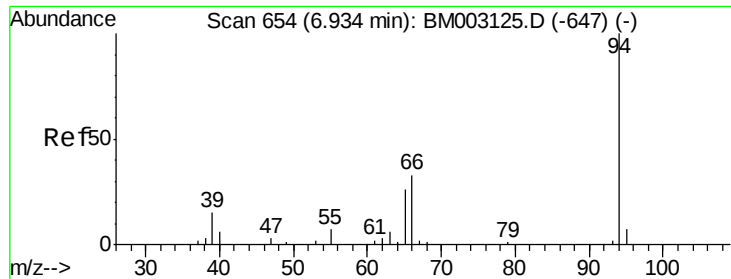
Instrument :
BNA_M
ClientSampleId :
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Quant Time: Nov 16 03:05:38 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM103015.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 16 02:34:54 2015
Response via : Initial Calibration





#6

Phenol

Concen: 1.68 ng/ul

RT: 6.93 min Scan# 654

Delta R.T. 0.00 min

Lab File: BM003131.D

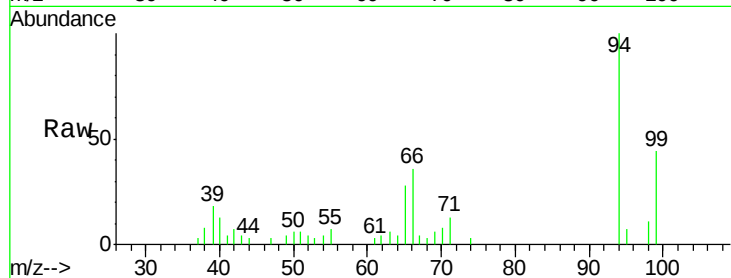
Acq: 15 Nov 2015 14:22

Instrument :

BNA_M

ClientSampleId :

BC791



Tgt Ion: 94 Resp: 15725

Ion Ratio Lower Upper

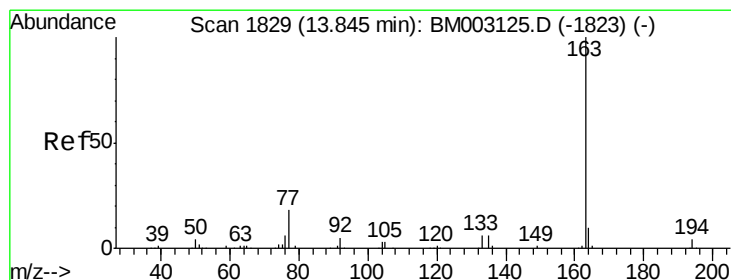
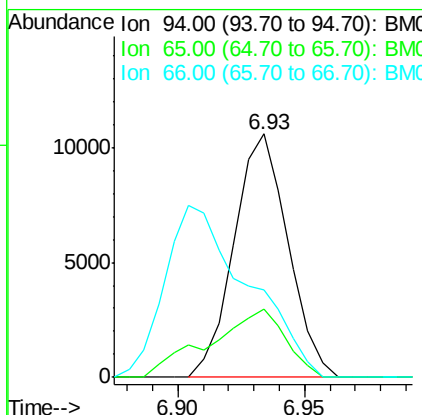
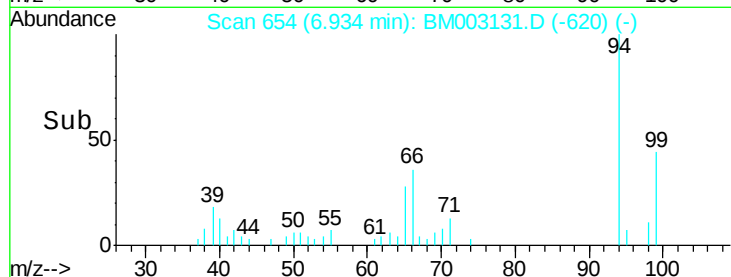
94 100

65 27.9 18.7 28.1

66 35.8 24.2 36.2

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#45

Dimethylphthalate

Concen: 16.42 ng/ul

RT: 13.85 min Scan# 1829

Delta R.T. 0.00 min

Lab File: BM003131.D

Acq: 15 Nov 2015 14:22

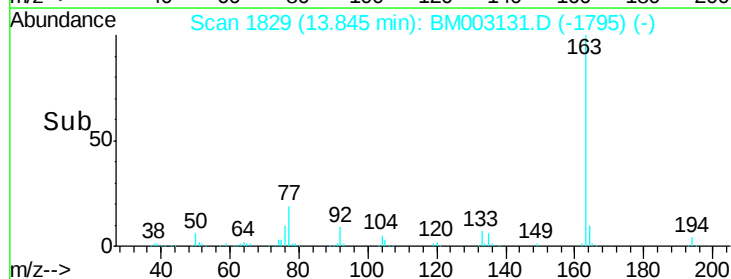
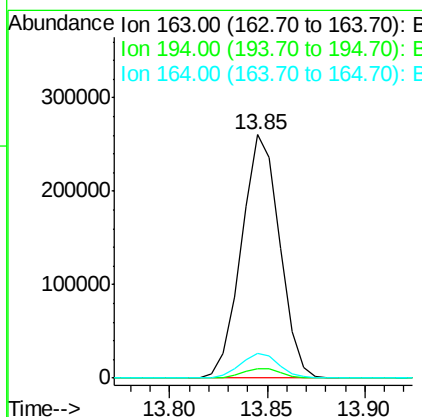
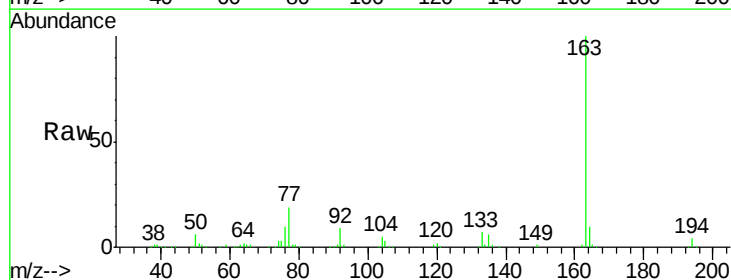
Tgt Ion: 163 Resp: 353473

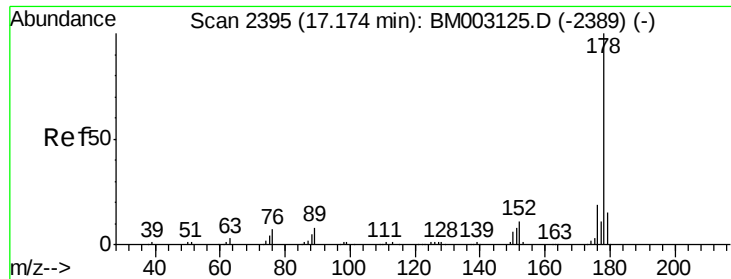
Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

164 10.2 7.8 11.8





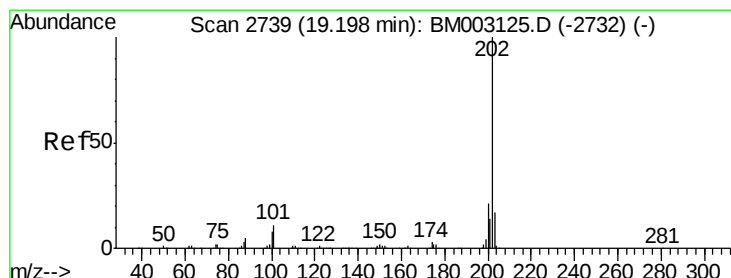
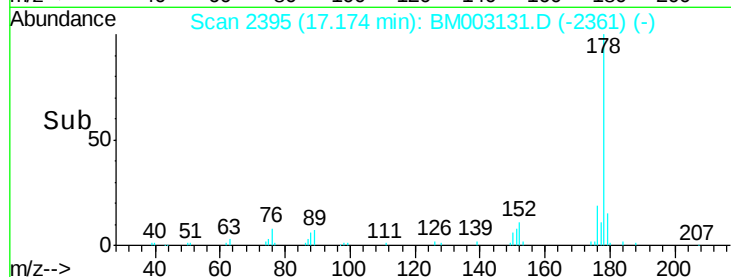
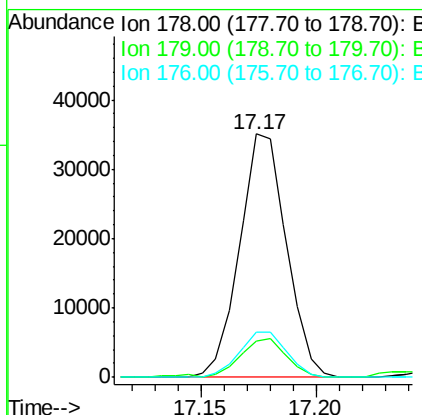
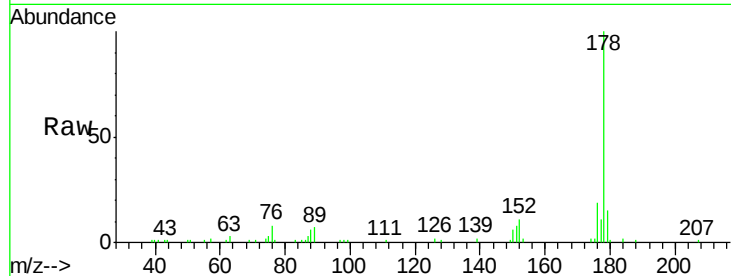
#70
Phenanthrene
Concen: 1.47 ng/ul
RT: 17.17 min Scan# 2395
Delta R.T. 0.00 min
Lab File: BM003131.D
Acq: 15 Nov 2015 14:22

Instrument :
BNA_M
ClientSampleId :
BC791

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	49660		
179	15.1	12.2	18.4	
176	18.8	14.7	22.1	

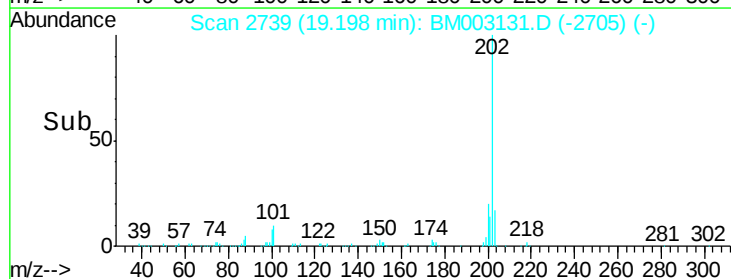
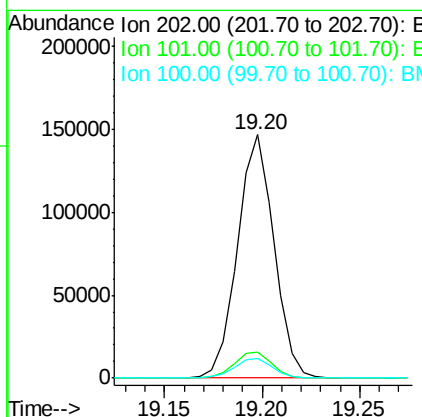
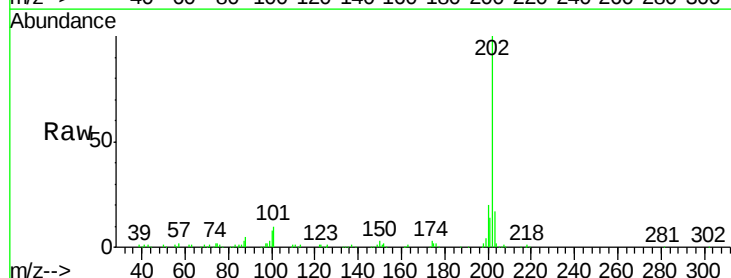
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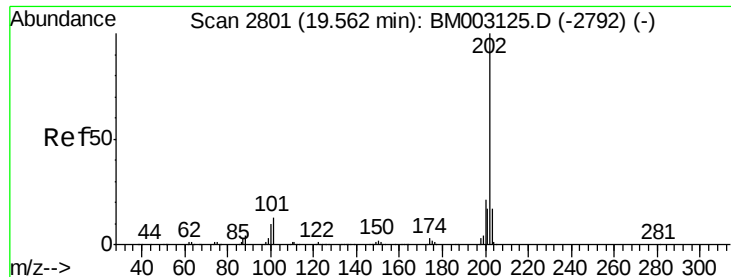
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#77
Fluoranthene
Concen: 5.54 ng/ul
RT: 19.20 min Scan# 2739
Delta R.T. 0.00 min
Lab File: BM003131.D
Acq: 15 Nov 2015 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	189688		
101	10.5	10.4	15.6	
100	8.2	7.8	11.6	





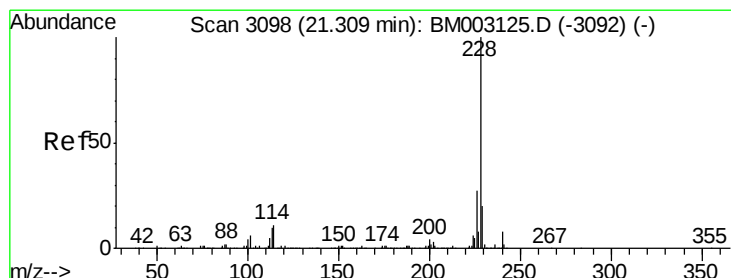
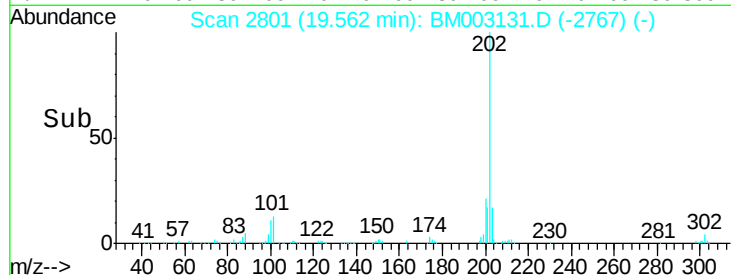
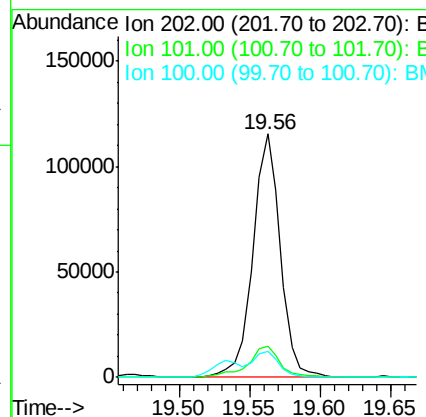
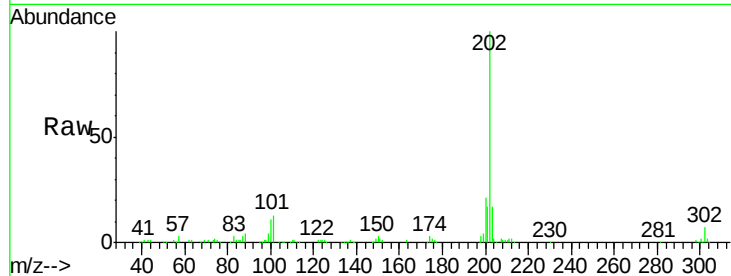
#80
Pyrene
Concen: 3.99 ng/ul
RT: 19.56 min Scan# 2801
Delta R.T. 0.00 min
Lab File: BM003131.D
Acq: 15 Nov 2015 14:22

Instrument :
BNA_M
ClientSampleId :
BC791

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	12.7	12.6	18.8
100	10.5	10.6	15.8

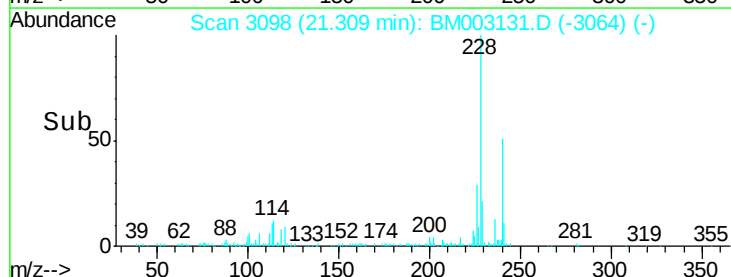
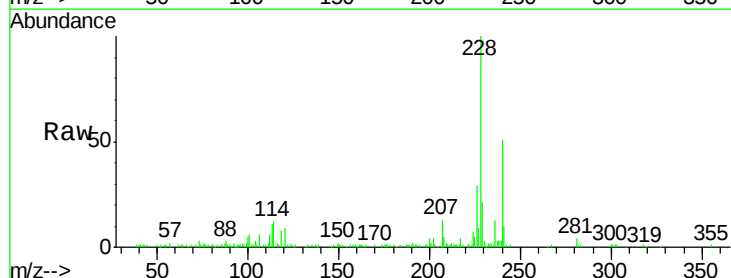
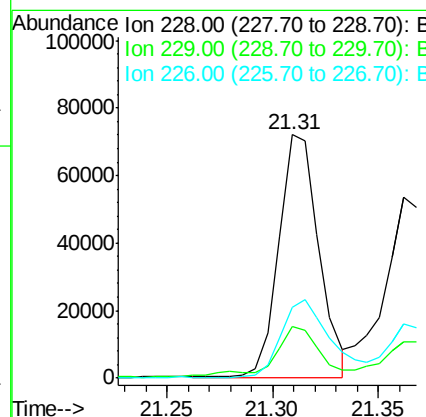
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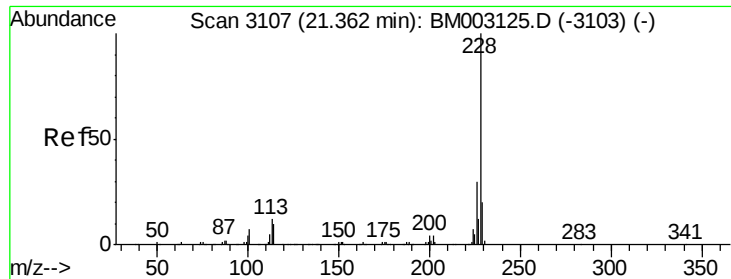
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#83
Benzo(a)anthracene
Concen: 2.89 ng/ul
RT: 21.31 min Scan# 3098
Delta R.T. 0.00 min
Lab File: BM003131.D
Acq: 15 Nov 2015 14:22

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	21.2	15.6	23.4
226	29.0	21.0	31.6





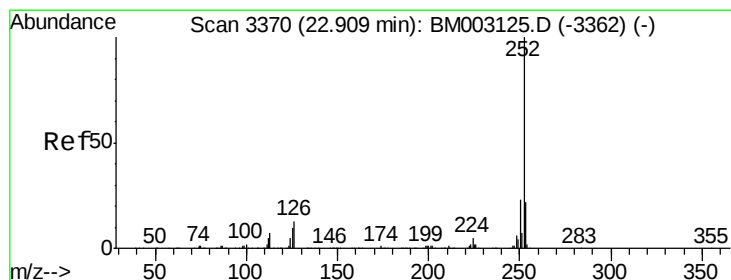
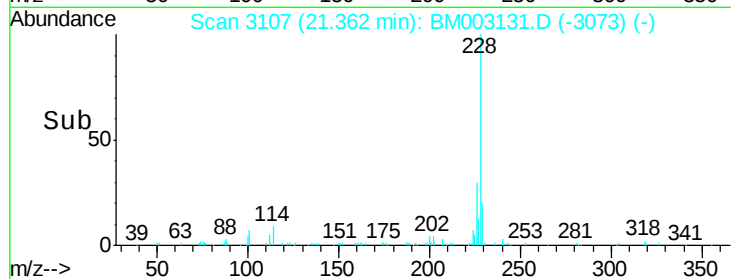
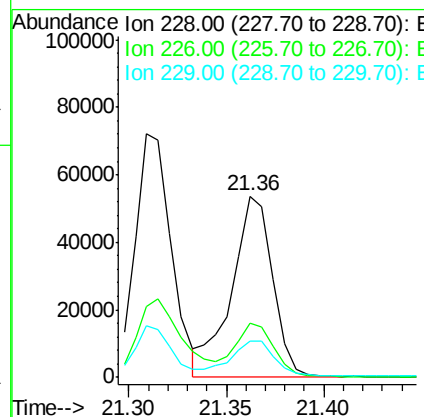
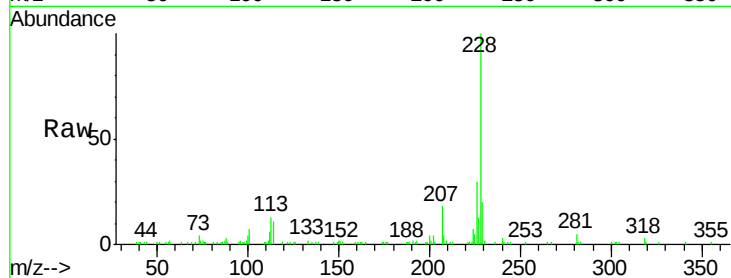
#85
Chrysene
Concen: 2.40 ng/ul
RT: 21.36 min Scan# 3107
Delta R.T. 0.00 min
Lab File: BM003131.D
Acq: 15 Nov 2015 14:22

Instrument :
BNA_M
ClientSampled :
BC791

Tgt Ion:	228	Resp:	79039
Ion Ratio	Lower	Upper	
228	100		
226	30.2	23.3	34.9
229	20.2	15.8	23.6

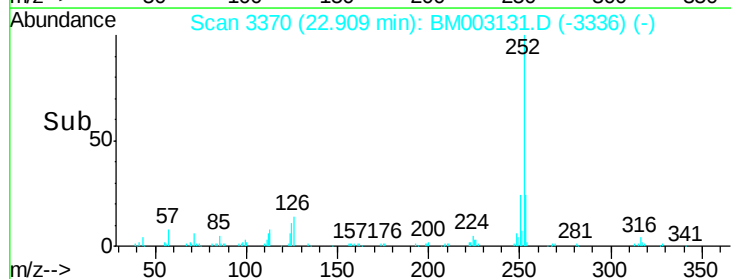
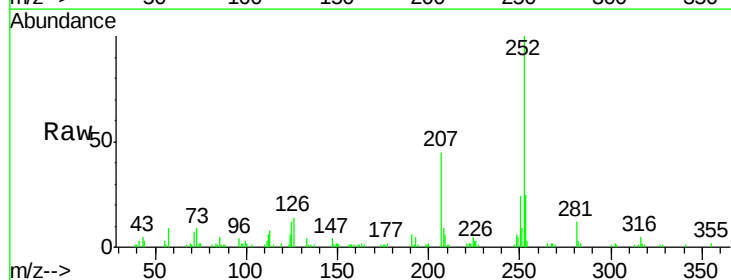
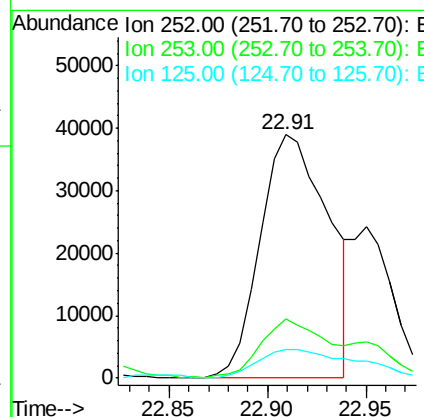
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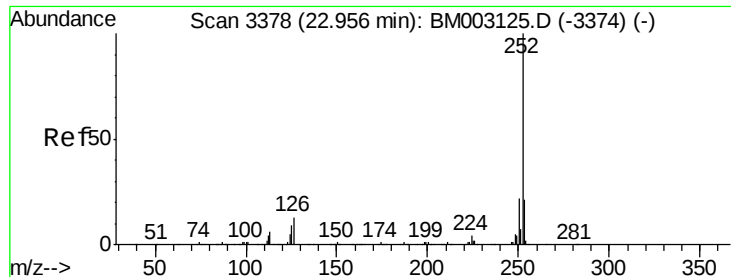
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#88
Benzo(b)fluoranthene
Concen: 2.68 ng/ul m
RT: 22.91 min Scan# 3370
Delta R.T. 0.00 min
Lab File: BM003131.D
Acq: 15 Nov 2015 14:22

Tgt Ion:	252	Resp:	94332
Ion Ratio	Lower	Upper	
252	100		
253	24.5	17.4	26.2
125	12.0	10.7	16.1





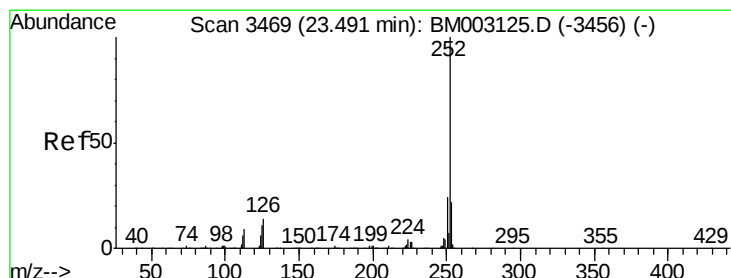
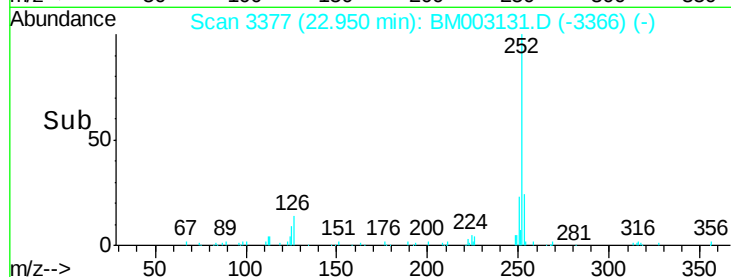
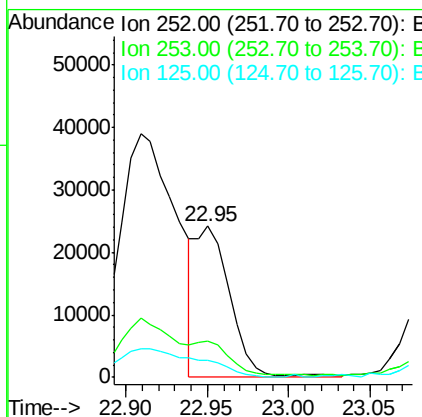
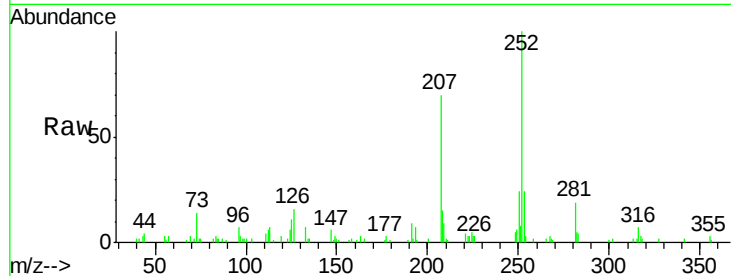
#89
Benzo(k)fluoranthene
Concen: 1.08 ng/ul m
RT: 22.95 min Scan# 3377
Delta R.T. -0.01 min
Lab File: BM003131.D
Acq: 15 Nov 2015 14:22

Instrument :
BNA_M
ClientSampled :
BC791

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.4	26.0
125	11.1	11.1	16.7#

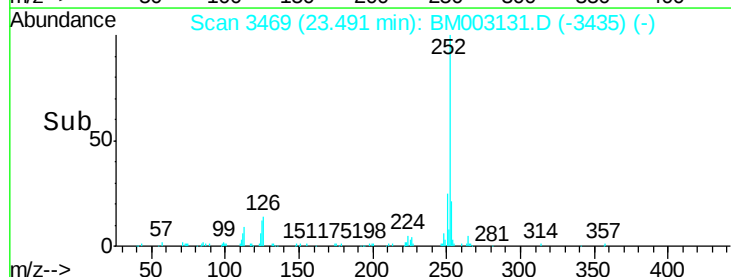
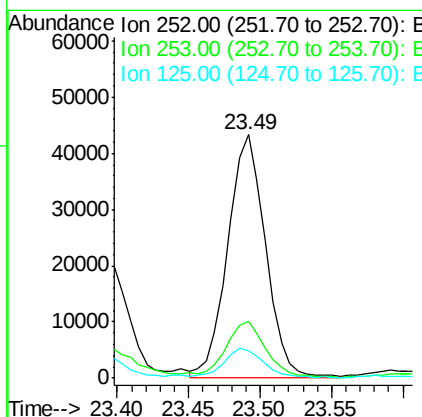
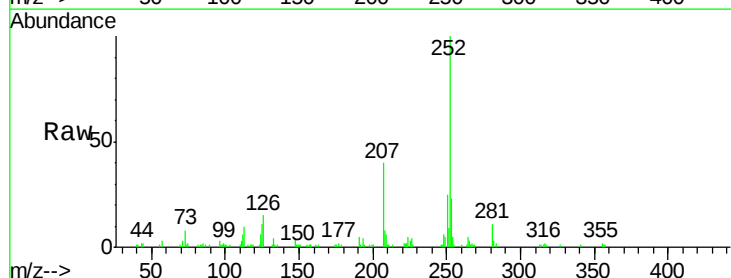
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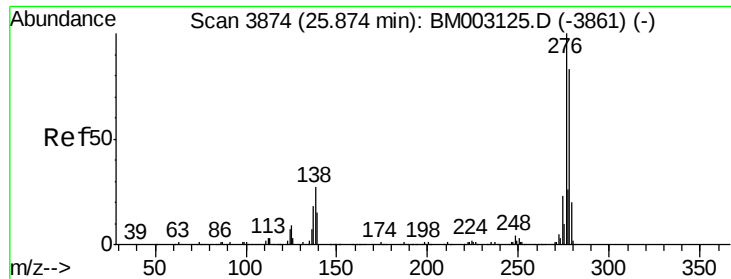
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#91
Benzo(a)pyrene
Concen: 2.40 ng/ul m
RT: 23.49 min Scan# 3469
Delta R.T. 0.00 min
Lab File: BM003131.D
Acq: 15 Nov 2015 14:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.1	25.7
125	11.4	11.9	17.9#





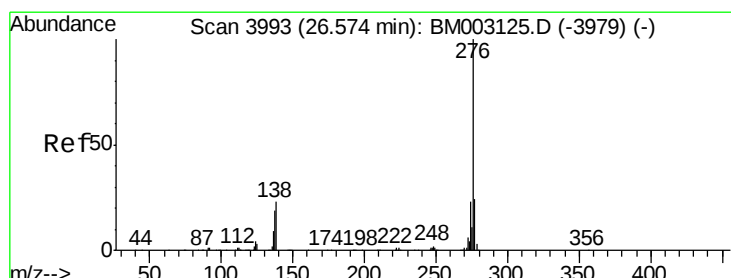
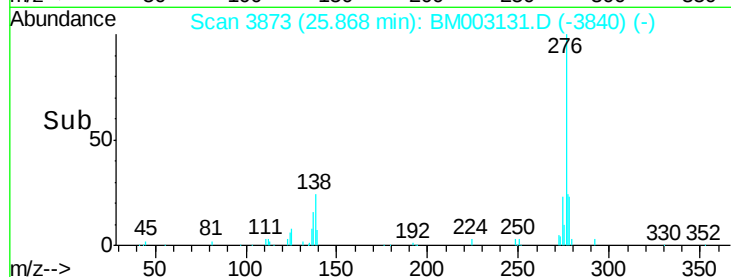
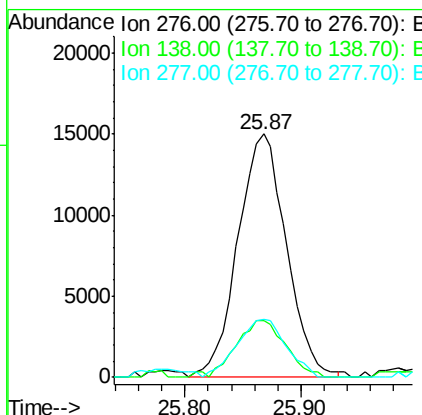
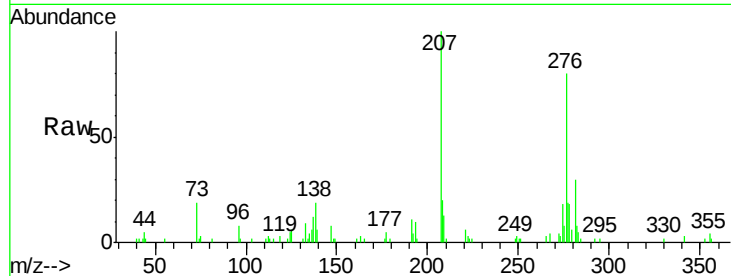
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 Indeno(1,2,3-cd)pyrene
 Concen: 1.20 ng/ul
 RT: 25.87 min Scan# 3873
 Delta R.T. -0.01 min
 Lab File: BM003131.D
 Acq: 15 Nov 2015 14:22

Instrument :
 BNA_M
 ClientSampleId :
 BC791

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.4	26.6	40.0#
277	23.6	20.2	30.4

Manual Integrations
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#94
 Benzo(g,h,i)perylene
 Concen: 1.13 ng/ul
 RT: 26.57 min Scan# 3992
 Delta R.T. -0.01 min
 Lab File: BM003131.D
 Acq: 15 Nov 2015 14:22

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.6	23.8	35.6#
277	23.3	19.4	29.2

