

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111515\
 Data File : BM003128.D
 Acq On : 15 Nov 2015 12:35
 Operator : UM/IZ
 Sample : G4401-13
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC786

Manual Integrations
 APPROVED

mmdadoda
 11/16/2015 3:29:16 PM

Quant Time: Nov 16 03:34:25 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	129188	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	573208	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.39	164	310435	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.13	188	626124	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	592704	20.00	ng/ul	0.00
86) Perylene-d12	23.59	264	607532	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	9720	3.55	ng/uL	0.00
5) Phenol-d5	6.90	99	192533	18.85	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	115225	19.30	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	166747	19.27	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	160485	19.49	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	78607	22.49	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	85666	24.19	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	154852	19.50	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	170789	16.62	ng/ul	0.00
44) Dimethylphthalate-d6	13.80	166	502109	21.50	ng/ul	0.00
47) Acenaphthylene-d8	14.08	160	558546	18.87	ng/ul	0.00
52) 4-Nitrophenol-d4	14.58	143	65928	16.75	ng/ul	0.00
58) Fluorene-d10	15.39	176	397369	19.68	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.50	200	47431	16.36	ng/ul	0.00
71) Anthracene-d10	17.23	188	563761	20.31	ng/ul	0.00
79) Pyrene-d10	19.53	212	534879	18.33	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.44	264	574032	19.88	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	6.93	94	11471	1.09	ng/ul	92
28) Naphthalene	10.59	128	30466	1.06	ng/ul	99
45) Dimethylphthalate	13.84	163	571772	24.03	ng/ul	99
48) Acenaphthylene	14.11	152	47310	1.50	ng/ul	99
59) Fluorene	15.44	166	33155	1.43	ng/ul	96
70) Phenanthrene	17.18	178	680199	19.18	ng/ul	99
72) Anthracene	17.27	178	338767	9.78	ng/ul	99
77) Fluoranthene	19.20	202	1847516	51.54	ng/ul	96
80) Pyrene	19.56	202	1477935	38.11	ng/ul#	94
83) Benzo(a)anthracene	21.32	228	964897m	29.64	ng/ul	
84) Bis(2-ethylhexyl)phthalate	21.24	149	18738	1.05	ng/ul#	99
85) Chrysene	21.37	228	732701	22.75	ng/ul	97
88) Benzo(b)fluoranthene	22.91	252	956600	27.33	ng/ul	97
89) Benzo(k)fluoranthene	22.95	252	371089m	11.36	ng/ul	
91) Benzo(a)pyrene	23.49	252	722908m	21.82	ng/ul	
92) Indeno(1,2,3-cd)pyrene	25.87	276	399371	10.96	ng/ul#	89
93) Dibenzo(a,h)anthracene	25.87	278	111672	3.89	ng/ul	96
94) Benzo(g,h,i)perylene	26.57	276	305966	9.33	ng/ul#	93

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

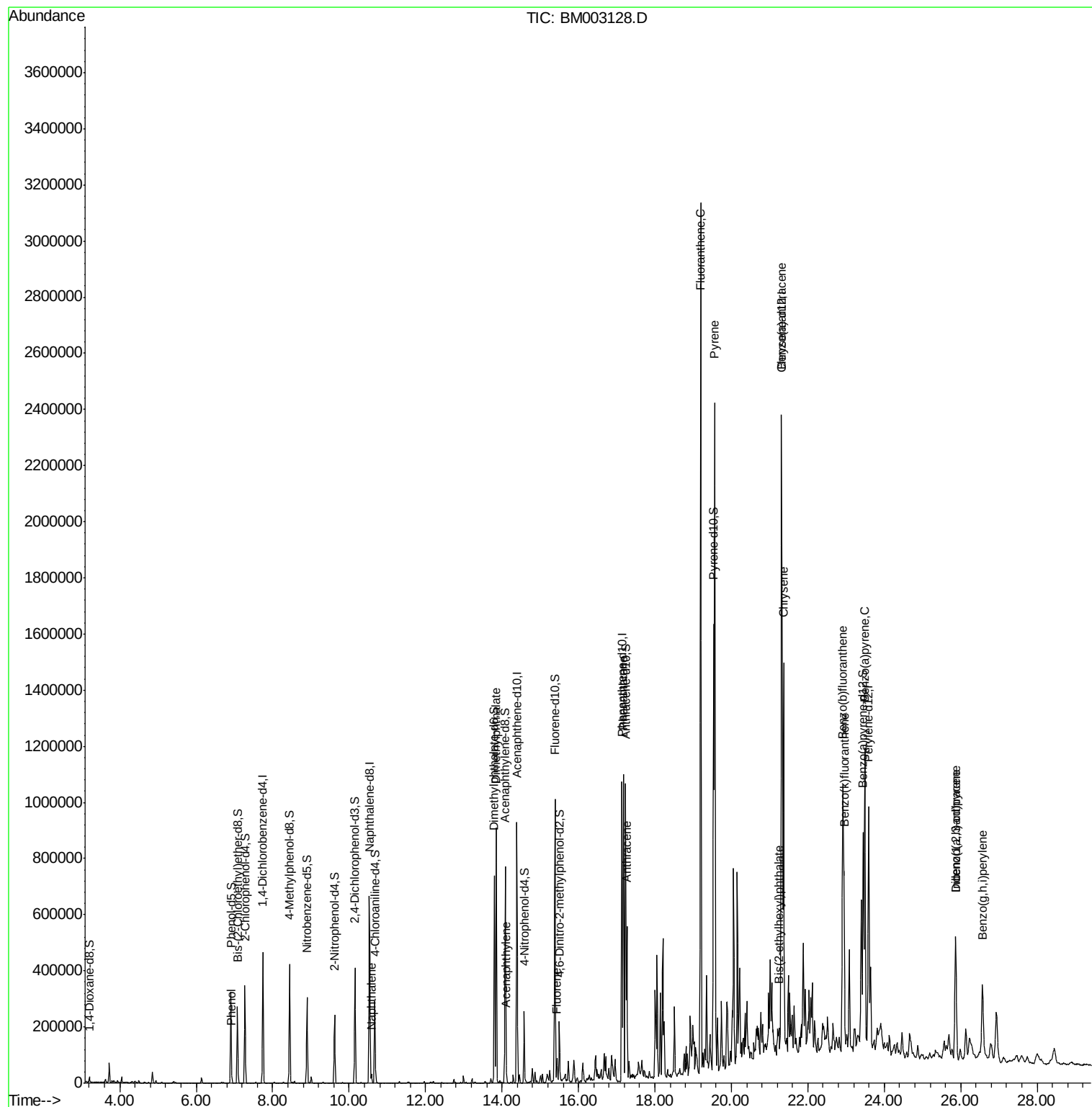
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111515\
Data File : BM003128.D
Acq On : 15 Nov 2015 12:35
Operator : UM/IZ
Sample : G4401-13
Misc :
ALS Vial : 5 Sample Multiplier: 1

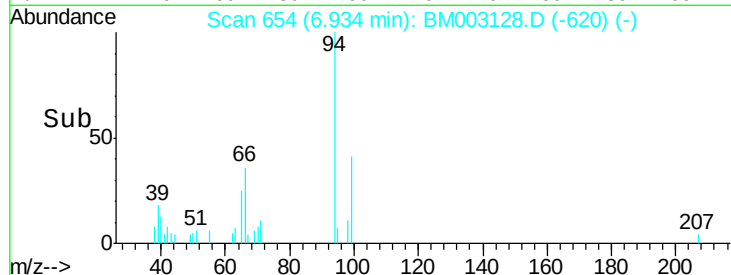
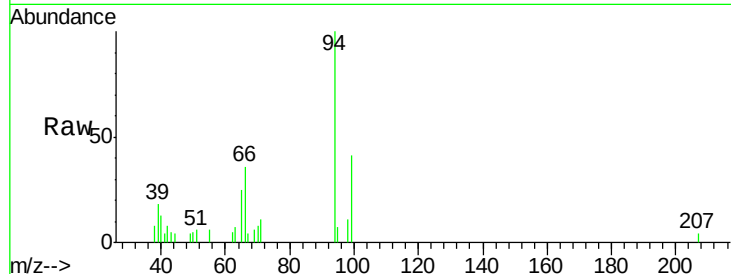
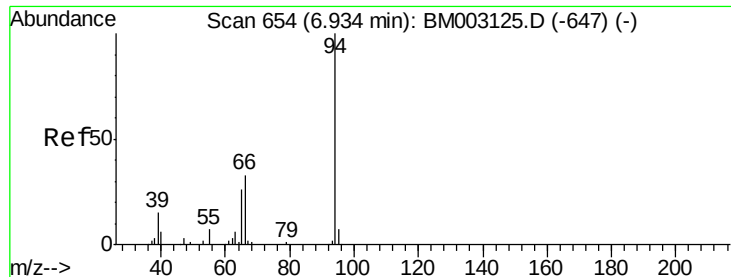
Instrument :
BNA_M
ClientSampleId :
BC786

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Quant Time: Nov 16 03:34:25 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: 1.09 ng/ul

RT: 6.93 min Scan# 654

Delta R.T. -0.00 min

Lab File: BM003128.D

Acq: 15 Nov 2015 12:35

Instrument :

BNA_M

ClientSampleId :

BC786

Tgt Ion: 94 Resp: 11471

Ion Ratio Lower Upper

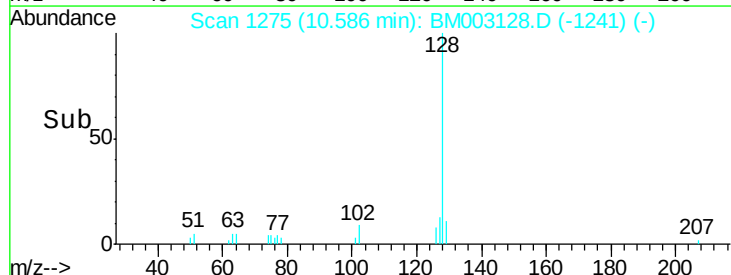
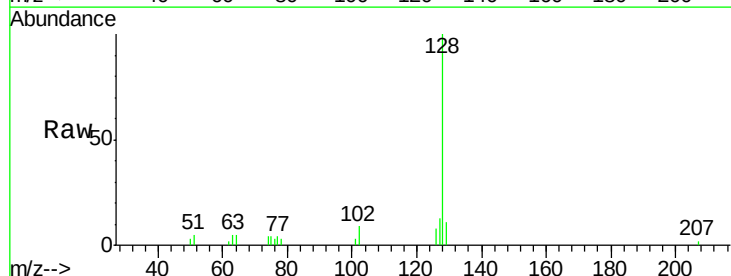
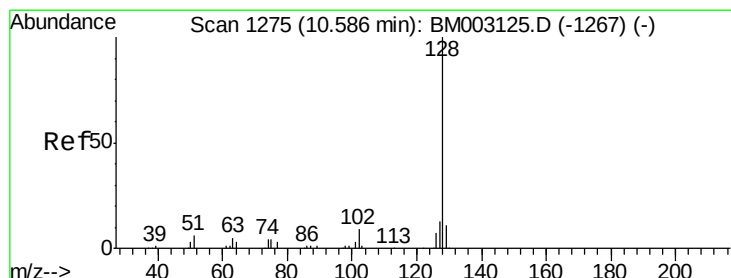
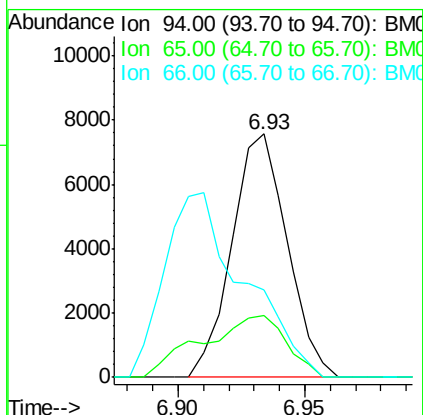
94 100

65 25.5 18.7 28.1

66 35.7 24.2 36.2

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#28

Naphthalene

Concen: 1.06 ng/ul

RT: 10.59 min Scan# 1275

Delta R.T. -0.00 min

Lab File: BM003128.D

Acq: 15 Nov 2015 12:35

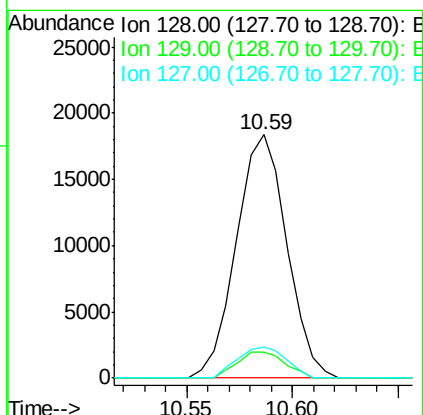
Tgt Ion: 128 Resp: 30466

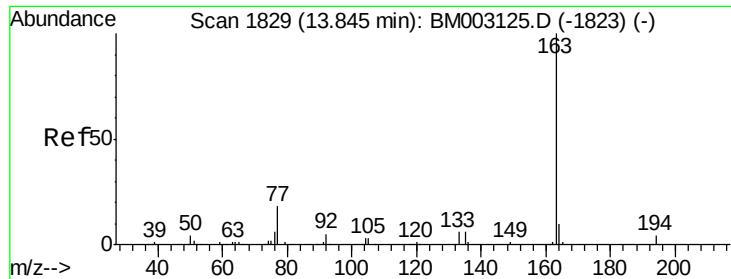
Ion Ratio Lower Upper

128 100

129 10.7 8.8 13.2

127 12.7 10.5 15.7





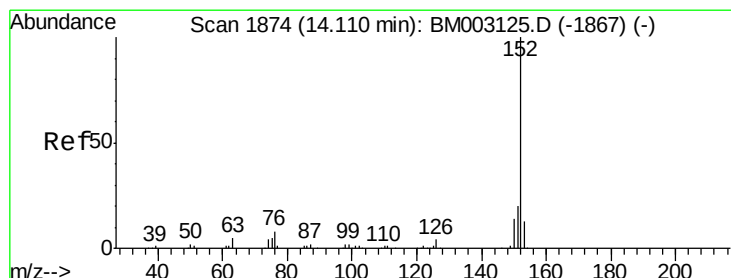
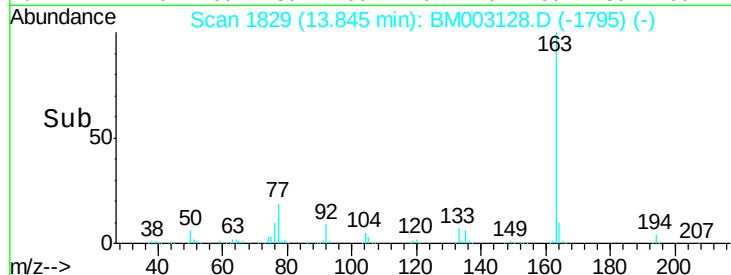
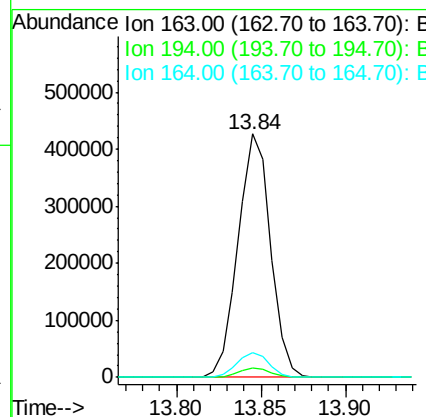
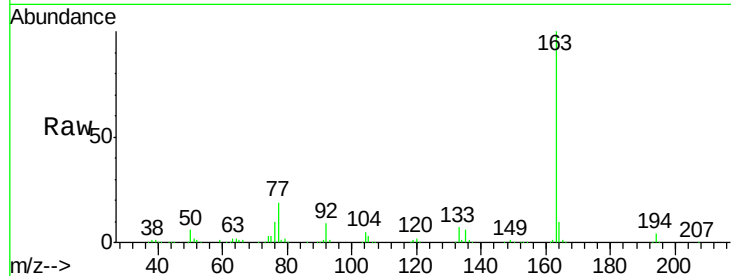
#45
Dimethylphthalate
Concen: 24.03 ng/ul
RT: 13.84 min Scan# 1829
Delta R.T. -0.00 min
Lab File: BM003128.D
Acq: 15 Nov 2015 12:35

Instrument :
BNA_M
ClientSampleId :
BC786

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	571772		
194	4.0		3.2	4.8
164	10.2		7.8	11.8

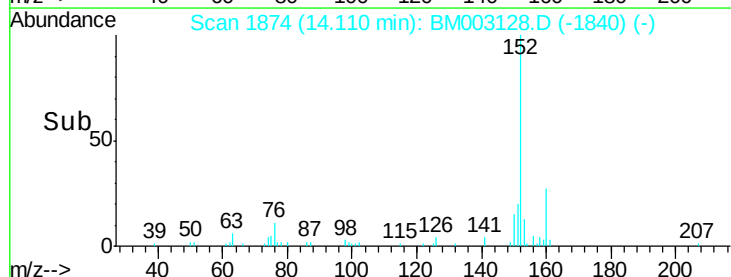
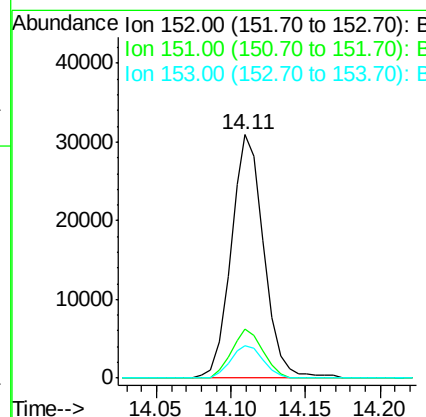
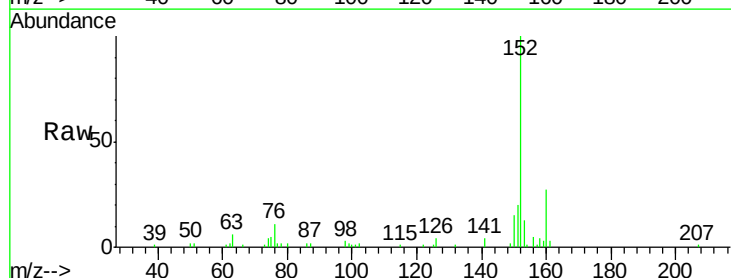
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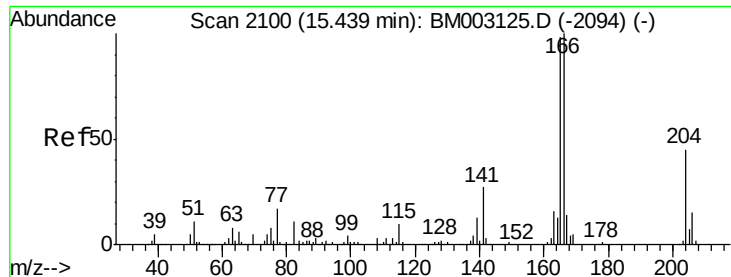
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#48
Acenaphthylene
Concen: 1.50 ng/ul
RT: 14.11 min Scan# 1874
Delta R.T. -0.00 min
Lab File: BM003128.D
Acq: 15 Nov 2015 12:35

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	47310		
151	20.1		15.8	23.6
153	13.1		10.3	15.5





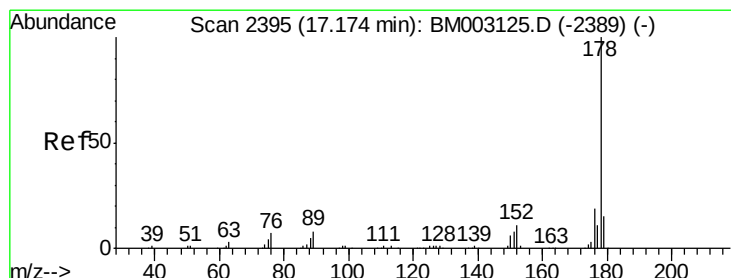
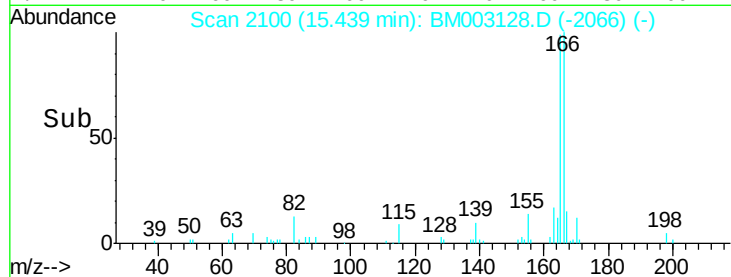
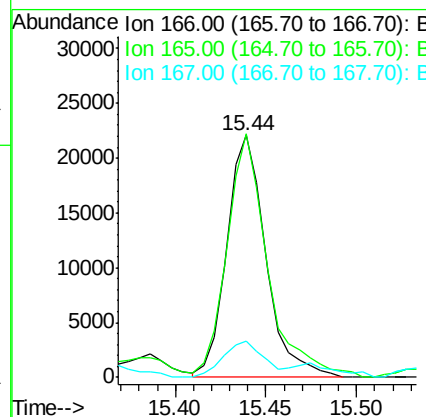
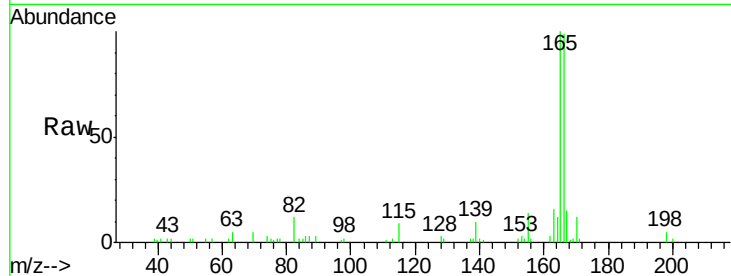
#59
 Fluorene
 Concen: 1.43 ng/ul
 RT: 15.44 min Scan# 2100
 Delta R.T. -0.00 min
 Lab File: BM003128.D
 Acq: 15 Nov 2015 12:35

Instrument :
 BNA_M
 ClientSampleId :
 BC786

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	33155		
165	100.7	77.2	115.8	
167	14.8	10.2	15.4	

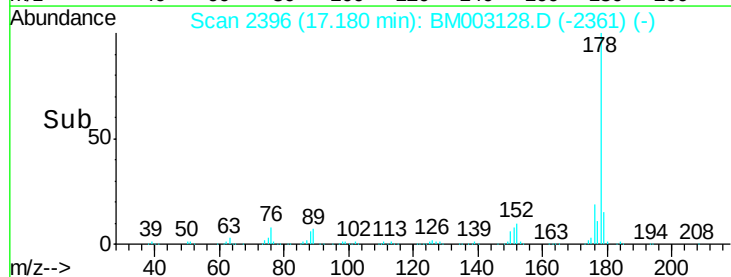
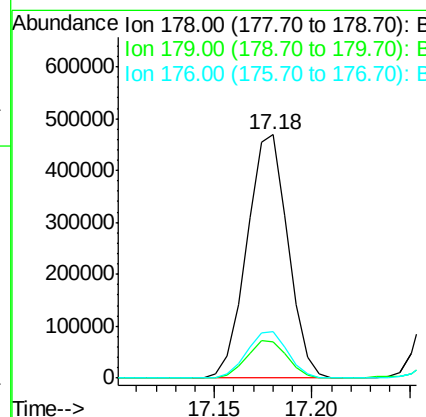
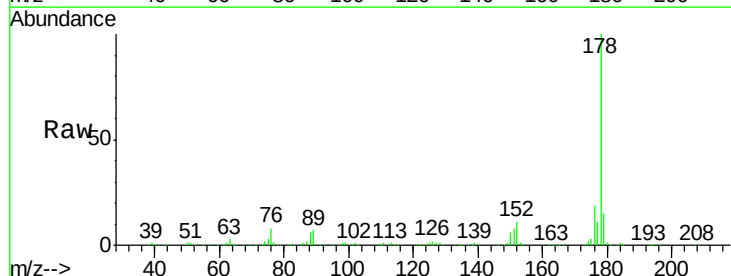
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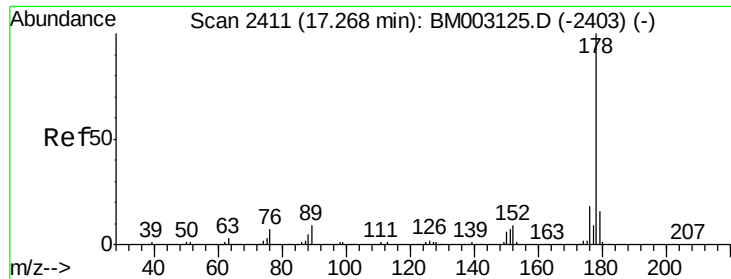
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#70
 Phenanthrene
 Concen: 19.18 ng/ul
 RT: 17.18 min Scan# 2396
 Delta R.T. 0.01 min
 Lab File: BM003128.D
 Acq: 15 Nov 2015 12:35

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	680199		
179	15.1	12.2	18.4	
176	18.9	14.7	22.1	





#72

Anthracene

Concen: 9.78 ng/ul

RT: 17.27 min Scan# 2411

Delta R.T. -0.00 min

Lab File: BM003128.D

Acq: 15 Nov 2015 12:35

Instrument :

BNA_M

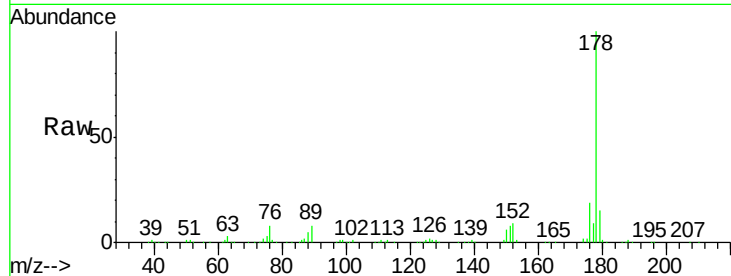
ClientSampleId :

BC786

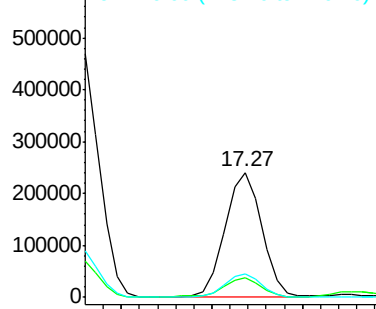
Tgt Ion:	178	Resp:	338767
Ion Ratio	Lower	Upper	
178	100		
179	15.2	12.3	18.5
176	18.9	14.4	21.6

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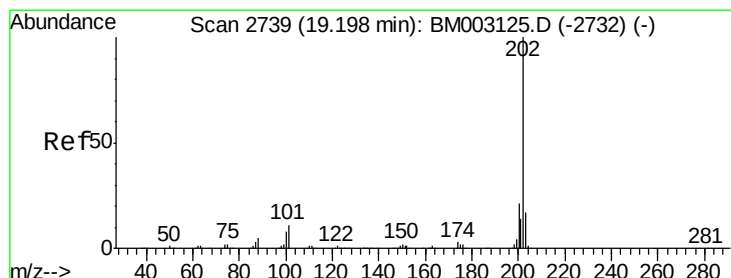
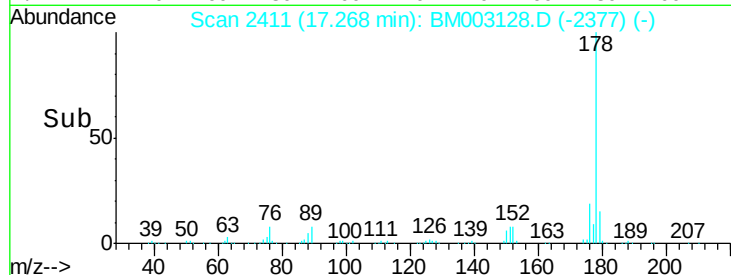
mmdadoda
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



Time-->



#77

Fluoranthene

Concen: 51.54 ng/ul

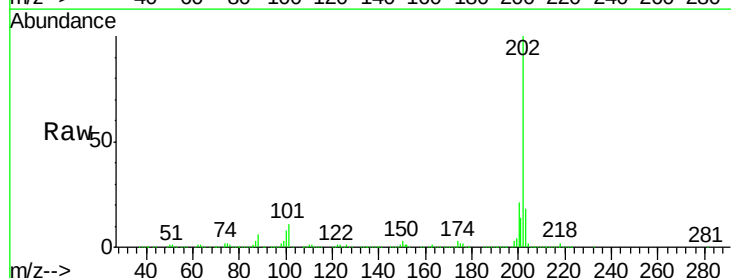
RT: 19.20 min Scan# 2739

Delta R.T. -0.00 min

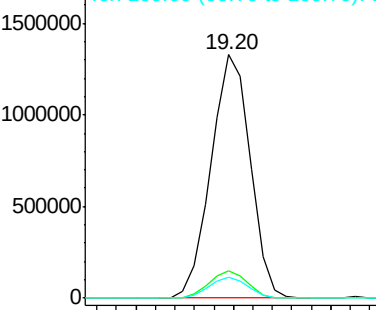
Lab File: BM003128.D

Acq: 15 Nov 2015 12:35

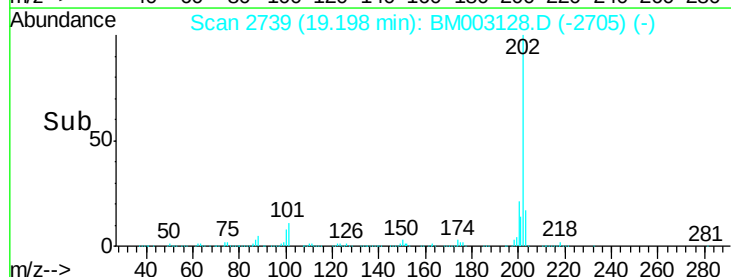
Tgt Ion:	202	Resp:	1847516
Ion Ratio	Lower	Upper	
202	100		
101	11.3	10.4	15.6
100	8.5	7.8	11.6

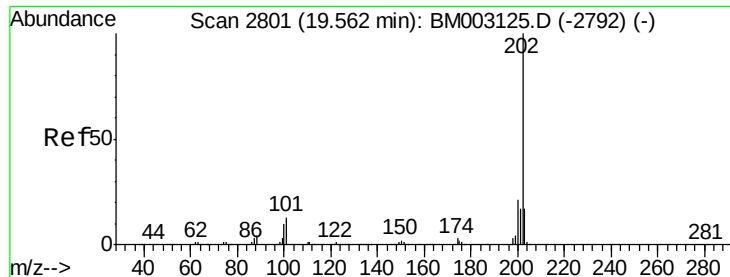


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



Time-->





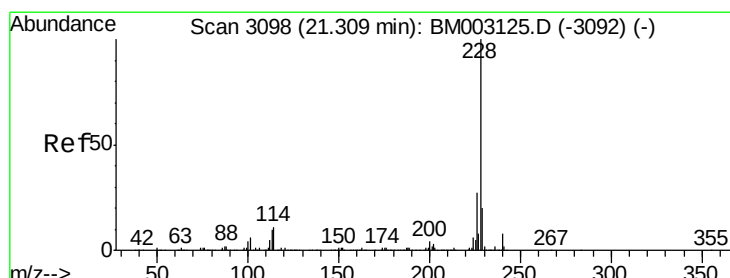
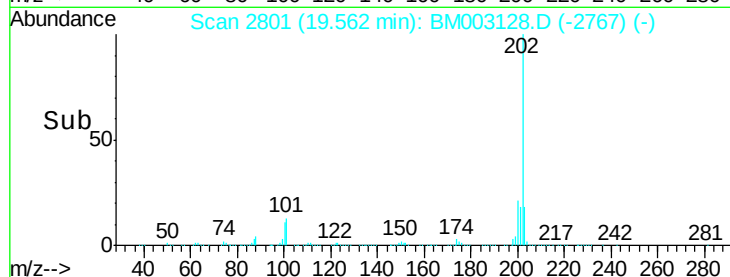
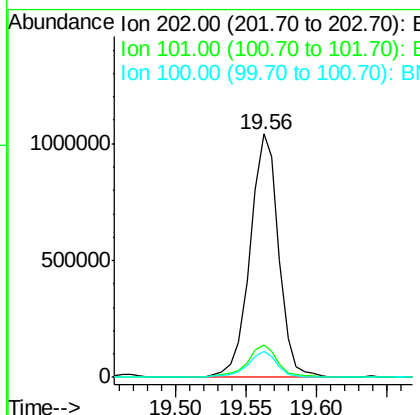
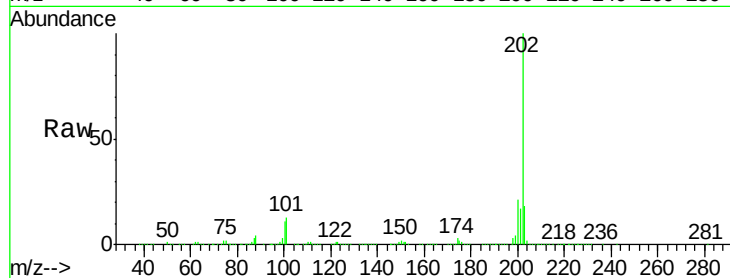
#80
Pyrene
Concen: 38.11 ng/ul
RT: 19.56 min Scan# 2801
Delta R.T. -0.00 min
Lab File: BM003128.D
Acq: 15 Nov 2015 12:35

Instrument :
BNA_M
ClientSampleId :
BC786

Tgt	Ion	Ratio	Lower	Upper
202	100			
101	13.2	12.6	18.8	
100	10.5	10.6	15.8	

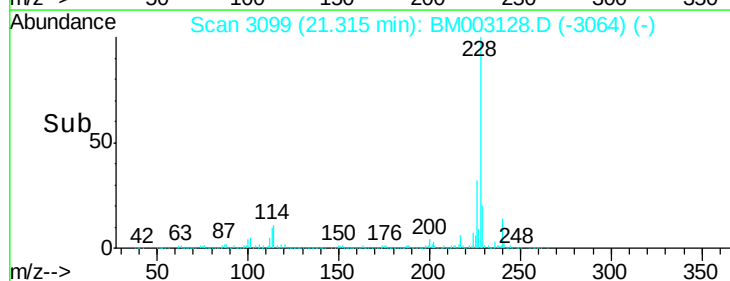
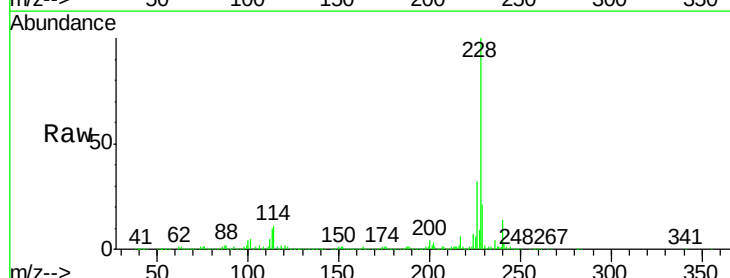
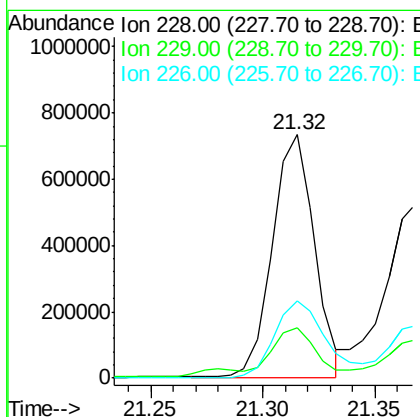
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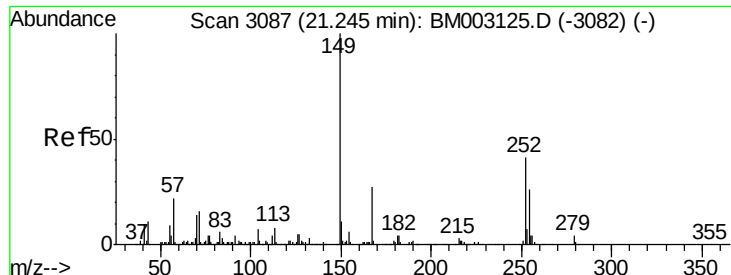
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#83
Benzo(a)anthracene
Concen: 29.64 ng/ul m
RT: 21.32 min Scan# 3099
Delta R.T. 0.01 min
Lab File: BM003128.D
Acq: 15 Nov 2015 12:35

Tgt	Ion	Ratio	Lower	Upper
228	100			
229	20.8	15.6	23.4	
226	31.8	21.0	31.6	





#84

Bis(2-ethylhexyl)phthalate

Concen: 1.05 ng/ul

RT: 21.24 min Scan# 3087

Delta R.T. -0.00 min

Lab File: BM003128.D

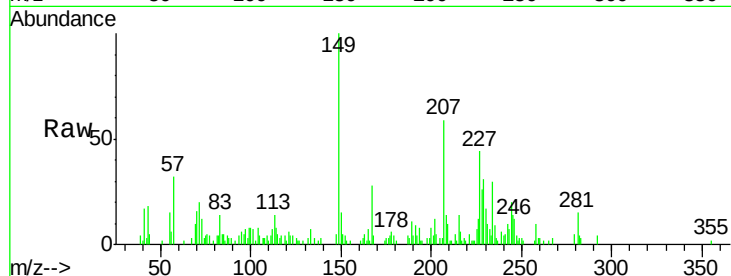
Acq: 15 Nov 2015 12:35

Instrument :

BNA_M

ClientSampleId :

BC786



Tgt Ion:149 Resp: 18738

Ion Ratio Lower Upper

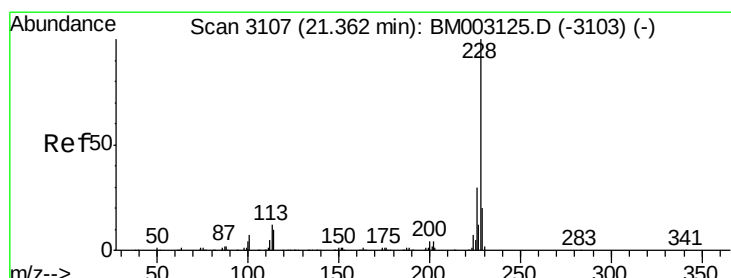
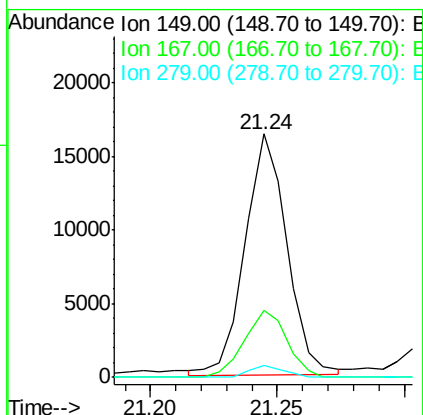
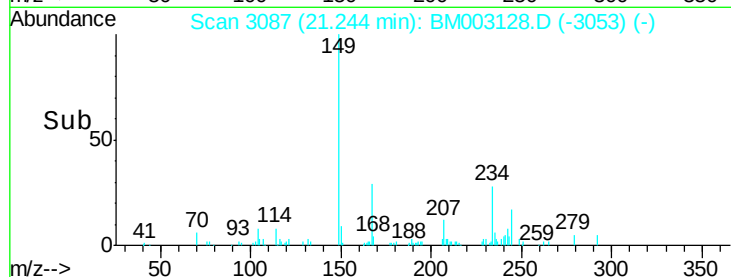
149 100

167 27.8 22.0 33.0

279 5.0 3.2 4.8#

Manual Integrations
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#85

Chrysene

Concen: 22.75 ng/ul

RT: 21.37 min Scan# 3108

Delta R.T. 0.01 min

Lab File: BM003128.D

Acq: 15 Nov 2015 12:35

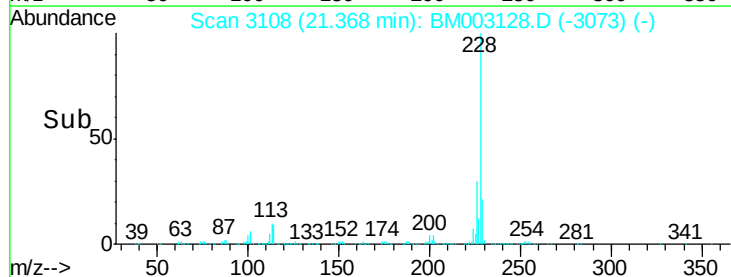
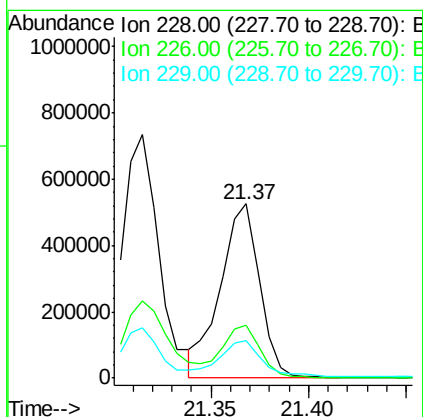
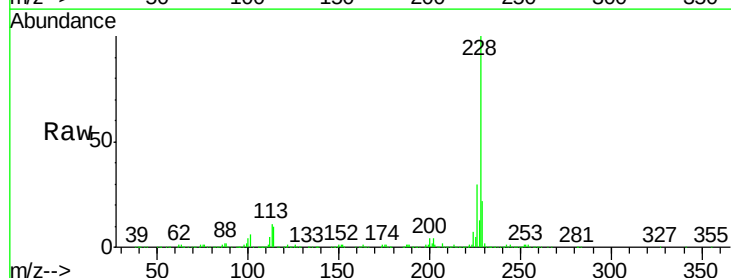
Tgt Ion:228 Resp: 732701

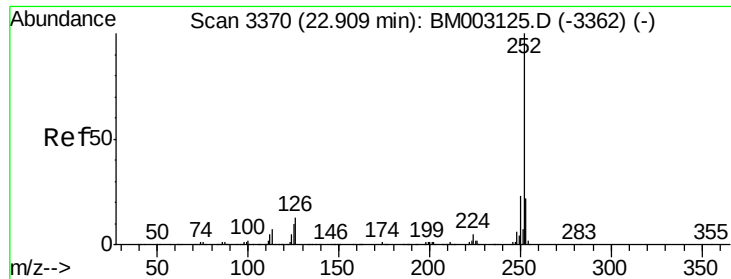
Ion Ratio Lower Upper

228 100

226 30.5 23.3 34.9

229 21.7 15.8 23.6





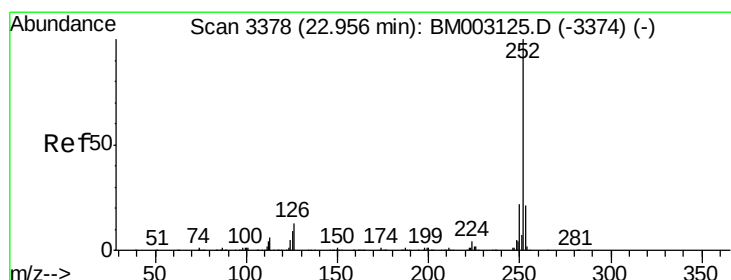
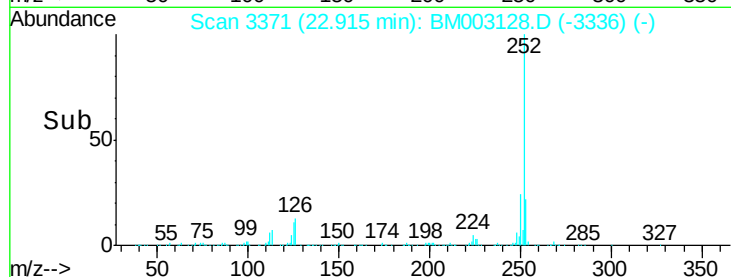
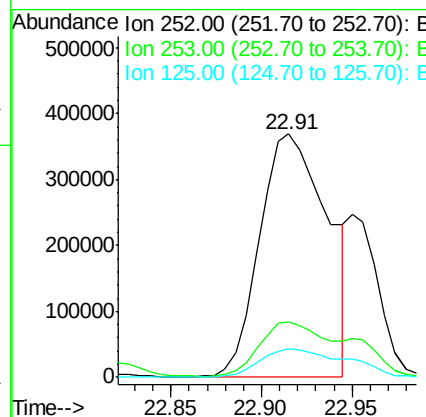
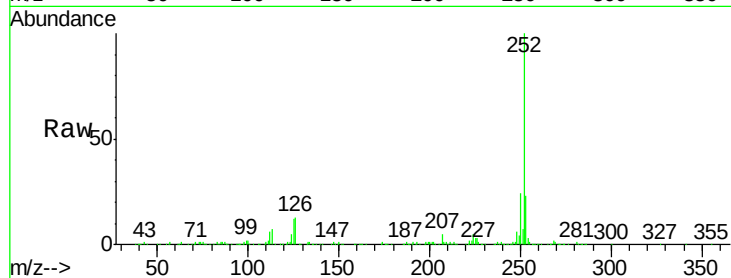
#88
Benzo(b)fluoranthene
Concen: 27.33 ng/ul
RT: 22.91 min Scan# 3371
Delta R.T. 0.01 min
Lab File: BM003128.D
Acq: 15 Nov 2015 12:35

Instrument :
BNA_M
ClientSampleId :
BC786

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	22.6	17.4	26.2
125	11.6	10.7	16.1

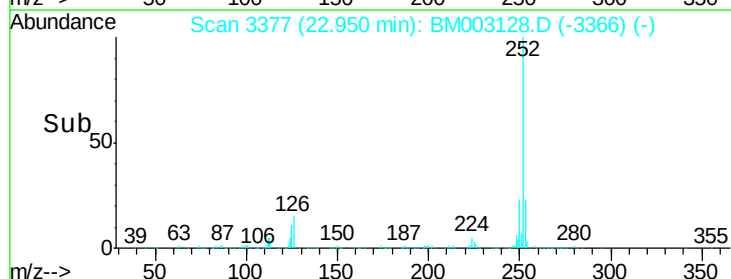
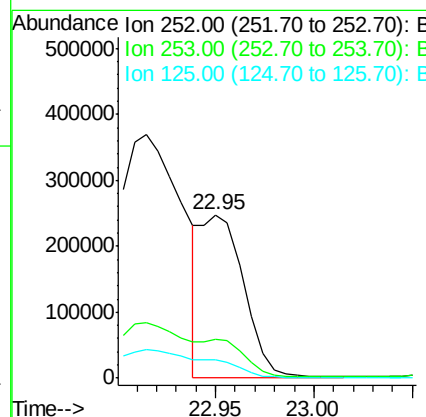
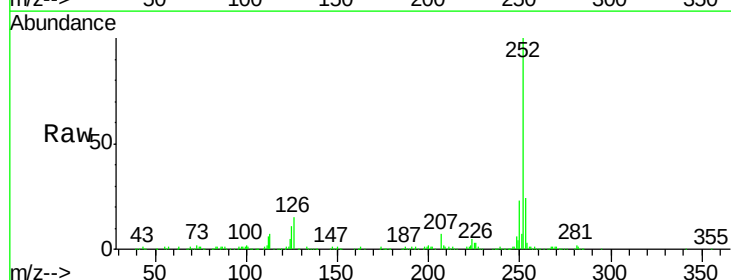
Manual Integrations
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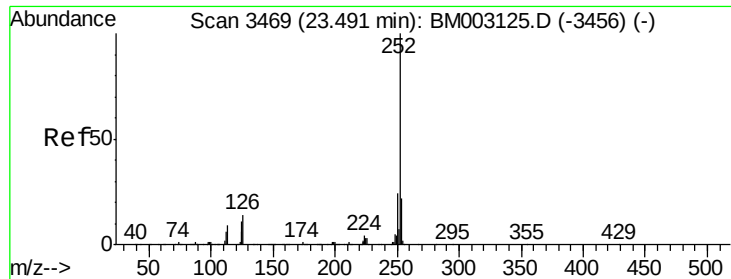
mmdadoda
11/16/2015 3:29:16 PM



#89
Benzo(k)fluoranthene
Concen: 11.36 ng/ul m
RT: 22.95 min Scan# 3377
Delta R.T. -0.01 min
Lab File: BM003128.D
Acq: 15 Nov 2015 12:35

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	24.0	17.4	26.0
125	11.3	11.1	16.7





#91

Benzo(a)pyrene

Concen: 21.82 ng/ul m

RT: 23.49 min Scan# 3469

Delta R.T. -0.00 min

Lab File: BM003128.D

Acq: 15 Nov 2015 12:35

Instrument :

BNA_M

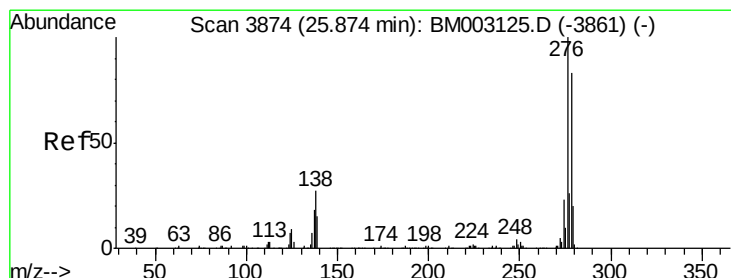
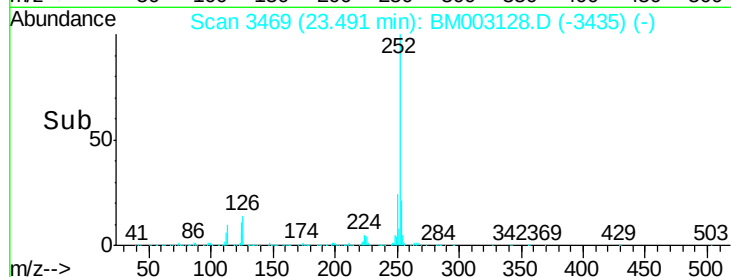
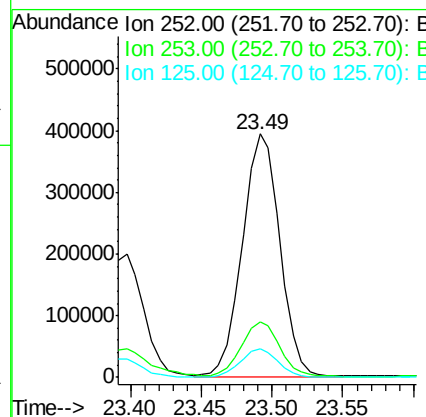
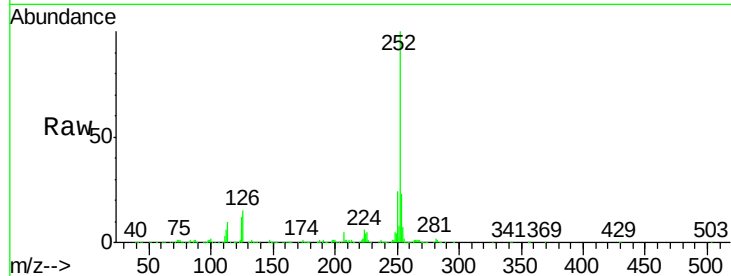
ClientSampleId :

BC786

Tgt	Ion	Ratio	Resp	Lower	Upper
252	100		722908		
253	22.8	17.1	25.7		
125	11.6	11.9	17.9#		

Manual Integrations
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#92

Indeno(1,2,3-cd)pyrene

Concen: 10.96 ng/ul

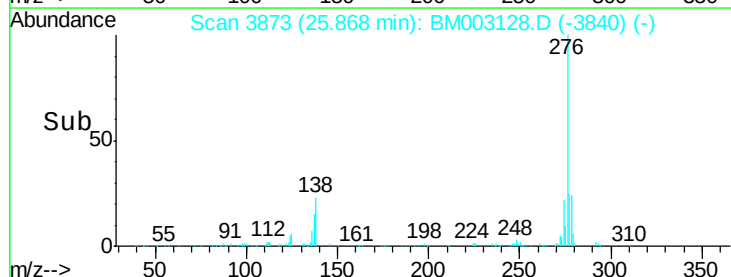
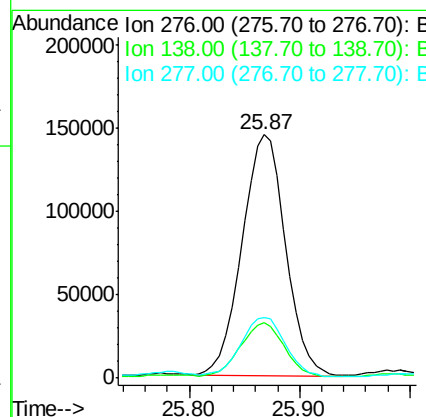
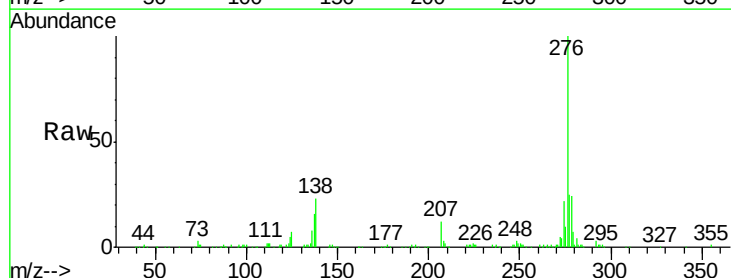
RT: 25.87 min Scan# 3873

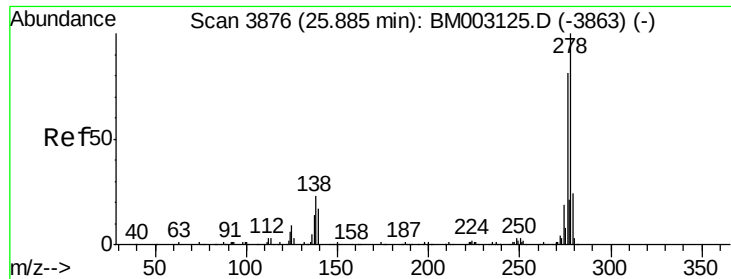
Delta R.T. -0.01 min

Lab File: BM003128.D

Acq: 15 Nov 2015 12:35

Tgt	Ion	Ratio	Resp	Lower	Upper
276	100		399371		
138	22.8	26.6	40.0#		
277	25.1	20.2	30.4		





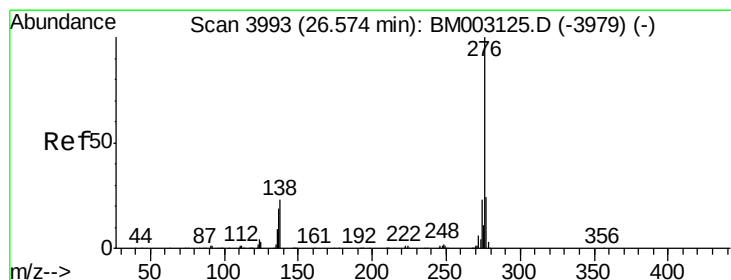
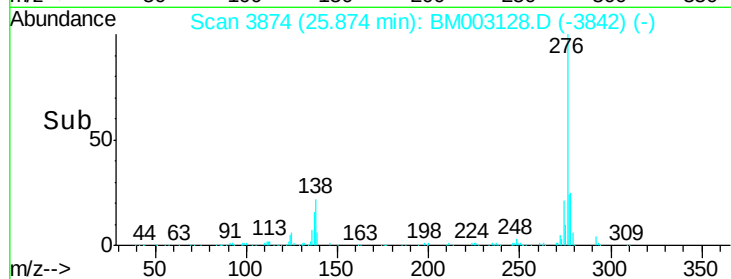
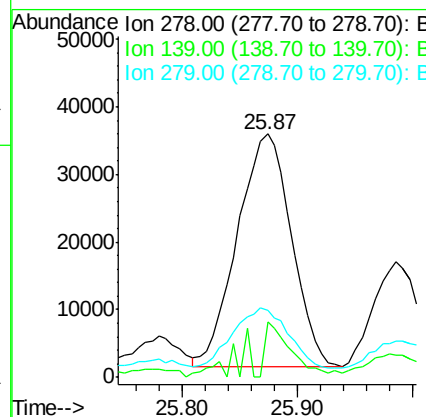
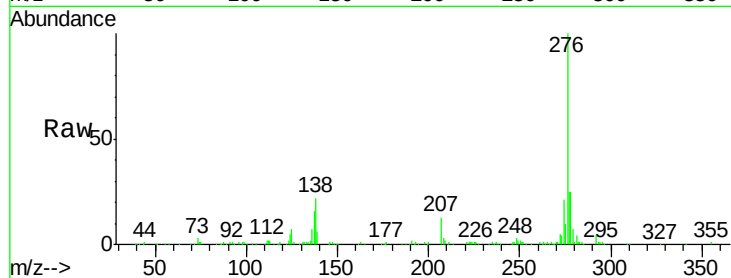
#93
Dibenzo(a,h)anthracene
Concen: 3.89 ng/ul
RT: 25.87 min Scan# 3874
Delta R.T. -0.01 min
Lab File: BM003128.D
Acq: 15 Nov 2015 12:35

Instrument :
BNA_M
ClientSampleId :
BC786

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.8	18.8	28.2
279	27.7	19.3	28.9

Manual Integrations
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#94
Benzo(g,h,i)perylene
Concen: 9.33 ng/ul
RT: 26.57 min Scan# 3992
Delta R.T. -0.01 min
Lab File: BM003128.D
Acq: 15 Nov 2015 12:35

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.1	23.8	35.6#
277	23.6	19.4	29.2

