

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101215\
 Data File : BE091003.D
 Acq On : 12 Oct 2015 20:29
 Operator : UM/IZ
 Sample : SSTD0.870
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTD0.870

Manual Integrations
 APPROVED

MMdadoda
 10/13/2015 1:26:14 PM

Quant Time: Oct 13 07:13:43 2015
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM02.2-EPA-SIM-BE101215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 13 07:04:09 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	4499	0.40	ng/ul	0.00
2) Naphthalene-d8	9.63	136	20220	0.40	ng/ul	0.00
6) Acenaphthene-d10	13.46	164	10887	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.18	188	26479	0.40	ng/ul	0.01
16) Chrysene-d12	20.33	240	33264	0.40	ng/ul	0.00
20) Perylene-d12	22.24	264	33809	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	13.20	152	171217	2.57	ng/ul	0.00
14) Fluoranthene-d10	18.17	212	61957	0.93	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	9.68	128	42017	0.79	ng/ul	99
5) 2-Methylnaphthalene	11.20	142	27367m	0.76	ng/ul	
7) Acenaphthylene	13.20	152	171217	2.28	ng/ul	100
8) Acenaphthene	13.51	153	123237	1.96	ng/ul	98
9) Fluorene	14.50	166	37720	0.81	ng/ul	99
11) Pentachlorophenol	15.93	266	2605	1.32	ng/ul	94
12) Phenanthrene	16.21	178	63086	0.79	ng/ul	100
13) Anthracene	16.29	178	61097	0.79	ng/ul	100
15) Fluoranthene	18.19	202	76048	0.83	ng/ul	94
17) Pyrene	18.58	202	76562	0.62	ng/ul	99
18) Benzo(a)anthracene	20.30	228	75415	0.70	ng/ul	99
19) Chrysene	20.36	228	80388	0.75	ng/ul	99
21) Benzo(b)fluoranthene	21.67	252	89436	0.74	ng/ul	97
22) Benzo(k)fluoranthene	21.70	252	82782	0.70	ng/ul	98
23) Benzo(a)pyrene	22.14	252	81747	0.74	ng/ul	95
24) Indeno(1,2,3-cd)pyrene	23.92	276	87328	0.77	ng/ul	99
25) Dibenzo(a,h)anthracene	23.87	278	87517	0.93	ng/ul	99
26) Benzo(g,h,i)perylene	24.49	276	92898	0.91	ng/ul	97

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

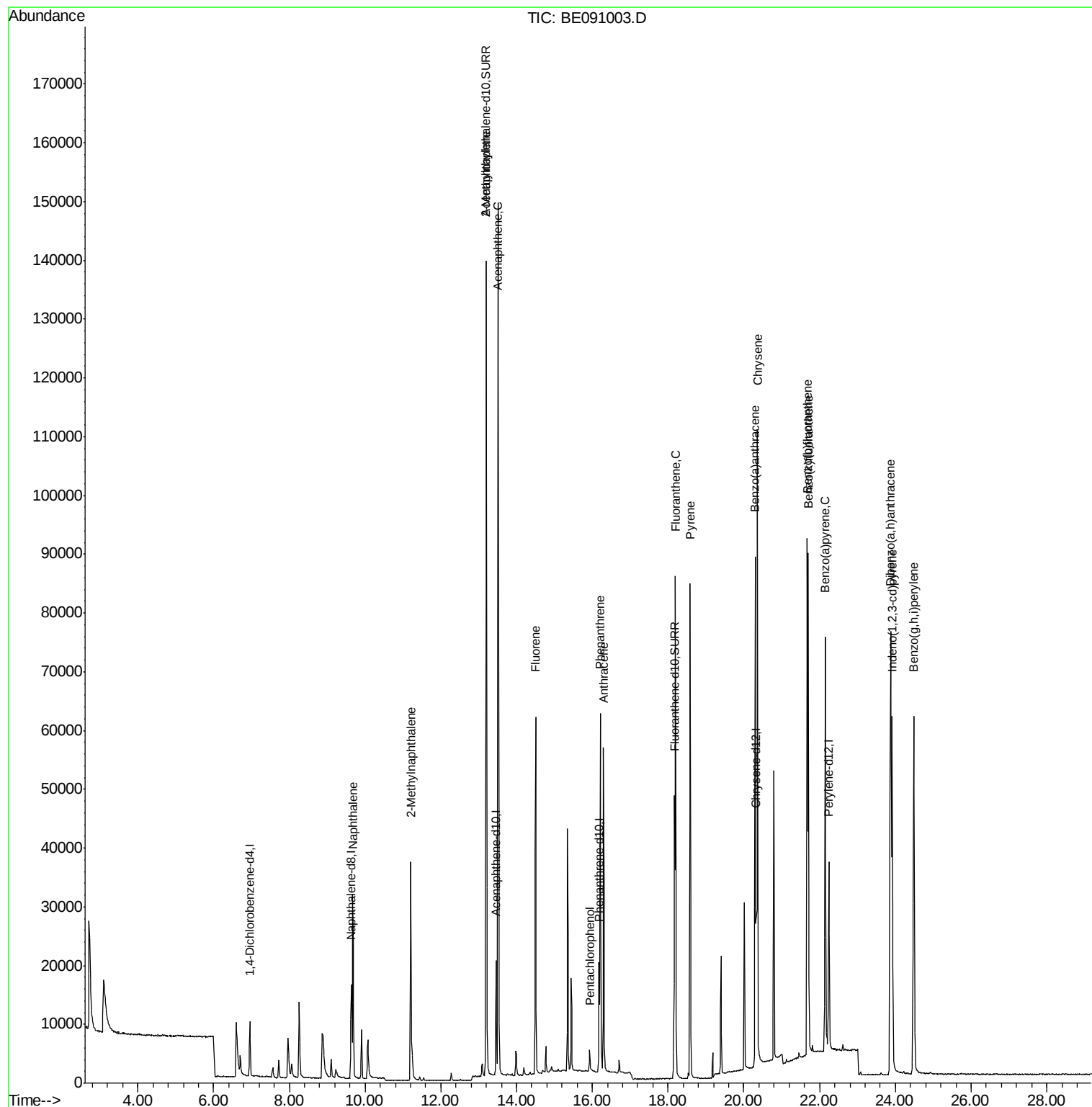
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101215\
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ALS Vial : 5 Sample Multiplier: 1

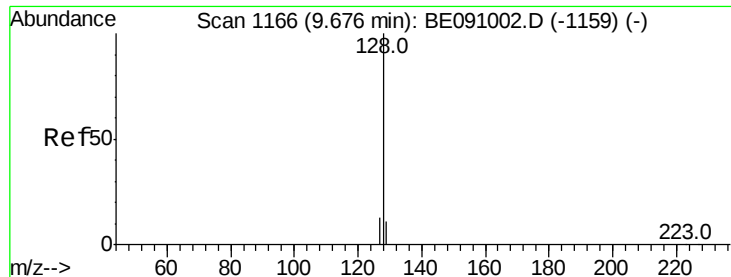
Instrument :
BNA_E
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#3

Naphthalene

Concen: 0.79 ng/ul

RT: 9.68 min Scan# 1166

Delta R.T. 0.00 min

Lab File: BE091003.D

Acq: 12 Oct 2015 20:29

Instrument :

BNA_E

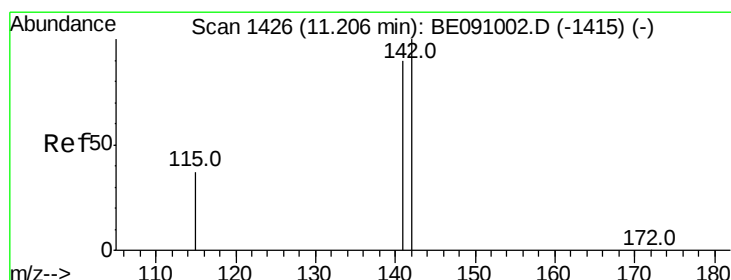
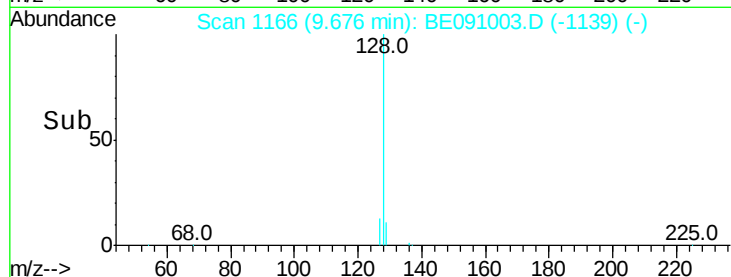
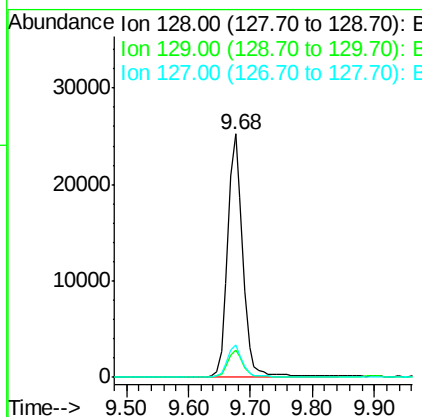
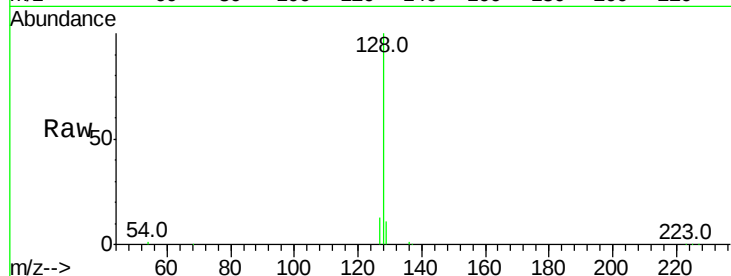
ClientSampleId :

SSTD0.870

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Tot Ion:	128	Resp:	42017
Ion Ratio	Lower	Upper	
128	100		
129	11.0	9.3	13.9
127	13.3	10.4	15.6



#5

2-Methylnaphthalene

Concen: 0.76 ng/ul m

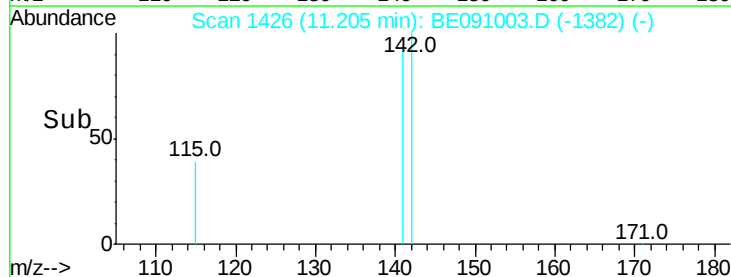
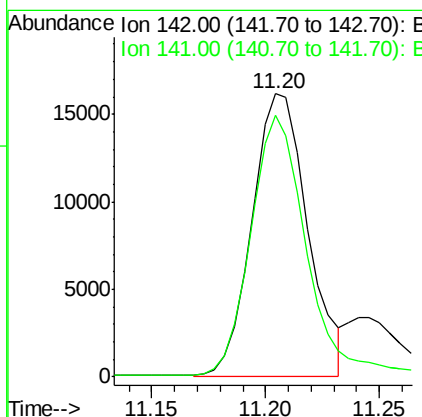
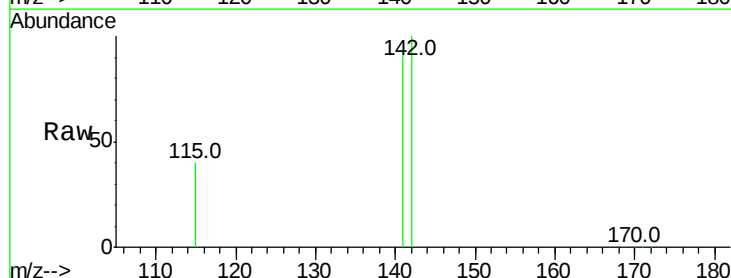
RT: 11.20 min Scan# 1426

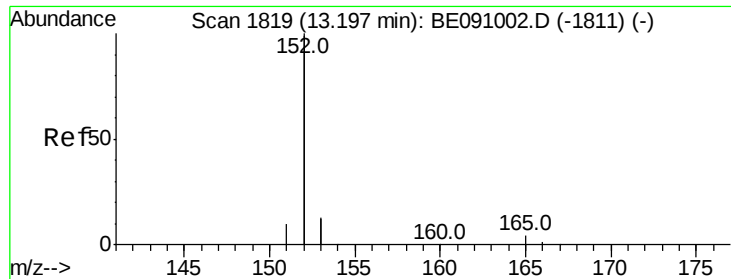
Delta R.T. -0.00 min

Lab File: BE091003.D

Acq: 12 Oct 2015 20:29

Tgt Ion:	142	Resp:	27367
Ion Ratio	Lower	Upper	
142	100		
141	93.2	73.7	110.5





#7

Acenaphthylene

Concen: 2.28 ng/ul

RT: 13.20 min Scan# 1819

Delta R.T. -0.00 min

Lab File: BE091003.D

Acq: 12 Oct 2015 20:29

Instrument :

BNA_E

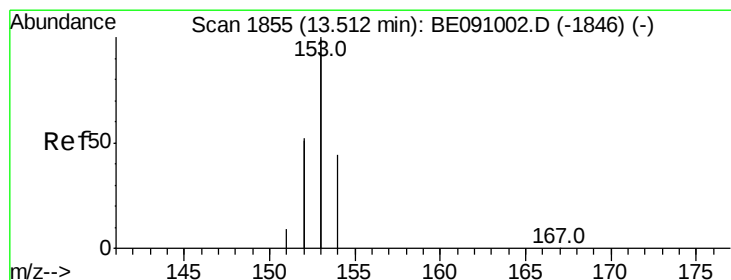
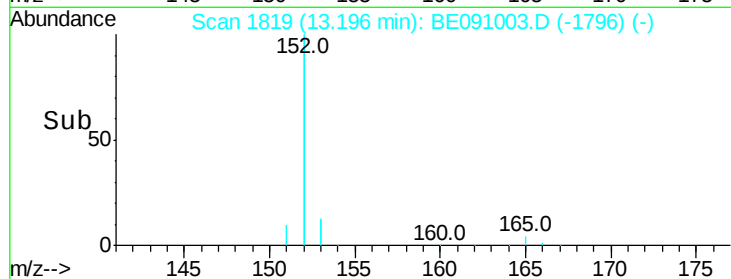
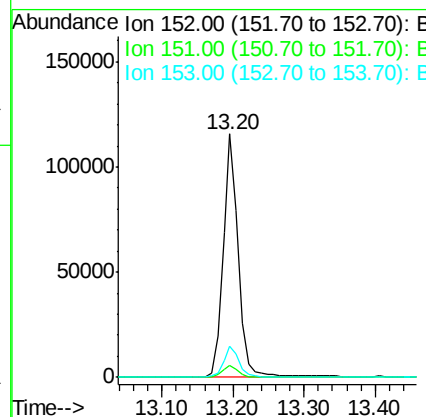
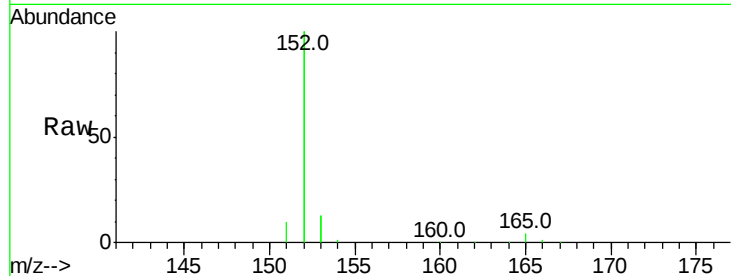
ClientSampleId :

SSTD0.870

Tot Ion	Ratio	Resp	Lower	Upper
152	100	171217		
151	4.9		3.9	5.9
153	13.0		10.6	15.8

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#8

Acenaphthene

Concen: 1.96 ng/ul

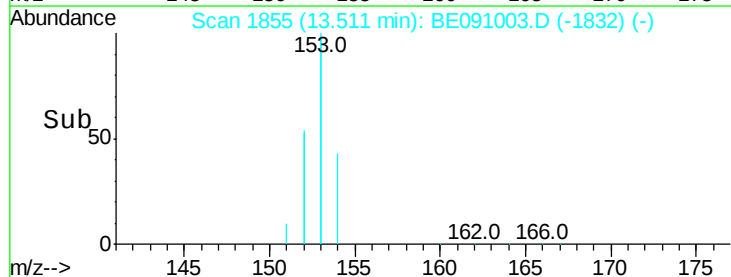
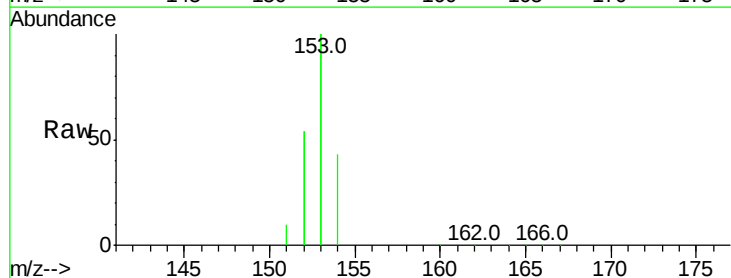
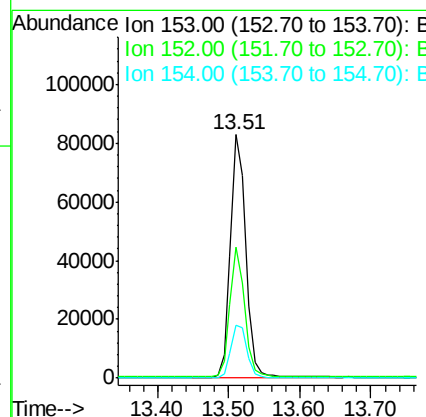
RT: 13.51 min Scan# 1855

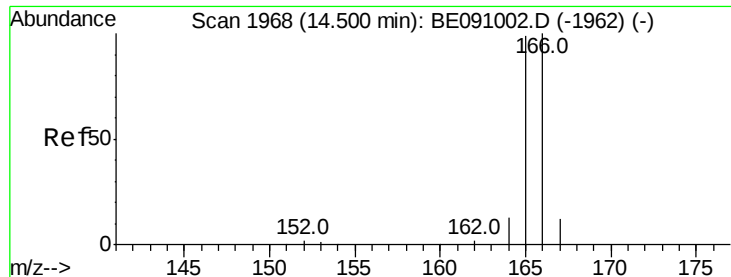
Delta R.T. -0.00 min

Lab File: BE091003.D

Acq: 12 Oct 2015 20:29

Tgt Ion	Ratio	Resp	Lower	Upper
153	100	123237		
152	53.6		41.8	62.8
154	21.6		17.8	26.6





#9

Fluorene

Concen: 0.81 ng/ul

RT: 14.50 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BE091003.D

Acq: 12 Oct 2015 20:29

Instrument :

BNA_E

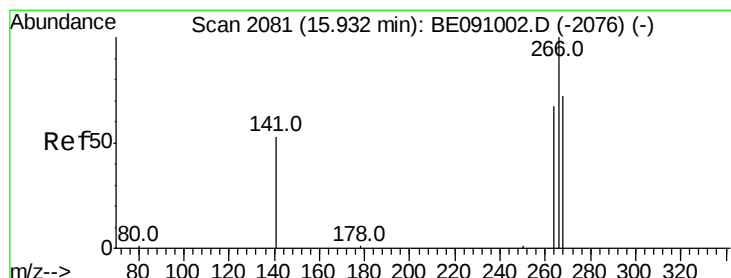
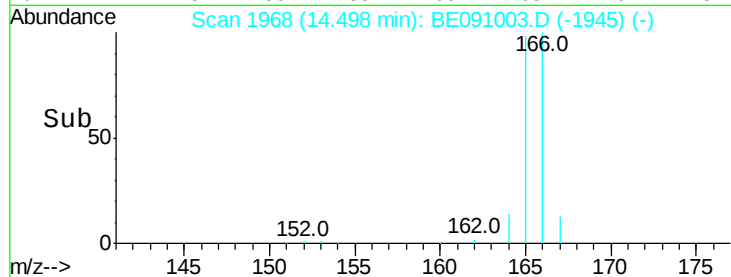
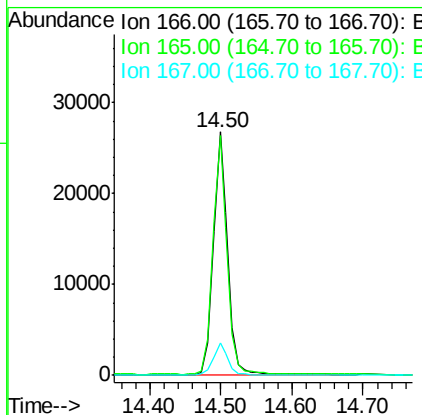
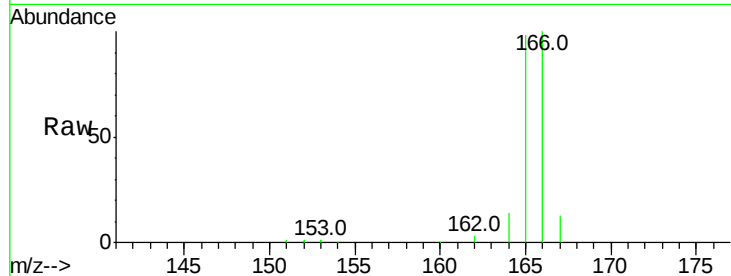
ClientSampleId :

SSTD0.870

Tot Ion:	166	Resp:	37720
Ion Ratio	Lower	Upper	
166	100		
165	98.4	79.2	118.8
167	13.3	10.4	15.6

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#11

Pentachlorophenol

Concen: 1.32 ng/ul

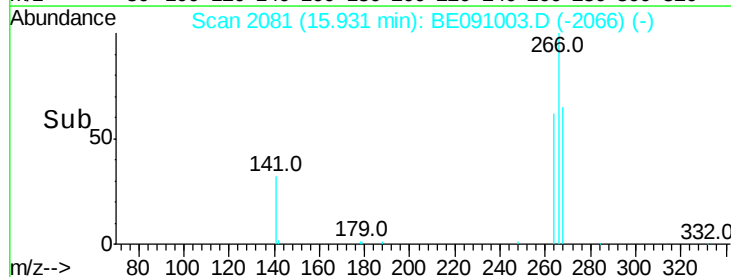
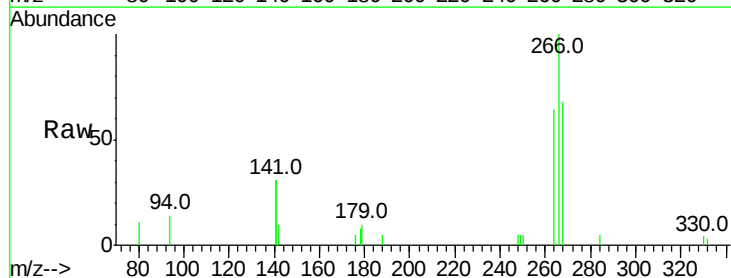
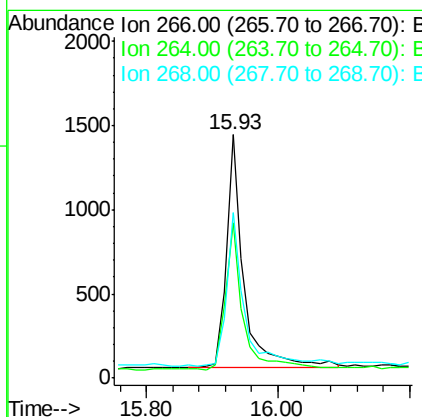
RT: 15.93 min Scan# 2081

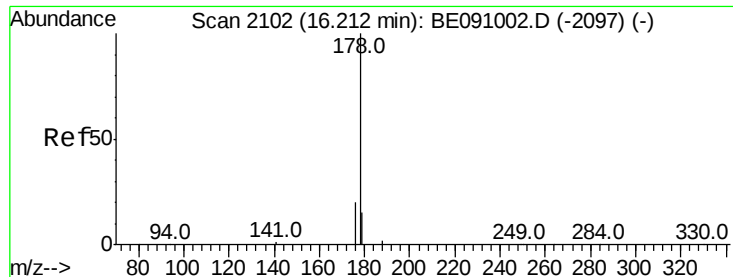
Delta R.T. -0.00 min

Lab File: BE091003.D

Acq: 12 Oct 2015 20:29

Tgt Ion:	266	Resp:	2605
Ion Ratio	Lower	Upper	
266	100		
264	63.5	56.5	84.7
268	68.1	56.6	84.8





#12

Phenanthrene

Concen: 0.79 ng/ul

RT: 16.21 min Scan# 2102

Delta R.T. -0.00 min

Lab File: BE091003.D

Acq: 12 Oct 2015 20:29

Instrument :

BNA_E

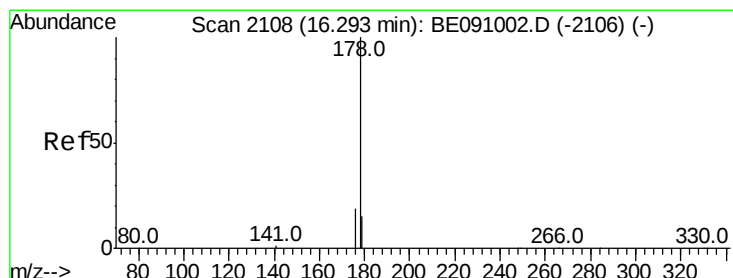
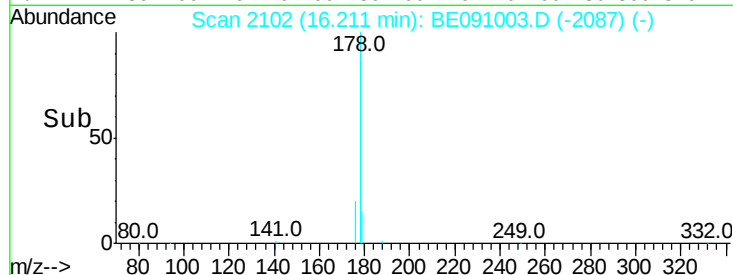
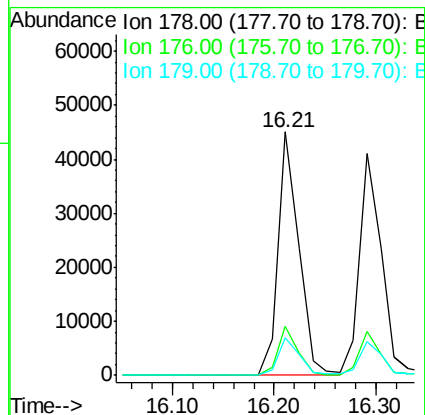
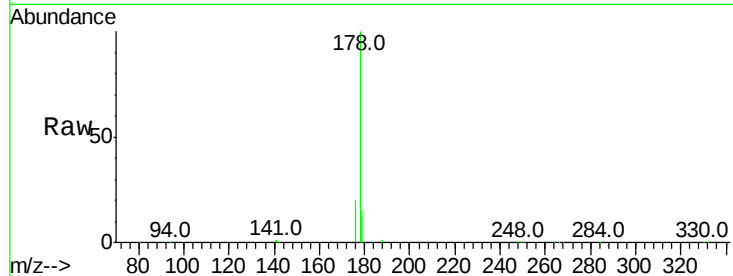
ClientSampleId :

SSTD0.870

Tot Ion:	178	Resp:	63086
Ion Ratio	Lower	Upper	
178	100		
176	19.9	16.2	24.4
179	15.2	12.2	18.2

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#13

Anthracene

Concen: 0.79 ng/ul

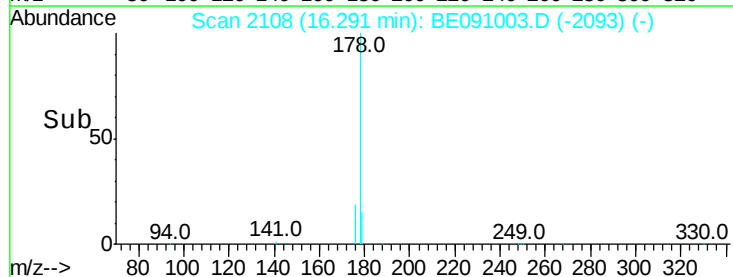
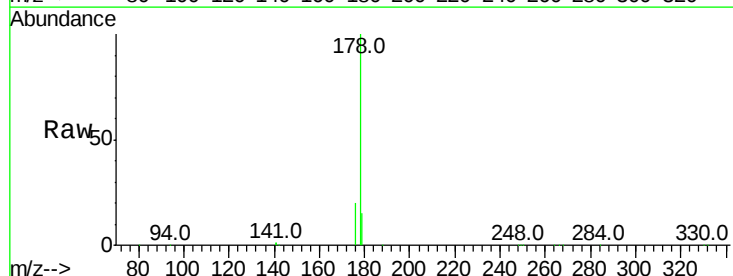
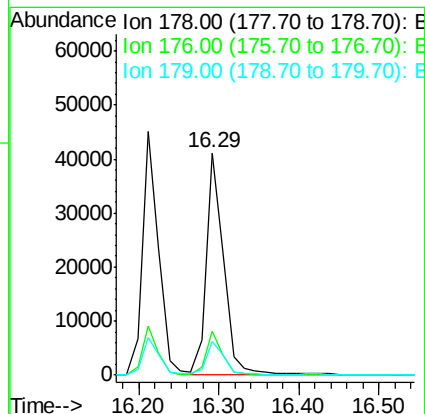
RT: 16.29 min Scan# 2108

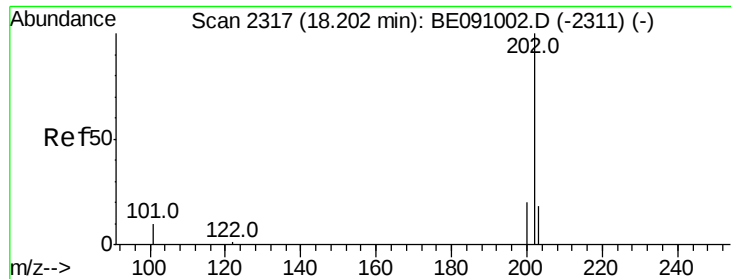
Delta R.T. -0.00 min

Lab File: BE091003.D

Acq: 12 Oct 2015 20:29

Tgt Ion:	178	Resp:	61097
Ion Ratio	Lower	Upper	
178	100		
176	19.5	15.4	23.0
179	15.2	12.2	18.2





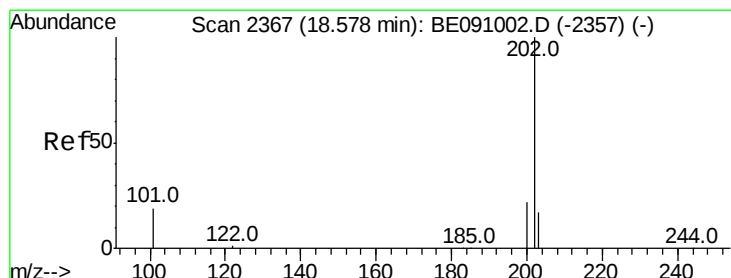
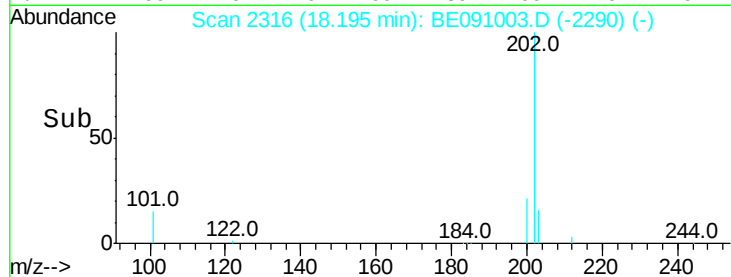
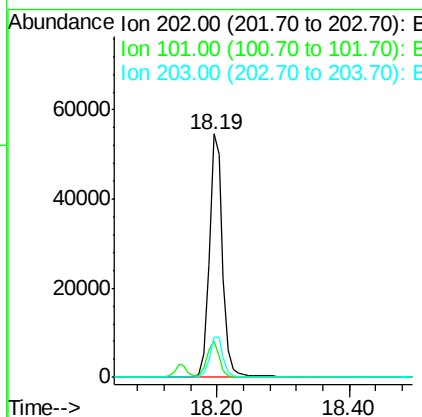
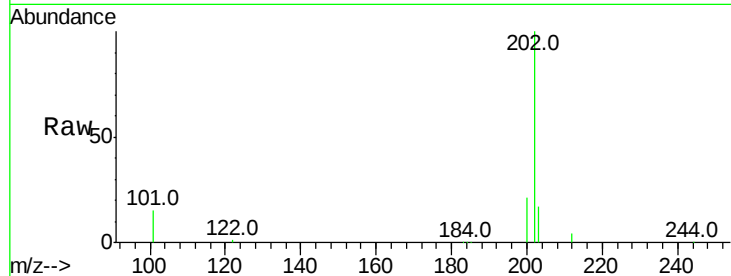
#15
Fluoranthene
 Concen: 0.83 ng/ul
 RT: 18.19 min Scan# 2316
 Delta R.T. -0.01 min
 Lab File: BE091003.D
 Acq: 12 Oct 2015 20:29

Instrument :
 BNA_E
 ClientSampleId :
 SST0.870

Tot Ion	Ratio	Resp	Lower	Upper
202	100	76048		
101	15.0		0.0	30.6
203	16.6		0.0	37.9

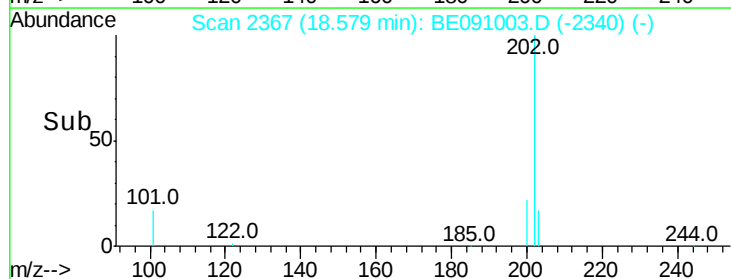
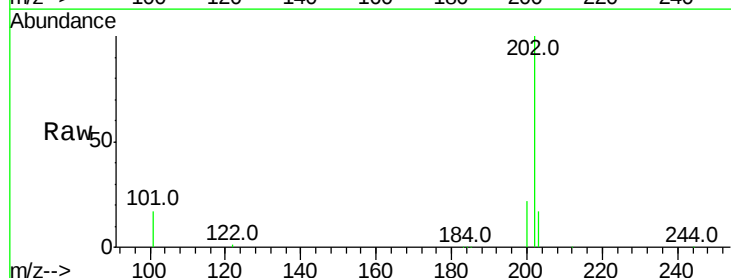
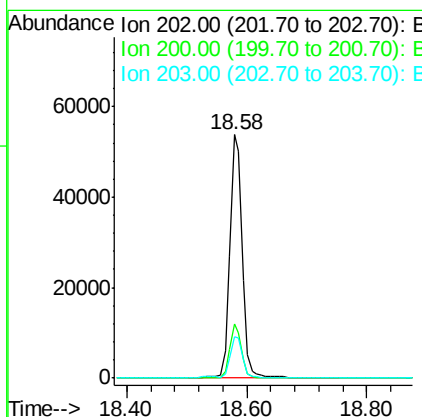
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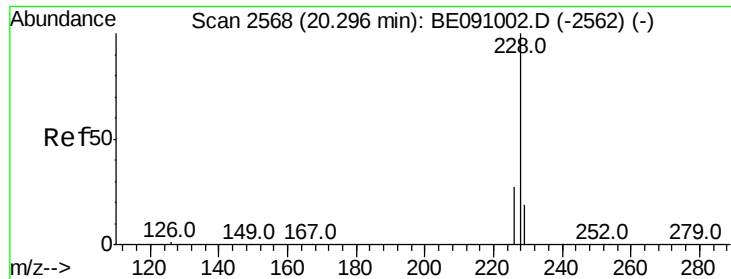
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#17
Pyrene
 Concen: 0.62 ng/ul
 RT: 18.58 min Scan# 2367
 Delta R.T. 0.00 min
 Lab File: BE091003.D
 Acq: 12 Oct 2015 20:29

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	76562		
200	22.0		17.4	26.2
203	17.1		14.0	21.0





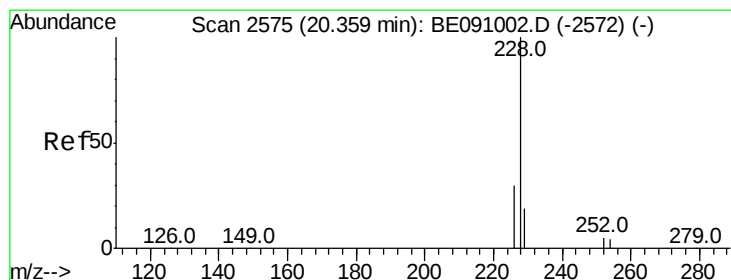
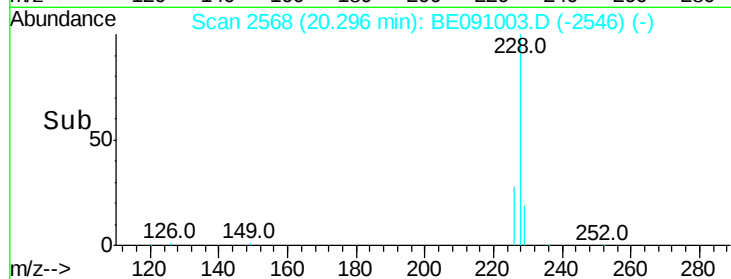
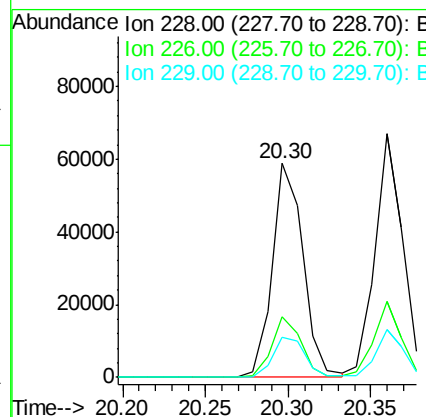
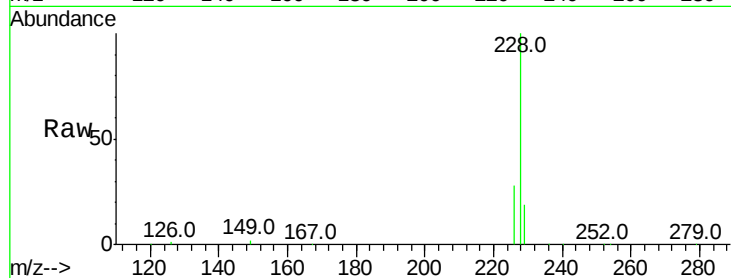
#18
Benzo(a)anthracene
Concen: 0.70 ng/ul
RT: 20.30 min Scan# 2568
Delta R.T. 0.00 min
Lab File: BE091003.D
Acq: 12 Oct 2015 20:29

Instrument :
BNA_E
ClientSampleId :
SSTD0.870

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.2	33.2
229	19.0	15.2	22.8

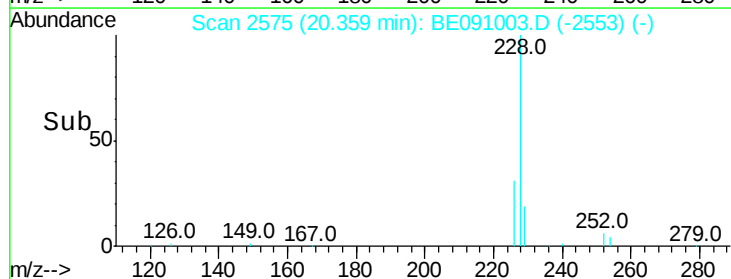
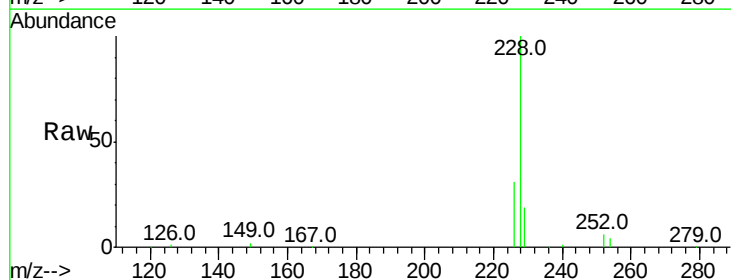
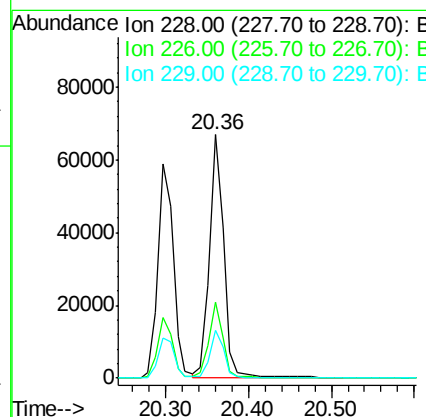
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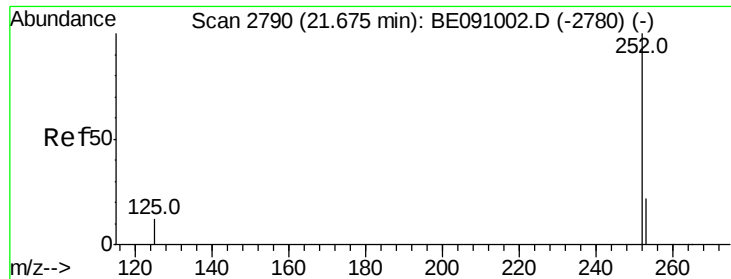
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#19
Chrysene
Concen: 0.75 ng/ul
RT: 20.36 min Scan# 2575
Delta R.T. 0.00 min
Lab File: BE091003.D
Acq: 12 Oct 2015 20:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.5	36.7
229	19.5	15.1	22.7





#21

Benzo(b)fluoranthene

Concen: 0.74 ng/ul

RT: 21.67 min Scan# 2789

Delta R.T. -0.00 min

Lab File: BE091003.D

Acq: 12 Oct 2015 20:29

Instrument :

BNA_E

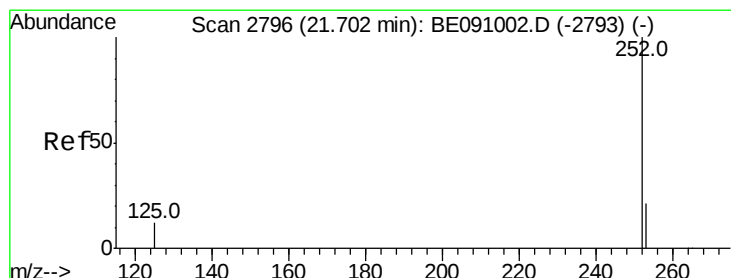
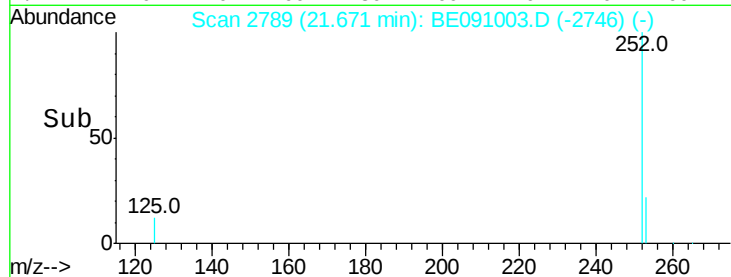
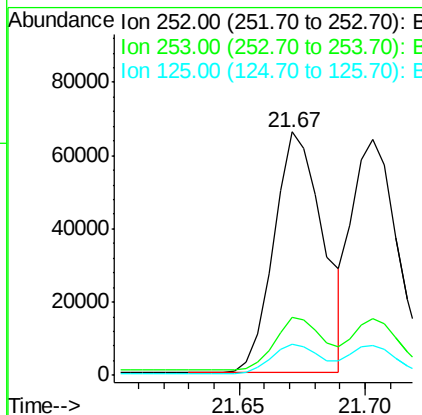
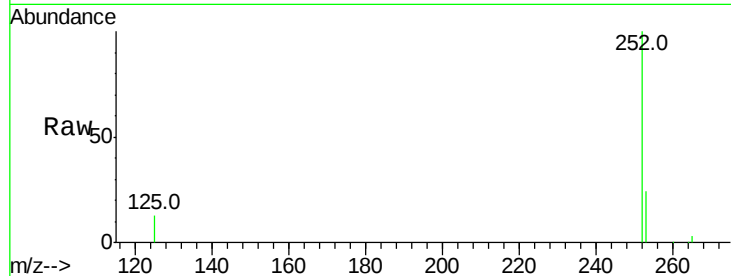
ClientSampleId :

SSTD0.870

Tot Ion:	252	Resp:	89436
Ion Ratio	Lower	Upper	
252	100		
253	23.8	0.0	51.6
125	12.7	0.0	26.0

Manual Integrations
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#22

Benzo(k)fluoranthene

Concen: 0.70 ng/ul

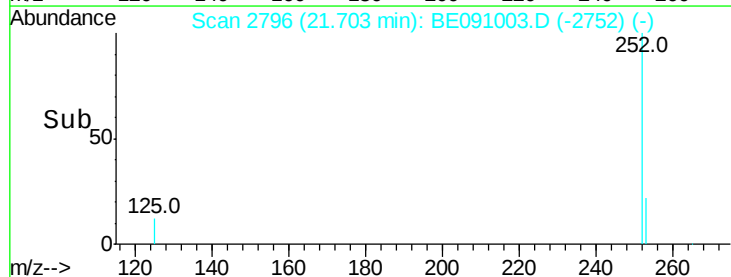
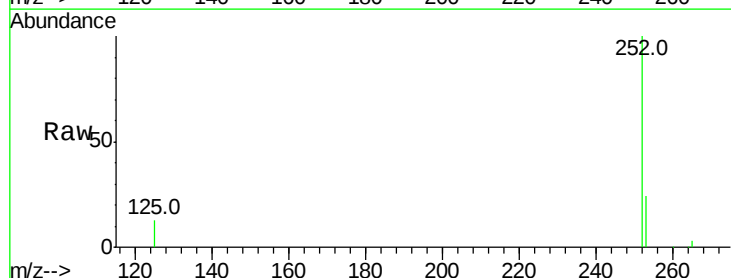
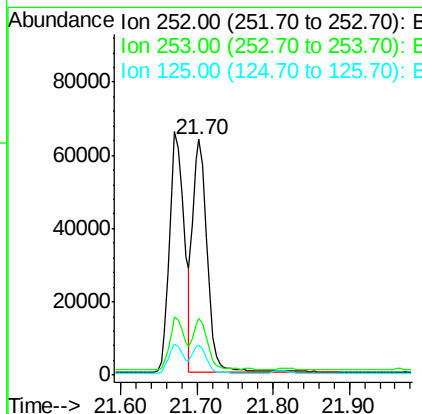
RT: 21.70 min Scan# 2796

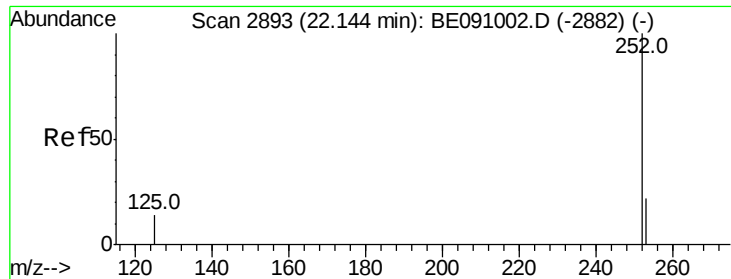
Delta R.T. 0.00 min

Lab File: BE091003.D

Acq: 12 Oct 2015 20:29

Tgt Ion:	252	Resp:	82782
Ion Ratio	Lower	Upper	
252	100		
253	23.9	20.2	30.4
125	12.8	10.6	16.0





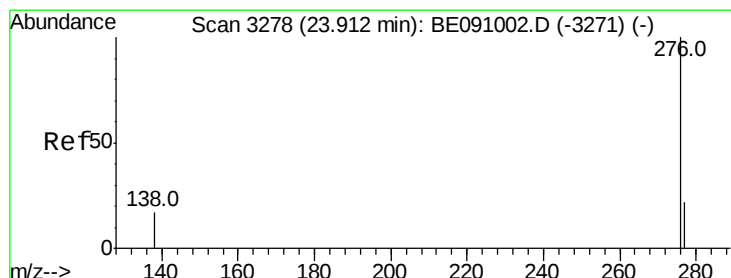
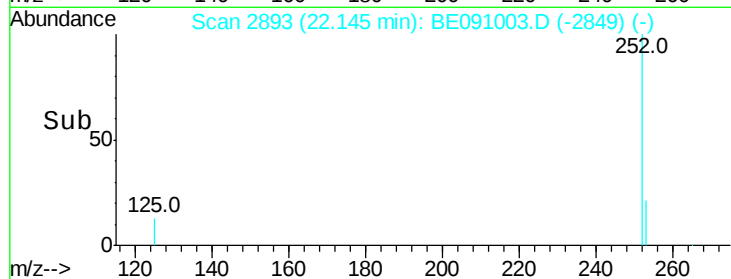
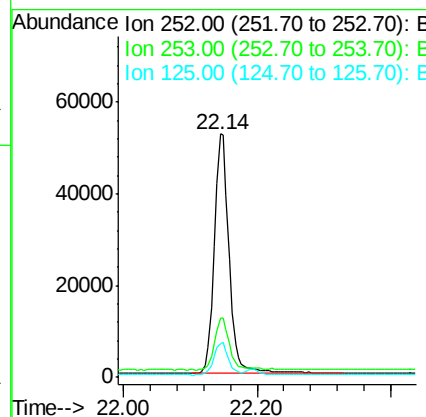
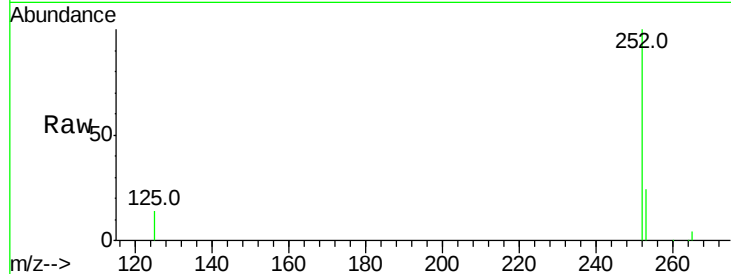
#23
Benzo(a)pyrene
Concen: 0.74 ng/ul
RT: 22.14 min Scan# 2893
Delta R.T. 0.00 min
Lab File: BE091003.D
Acq: 12 Oct 2015 20:29

Instrument :
BNA_E
ClientSampleId :
SSTD0.870

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.2	21.7	32.5
125	14.1	12.2	18.2

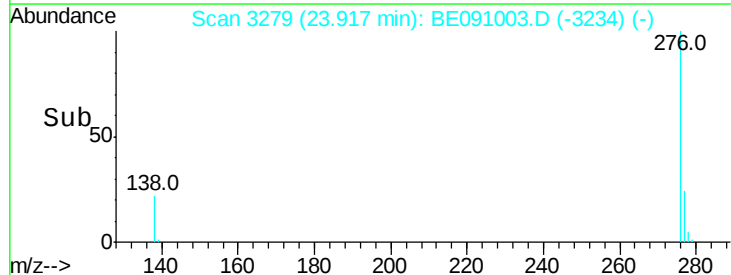
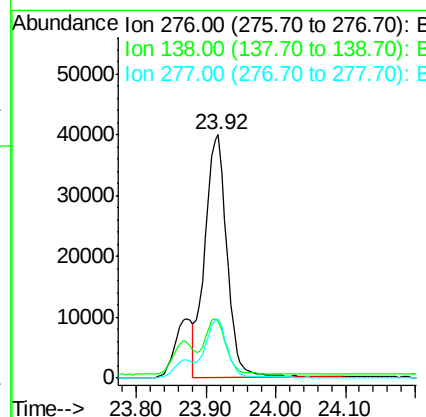
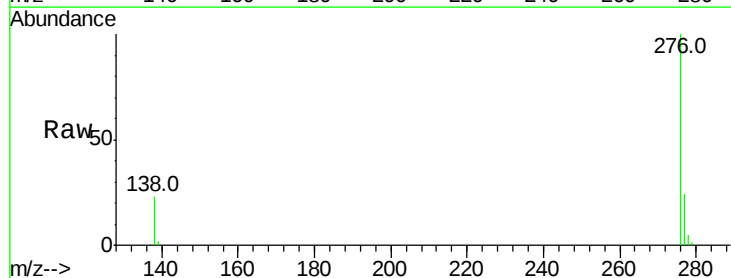
Manual Integrations
APPROVED

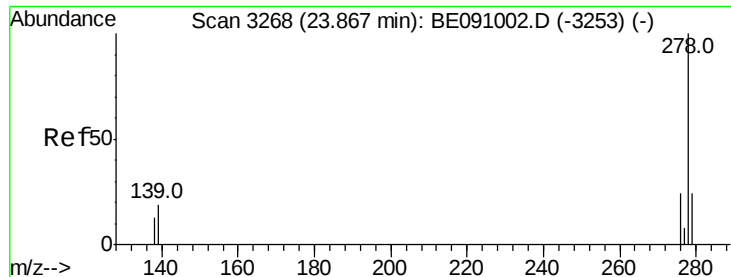
MMdadoda
10/13/2015 1:26:14 PM



#24
Indeno(1,2,3-cd)pyrene
Concen: 0.77 ng/ul
RT: 23.92 min Scan# 3279
Delta R.T. 0.00 min
Lab File: BE091003.D
Acq: 12 Oct 2015 20:29

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.8	18.1	27.1
277	23.4	19.0	28.6





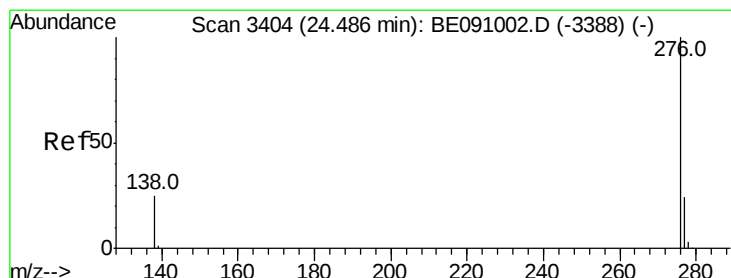
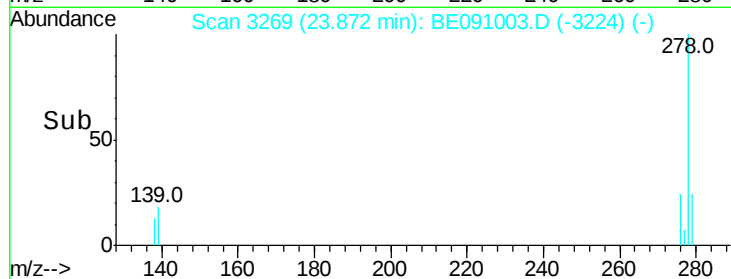
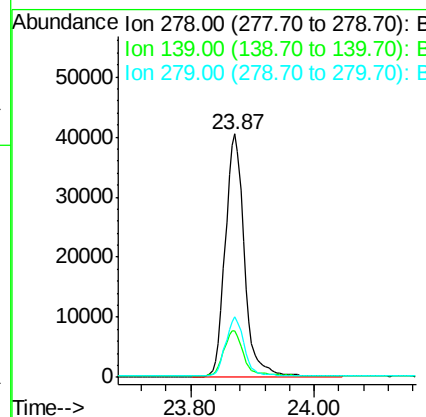
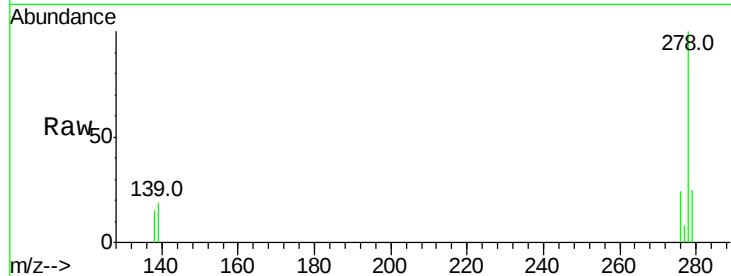
#25
Dibenzo(a,h)anthracene
Concen: 0.93 ng/ul
RT: 23.87 min Scan# 3269
Delta R.T. 0.01 min
Lab File: BE091003.D
Acq: 12 Oct 2015 20:29

Instrument :
BNA_E
ClientSampleId :
SSTD0.870

Tot Ion	Ratio	Lower	Upper
278	100		
139	19.0	16.1	24.1
279	24.8	20.1	30.1

Manual Integrations
APPROVED

MMdadoda
10/13/2015 1:26:14 PM



#26
Benzo(g,h,i)perylene
Concen: 0.91 ng/ul
RT: 24.49 min Scan# 3404
Delta R.T. 0.00 min
Lab File: BE091003.D
Acq: 12 Oct 2015 20:29

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.7	29.5
138	26.7	22.6	34.0

