

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072215\
 Data File : BE090206.D
 Acq On : 21 Jul 2015 19:10
 Operator : TP/IZ
 Sample : SSTD0.821
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTD0.821

Manual Integrations
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Quant Time: Jul 22 03:45:39 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM02.2-EPA-SIM-BE072215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 22 03:03:48 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	941	0.40	ng/ul	0.00
2) Naphthalene-d8	10.36	136	4373	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.21	164	2488	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.94	188	6587	0.40	ng/ul	0.00
16) Chrysene-d12	21.12	240	6199	0.40	ng/ul	0.00
20) Perylene-d12	23.43	264	4275	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	5599	0.81	ng/ul	0.00
14) Fluoranthene-d10	18.97	212	15553	0.79	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.41	128	9263	0.80	ng/ul	97
5) 2-Methylnaphthalene	12.03	142	6263	0.80	ng/ul	99
7) Acenaphthylene	13.93	152	41789	0.80	ng/ul	99
8) Acenaphthene	14.27	153	30013	0.79	ng/ul	98
9) Fluorene	15.26	166	8786	0.79	ng/ul	99
11) Pentachlorophenol	16.60	266	290	0.46	ng/ul#	88
12) Phenanthrene	16.98	178	59926	0.79	ng/ul	99
13) Anthracene	17.07	178	59219	0.80	ng/ul	99
15) Fluoranthene	19.00	202	70380	0.79	ng/ul	98
17) Pyrene	19.36	202	71563	0.87	ng/ul	99
18) Benzo(a)anthracene	21.10	228	8182	0.56	ng/ul	96
19) Chrysene	21.15	228	18670	0.91	ng/ul	98
21) Benzo(b)fluoranthene	22.72	252	4109	0.39	ng/ul	91
22) Benzo(k)fluoranthene	22.77	252	16420m	1.04	ng/ul	
23) Benzo(a)pyrene	23.32	252	6348	0.56	ng/ul#	90
24) Indeno(1,2,3-cd)pyrene	25.82	276	21473	0.42	ng/ul	98
25) Dibenzo(a,h)anthracene	25.83	278	3562	0.36	ng/ul#	85
26) Benzo(g,h,i)perylene	26.56	276	31437	0.66	ng/ul	91

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

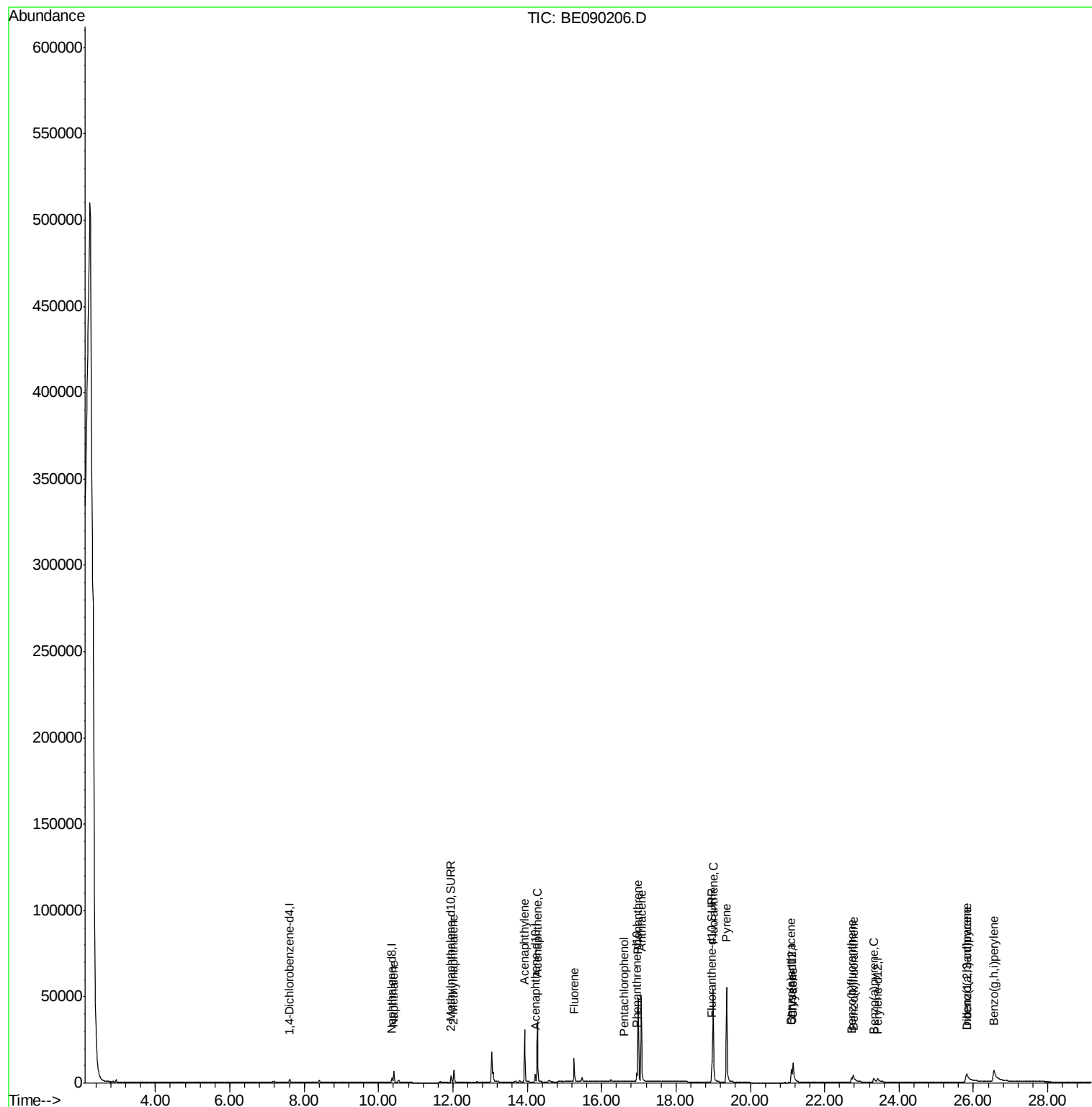
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072215\
Data File : BE090206.D
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Sample : SSTD0.821
Misc :
ALS Vial : 5 Sample Multiplier: 1

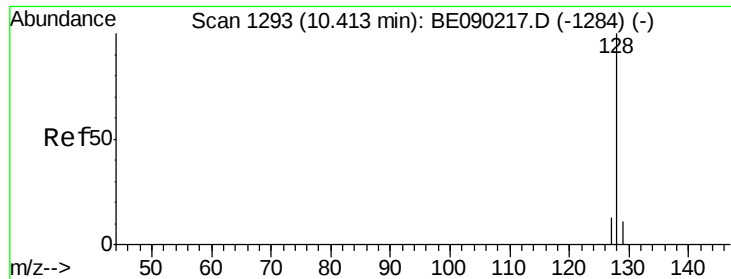
Instrument :
BNA_E
ClientSampleId :
SSTD0.821

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Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM02.2-EPA-SIM-BE072215.M
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QLast Update : Wed Jul 22 03:03:48 2015
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.80 ng/ul

RT: 10.41 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BE090206.D

Acq: 21 Jul 2015 19:10

Instrument :

BNA_E

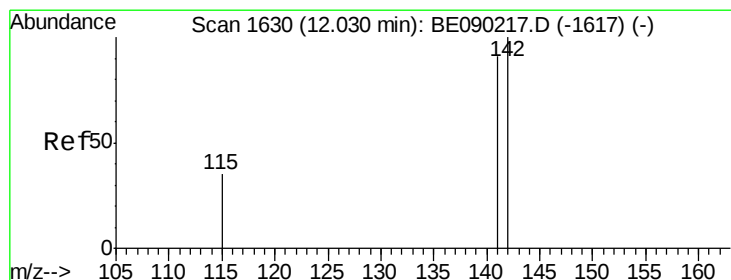
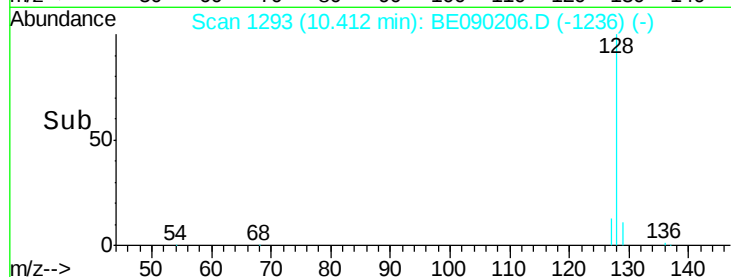
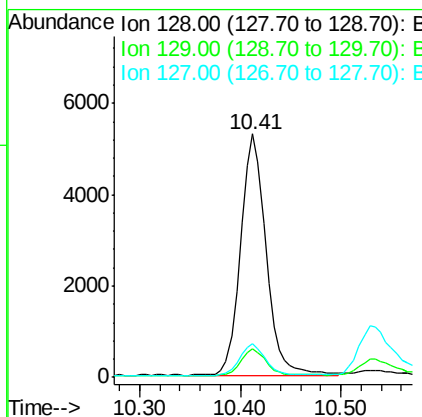
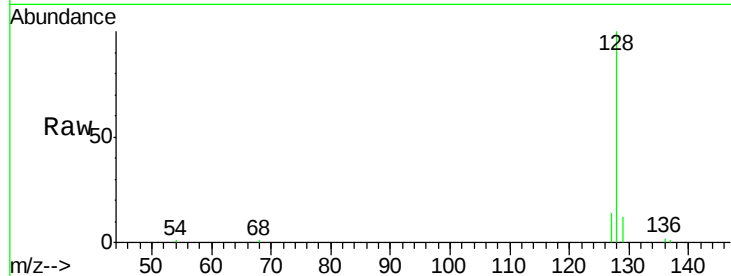
ClientSampleId :

SSTD0.821

Tgt Ion:	128	Resp:	9263
Ion Ratio	Lower	Upper	
128	100		
129	11.5	10.2	15.2
127	13.8	11.8	17.6

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#5

2-Methylnaphthalene

Concen: 0.80 ng/ul

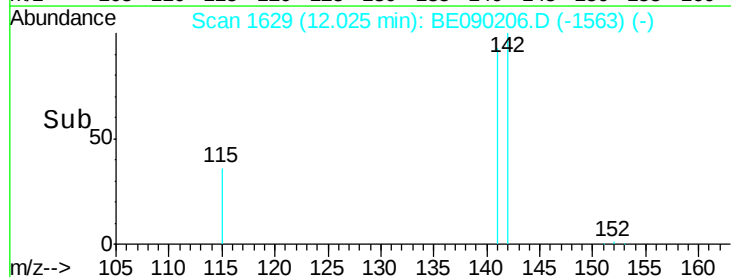
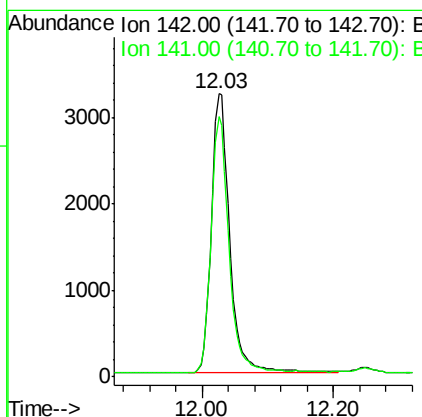
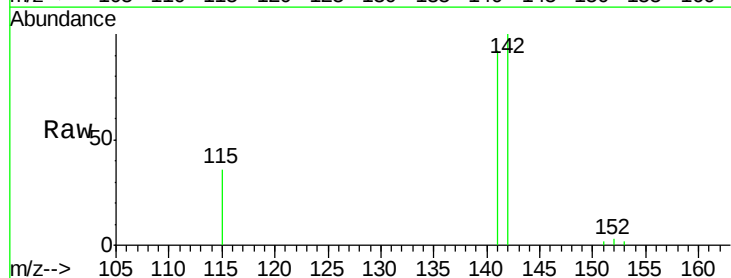
RT: 12.03 min Scan# 1629

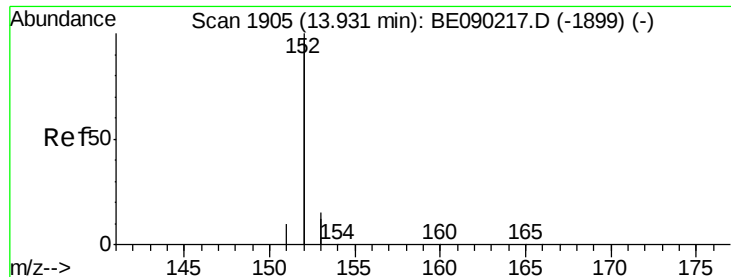
Delta R.T. -0.00 min

Lab File: BE090206.D

Acq: 21 Jul 2015 19:10

Tgt Ion:	142	Resp:	6263
Ion Ratio	Lower	Upper	
142	100		
141	90.7	73.0	109.6





#7

Acenaphthylene

Concen: 0.80 ng/ul

RT: 13.93 min Scan# 1905

Delta R.T. -0.00 min

Lab File: BE090206.D

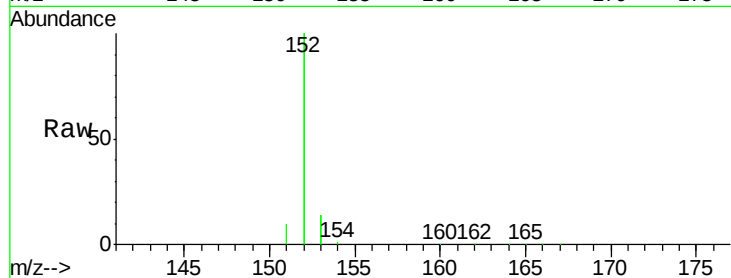
Acq: 21 Jul 2015 19:10

Instrument :

BNA_E

ClientSampleId :

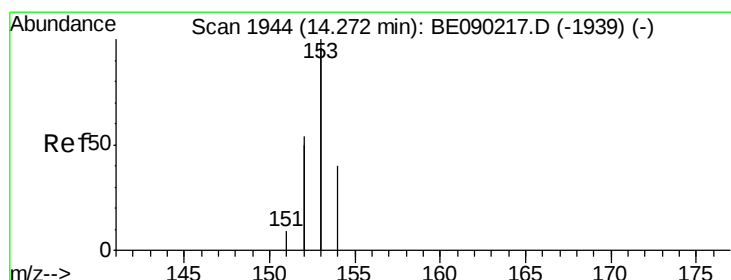
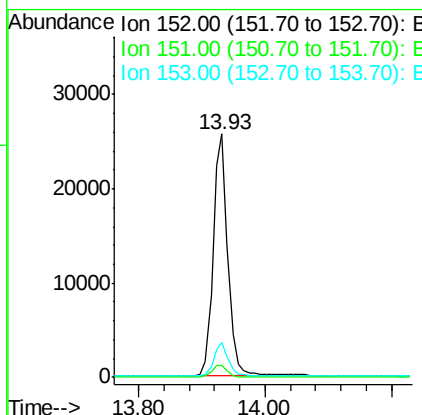
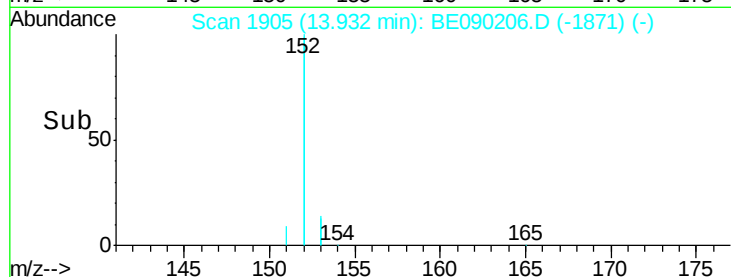
SSTD0.821



Tgt Ion	Ratio	Lower	Upper
152	100		
151	4.9	4.2	6.4
153	14.3	11.5	17.3

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#8

Acenaphthene

Concen: 0.79 ng/ul

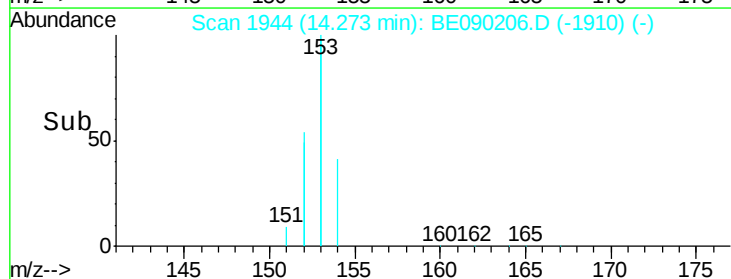
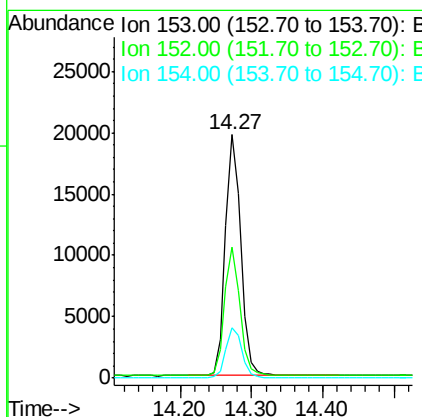
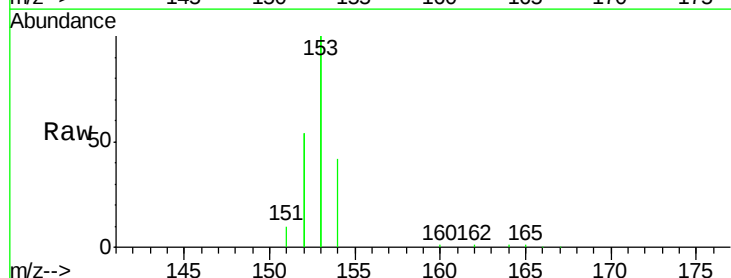
RT: 14.27 min Scan# 1944

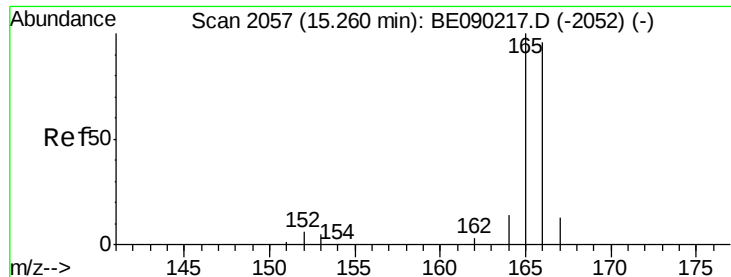
Delta R.T. -0.00 min

Lab File: BE090206.D

Acq: 21 Jul 2015 19:10

Tgt Ion	Ratio	Lower	Upper
153	100		
152	53.8	45.0	67.4
154	20.9	16.8	25.2





#9

Fluorene

Concen: 0.79 ng/ul

RT: 15.26 min Scan# 2057

Delta R.T. -0.00 min

Lab File: BE090206.D

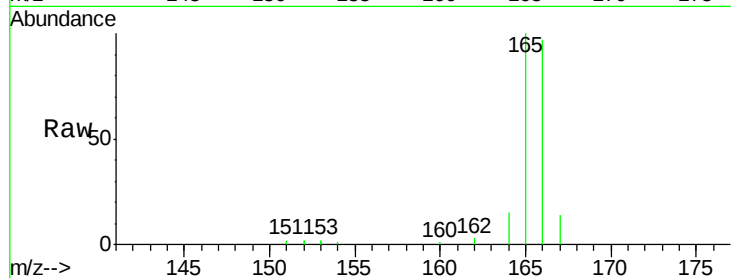
Acq: 21 Jul 2015 19:10

Instrument :

BNA_E

ClientSampleId :

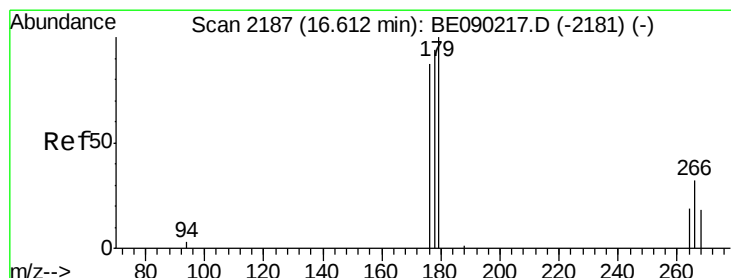
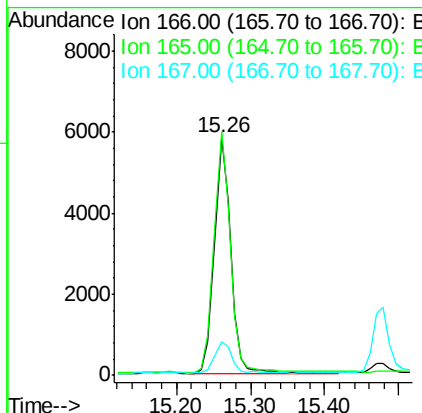
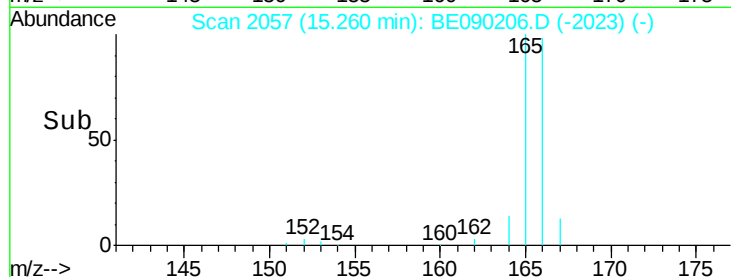
SSTD0.821



Tgt Ion:	166	Resp:	8786
Ion Ratio	Lower	Upper	
166	100		
165	102.6	81.9	122.9
167	14.3	12.2	18.2

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#11

Pentachlorophenol

Concen: 0.46 ng/ul

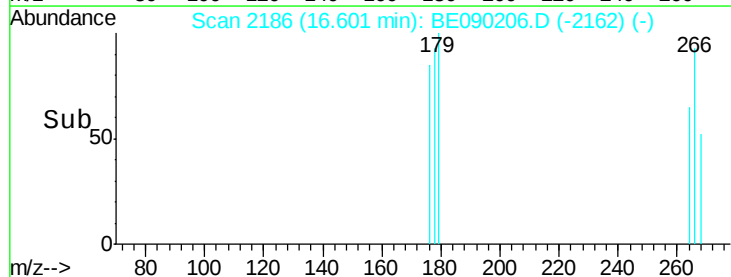
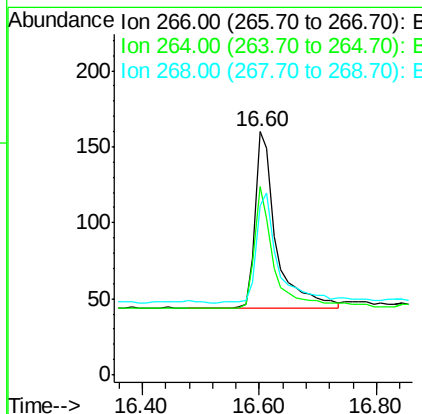
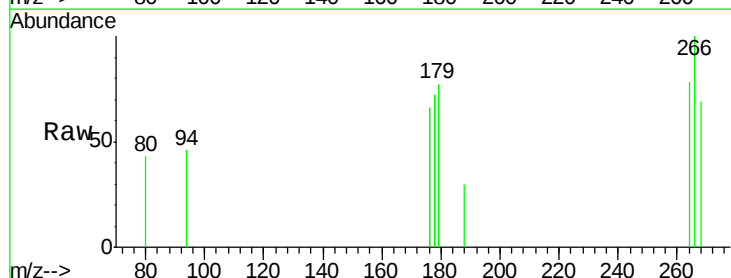
RT: 16.60 min Scan# 2186

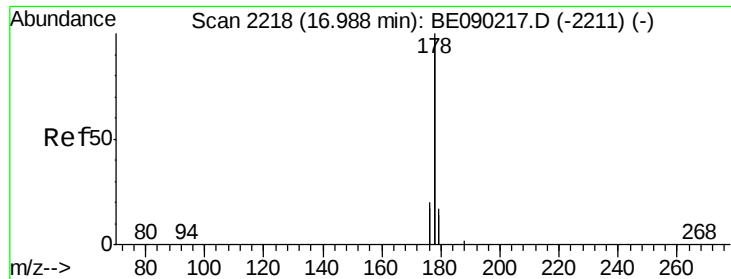
Delta R.T. -0.01 min

Lab File: BE090206.D

Acq: 21 Jul 2015 19:10

Tgt Ion:	266	Resp:	290
Ion Ratio	Lower	Upper	
266	100		
264	65.9	51.6	77.4
268	69.3	41.3	61.9





#12

Phenanthrene

Concen: 0.79 ng/ul

RT: 16.98 min Scan# 2217

Delta R.T. -0.00 min

Lab File: BE090206.D

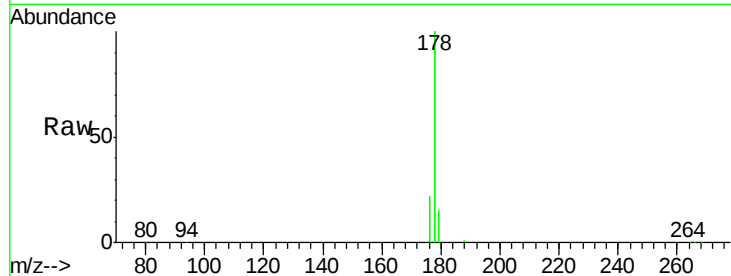
Acq: 21 Jul 2015 19:10

Instrument :

BNA_E

ClientSampleId :

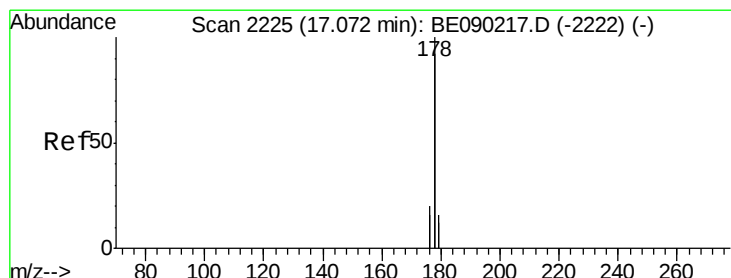
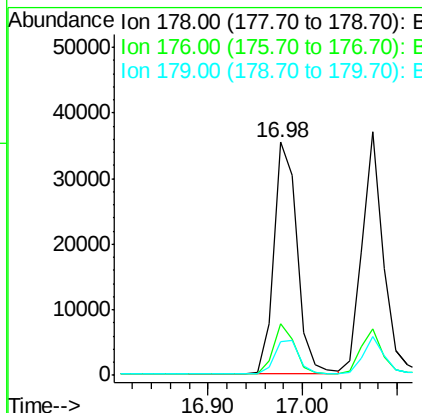
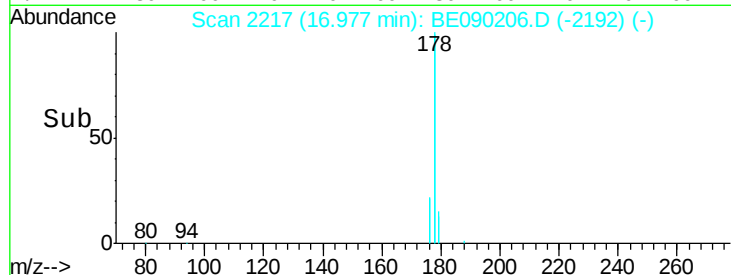
SSTD0.821



Tgt Ion	178	176	179
Ratio	100	22.0	14.7
Lower		17.6	12.2
Upper		26.4	18.4

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#13

Anthracene

Concen: 0.80 ng/ul

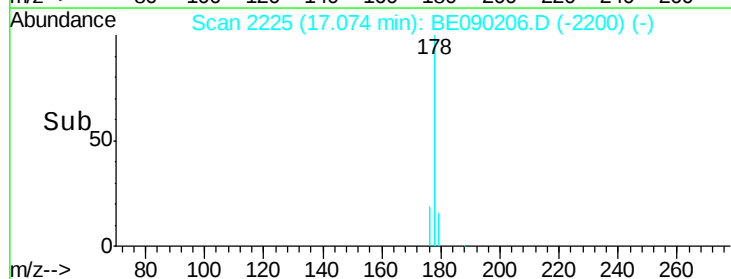
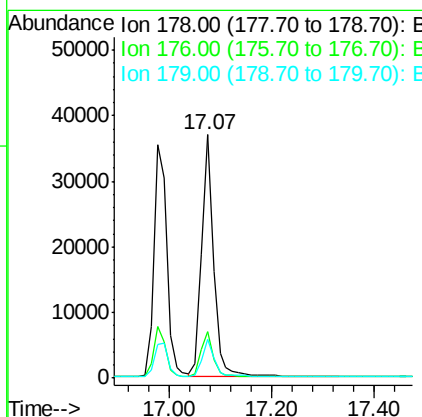
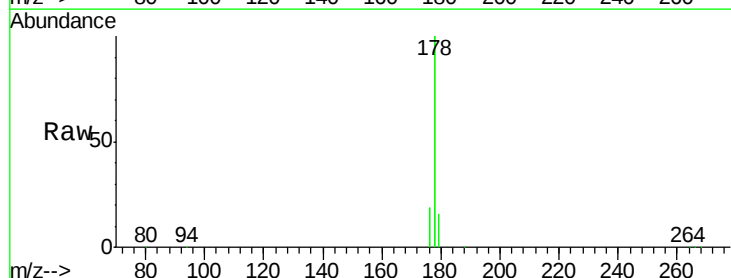
RT: 17.07 min Scan# 2225

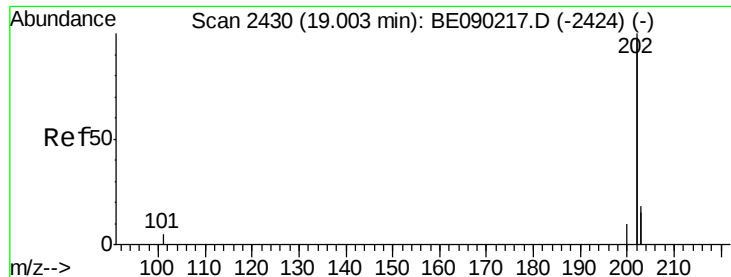
Delta R.T. -0.00 min

Lab File: BE090206.D

Acq: 21 Jul 2015 19:10

Tgt Ion	178	176	179
Ratio	100	19.2	16.1
Lower		15.9	13.3
Upper		23.9	19.9





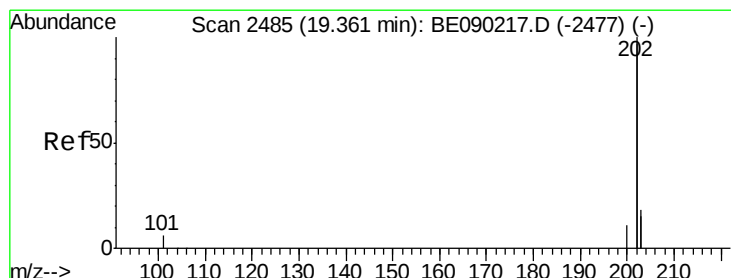
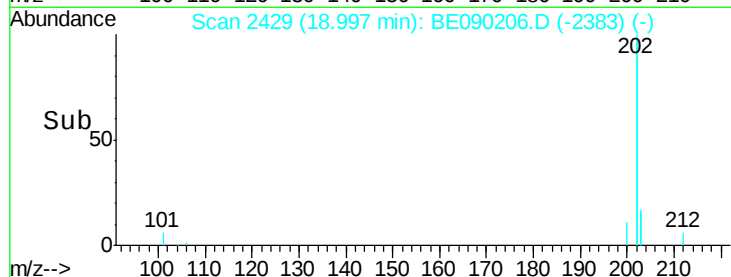
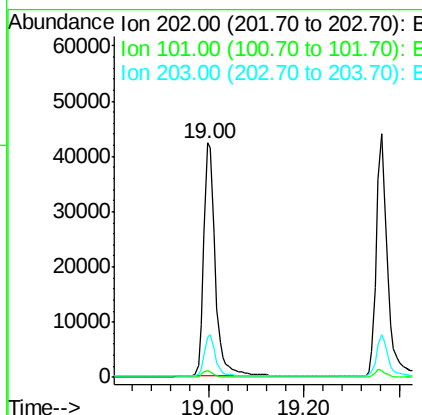
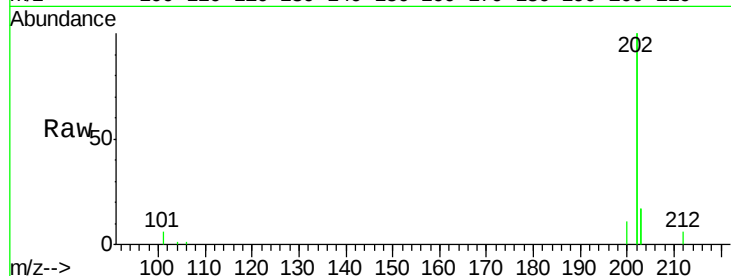
#15
Fluoranthene
 Concen: 0.79 ng/ul
 RT: 19.00 min Scan# 2429
 Delta R.T. -0.00 min
 Lab File: BE090206.D
 Acq: 21 Jul 2015 19:10

Instrument :
 BNA_E
 ClientSampleId :
 SST0.821

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	2.9	0.0	23.0
203	17.0	0.0	37.8

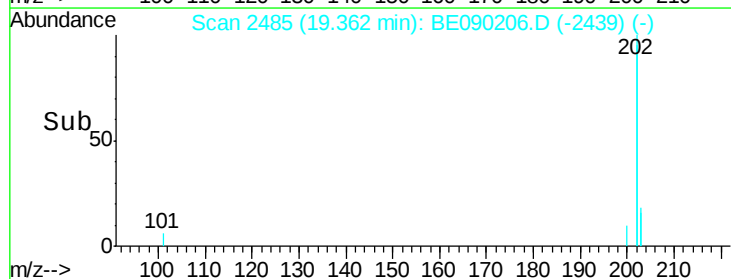
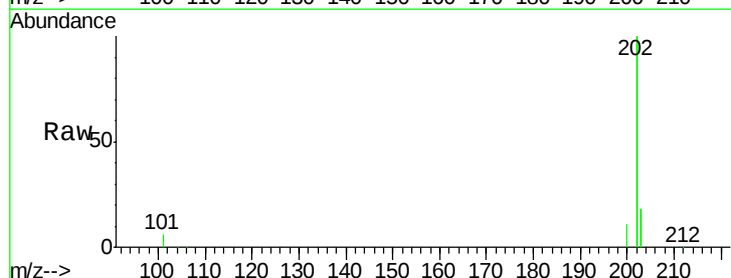
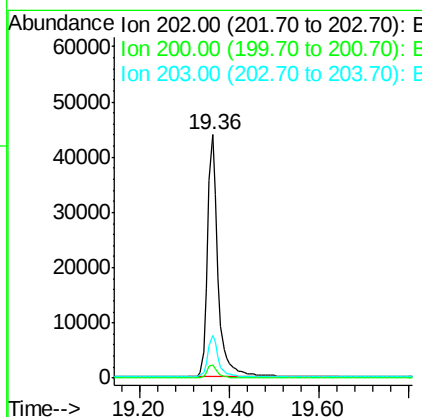
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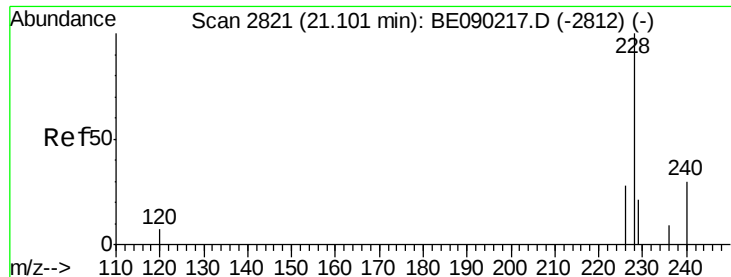
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#17
Pyrene
 Concen: 0.87 ng/ul
 RT: 19.36 min Scan# 2485
 Delta R.T. -0.00 min
 Lab File: BE090206.D
 Acq: 21 Jul 2015 19:10

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	5.3	4.4	6.6
203	17.8	14.6	22.0





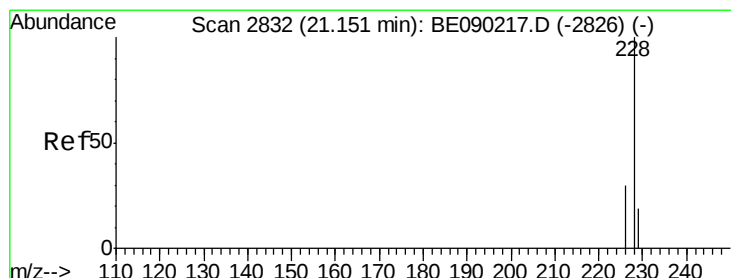
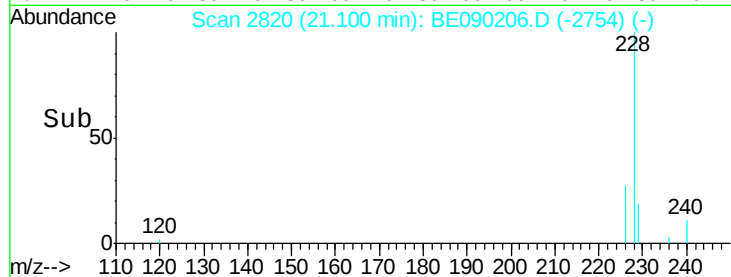
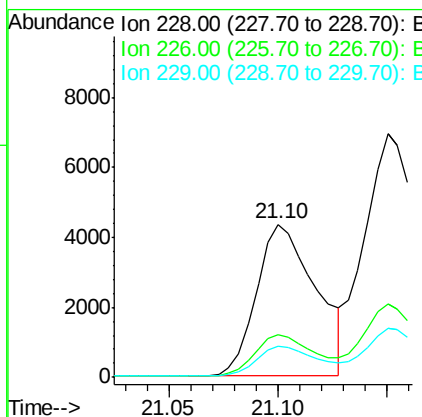
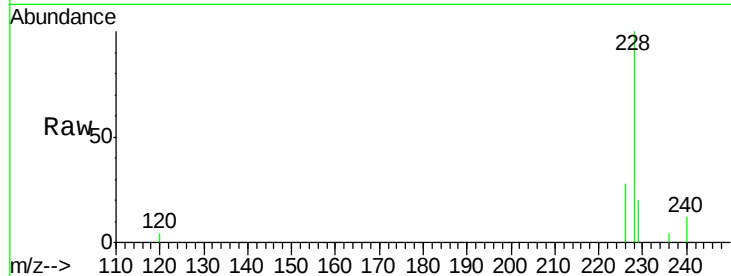
#18
Benzo(a)anthracene
Concen: 0.56 ng/ul
RT: 21.10 min Scan# 2820
Delta R.T. -0.00 min
Lab File: BE090206.D
Acq: 21 Jul 2015 19:10

Instrument :
BNA_E
ClientSampleId :
SSTD0.821

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	24.1	36.1
229	20.2	17.9	26.9

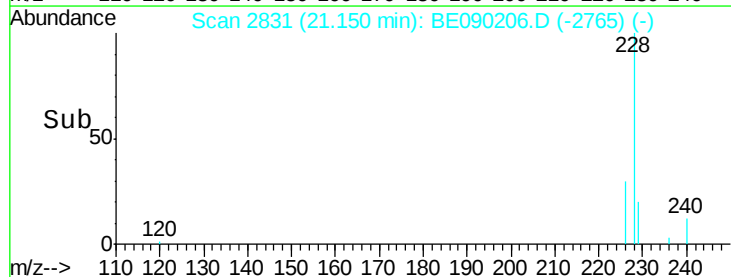
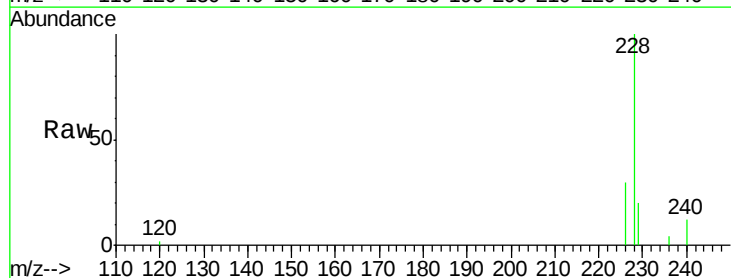
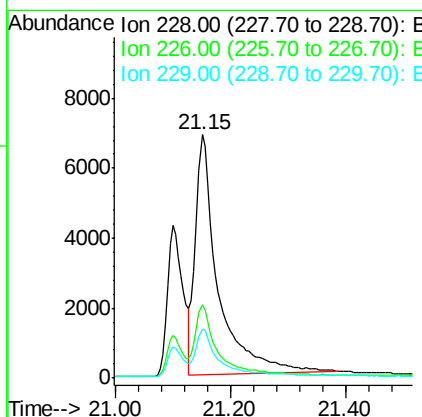
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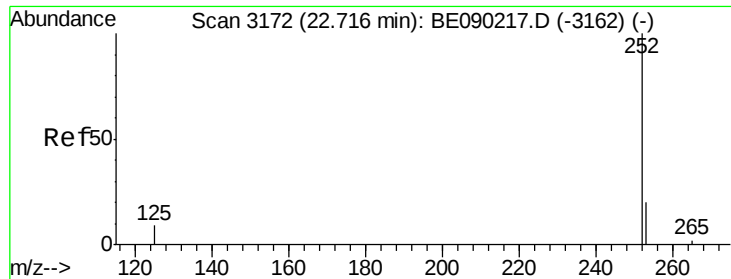
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#19
Chrysene
Concen: 0.91 ng/ul
RT: 21.15 min Scan# 2831
Delta R.T. -0.00 min
Lab File: BE090206.D
Acq: 21 Jul 2015 19:10

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.6	36.8
229	20.0	17.4	26.2





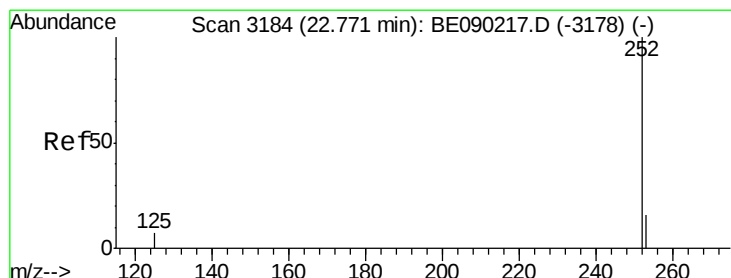
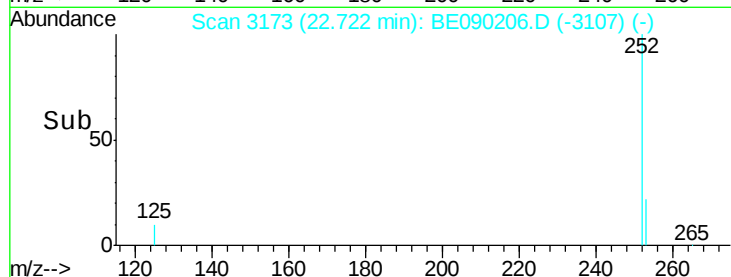
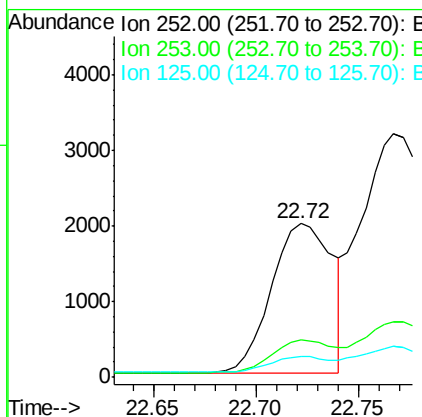
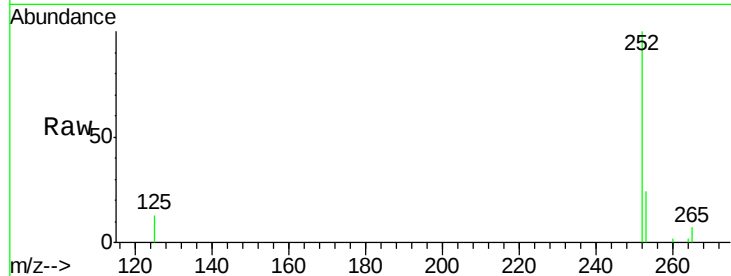
#21
Benzo(b)fluoranthene
Concen: 0.39 ng/u1
RT: 22.72 min Scan# 3173
Delta R.T. -0.00 min
Lab File: BE090206.D
Acq: 21 Jul 2015 19:10

Instrument :
BNA_E
ClientSampleId :
SSTD0.821

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	0.0	56.8
125	13.3	0.0	37.0

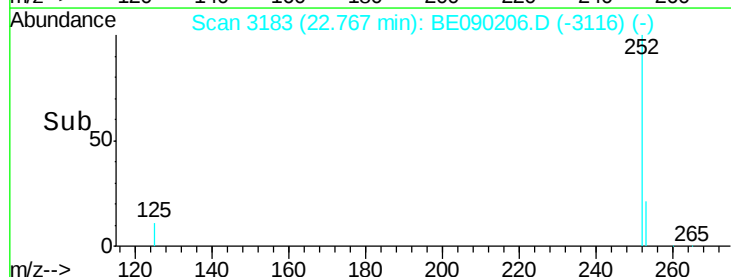
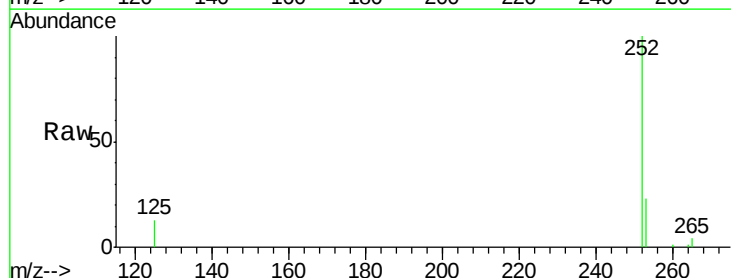
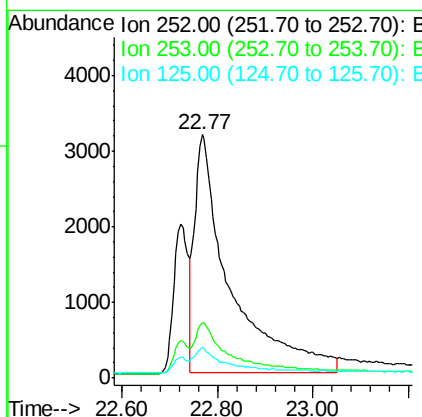
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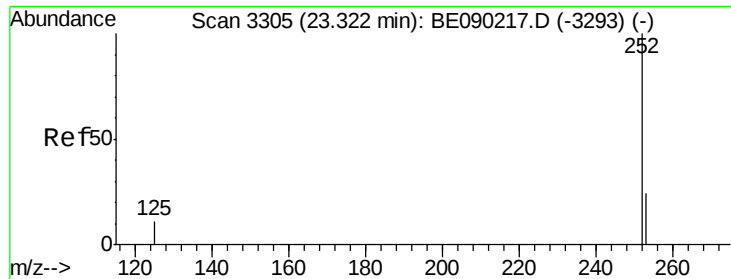
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#22
Benzo(k)fluoranthene
Concen: 1.04 ng/u1 m
RT: 22.77 min Scan# 3183
Delta R.T. 0.00 min
Lab File: BE090206.D
Acq: 21 Jul 2015 19:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	19.5	29.3
125	12.9	11.9	17.9





#23

Benzo(a)pyrene

Concen: 0.56 ng/ul

RT: 23.32 min Scan# 3305

Delta R.T. 0.00 min

Lab File: BE090206.D

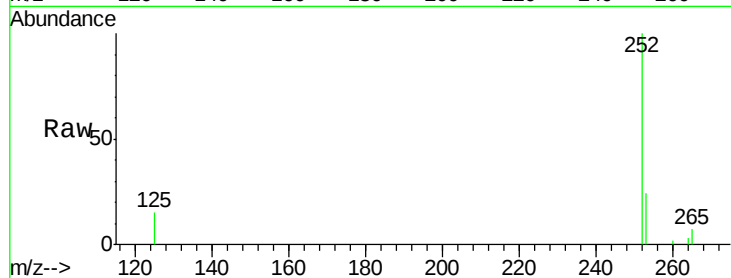
Acq: 21 Jul 2015 19:10

Instrument :

BNA_E

ClientSampleId :

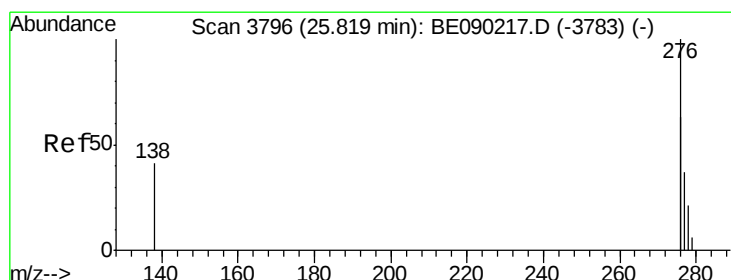
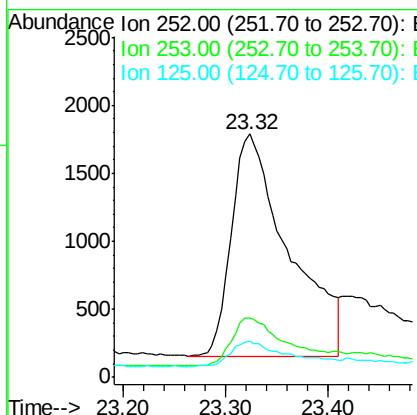
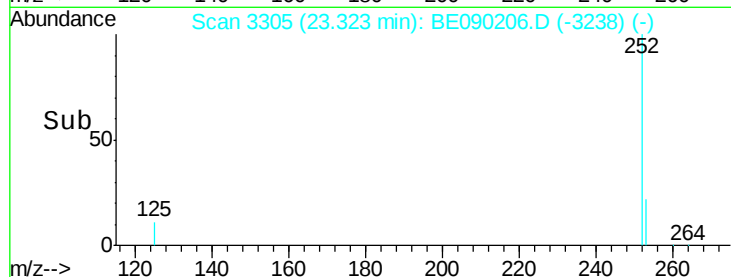
SSTD0.821



Tgt Ion:	252	Resp:	6348
Ion Ratio	Lower	Upper	
252	100		
253	24.2	23.7	35.5
125	14.9	15.4	23.2

Manual Integrations
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7/22/2015 3:02:33 PM



#24

Indeno(1,2,3-cd)pyrene

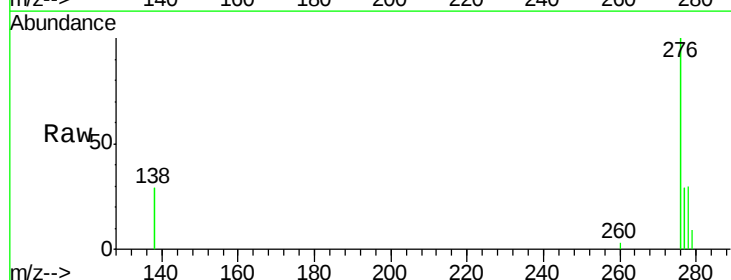
Concen: 0.42 ng/ul

RT: 25.82 min Scan# 3796

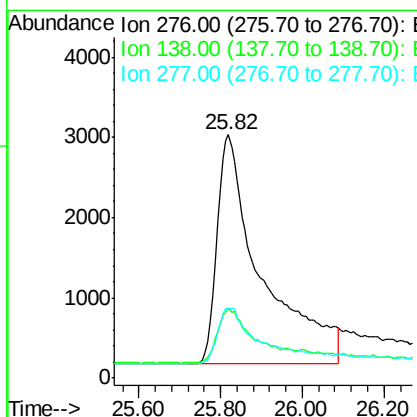
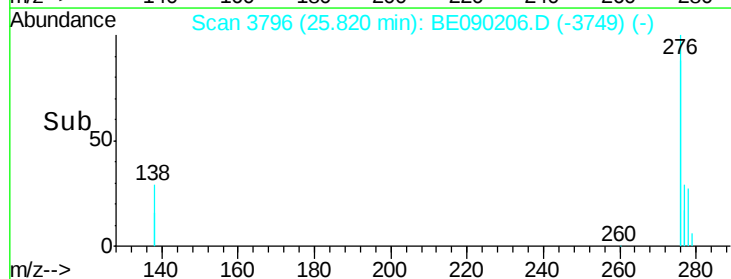
Delta R.T. 0.01 min

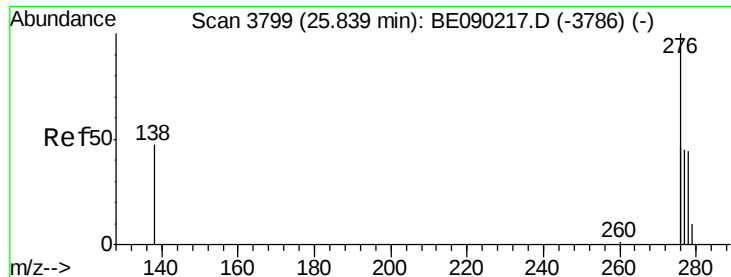
Lab File: BE090206.D

Acq: 21 Jul 2015 19:10



Tgt Ion:	276	Resp:	21473
Ion Ratio	Lower	Upper	
276	100		
138	19.1	16.9	25.3
277	21.0	17.0	25.4





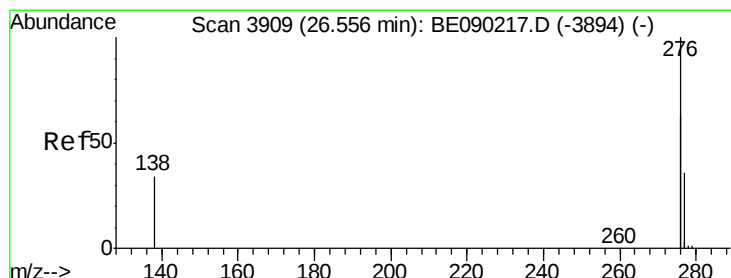
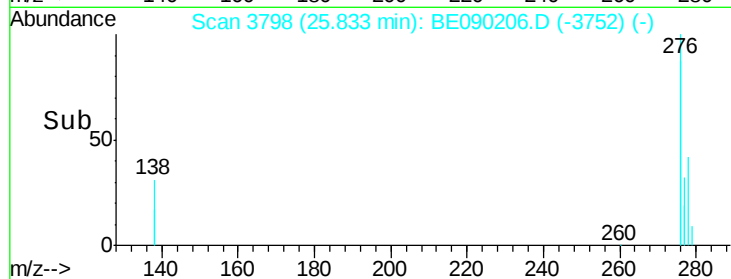
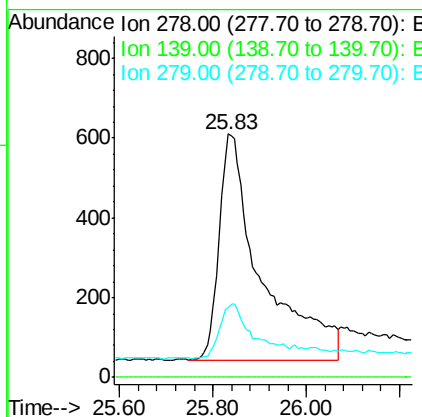
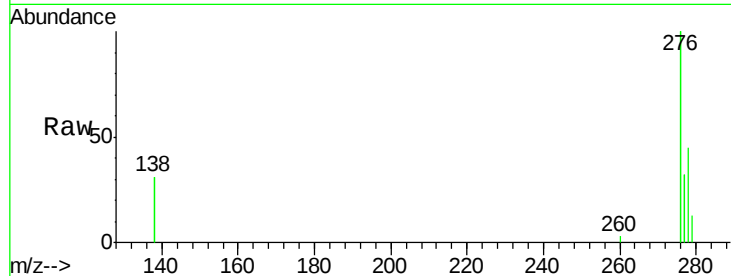
#25
Dibenzo(a,h)anthracene
Concen: 0.36 ng/ul
RT: 25.83 min Scan# 3798
Delta R.T. -0.00 min
Lab File: BE090206.D
Acq: 21 Jul 2015 19:10

Instrument :
BNA_E
ClientSampleId :
SSTD0.821

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	3562		
139	0.0	0.0	0.0	0.0
279	28.6	30.1	45.1	

Manual Integrations
APPROVED

apatel
7/22/2015 3:02:33 PM



#26
Benzo(g,h,i)perylene
Concen: 0.66 ng/ul
RT: 26.56 min Scan# 3909
Delta R.T. -0.00 min
Lab File: BE090206.D
Acq: 21 Jul 2015 19:10

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	31437		
277	26.3	24.6	36.8	
138	23.7	23.5	35.3	

