

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072215\
 Data File : BE090205.D
 Acq On : 21 Jul 2015 18:31
 Operator : TP/IZ
 Sample : SSTD0.420
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTD0.420

Manual Integrations
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Quant Time: Jul 22 03:14:15 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	854	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	4091	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.21	164	2283	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.94	188	6282	0.40	ng/ul	0.00
16) Chrysene-d12	21.11	240	5171	0.40	ng/ul	0.00
20) Perylene-d12	23.43	264	3338	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	11.96	152	2563	0.39	ng/ul	0.00
14) Fluoranthene-d10	18.97	212	7123	0.38	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.41	128	4253	0.39	ng/ul	100
5) 2-Methylnaphthalene	12.03	142	2841	0.39	ng/ul	100
7) Acenaphthylene	13.93	152	19110	0.40	ng/ul	100
8) Acenaphthene	14.27	153	13714	0.39	ng/ul	100
9) Fluorene	15.26	166	4109	0.40	ng/ul	100
11) Pentachlorophenol	16.61	266	155	0.26	ng/ul	100
12) Phenanthrene	16.98	178	27673	0.38	ng/ul	100
13) Anthracene	17.07	178	27199	0.39	ng/ul	100
15) Fluoranthene	19.00	202	31882	0.37	ng/ul	100
17) Pyrene	19.36	202	32299	0.47	ng/ul	100
18) Benzo(a)anthracene	21.10	228	3092	0.25	ng/ul	100
19) Chrysene	21.15	228	8090	0.47	ng/ul	100
21) Benzo(b)fluoranthene	22.72	252	1573	0.19	ng/ul	100
22) Benzo(k)fluoranthene	22.76	252	4981m	0.40	ng/ul	
23) Benzo(a)pyrene	23.32	252	2427	0.27	ng/ul	100
24) Indeno(1,2,3-cd)pyrene	25.81	276	7436	0.19	ng/ul	100
25) Dibenzo(a,h)anthracene	25.83	278	1024	0.13	ng/ul	100
26) Benzo(g,h,i)perylene	26.56	276	9320	0.25	ng/ul	100

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

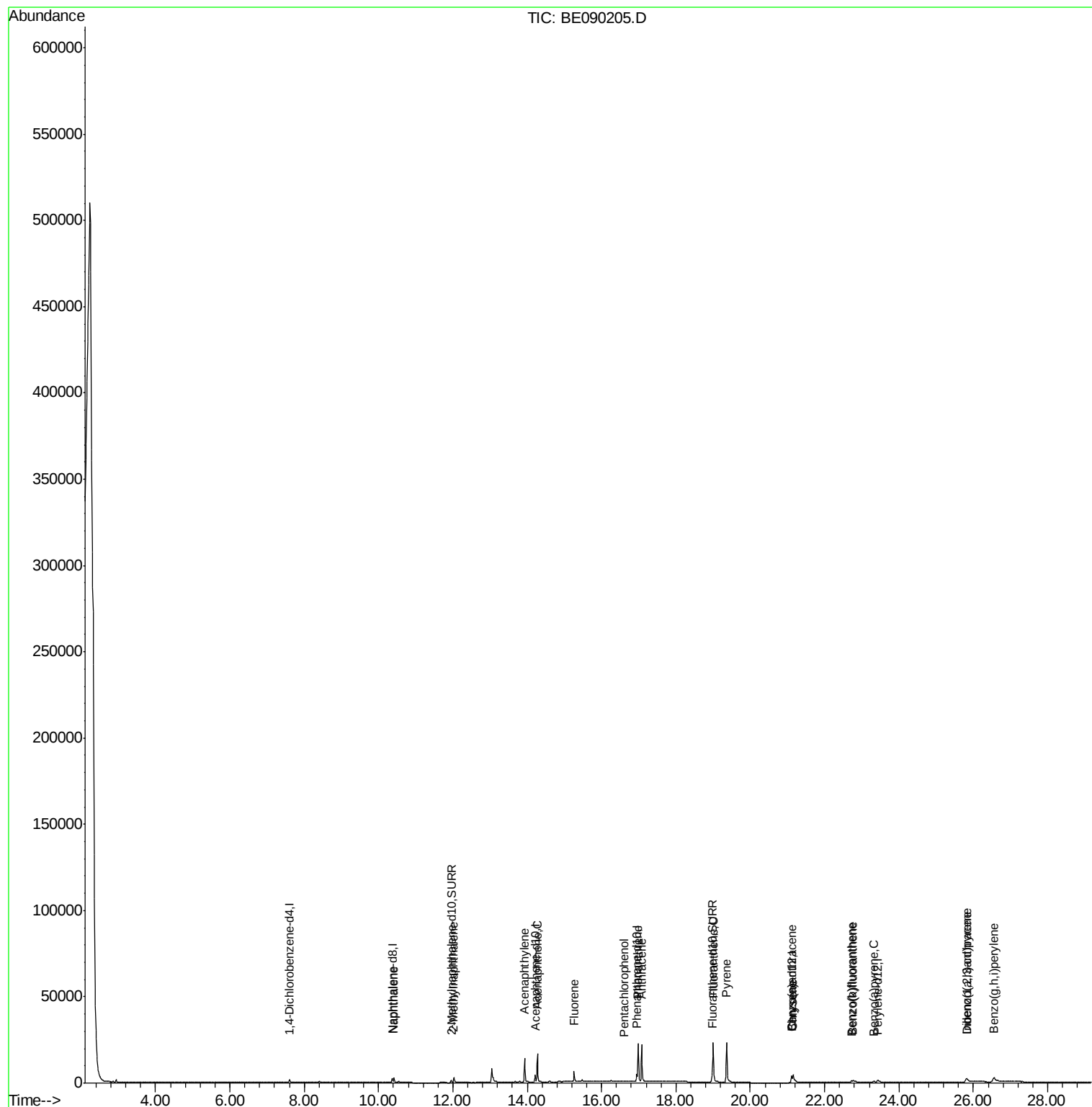
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072215\
Data File : BE090205.D
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ALS Vial : 4 Sample Multiplier: 1

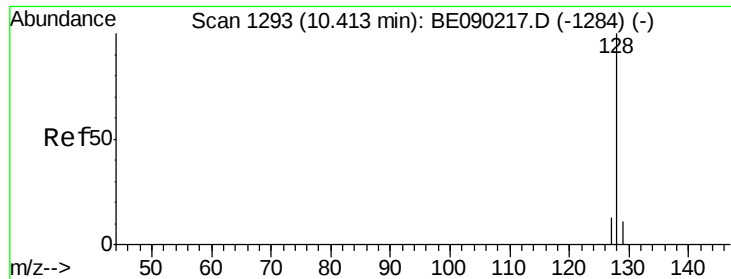
Instrument :
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SSTD0.420

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Quant Time: Jul 22 03:14:15 2015
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: 0.39 ng/ul

RT: 10.41 min Scan# 1293

Delta R.T. 0.00 min

Lab File: BE090205.D

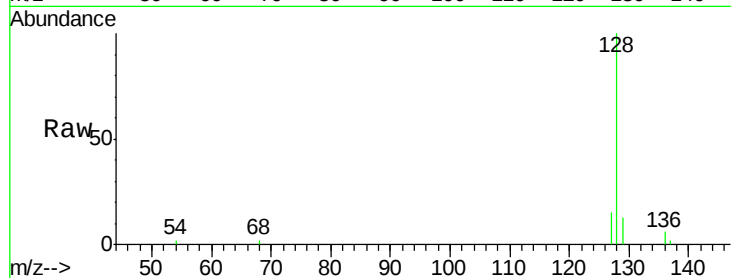
Acq: 21 Jul 2015 18:31

Instrument :

BNA_E

ClientSampleId :

SSTD0.420



Tgt Ion:128 Resp: 4253

Ion Ratio Lower Upper

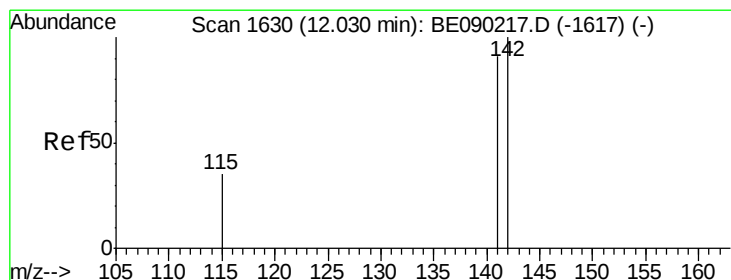
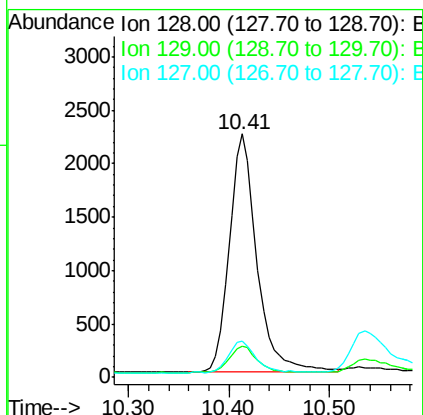
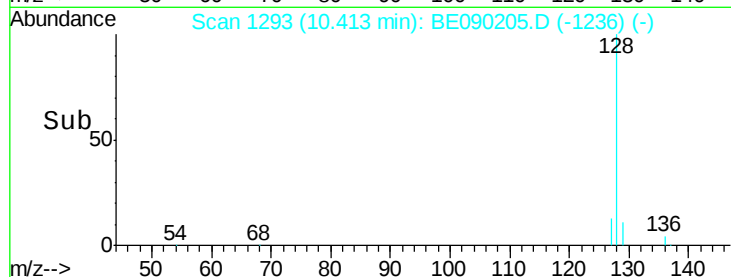
128 100

129 12.7 10.2 15.2

127 14.7 11.8 17.6

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#5

2-Methylnaphthalene

Concen: 0.39 ng/ul

RT: 12.03 min Scan# 1629

Delta R.T. 0.00 min

Lab File: BE090205.D

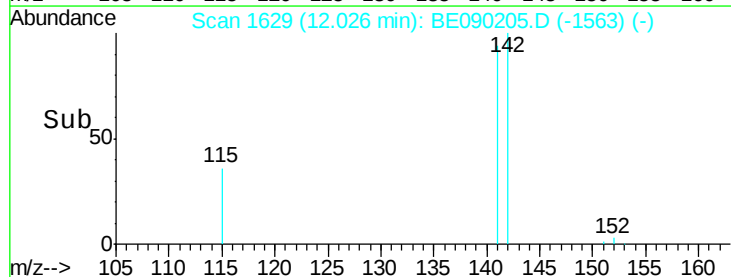
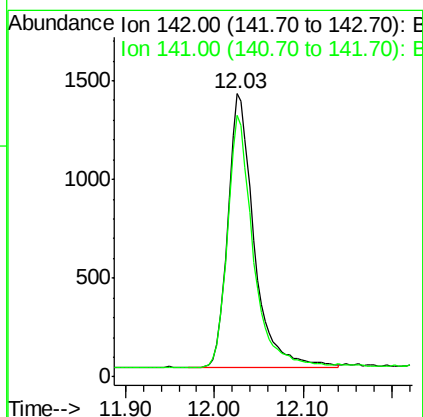
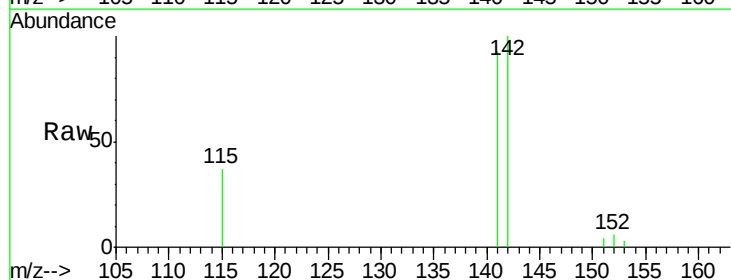
Acq: 21 Jul 2015 18:31

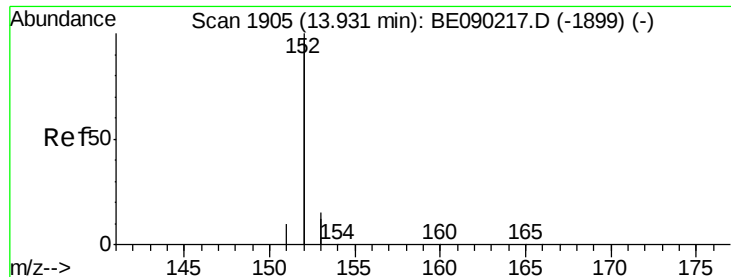
Tgt Ion:142 Resp: 2841

Ion Ratio Lower Upper

142 100

141 91.3 73.0 109.6





#7

Acenaphthylene

Concen: 0.40 ng/ul

RT: 13.93 min Scan# 1905

Delta R.T. 0.00 min

Lab File: BE090205.D

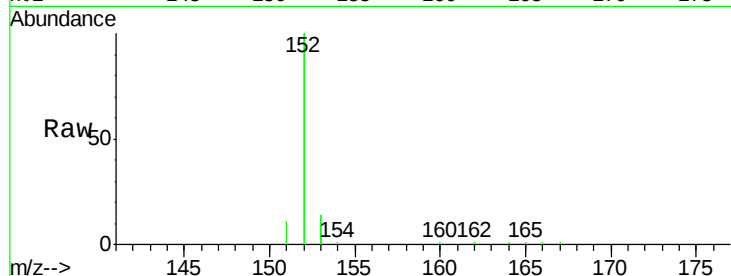
Acq: 21 Jul 2015 18:31

Instrument :

BNA_E

ClientSampleId :

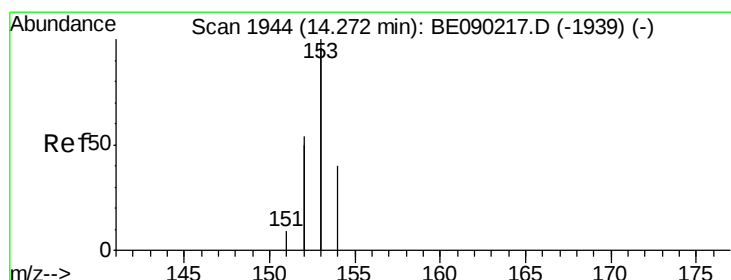
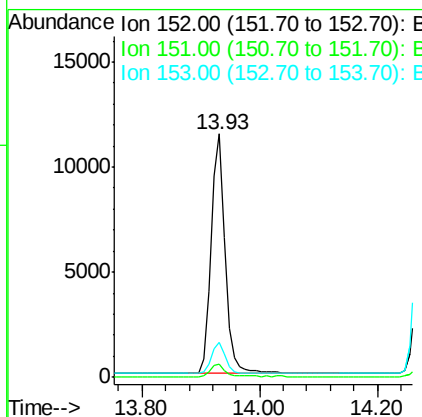
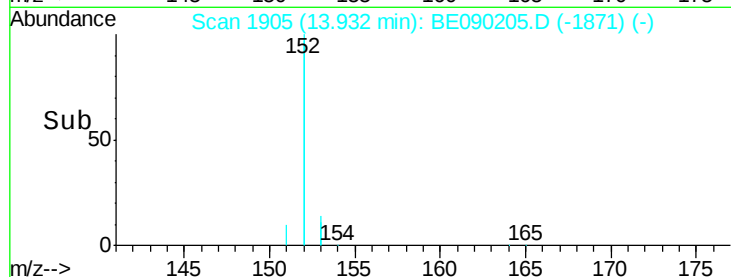
SSTD0.420



Tgt Ion	Ratio	Lower	Upper
152	100		
151	5.3	4.2	6.4
153	14.4	11.5	17.3

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#8

Acenaphthene

Concen: 0.39 ng/ul

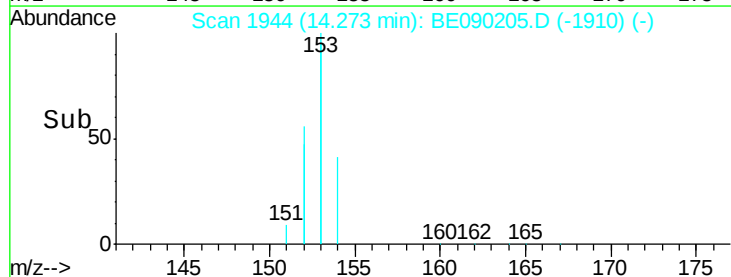
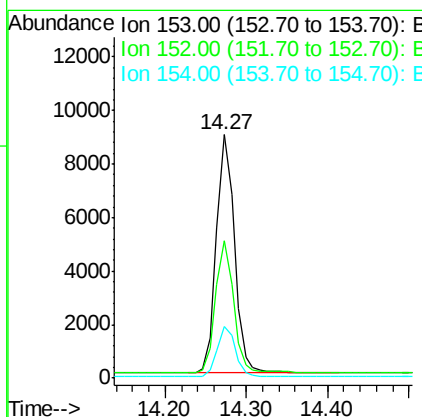
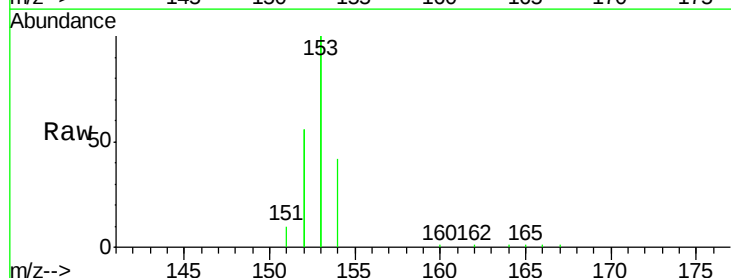
RT: 14.27 min Scan# 1944

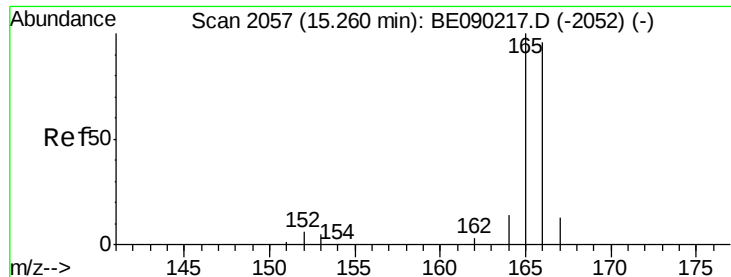
Delta R.T. 0.00 min

Lab File: BE090205.D

Acq: 21 Jul 2015 18:31

Tgt Ion	Ratio	Lower	Upper
153	100		
152	56.2	45.0	67.4
154	21.0	16.8	25.2





#9

Fluorene

Concen: 0.40 ng/ul

RT: 15.26 min Scan# 2057

Delta R.T. 0.00 min

Lab File: BE090205.D

Acq: 21 Jul 2015 18:31

Instrument :

BNA_E

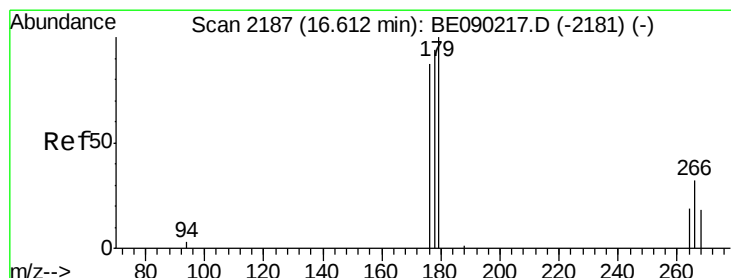
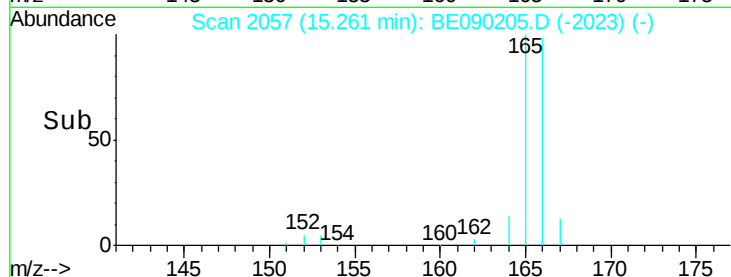
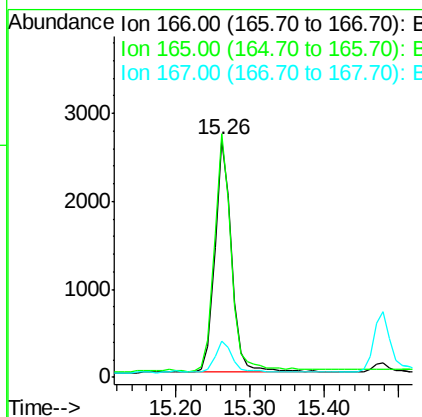
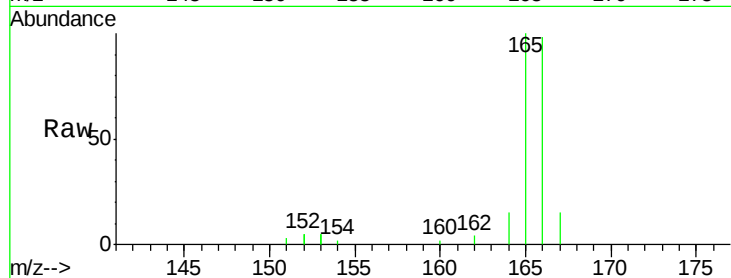
ClientSampleId :

SSTD0.420

Tgt Ion:	166	Resp:	4109
Ion Ratio	Lower	Upper	
166	100		
165	102.4	81.9	122.9
167	15.2	12.2	18.2

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#11

Pentachlorophenol

Concen: 0.26 ng/ul

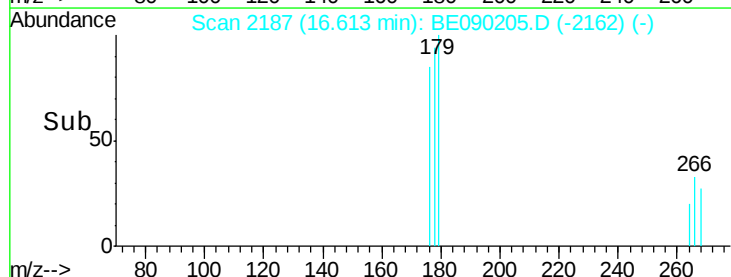
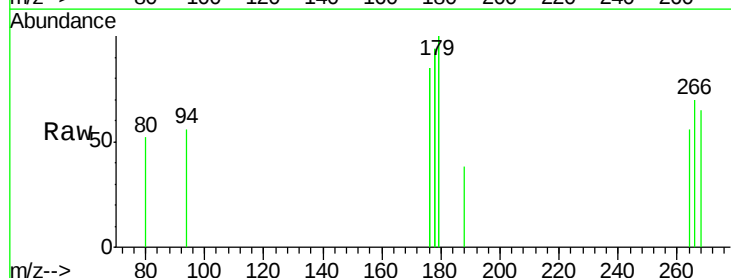
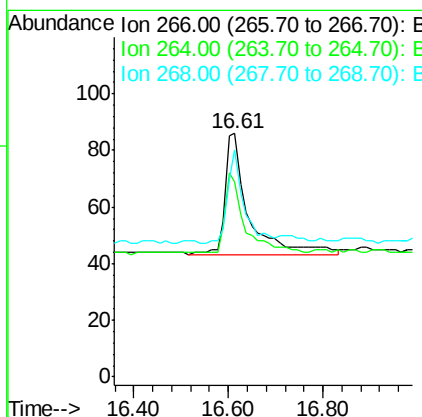
RT: 16.61 min Scan# 2187

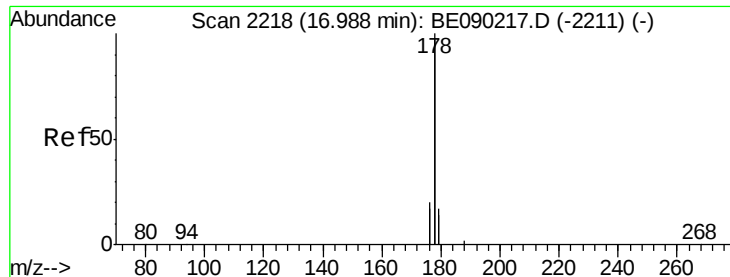
Delta R.T. 0.00 min

Lab File: BE090205.D

Acq: 21 Jul 2015 18:31

Tgt Ion:	266	Resp:	155
Ion Ratio	Lower	Upper	
266	100		
264	64.5	51.6	77.4
268	51.6	41.3	61.9





#12

Phenanthrene

Concen: 0.38 ng/ul

RT: 16.98 min Scan# 2217

Delta R.T. 0.00 min

Lab File: BE090205.D

Acq: 21 Jul 2015 18:31

Instrument :

BNA_E

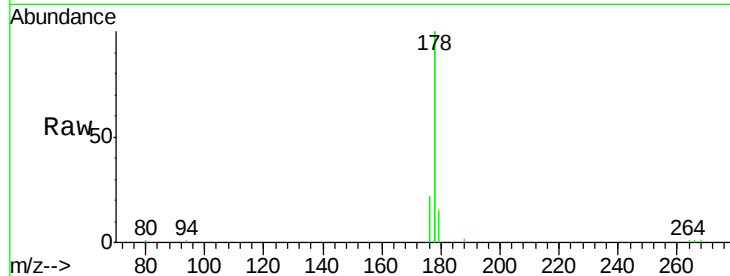
ClientSampleId :

SSTD0.420

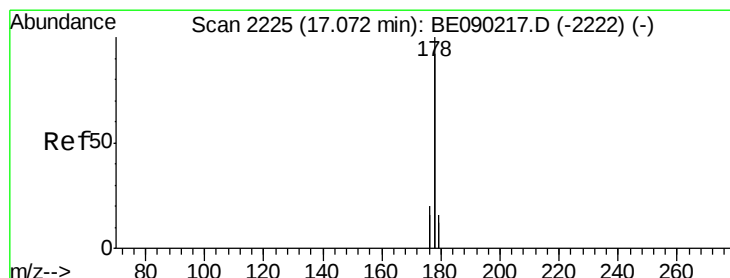
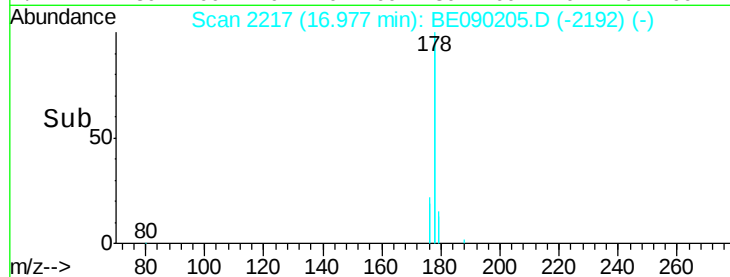
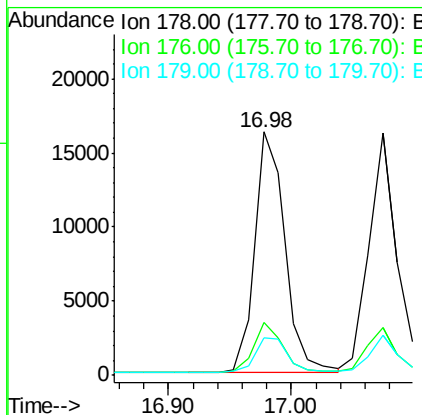
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Tgt Ion:	178	Resp:	27673
Ion Ratio	Lower	Upper	
178	100		
176	22.0	17.6	26.4
179	15.3	12.2	18.4



#13

Anthracene

Concen: 0.39 ng/ul

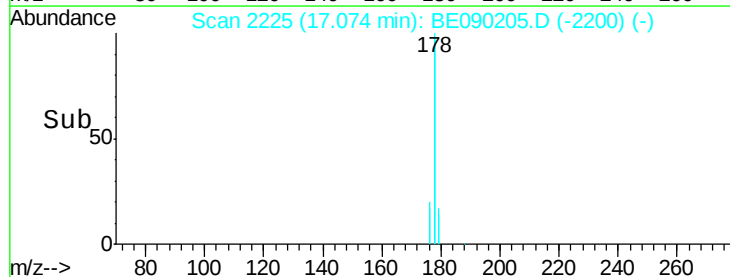
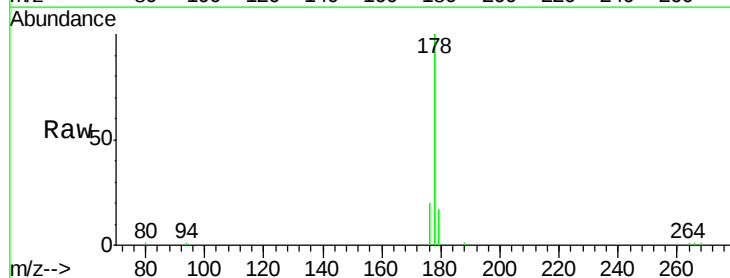
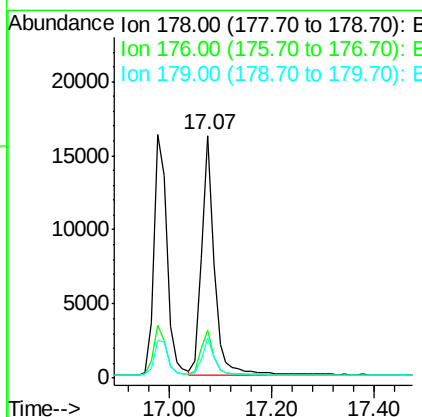
RT: 17.07 min Scan# 2225

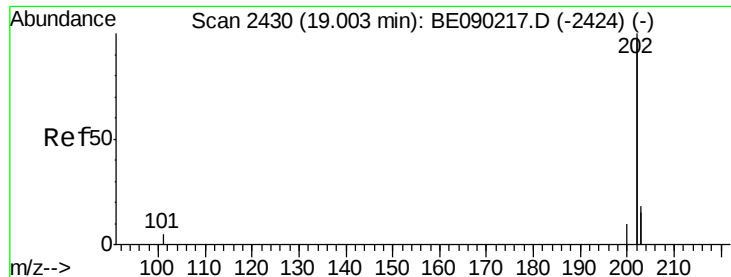
Delta R.T. 0.00 min

Lab File: BE090205.D

Acq: 21 Jul 2015 18:31

Tgt Ion:	178	Resp:	27199
Ion Ratio	Lower	Upper	
178	100		
176	19.9	15.9	23.9
179	16.6	13.3	19.9





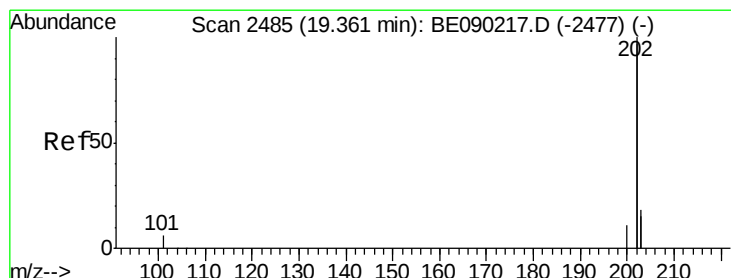
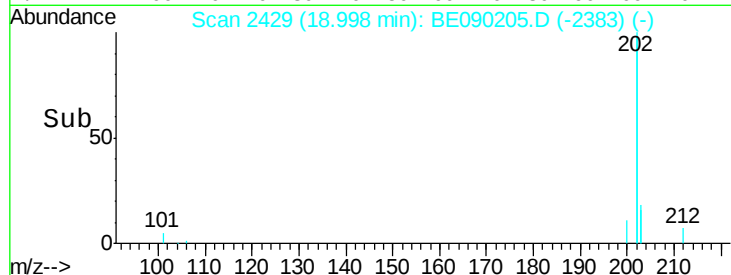
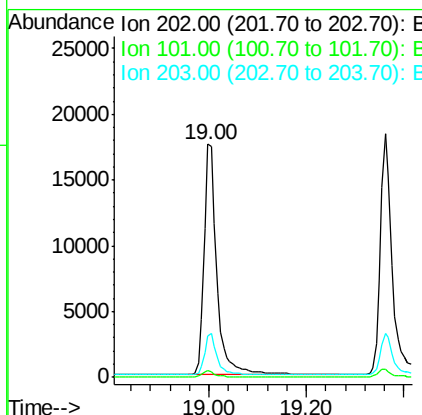
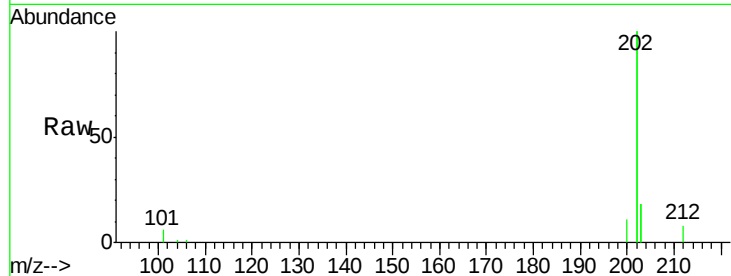
#15
Fluoranthene
Concen: 0.37 ng/ul
RT: 19.00 min Scan# 2429
Delta R.T. 0.00 min
Lab File: BE090205.D
Acq: 21 Jul 2015 18:31

Instrument :
BNA_E
ClientSampleId :
SSTD0.420

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	3.0	0.0	23.0
203	17.8	0.0	37.8

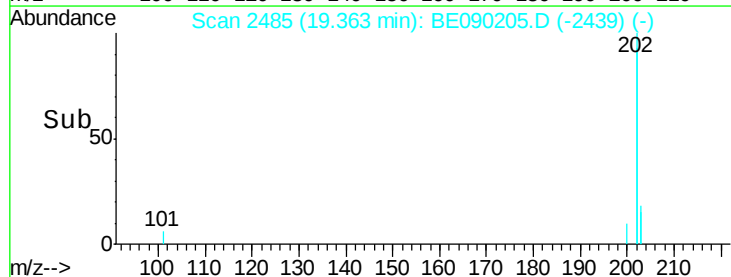
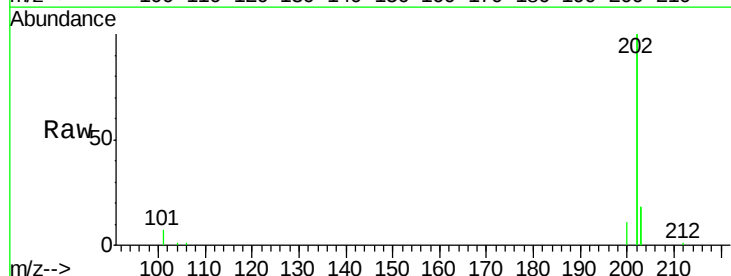
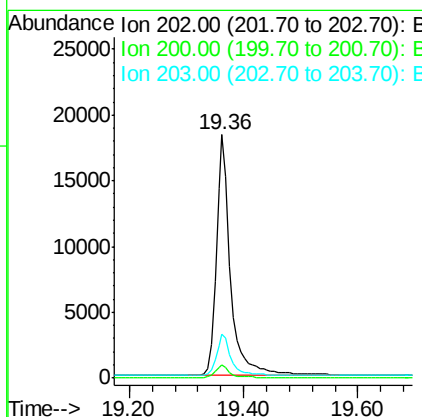
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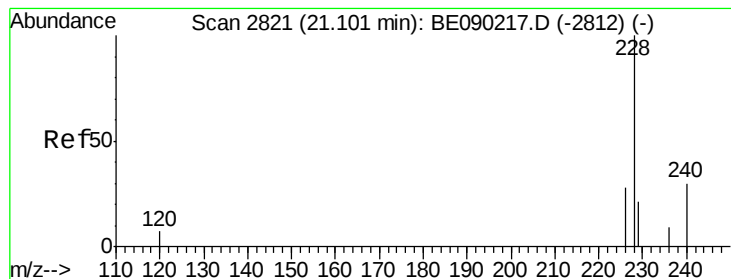
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#17
Pyrene
Concen: 0.47 ng/ul
RT: 19.36 min Scan# 2485
Delta R.T. 0.00 min
Lab File: BE090205.D
Acq: 21 Jul 2015 18:31

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	5.5	4.4	6.6
203	18.3	14.6	22.0





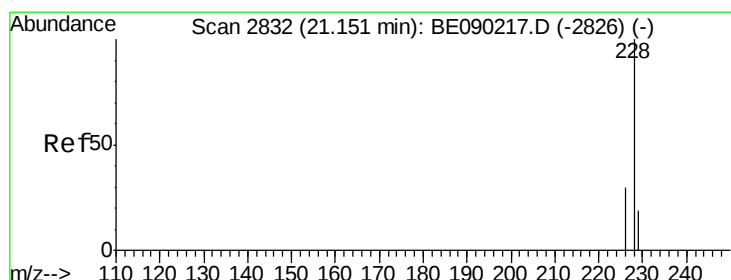
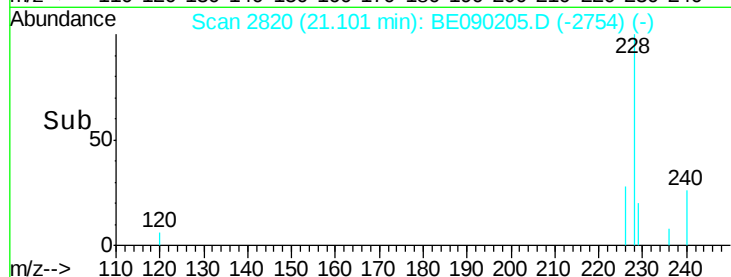
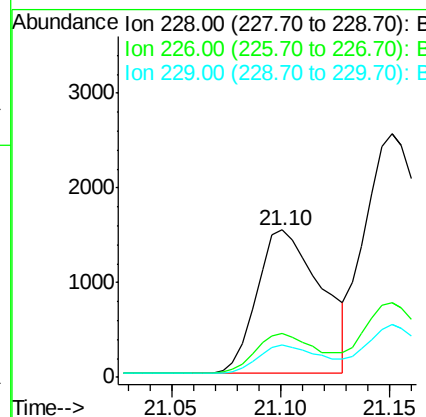
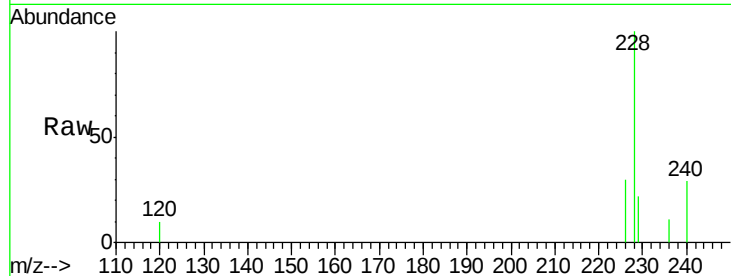
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Benzo(a)anthracene
Concen: 0.25 ng/ul
RT: 21.10 min Scan# 2820
Delta R.T. 0.00 min
Lab File: BE090205.D
Acq: 21 Jul 2015 18:31

Instrument :
BNA_E
ClientSampleId :
SSTD0.420

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.1	36.1
229	22.4	17.9	26.9

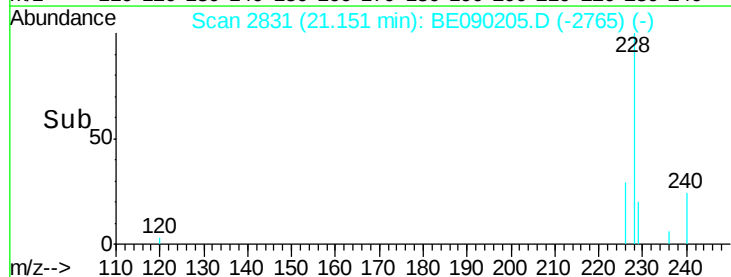
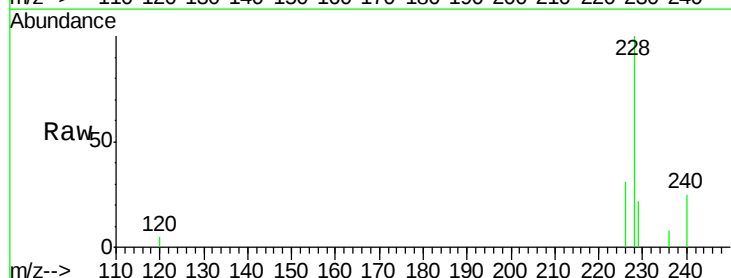
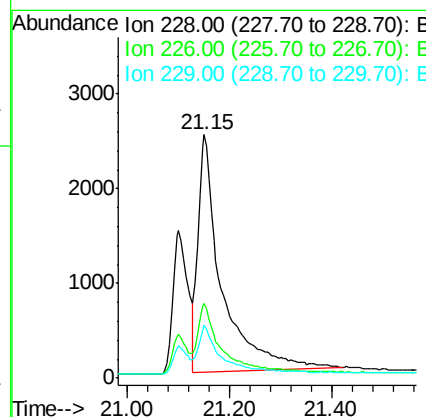
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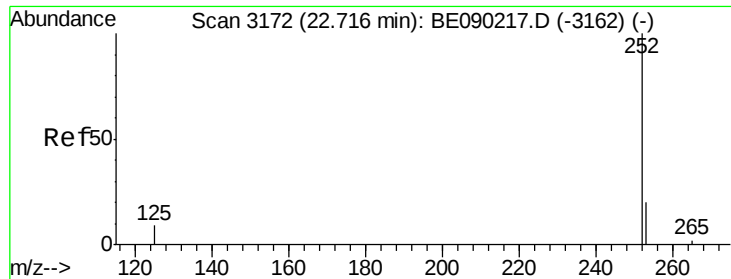
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#19
Chrysene
Concen: 0.47 ng/ul
RT: 21.15 min Scan# 2831
Delta R.T. 0.00 min
Lab File: BE090205.D
Acq: 21 Jul 2015 18:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.6	36.8
229	21.8	17.4	26.2





#21

Benzo(b)fluoranthene

Concen: 0.19 ng/ul

RT: 22.72 min Scan# 3173

Delta R.T. 0.00 min

Lab File: BE090205.D

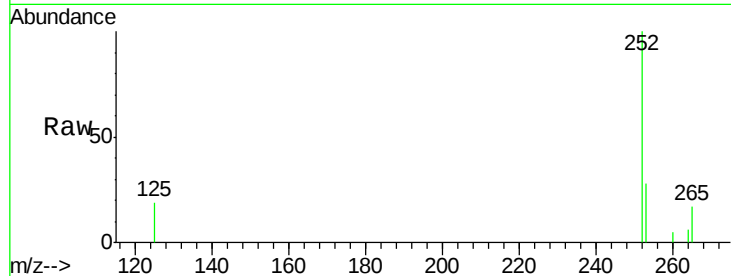
Acq: 21 Jul 2015 18:31

Instrument :

BNA_E

ClientSampleId :

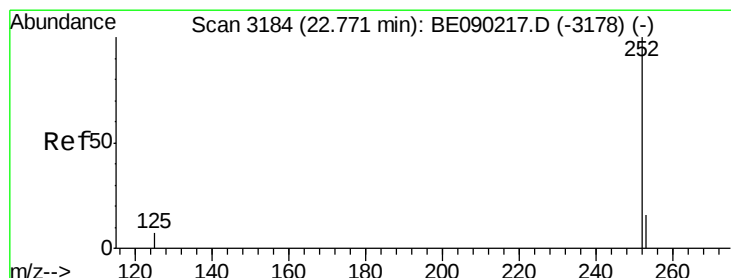
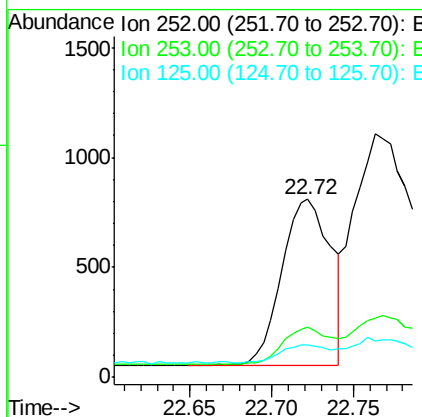
SSTD0.420



Tgt Ion:	252	Resp:	1573
Ion Ratio	Lower	Upper	
252	100		
253	28.4	0.0	56.8
125	18.5	0.0	37.0

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#22

Benzo(k)fluoranthene

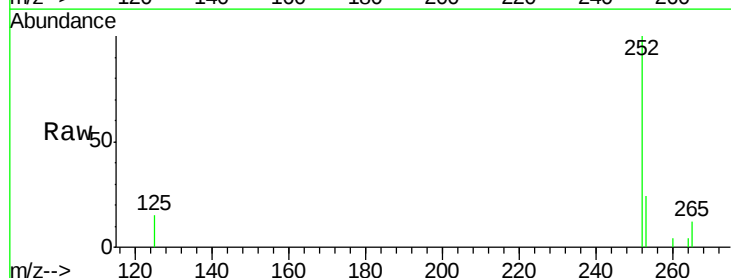
Concen: 0.40 ng/ul m

RT: 22.76 min Scan# 3182

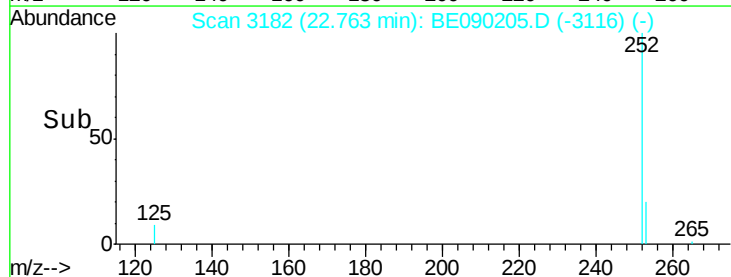
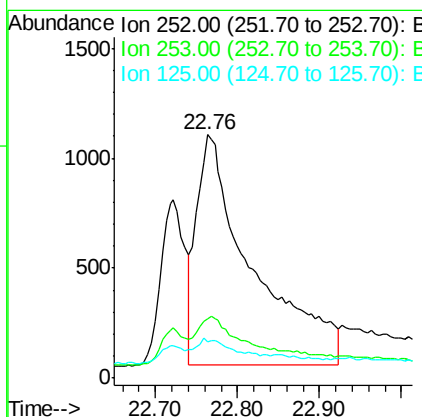
Delta R.T. 0.00 min

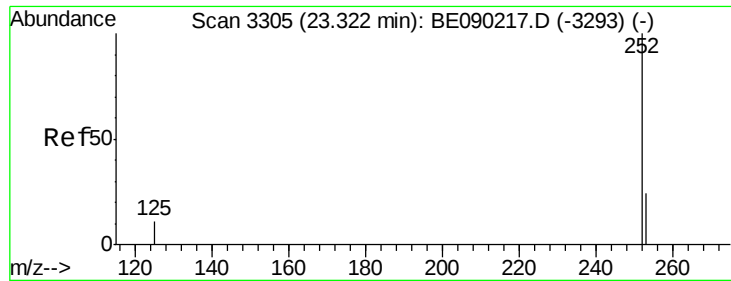
Lab File: BE090205.D

Acq: 21 Jul 2015 18:31



Tgt Ion:	252	Resp:	4981
Ion Ratio	Lower	Upper	
252	100		
253	24.4	19.5	29.3
125	14.9	11.9	17.9





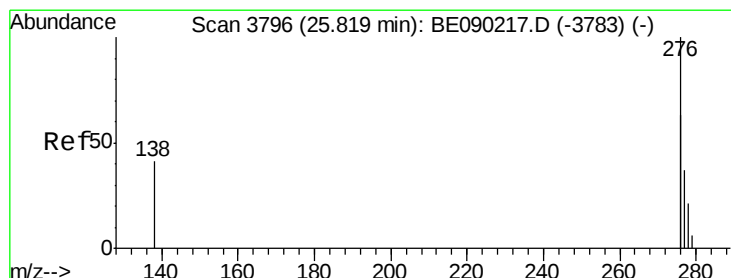
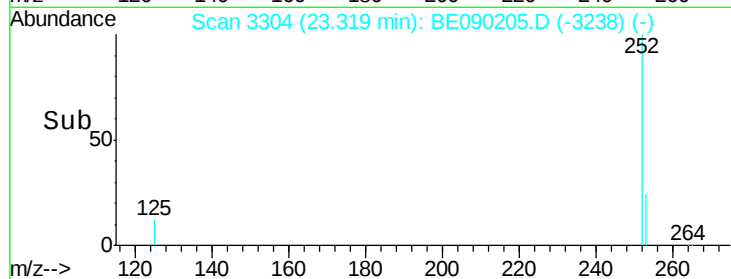
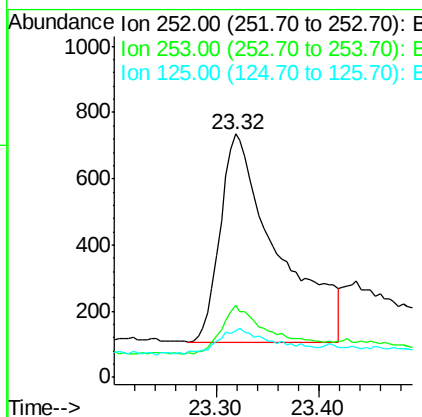
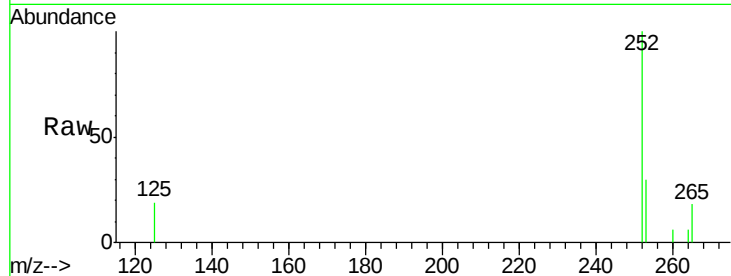
#23
Benzo(a)pyrene
Concen: 0.27 ng/ul
RT: 23.32 min Scan# 3304
Delta R.T. 0.00 min
Lab File: BE090205.D
Acq: 21 Jul 2015 18:31

Instrument :
BNA_E
ClientSampleId :
SSTD0.420

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.6	23.7	35.5
125	19.3	15.4	23.2

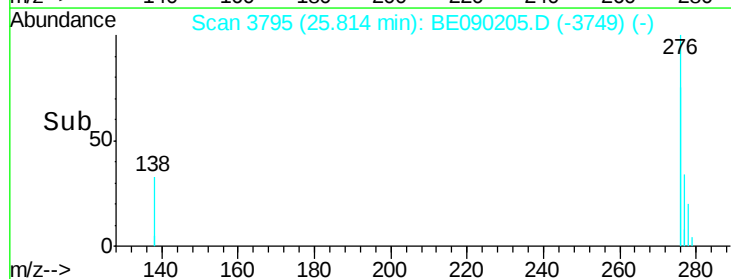
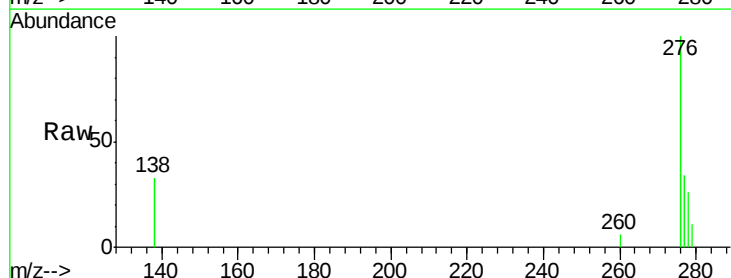
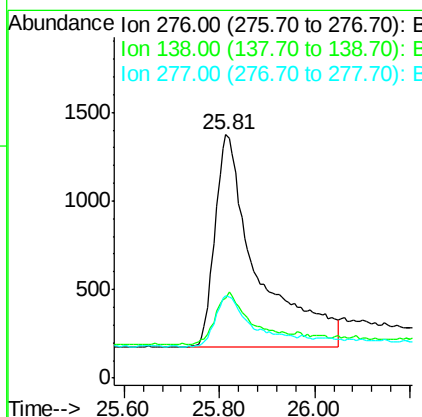
Manual Integrations
APPROVED

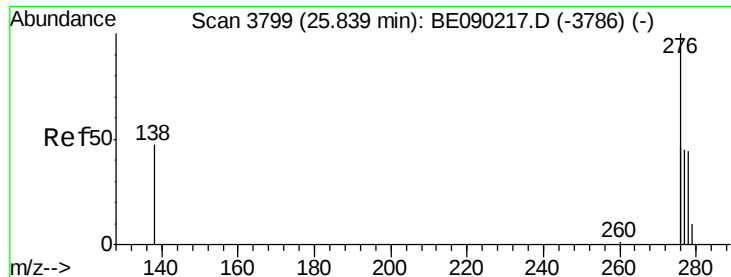
apatel
7/22/2015 3:02:27 PM



#24
Indeno(1,2,3-cd)pyrene
Concen: 0.19 ng/ul
RT: 25.81 min Scan# 3795
Delta R.T. 0.00 min
Lab File: BE090205.D
Acq: 21 Jul 2015 18:31

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.1	16.9	25.3
277	21.2	17.0	25.4





#25

Dibenzo(a,h)anthracene

Concen: 0.13 ng/ul

RT: 25.83 min Scan# 3798

Delta R.T. 0.00 min

Lab File: BE090205.D

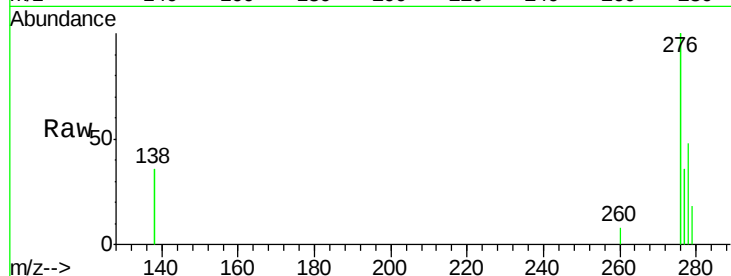
Acq: 21 Jul 2015 18:31

Instrument :

BNA_E

ClientSampleId :

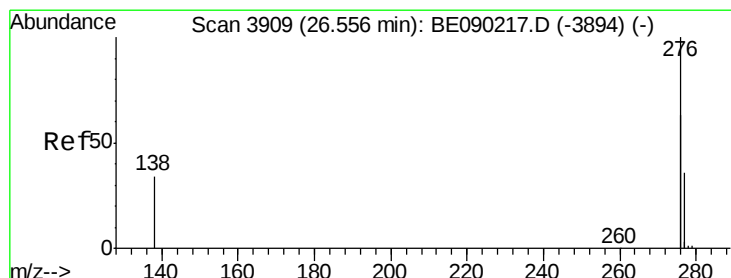
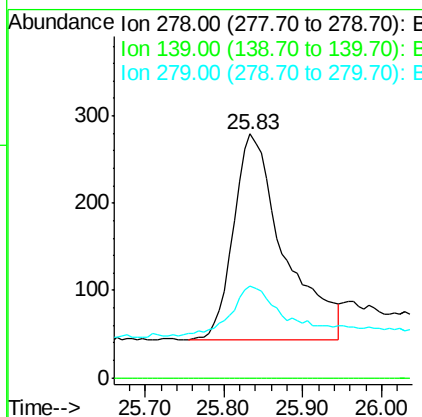
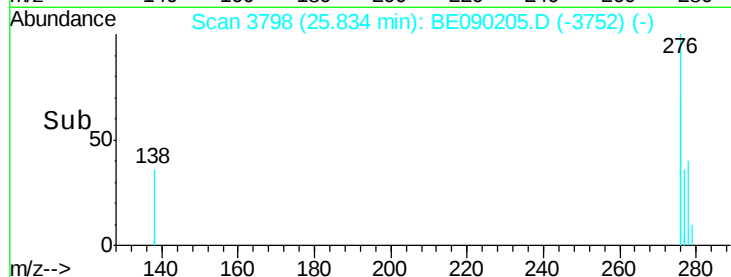
SSTD0.420



Tgt Ion:	278	Resp:	1024
Ion Ratio	Lower	Upper	
278	100		
139	0.0	0.0	0.0
279	37.6	30.1	45.1

Manual Integrations
APPROVED

apatel
7/22/2015 3:02:27 PM



#26

Benzo(g,h,i)perylene

Concen: 0.25 ng/ul

RT: 26.56 min Scan# 3909

Delta R.T. 0.00 min

Lab File: BE090205.D

Acq: 21 Jul 2015 18:31

Tgt Ion:	276	Resp:	9320
Ion Ratio	Lower	Upper	
276	100		
277	30.7	24.6	36.8
138	29.4	23.5	35.3

