

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102715\
 Data File : BE091055.D
 Acq On : 27 Oct 2015 18:59
 Operator : UM/NP
 Sample : G4075-07RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 JG9K7RE

Manual Integrations
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 10/28/2015 6:36:51 PM

Quant Time: Oct 28 09:23:22 2015
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM02.2-EPA-SIM-BE102715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 28 03:57:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	6604	0.40	ng/ul	-0.02
4) Naphthalene-d8	9.57	136	34465	0.40	ng/ul	-0.02
8) Acenaphthene-d10	13.41	164	20685	0.40	ng/ul	0.00
12) Phenanthrene-d10	16.14	188	44277m	0.40	ng/ul	0.00
18) Chrysene-d12	20.30	240	43256	0.40	ng/ul	0.01
22) Perylene-d12	22.20	264	38908m	0.40	ng/ul	0.01
System Monitoring Compounds						
2) 1,4-Dioxane-d8	2.91	96	23369	4.92	ng/uL	-0.07
6) 2-Methylnaphthalene-d10	11.07	152	9830	0.21	ng/ul	-0.01
16) Fluoranthene-d10	18.13	212	24285	0.19	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	9.61	128	2131	0.03	ng/ul#	71
7) 2-Methylnaphthalene	11.14	142	1244	0.02	ng/ul	87
9) Acenaphthylene	13.15	152	5197	0.05	ng/ul#	89
11) Fluorene	14.45	166	1778	0.02	ng/ul#	96
13) Pentachlorophenol	15.89	266	808	0.19	ng/ul	95
14) Phenanthrene	16.17	178	228387	0.45	ng/ul	100
15) Anthracene	16.26	178	43132m	0.09	ng/ul	
17) Fluoranthene	18.16	202	599079	1.00	ng/ul	88
19) Pyrene	18.54	202	510734	1.04	ng/ul#	78
20) Benzo(a)anthracene	20.27	228	20326	0.18	ng/ul#	72
21) Chrysene	20.32	228	84029	0.66	ng/ul#	95
23) Benzo(b)fluoranthene	21.64	252	102445	0.84	ng/ul	82
24) Benzo(k)fluoranthene	21.67	252	70009m	0.56	ng/ul	
25) Benzo(a)pyrene	22.05	252	80905	0.72	ng/ul#	67
26) Indeno(1,2,3-cd)pyrene	23.86	276	190527m	0.40	ng/ul	
28) Benzo(a,h,i)perylene	24.43	276	266467m	0.54	ng/ul	

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

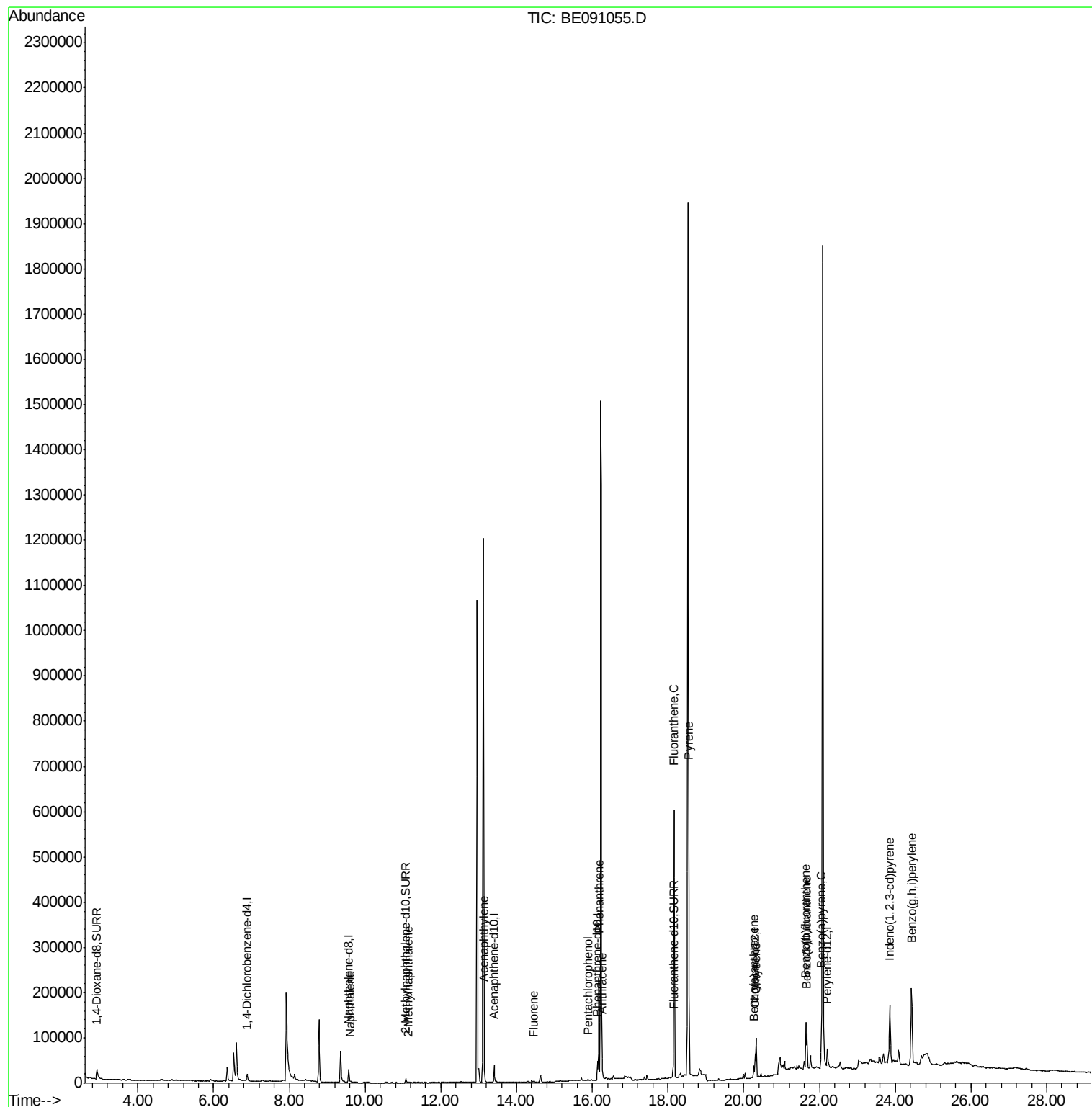
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102715\
Data File : BE091055.D
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Misc :
ALS Vial : 6 Sample Multiplier: 1

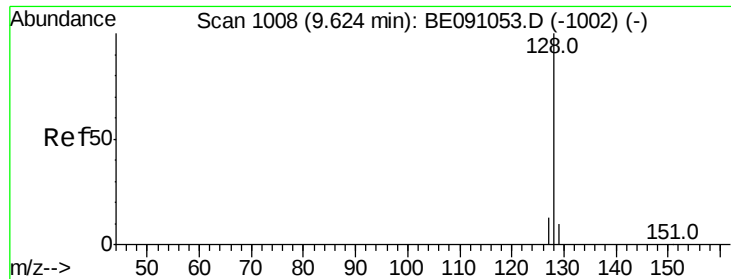
Instrument :
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Quant Time: Oct 28 09:23:22 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM02.2-EPA-SIM-BE102715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 28 03:57:22 2015
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.03 ng/ul

RT: 9.61 min Scan# 1006

Delta R.T. -0.02 min

Lab File: BE091055.D

Acq: 27 Oct 2015 18:59

Instrument :

BNA_E

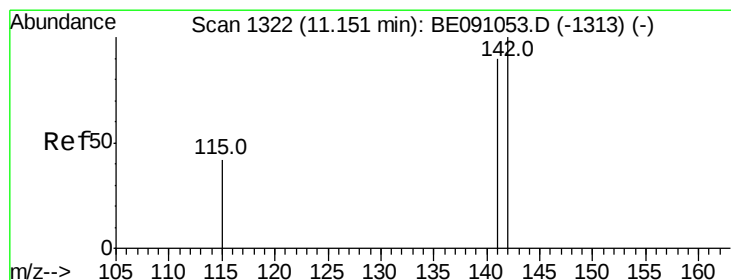
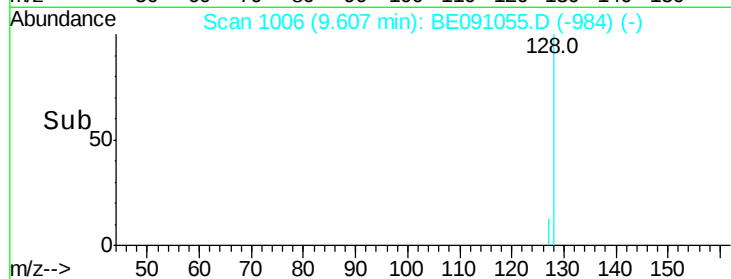
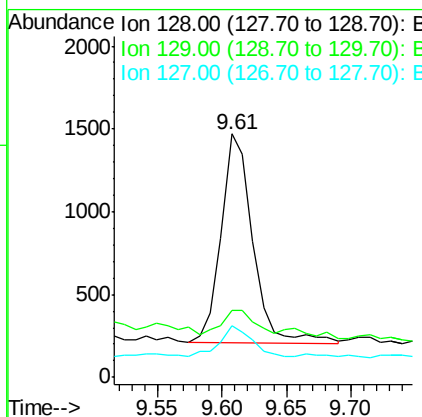
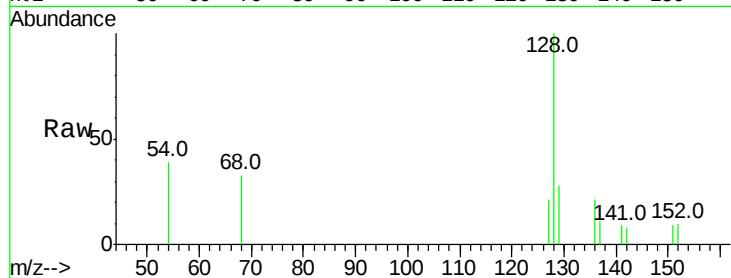
ClientSampleId :

JG9K7RE

Tot Ion	Ratio	Lower	Upper
128	100		
129	27.6	9.8	14.8#
127	21.0	10.7	16.1#

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#7

2-Methylnaphthalene

Concen: 0.02 ng/ul

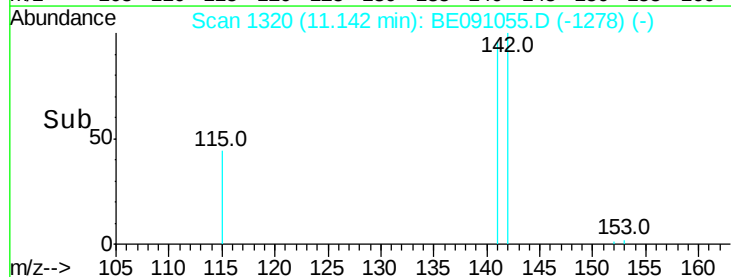
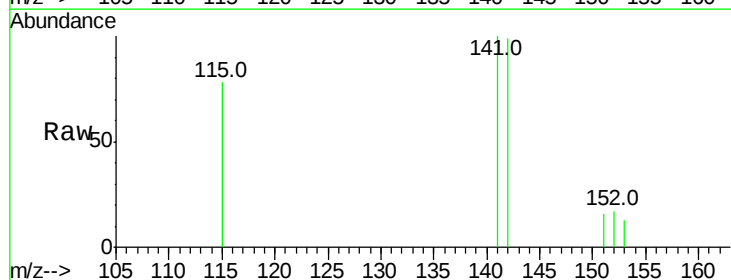
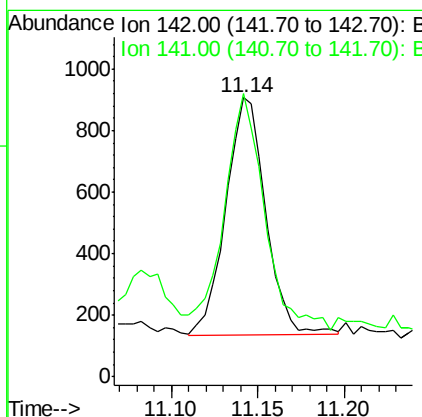
RT: 11.14 min Scan# 1320

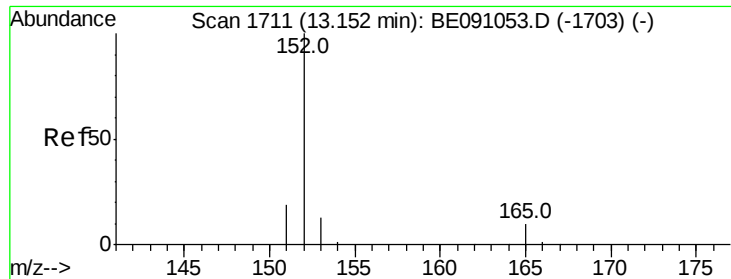
Delta R.T. -0.01 min

Lab File: BE091055.D

Acq: 27 Oct 2015 18:59

Tgt Ion	Ratio	Lower	Upper
142	100		
141	100.0	70.3	105.5





#9

Acenaphthylene

Concen: 0.05 ng/ul

RT: 13.15 min Scan# 1711

Delta R.T. -0.00 min

Lab File: BE091055.D

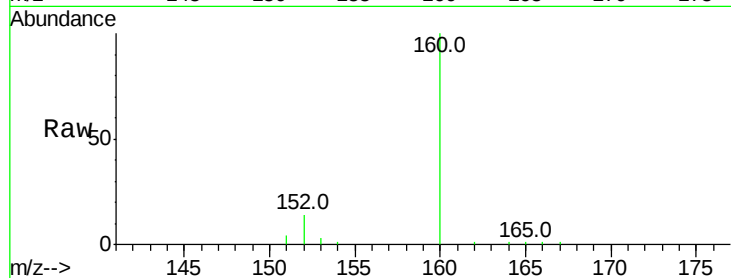
Acq: 27 Oct 2015 18:59

Instrument :

BNA_E

ClientSampleId :

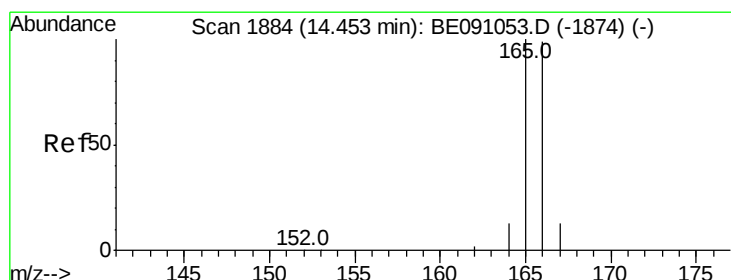
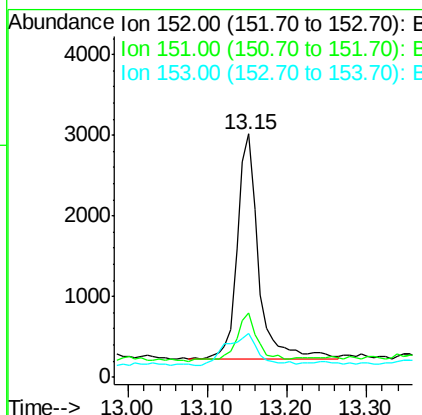
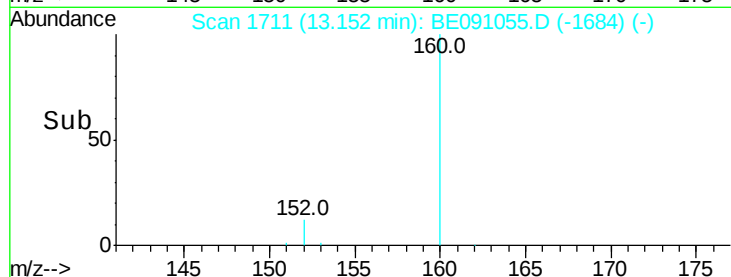
JG9K7RE



Tot Ion:	152	Resp:	5197
Ion Ratio	Lower	Upper	
152	100		
151	26.7	16.8	25.2#
153	18.3	11.3	16.9#

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#11

Fluorene

Concen: 0.02 ng/ul

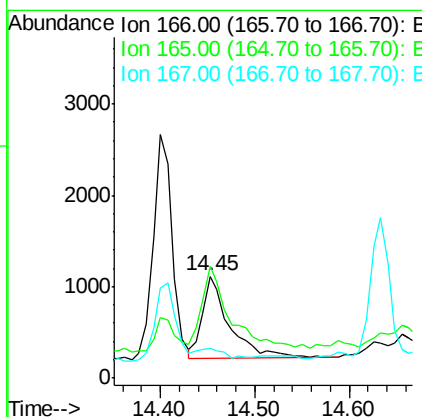
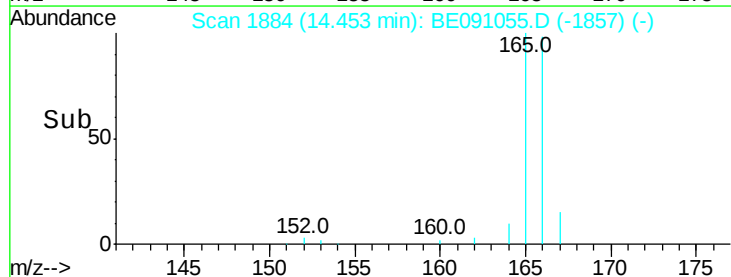
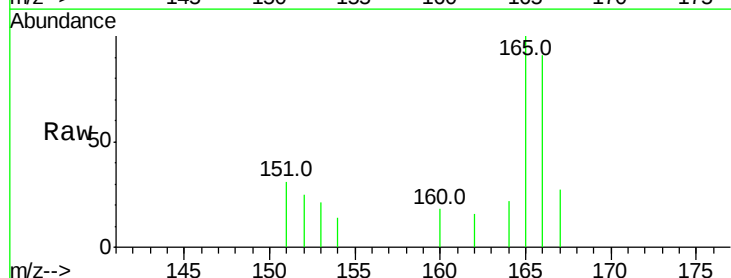
RT: 14.45 min Scan# 1884

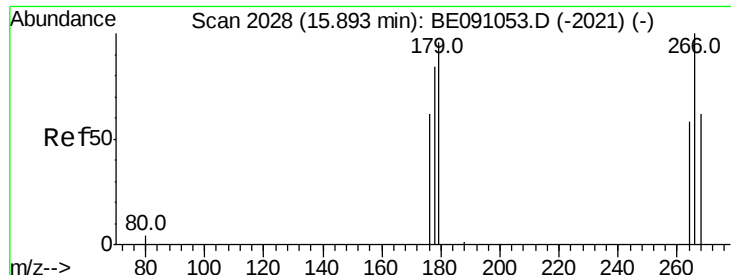
Delta R.T. -0.00 min

Lab File: BE091055.D

Acq: 27 Oct 2015 18:59

Tgt Ion:	166	Resp:	1778
Ion Ratio	Lower	Upper	
166	100		
165	109.6	87.6	131.4
167	29.5	11.1	16.7#





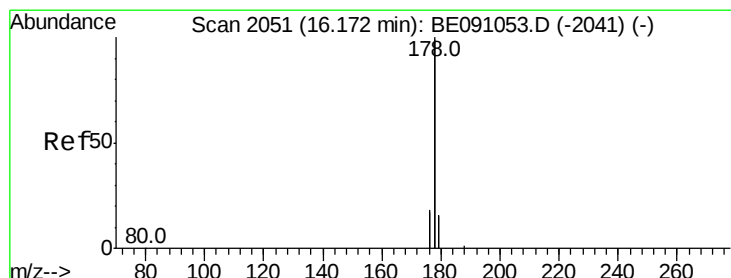
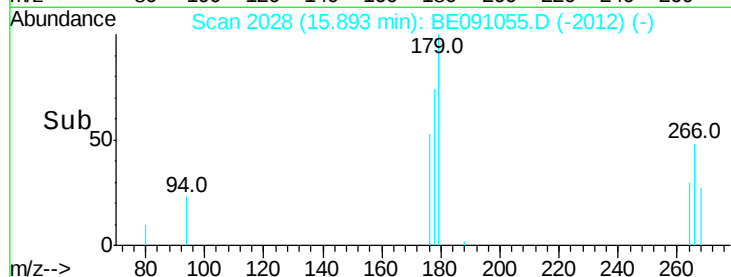
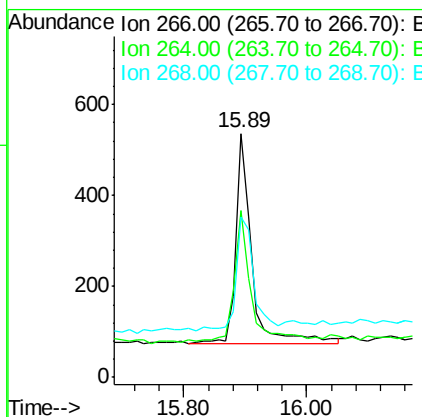
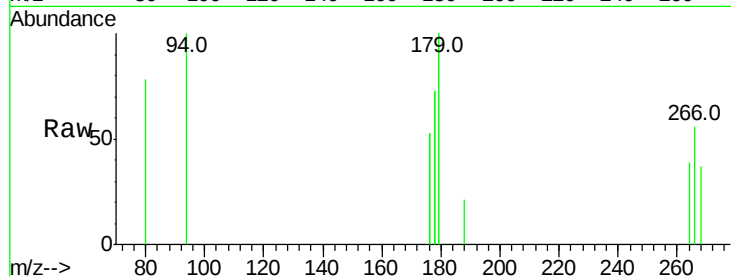
#13
 Pentachlorophenol
 Concen: 0.19 ng/ul
 RT: 15.89 min Scan# 2028
 Delta R.T. -0.00 min
 Lab File: BE091055.D
 Acq: 27 Oct 2015 18:59

Instrument :
 BNA_E
 ClientSampleId :
 JG9K7RE

Tot Ion	Ratio	Lower	Upper
266	100		
264	65.8	53.5	80.3
268	60.3	54.2	81.2

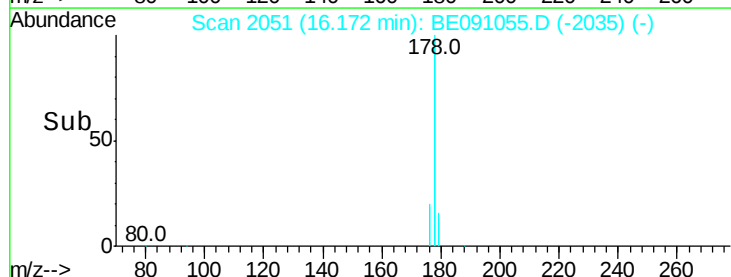
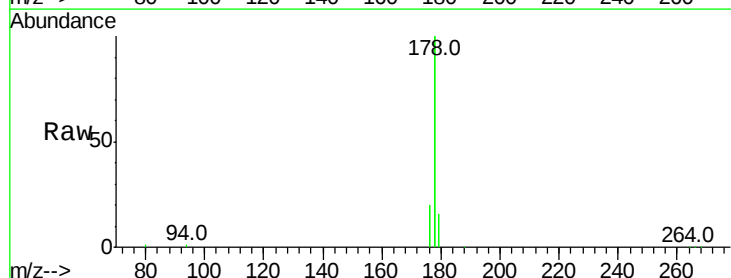
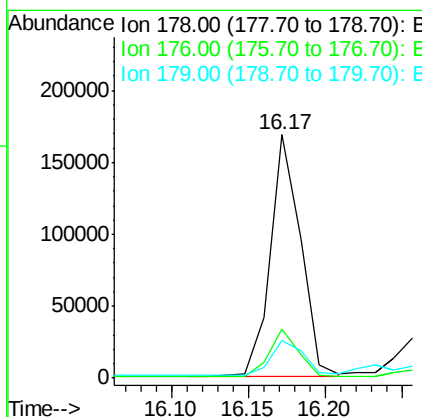
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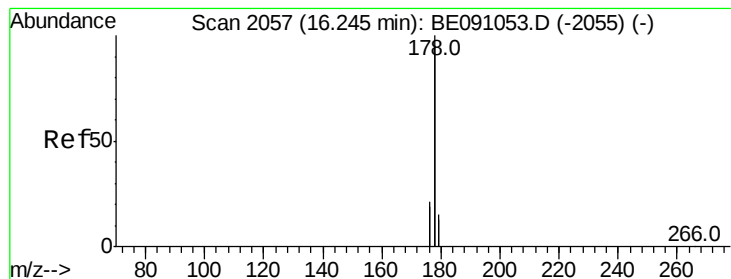
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#14
 Phenanthrene
 Concen: 0.45 ng/ul
 RT: 16.17 min Scan# 2051
 Delta R.T. -0.00 min
 Lab File: BE091055.D
 Acq: 27 Oct 2015 18:59

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.2	24.4
179	15.7	12.8	19.2





#15

Anthracene

Concen: 0.09 ng/ul m

RT: 16.26 min Scan# 2058

Delta R.T. 0.01 min

Lab File: BE091055.D

Acq: 27 Oct 2015 18:59

Instrument :

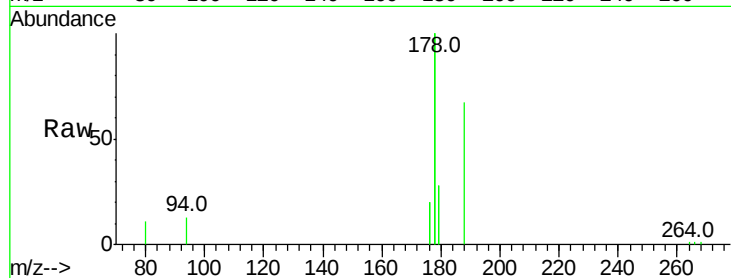
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ClientSampleId :

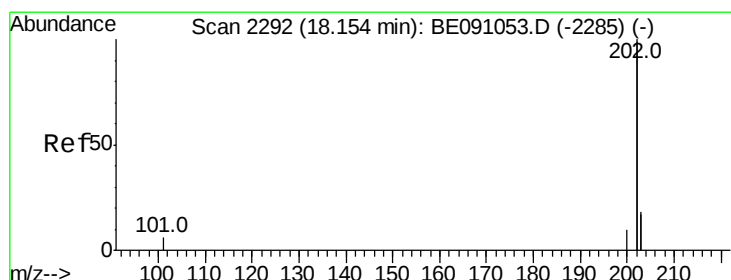
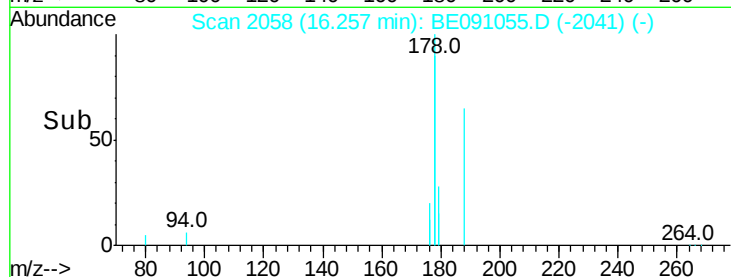
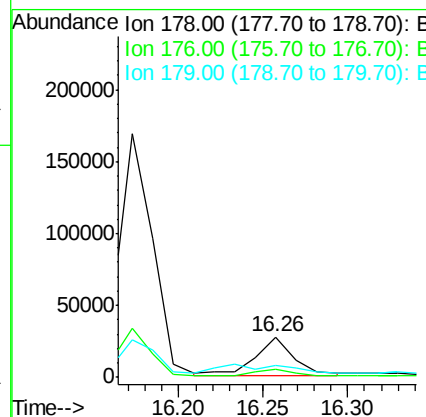
JG9K7RE

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Tot Ion:	178	Resp:	43132
Ion Ratio	Lower	Upper	
178	100		
176	20.0	15.8	23.8
179	28.1	13.3	19.9#



#17

Fluoranthene

Concen: 1.00 ng/ul

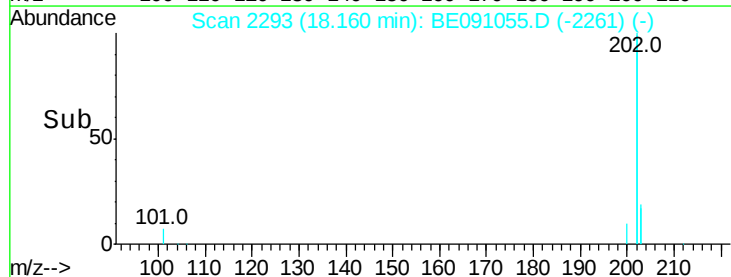
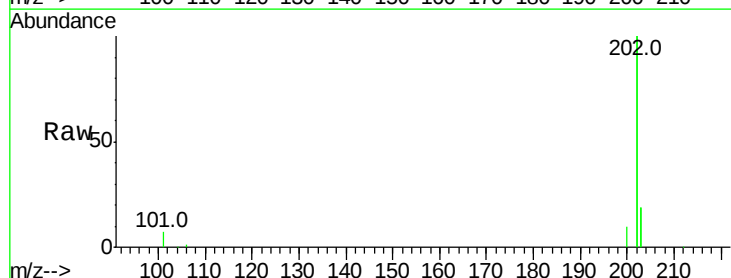
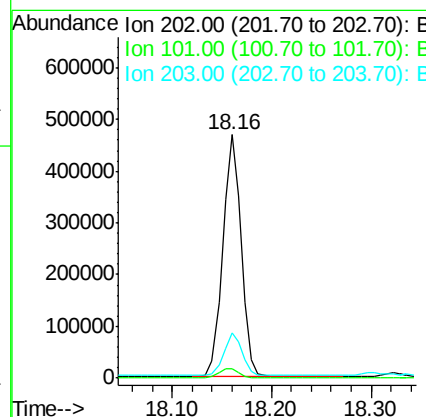
RT: 18.16 min Scan# 2293

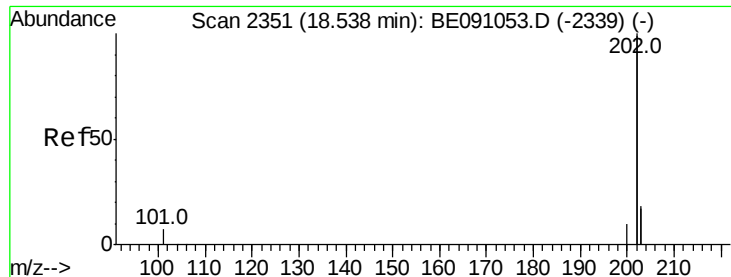
Delta R.T. 0.01 min

Lab File: BE091055.D

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Tgt Ion:	202	Resp:	599079
Ion Ratio	Lower	Upper	
202	100		
101	3.6	0.0	33.1
203	18.6	0.0	37.2





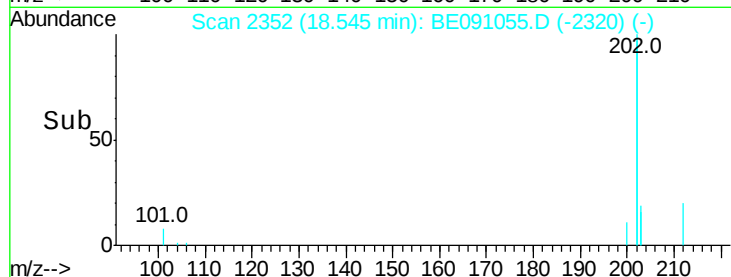
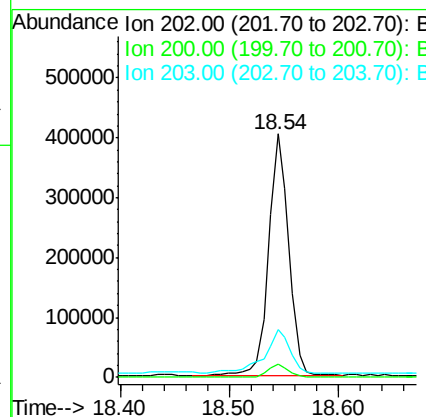
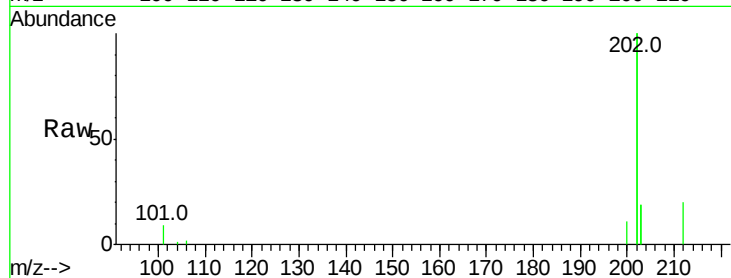
#19
Pvrene
Concen: 1.04 ng/ul
RT: 18.54 min Scan# 2352
Delta R.T. 0.01 min
Lab File: BE091055.D
Acq: 27 Oct 2015 18:59

Instrument :
BNA_E
ClientSampleId :
JG9K7RE

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	5.5	18.0	27.0#
203	19.4	13.8	20.6

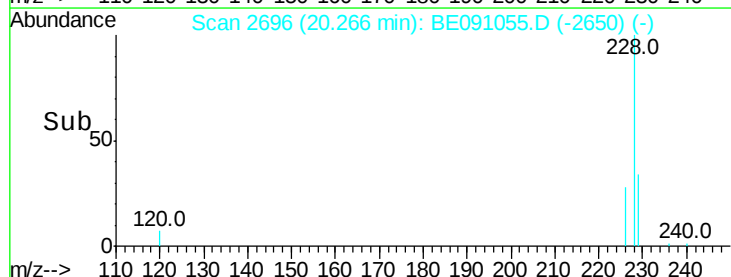
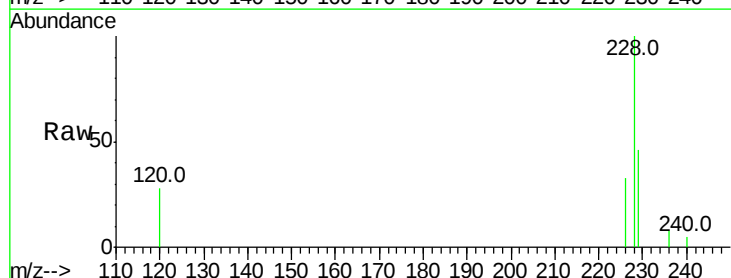
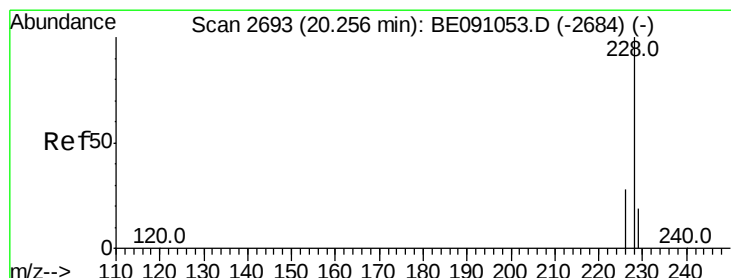
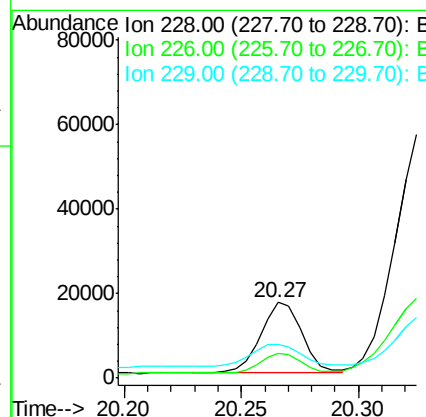
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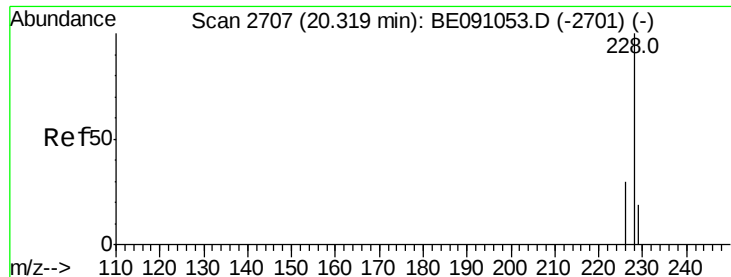
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#20
Benzo(a)anthracene
Concen: 0.18 ng/ul
RT: 20.27 min Scan# 2696
Delta R.T. 0.01 min
Lab File: BE091055.D
Acq: 27 Oct 2015 18:59

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	33.1	23.0	34.4
229	45.5	15.2	22.8#





#21

Chrysene

Concen: 0.66 ng/uL

RT: 20.32 min Scan# 2709

Delta R.T. 0.01 min

Lab File: BE091055.D

Acq: 27 Oct 2015 18:59

Instrument :

BNA_E

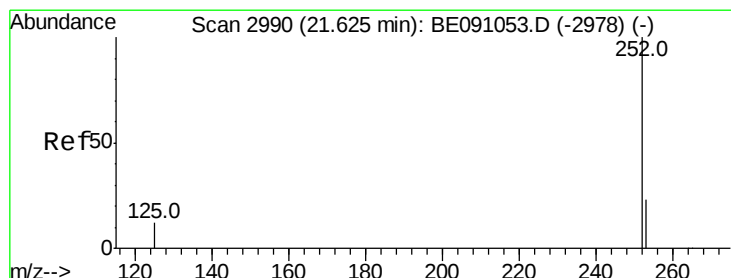
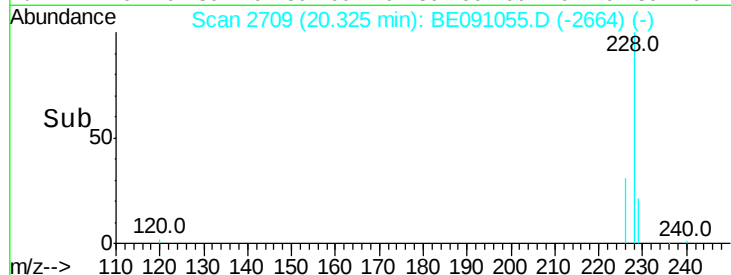
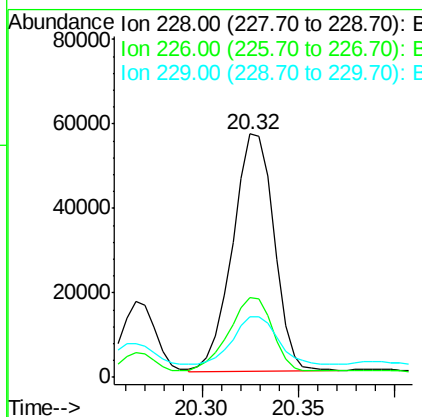
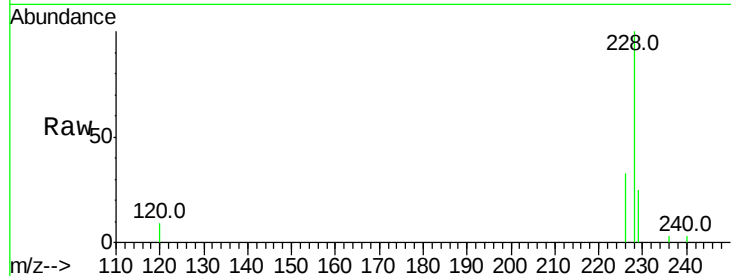
ClientSampleId :

JG9K7RE

Tot Ion:	228	Resp:	84029
Ion Ratio	Lower	Upper	
228	100		
226	32.7	25.7	38.5
229	24.8	15.2	22.8#

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#23

Benzo(b)fluoranthene

Concen: 0.84 ng/uL

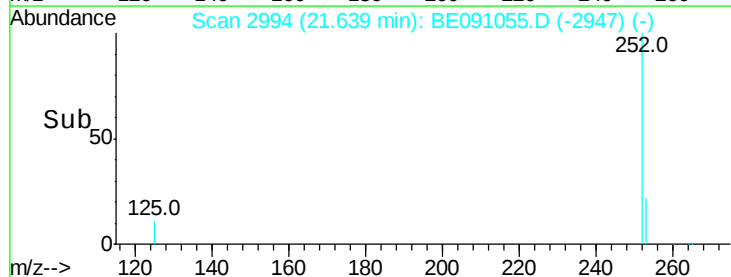
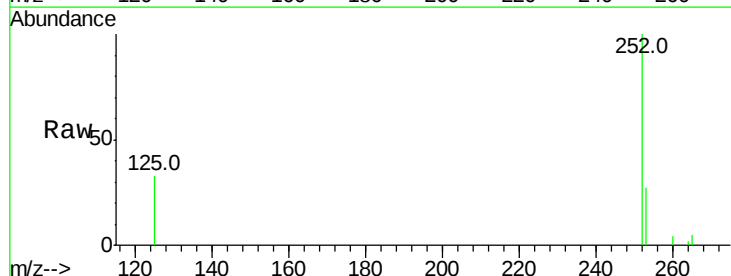
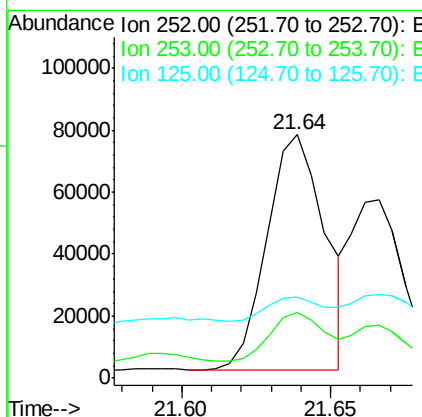
RT: 21.64 min Scan# 2994

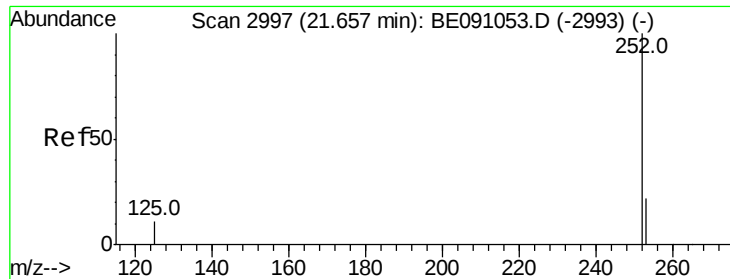
Delta R.T. 0.01 min

Lab File: BE091055.D

Acq: 27 Oct 2015 18:59

Tgt Ion:	252	Resp:	102445
Ion Ratio	Lower	Upper	
252	100		
253	27.2	0.0	48.0
125	33.2	0.0	36.6





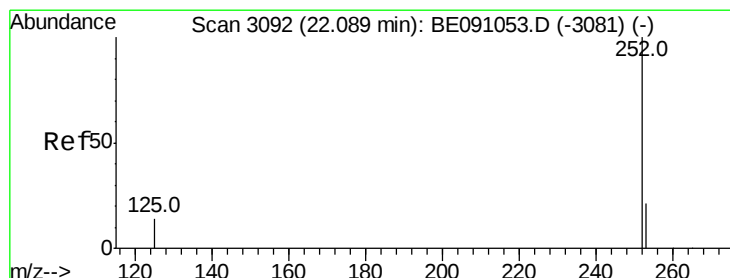
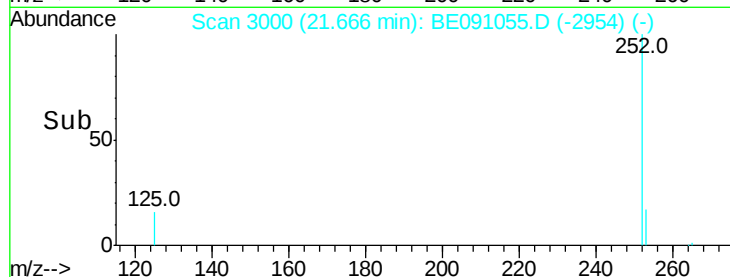
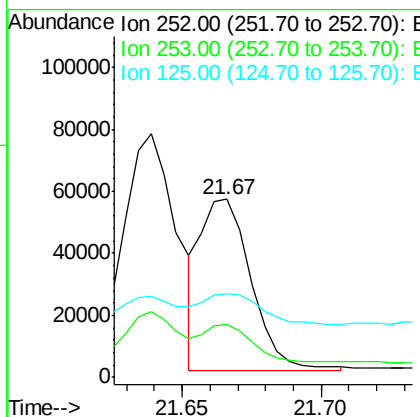
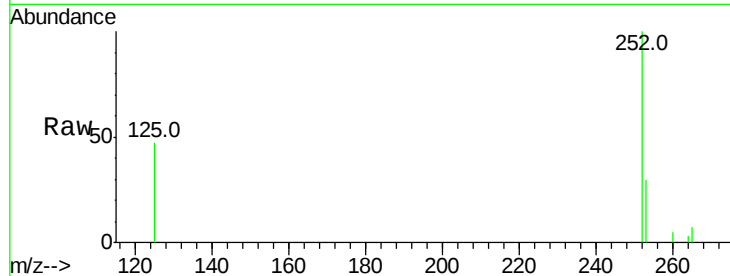
#24
Benzo(k)fluoranthene
Concen: 0.56 ng/ul m
RT: 21.67 min Scan# 3000
Delta R.T. 0.01 min
Lab File: BE091055.D
Acq: 27 Oct 2015 18:59

Instrument :
BNA_E
ClientSampleId :
JG9K7RE

Tot Ion	Ratio	Lower	Upper
252	100		
253	29.7	20.8	31.2
125	46.7	12.2	18.4

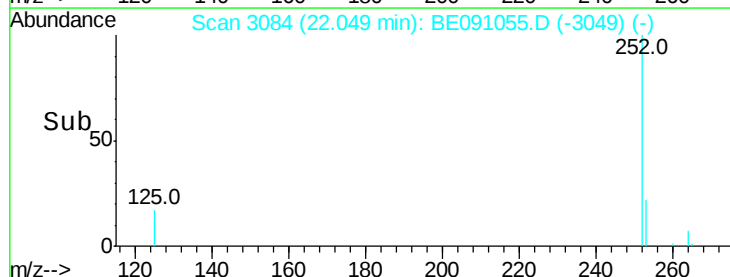
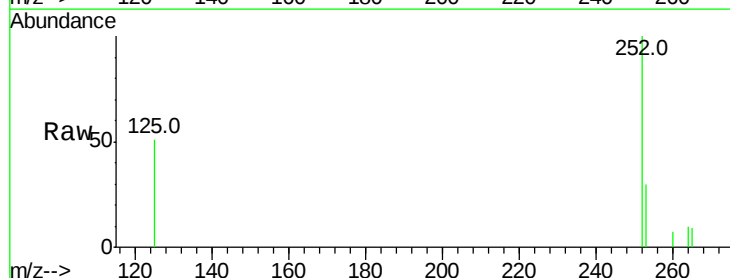
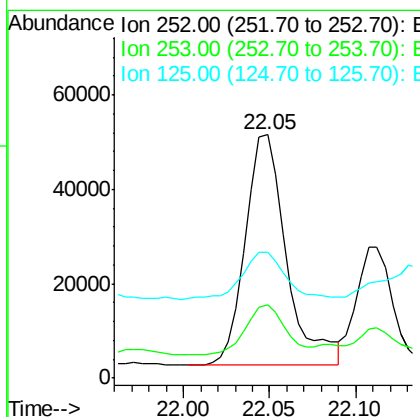
Manual Integrations
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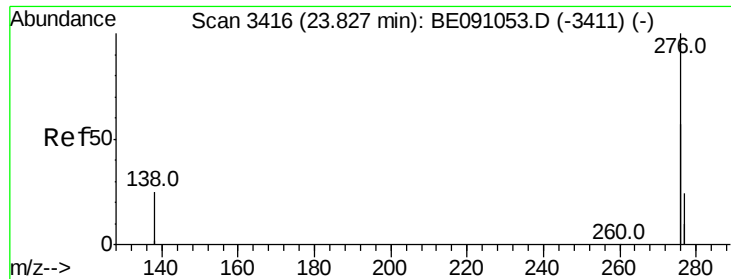
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#25
Benzo(a)pyrene
Concen: 0.72 ng/ul
RT: 22.05 min Scan# 3084
Delta R.T. -0.04 min
Lab File: BE091055.D
Acq: 27 Oct 2015 18:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	30.1	21.8	32.8
125	51.4	14.5	21.7





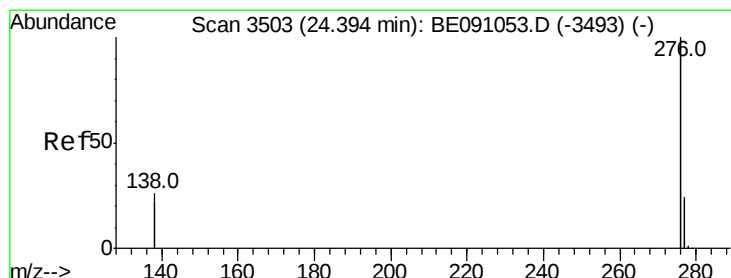
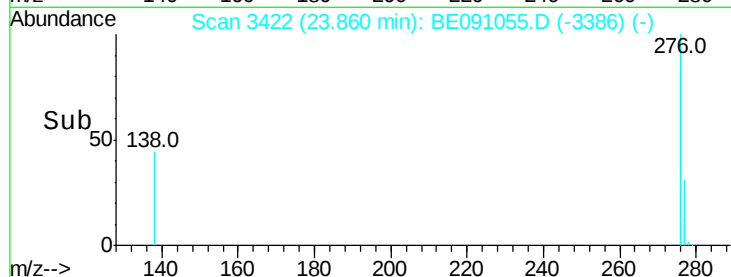
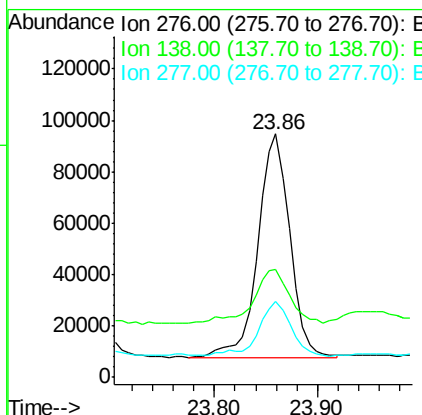
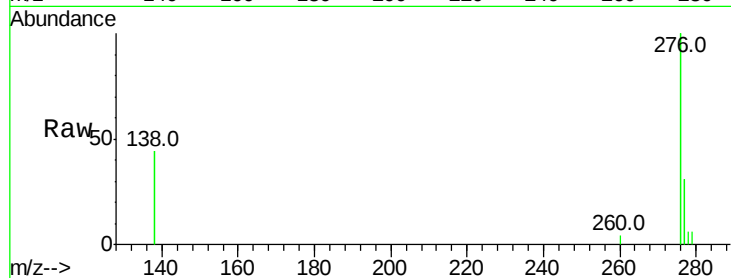
#26
 Indeno(1,2,3-cd)pyrene
 Concen: 0.40 ng/ul m
 RT: 23.86 min Scan# 3422
 Delta R.T. 0.03 min
 Lab File: BE091055.D
 Acq: 27 Oct 2015 18:59

Instrument :
 BNA_E
 ClientSampleId :
 JG9K7RE

Tot Ion	Ratio	Resp	Lower	Upper
276	100	190527		
138	5.2	27.5	41.3#	
277	4.4	19.3	28.9#	

Manual Integrations
 APPROVED

MmDadoda
 10/28/2015 6:36:51 PM



#28
 Benzo(g,h,i)perylene
 Concen: 0.54 ng/ul m
 RT: 24.43 min Scan# 3509
 Delta R.T. 0.03 min
 Lab File: BE091055.D
 Acq: 27 Oct 2015 18:59

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	266467		
277	29.7	21.3	31.9	
138	48.1	25.5	38.3#	

