

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE110615\
 Data File : BE091093.D
 Acq On : 6 Nov 2015 16:36
 Operator : UM/NP
 Sample : G4273-13DL 5X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AP9DL

Manual Integrations
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Quant Time: Nov 09 14:00:50 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 : Mon Nov 09 05:49:45 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	3106	0.40	ng/ul	0.00
4) Naphthalene-d8	9.57	136	16924	0.40	ng/ul	0.00
8) Acenaphthene-d10	13.41	164	9486	0.40	ng/ul	0.00
12) Phenanthrene-d10	16.14	188	22804	0.40	ng/ul	0.00
18) Chrysene-d12	20.29	240	24492	0.40	ng/ul	0.00
22) Perylene-d12	22.19	264	26146	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	2.99	96	2086	0.93	ng/uL	0.04
6) 2-Methylnaphthalene-d10	11.08	152	824	0.04	ng/ul	0.00
16) Fluoranthene-d10	18.13	212	2248	0.03	ng/ul	0.00
Target Compounds				Qvalue		
14) Phenanthrene	16.17	178	63450	0.24	ng/ul	97
15) Anthracene	16.25	178	25510	0.11	ng/ul	98
17) Fluoranthene	18.15	202	171531	0.56	ng/ul	89
19) Pyrene	18.54	202	144647	0.52	ng/ul#	78
20) Benzo(a)anthracene	20.26	228	17897m	0.28	ng/ul	
21) Chrysene	20.32	228	17873	0.25	ng/ul	98
23) Benzo(b)fluoranthene	21.63	252	12668	0.16	ng/ul	96
24) Benzo(k)fluoranthene	21.65	252	14233	0.17	ng/ul	98
25) Benzo(a)pyrene	22.09	252	14962	0.20	ng/ul	96
26) Indeno(1,2,3-cd)pyrene	23.83	276	32533m	0.10	ng/ul	
28) Benzo(g,h,i)perylene	24.40	276	28817	0.09	ng/ul	98

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

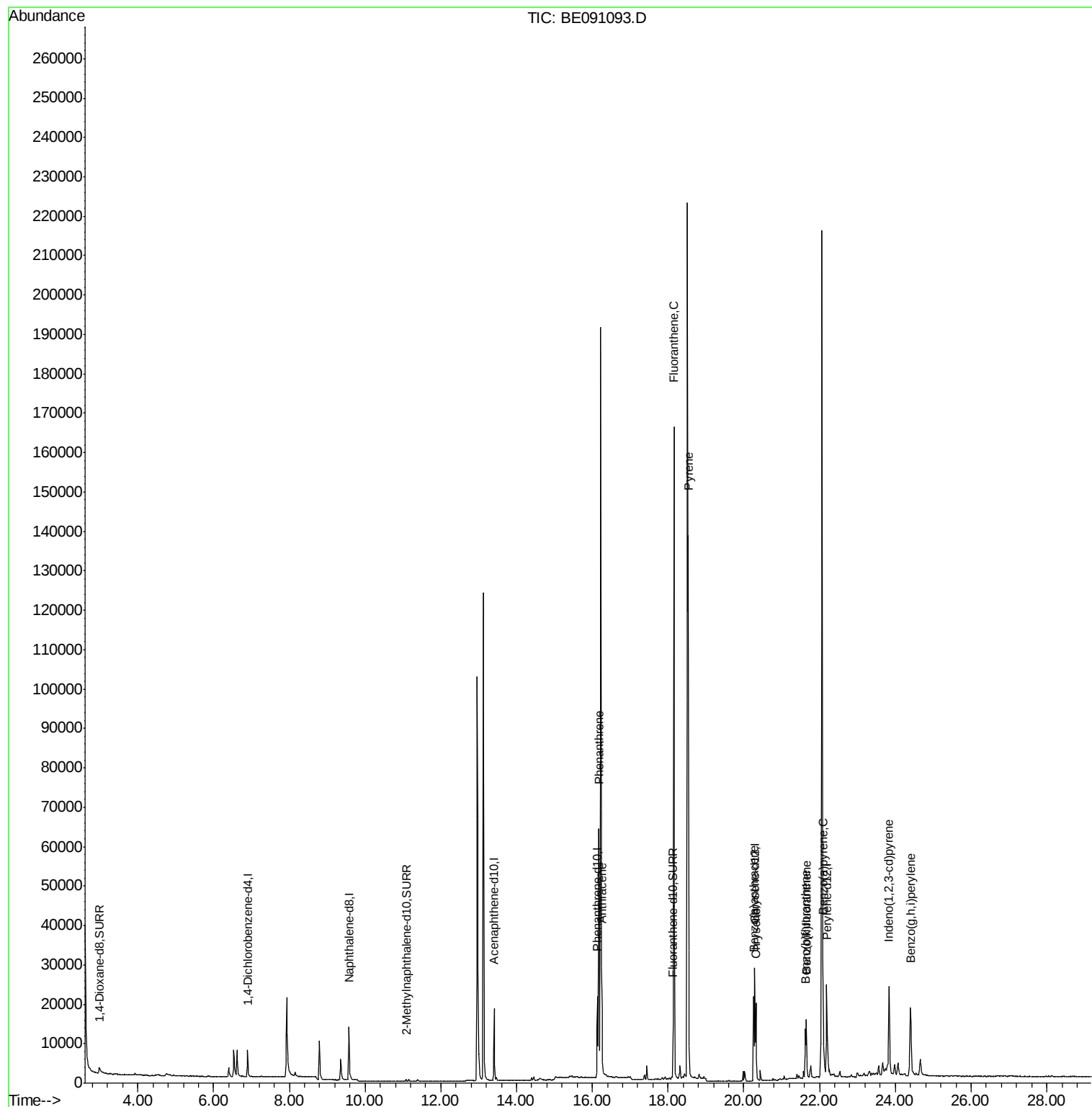
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE110615\
Data File : BE091093.D
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ALS Vial : 29 Sample Multiplier: 1

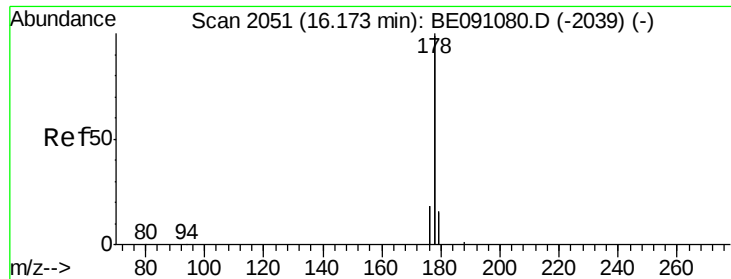
Instrument :
BNA_E
ClientSampleId :
C0AP9DL

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Quant Time: Nov 09 14:00:50 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 : Mon Nov 09 05:49:45 2015
Response via : Initial Calibration





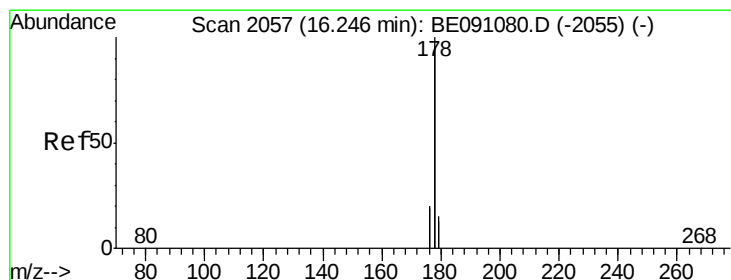
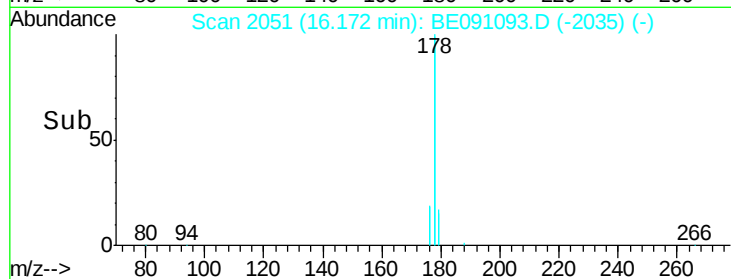
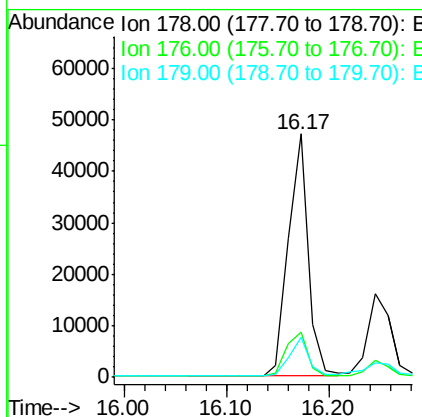
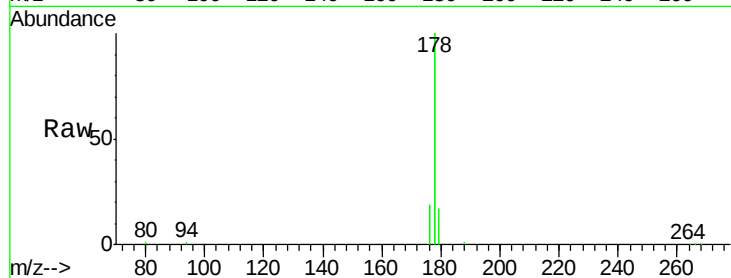
#14
Phenanthrene
Concen: 0.24 ng/ul
RT: 16.17 min Scan# 2051
Delta R.T. -0.00 min
Lab File: BE091093.D
Acq: 6 Nov 2015 16:36

Instrument :
BNA_E
ClientSampleId :
C0AP9DL

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	16.2	24.4
179	16.7	12.8	19.2

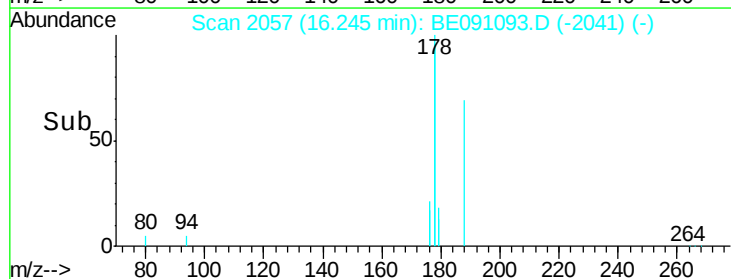
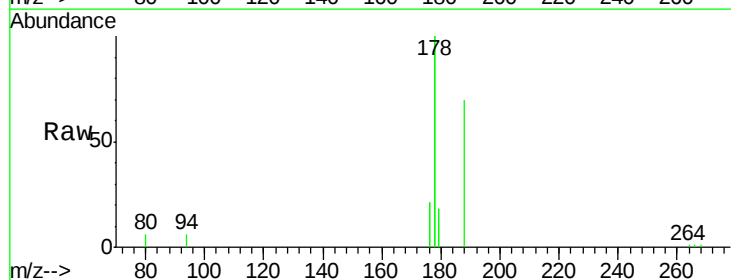
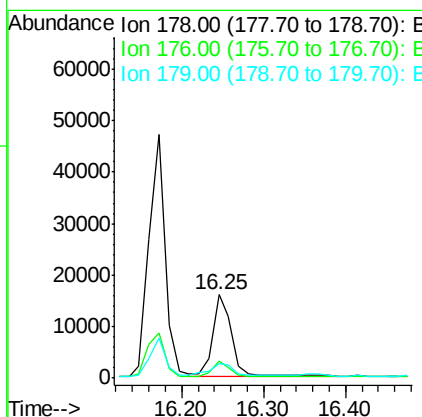
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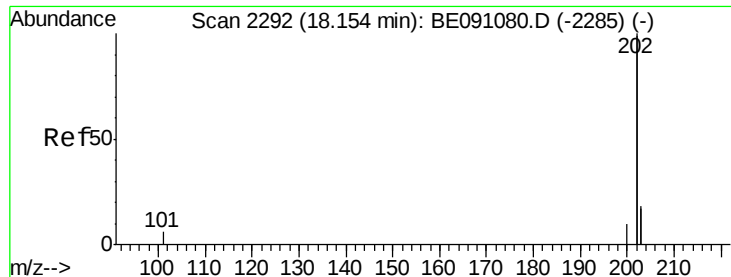
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#15
Anthracene
Concen: 0.11 ng/ul
RT: 16.25 min Scan# 2057
Delta R.T. -0.00 min
Lab File: BE091093.D
Acq: 6 Nov 2015 16:36

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.8	23.8
179	17.9	13.3	19.9





#17

Fluoranthene

Concen: 0.56 ng/ul

RT: 18.15 min Scan# 2292

Delta R.T. -0.00 min

Lab File: BE091093.D

Acq: 6 Nov 2015 16:36

Instrument :

BNA_E

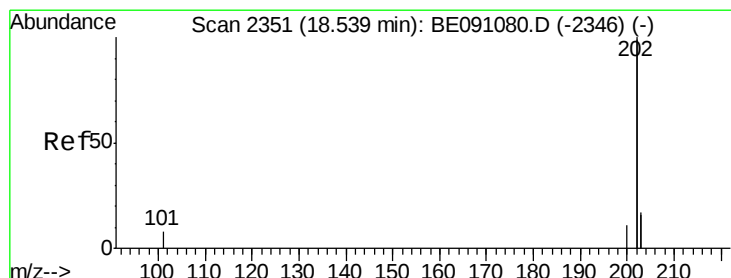
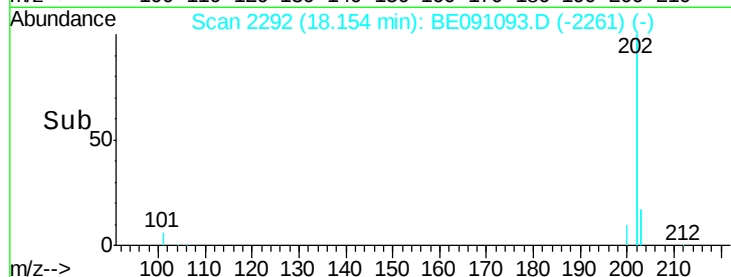
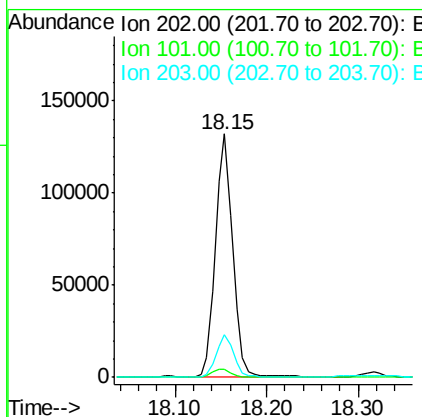
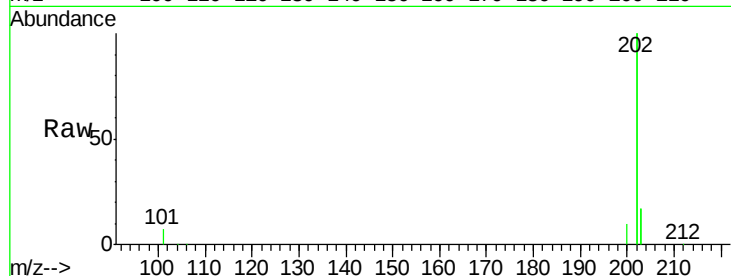
ClientSampleId :

C0AP9DL

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Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		171531		
101	3.3	0.0	33.1		
203	17.5	0.0	37.2		



#19

Pyrene

Concen: 0.52 ng/ul

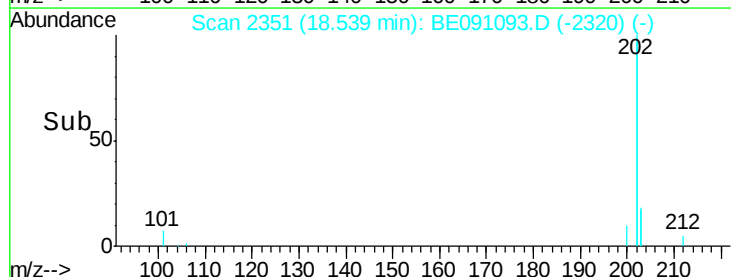
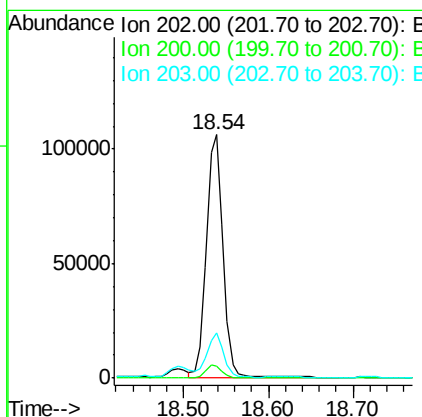
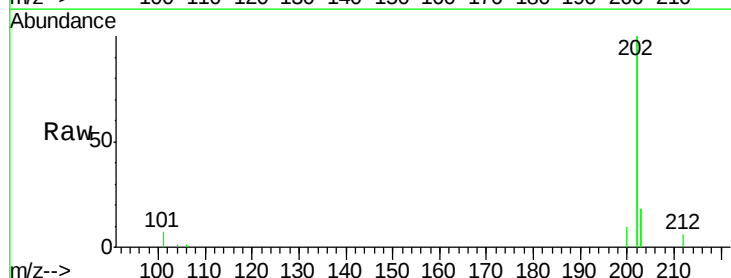
RT: 18.54 min Scan# 2351

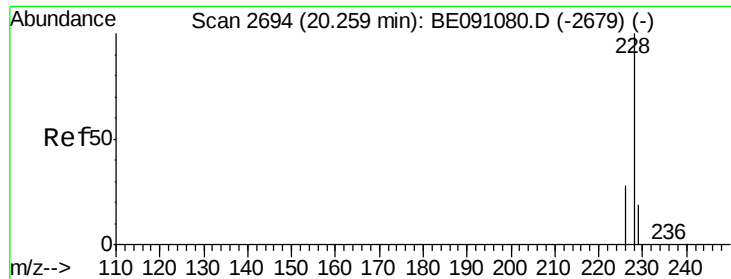
Delta R.T. -0.00 min

Lab File: BE091093.D

Acq: 6 Nov 2015 16:36

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		144647		
200	5.2	18.0	27.0#		
203	18.4	13.8	20.6		





#20

Benzo(a)anthracene

Concen: 0.28 ng/ul m

RT: 20.26 min Scan# 2694

Delta R.T. 0.00 min

Lab File: BE091093.D

Acq: 6 Nov 2015 16:36

Instrument :

BNA_E

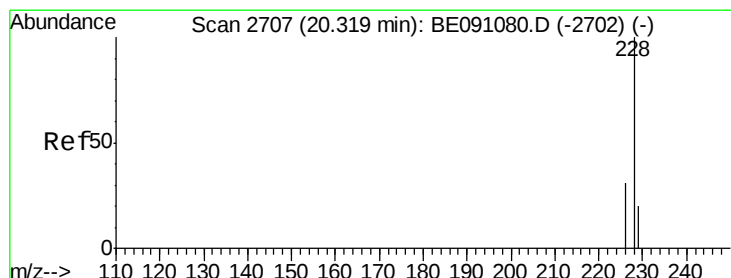
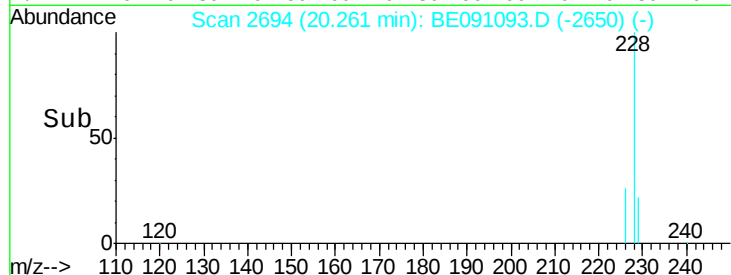
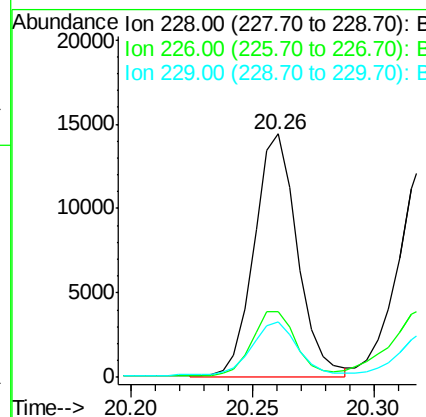
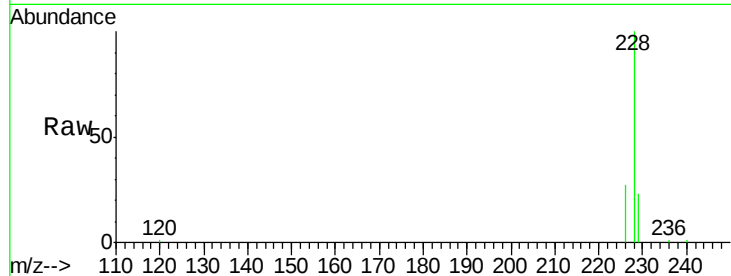
ClientSampleId :

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Tgt Ion:	228	Resp:	17897
Ion Ratio	Lower	Upper	
228	100		
226	27.0	23.0	34.4
229	22.9	15.2	22.8#

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#21

Chrysene

Concen: 0.25 ng/ul

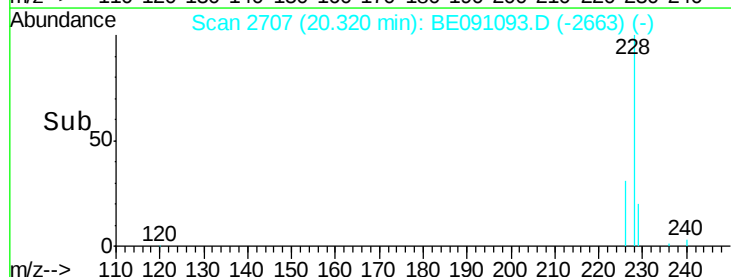
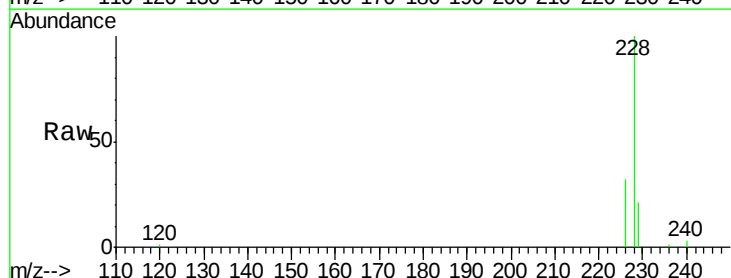
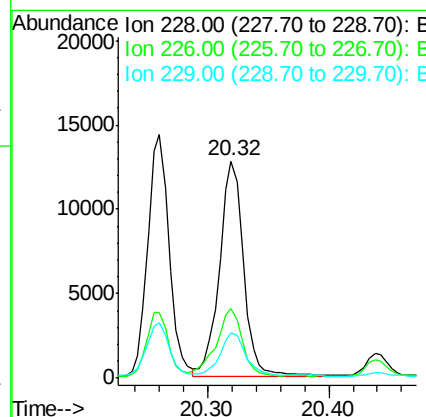
RT: 20.32 min Scan# 2707

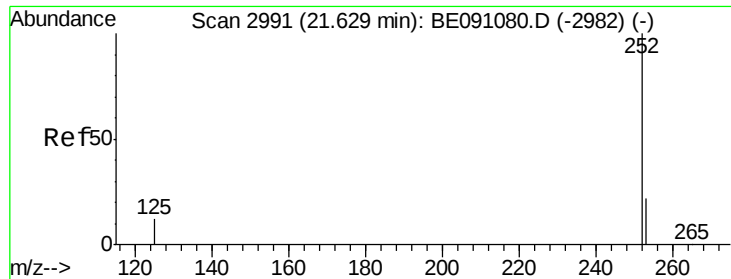
Delta R.T. 0.00 min

Lab File: BE091093.D

Acq: 6 Nov 2015 16:36

Tgt Ion:	228	Resp:	17873
Ion Ratio	Lower	Upper	
228	100		
226	31.8	25.7	38.5
229	20.9	15.2	22.8





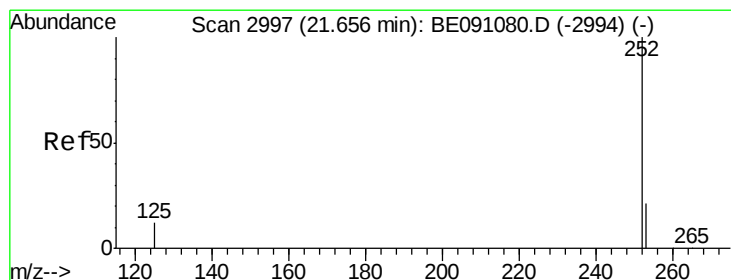
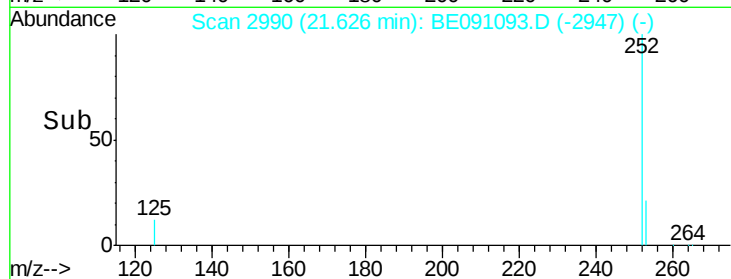
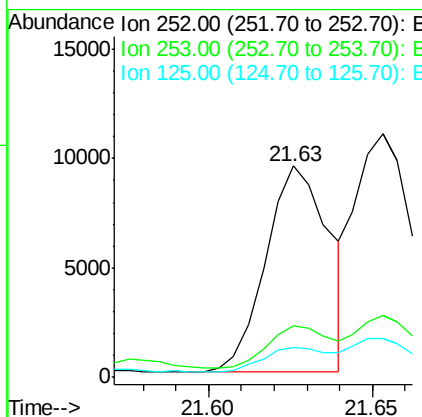
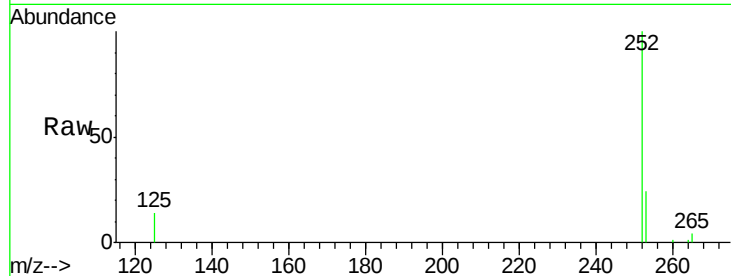
#23
Benzo(b)fluoranthene
Concen: 0.16 ng/u1
RT: 21.63 min Scan# 2990
Delta R.T. -0.00 min
Lab File: BE091093.D
Acq: 6 Nov 2015 16:36

Instrument :
BNA_E
ClientSampleId :
C0AP9DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	24.3	0.0	48.0
125	14.4	0.0	36.6

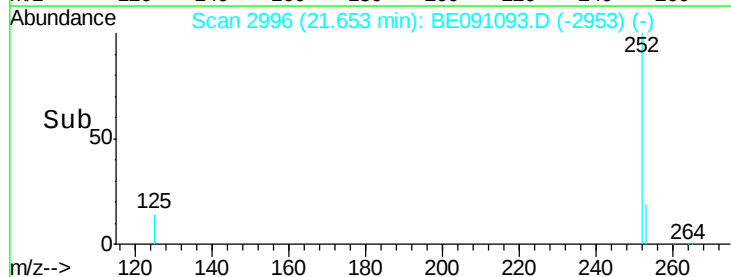
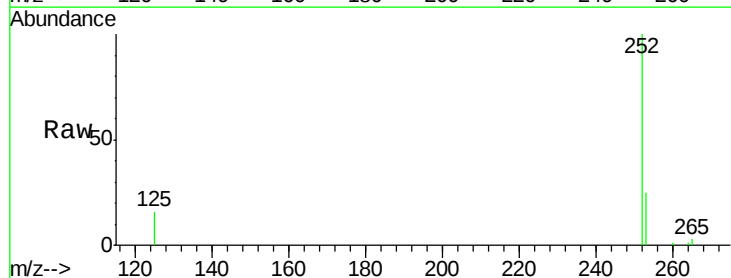
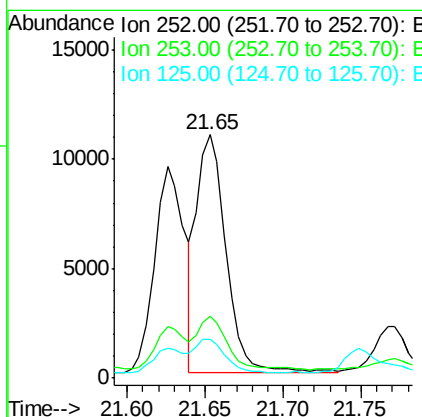
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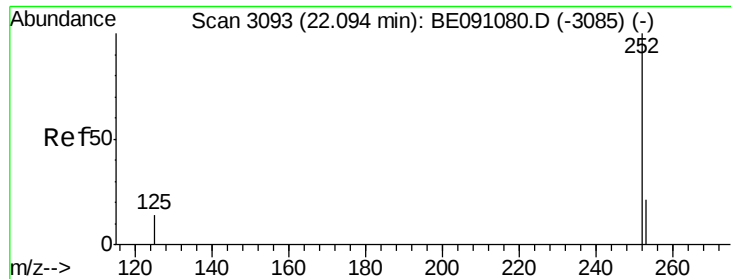
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#24
Benzo(k)fluoranthene
Concen: 0.17 ng/u1
RT: 21.65 min Scan# 2996
Delta R.T. -0.00 min
Lab File: BE091093.D
Acq: 6 Nov 2015 16:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	25.2	20.8	31.2
125	15.9	12.2	18.4





#25

Benzo(a)pyrene

Concen: 0.20 ng/ul

RT: 22.09 min Scan# 3093

Delta R.T. 0.00 min

Lab File: BE091093.D

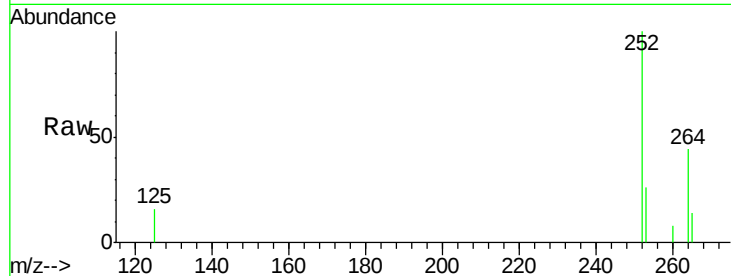
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Instrument :

BNA_E

ClientSampleId :

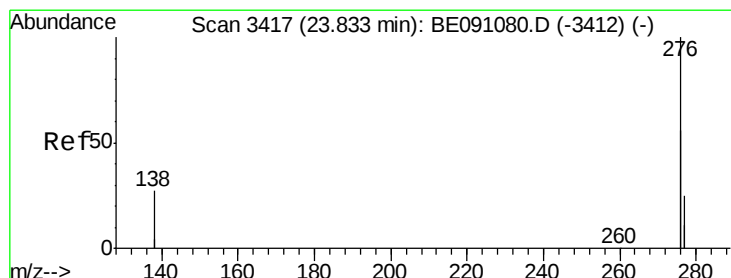
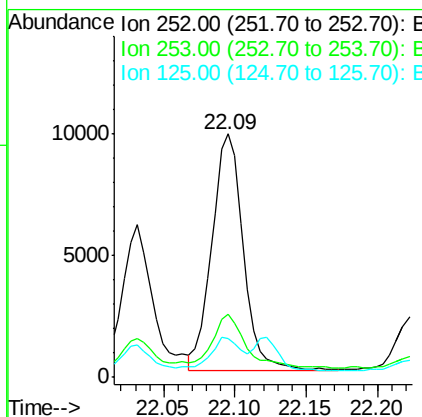
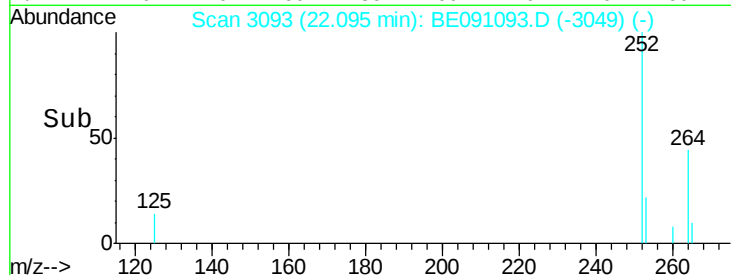
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Tgt Ion:	252	Resp:	14962
Ion Ratio	Lower	Upper	
252	100		
253	25.7	21.8	32.8
125	16.1	14.5	21.7

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#26

Indeno(1,2,3-cd)pyrene

Concen: 0.10 ng/ul m

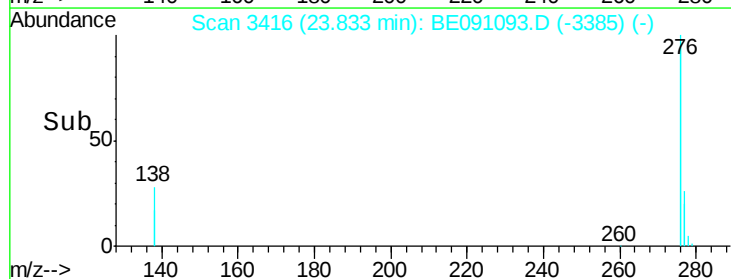
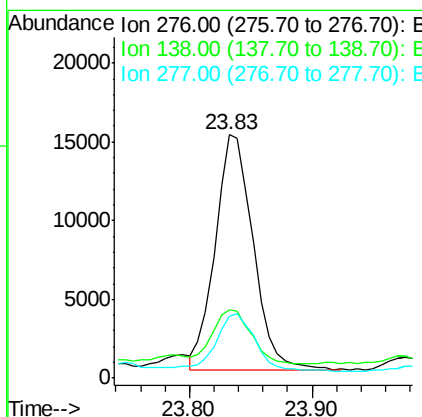
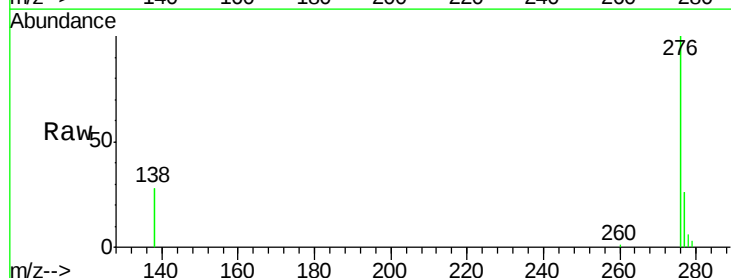
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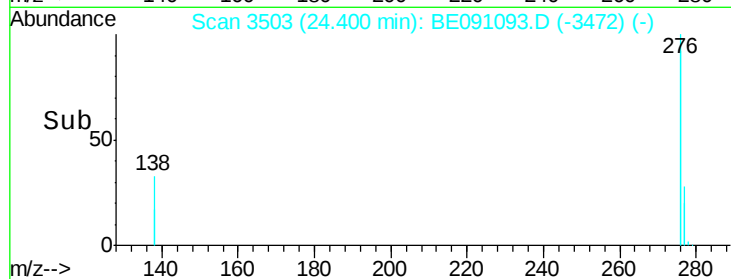
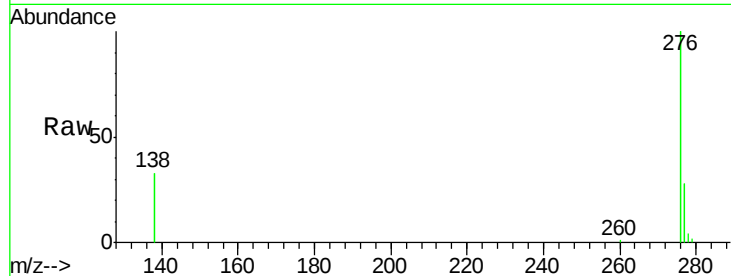
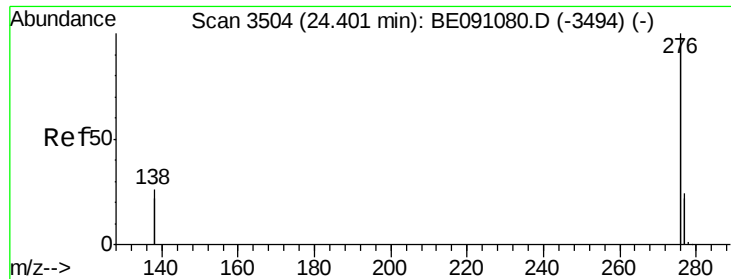
Delta R.T. -0.00 min

Lab File: BE091093.D

Acq: 6 Nov 2015 16:36

Tgt Ion:	276	Resp:	32533
Ion Ratio	Lower	Upper	
276	100		
138	23.5	27.5	41.3#
277	25.7	19.3	28.9





#28

Benzo(g,h,i)perylene

Concen: 0.09 ng/ul

RT: 24.40 min Scan# 3503

Delta R.T. -0.00 min

Lab File: BE091093.D

Acq: 6 Nov 2015 16:36

Instrument :

BNA_E

ClientSampleId :

C0AP9DL

Tgt	Ion	276	Resp:	28817
Ion	Ratio	Lower	Upper	
276	100			
277	27.6	21.3	31.9	
138	32.9	25.5	38.3	

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