

Data Path : Z:\HPCHEM1\BNA E\DATA\BE111315\
 Data File : BE091163.D
 Acq On : 14 Nov 2015 4:37
 Operator : UM/NP
 Sample : G4342-13
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 D9KT2

Manual Integrations
 APPROVED

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Quant Time: Nov 16 11:11:05 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 : Sat Nov 14 03:28:24 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	4132	0.40	ng/ul	-0.07
4) Naphthalene-d8	9.57	136	20745	0.40	ng/ul	-0.05
8) Acenaphthene-d10	13.38	164	12688	0.40	ng/ul	-0.02
12) Phenanthrene-d10	16.10	188	30922	0.40	ng/ul	-0.01
18) Chrysene-d12	20.24	240	47128	0.40	ng/ul	0.00
22) Perylene-d12	22.12	264	41372m	0.40	ng/ul	-0.02
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.06	96	18811	6.33	ng/uL	-0.09
6) 2-Methylnaphthalene-d10	11.09	152	4375	0.15	ng/ul	-0.03
16) Fluoranthene-d10	18.08	212	10267	0.12	ng/ul	-0.01
Target Compounds				Ovalue		
14) Phenanthrene	16.12	178	47835	0.13	ng/ul	98
17) Fluoranthene	18.11	202	97671	0.23	ng/ul	89
19) Pyrene	18.49	202	91453	0.17	ng/ul#	79
20) Benzo(a)anthracene	20.21	228	9829	0.08	ng/ul	97
21) Chrysene	20.27	228	11807	0.08	ng/ul	95
23) Benzo(b)fluoranthene	21.57	252	11274	0.09	ng/ul	87
24) Benzo(k)fluoranthene	21.60	252	9766	0.07	ng/ul#	81
25) Benzo(a)pyrene	22.03	252	9978	0.08	ng/ul#	81
26) Indeno(1,2,3-cd)pyrene	23.74	276	27153	0.05	ng/ul#	89
28) Benzo(g,h,i)perylene	24.29	276	29790	0.06	ng/ul#	90

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

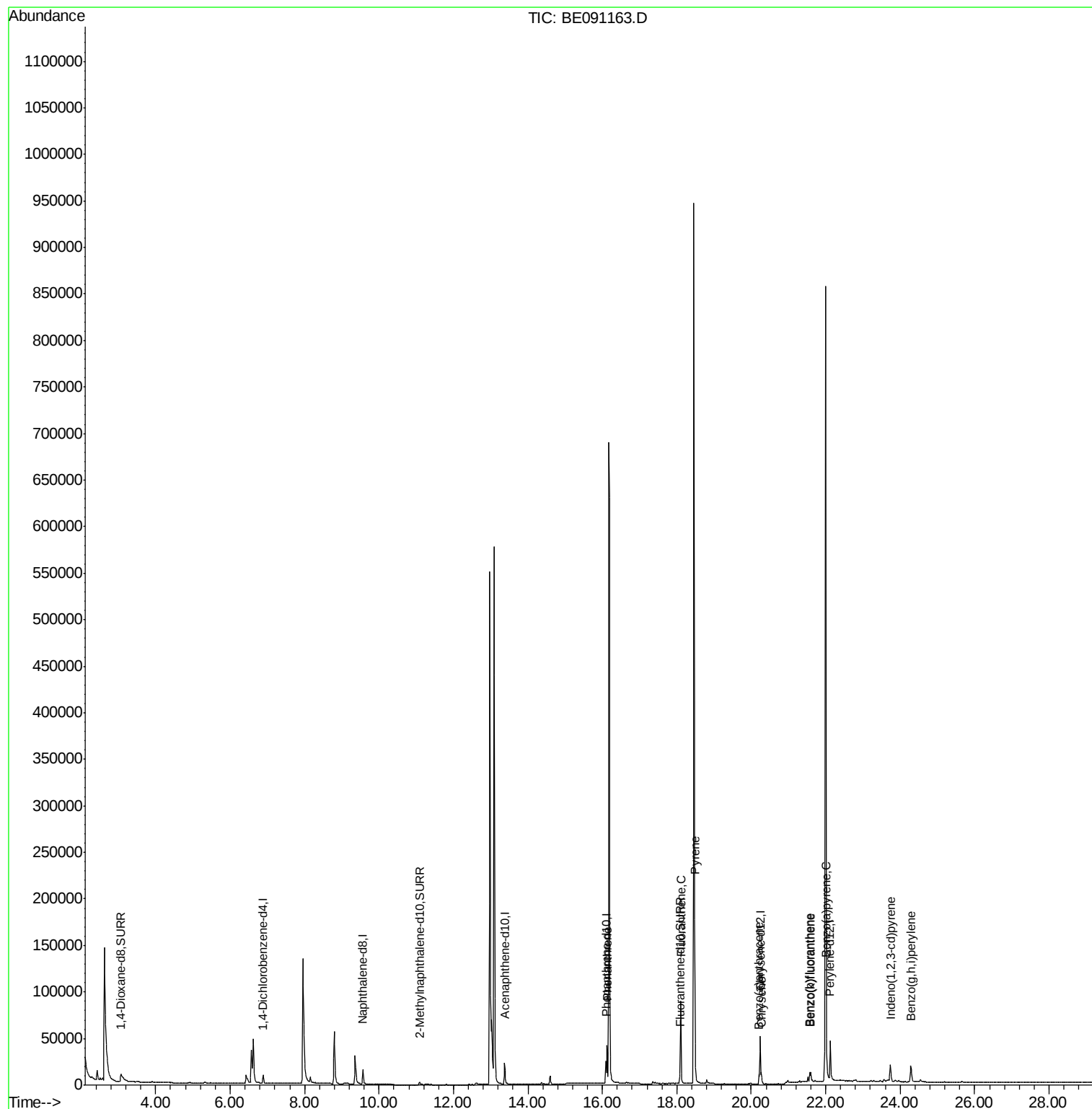
Data Path : Z:\HPCHEM1\BNA E\DATA\BE111315\
Data File : BE091163.D
Acq On : 14 Nov 2015 4:37
Operator : UM/NP
Sample : G4342-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

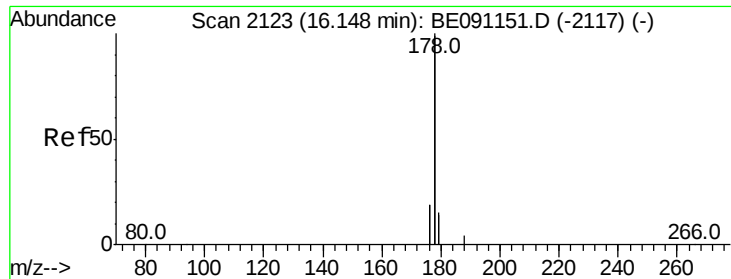
Instrument :
BNA_E
ClientSampleId :
D9KT2

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Quant Time: Nov 16 11:11:05 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 : Sat Nov 14 03:28:24 2015
Response via : Initial Calibration





#14

Phenanthrene

Concen: 0.13 ng/ul

RT: 16.12 min Scan# 2121

Delta R.T. -0.02 min

Lab File: BE091163.D

Acq: 14 Nov 2015 4:37

Instrument :

BNA_E

ClientSampleId :

D9KT2

Tot Ion:178 Resp: 47835

Ion Ratio Lower Upper

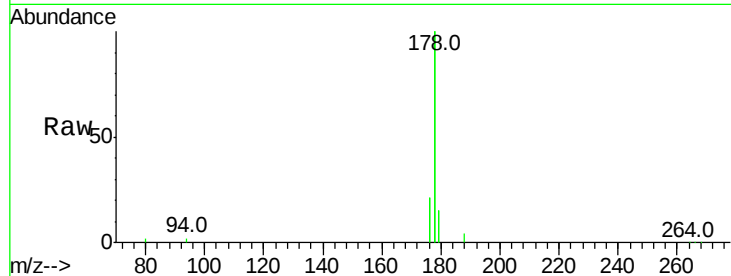
178 100

176 21.4 16.2 24.4

179 15.5 12.8 19.2

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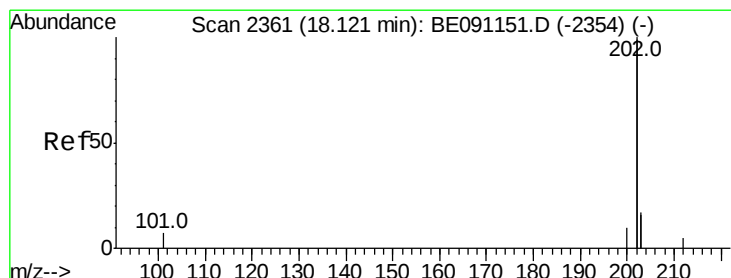
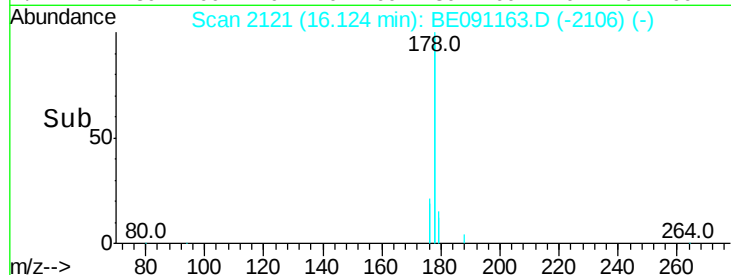
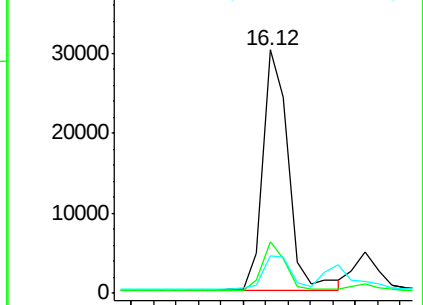
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#17

Fluoranthene

Concen: 0.23 ng/ul

RT: 18.11 min Scan# 2359

Delta R.T. -0.01 min

Lab File: BE091163.D

Acq: 14 Nov 2015 4:37

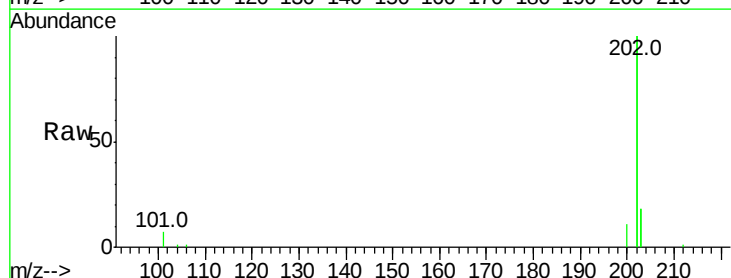
Tgt Ion:202 Resp: 97671

Ion Ratio Lower Upper

202 100

101 3.6 0.0 33.1

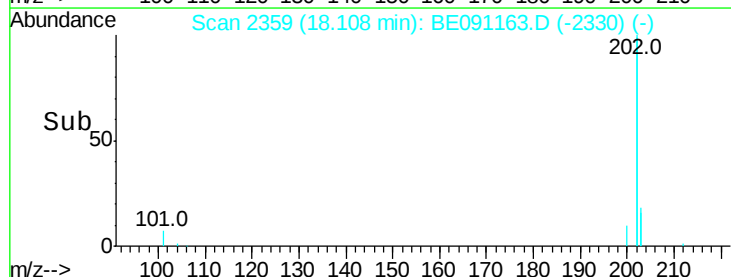
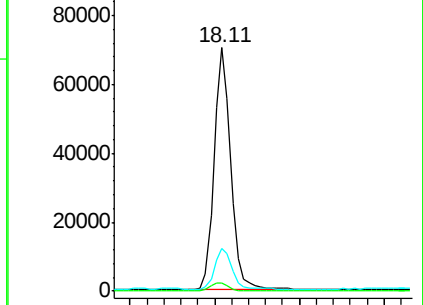
203 17.6 0.0 37.2

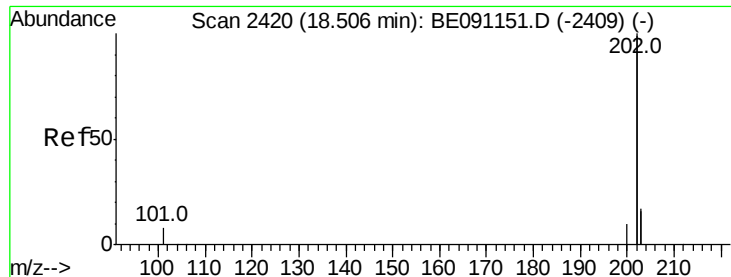


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





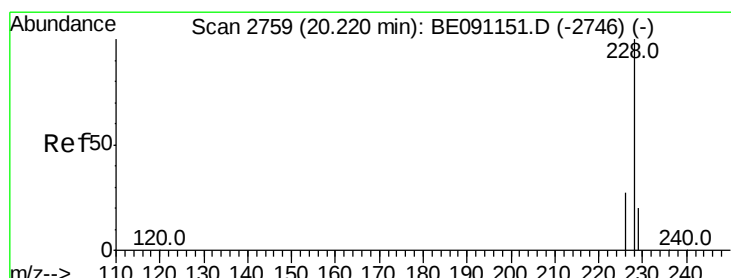
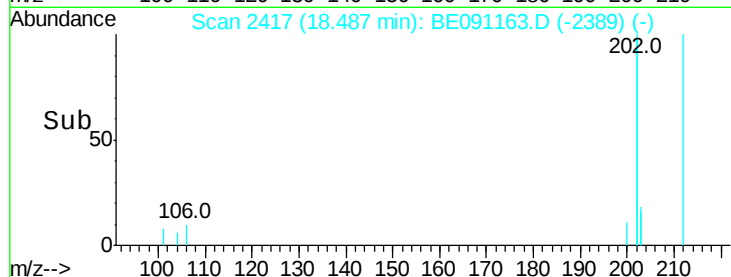
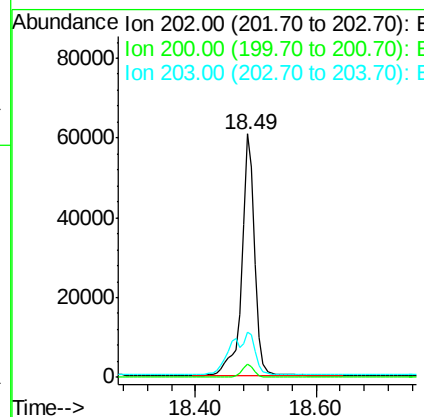
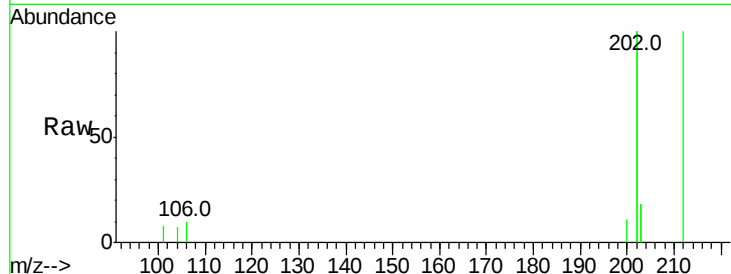
#19
Pvrene
Concen: 0.17 ng/ul
RT: 18.49 min Scan# 2417
Delta R.T. -0.02 min
Lab File: BE091163.D
Acq: 14 Nov 2015 4:37

Instrument :
BNA_E
ClientSampleId :
D9KT2

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	5.6	18.0	27.0#
203	18.4	13.8	20.6

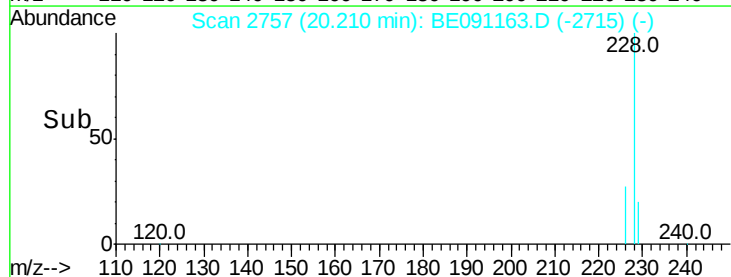
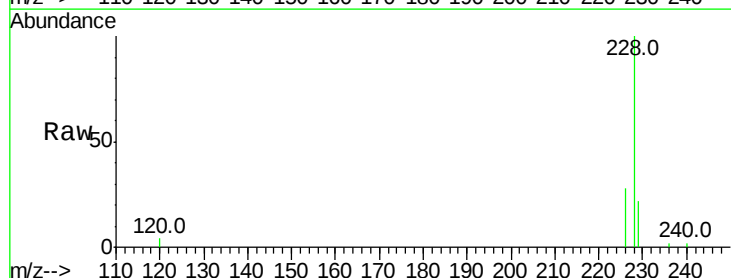
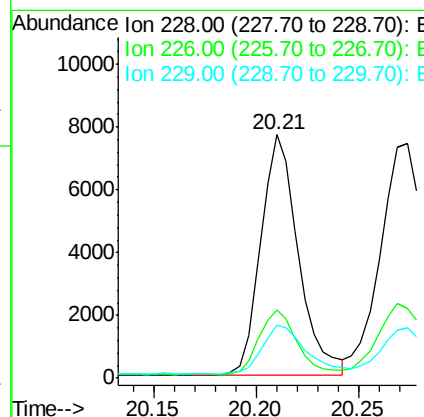
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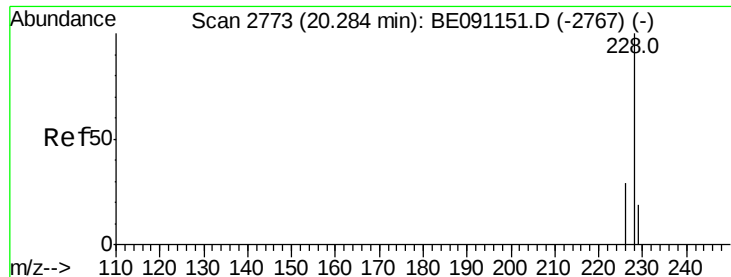
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#20
Benzo(a)anthracene
Concen: 0.08 ng/ul
RT: 20.21 min Scan# 2757
Delta R.T. -0.01 min
Lab File: BE091163.D
Acq: 14 Nov 2015 4:37

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	28.2	23.0	34.4
229	21.6	15.2	22.8





#21

Chrysene

Concen: 0.08 ng/u1

RT: 20.27 min Scan# 2771

Delta R.T. -0.01 min

Lab File: BE091163.D

Acq: 14 Nov 2015 4:37

Instrument :

BNA_E

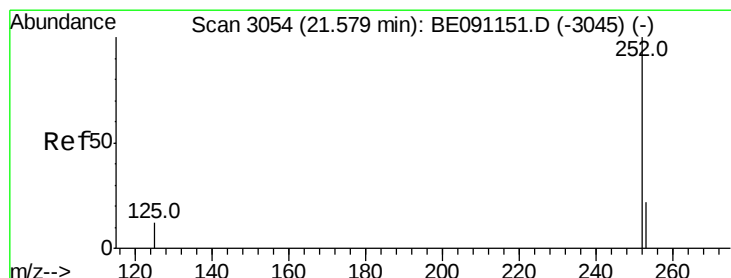
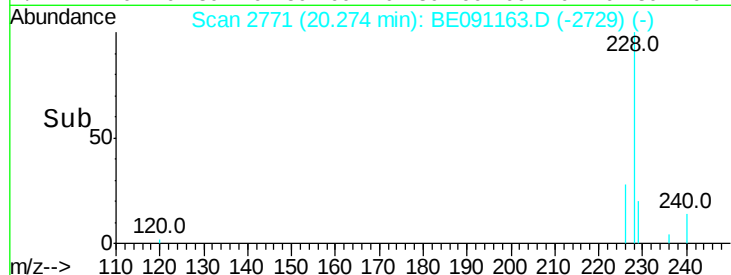
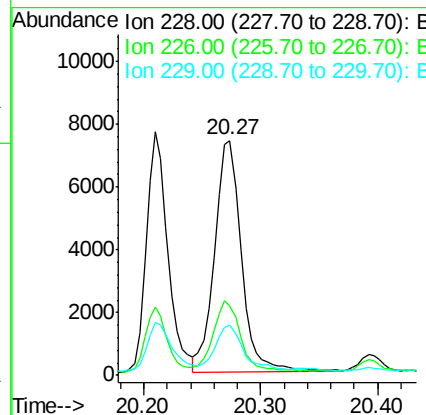
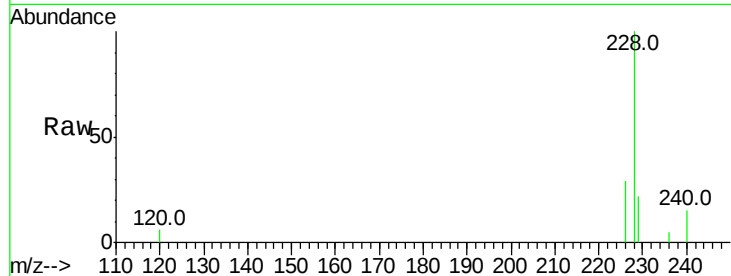
ClientSampleId :

D9KT2

Tot Ion:	228	Resp:	11807
Ion Ratio	Lower	Upper	
228	100		
226	29.4	25.7	38.5
229	21.6	15.2	22.8

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#23

Benzo(b)fluoranthene

Concen: 0.09 ng/u1

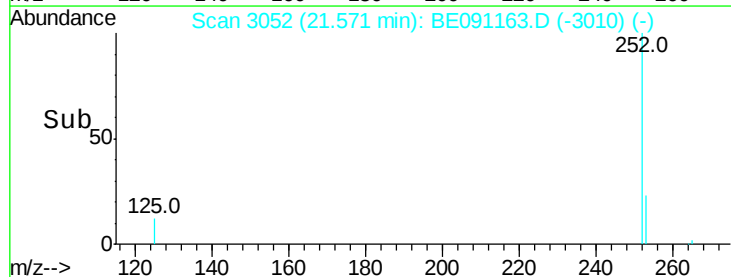
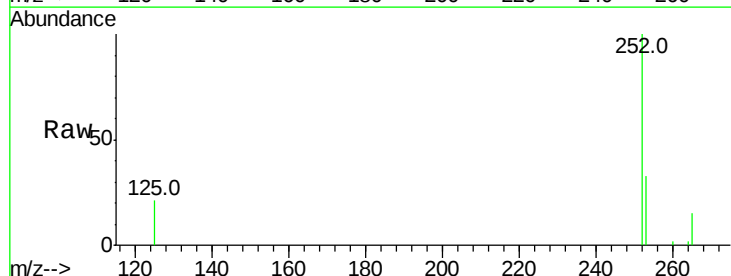
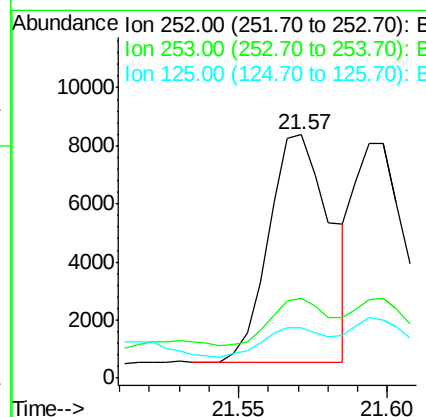
RT: 21.57 min Scan# 3052

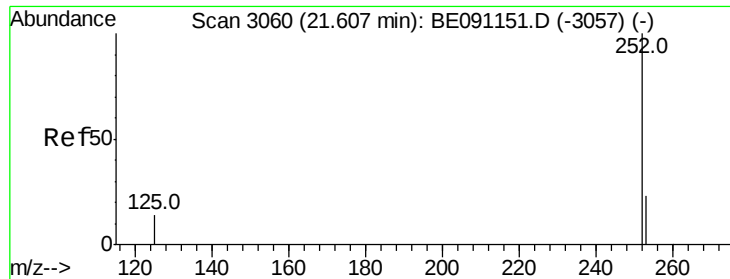
Delta R.T. -0.01 min

Lab File: BE091163.D

Acq: 14 Nov 2015 4:37

Tgt Ion:	252	Resp:	11274
Ion Ratio	Lower	Upper	
252	100		
253	32.9	0.0	48.0
125	20.7	0.0	36.6





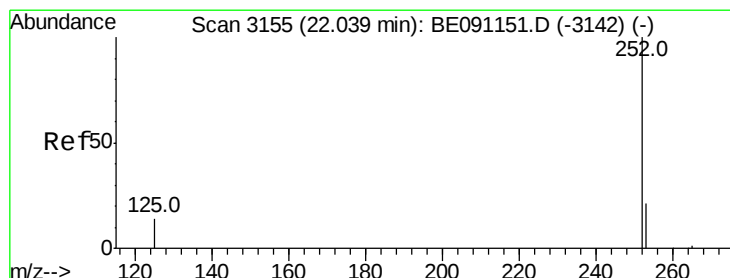
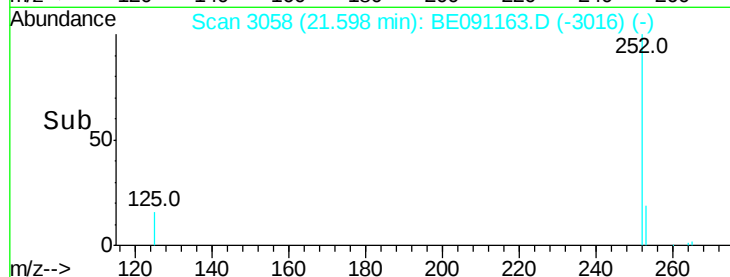
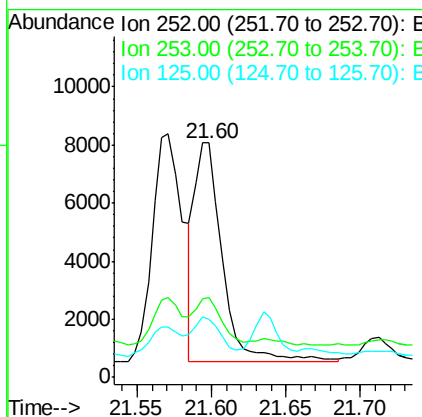
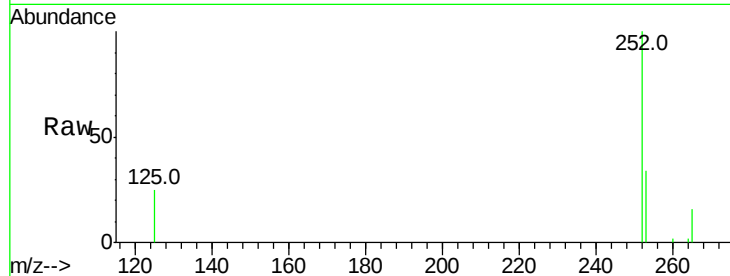
#24
Benzo(k)fluoranthene
Concen: 0.07 ng/ul
RT: 21.60 min Scan# 3058
Delta R.T. -0.01 min
Lab File: BE091163.D
Acq: 14 Nov 2015 4:37

Instrument :
BNA_E
ClientSampleId :
D9KT2

Tot Ion	Ratio	Lower	Upper
252	100		
253	34.1	20.8	31.2#
125	24.9	12.2	18.4#

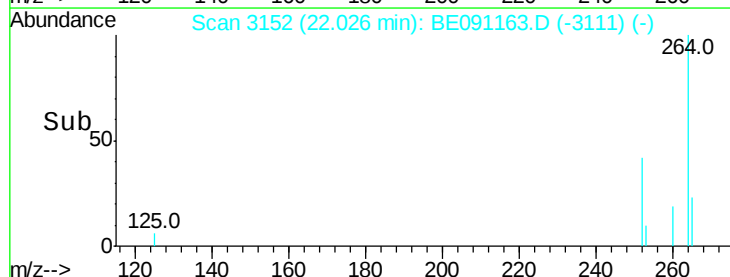
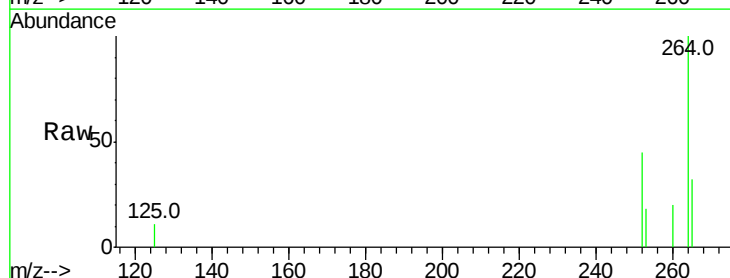
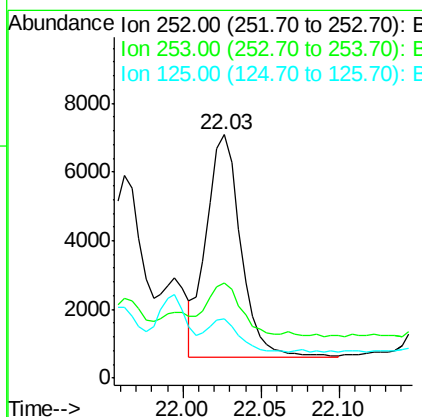
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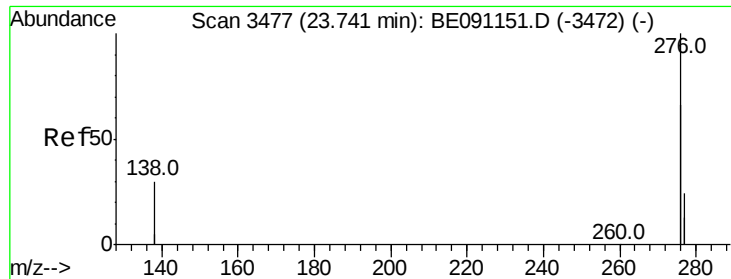
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#25
Benzo(a)pyrene
Concen: 0.08 ng/ul
RT: 22.03 min Scan# 3152
Delta R.T. -0.01 min
Lab File: BE091163.D
Acq: 14 Nov 2015 4:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	39.2	21.8	32.8#
125	24.3	14.5	21.7#





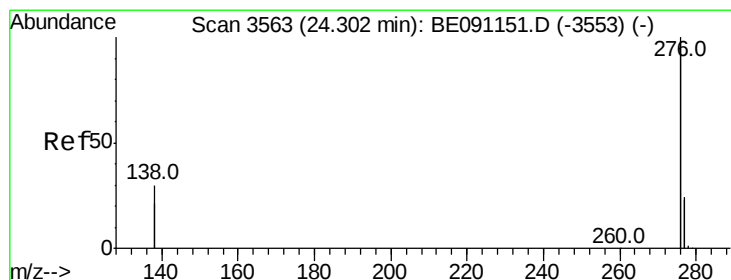
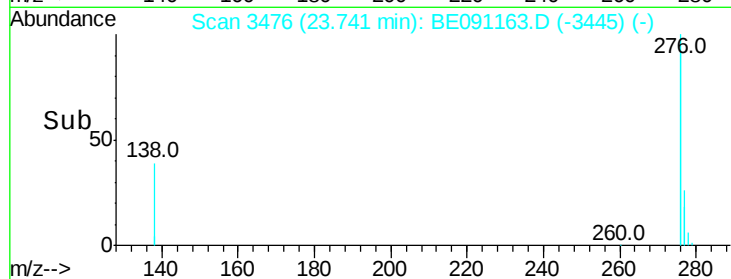
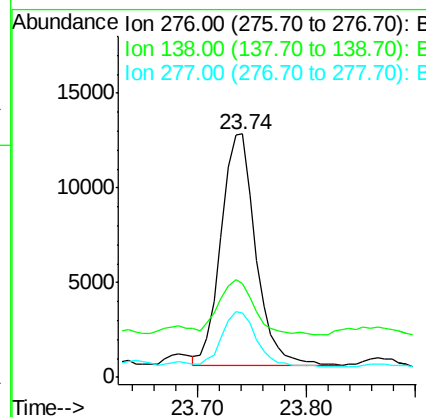
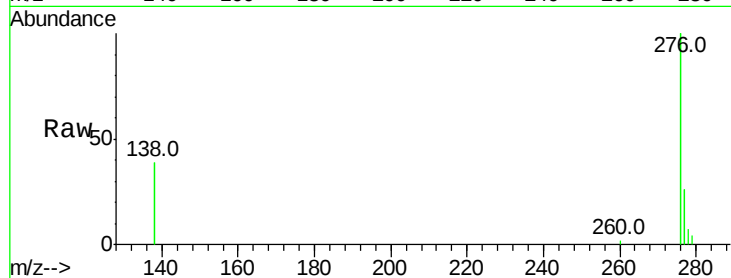
#26
 Indeno(1,2,3-cd)pyrene
 Concen: 0.05 ng/ul
 RT: 23.74 min Scan# 3476
 Delta R.T. -0.00 min
 Lab File: BE091163.D
 Acq: 14 Nov 2015 4:37

Instrument :
 BNA_E
 ClientSampleId :
 D9KT2

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.0	27.5	41.3#
277	23.9	19.3	28.9

Manual Integrations
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#28
 Benzo(g,h,i)perylene
 Concen: 0.06 ng/ul
 RT: 24.29 min Scan# 3560
 Delta R.T. -0.01 min
 Lab File: BE091163.D
 Acq: 14 Nov 2015 4:37

Tgt Ion	Ratio	Lower	Upper
276	100		
277	27.6	21.3	31.9
138	41.0	25.5	38.3#

