

Data Path : Z:\HPCHEM1\BNA E\DATA\BE111115\
 Data File : BE091148.D
 Acq On : 12 Nov 2015 17:04
 Operator : UM/NP
 Sample : G4322-22
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A4HT1

Manual Integrations
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Mmdadoda
 11/16/2015 12:42:39 PM

Quant Time: Nov 13 17:22:59 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 : Fri Nov 13 13:56:00 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	3254	0.40	ng/ul	0.00
4) Naphthalene-d8	9.57	136	18657	0.40	ng/ul	0.00
8) Acenaphthene-d10	13.40	164	11201	0.40	ng/ul	0.00
12) Phenanthrene-d10	16.12	188	27656m	0.40	ng/ul	-0.01
18) Chrysene-d12	20.29	240	36574	0.40	ng/ul	0.00
22) Perylene-d12	22.19	264	38448	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	2.92	96	10434	4.46	ng/uL	-0.03
6) 2-Methylnaphthalene-d10	11.07	152	2787	0.11	ng/ul	0.00
16) Fluoranthene-d10	18.12	212	5570	0.07	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	9.61	128	3306	0.07	ng/ul#	93
9) Acenaphthylene	13.14	152	3684	0.07	ng/ul	95
14) Phenanthrene	16.16	178	135068	0.42	ng/ul	97
15) Anthracene	16.25	178	27696m	0.10	ng/ul	
17) Fluoranthene	18.15	202	304914m	0.82	ng/ul	
19) Pyrene	18.53	202	280631	0.68	ng/ul#	80
20) Benzo(a)anthracene	20.26	228	31298m	0.33	ng/ul	
21) Chrysene	20.32	228	41405	0.38	ng/ul	96
23) Benzo(b)fluoranthene	21.62	252	36978	0.31	ng/ul	96
24) Benzo(k)fluoranthene	21.65	252	31810	0.26	ng/ul	95
25) Benzo(a)pyrene	22.09	252	34778	0.31	ng/ul	94
26) Indeno(1,2,3-cd)pyrene	23.83	276	96141m	0.21	ng/ul	
27) Dibenzo(a,h)anthracene	23.79	278	5709	0.05	ng/ul#	71
28) Benzo(g,h,i)perylene	24.39	276	91159	0.19	ng/ul	99

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

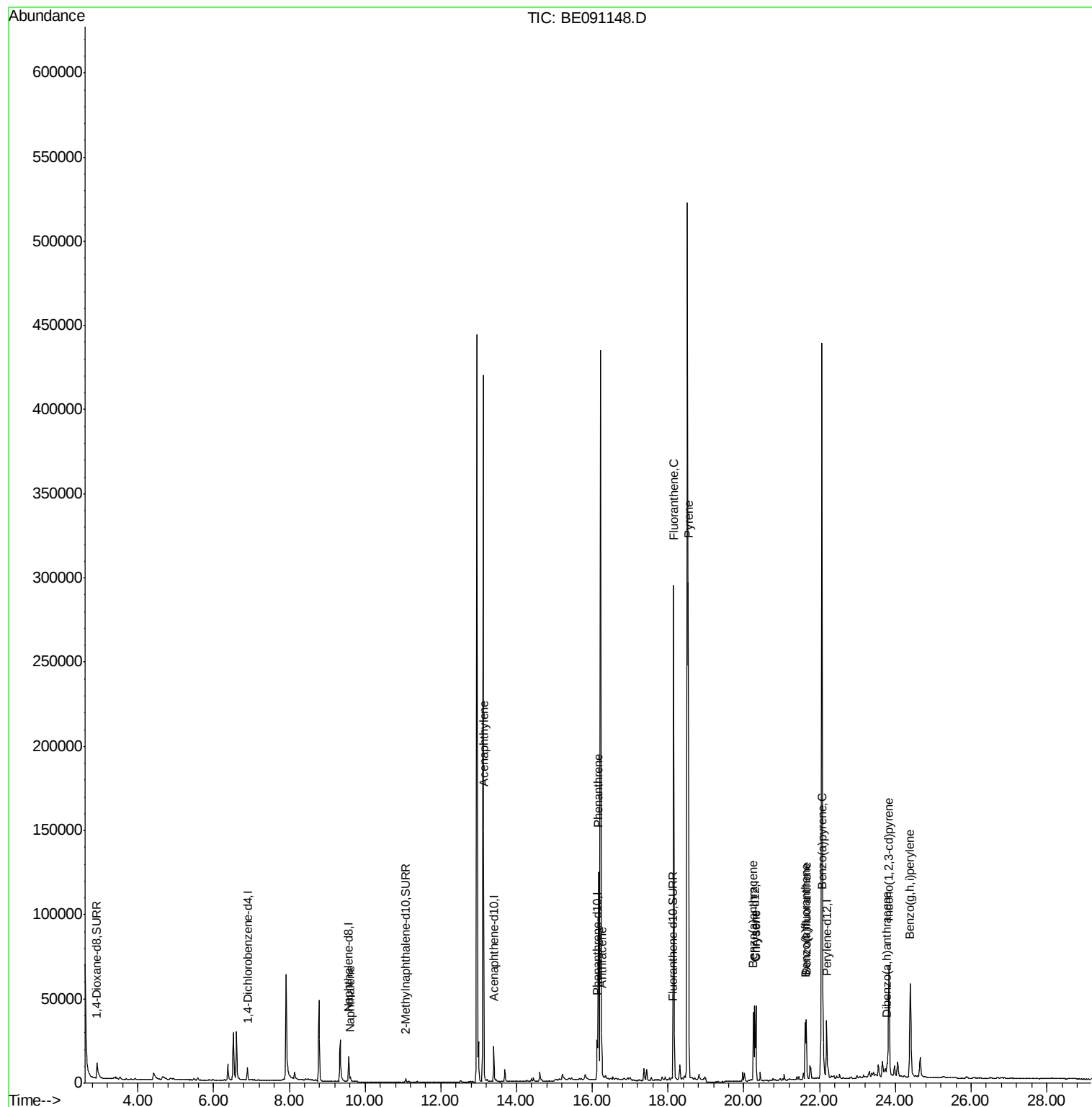
Data Path : Z:\HPCHEM1\BNA E\DATA\BE111115\
Data File : BE091148.D
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Operator : UM/NP
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Misc :
ALS Vial : 33 Sample Multiplier: 1

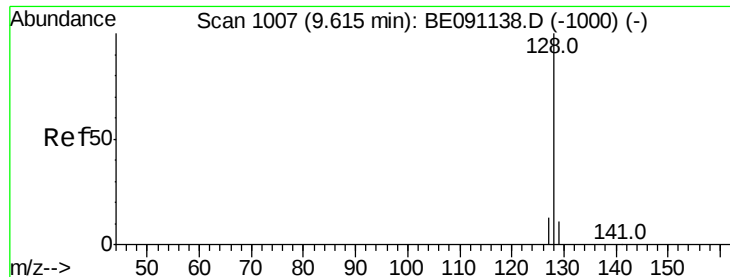
Instrument :
BNA_E
ClientSampleId :
A4HT1

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Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM02.2-EPA-SIM-BE102715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 13 13:56:00 2015
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#5

Naphthalene

Concen: 0.07 ng/ul

RT: 9.61 min Scan# 1007

Delta R.T. -0.00 min

Lab File: BE091148.D

Acq: 12 Nov 2015 17:04

Instrument :

BNA_E

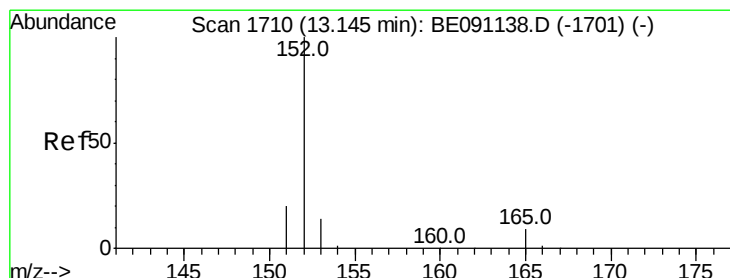
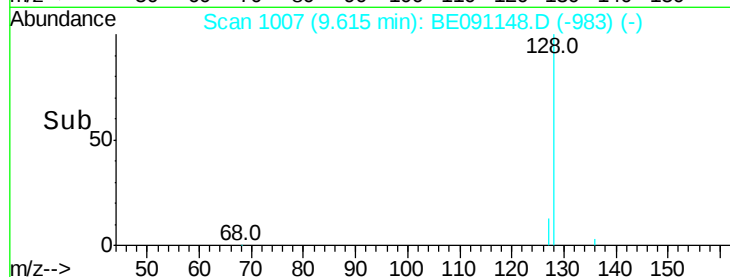
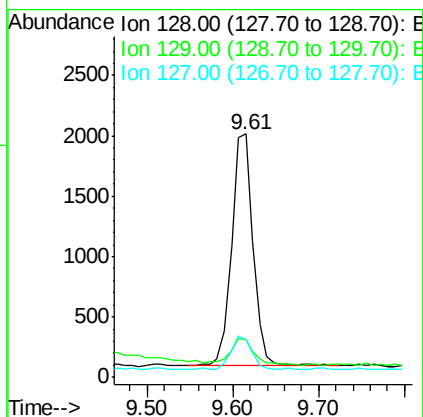
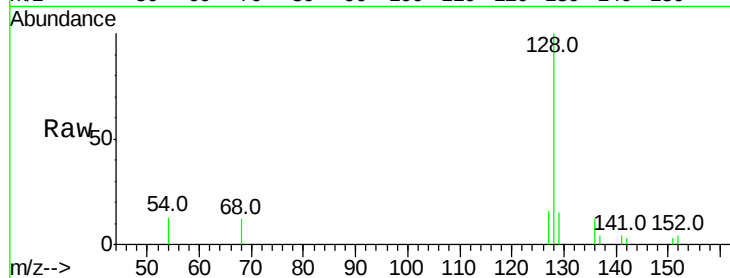
ClientSampleId :

A4HT1

Tot Ion:128 Resp: 3306
 Ion Ratio Lower Upper
 128 100
 129 15.5 9.8 14.8#
 127 15.6 10.7 16.1

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#9

Acenaphthylene

Concen: 0.07 ng/ul

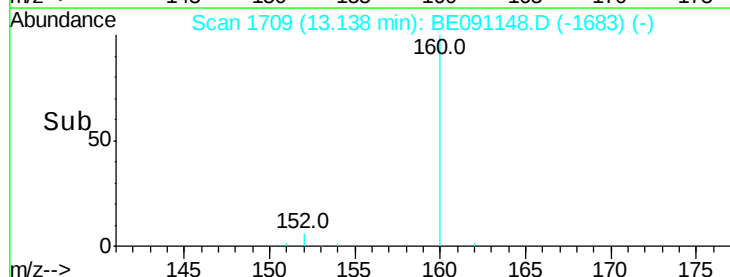
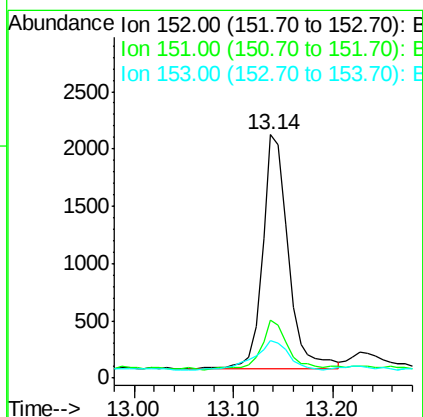
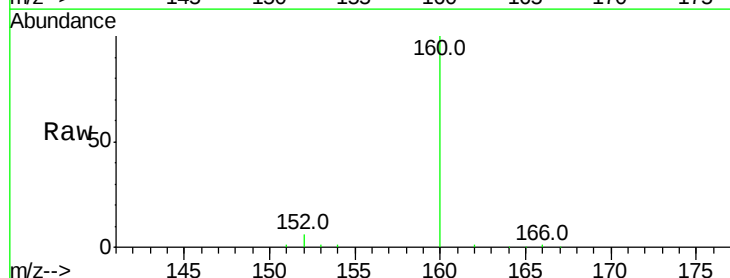
RT: 13.14 min Scan# 1709

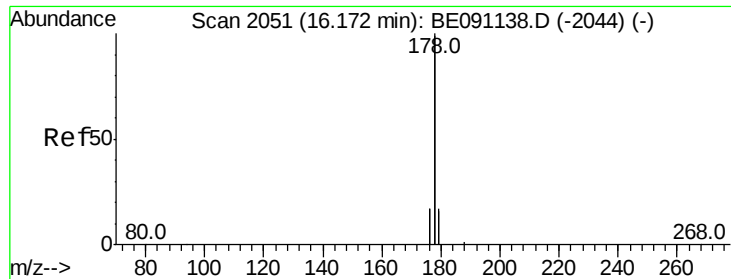
Delta R.T. -0.01 min

Lab File: BE091148.D

Acq: 12 Nov 2015 17:04

Tgt Ion:152 Resp: 3684
 Ion Ratio Lower Upper
 152 100
 151 23.9 16.8 25.2
 153 15.3 11.3 16.9





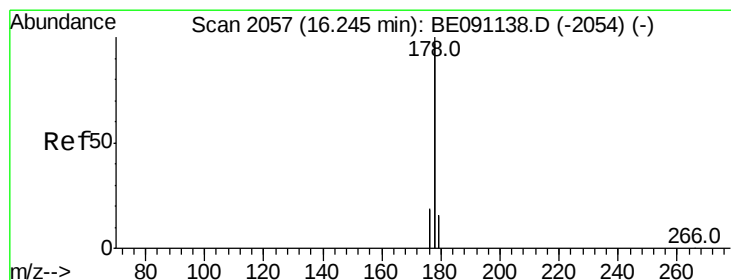
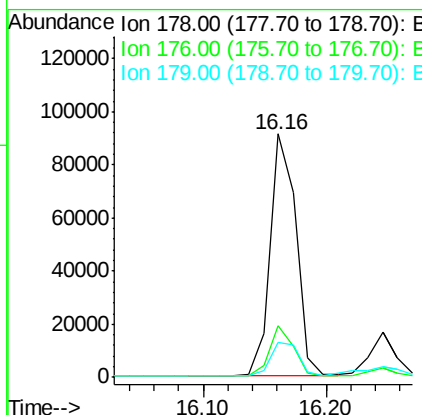
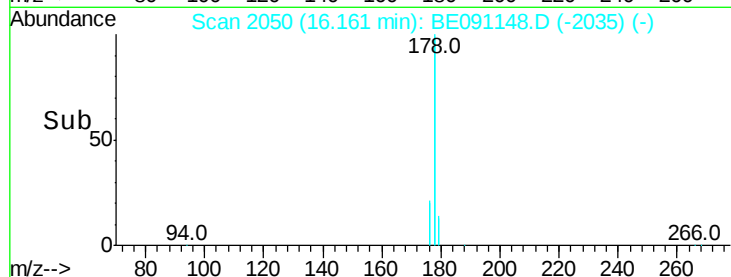
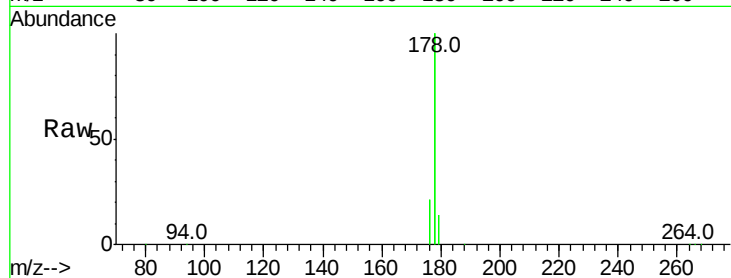
#14
Phenanthrene
Concen: 0.42 ng/ul
RT: 16.16 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BE091148.D
Acq: 12 Nov 2015 17:04

Instrument :
BNA_E
ClientSampleId :
A4HT1

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.3	16.2	24.4
179	14.3	12.8	19.2

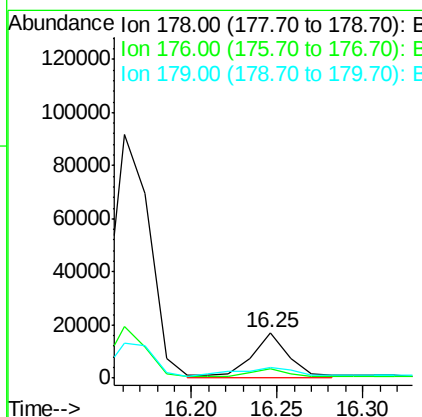
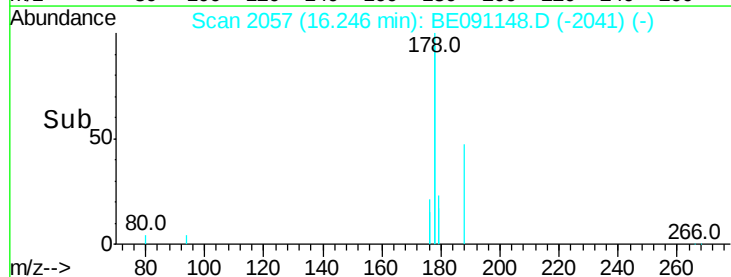
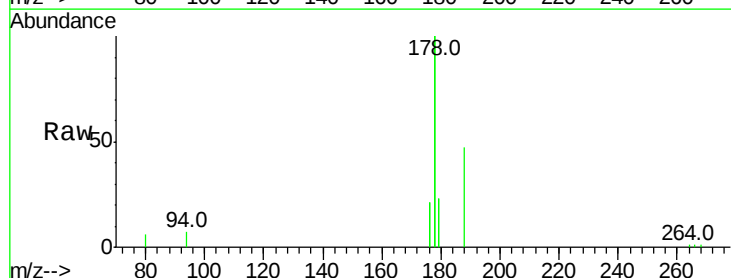
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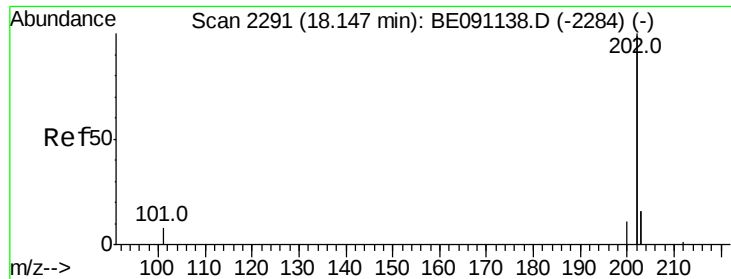
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#15
Anthracene
Concen: 0.10 ng/ul m
RT: 16.25 min Scan# 2057
Delta R.T. -0.00 min
Lab File: BE091148.D
Acq: 12 Nov 2015 17:04

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.0	15.8	23.8
179	22.6	13.3	19.9#





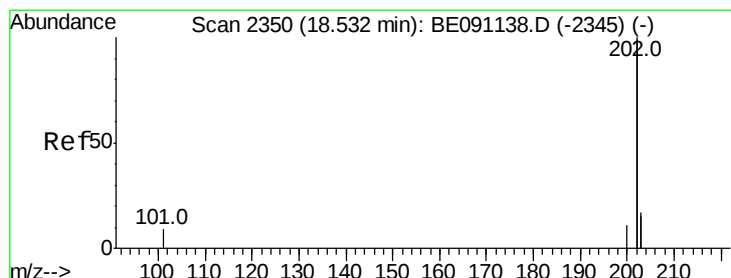
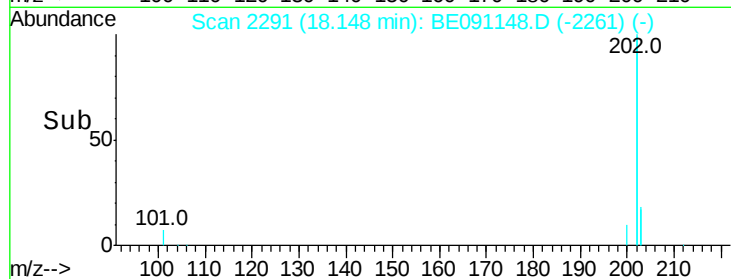
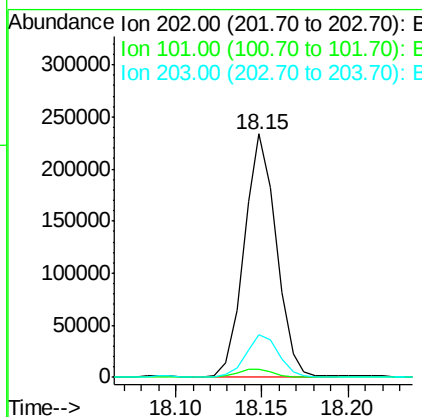
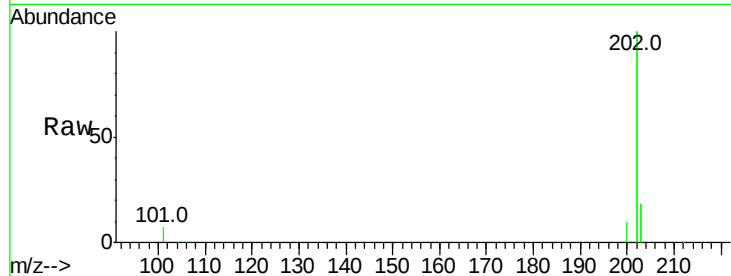
#17
Fluoranthene
 Concen: 0.82 ng/ul m
 RT: 18.15 min Scan# 2291
 Delta R.T. -0.00 min
 Lab File: BE091148.D
 Acq: 12 Nov 2015 17:04

Instrument :
 BNA_E
 ClientSampleId :
 A4HT1

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	7.2	0.0	33.1
203	17.6	0.0	37.2

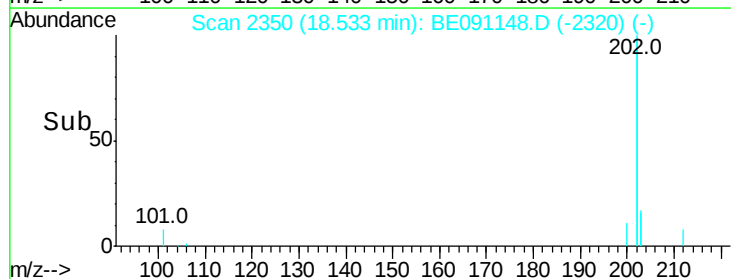
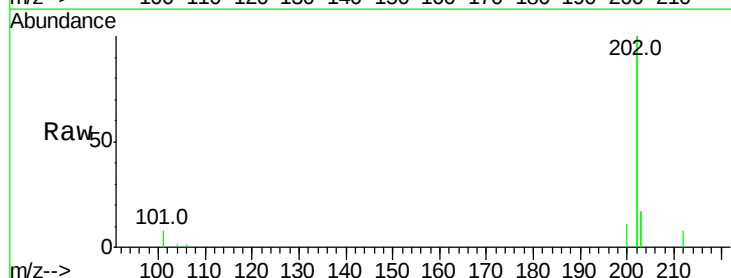
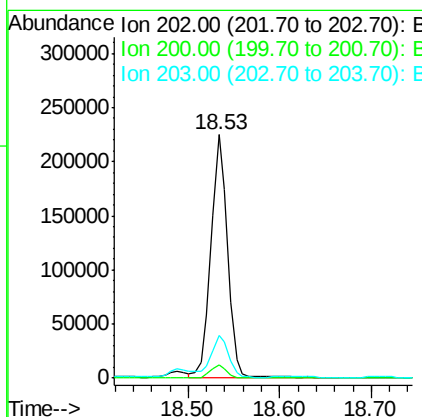
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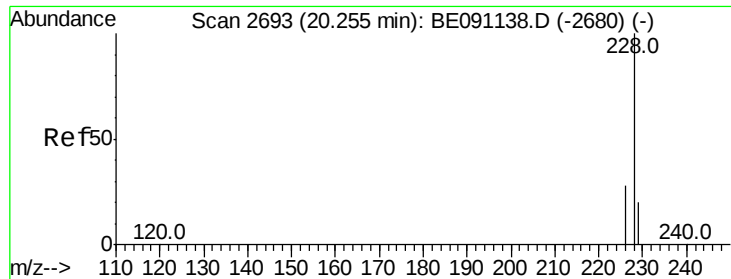
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#19
Pyrene
 Concen: 0.68 ng/ul
 RT: 18.53 min Scan# 2350
 Delta R.T. -0.00 min
 Lab File: BE091148.D
 Acq: 12 Nov 2015 17:04

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
200	5.4	18.0	27.0#
203	17.5	13.8	20.6





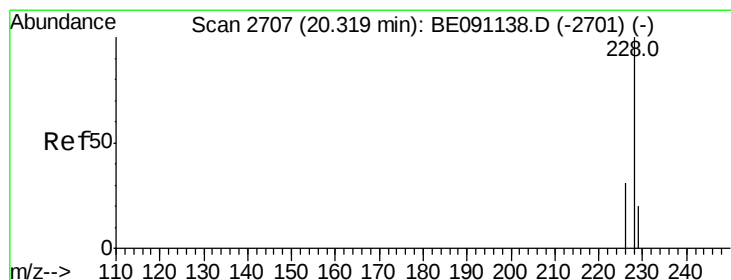
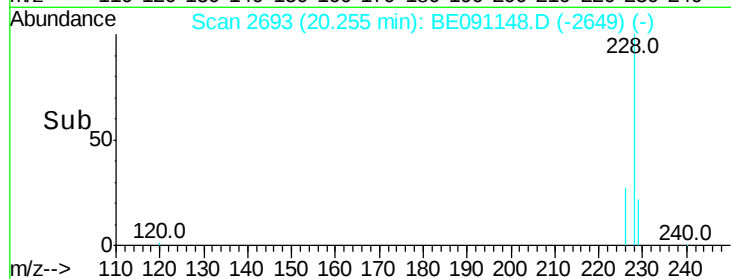
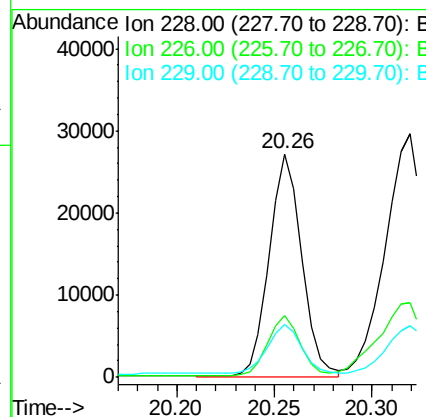
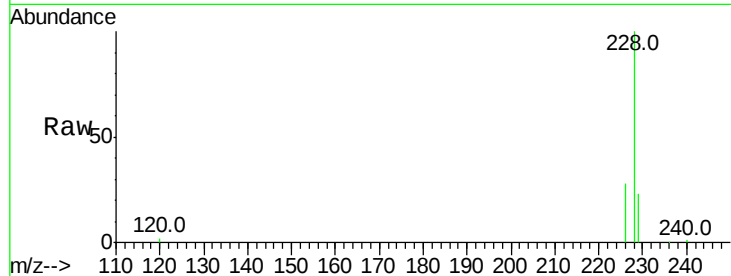
#20
Benzo(a)anthracene
Concen: 0.33 ng/ul m
RT: 20.26 min Scan# 2693
Delta R.T. -0.00 min
Lab File: BE091148.D
Acq: 12 Nov 2015 17:04

Instrument :
BNA_E
ClientSampleId :
A4HT1

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.6	23.0	34.4
229	23.4	15.2	22.8

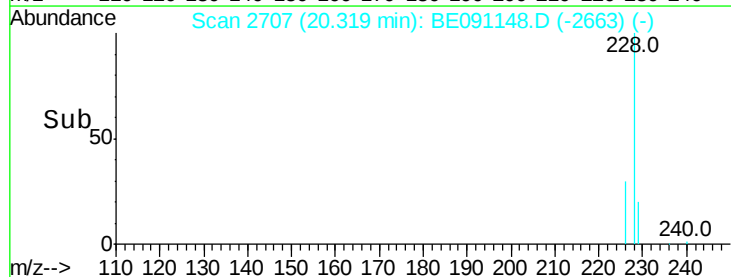
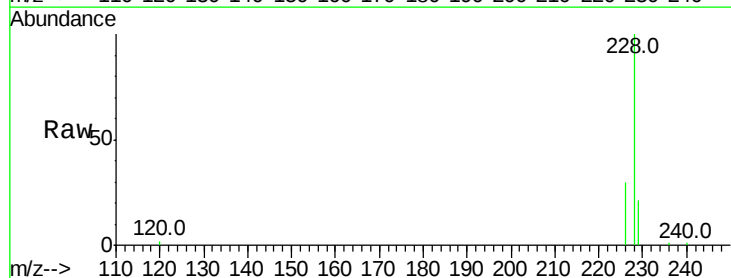
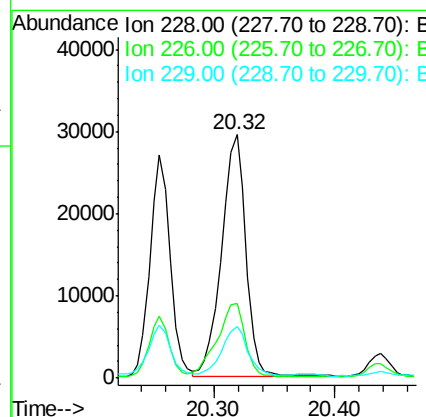
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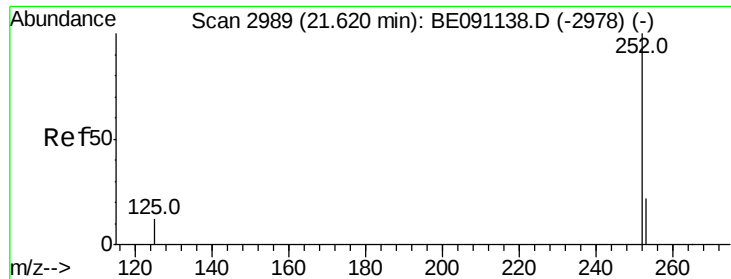
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#21
Chrysene
Concen: 0.38 ng/ul
RT: 20.32 min Scan# 2707
Delta R.T. -0.00 min
Lab File: BE091148.D
Acq: 12 Nov 2015 17:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.7	38.5
229	21.3	15.2	22.8





#23

Benzo(b)fluoranthene

Concen: 0.31 ng/ul

RT: 21.62 min Scan# 2990

Delta R.T. -0.00 min

Lab File: BE091148.D

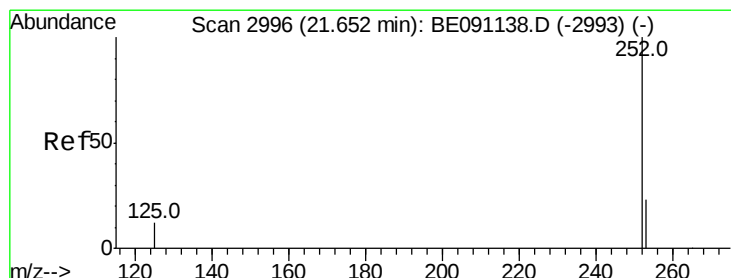
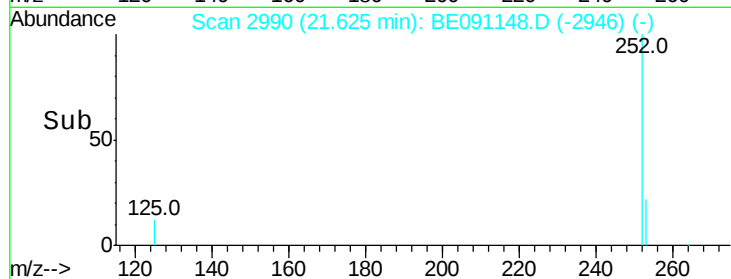
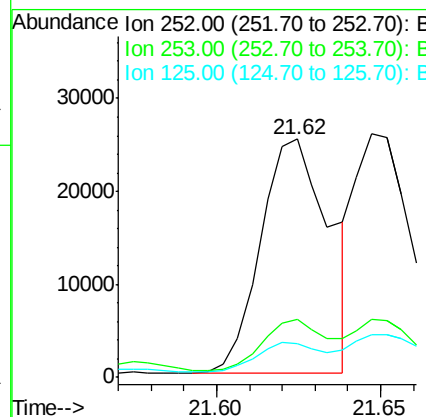
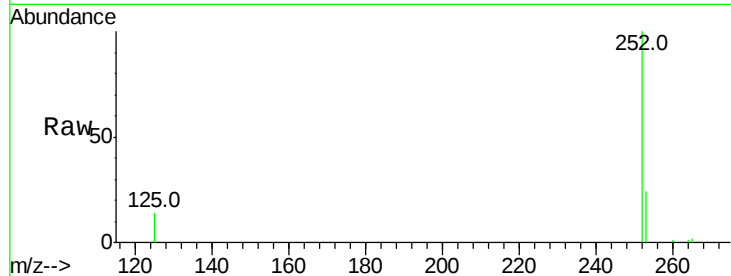
Acq: 12 Nov 2015 17:04

Instrument :
BNA_E
ClientSampleId :
A4HT1

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	24.4	0.0	48.0
125	14.3	0.0	36.6

Manual Integrations
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#24

Benzo(k)fluoranthene

Concen: 0.26 ng/ul

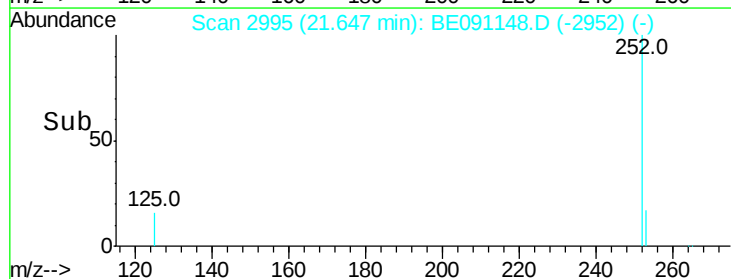
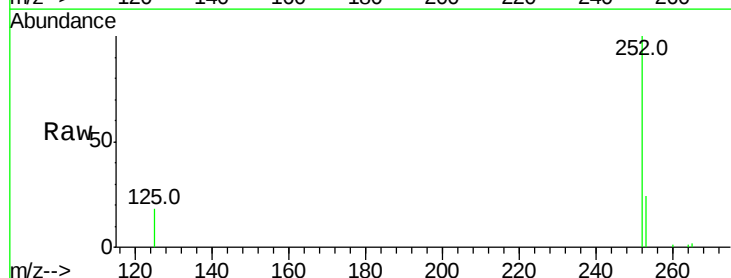
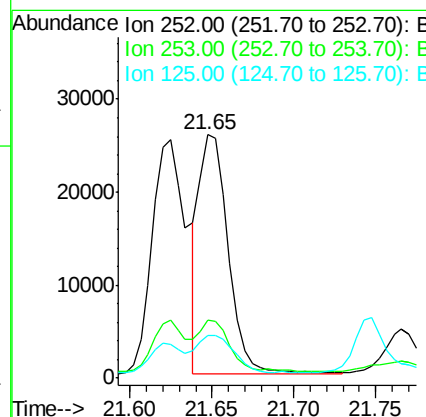
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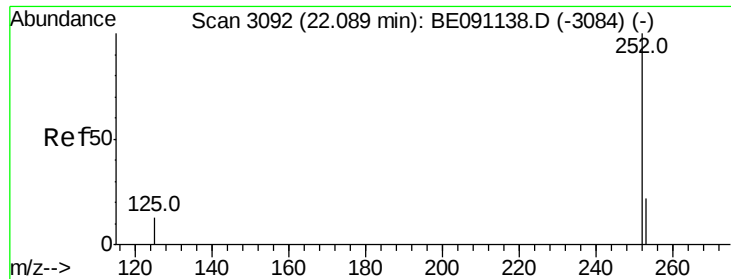
Delta R.T. -0.00 min

Lab File: BE091148.D

Acq: 12 Nov 2015 17:04

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	23.9	20.8	31.2
125	17.5	12.2	18.4





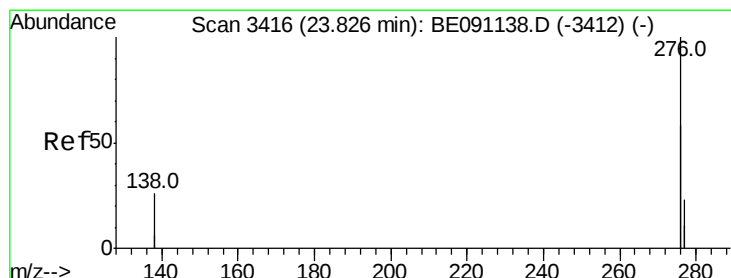
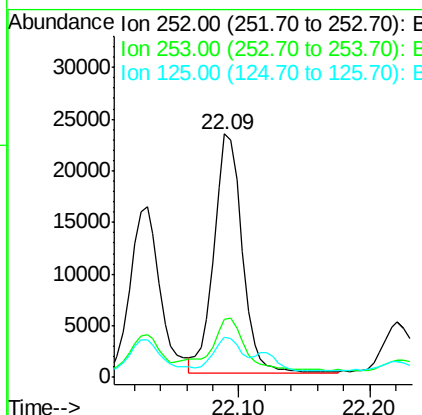
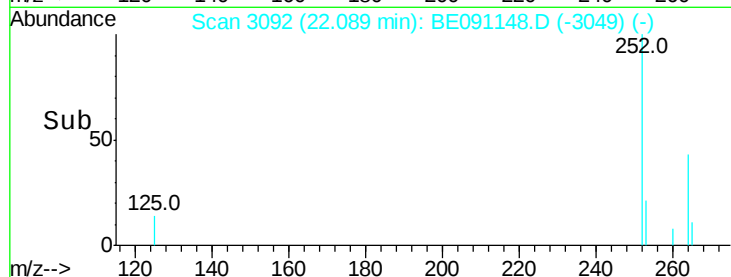
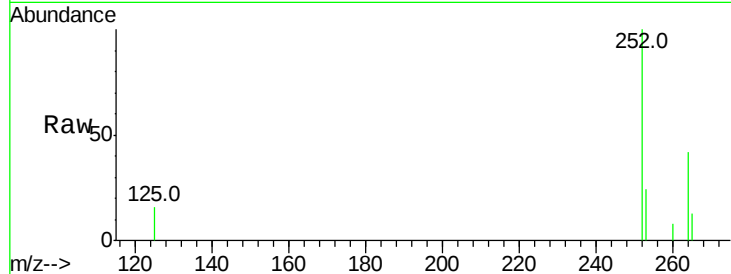
#25
Benzo(a)pyrene
Concen: 0.31 ng/ul
RT: 22.09 min Scan# 3092
Delta R.T. -0.00 min
Lab File: BE091148.D
Acq: 12 Nov 2015 17:04

Instrument :
BNA_E
ClientSampleId :
A4HT1

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	21.8	32.8
125	16.3	14.5	21.7

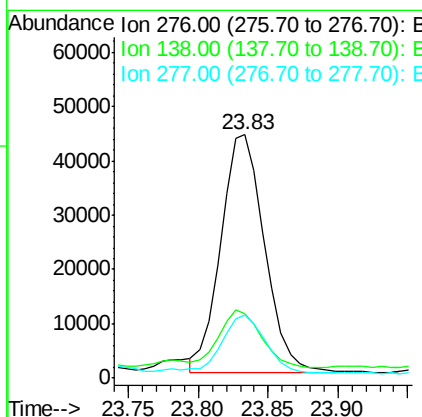
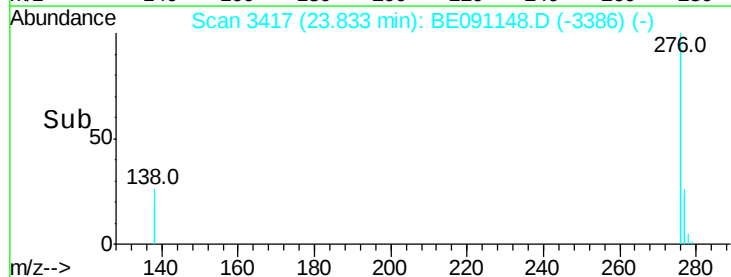
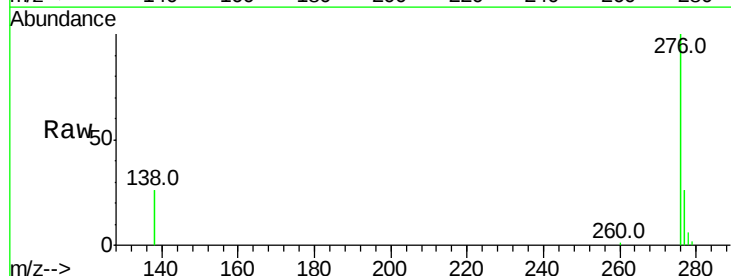
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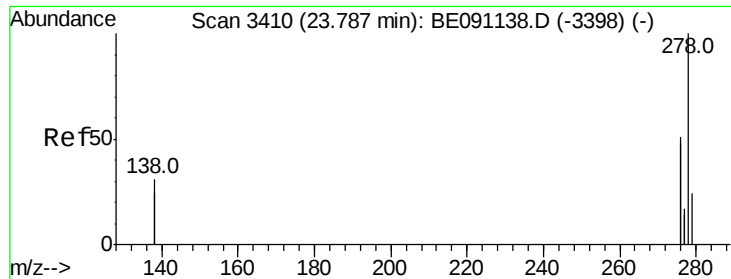
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#26
Indeno(1,2,3-cd)pyrene
Concen: 0.21 ng/ul m
RT: 23.83 min Scan# 3417
Delta R.T. -0.00 min
Lab File: BE091148.D
Acq: 12 Nov 2015 17:04

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.1	27.5	41.3#
277	25.1	19.3	28.9





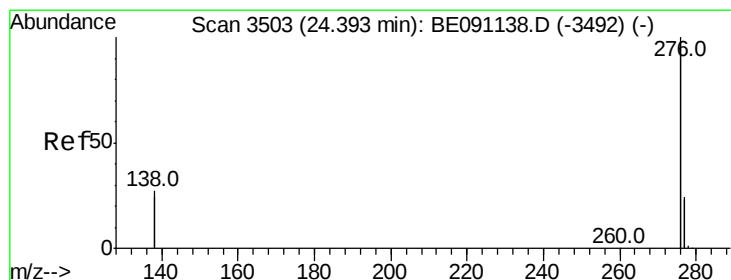
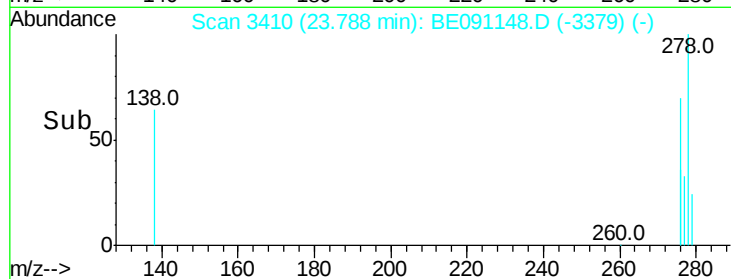
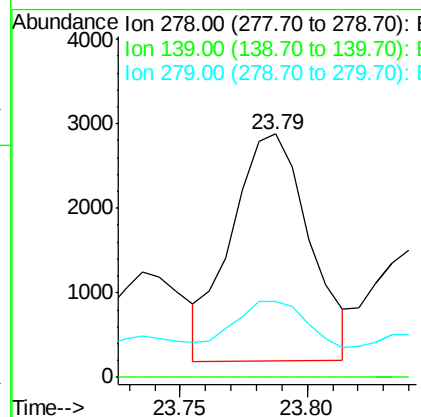
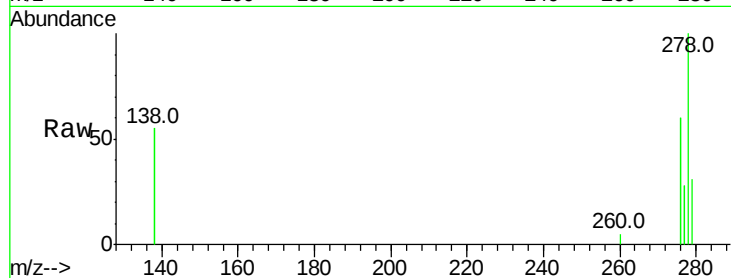
#27
Dibenzo(a,h)anthracene
Concen: 0.05 ng/ul
RT: 23.79 min Scan# 3410
Delta R.T. -0.00 min
Lab File: BE091148.D
Acq: 12 Nov 2015 17:04

Instrument :
BNA_E
ClientSampleId :
A4HT1

Tot Ion	Ratio	Lower	Upper
278	100		
139	0.0	21.7	32.5#
279	31.0	21.9	32.9

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#28
Benzo(g,h,i)perylene
Concen: 0.19 ng/ul
RT: 24.39 min Scan# 3503
Delta R.T. -0.00 min
Lab File: BE091148.D
Acq: 12 Nov 2015 17:04

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.2	21.3	31.9
138	31.4	25.5	38.3

