

Data Path : Z:\HPCHEM1\BNA E\DATA\BE112215\
 Data File : BE091278.D
 Acq On : 21 Nov 2015 15:27
 Operator : UM/NP
 Sample : G4346-07MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A4J72MS

Manual Integrations
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Quant Time: Nov 23 10:24:41 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 23 00:41:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	3211	0.40	ng/ul	-0.02
4) Naphthalene-d8	9.56	136	15294	0.40	ng/ul	0.00
8) Acenaphthene-d10	13.36	164	7911	0.40	ng/ul	0.00
12) Phenanthrene-d10	16.09	188	19008	0.40	ng/ul	0.00
18) Chrysene-d12	20.23	240	22789	0.40	ng/ul	0.00
22) Perylene-d12	22.11	264	21246	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
6) 2-Methylnaphthalene-d10	11.05	152	6891	0.33	ng/ul	0.00
16) Fluoranthene-d10	18.07	212	19235	0.36	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Acenaphthylene	13.11	152	1005	0.03	ng/ul#	74
10) Acenaphthene	13.41	153	162	0.01	ng/ul#	69
13) Pentachlorophenol	15.84	266	1660	0.92	ng/ul	93
14) Phenanthrene	16.12	178	25567	0.12	ng/ul	97
15) Anthracene	16.21	178	5828m	0.03	ng/ul	
17) Fluoranthene	18.09	202	29368	0.11	ng/ul	88
19) Pyrene	18.48	202	27124	0.10	ng/ul#	76
20) Benzo(a)anthracene	20.20	228	3797	0.06	ng/ul#	95
21) Chrysene	20.26	228	4746	0.07	ng/ul	94
25) Benzo(a)pyrene	22.01	252	3150	0.05	ng/ul#	72
26) Indeno(1,2,3-cd)pyrene	23.71	276	8148	0.03	ng/ul	95
28) Benzo(g,h,i)perylene	24.26	276	9052	0.03	ng/ul#	69

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

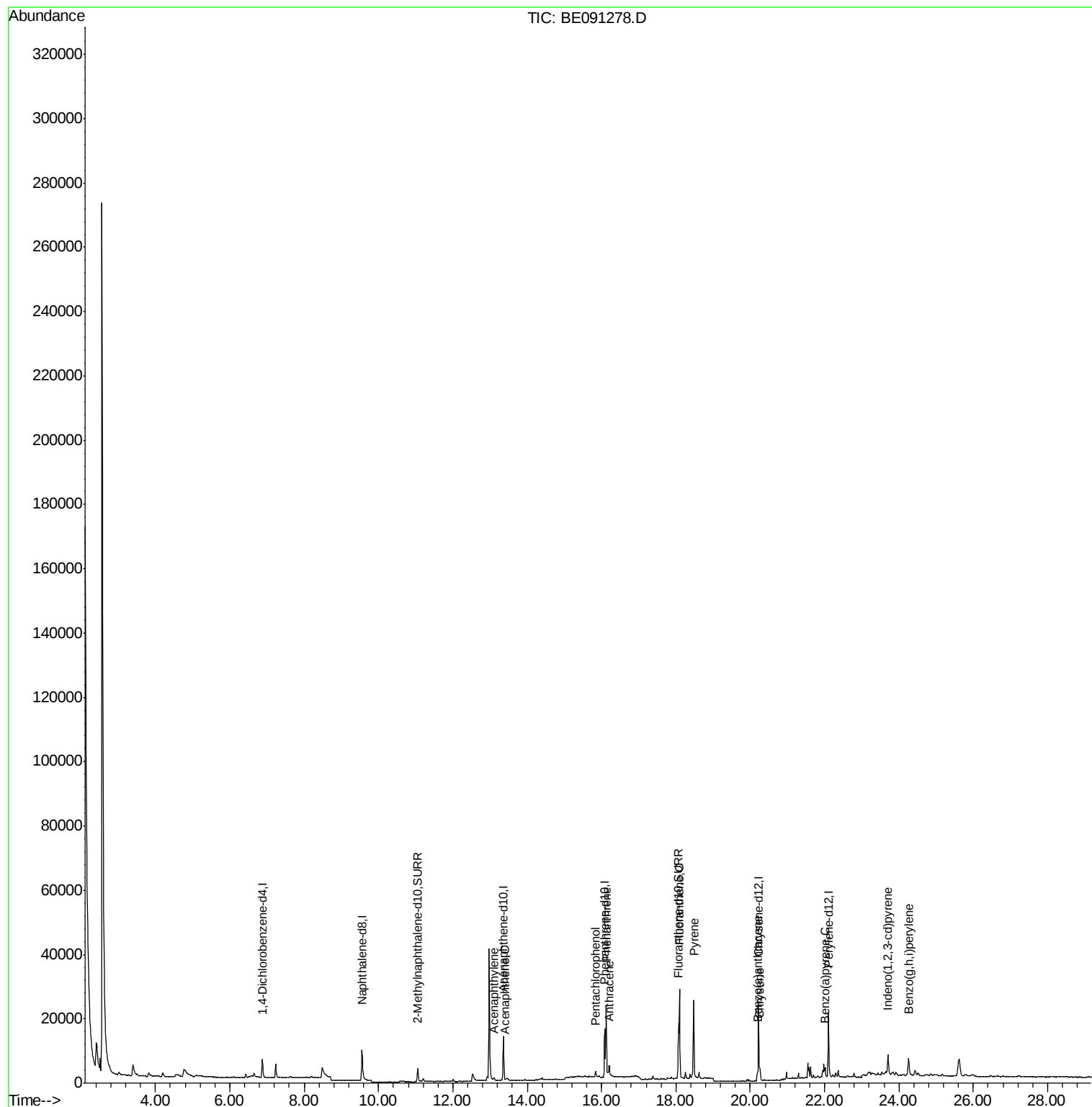
Data Path : Z:\HPCHEM1\BNA E\DATA\BE112215\
Data File : BE091278.D
Acq On : 21 Nov 2015 15:27
Operator : UM/NP
Sample : G4346-07MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

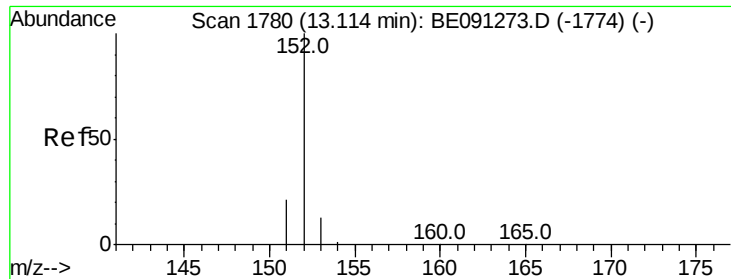
Instrument :
BNA_E
ClientSampleId :
A4J72MS

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Quant Time: Nov 23 10:24:41 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 23 00:41:30 2015
Response via : Initial Calibration





#9

Acenaphthylene

Concen: 0.03 ng/ul

RT: 13.11 min Scan# 1780

Delta R.T. -0.00 min

Lab File: BE091278.D

Acq: 21 Nov 2015 15:27

Instrument :

BNA_E

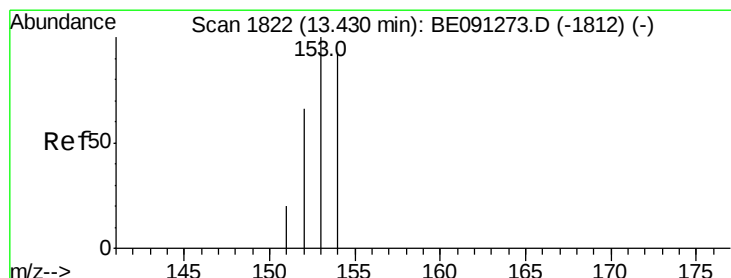
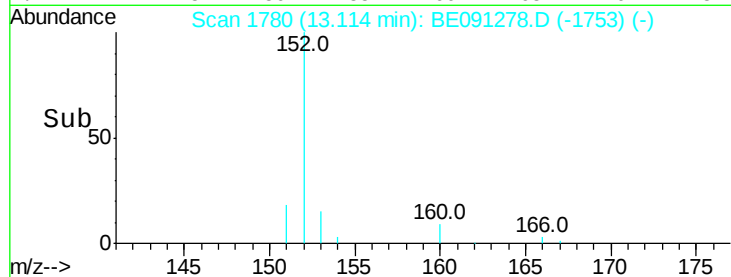
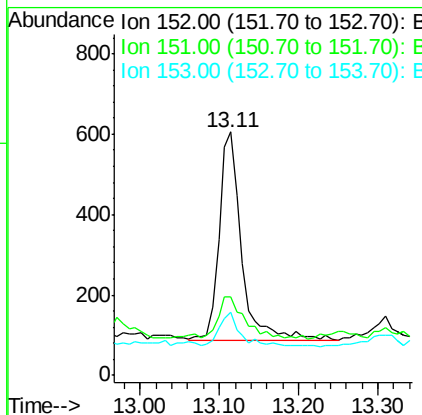
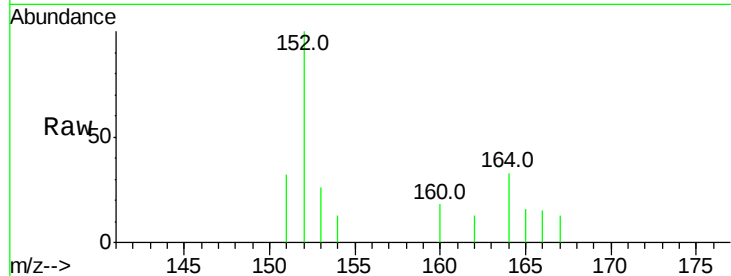
ClientSampleId :

A4J72MS

Tot Ion:	152	Resp:	1005
Ion Ratio	Lower	Upper	
152	100		
151	32.0	16.8	25.2#
153	25.9	11.3	16.9#

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#10

Acenaphthene

Concen: 0.01 ng/ul

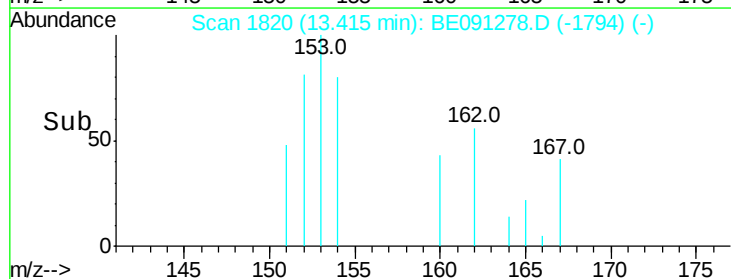
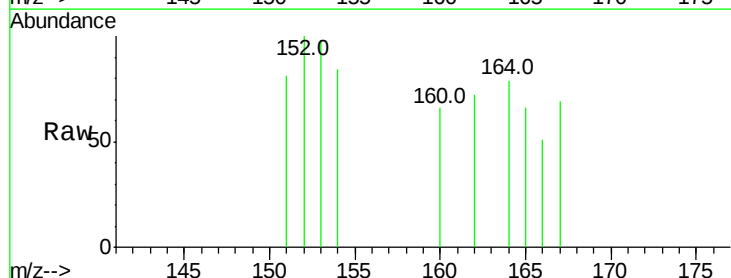
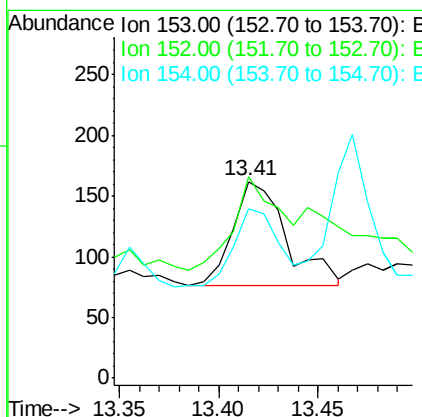
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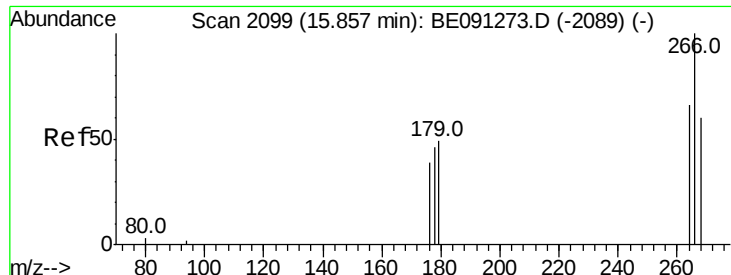
Delta R.T. -0.01 min

Lab File: BE091278.D

Acq: 21 Nov 2015 15:27

Tgt Ion:	153	Resp:	162
Ion Ratio	Lower	Upper	
153	100		
152	102.5	42.3	63.5#
154	86.4	64.7	97.1





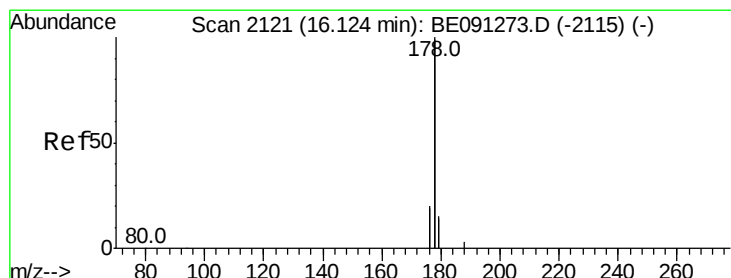
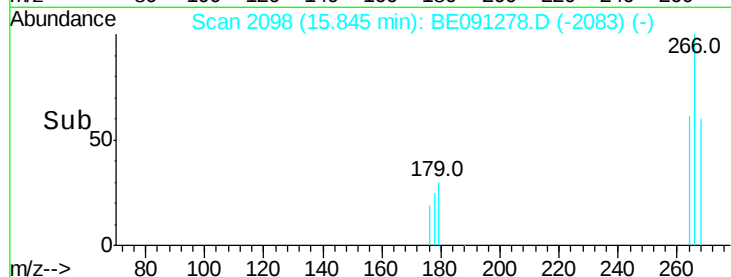
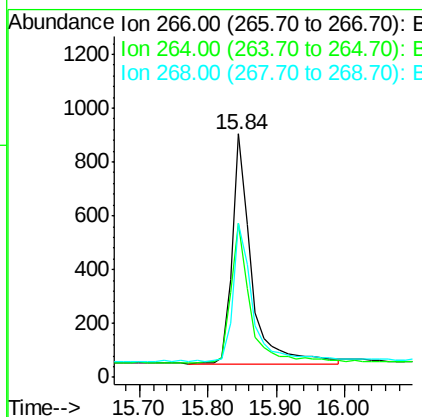
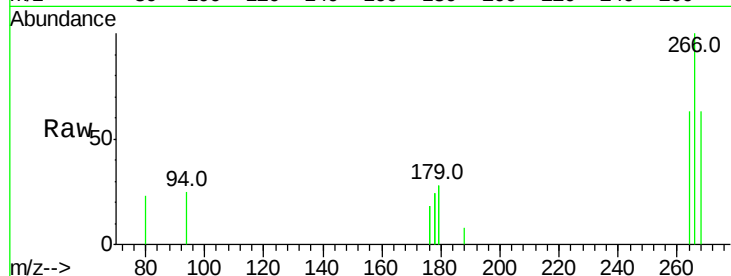
#13
 Pentachlorophenol
 Concen: 0.92 ng/ul
 RT: 15.84 min Scan# 2098
 Delta R.T. -0.01 min
 Lab File: BE091278.D
 Acq: 21 Nov 2015 15:27

Instrument :
 BNA_E
 ClientSampleId :
 A4J72MS

Tot Ion	Ratio	Lower	Upper
266	100		
264	62.0	53.5	80.3
268	62.0	54.2	81.2

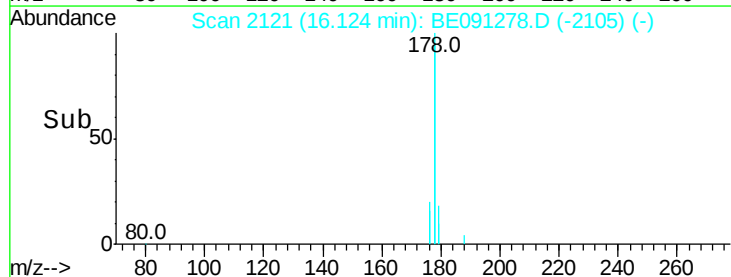
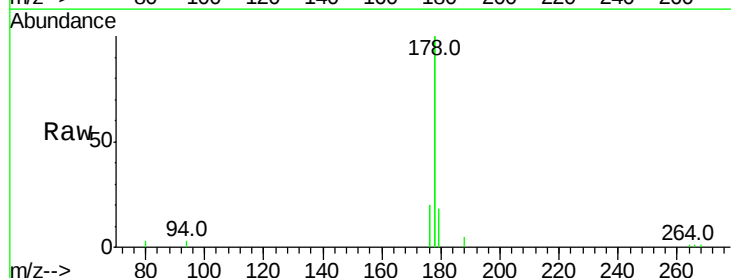
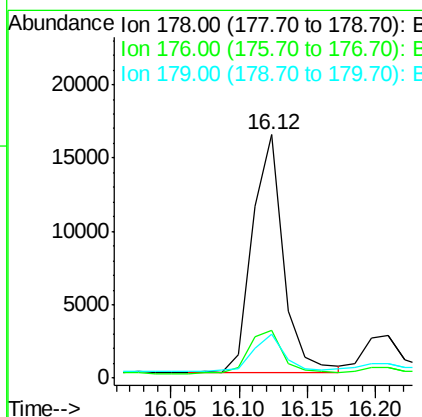
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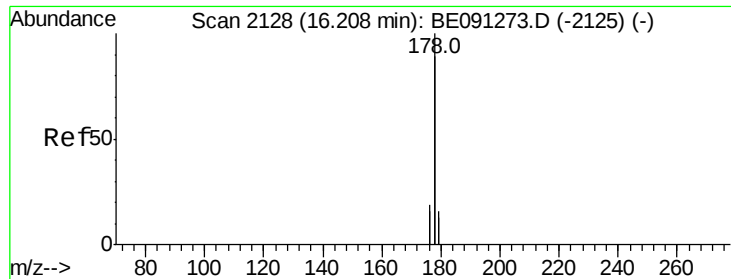
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#14
 Phenanthrene
 Concen: 0.12 ng/ul
 RT: 16.12 min Scan# 2121
 Delta R.T. -0.00 min
 Lab File: BE091278.D
 Acq: 21 Nov 2015 15:27

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.2	24.4
179	18.0	12.8	19.2





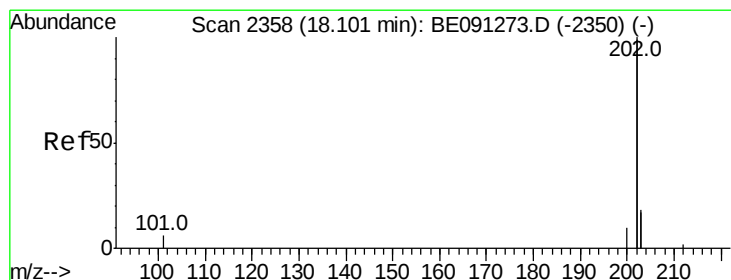
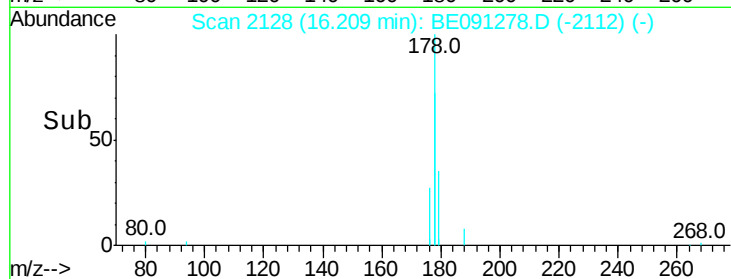
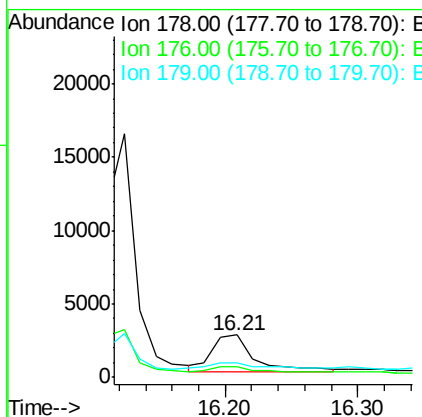
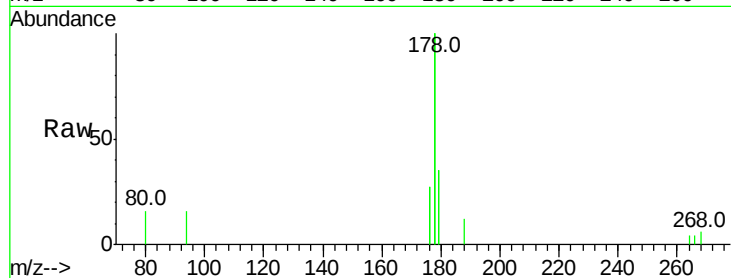
#15
 Anthracene
 Concen: 0.03 ng/ul m
 RT: 16.21 min Scan# 2128
 Delta R.T. -0.00 min
 Lab File: BE091278.D
 Acq: 21 Nov 2015 15:27

Instrument :
 BNA_E
 ClientSampleId :
 A4J72MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	26.7	15.8	23.8#
179	34.7	13.3	19.9#

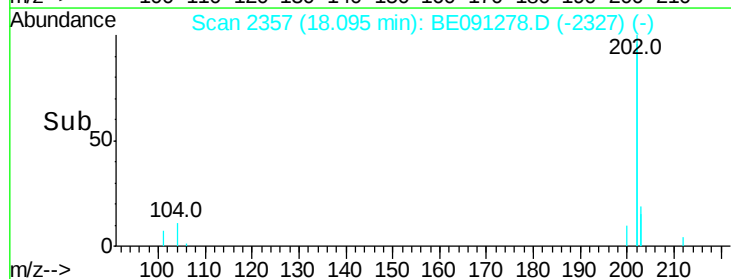
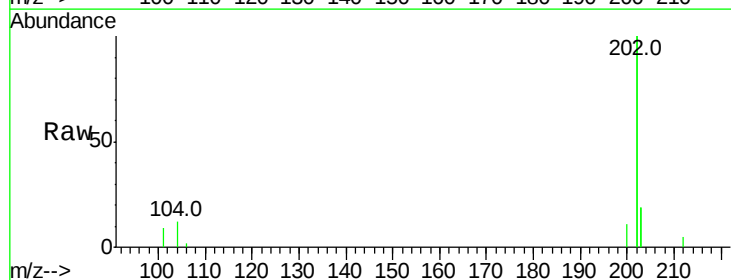
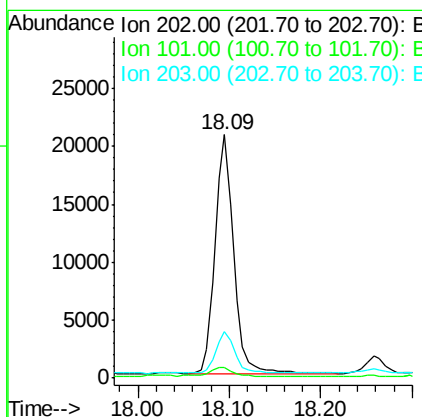
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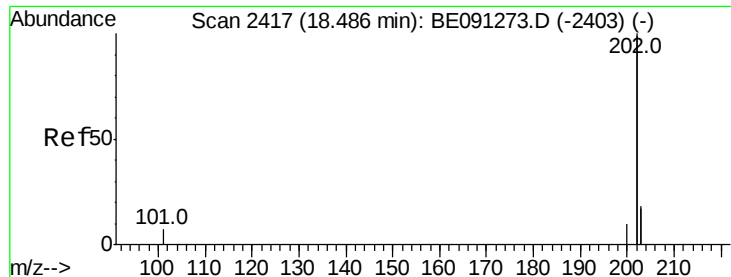
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#17
 Fluoranthene
 Concen: 0.11 ng/ul
 RT: 18.09 min Scan# 2357
 Delta R.T. -0.00 min
 Lab File: BE091278.D
 Acq: 21 Nov 2015 15:27

Tgt Ion	Ratio	Lower	Upper
202	100		
101	4.3	0.0	33.1
203	19.2	0.0	37.2





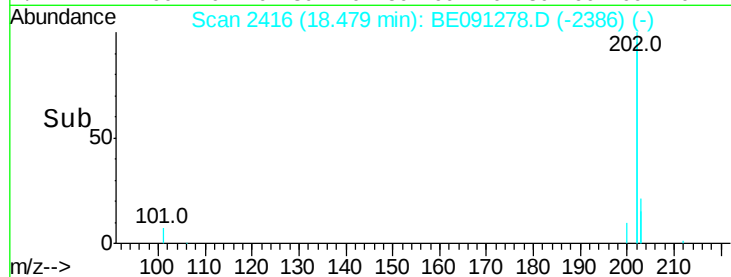
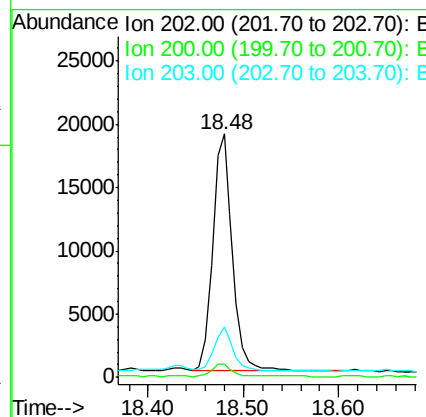
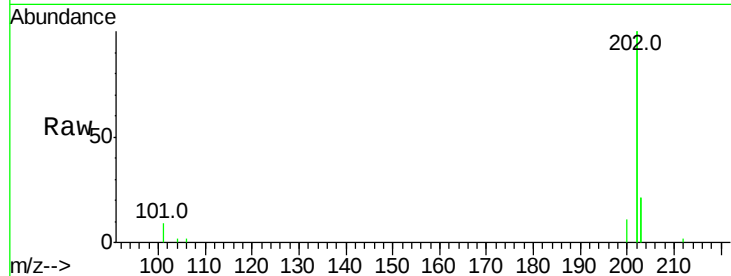
#19
Pvrene
Concen: 0.10 ng/ul
RT: 18.48 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BE091278.D
Acq: 21 Nov 2015 15:27

Instrument :
BNA_E
ClientSampleId :
A4J72MS

Tot Ion	Ratio	Lower	Upper
202	100		
200	5.5	18.0	27.0#
203	20.7	13.8	20.6#

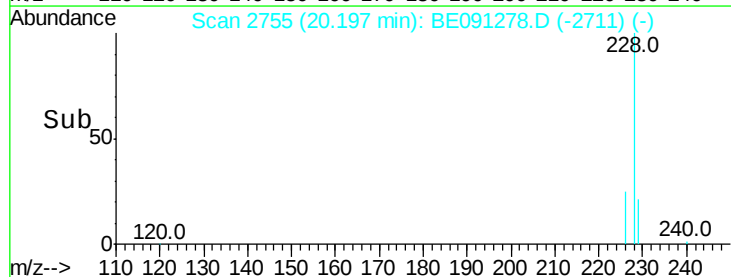
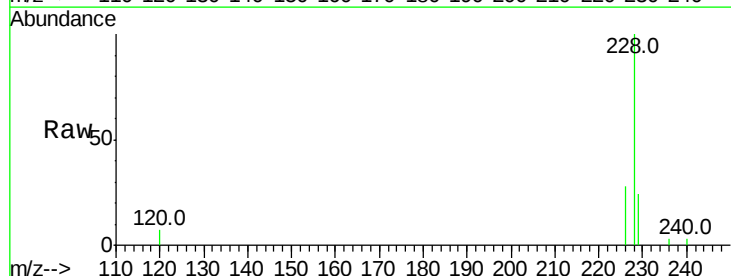
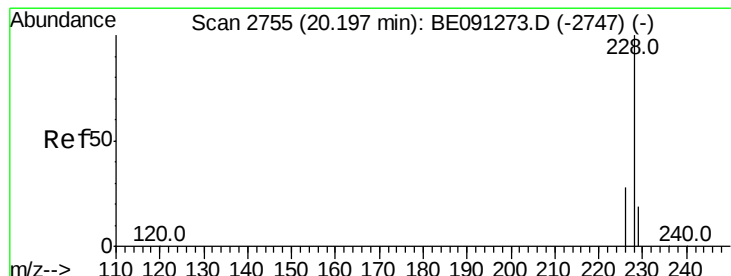
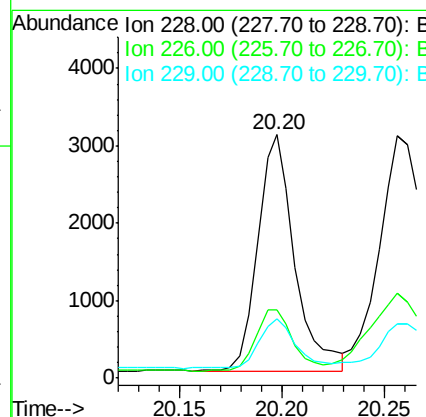
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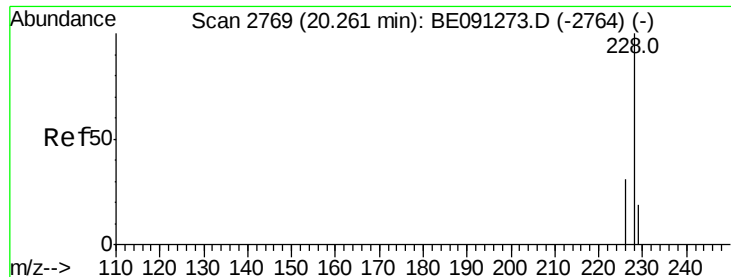
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#20
Benzo(a)anthracene
Concen: 0.06 ng/ul
RT: 20.20 min Scan# 2755
Delta R.T. -0.00 min
Lab File: BE091278.D
Acq: 21 Nov 2015 15:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	23.0	34.4
229	24.1	15.2	22.8#





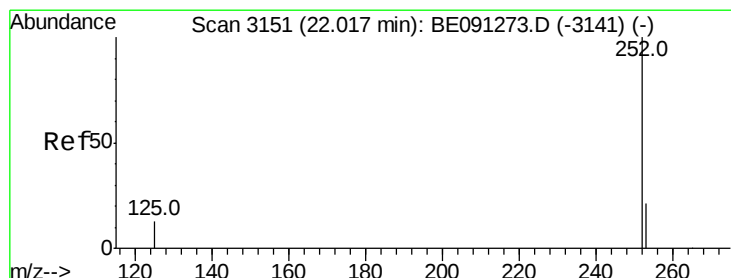
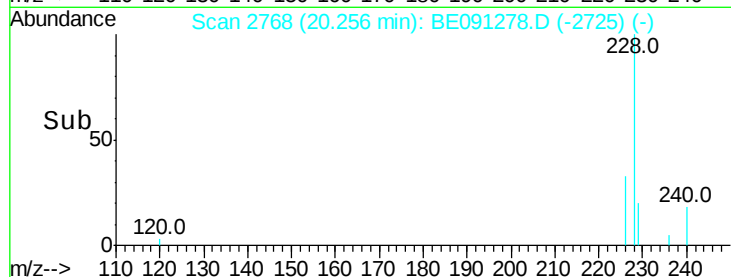
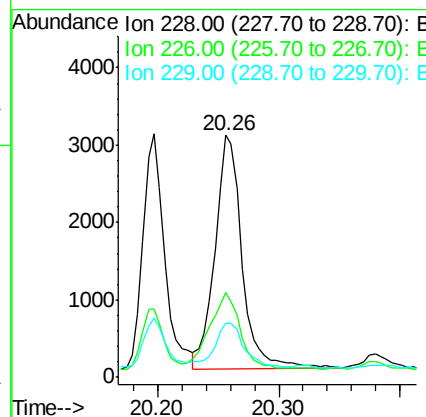
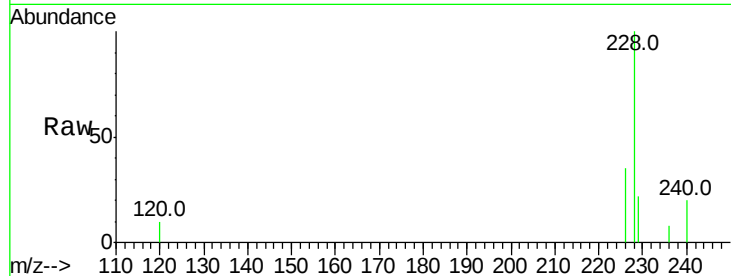
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Chrysene
Concen: 0.07 ng/ul
RT: 20.26 min Scan# 2768
Delta R.T. -0.00 min
Lab File: BE091278.D
Acq: 21 Nov 2015 15:27

Instrument :
BNA_E
ClientSampleId :
A4J72MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	35.3	25.7	38.5
229	22.2	15.2	22.8

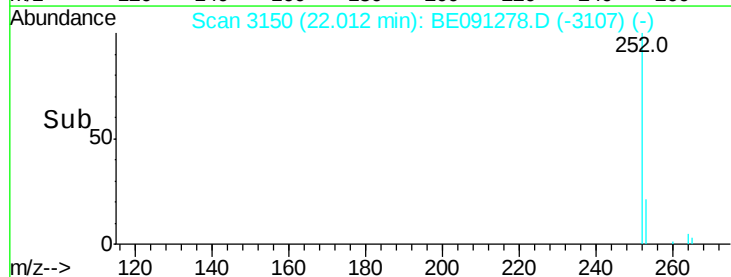
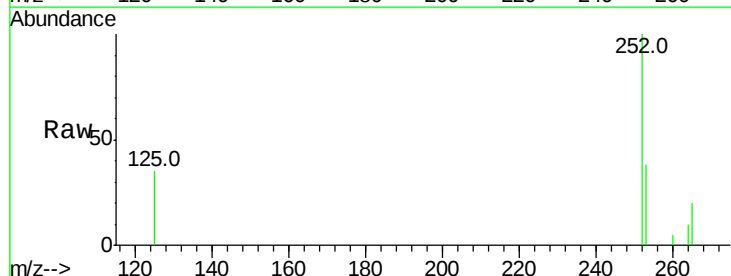
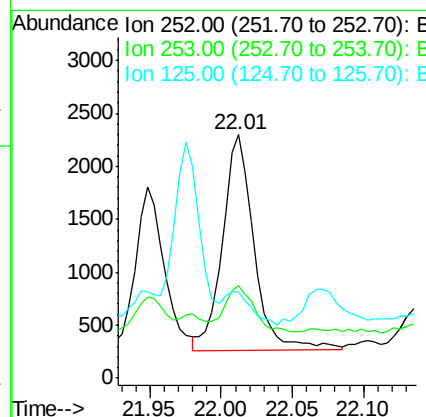
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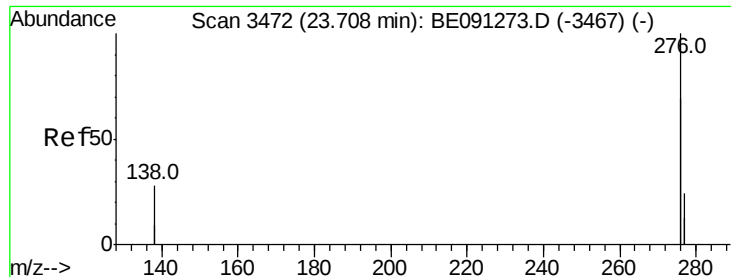
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#25
Benzo(a)pyrene
Concen: 0.05 ng/ul
RT: 22.01 min Scan# 3150
Delta R.T. -0.01 min
Lab File: BE091278.D
Acq: 21 Nov 2015 15:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	37.9	21.8	32.8#
125	35.1	14.5	21.7#





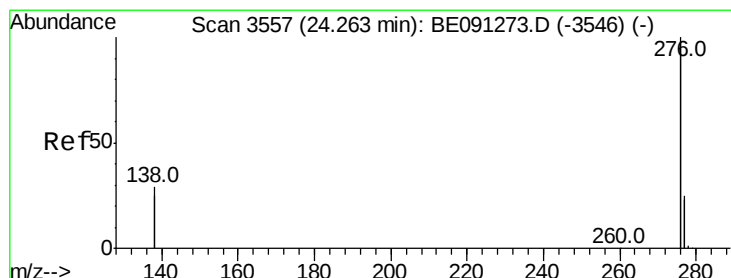
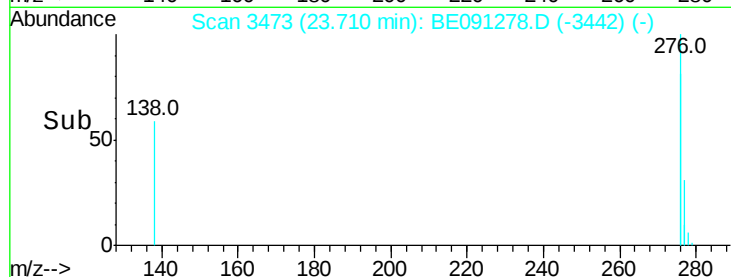
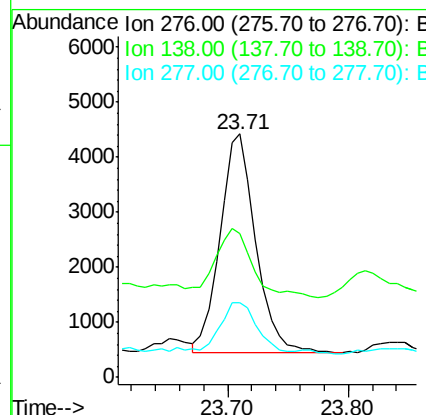
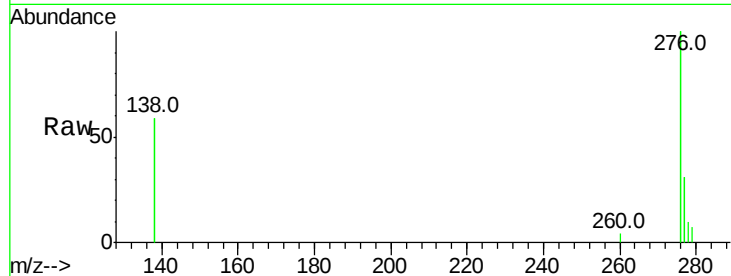
#26
 Indeno(1,2,3-cd)pyrene
 Concen: 0.03 ng/ul
 RT: 23.71 min Scan# 3473
 Delta R.T. 0.00 min
 Lab File: BE091278.D
 Acq: 21 Nov 2015 15:27

Instrument :
 BNA_E
 ClientSampleId :
 A4J72MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	39.0	27.5	41.3
277	23.5	19.3	28.9

Manual Integrations
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#28
 Benzo(g,h,i)perylene
 Concen: 0.03 ng/ul
 RT: 24.26 min Scan# 3557
 Delta R.T. 0.00 min
 Lab File: BE091278.D
 Acq: 21 Nov 2015 15:27

Tgt Ion	Ratio	Lower	Upper
276	100		
277	30.9	21.3	31.9
138	60.0	25.5	38.3

