

Data Path : Z:\HPCHEM1\BNA E\DATA\BE110515\
 Data File : BE091064.D
 Acq On : 5 Nov 2015 11:27
 Operator : UM/NP
 Sample : G4273-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AN6

Manual Integrations
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 11/6/2015 3:45:11 PM

Quant Time: Nov 06 05:56:42 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 06 05:41:57 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	4672	0.40	ng/ul	0.00
4) Naphthalene-d8	9.57	136	25326	0.40	ng/ul	0.00
8) Acenaphthene-d10	13.41	164	15566	0.40	ng/ul	0.00
12) Phenanthrene-d10	16.14	188	34133m	0.40	ng/ul	0.00
18) Chrysene-d12	20.29	240	35451	0.40	ng/ul	0.00
22) Perylene-d12	22.19	264	56638m	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	2.92	96	31567	9.39	ng/uL	-0.03
6) 2-Methylnaphthalene-d10	11.07	152	11788	0.34	ng/ul	0.00
16) Fluoranthene-d10	18.13	212	35678	0.37	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	9.62	128	59850	0.96	ng/ul	99
7) 2-Methylnaphthalene	11.14	142	55797	1.37	ng/ul	98
9) Acenaphthylene	13.14	152	45202	0.58	ng/ul	99
10) Acenaphthene	13.46	153	672472	12.63	ng/ul	92
11) Fluorene	14.45	166	682038	9.97	ng/ul	89
14) Phenanthrene	16.17	178	9287962m	23.56	ng/ul	
15) Anthracene	16.26	178	3678916	10.26	ng/ul	95
17) Fluoranthene	18.16	202	10127182m	21.95	ng/ul	
19) Pyrene	18.54	202	7214576	17.91	ng/ul#	77
20) Benzo(a)anthracene	20.26	228	776665	8.53	ng/ul	98
21) Chrysene	20.32	228	674837	6.44	ng/ul	98
23) Benzo(b)fluoranthene	21.63	252	451178	2.55	ng/ul	93
24) Benzo(k)fluoranthene	21.66	252	446743m	2.46	ng/ul	
25) Benzo(a)pyrene	22.10	252	517005m	3.17	ng/ul	
26) Indeno(1,2,3-cd)pyrene	23.84	276	989488m	1.44	ng/ul	
27) Dibenzo(a,h)anthracene	23.79	278	73246m	0.45	ng/ul	
28) Benzo(g,h,i)perylene	24.40	276	888032m	1.23	ng/ul	

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

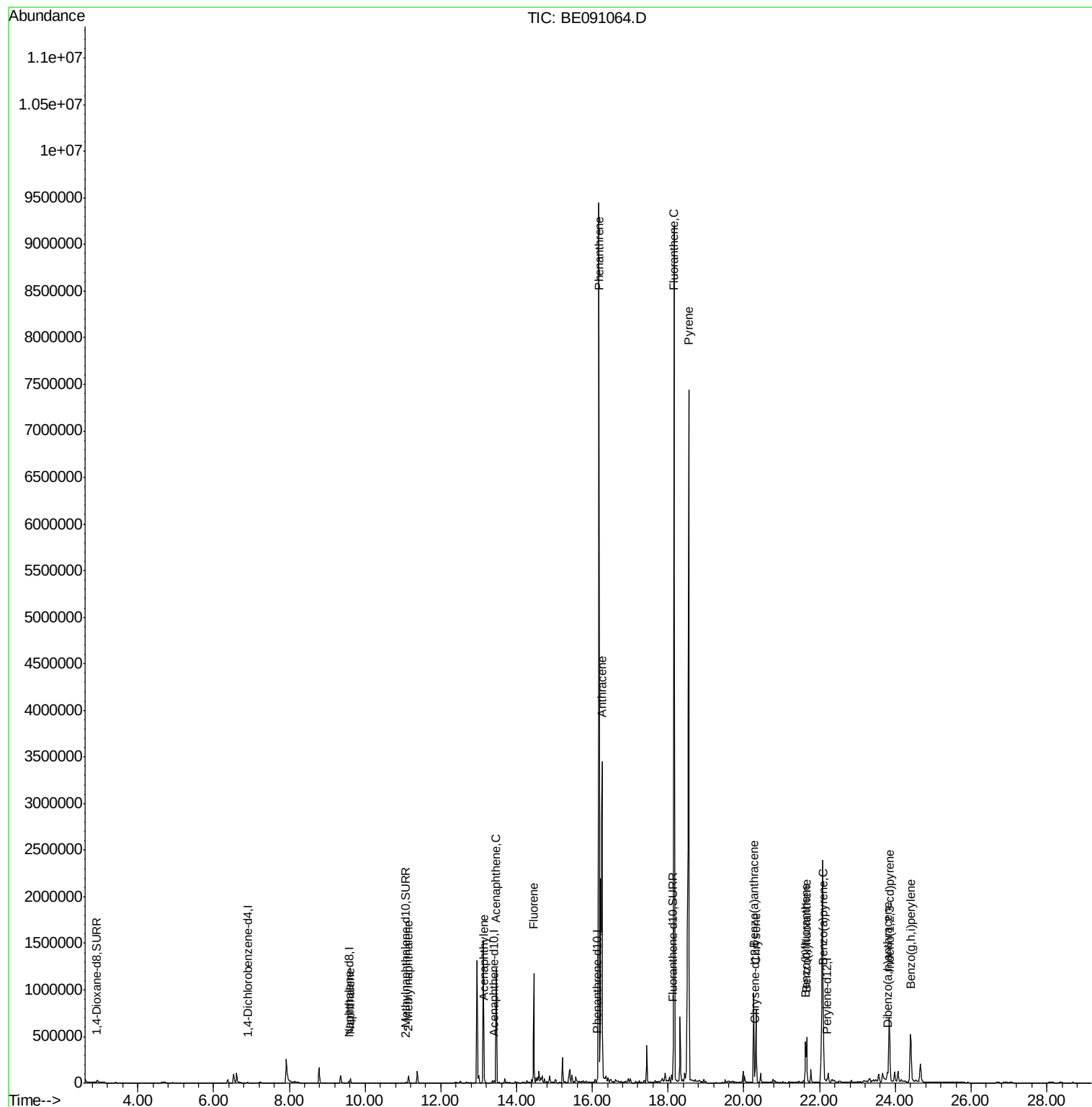
Data Path : Z:\HPCHEM1\BNA E\DATA\BE110515\
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ALS Vial : 4 Sample Multiplier: 1

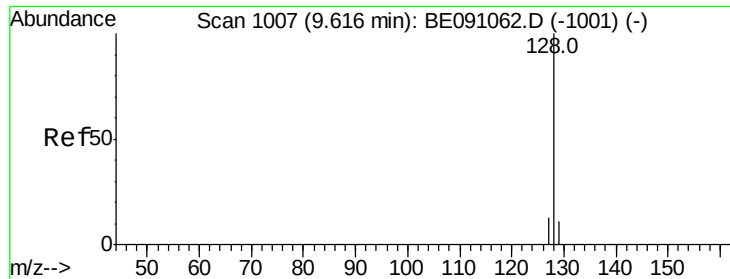
Instrument :
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Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM02.2-EPA-SIM-BE102715.M
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QLast Update : Fri Nov 06 05:41:57 2015
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#5

Naphthalene

Concen: 0.96 ng/ul

RT: 9.62 min Scan# 1007

Delta R.T. -0.00 min

Lab File: BE091064.D

Acq: 5 Nov 2015 11:27

Instrument :

BNA_E

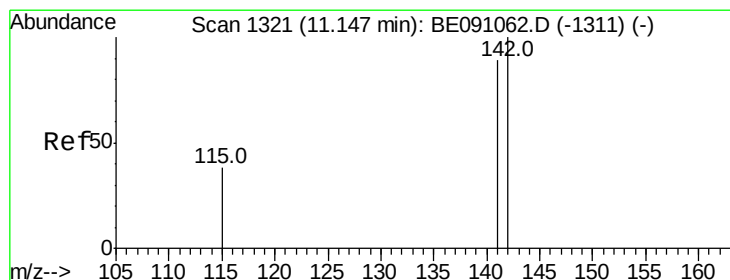
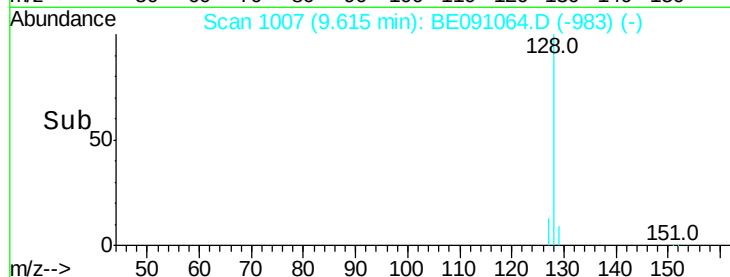
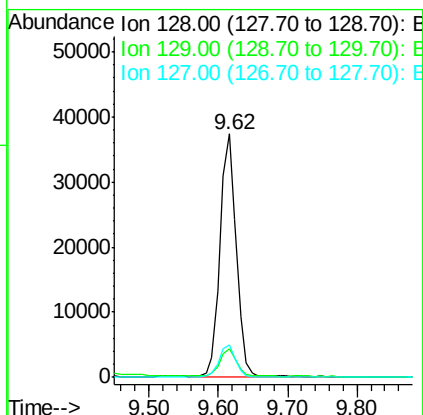
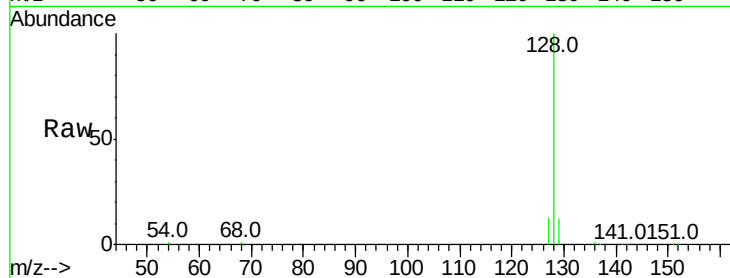
ClientSampleId :

C0AN6

Tot Ion:	128	Resp:	59850
Ion Ratio	Lower	Upper	
128	100		
129	11.6	9.8	14.8
127	13.1	10.7	16.1

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#7

2-Methylnaphthalene

Concen: 1.37 ng/ul

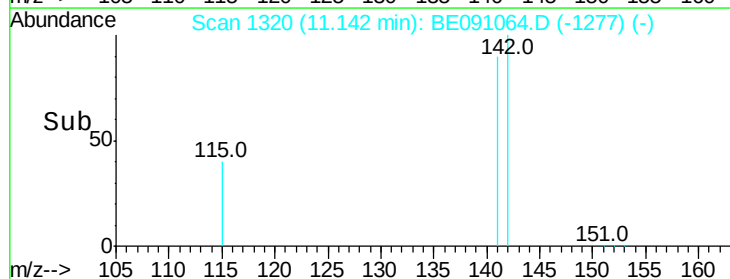
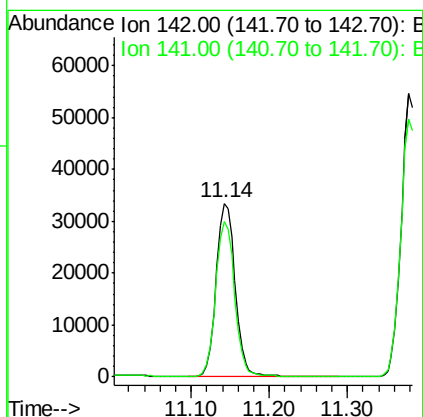
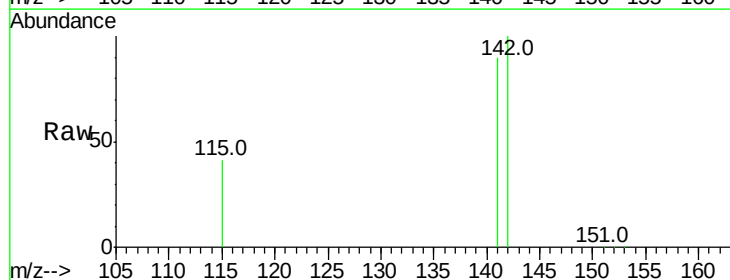
RT: 11.14 min Scan# 1320

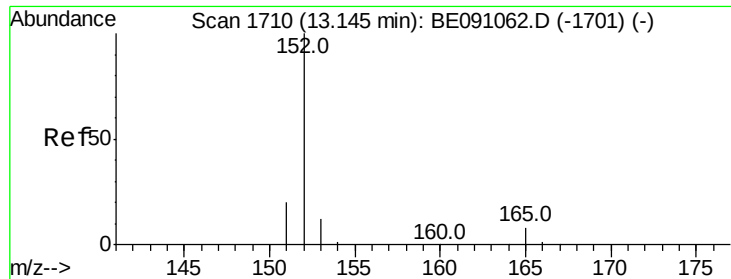
Delta R.T. -0.00 min

Lab File: BE091064.D

Acq: 5 Nov 2015 11:27

Tgt Ion:	142	Resp:	55797
Ion Ratio	Lower	Upper	
142	100		
141	89.5	70.3	105.5





#9

Acenaphthylene

Concen: 0.58 ng/ul

RT: 13.14 min Scan# 1710

Delta R.T. -0.00 min

Lab File: BE091064.D

Acq: 5 Nov 2015 11:27

Instrument :

BNA_E

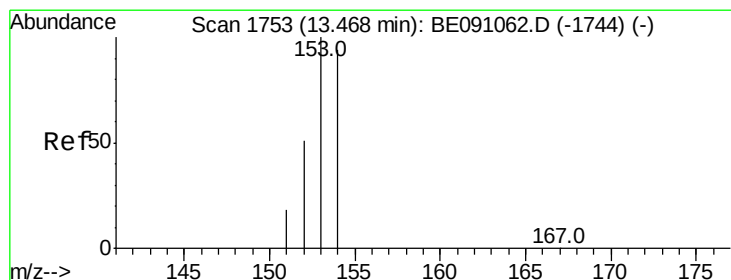
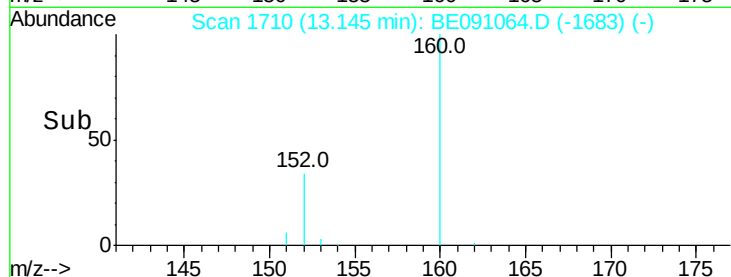
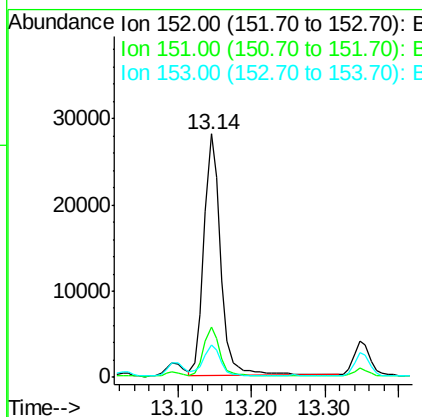
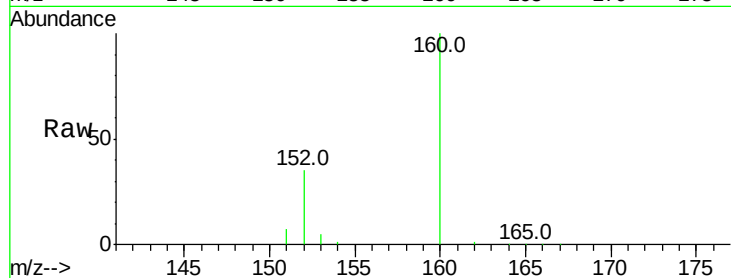
ClientSampleId :

C0AN6

Tot Ion:	152	Resp:	45202
Ion Ratio	Lower	Upper	
152	100		
151	20.7	16.8	25.2
153	13.4	11.3	16.9

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#10

Acenaphthene

Concen: 12.63 ng/ul

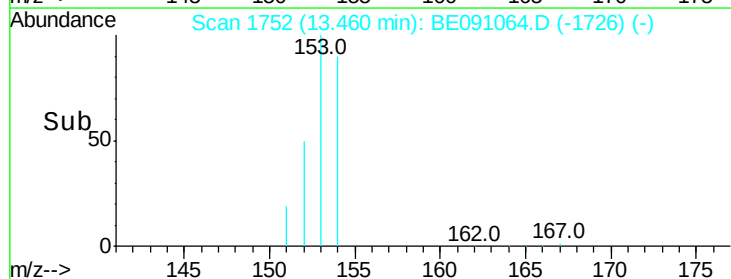
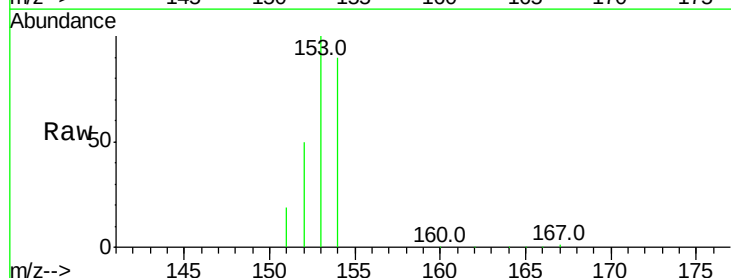
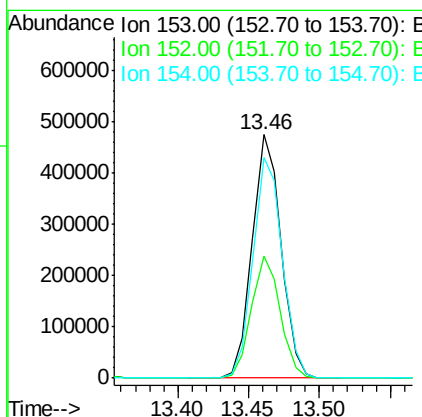
RT: 13.46 min Scan# 1752

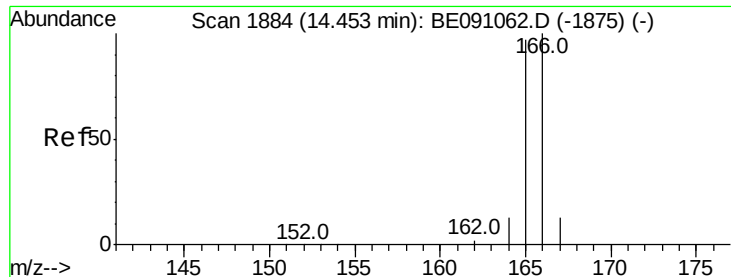
Delta R.T. -0.01 min

Lab File: BE091064.D

Acq: 5 Nov 2015 11:27

Tgt Ion:	153	Resp:	672472
Ion Ratio	Lower	Upper	
153	100		
152	50.3	42.3	63.5
154	90.5	64.7	97.1





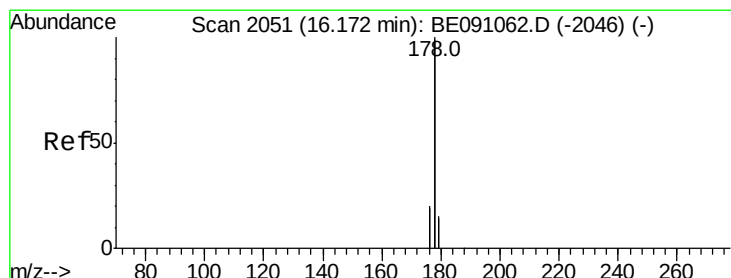
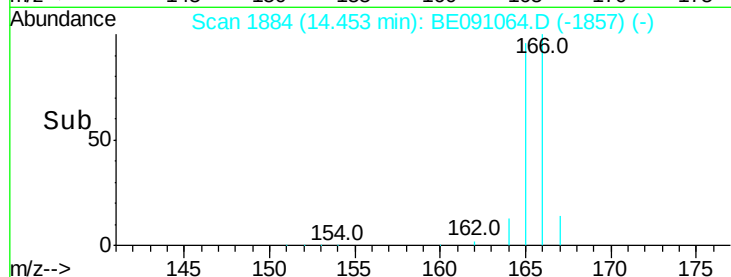
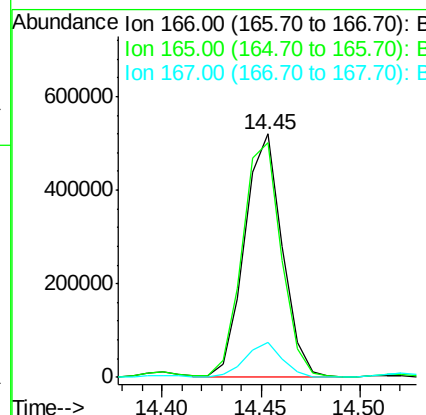
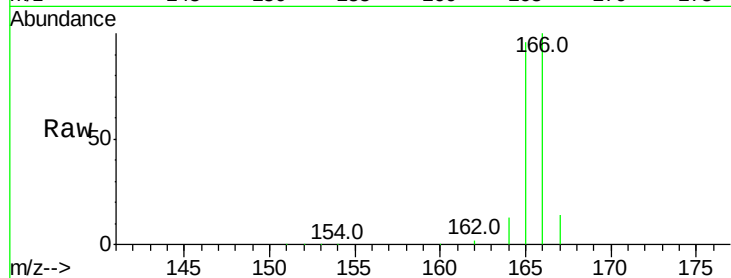
#11
Fluorene
Concen: 9.97 ng/ul
RT: 14.45 min Scan# 1884
Delta R.T. -0.00 min
Lab File: BE091064.D
Acq: 5 Nov 2015 11:27

Instrument :
BNA_E
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
166	100		
165	96.1	87.6	131.4
167	14.1	11.1	16.7

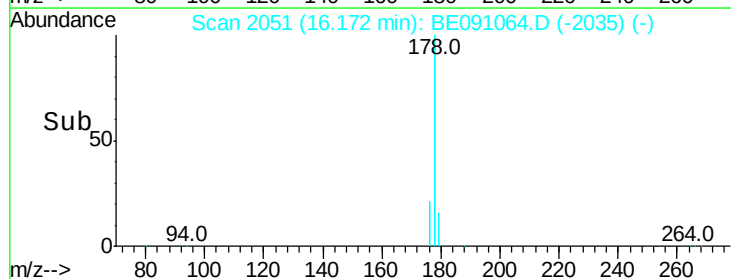
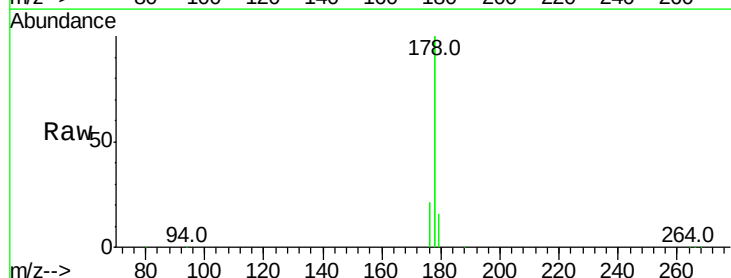
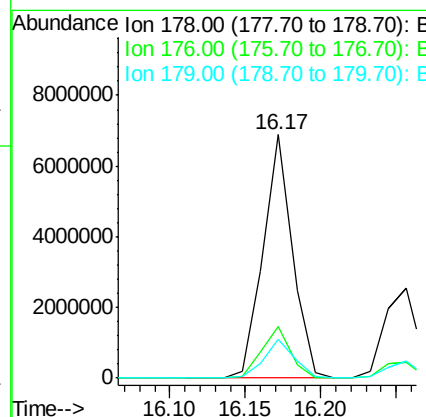
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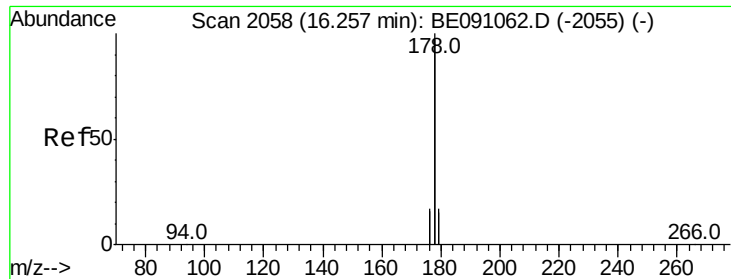
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#14
Phenanthrene
Concen: 23.56 ng/ul m
RT: 16.17 min Scan# 2051
Delta R.T. -0.00 min
Lab File: BE091064.D
Acq: 5 Nov 2015 11:27

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.1	16.2	24.4
179	16.0	12.8	19.2





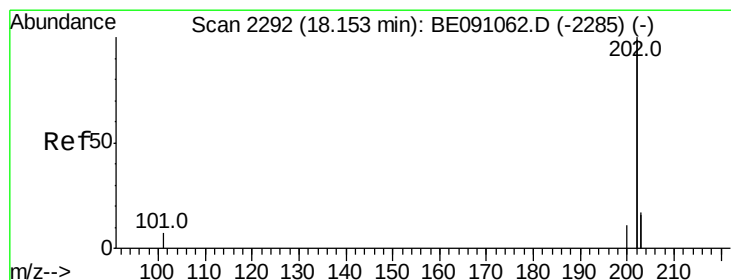
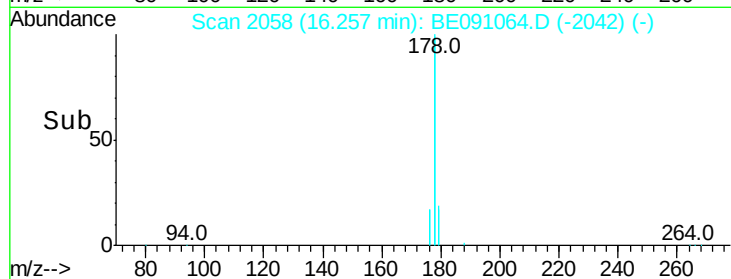
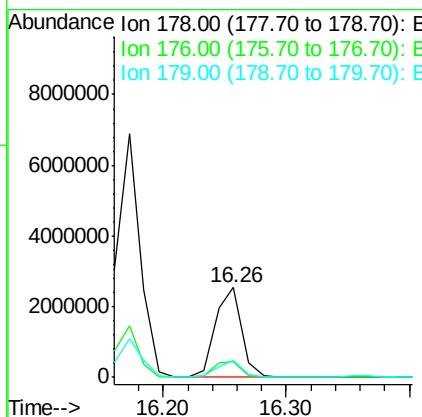
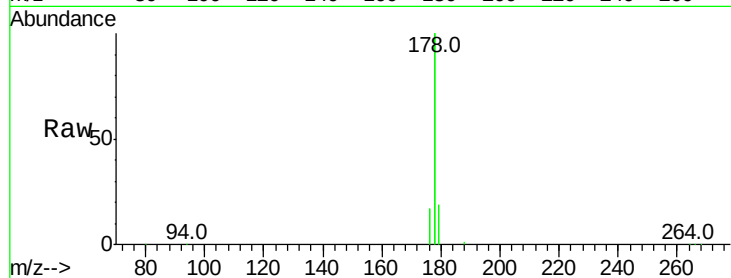
#15
 Anthracene
 Concen: 10.26 ng/ul
 RT: 16.26 min Scan# 2058
 Delta R.T. -0.00 min
 Lab File: BE091064.D
 Acq: 5 Nov 2015 11:27

Instrument :
 BNA_E
 ClientSampleId :
 C0AN6

Tot Ion:178 Resp: 3678916
 Ion Ratio Lower Upper
 178 100
 176 17.3 15.8 23.8
 179 18.6 13.3 19.9

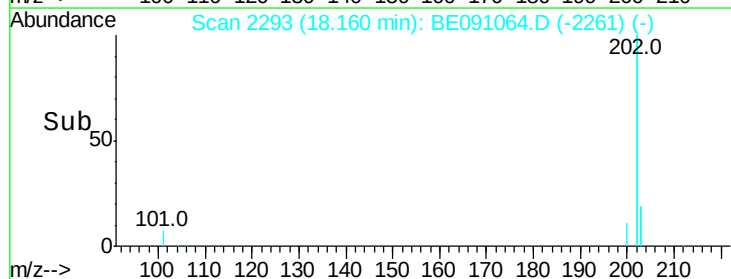
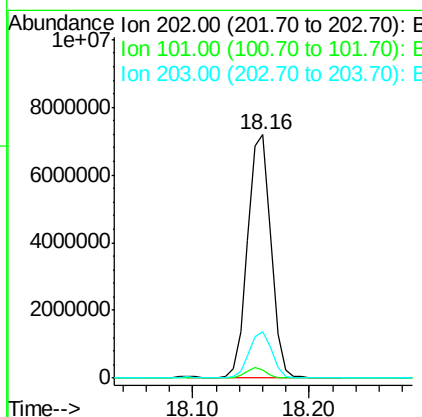
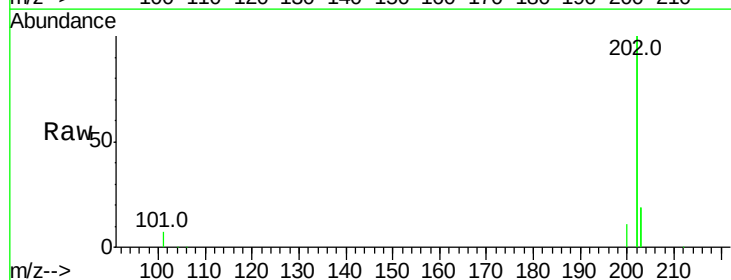
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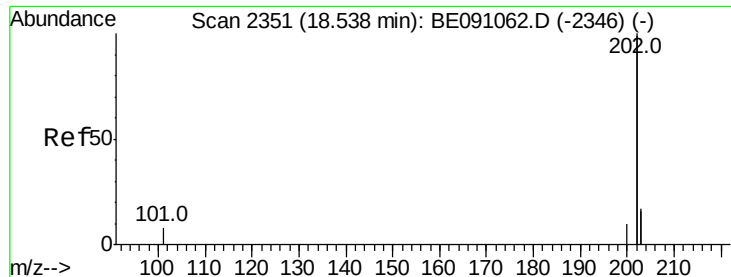
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#17
 Fluoranthene
 Concen: 21.95 ng/ul m
 RT: 18.16 min Scan# 2293
 Delta R.T. 0.01 min
 Lab File: BE091064.D
 Acq: 5 Nov 2015 11:27

Tgt Ion:202 Resp:10127182
 Ion Ratio Lower Upper
 202 100
 101 6.6 0.0 33.1
 203 19.2 0.0 37.2





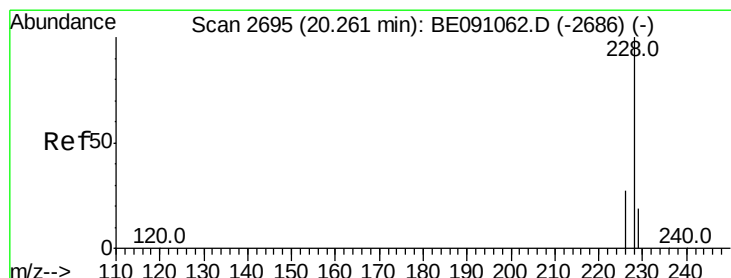
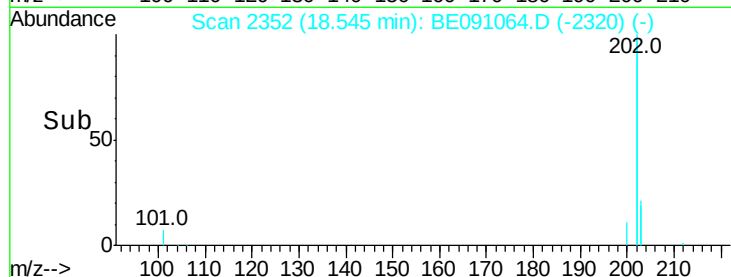
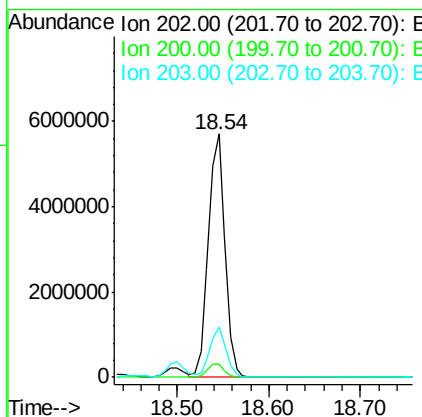
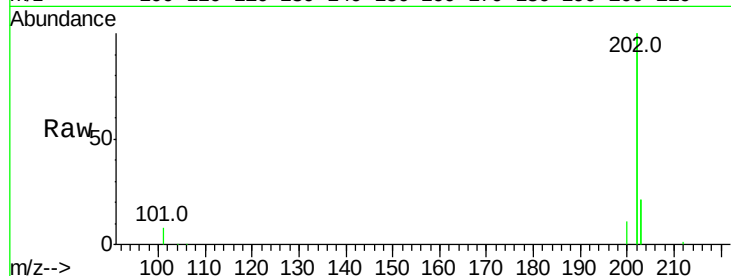
#19
Pvrene
Concen: 17.91 ng/ul
RT: 18.54 min Scan# 2352
Delta R.T. 0.01 min
Lab File: BE091064.D
Acq: 5 Nov 2015 11:27

Instrument :
BNA_E
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
202	100		
200	5.5	18.0	27.0#
203	20.6	13.8	20.6

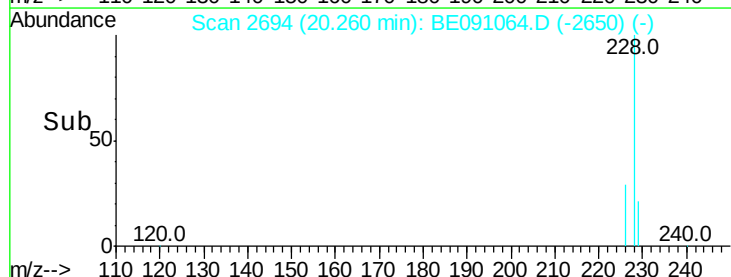
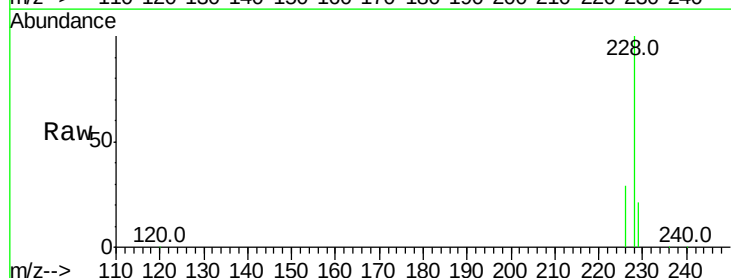
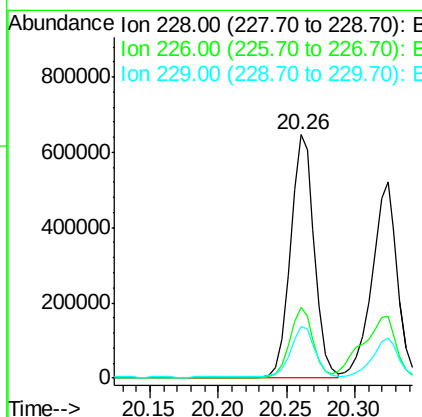
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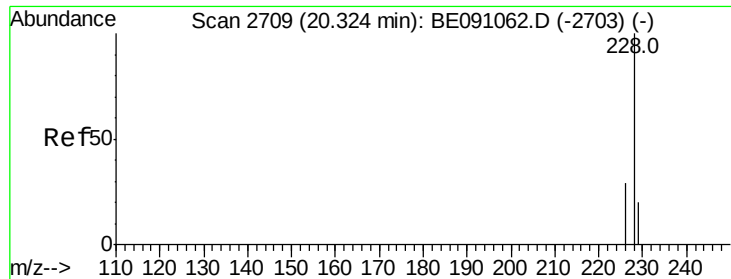
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#20
Benzo(a)anthracene
Concen: 8.53 ng/ul
RT: 20.26 min Scan# 2694
Delta R.T. -0.00 min
Lab File: BE091064.D
Acq: 5 Nov 2015 11:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.0	34.4
229	21.1	15.2	22.8





#21

Chrysene

Concen: 6.44 ng/ul

RT: 20.32 min Scan# 2708

Delta R.T. -0.00 min

Lab File: BE091064.D

Acq: 5 Nov 2015 11:27

Instrument :

BNA_E

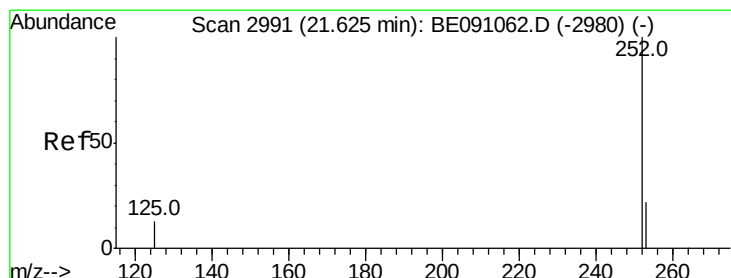
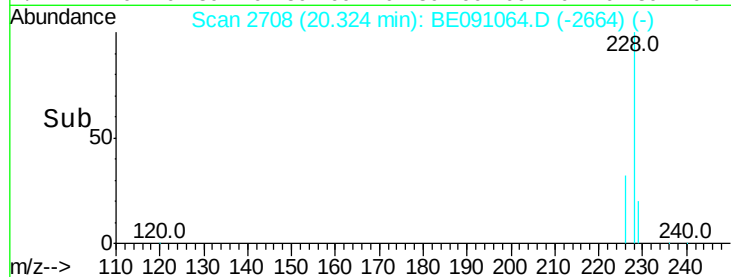
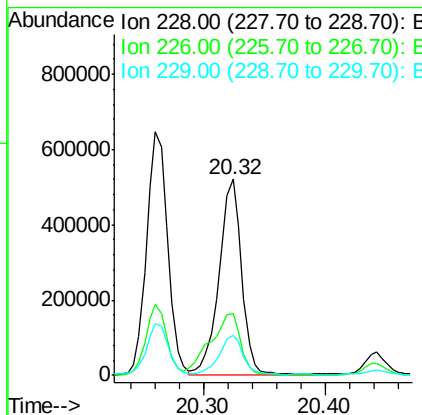
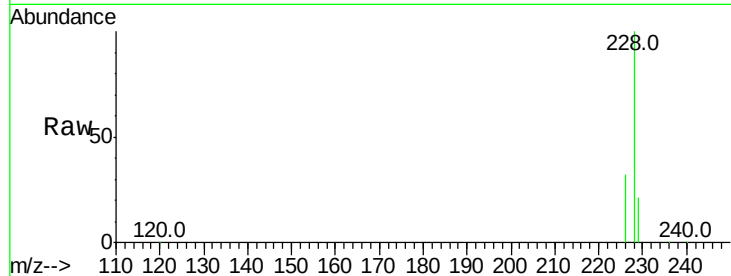
ClientSampleId :

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Tot Ion:	228	Resp:	674837
Ion Ratio	Lower	Upper	
228	100		
226	31.9	25.7	38.5
229	20.7	15.2	22.8

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#23

Benzo(b)fluoranthene

Concen: 2.55 ng/ul

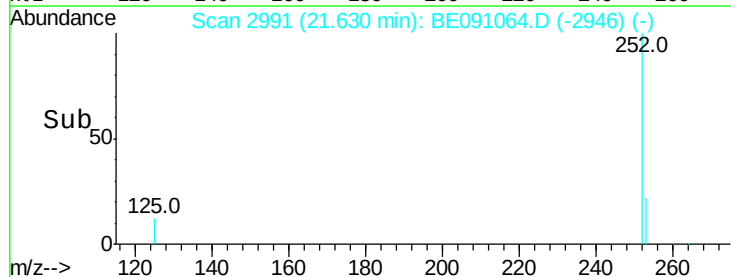
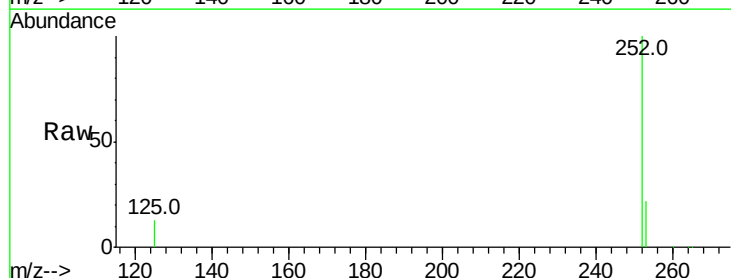
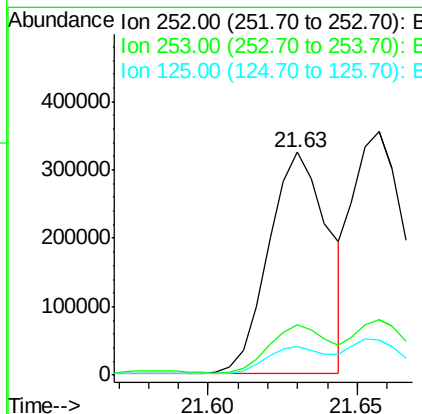
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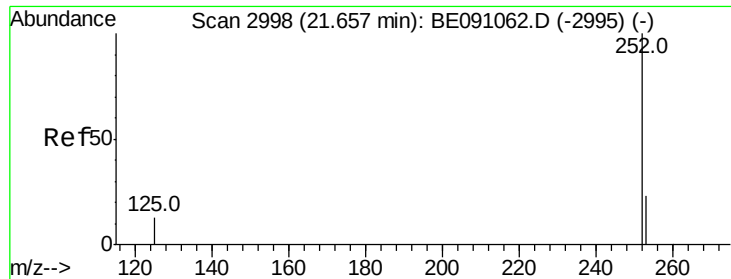
Delta R.T. 0.00 min

Lab File: BE091064.D

Acq: 5 Nov 2015 11:27

Tgt Ion:	252	Resp:	451178
Ion Ratio	Lower	Upper	
252	100		
253	22.5	0.0	48.0
125	13.1	0.0	36.6





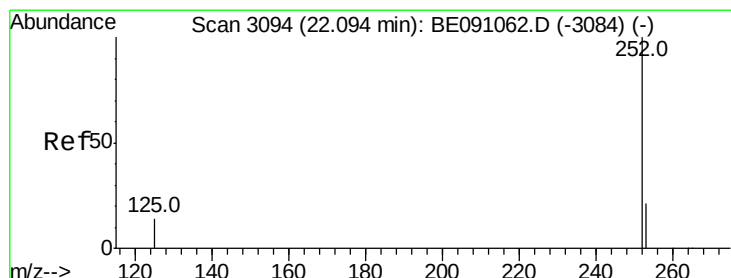
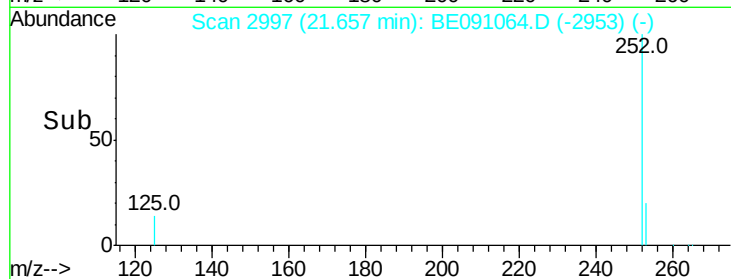
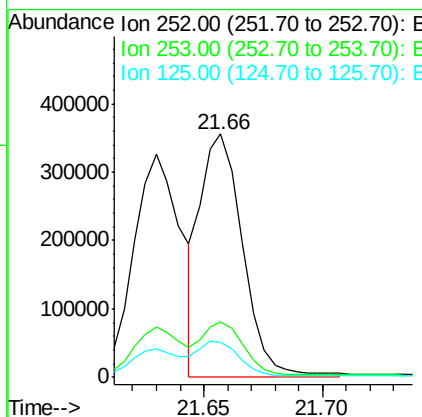
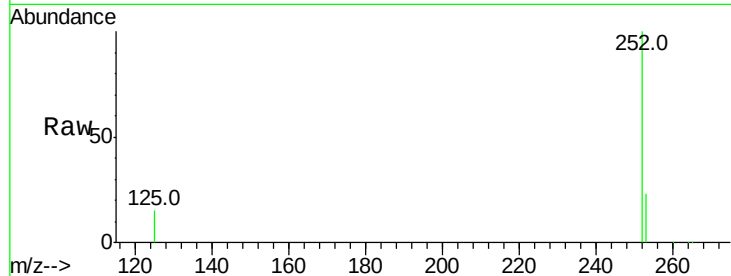
#24
Benzo(k)fluoranthene
Concen: 2.46 ng/ul m
RT: 21.66 min Scan# 2997
Delta R.T. 0.00 min
Lab File: BE091064.D
Acq: 5 Nov 2015 11:27

Instrument :
BNA_E
ClientSampleId :
C0AN6

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	20.8	31.2
125	14.5	12.2	18.4

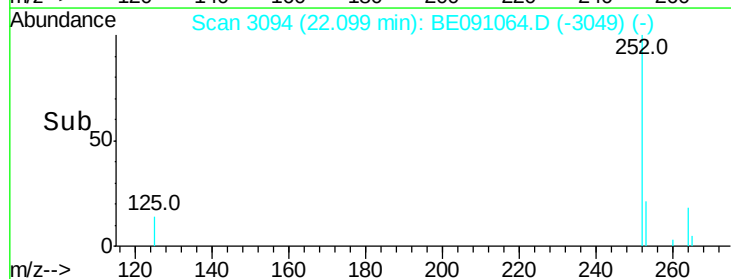
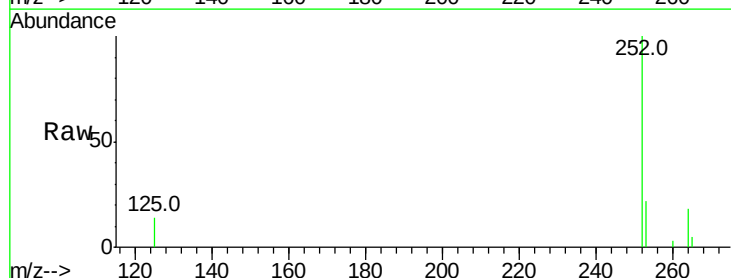
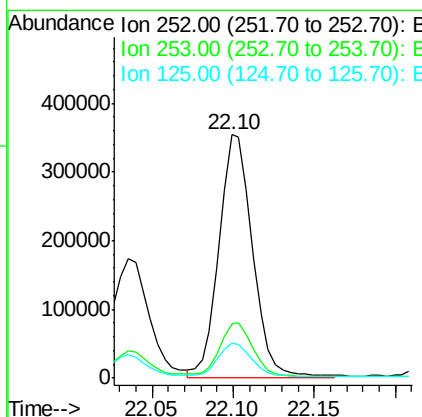
Manual Integrations
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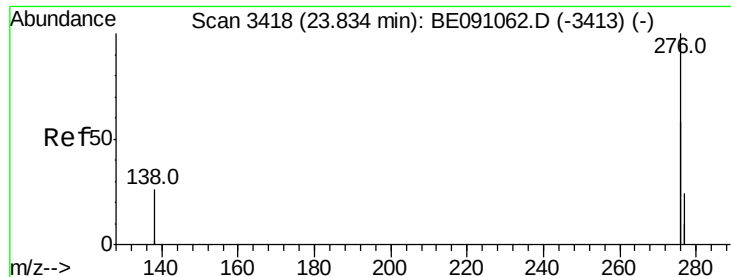
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#25
Benzo(a)pyrene
Concen: 3.17 ng/ul m
RT: 22.10 min Scan# 3094
Delta R.T. 0.00 min
Lab File: BE091064.D
Acq: 5 Nov 2015 11:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	21.8	32.8
125	14.4	14.5	21.7#





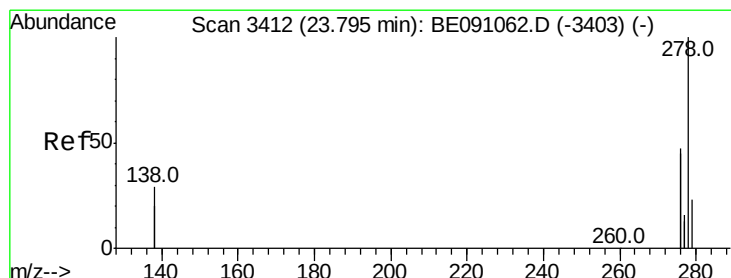
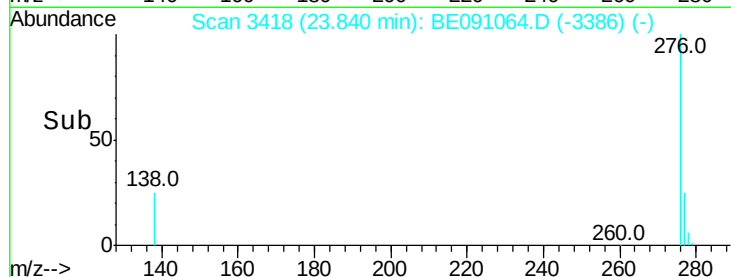
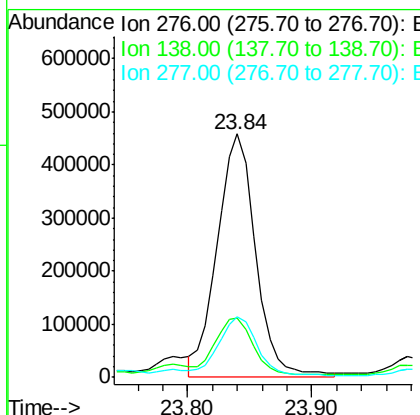
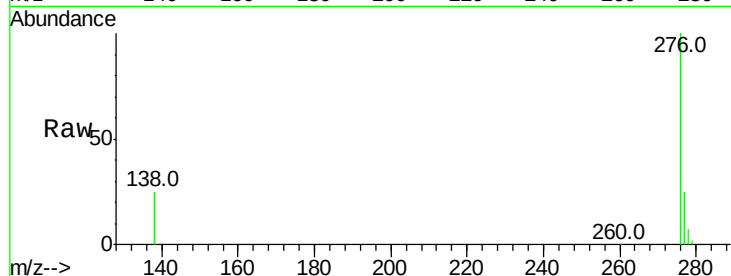
#26
 Indeno(1,2,3-cd)pyrene
 Concen: 1.44 ng/ul m
 RT: 23.84 min Scan# 3418
 Delta R.T. 0.01 min
 Lab File: BE091064.D
 Acq: 5 Nov 2015 11:27

Instrument :
 BNA_E
 ClientSampleId :
 C0AN6

Tot Ion	Ratio	Resp	Lower	Upper
276	100			
138	5.3	27.5	41.3#	
277	5.1	19.3	28.9#	

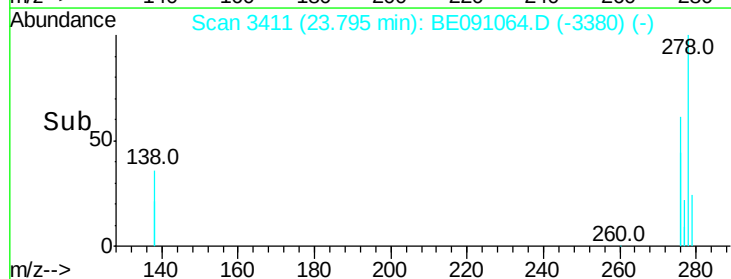
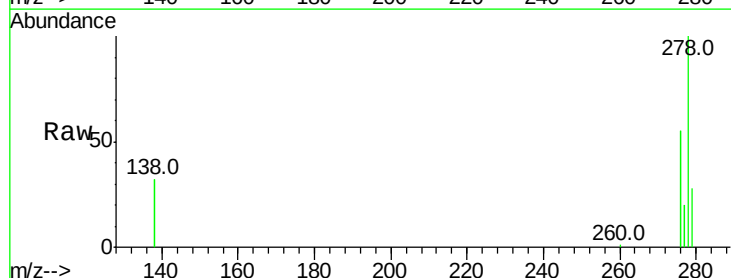
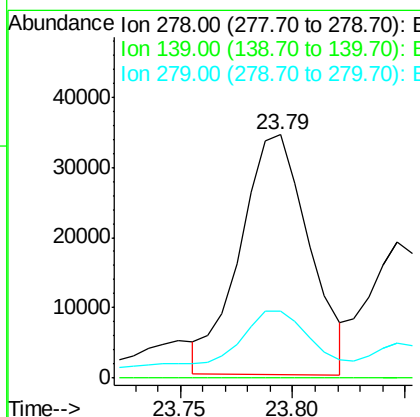
Manual Integrations
 APPROVED

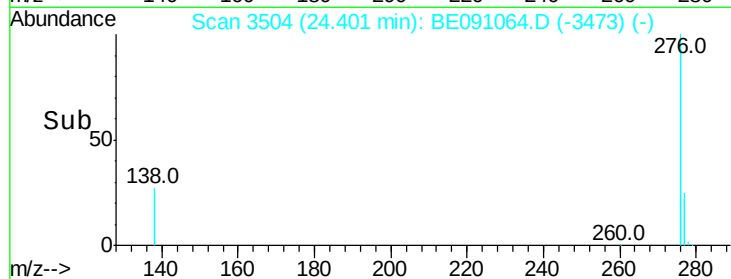
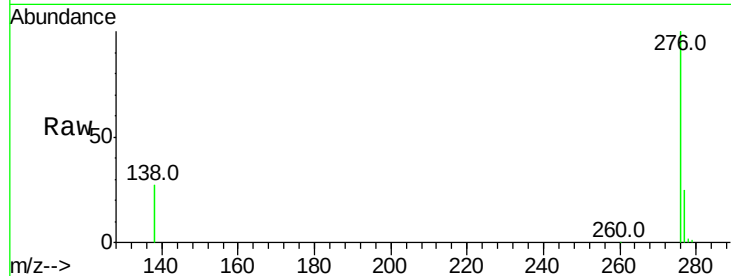
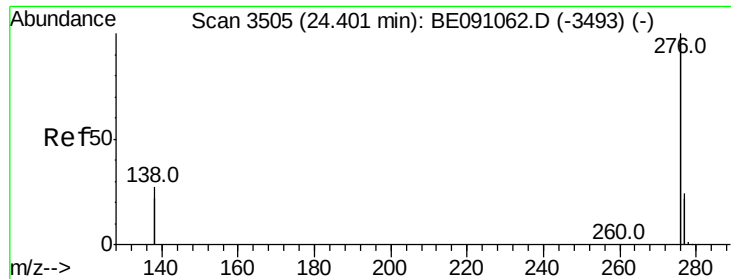
Mmdadoda
 11/6/2015 3:45:11 PM



#27
 Dibenzo(a,h)anthracene
 Concen: 0.45 ng/ul m
 RT: 23.79 min Scan# 3411
 Delta R.T. -0.00 min
 Lab File: BE091064.D
 Acq: 5 Nov 2015 11:27

Tgt Ion	Ratio	Resp	Lower	Upper
278	100			
139	0.0	21.7	32.5#	
279	27.6	21.9	32.9	





#28

Benzo(a,h,i)perylene

Concen: 1.23 ng/ul m

RT: 24.40 min Scan# 3504

Delta R.T. -0.00 min

Lab File: BE091064.D

Acq: 5 Nov 2015 11:27

Tot Ion:	276	Resp:	888032
Ion Ratio	Lower	Upper	
276	100		
277	24.7	21.3	31.9
138	26.5	25.5	38.3

Instrument :

BNA_E

ClientSampleId :

C0AN6

Manual Integrations
APPROVED

Mmdadoda
11/6/2015 3:45:11 PM

