

Data Path : Z:\HPCHEM1\BNA E\DATA\BE112215\
 Data File : BE091286.D
 Acq On : 21 Nov 2015 21:07
 Operator : UM/NP
 Sample : G4345-22
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A4J67

Manual Integrations
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Mmdadoda
 11/23/2015 2:14:32 PM

Quant Time: Nov 22 02:23:14 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 : Sun Nov 22 01:59:17 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	2730	0.40	ng/ul	-0.02
4) Naphthalene-d8	9.54	136	13370	0.40	ng/ul	-0.02
8) Acenaphthene-d10	13.36	164	7964	0.40	ng/ul	0.00
12) Phenanthrene-d10	16.07	188	19450	0.40	ng/ul	-0.01
18) Chrysene-d12	20.22	240	23633	0.40	ng/ul	0.00
22) Perylene-d12	22.10	264	24339	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	2.93	96	14808	7.54	ng/uL	-0.03
6) 2-Methylnaphthalene-d10	11.05	152	3441	0.19	ng/ul	0.00
16) Fluoranthene-d10	18.06	212	7838	0.14	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	9.58	128	22155	0.67	ng/ul	99
7) 2-Methylnaphthalene	11.12	142	14081	0.66	ng/ul	98
9) Acenaphthylene	13.10	152	11420	0.29	ng/ul	99
10) Acenaphthene	13.42	153	27768	1.02	ng/ul	92
11) Fluorene	14.40	166	41309	1.18	ng/ul	91
13) Pentachlorophenol	15.84	266	1797	0.97	ng/ul	98
14) Phenanthrene	16.11	178	2970797	13.23	ng/ul	99
15) Anthracene	16.20	178	683442m	3.35	ng/ul	
17) Fluoranthene	18.09	202	3696676	14.06	ng/ul	89
19) Pyrene	18.47	202	3074987	11.45	ng/ul#	79
20) Benzo(a)anthracene	20.19	228	391893m	6.46	ng/ul	
21) Chrysene	20.26	228	412074	5.89	ng/ul	97
23) Benzo(b)fluoranthene	21.55	252	347340	4.57	ng/ul	95
24) Benzo(k)fluoranthene	21.57	252	271475	3.48	ng/ul	95
25) Benzo(a)pyrene	22.01	252	326128	4.66	ng/ul	92
26) Indeno(1,2,3-cd)pyrene	23.70	276	851561	2.89	ng/ul#	91
28) Benzo(g,h,i)perylene	24.26	276	785185	2.54	ng/ul	95

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

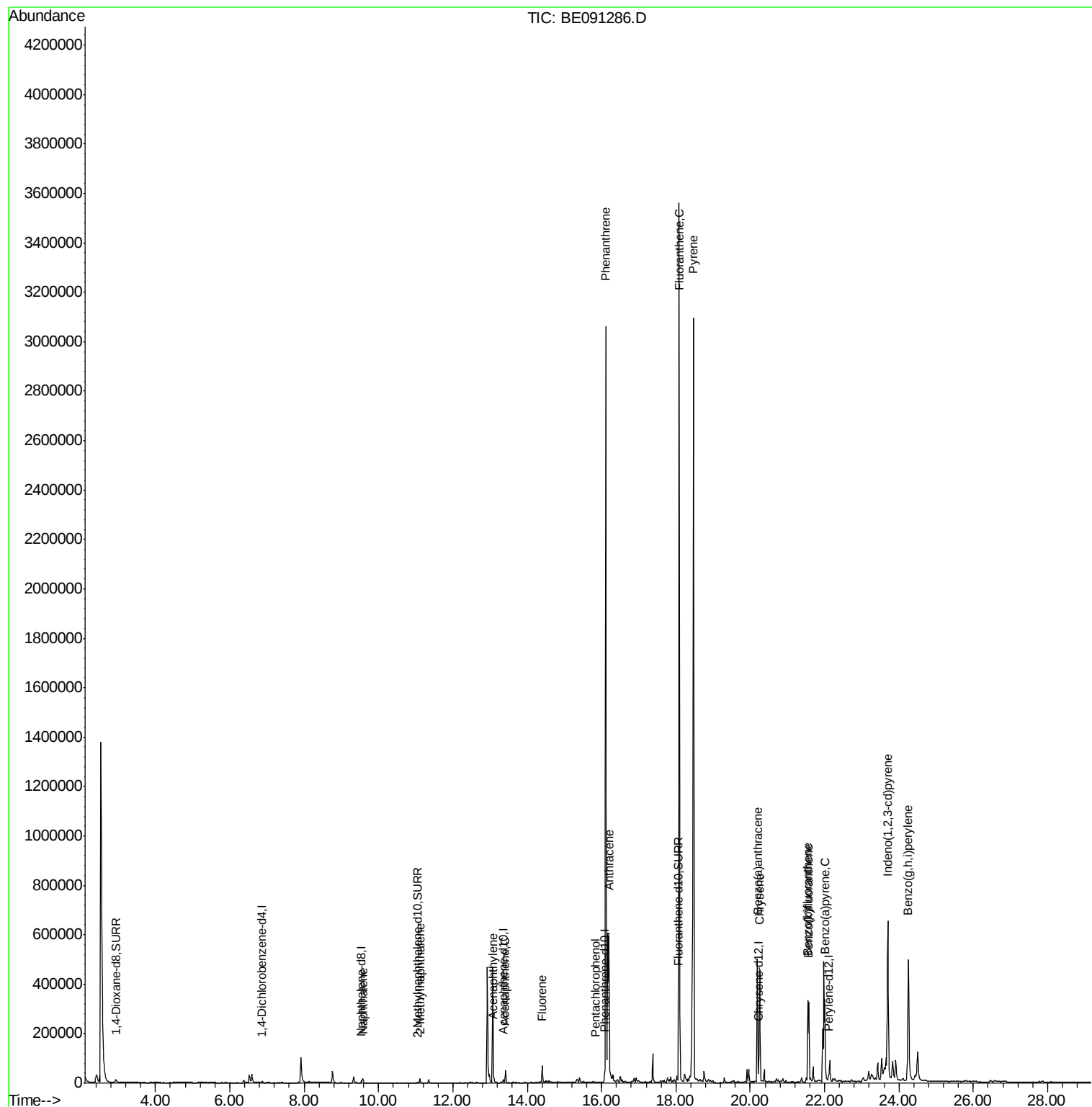
Data Path : Z:\HPCHEM1\BNA E\DATA\BE112215\
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ALS Vial : 17 Sample Multiplier: 1

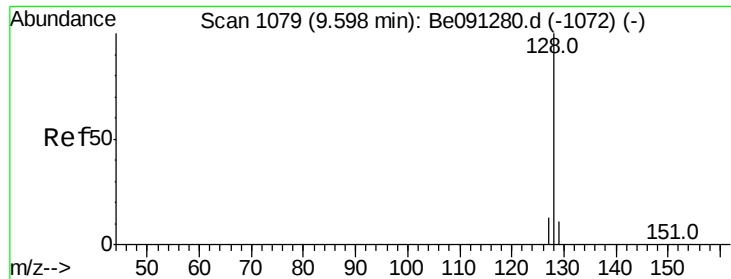
Instrument :
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Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM02.2-EPA-SIM-BE102715.M
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QLast Update : Sun Nov 22 01:59:17 2015
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#5

Naphthalene

Concen: 0.67 ng/ul

RT: 9.58 min Scan# 1077

Delta R.T. -0.02 min

Lab File: BE091286.D

Acq: 21 Nov 2015 21:07

Instrument :

BNA_E

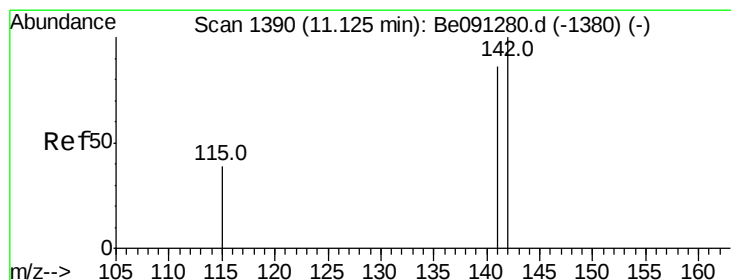
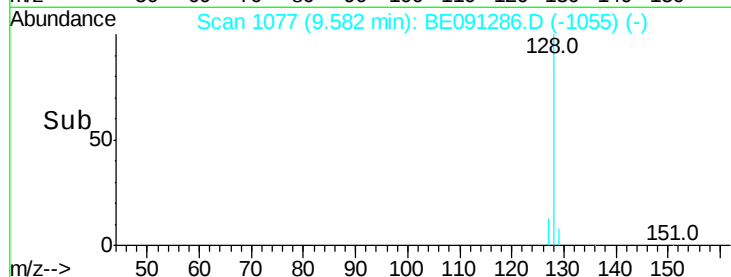
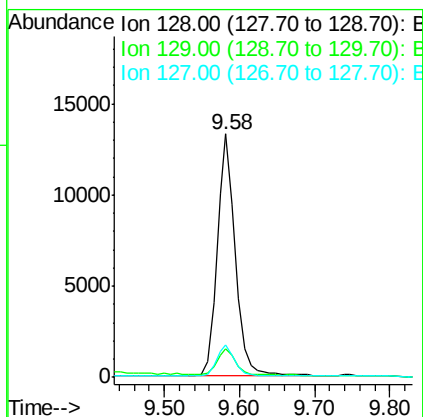
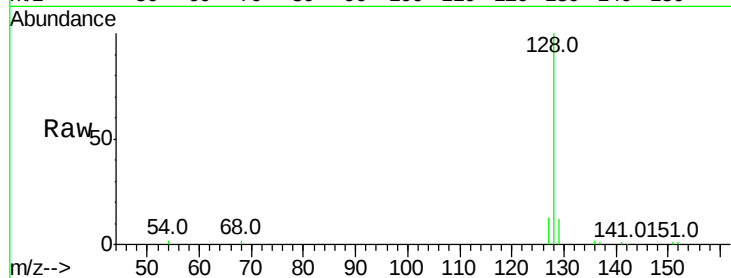
ClientSampleId :

A4J67

Tot Ion:	128	Resp:	22155
Ion Ratio	Lower	Upper	
128	100		
129	11.6	9.8	14.8
127	13.2	10.7	16.1

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#7

2-Methylnaphthalene

Concen: 0.66 ng/ul

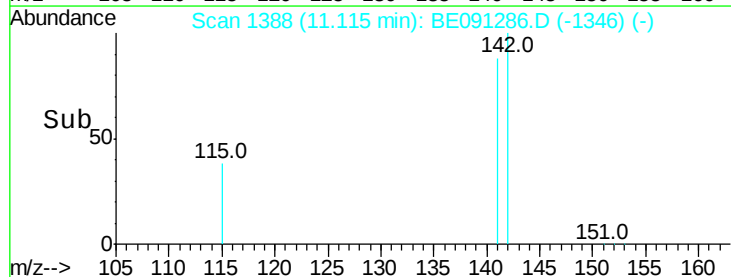
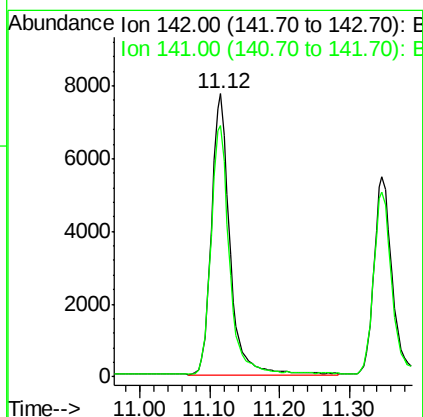
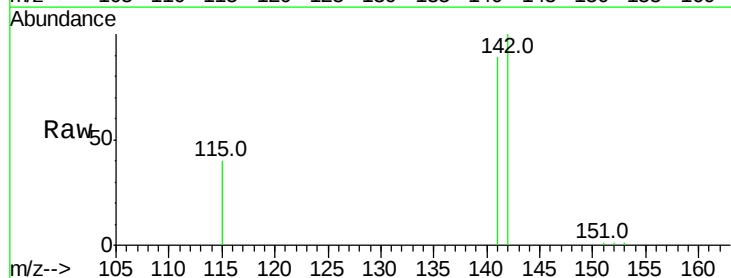
RT: 11.12 min Scan# 1388

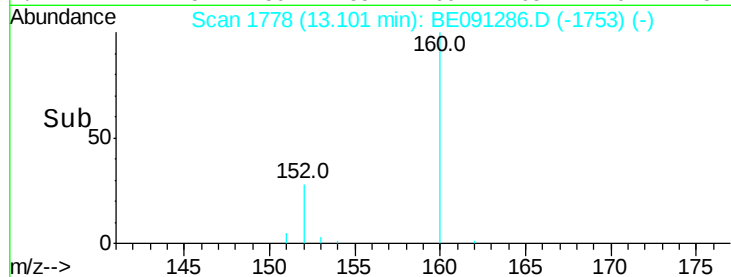
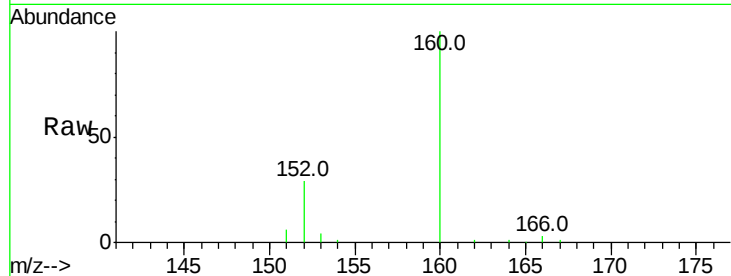
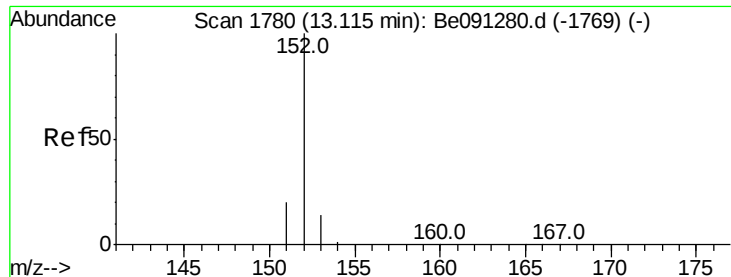
Delta R.T. -0.01 min

Lab File: BE091286.D

Acq: 21 Nov 2015 21:07

Tgt Ion:	142	Resp:	14081
Ion Ratio	Lower	Upper	
142	100		
141	89.7	70.3	105.5





#9

Acenaphthylene

Concen: 0.29 ng/ul

RT: 13.10 min Scan# 1778

Delta R.T. -0.01 min

Lab File: BE091286.D

Acq: 21 Nov 2015 21:07

Instrument :

BNA_E

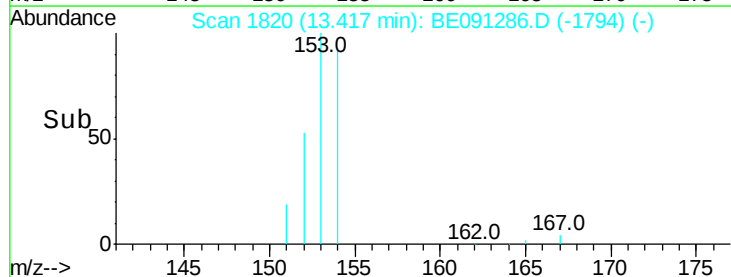
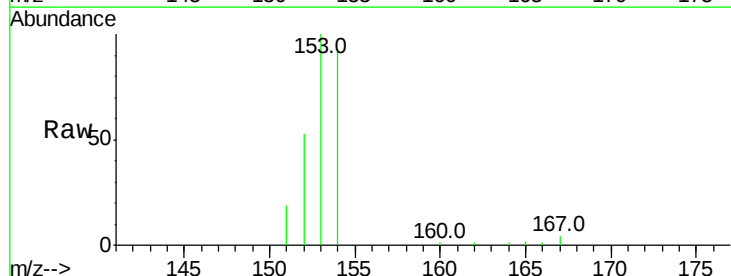
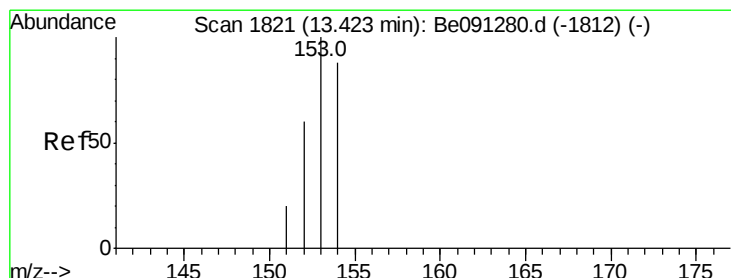
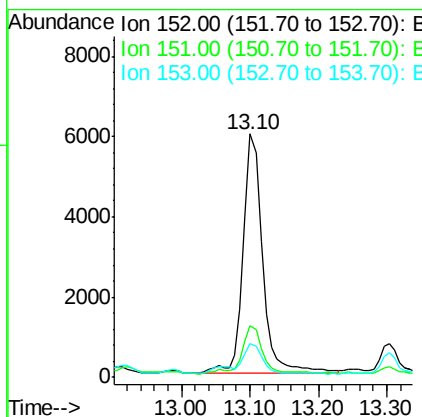
ClientSampleId :

A4J67

Tot Ion:	152	Resp:	11420
Ion Ratio	Lower	Upper	
152	100		
151	21.2	16.8	25.2
153	13.9	11.3	16.9

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#10

Acenaphthene

Concen: 1.02 ng/ul

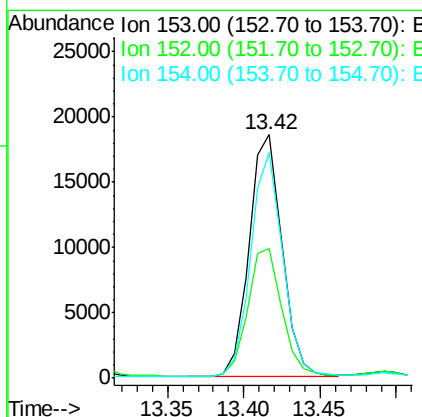
RT: 13.42 min Scan# 1820

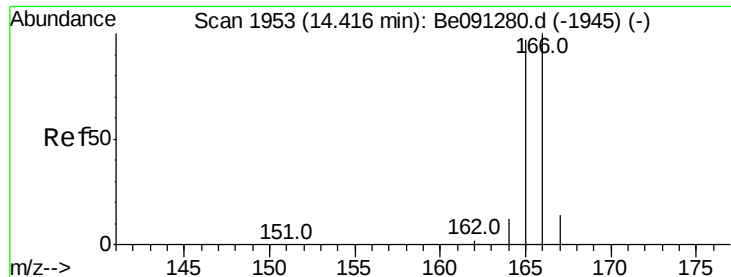
Delta R.T. -0.01 min

Lab File: BE091286.D

Acq: 21 Nov 2015 21:07

Tgt Ion:	153	Resp:	27768
Ion Ratio	Lower	Upper	
153	100		
152	53.3	42.3	63.5
154	92.7	64.7	97.1





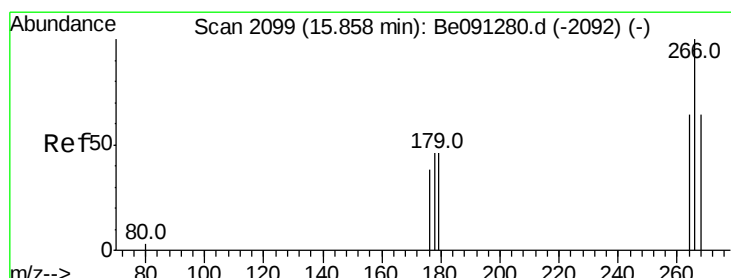
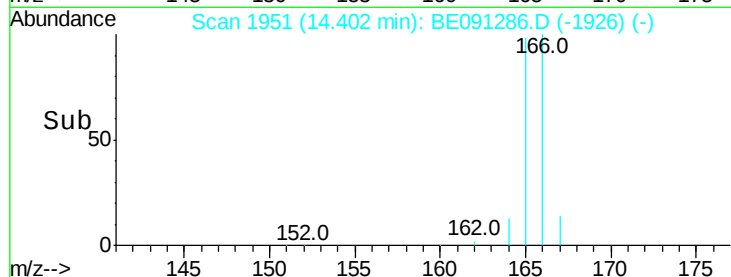
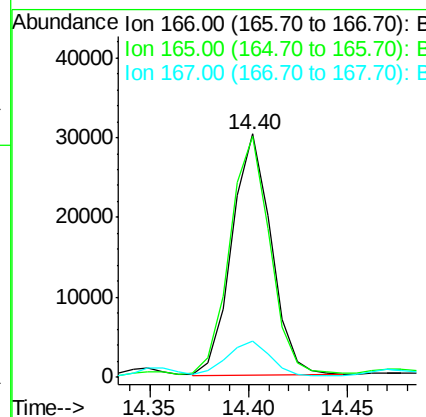
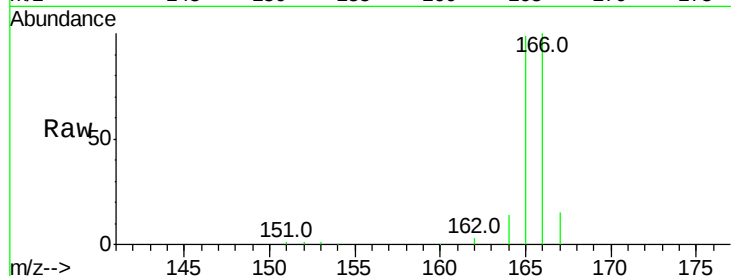
#11
 Fluorene
 Concen: 1.18 ng/ul
 RT: 14.40 min Scan# 1951
 Delta R.T. -0.01 min
 Lab File: BE091286.D
 Acq: 21 Nov 2015 21:07

Instrument :
 BNA_E
 ClientSampleId :
 A4J67

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.8	87.6	131.4
167	14.8	11.1	16.7

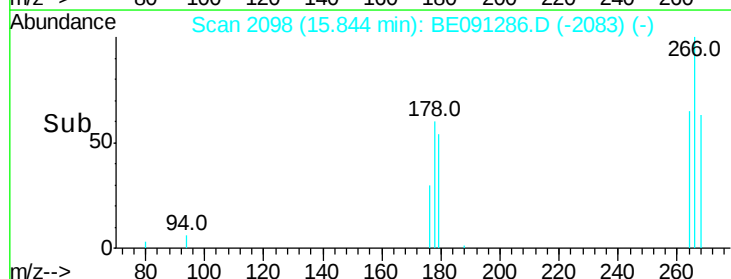
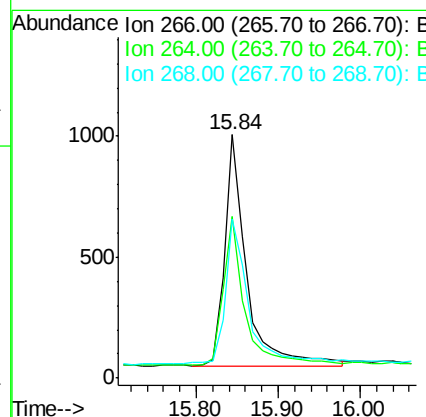
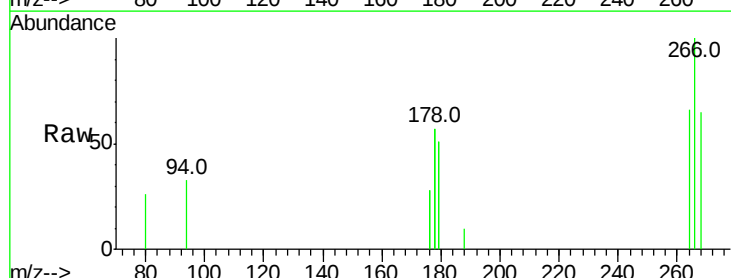
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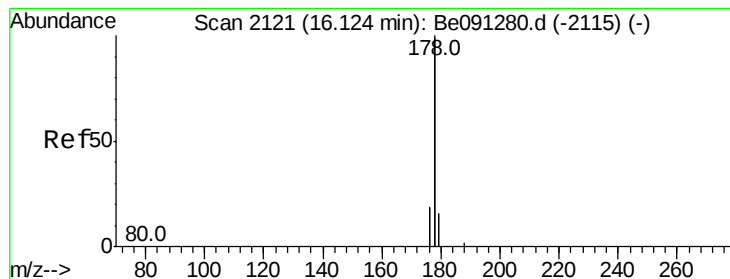
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#13
 Pentachlorophenol
 Concen: 0.97 ng/ul
 RT: 15.84 min Scan# 2098
 Delta R.T. -0.01 min
 Lab File: BE091286.D
 Acq: 21 Nov 2015 21:07

Tgt Ion	Ratio	Lower	Upper
266	100		
264	63.9	53.5	80.3
268	67.1	54.2	81.2





#14

Phenanthrene

Concen: 13.23 ng/ul

RT: 16.11 min Scan# 2120

Delta R.T. -0.01 min

Lab File: BE091286.D

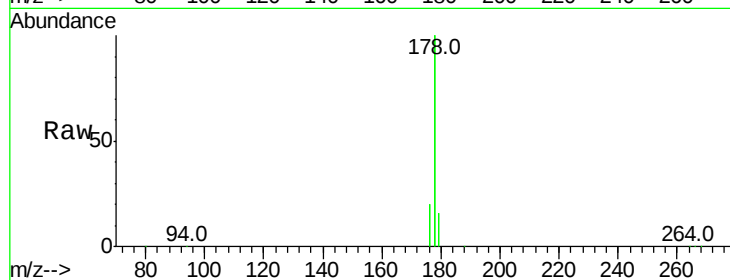
Acq: 21 Nov 2015 21:07

Instrument :

BNA_E

ClientSampleId :

A4J67



Tot Ion:178 Resp: 2970797

Ion Ratio Lower Upper

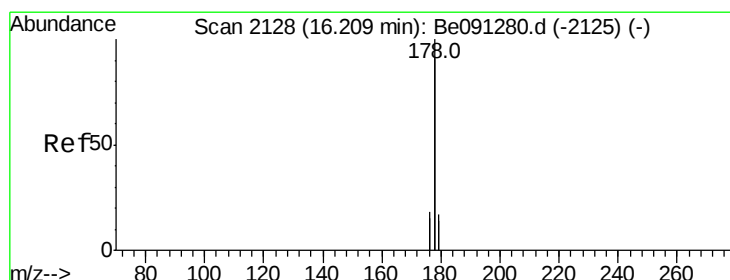
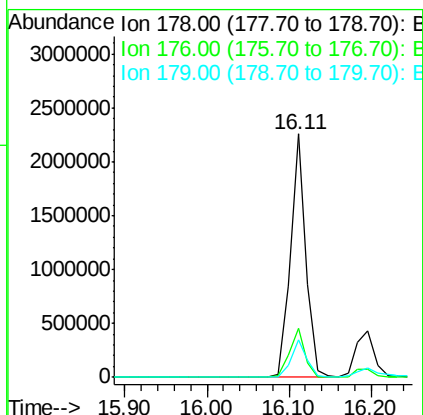
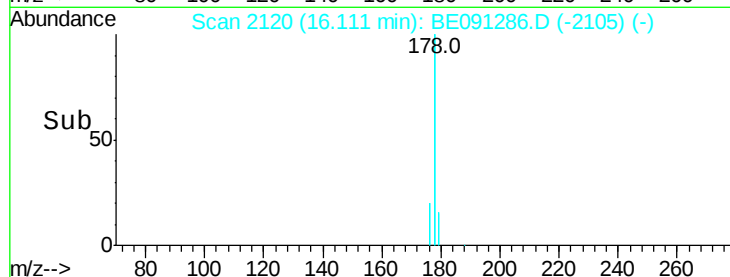
178 100

176 20.0 16.2 24.4

179 15.6 12.8 19.2

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#15

Anthracene

Concen: 3.35 ng/ul m

RT: 16.20 min Scan# 2127

Delta R.T. -0.01 min

Lab File: BE091286.D

Acq: 21 Nov 2015 21:07

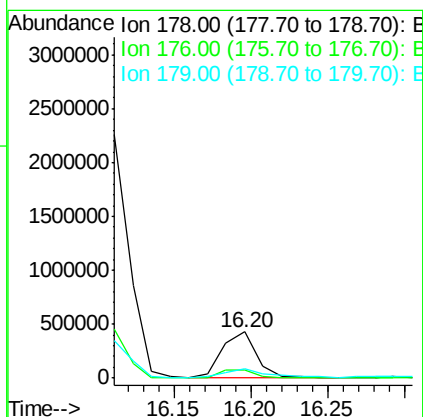
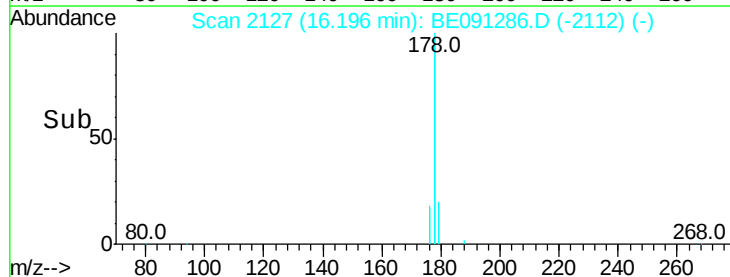
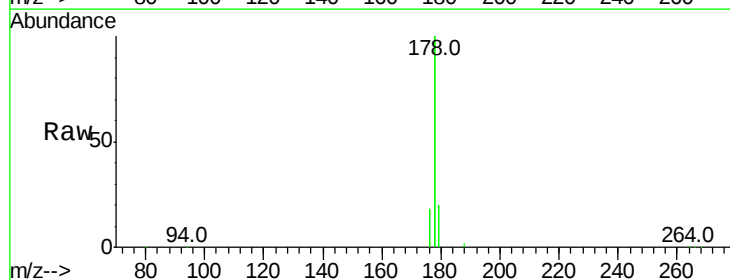
Tgt Ion:178 Resp: 683442

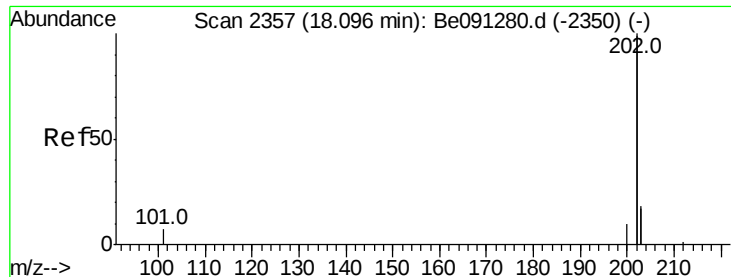
Ion Ratio Lower Upper

178 100

176 17.6 15.8 23.8

179 20.3 13.3 19.9#





#17

Fluoranthene

Concen: 14.06 ng/ul

RT: 18.09 min Scan# 2356

Delta R.T. -0.01 min

Lab File: BE091286.D

Acq: 21 Nov 2015 21:07

Instrument :

BNA_E

ClientSampleId :

A4J67

Tot Ion:202 Resp: 3696676

Ion Ratio Lower Upper

202 100

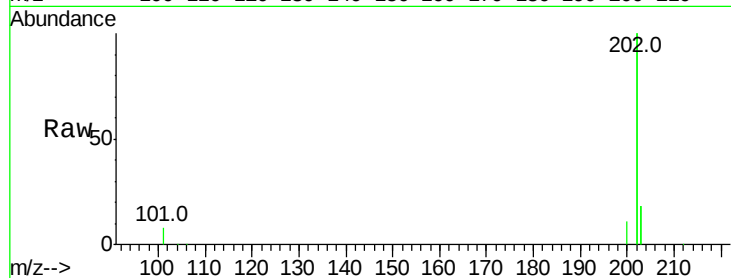
101 3.8 0.0 33.1

203 17.7 0.0 37.2

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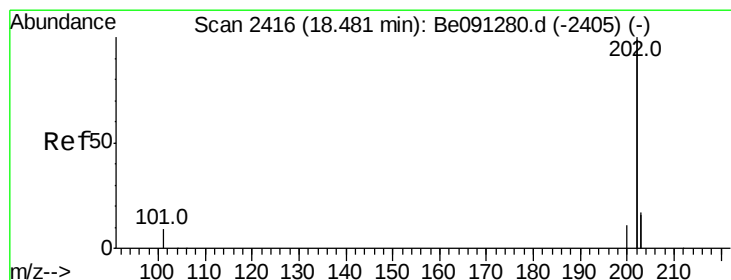
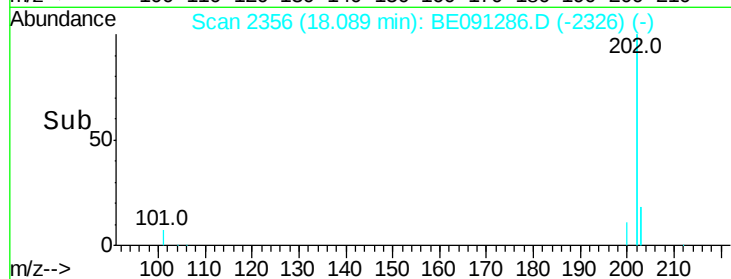
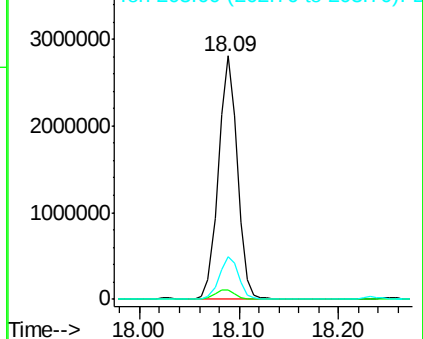
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#19

Pyrene

Concen: 11.45 ng/ul

RT: 18.47 min Scan# 2415

Delta R.T. -0.01 min

Lab File: BE091286.D

Acq: 21 Nov 2015 21:07

Tgt Ion:202 Resp: 3074987

Ion Ratio Lower Upper

202 100

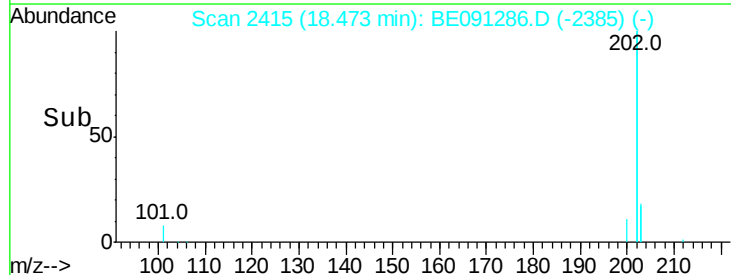
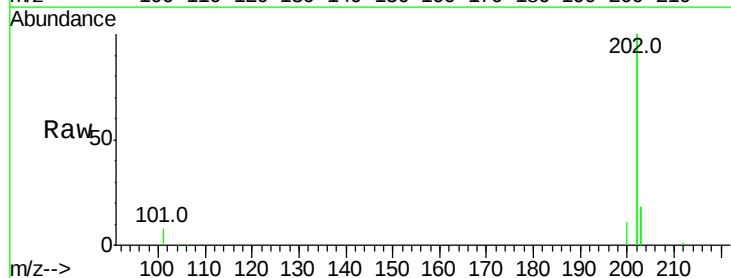
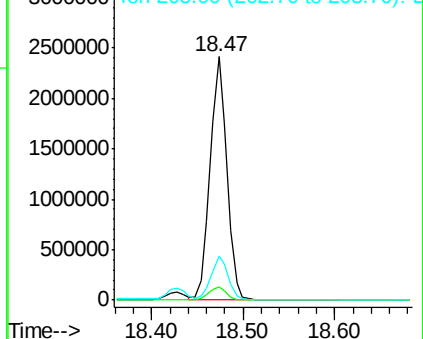
200 5.4 18.0 27.0#

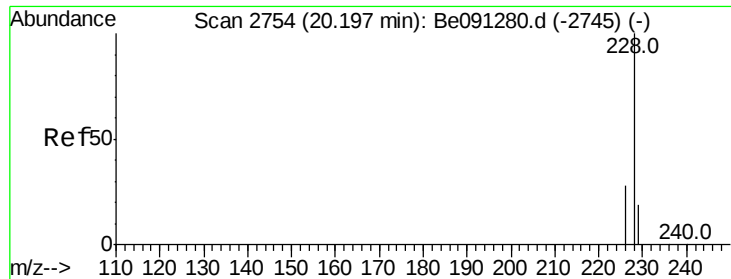
203 18.1 13.8 20.6

Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





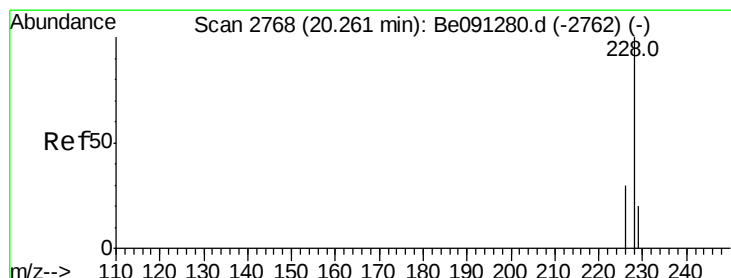
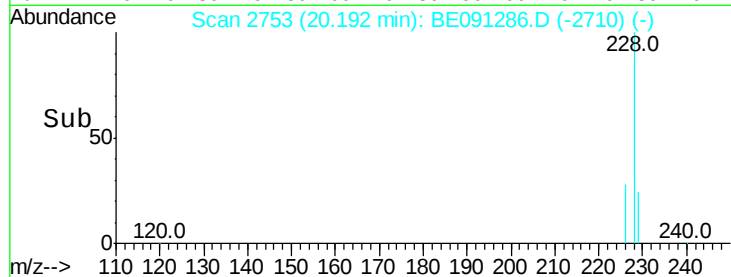
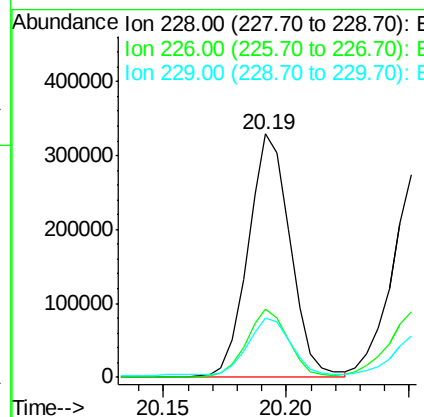
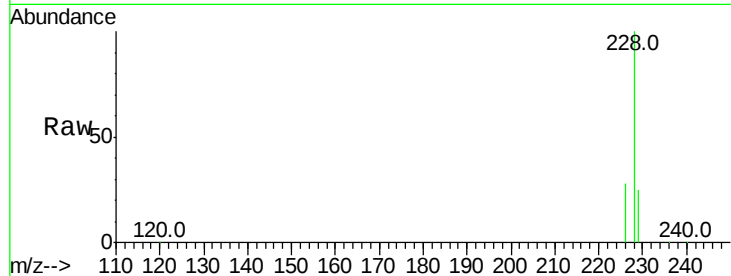
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Benzo(a)anthracene
Concen: 6.46 ng/ul m
RT: 20.19 min Scan# 2753
Delta R.T. -0.01 min
Lab File: BE091286.D
Acq: 21 Nov 2015 21:07

Instrument :
BNA_E
ClientSampleId :
A4J67

Tot Ion	Ratio	Resp	Lower	Upper
228	100	391893		
226	28.2	23.0	34.4	
229	24.5	15.2	22.8	

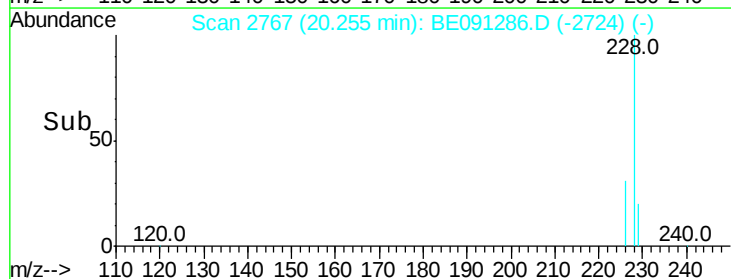
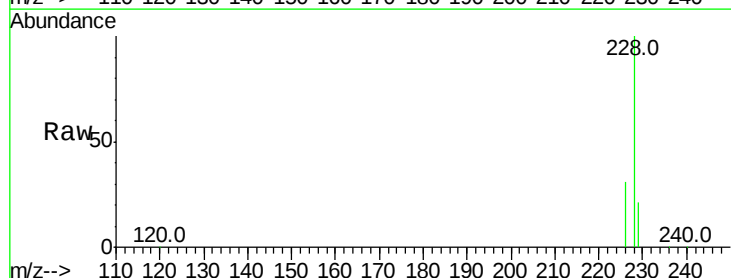
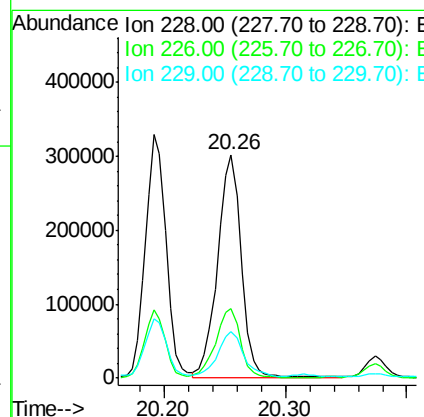
Manual Integrations
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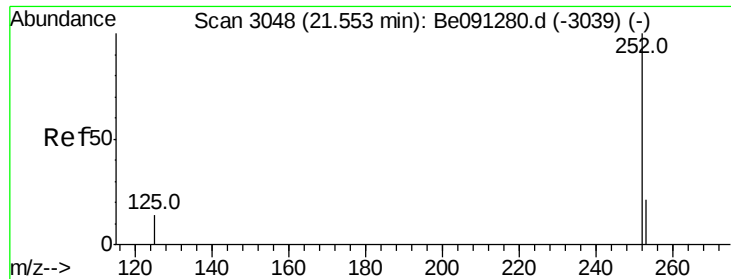
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#21
Chrysene
Concen: 5.89 ng/ul
RT: 20.26 min Scan# 2767
Delta R.T. -0.01 min
Lab File: BE091286.D
Acq: 21 Nov 2015 21:07

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	412074		
226	31.0	25.7	38.5	
229	21.0	15.2	22.8	





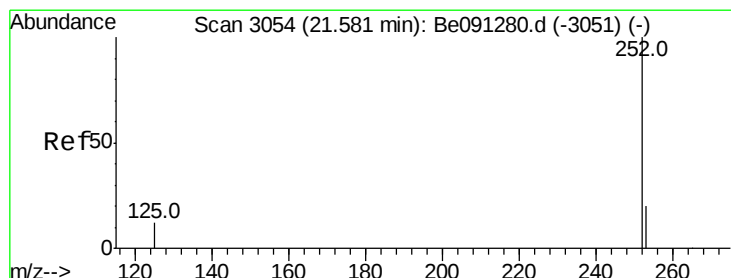
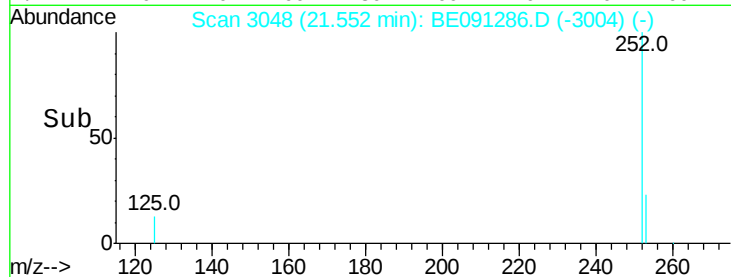
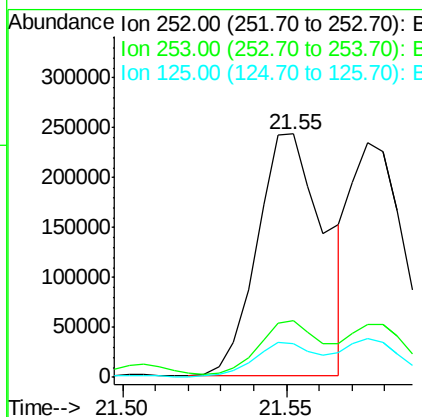
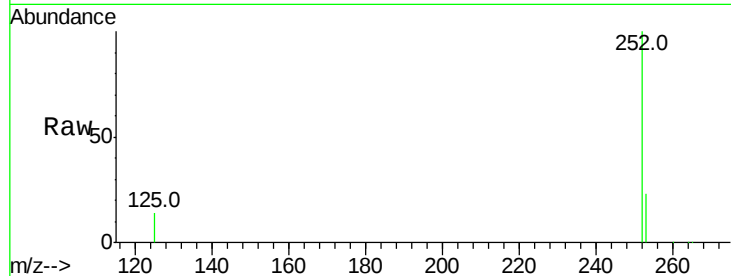
#23
Benzo(b)fluoranthene
Concen: 4.57 ng/ul
RT: 21.55 min Scan# 3048
Delta R.T. -0.00 min
Lab File: BE091286.D
Acq: 21 Nov 2015 21:07

Instrument :
BNA_E
ClientSampleId :
A4J67

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	0.0	48.0
125	13.9	0.0	36.6

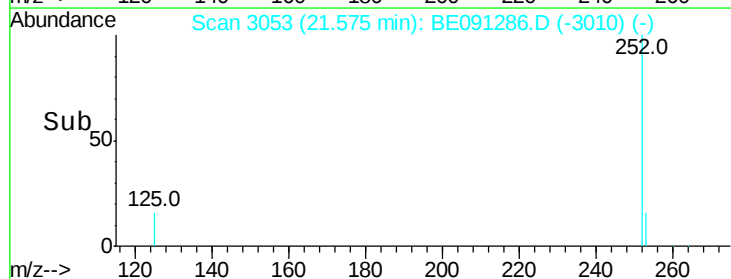
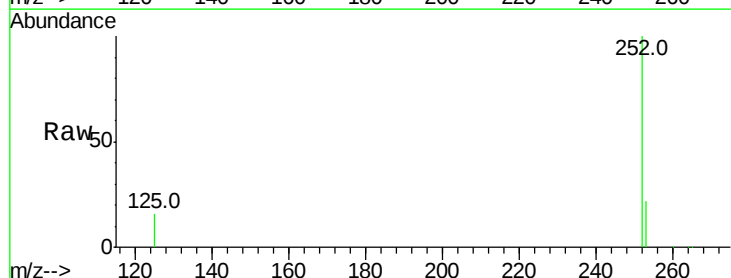
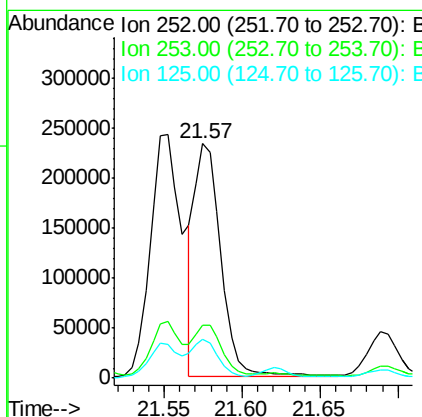
Manual Integrations
APPROVED

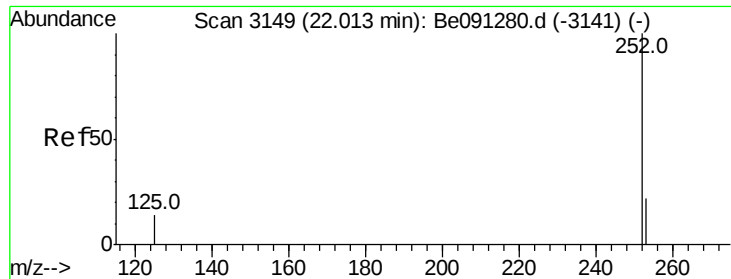
Mmdadoda
11/23/2015 2:14:32 PM



#24
Benzo(k)fluoranthene
Concen: 3.48 ng/ul
RT: 21.57 min Scan# 3053
Delta R.T. -0.01 min
Lab File: BE091286.D
Acq: 21 Nov 2015 21:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	20.8	31.2
125	16.3	12.2	18.4





#25

Benzo(a)pyrene

Concen: 4.66 ng/ul

RT: 22.01 min Scan# 3148

Delta R.T. -0.01 min

Lab File: BE091286.D

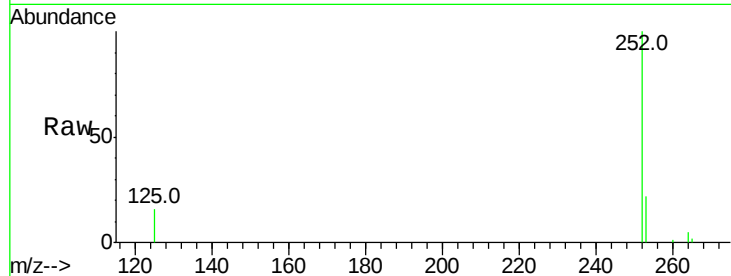
Acq: 21 Nov 2015 21:07

Instrument :

BNA_E

ClientSampleId :

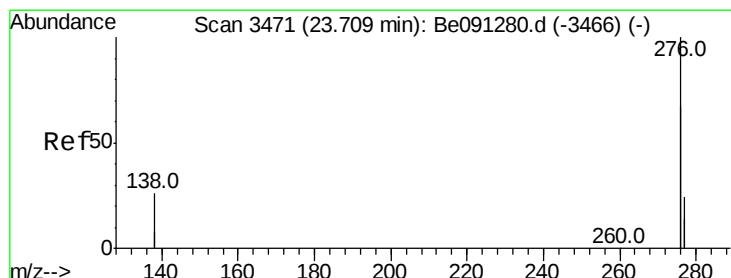
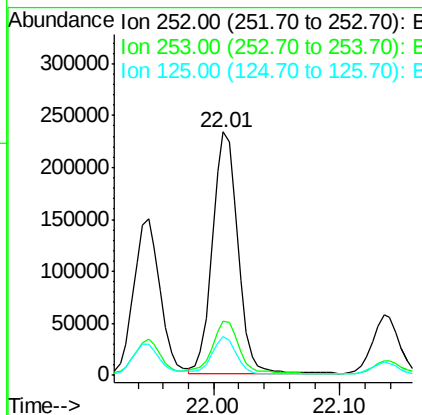
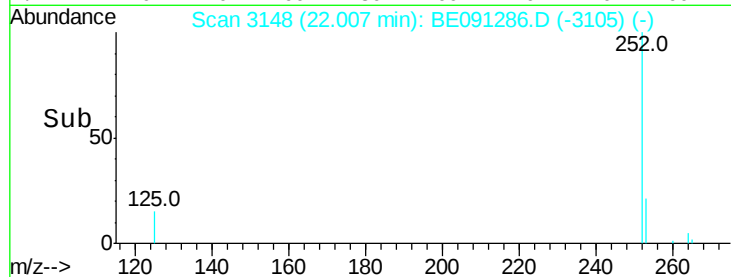
A4J67



Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	21.8	32.8
125	15.7	14.5	21.7

Manual Integrations
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#26

Indeno(1,2,3-cd)pyrene

Concen: 2.89 ng/ul

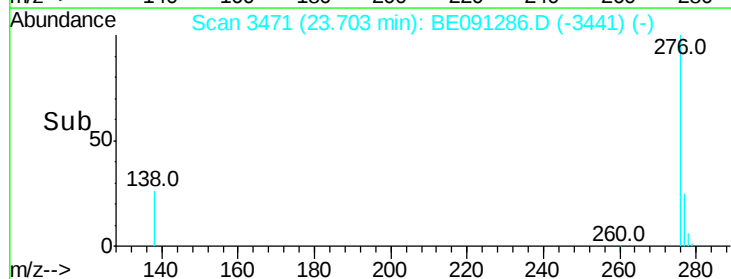
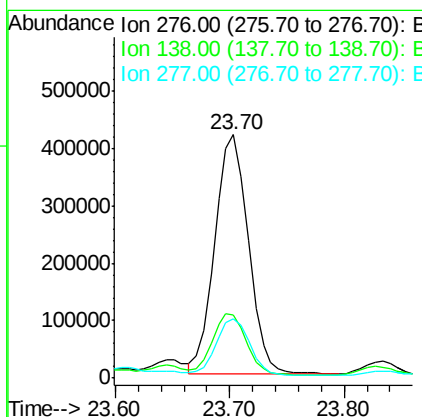
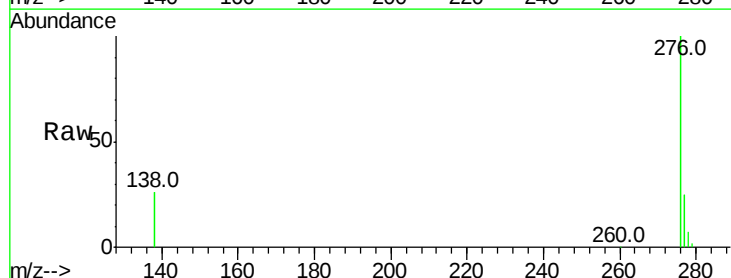
RT: 23.70 min Scan# 3471

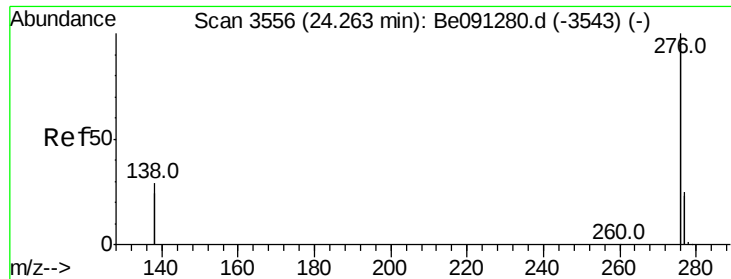
Delta R.T. -0.01 min

Lab File: BE091286.D

Acq: 21 Nov 2015 21:07

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.9	27.5	41.3#
277	24.1	19.3	28.9





#28

Benzo(a,h,i)perylene

Concen: 2.54 ng/ul

RT: 24.26 min Scan# 3556

Delta R.T. -0.01 min

Lab File: BE091286.D

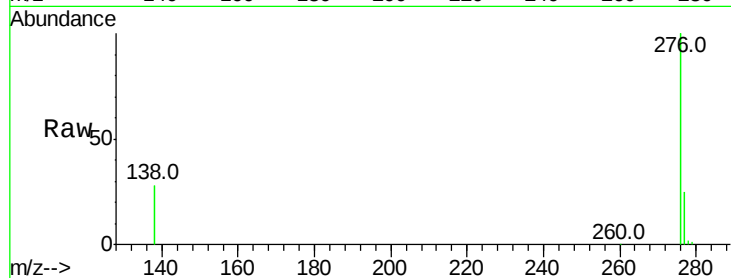
Acq: 21 Nov 2015 21:07

Instrument :

BNA_E

ClientSampleId :

A4J67



Tot Ion: 276 Resp: 785185

Ion Ratio Lower Upper

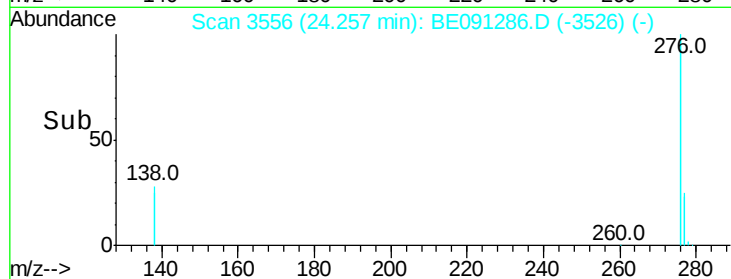
276 100

277 25.2 21.3 31.9

138 27.6 25.5 38.3

Manual Integrations
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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

