

Data Path : Z:\HPCHEM1\BNA E\DATA\BE100917\
 Data File : BE094235.D
 Acq On : 9 Oct 2017 23:55
 Operator : SJ/JU
 Sample : I5522-21
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AC7

Manual Integrations
 APPROVED

Sohil
 10/10/2017 4:58:15 PM

Quant Time: Oct 10 11:09:44 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 09 04:05:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	2764	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	14326	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	8849	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.24	188	17994m	0.40	ng/ul	-0.04
16) Chrysene-d12	21.41	240	18646	0.40	ng/ul	0.00
20) Perylene-d12	23.92	264	16327m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	6601	0.30	ng/ul	-0.02
14) Fluoranthene-d10	19.27	212	15739	0.26	ng/ul	-0.02
Target Compounds					Ovalue	
3) Naphthalene	10.74	128	13690	0.390	ng/ul#	92
5) 2-Methylnaphthalene	12.34	142	9487	0.417	ng/ul	99
7) Acenaphthylene	14.24	152	7464	0.216	ng/ul	96
8) Acenaphthene	14.57	153	20609	0.726	ng/ul	98
9) Fluorene	15.56	166	38454	1.156	ng/ul#	93
12) Phenanthrene	17.29	178	798467	16.981	ng/ul#	93
13) Anthracene	17.38	178	174249	3.810	ng/ul#	91
15) Fluoranthene	19.30	202	943369	15.269	ng/ul	85
17) Pyrene	19.66	202	750100	14.458	ng/ul#	82
18) Benzo(a)anthracene	21.39	228	414416	8.378	ng/ul#	85
19) Chrysene	21.45	228	379625	6.646	ng/ul	99
21) Benzo(b)fluoranthene	23.15	252	402742m	9.081	ng/ul	
22) Benzo(k)fluoranthene	23.19	252	132464m	2.584	ng/ul	
23) Benzo(a)pyrene	23.81	252	266106m	5.774	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.57	276	158355m	3.359	ng/ul	
25) Dibenzo(a,h)anthracene	26.57	278	50564m	1.279	ng/ul	
26) Benzo(a,h,i)perylene	27.39	276	119489m	2.938	ng/ul	

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

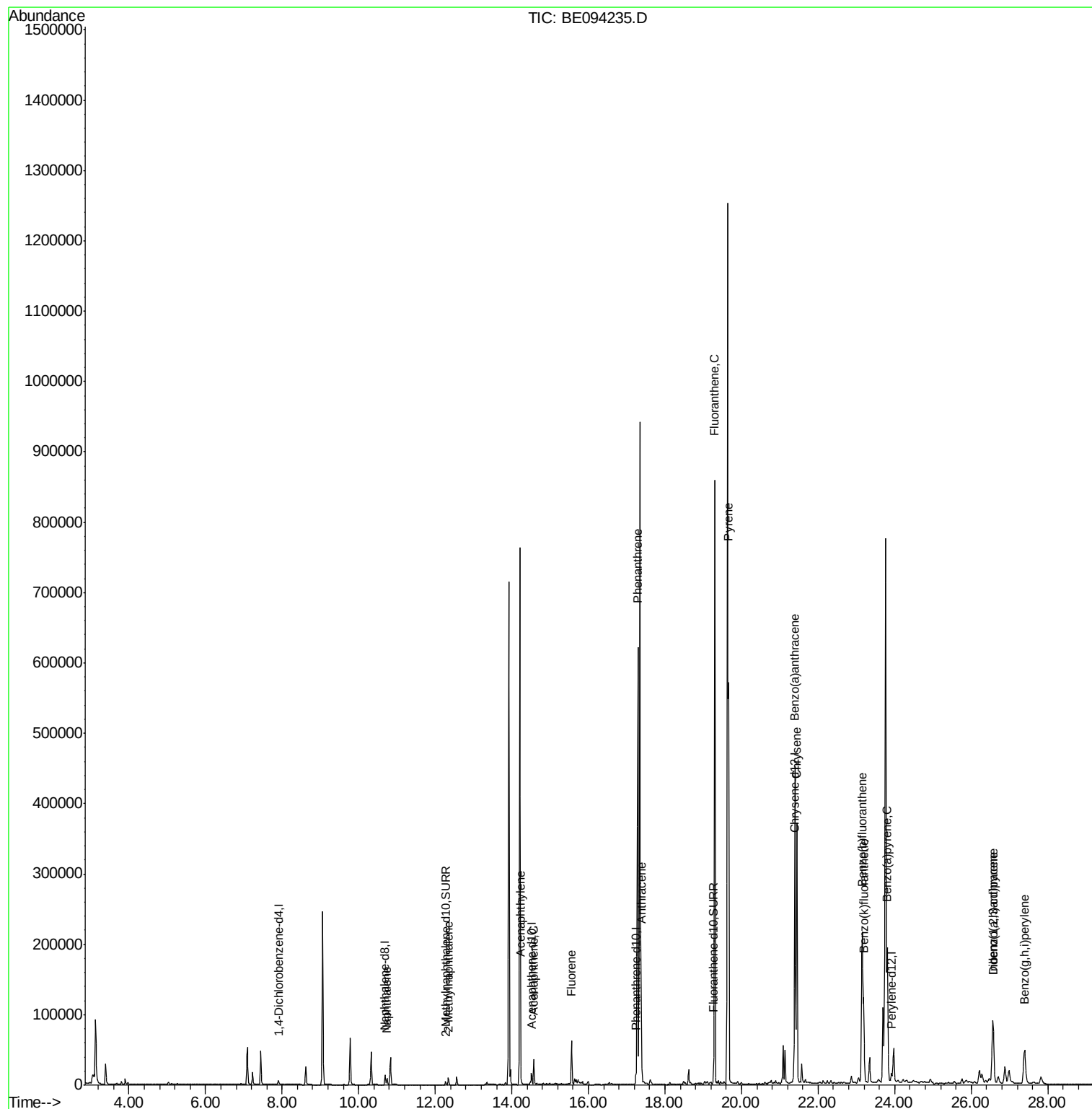
Data Path : Z:\HPCHEM1\BNA E\DATA\BE100917\
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ALS Vial : 20 Sample Multiplier: 1

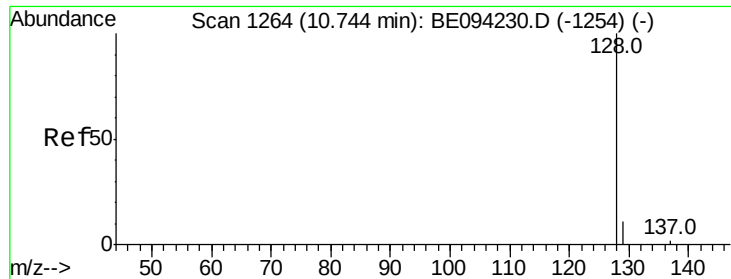
Instrument :
BNA_E
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C0AC7

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QLast Update : Mon Oct 09 04:05:38 2017
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#3

Naphthalene

Concen: 0.390 ng/ul

RT: 10.74 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BE094235.D

Acq: 9 Oct 2017 23:55

Instrument :

BNA_E

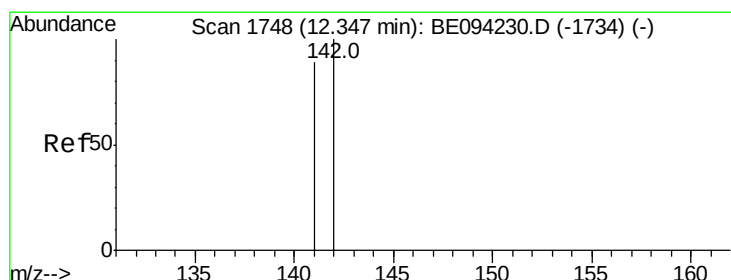
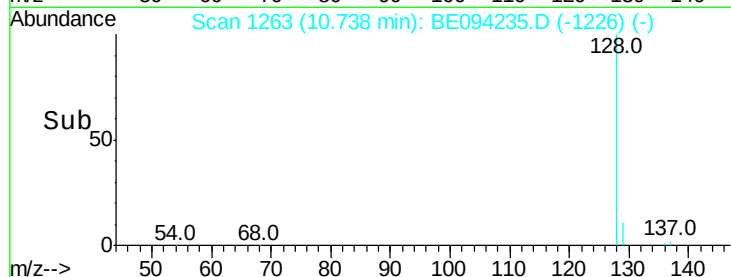
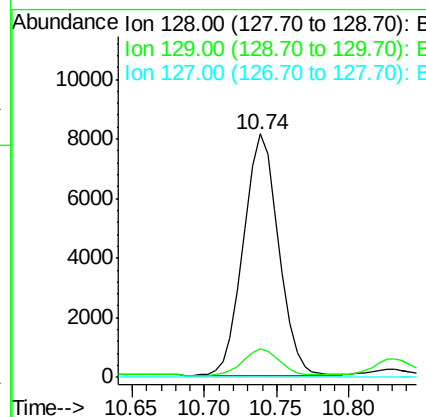
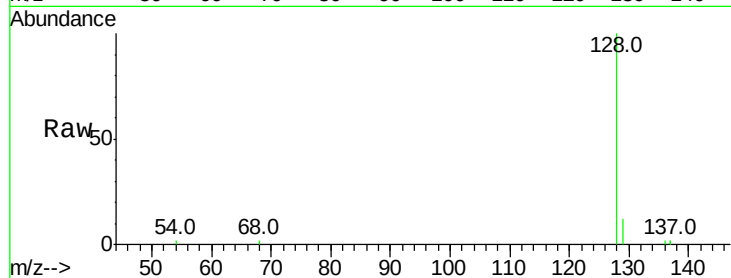
ClientSampleId :

C0AC7

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.9	11.3	16.9
127	0.0	4.0	6.0

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#5

2-Methylnaphthalene

Concen: 0.417 ng/ul

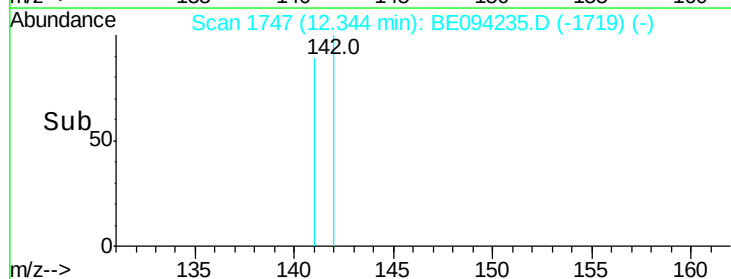
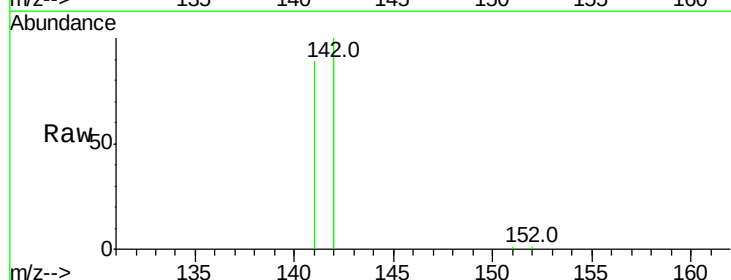
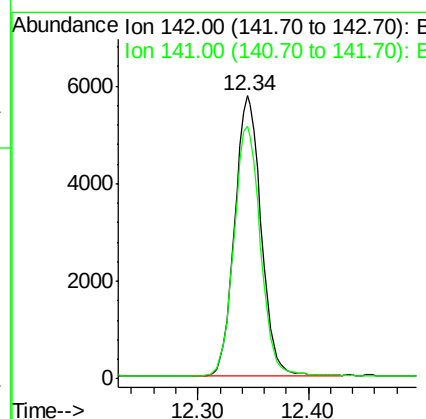
RT: 12.34 min Scan# 1747

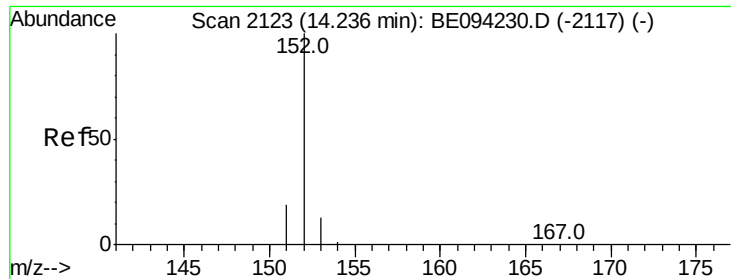
Delta R.T. -0.01 min

Lab File: BE094235.D

Acq: 9 Oct 2017 23:55

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.8	72.6	108.8





#7

Acenaphthylene

Concen: 0.216 ng/ul

RT: 14.24 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BE094235.D

Acq: 9 Oct 2017 23:55

Instrument :

BNA_E

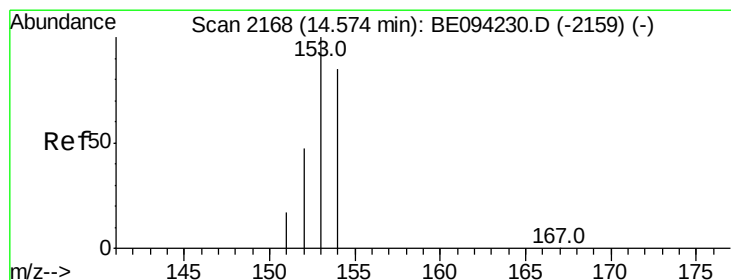
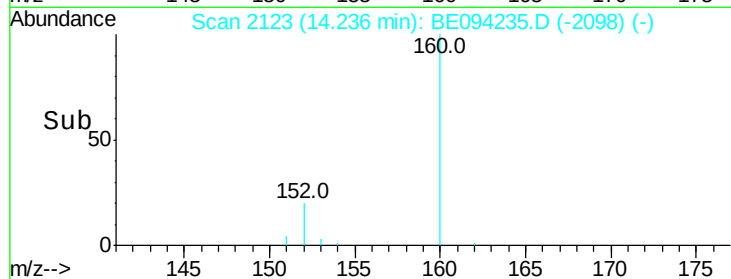
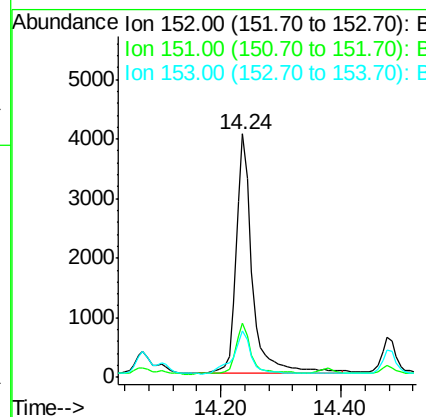
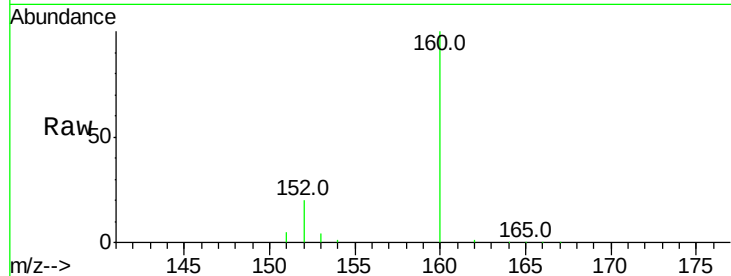
ClientSampled :

C0AC7

Tot Ion:	152	Resp:	7464
Ion Ratio	Lower	Upper	
152	100		
151	22.0	17.1	25.7
153	18.9	12.8	19.2

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#8

Acenaphthene

Concen: 0.726 ng/ul

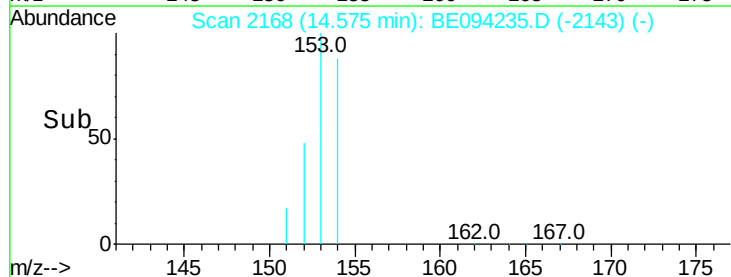
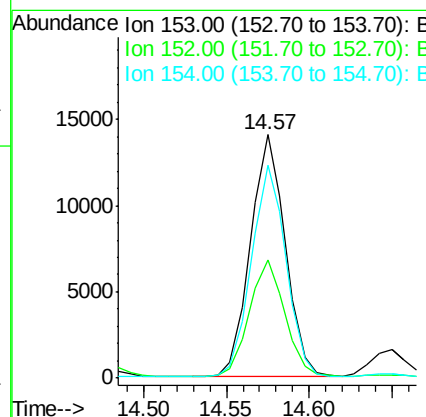
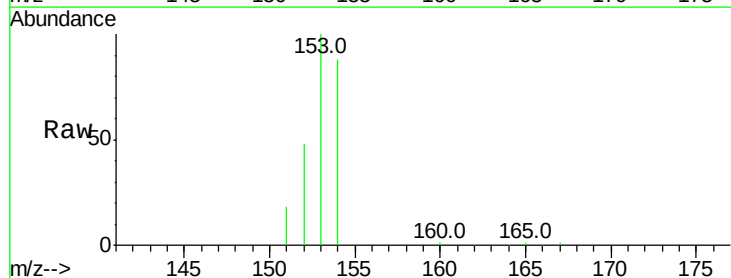
RT: 14.57 min Scan# 2168

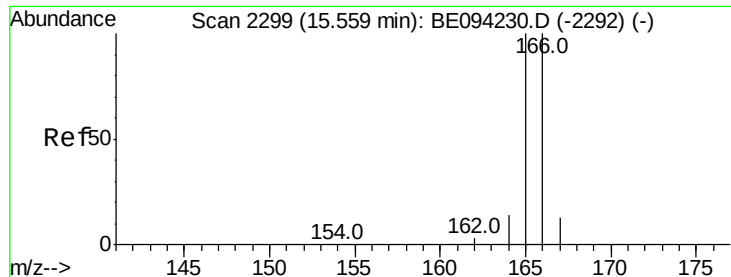
Delta R.T. -0.01 min

Lab File: BE094235.D

Acq: 9 Oct 2017 23:55

Tgt Ion:	153	Resp:	20609
Ion Ratio	Lower	Upper	
153	100		
152	48.5	40.3	60.5
154	87.6	71.4	107.2





#9

Fluorene

Concen: 1.156 ng/ul

RT: 15.56 min Scan# 2299

Delta R.T. -0.02 min

Lab File: BE094235.D

Acq: 9 Oct 2017 23:55

Instrument :

BNA_E

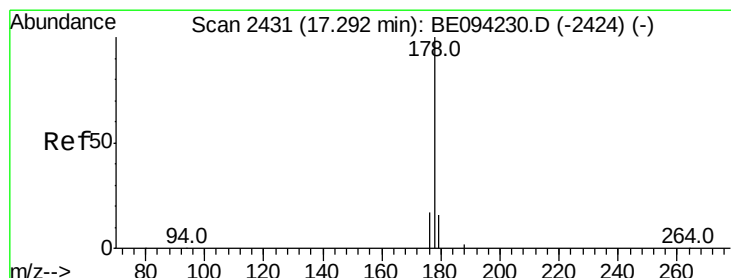
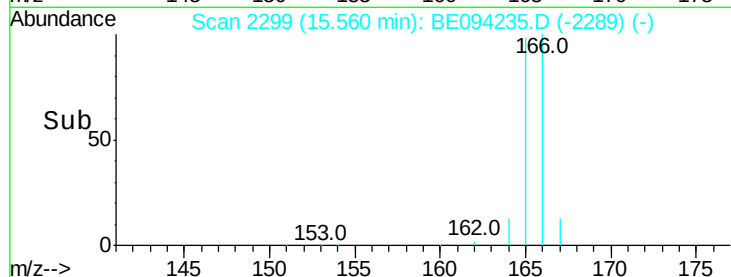
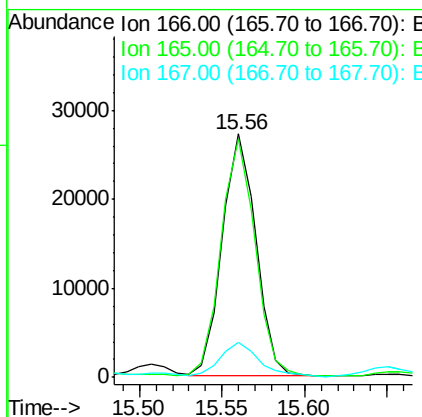
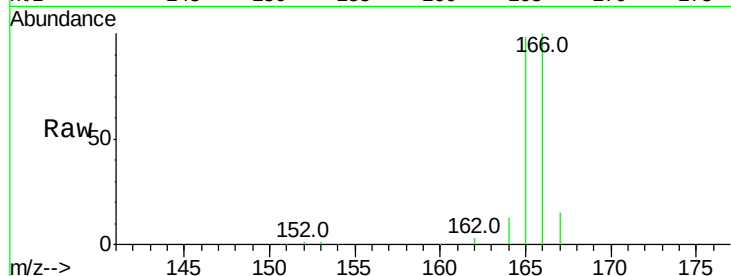
ClientSampleId :

C0AC7

Tot Ion	Ion	Ratio	Resp	Lower	Upper
166	100				
165	98.1	73.4	110.2		
167	14.5	14.6	22.0		

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#12

Phenanthrene

Concen: 16.981 ng/ul

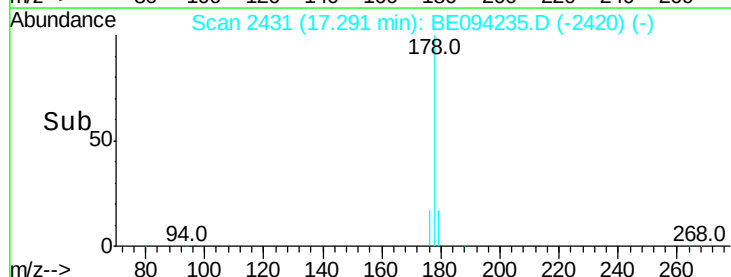
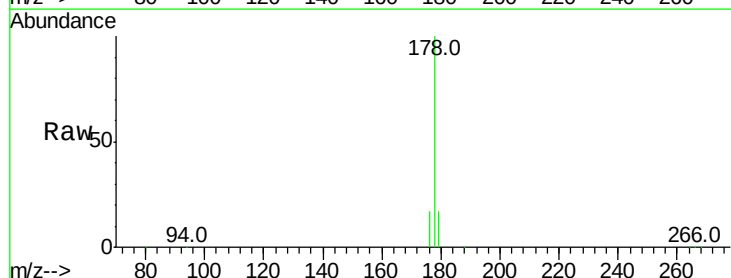
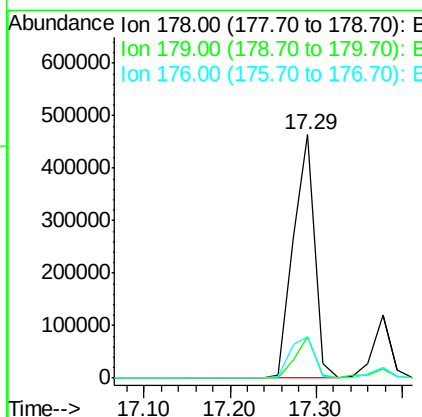
RT: 17.29 min Scan# 2431

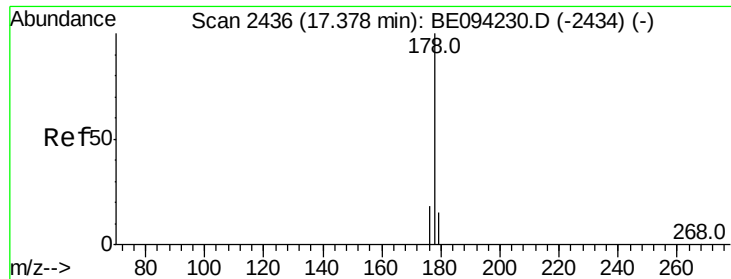
Delta R.T. -0.02 min

Lab File: BE094235.D

Acq: 9 Oct 2017 23:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
178	100				
179	16.9	18.4	27.6		
176	17.1	13.6	20.4		





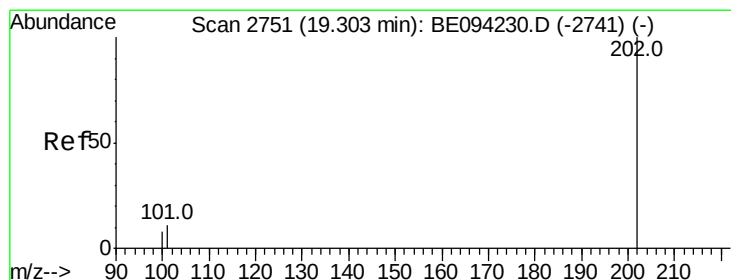
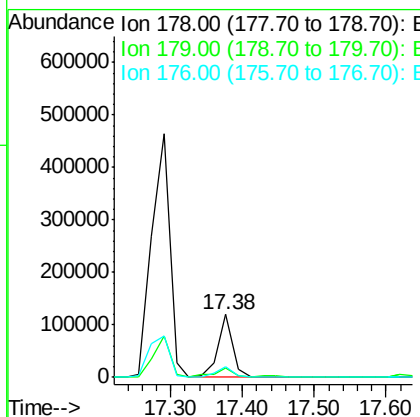
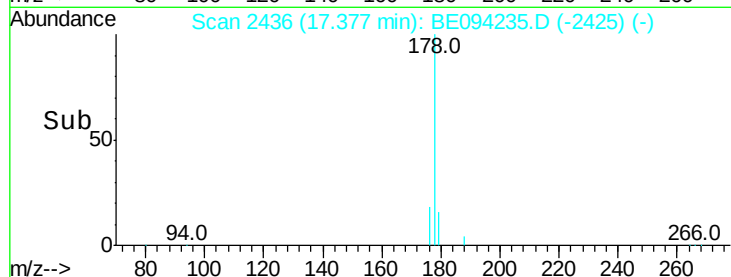
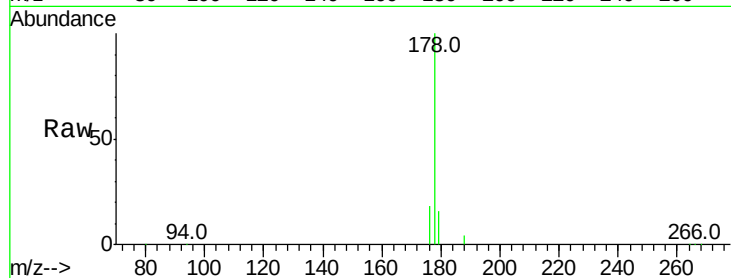
#13
 Anthracene
 Concen: 3.810 ng/ul
 RT: 17.38 min Scan# 2436
 Delta R.T. -0.02 min
 Lab File: BE094235.D
 Acq: 9 Oct 2017 23:55

Instrument :
 BNA_E
 ClientSampleId :
 C0AC7

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.8	18.1	27.1#
176	17.7	14.7	22.1

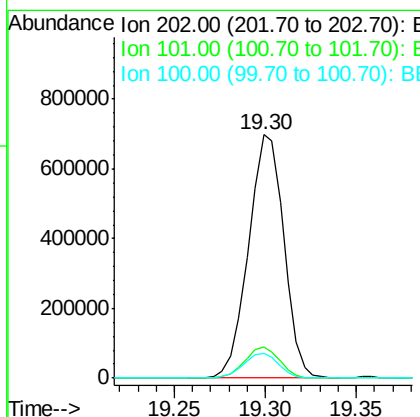
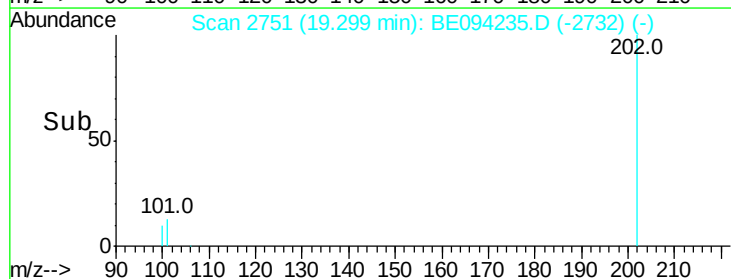
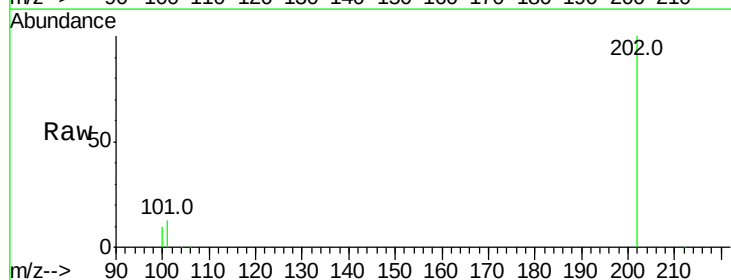
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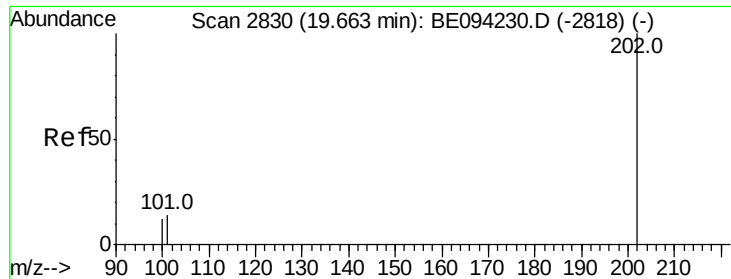
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#15
 Fluoranthene
 Concen: 15.269 ng/ul
 RT: 19.30 min Scan# 2751
 Delta R.T. -0.01 min
 Lab File: BE094235.D
 Acq: 9 Oct 2017 23:55

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	30.3
100	10.3	0.0	39.5





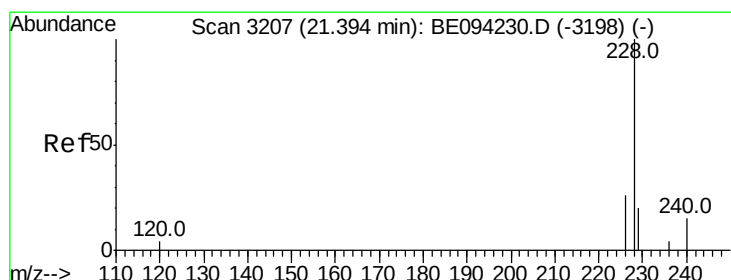
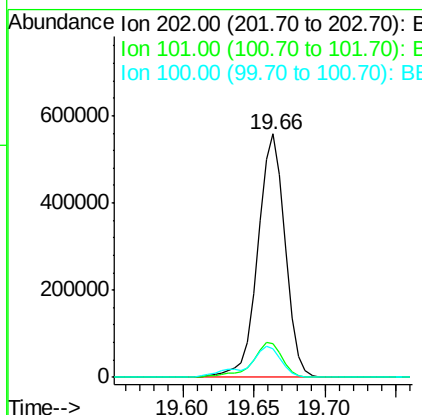
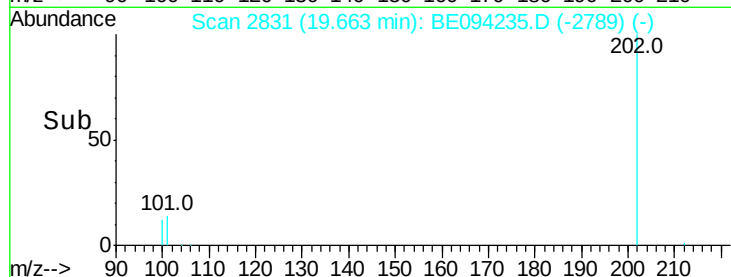
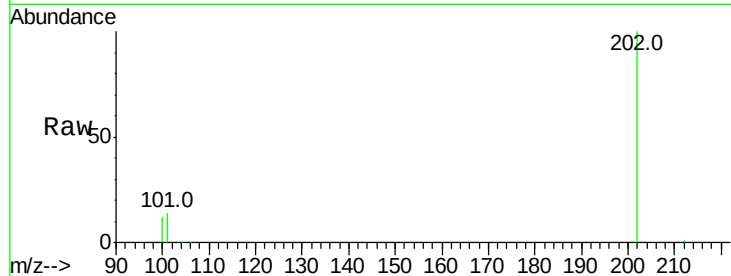
#17
Pvrene
Concen: 14.458 ng/ul
RT: 19.66 min Scan# 2831
Delta R.T. -0.01 min
Lab File: BE094235.D
Acq: 9 Oct 2017 23:55

Instrument :
BNA_E
ClientSampleId :
C0AC7

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.9	18.2	27.4#
100	11.8	15.6	23.4#

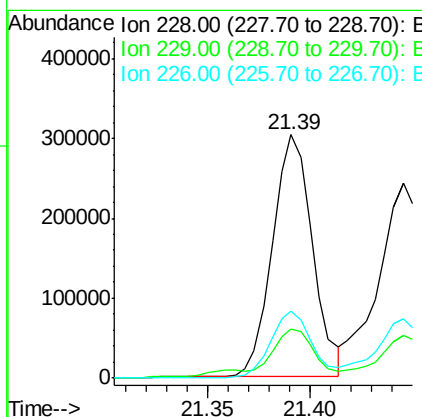
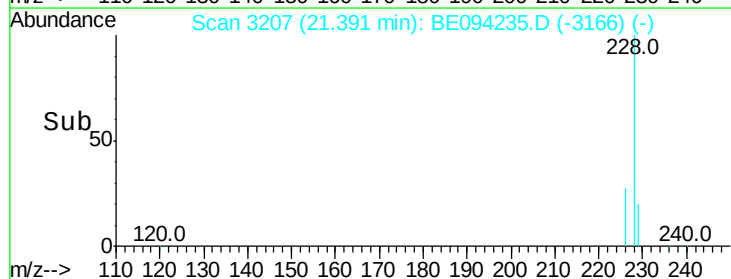
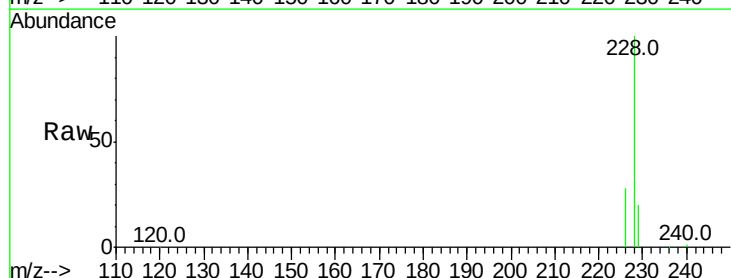
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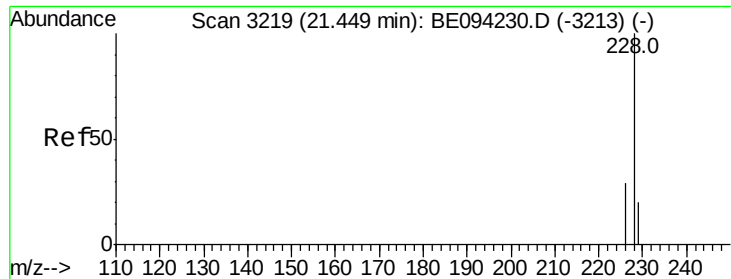
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#18
Benzo(a)anthracene
Concen: 8.378 ng/ul
RT: 21.39 min Scan# 3207
Delta R.T. -0.01 min
Lab File: BE094235.D
Acq: 9 Oct 2017 23:55

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.2	22.8	34.2#
226	27.5	17.0	25.6#





#19

Chrysene

Concen: 6.646 ng/ul

RT: 21.45 min Scan# 3219

Delta R.T. -0.01 min

Lab File: BE094235.D

Acq: 9 Oct 2017 23:55

Instrument :

BNA_E

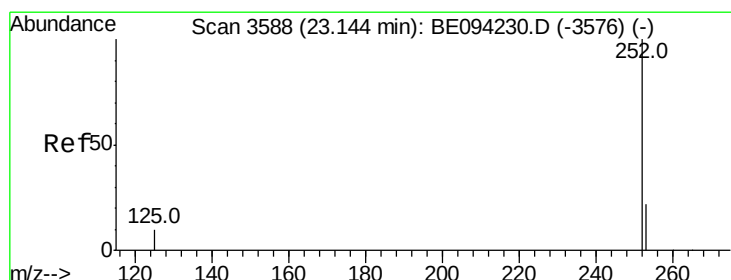
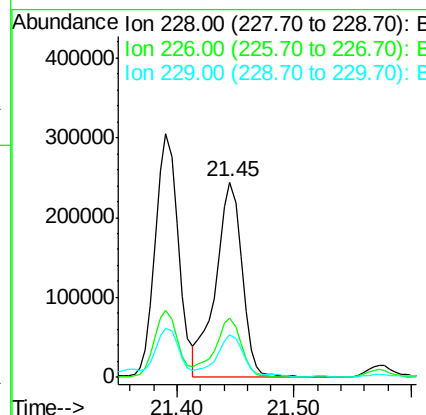
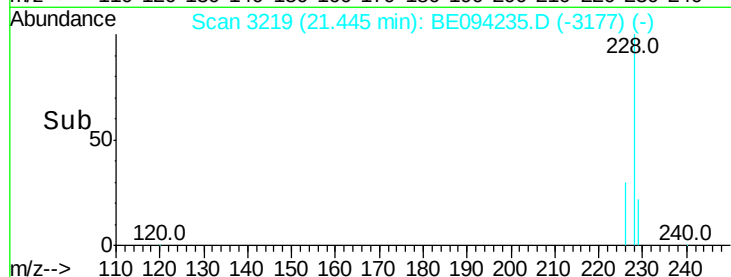
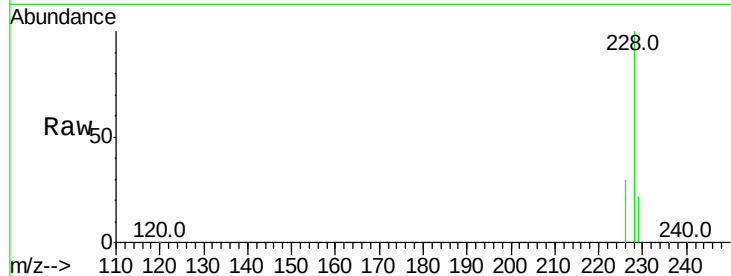
ClientSampleId :

C0AC7

Tot Ion:	228	Resp:	379625
Ion Ratio	Lower	Upper	
228	100		
226	30.3	23.4	35.0
229	21.8	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 9.081 ng/ul m

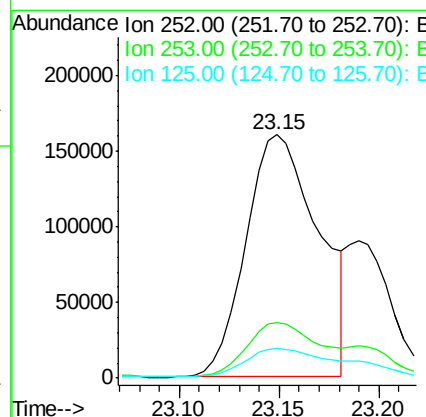
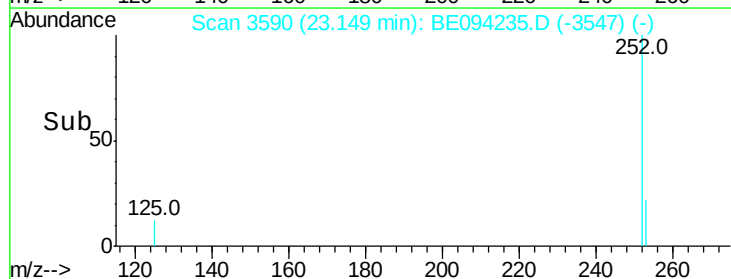
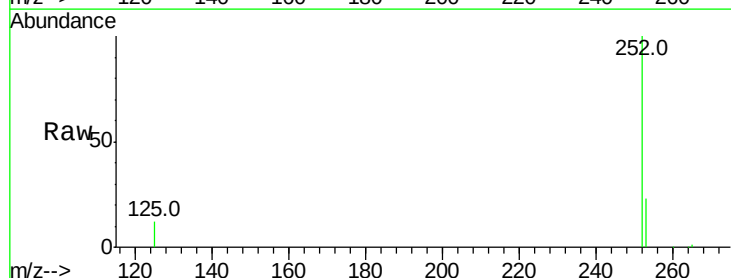
RT: 23.15 min Scan# 3590

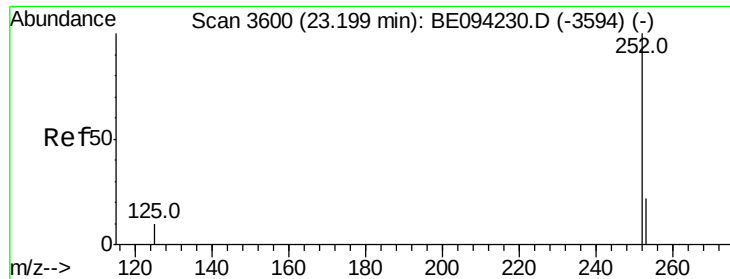
Delta R.T. -0.00 min

Lab File: BE094235.D

Acq: 9 Oct 2017 23:55

Tgt Ion:	252	Resp:	402742
Ion Ratio	Lower	Upper	
252	100		
253	22.6	0.0	64.2
125	12.2	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 2.584 ng/ul m

RT: 23.19 min Scan# 3599

Delta R.T. -0.01 min

Lab File: BE094235.D

Acq: 9 Oct 2017 23:55

Instrument :

BNA_E

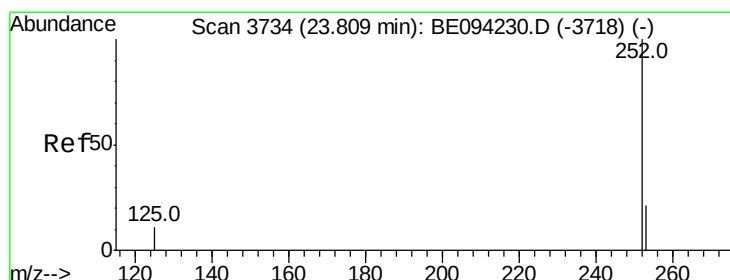
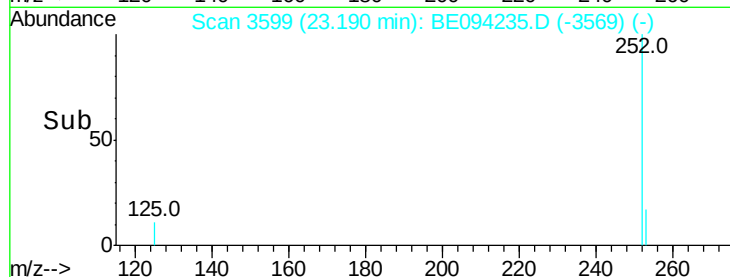
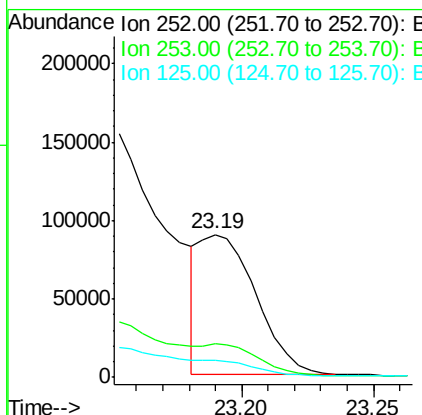
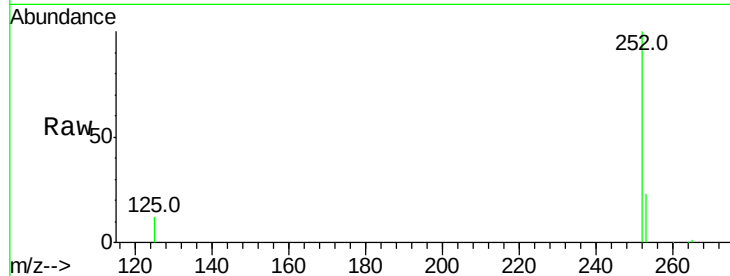
ClientSampled :

C0AC7

Tot Ion:	252	Resp:	132464
Ion Ratio	Lower	Upper	
252	100		
253	23.4	24.5	36.7#
125	12.1	13.7	20.5#

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#23

Benzo(a)pyrene

Concen: 5.774 ng/ul m

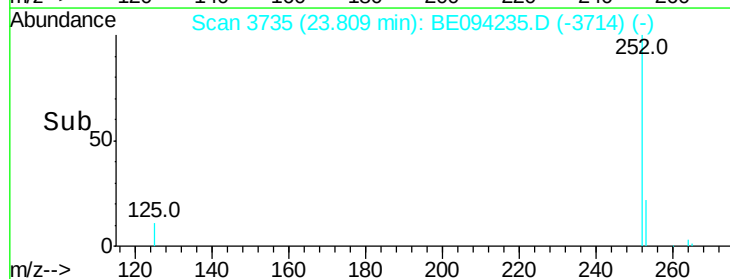
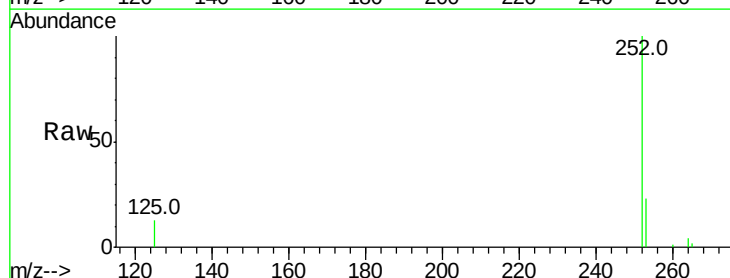
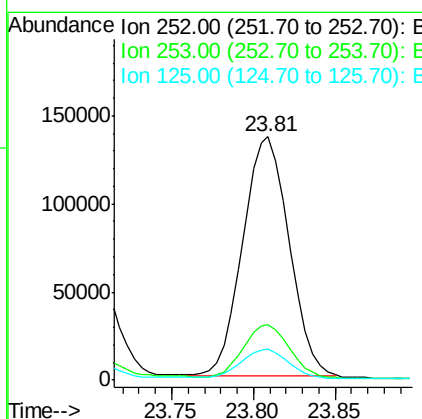
RT: 23.81 min Scan# 3735

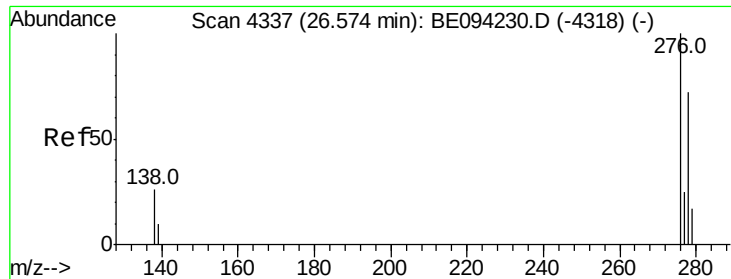
Delta R.T. -0.00 min

Lab File: BE094235.D

Acq: 9 Oct 2017 23:55

Tgt Ion:	252	Resp:	266106
Ion Ratio	Lower	Upper	
252	100		
253	22.7	28.5	42.7#
125	12.6	18.1	27.1#





#24

Indeno(1,2,3-cd)pyrene

Concen: 3.359 ng/ul m

RT: 26.57 min Scan# 4337

Delta R.T. -0.01 min

Lab File: BE094235.D

Acq: 9 Oct 2017 23:55

Instrument :

BNA_E

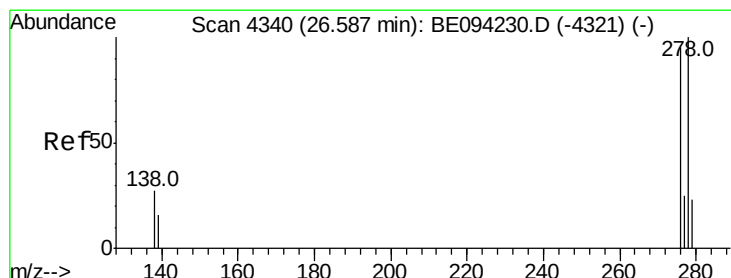
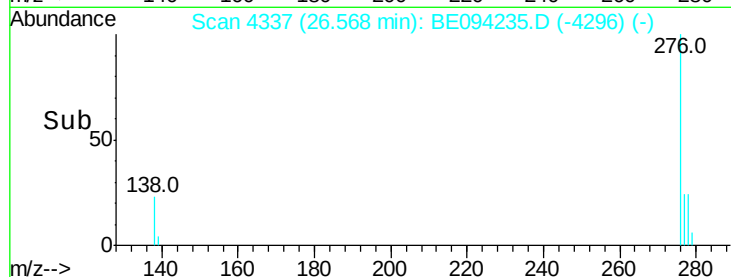
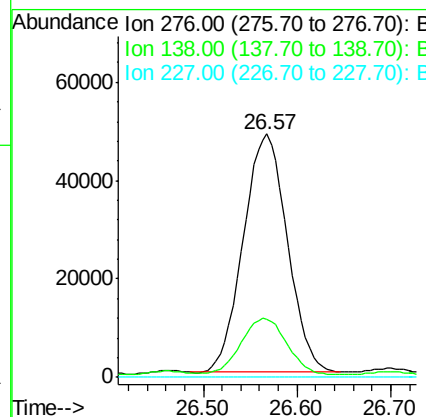
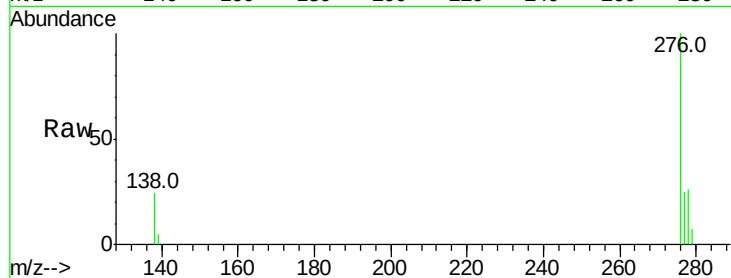
ClientSampleId :

C0AC7

Tot Ion:	276	Resp:	158355
Ion Ratio	Lower	Upper	
276	100		
138	0.7	28.0	42.0#
227	0.0	8.0	12.0#

Manual Integrations
APPROVED

Sohil
10/10/2017 4:58:15 PM



#25

Dibenzo(a,h)anthracene

Concen: 1.279 ng/ul m

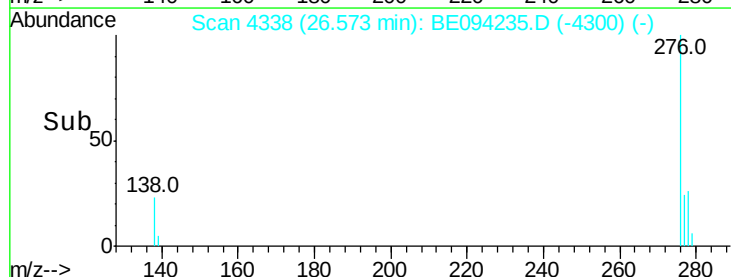
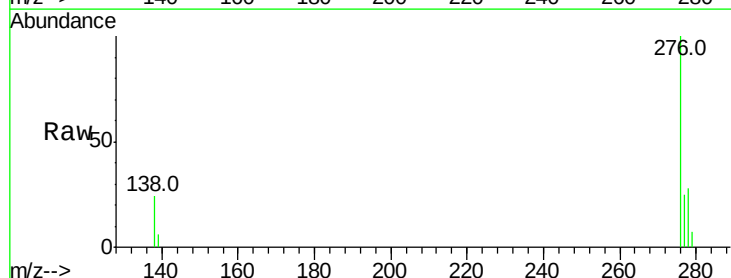
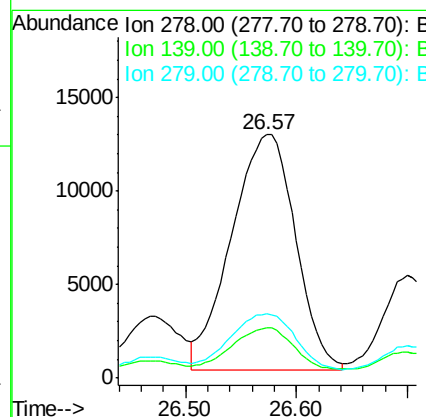
RT: 26.57 min Scan# 4338

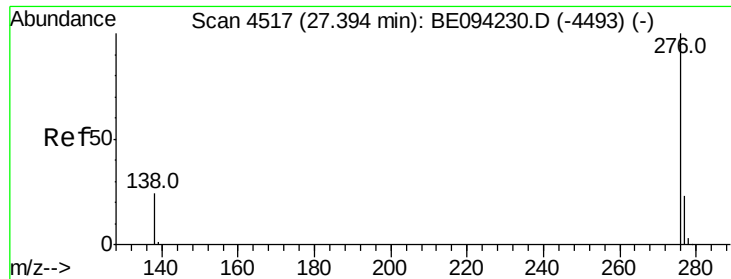
Delta R.T. -0.03 min

Lab File: BE094235.D

Acq: 9 Oct 2017 23:55

Tgt Ion:	278	Resp:	50564
Ion Ratio	Lower	Upper	
278	100		
139	20.8	17.4	26.0
279	26.6	25.9	38.9





#26

Benzo(a,h,i)perylene

Concen: 2.938 ng/ul m

RT: 27.39 min Scan# 4518

Delta R.T. -0.01 min

Lab File: BE094235.D

Acq: 9 Oct 2017 23:55

Instrument :

BNA_E

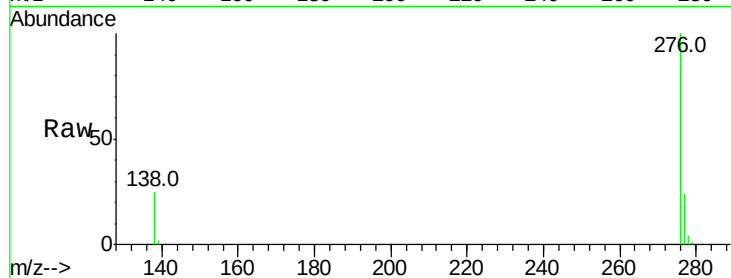
ClientSampleId :

C0AC7

Tot Ion:	276	Resp:	119489
Ion Ratio	Lower	Upper	
276	100		
138	25.4	21.8	32.8
277	24.5	20.5	30.7

Manual Integrations
APPROVED

Sohil
10/10/2017 4:58:15 PM



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

