

Data Path : Z:\HPCHEM1\BNA E\DATA\BE100917\
 Data File : BE094233.D
 Acq On : 9 Oct 2017 22:41
 Operator : SJ/JU
 Sample : I5522-18
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AC4

Manual Integrations
 APPROVED

Sohil
 10/10/2017 4:58:11 PM

Quant Time: Oct 10 09:16:31 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	7.91	152	2573	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	13312	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	7840	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.24	188	17432	0.40	ng/ul	-0.04
16) Chrysene-d12	21.41	240	17990	0.40	ng/ul	0.00
20) Perylene-d12	23.91	264	19100	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	1892	0.09	ng/ul	-0.01
14) Fluoranthene-d10	19.27	212	5468	0.09	ng/ul	-0.02
Target Compounds					Ovalue	
3) Naphthalene	10.74	128	2819	0.086	ng/ul#	96
5) 2-Methylnaphthalene	12.35	142	911	0.043	ng/ul	100
7) Acenaphthylene	14.24	152	1373	0.045	ng/ul#	89
8) Acenaphthene	14.57	153	3106	0.123	ng/ul	97
9) Fluorene	15.56	166	3201	0.109	ng/ul	93
12) Phenanthrene	17.29	178	70872	1.556	ng/ul#	92
13) Anthracene	17.38	178	15613	0.352	ng/ul#	92
15) Fluoranthene	19.30	202	127640	2.132	ng/ul	84
17) Pyrene	19.66	202	111303	2.224	ng/ul#	83
18) Benzo(a)anthracene	21.39	228	61070	1.280	ng/ul#	87
19) Chrysene	21.45	228	56921	1.033	ng/ul	99
21) Benzo(b)fluoranthene	23.15	252	70655m	1.362	ng/ul	
22) Benzo(k)fluoranthene	23.19	252	22757m	0.379	ng/ul	
23) Benzo(a)pyrene	23.80	252	50022	0.928	ng/ul#	81
24) Indeno(1,2,3-cd)pyrene	26.56	276	30148	0.547	ng/ul#	79
25) Dibenzo(a,h)anthracene	26.57	278	8023	0.173	ng/ul#	94
26) Benzo(a,h,i)perylene	27.39	276	21441	0.451	ng/ul	99

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

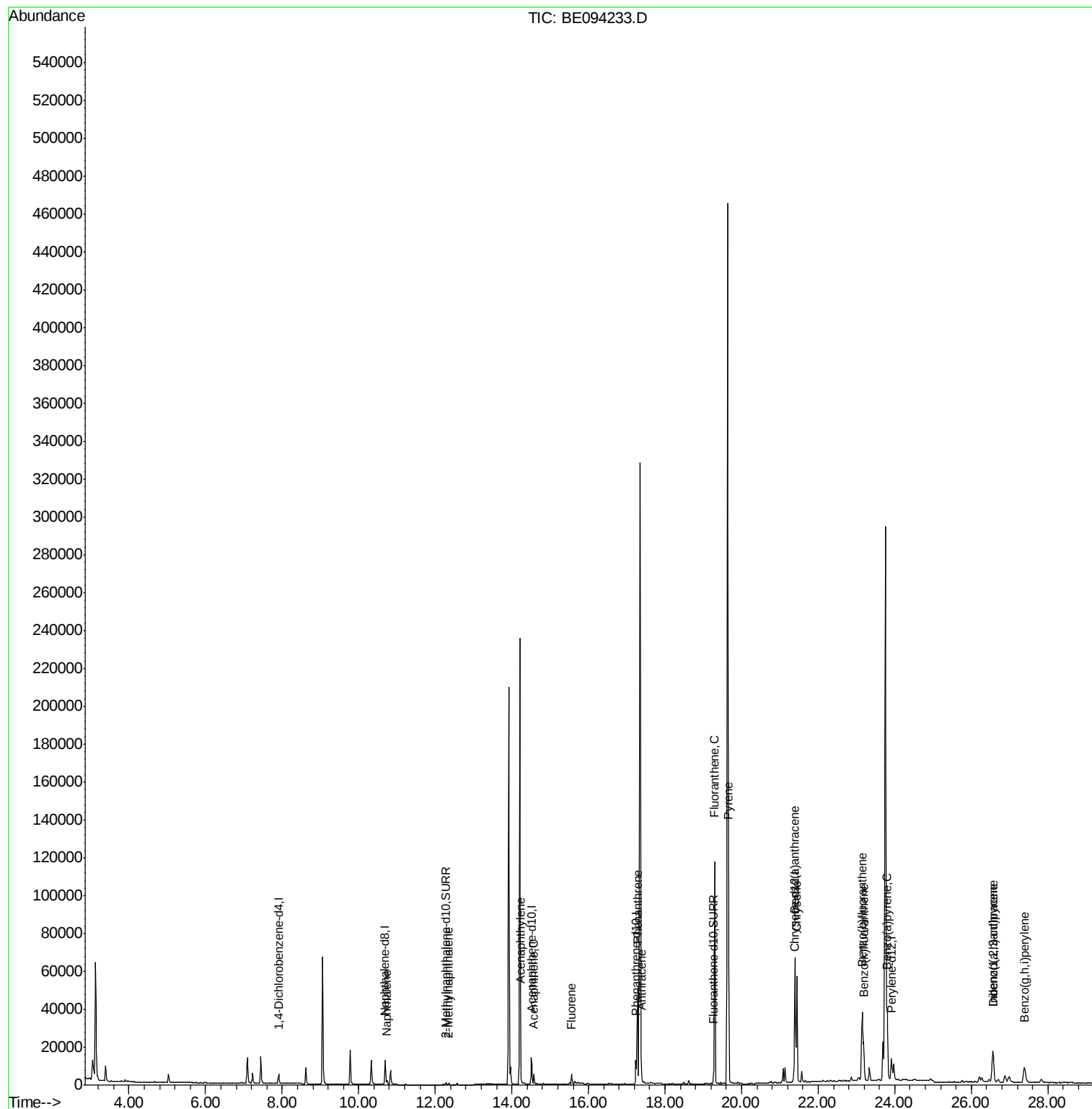
Data Path : Z:\HPCHEM1\BNA E\DATA\BE100917\
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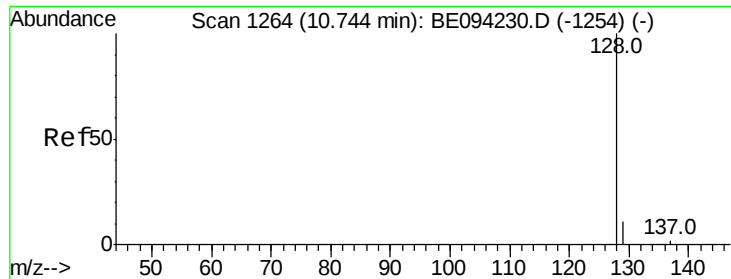
Instrument :
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#3

Naphthalene

Concen: 0.086 ng/ul

RT: 10.74 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BE094233.D

Acq: 9 Oct 2017 22:41

Instrument :

BNA_E

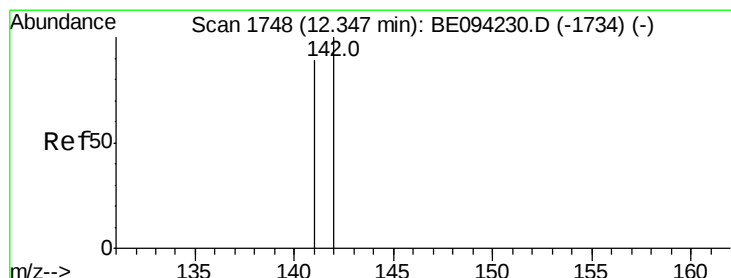
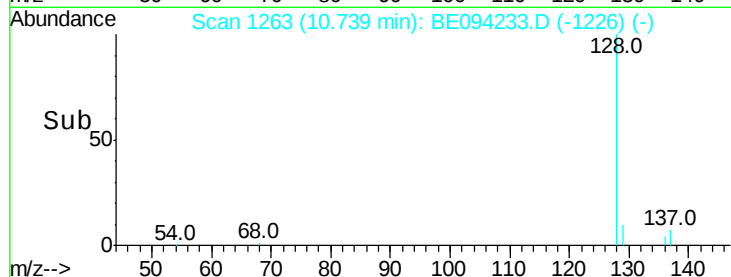
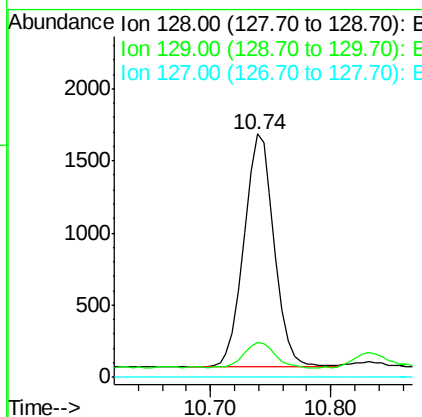
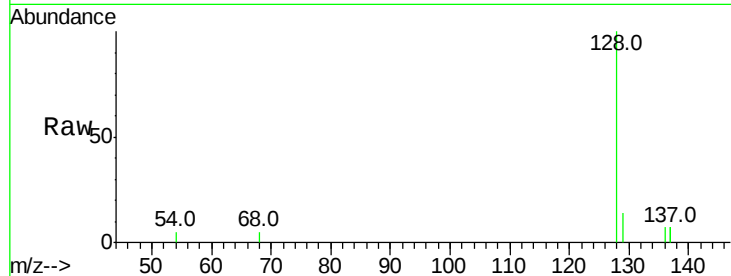
ClientSampled :

C0AC4

Tot Ion:	128	Resp:	2819
Ion	Ratio	Lower	Upper
128	100		
129	14.1	11.3	16.9
127	0.0	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 0.043 ng/ul

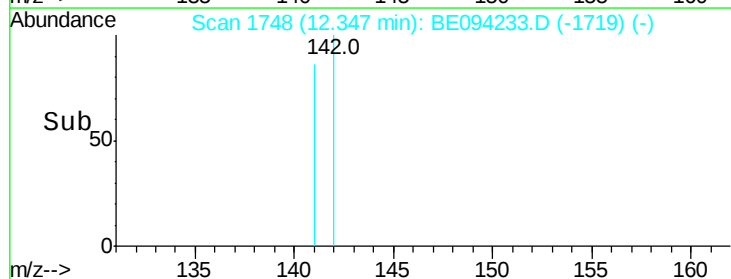
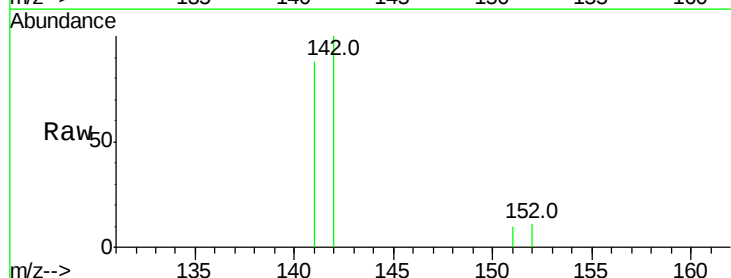
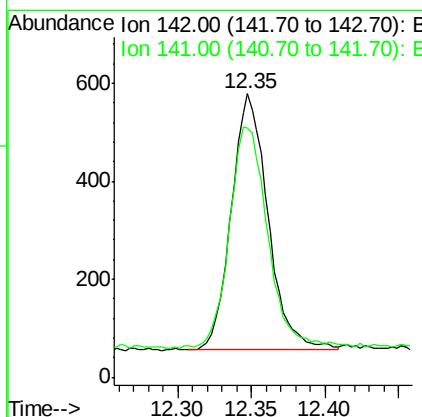
RT: 12.35 min Scan# 1748

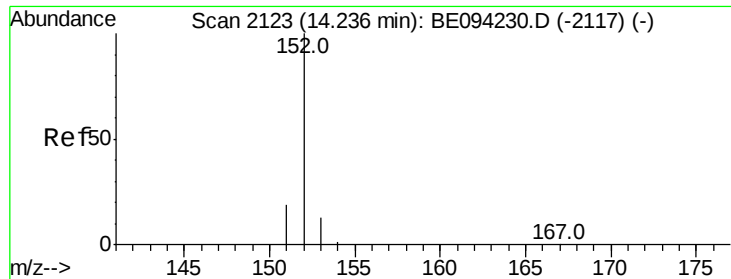
Delta R.T. -0.01 min

Lab File: BE094233.D

Acq: 9 Oct 2017 22:41

Tgt Ion:	142	Resp:	911
Ion	Ratio	Lower	Upper
142	100		
141	91.1	72.6	108.8





#7

Acenaphthylene

Concen: 0.045 ng/ul

RT: 14.24 min Scan# 2123

Delta R.T. -0.02 min

Lab File: BE094233.D

Acq: 9 Oct 2017 22:41

Instrument :

BNA_E

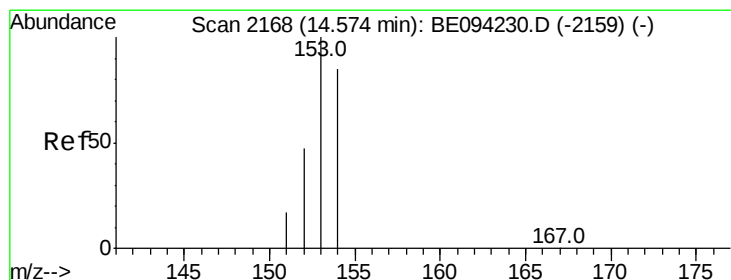
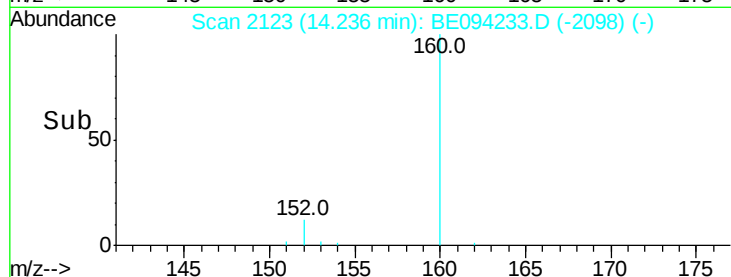
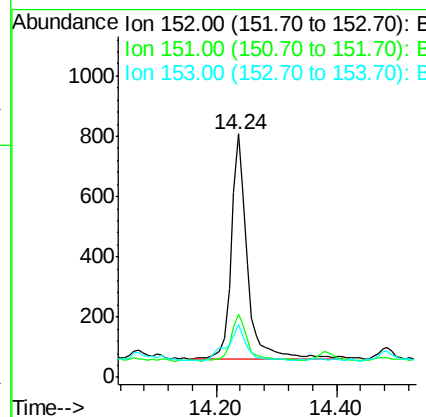
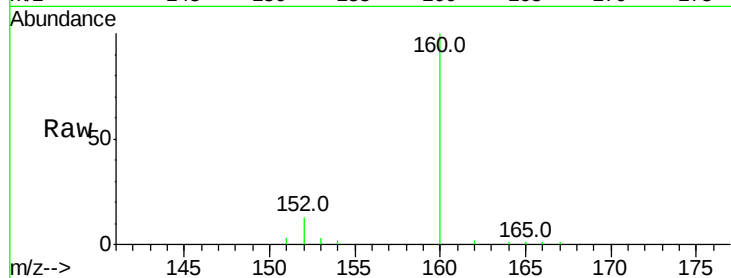
ClientSampled :

C0AC4

Tot Ion:	152	Resp:	1373
Ion Ratio	Lower	Upper	
152	100		
151	26.0	17.1	25.7#
153	21.7	12.8	19.2#

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#8

Acenaphthene

Concen: 0.123 ng/ul

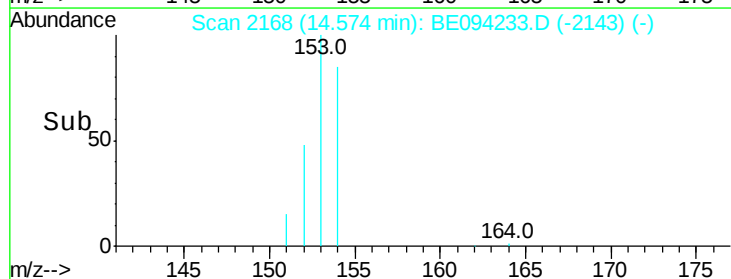
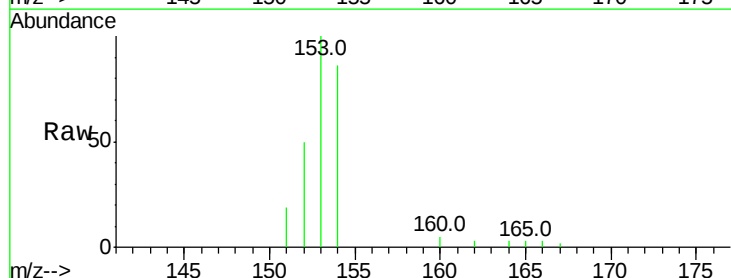
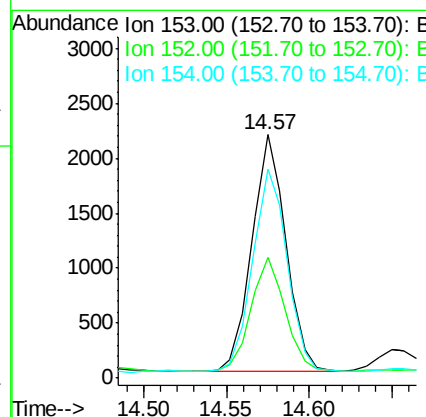
RT: 14.57 min Scan# 2168

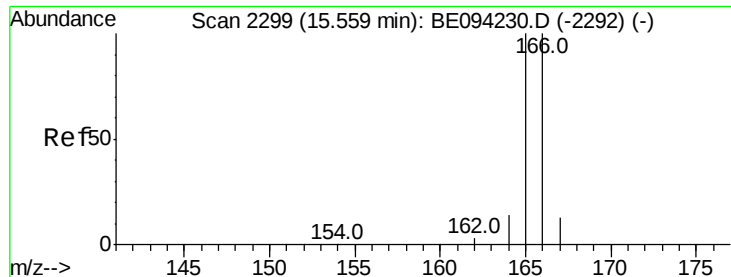
Delta R.T. -0.02 min

Lab File: BE094233.D

Acq: 9 Oct 2017 22:41

Tgt Ion:	153	Resp:	3106
Ion Ratio	Lower	Upper	
153	100		
152	49.8	40.3	60.5
154	85.8	71.4	107.2





#9

Fluorene

Concen: 0.109 ng/ul

RT: 15.56 min Scan# 2299

Delta R.T. -0.02 min

Lab File: BE094233.D

Acq: 9 Oct 2017 22:41

Instrument :

BNA_E

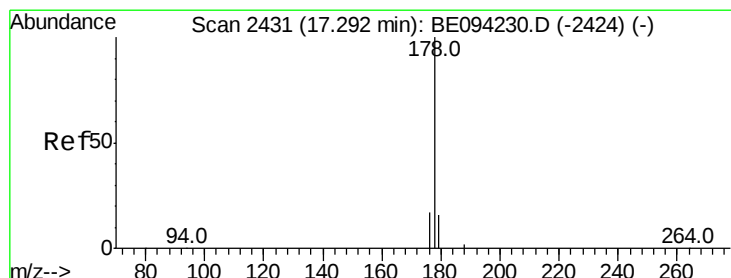
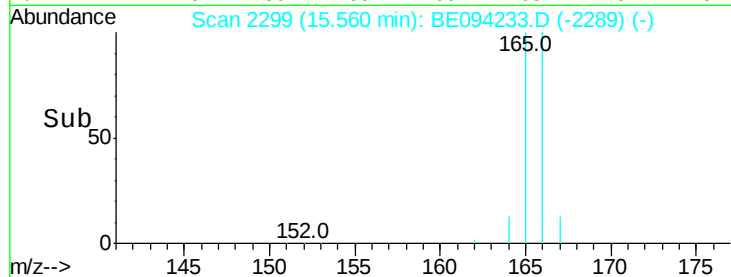
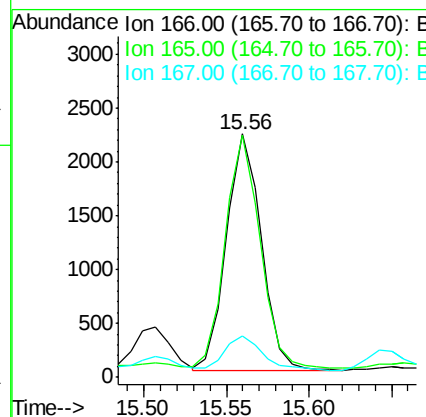
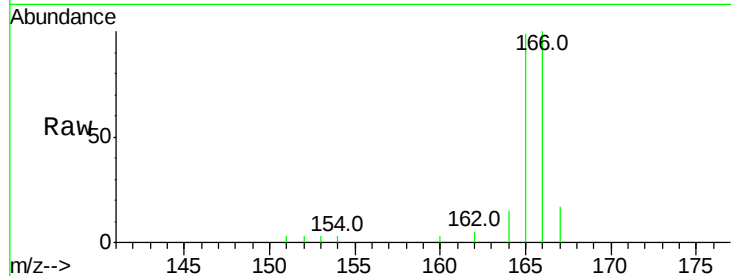
ClientSampleId :

C0AC4

Tot Ion:	166	Resp:	3201
Ion Ratio	Lower	Upper	
166	100		
165	99.3	73.4	110.2
167	16.9	14.6	22.0

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#12

Phenanthrene

Concen: 1.556 ng/ul

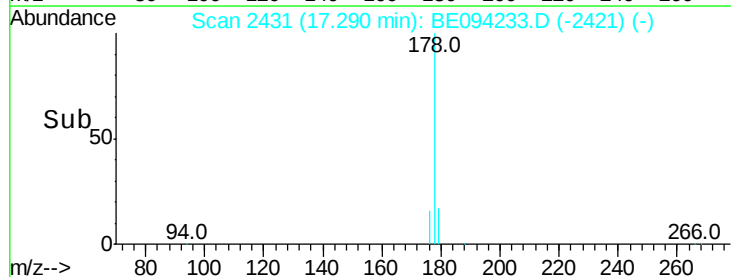
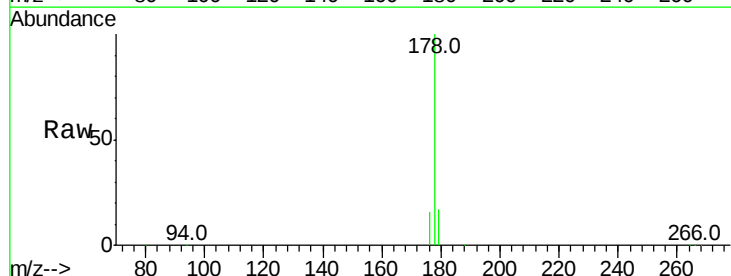
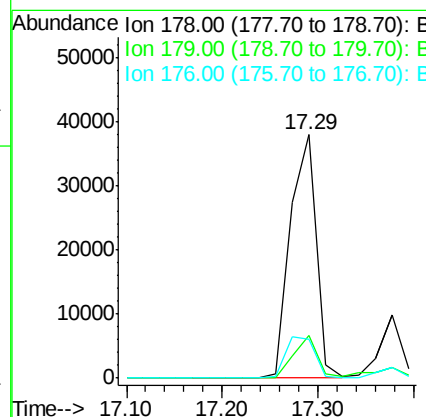
RT: 17.29 min Scan# 2431

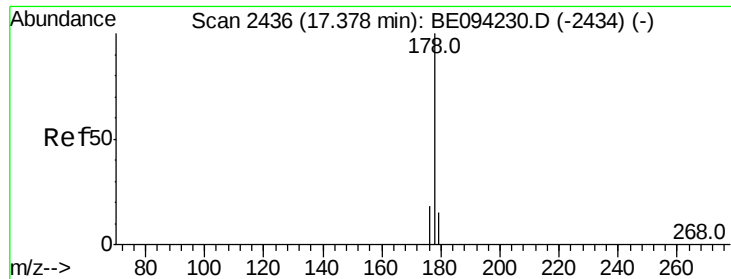
Delta R.T. -0.02 min

Lab File: BE094233.D

Acq: 9 Oct 2017 22:41

Tgt Ion:	178	Resp:	70872
Ion Ratio	Lower	Upper	
178	100		
179	17.3	18.4	27.6#
176	16.1	13.6	20.4





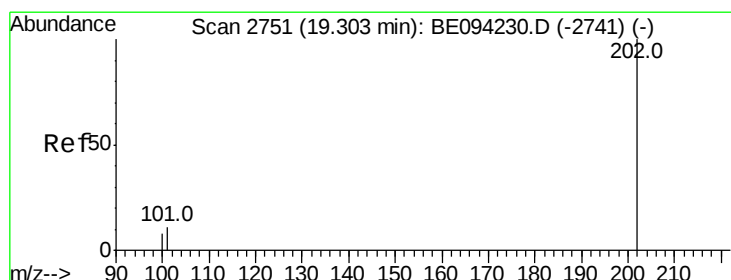
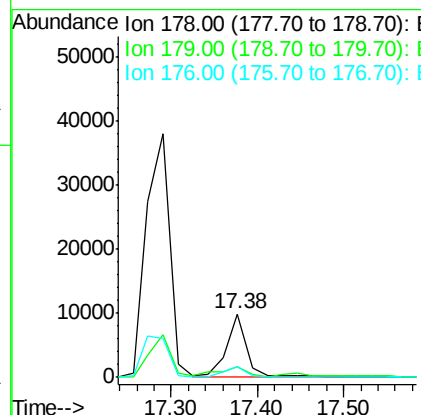
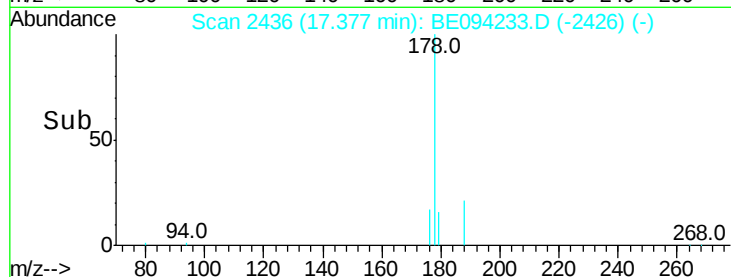
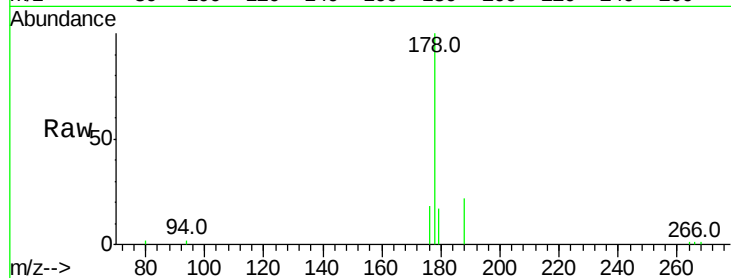
#13
 Anthracene
 Concen: 0.352 ng/ul
 RT: 17.38 min Scan# 2436
 Delta R.T. -0.02 min
 Lab File: BE094233.D
 Acq: 9 Oct 2017 22:41

Instrument :
 BNA_E
 ClientSampled :
 C0AC4

Tot Ion:178 Resp: 15613
 Ion Ratio Lower Upper
 178 100
 179 16.8 18.1 27.1#
 176 17.6 14.7 22.1

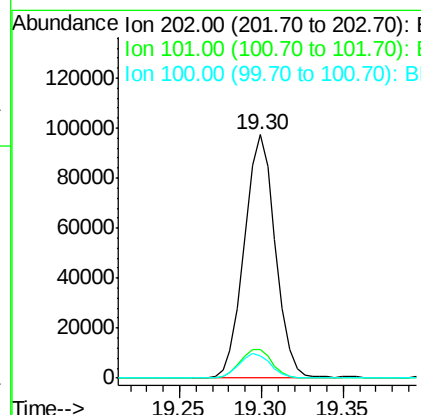
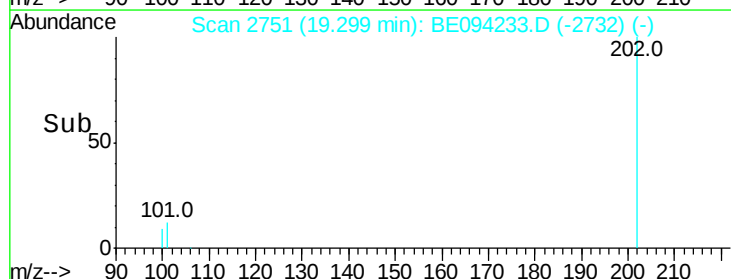
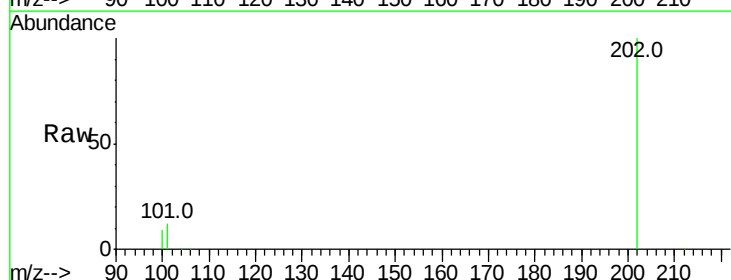
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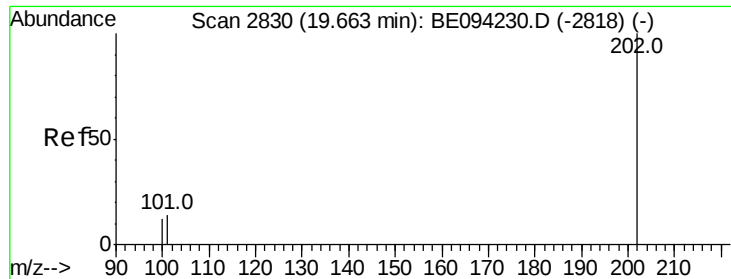
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#15
 Fluoranthene
 Concen: 2.132 ng/ul
 RT: 19.30 min Scan# 2751
 Delta R.T. -0.01 min
 Lab File: BE094233.D
 Acq: 9 Oct 2017 22:41

Tgt Ion:202 Resp: 127640
 Ion Ratio Lower Upper
 202 100
 101 11.7 0.0 30.3
 100 9.2 0.0 39.5





#17

Pvrene

Concen: 2.224 ng/ul

RT: 19.66 min Scan# 2830

Delta R.T. -0.01 min

Lab File: BE094233.D

Acq: 9 Oct 2017 22:41

Instrument :

BNA_E

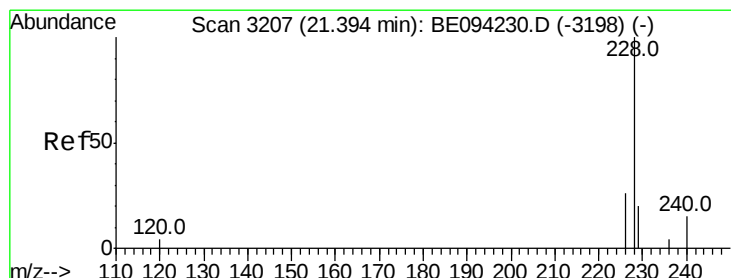
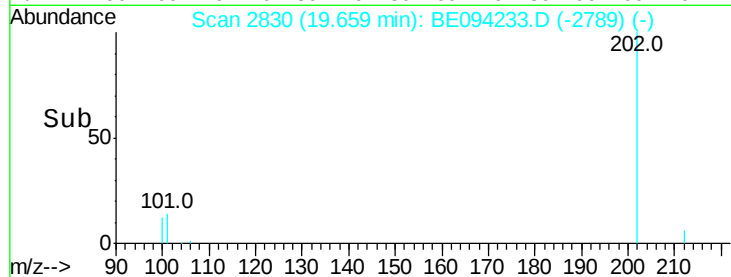
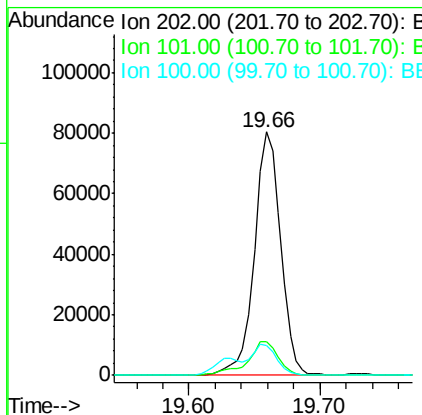
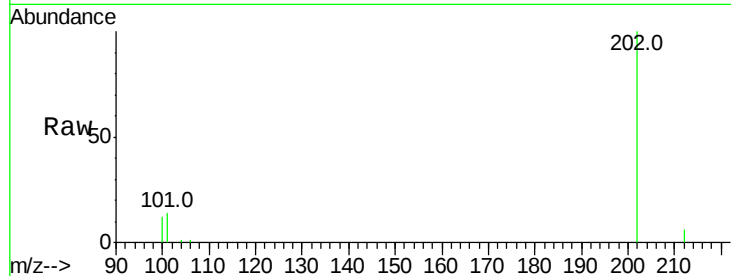
ClientSampleId :

C0AC4

Tot Ion:	202	Resp:	111303
Ion Ratio	Lower	Upper	
202	100		
101	14.0	18.2	27.4#
100	12.1	15.6	23.4#

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#18

Benzo(a)anthracene

Concen: 1.280 ng/ul

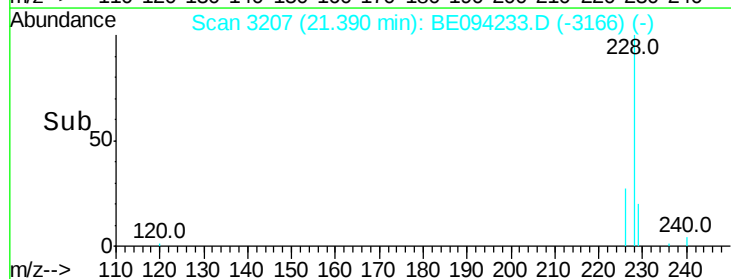
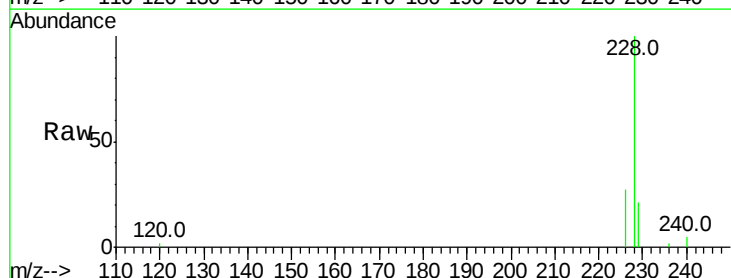
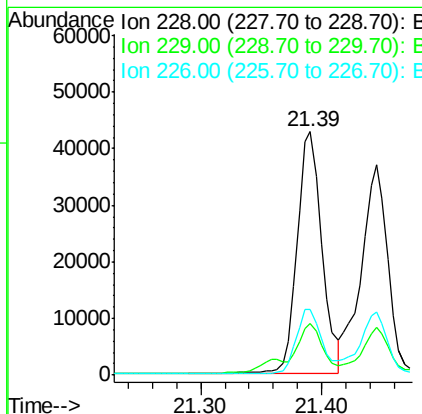
RT: 21.39 min Scan# 3207

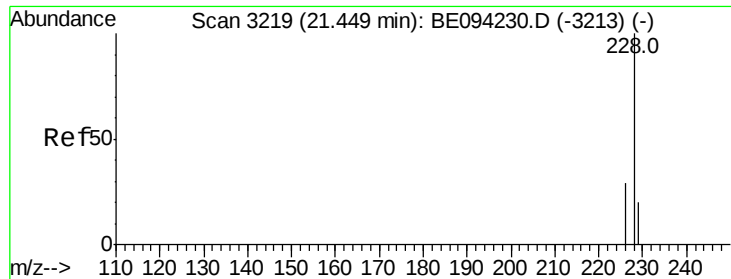
Delta R.T. -0.01 min

Lab File: BE094233.D

Acq: 9 Oct 2017 22:41

Tgt Ion:	228	Resp:	61070
Ion Ratio	Lower	Upper	
228	100		
229	21.1	22.8	34.2#
226	27.1	17.0	25.6#





#19

Chrysene

Concen: 1.033 ng/ul

RT: 21.45 min Scan# 3219

Delta R.T. -0.01 min

Lab File: BE094233.D

Acq: 9 Oct 2017 22:41

Instrument :

BNA_E

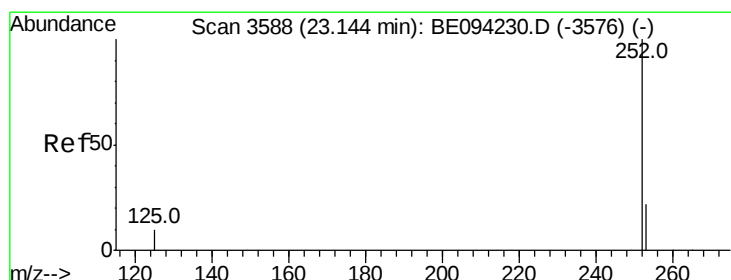
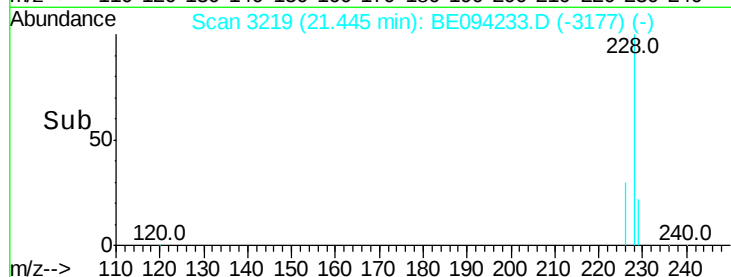
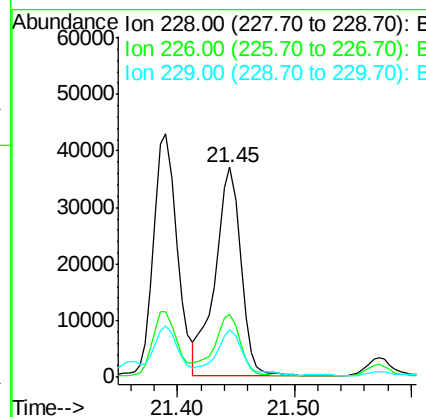
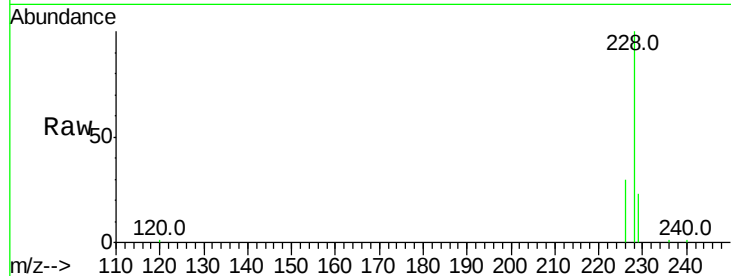
ClientSampleId :

C0AC4

Tot Ion:	228	Resp:	56921
Ion Ratio	Lower	Upper	
228	100		
226	30.0	23.4	35.0
229	22.6	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 1.362 ng/ul m

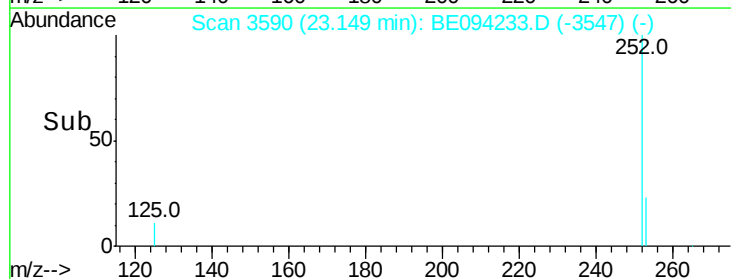
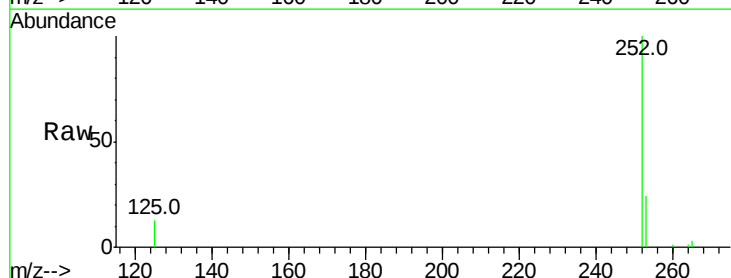
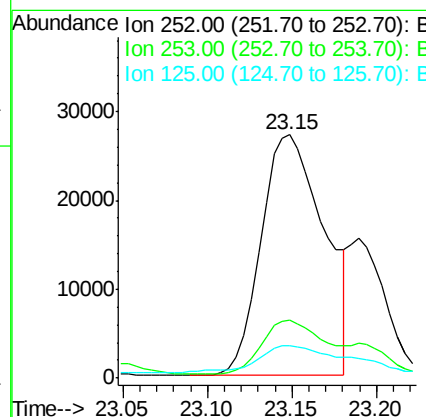
RT: 23.15 min Scan# 3590

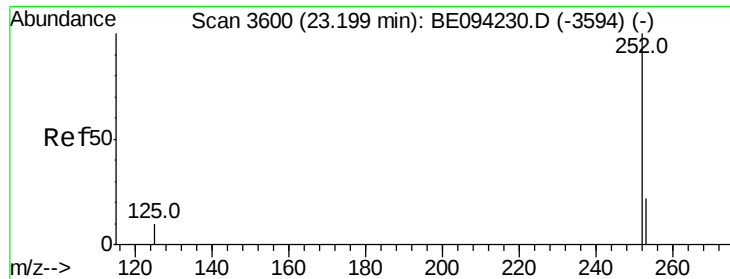
Delta R.T. -0.00 min

Lab File: BE094233.D

Acq: 9 Oct 2017 22:41

Tgt Ion:	252	Resp:	70655
Ion Ratio	Lower	Upper	
252	100		
253	24.0	0.0	64.2
125	13.3	0.0	35.0





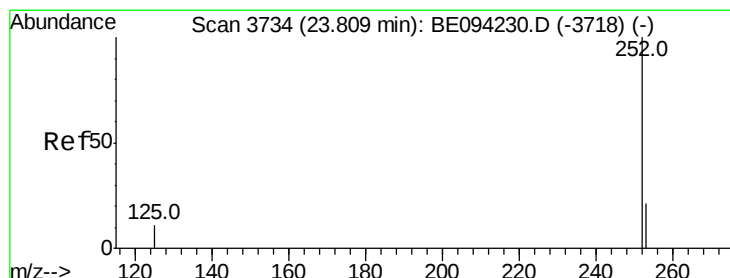
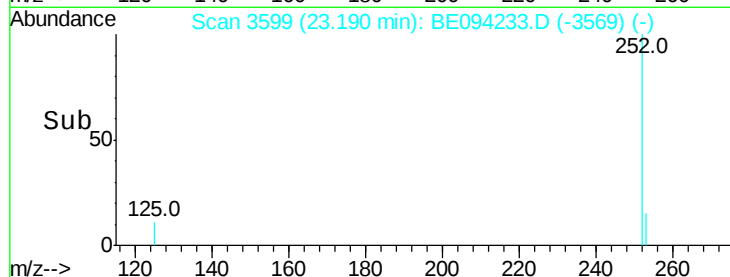
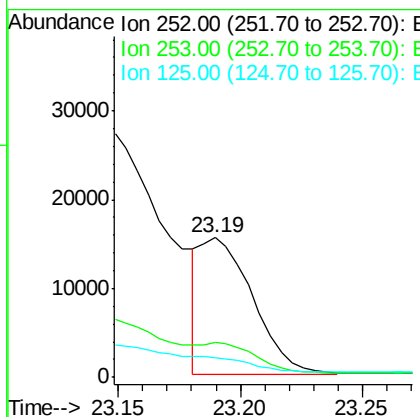
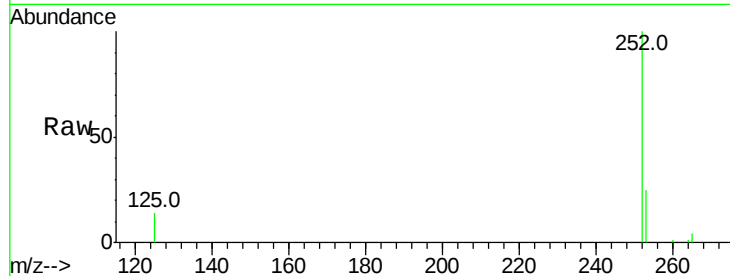
#22
Benzo(k)fluoranthene
Concen: 0.379 ng/ul m
RT: 23.19 min Scan# 3599
Delta R.T. -0.01 min
Lab File: BE094233.D
Acq: 9 Oct 2017 22:41

Instrument :
BNA_E
ClientSampleId :
C0AC4

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.1	24.5	36.7
125	14.3	13.7	20.5

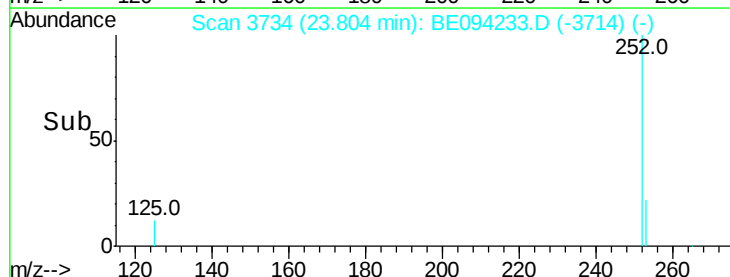
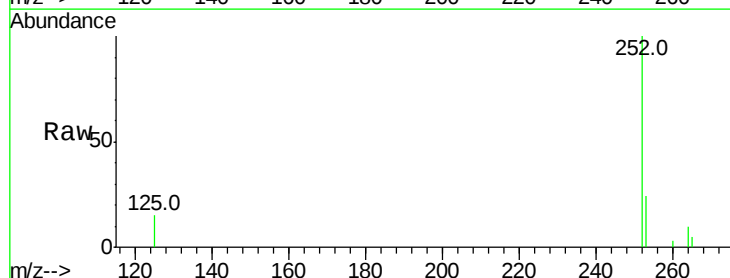
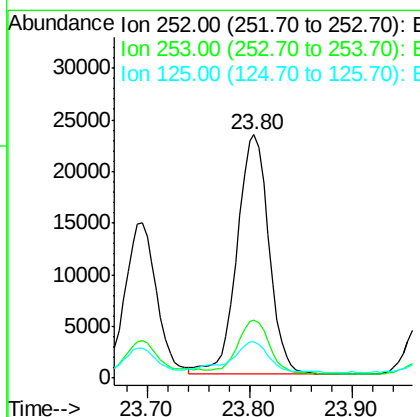
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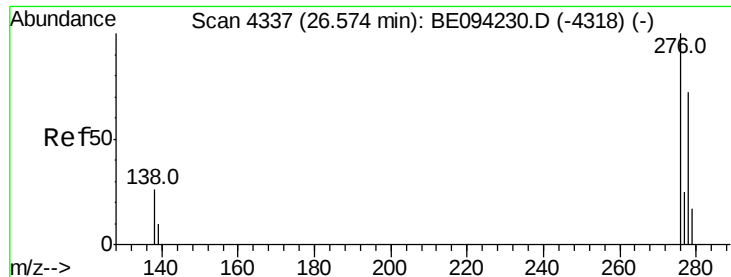
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#23
Benzo(a)pyrene
Concen: 0.928 ng/ul
RT: 23.80 min Scan# 3734
Delta R.T. -0.01 min
Lab File: BE094233.D
Acq: 9 Oct 2017 22:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	28.5	42.7#
125	14.6	18.1	27.1#





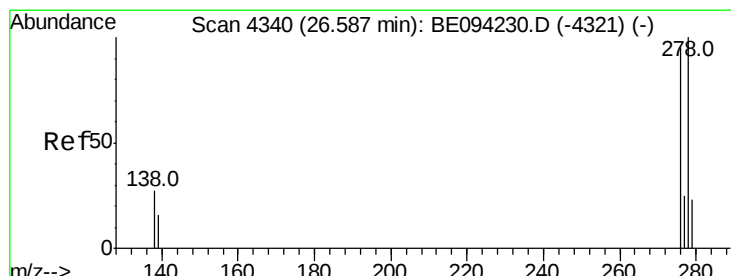
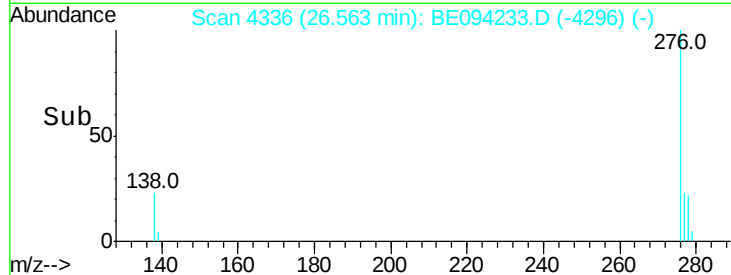
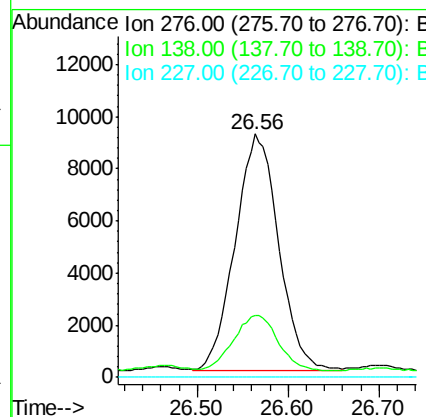
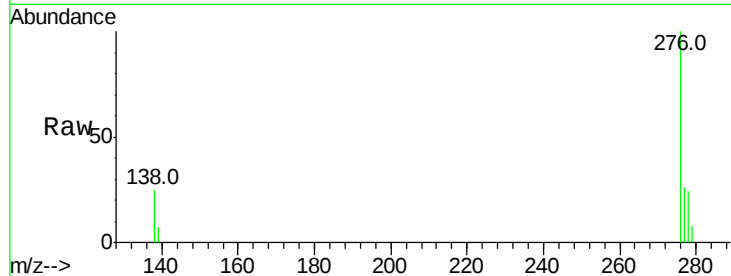
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.547 ng/ul
 RT: 26.56 min Scan# 4336
 Delta R.T. -0.02 min
 Lab File: BE094233.D
 Acq: 9 Oct 2017 22:41

Instrument :
 BNA_E
 ClientSampleId :
 C0AC4

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.6	28.0	42.0#
227	0.0	8.0	12.0#

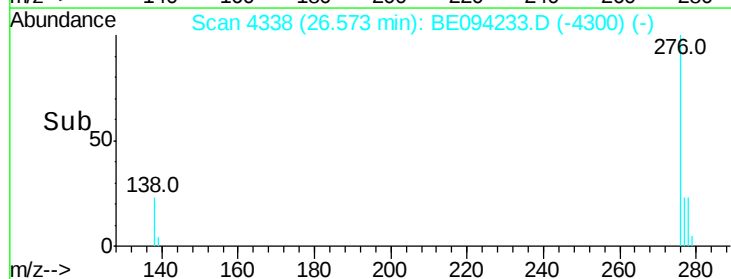
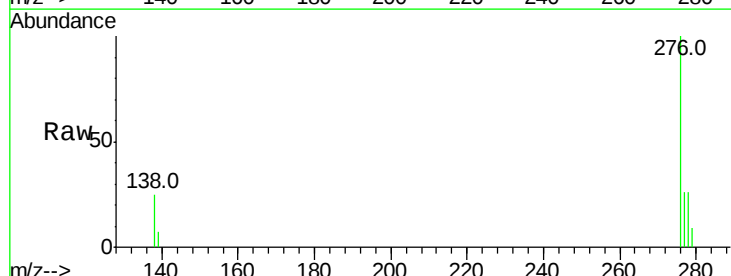
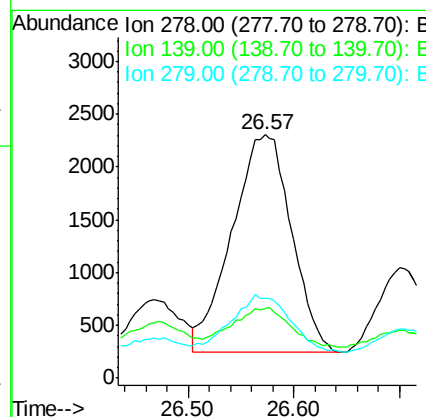
Manual Integrations
 APPROVED

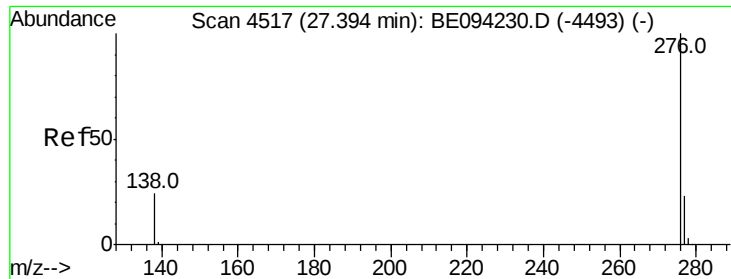
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#25
 Dibenzo(a,h)anthracene
 Concen: 0.173 ng/ul
 RT: 26.57 min Scan# 4338
 Delta R.T. -0.03 min
 Lab File: BE094233.D
 Acq: 9 Oct 2017 22:41

Tgt Ion	Ratio	Lower	Upper
278	100		
139	28.6	17.4	26.0#
279	32.9	25.9	38.9





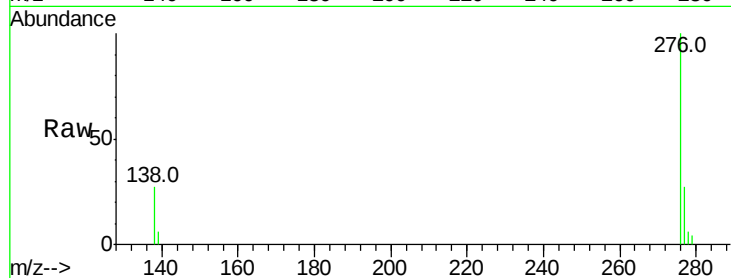
#26
 Benzo(a,h,i)perylene
 Concen: 0.451 ng/ul
 RT: 27.39 min Scan# 4517
 Delta R.T. -0.01 min
 Lab File: BE094233.D
 Acq: 9 Oct 2017 22:41

Instrument :
 BNA_E
 ClientSampleId :
 C0AC4

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.3	21.8	32.8
277	26.8	20.5	30.7

Manual Integrations
 APPROVED

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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

