

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
 Data File : BE094619.D
 Acq On : 28 Oct 2017 12:51
 Operator : SJ/JU
 Sample : I5842-03DL 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AA3DL

Manual Integrations
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Quant Time: Oct 30 03:41:25 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 30 02:53:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1400	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	8163	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	4634	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	10554	0.40	ng/ul	0.00
16) Chrysene-d12	21.42	240	10622	0.40	ng/ul	0.00
20) Perylene-d12	23.96	264	10825	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	616	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	1547	0.05	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.74	128	727	0.036	ng/ul#	78
5) 2-Methylnaphthalene	12.35	142	426	0.031	ng/ul	98
7) Acenaphthylene	14.24	152	791	0.038	ng/ul#	82
8) Acenaphthene	14.58	153	1143	0.076	ng/ul	95
9) Fluorene	15.57	166	1022	0.060	ng/ul	92
12) Phenanthrene	17.29	178	21183	0.760	ng/ul#	89
13) Anthracene	17.38	178	4109	0.149	ng/ul#	93
15) Fluoranthene	19.31	202	60496	1.877	ng/ul	84
17) Pyrene	19.67	202	47188	1.437	ng/ul#	79
18) Benzo(a)anthracene	21.41	228	14359	0.473	ng/ul#	88
19) Chrysene	21.46	228	25281	0.805	ng/ul	97
21) Benzo(b)fluoranthene	23.18	252	20295m	0.666	ng/ul	
22) Benzo(k)fluoranthene	23.22	252	6724m	0.206	ng/ul	
23) Benzo(a)pyrene	23.85	252	9160	0.301	ng/ul	94
24) Indeno(1,2,3-cd)pyrene	26.66	276	5308	0.169	ng/ul#	73
26) Benzo(a,h,i)perylene	27.51	276	3966	0.157	ng/ul#	70

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

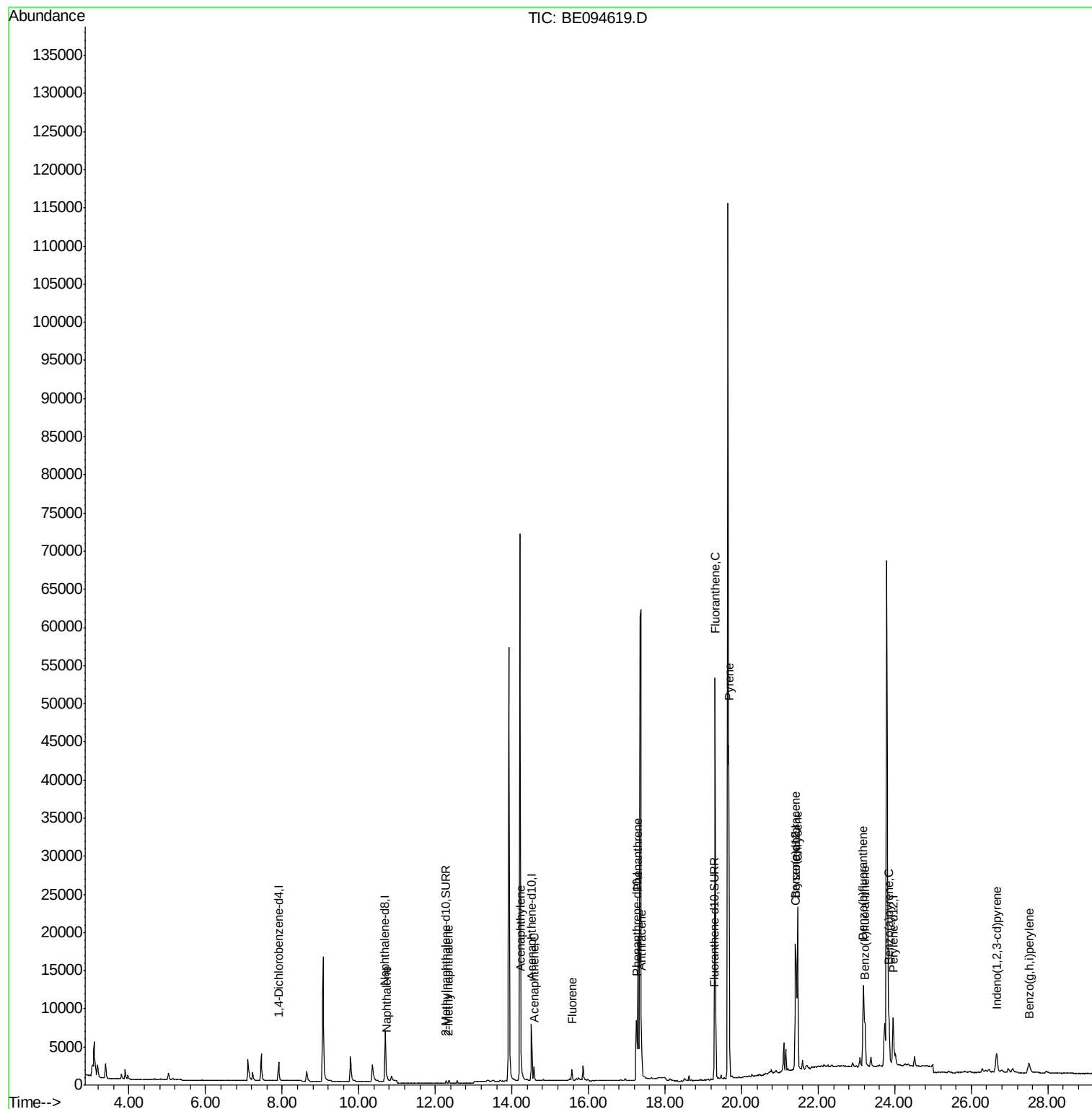
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
Data File : BE094619.D
Acq On : 28 Oct 2017 12:51
Operator : SJ/JU
Sample : I5842-03DL 5X
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ALS Vial : 22 Sample Multiplier: 1

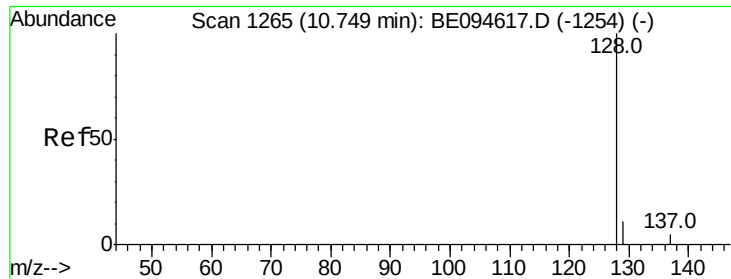
Instrument :
BNA_E
ClientSampleId :
C0AA3DL

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Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
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QLast Update : Mon Oct 30 02:53:50 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.036 ng/ul

RT: 10.74 min Scan# 1264

Delta R.T. -0.00 min

Lab File: BE094619.D

Acq: 28 Oct 2017 12:51

Instrument :

BNA_E

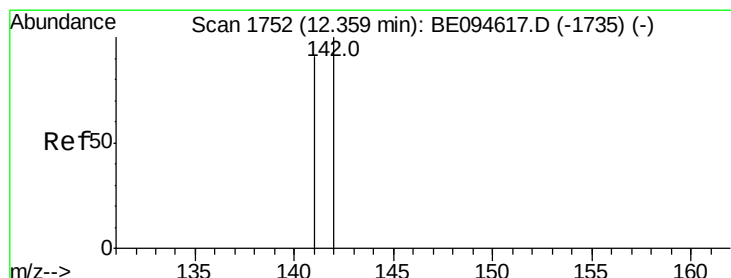
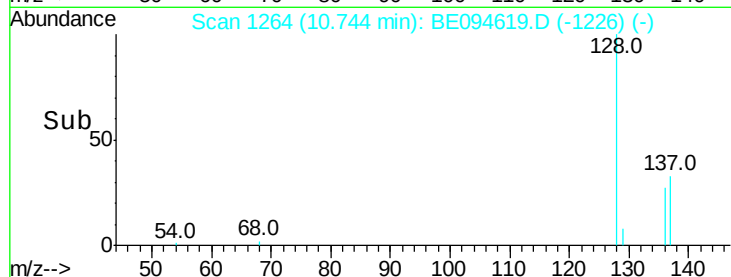
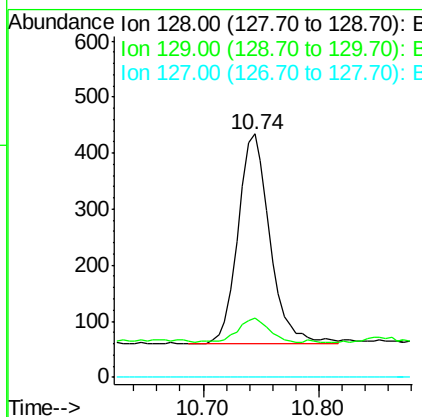
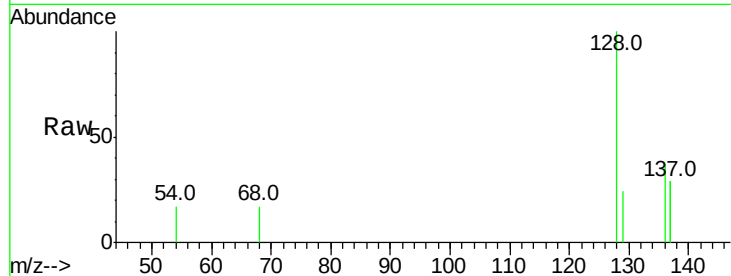
ClientSampleId :

C0AA3DL

Tot Ion:	128	Resp:	727
Ion	Ratio	Lower	Upper
128	100		
129	24.2	11.3	16.9#
127	0.0	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 0.031 ng/ul

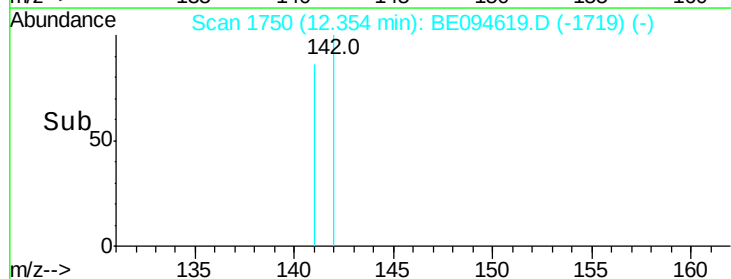
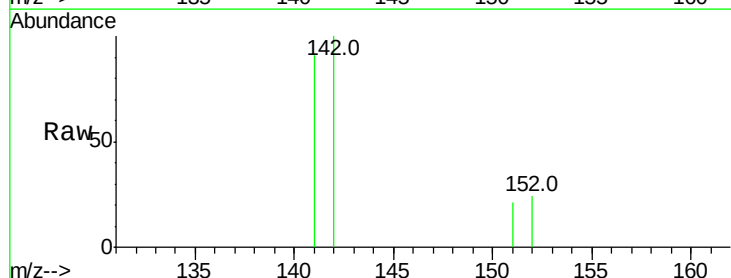
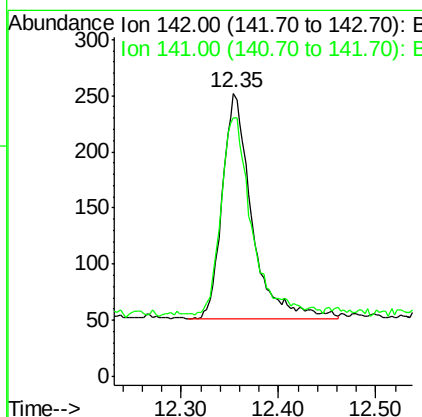
RT: 12.35 min Scan# 1750

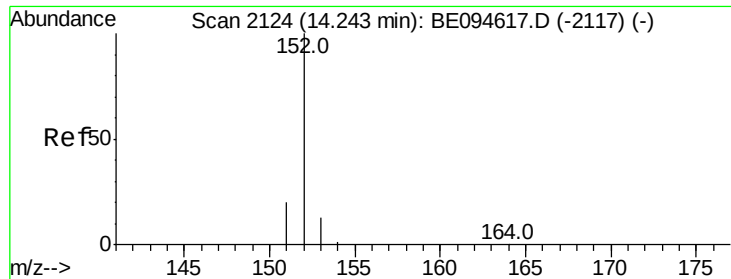
Delta R.T. -0.01 min

Lab File: BE094619.D

Acq: 28 Oct 2017 12:51

Tgt Ion:	142	Resp:	426
Ion	Ratio	Lower	Upper
142	100		
141	88.7	72.6	108.8





#7

Acenaphthylene

Concen: 0.038 ng/ul

RT: 14.24 min Scan# 2123

Delta R.T. -0.00 min

Lab File: BE094619.D

Acq: 28 Oct 2017 12:51

Instrument :

BNA_E

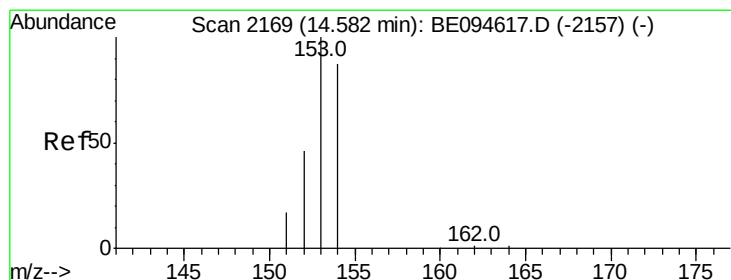
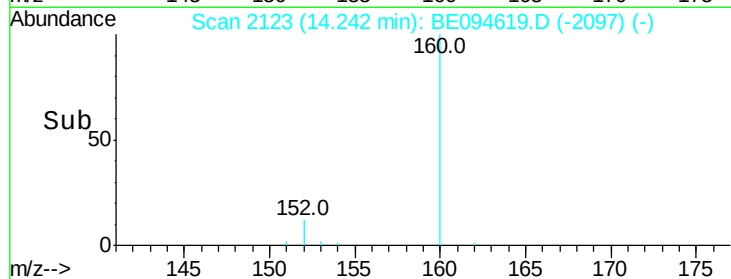
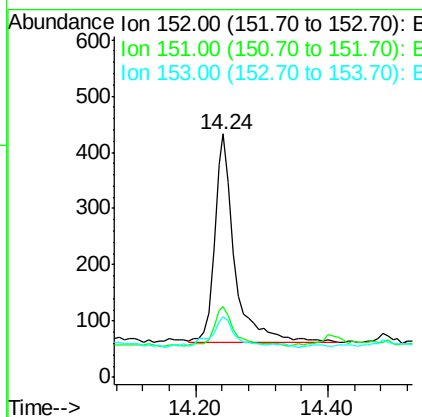
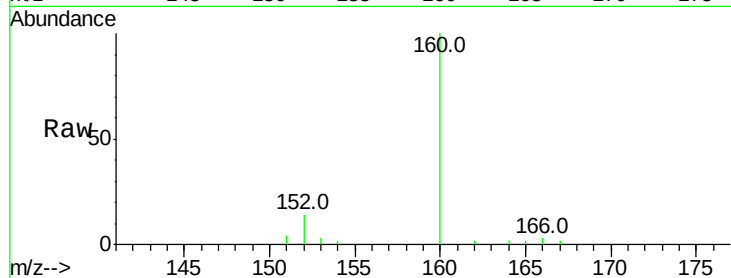
ClientSampleId :

C0AA3DL

Tot Ion:	152	Resp:	791
Ion Ratio	Lower	Upper	
152	100		
151	29.3	17.1	25.7#
153	24.7	12.8	19.2#

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#8

Acenaphthene

Concen: 0.076 ng/ul

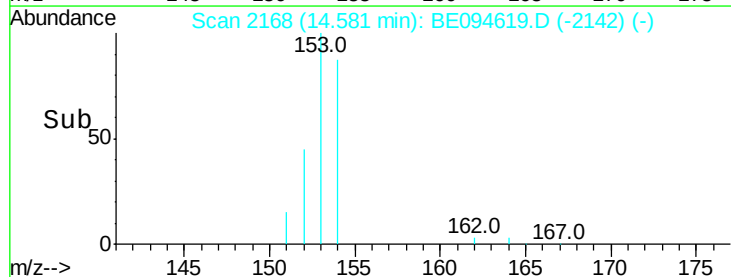
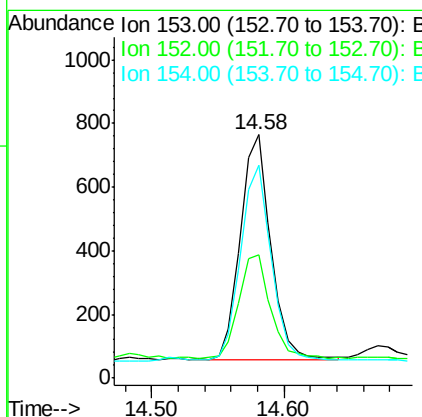
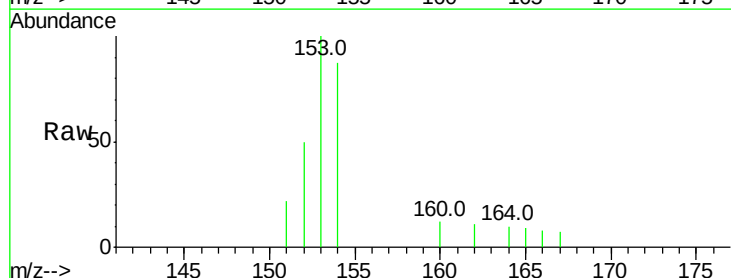
RT: 14.58 min Scan# 2168

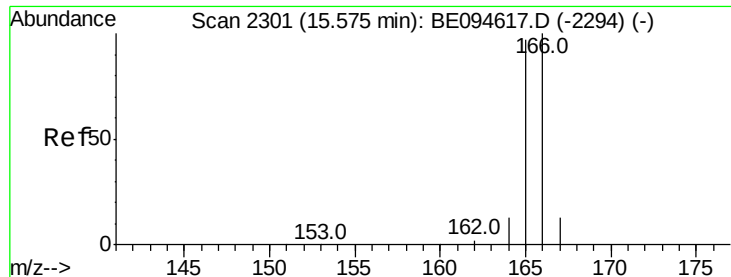
Delta R.T. -0.00 min

Lab File: BE094619.D

Acq: 28 Oct 2017 12:51

Tgt Ion:	153	Resp:	1143
Ion Ratio	Lower	Upper	
153	100		
152	50.5	36.0	54.0
154	87.3	72.0	108.0





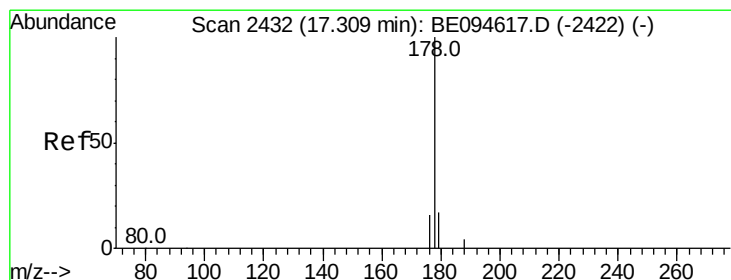
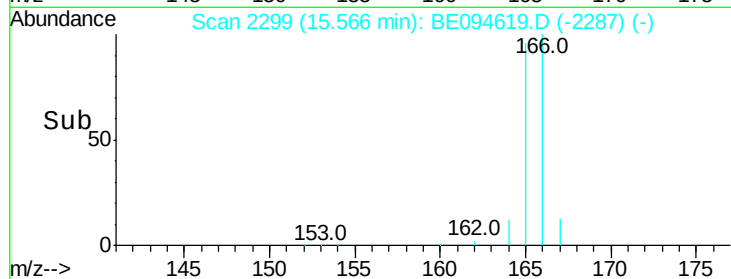
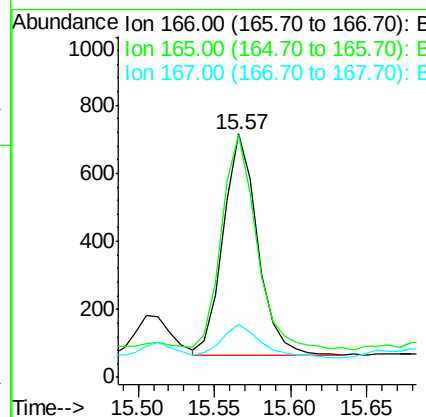
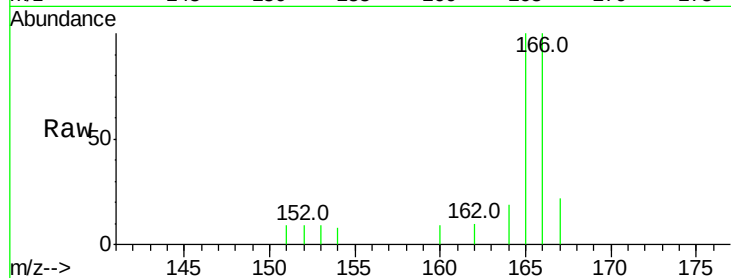
#9
Fluorene
Concen: 0.060 ng/ul
RT: 15.57 min Scan# 2299
Delta R.T. -0.01 min
Lab File: BE094619.D
Acq: 28 Oct 2017 12:51

Instrument :
BNA_E
ClientSampleId :
C0AA3DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.7	73.4	110.2
167	21.9	14.6	22.0

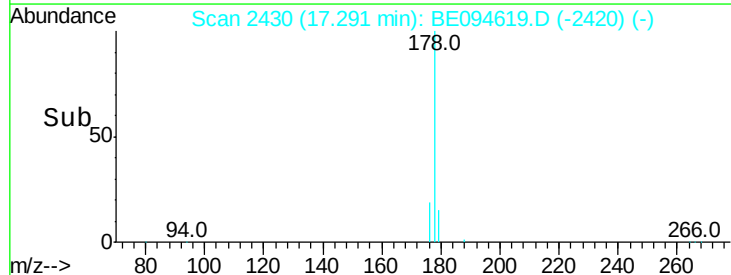
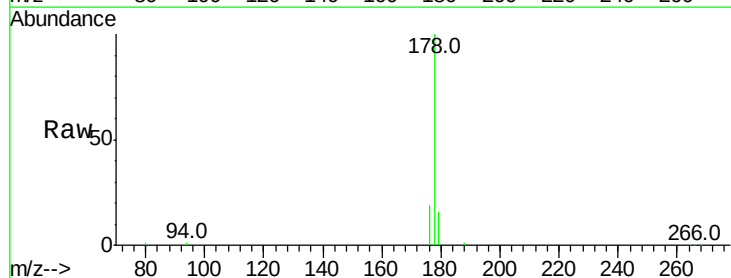
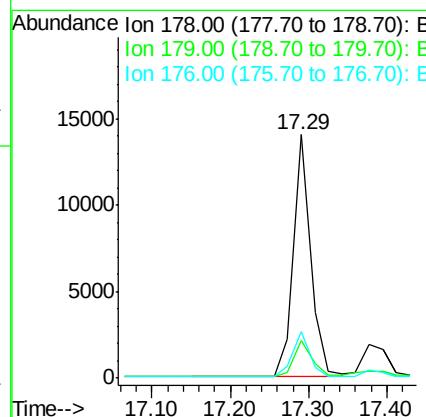
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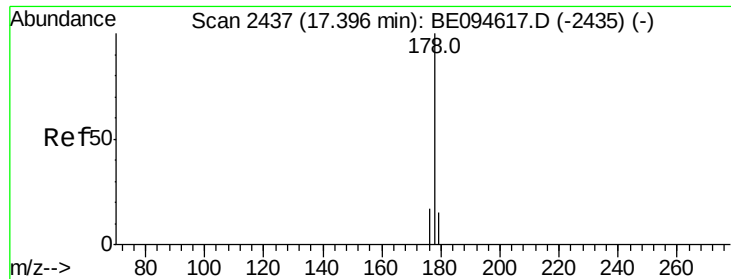
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#12
Phenanthrene
Concen: 0.760 ng/ul
RT: 17.29 min Scan# 2430
Delta R.T. -0.02 min
Lab File: BE094619.D
Acq: 28 Oct 2017 12:51

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.6	18.4	27.6#
176	18.9	13.6	20.4





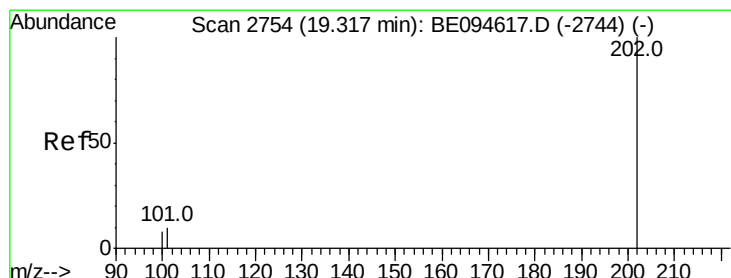
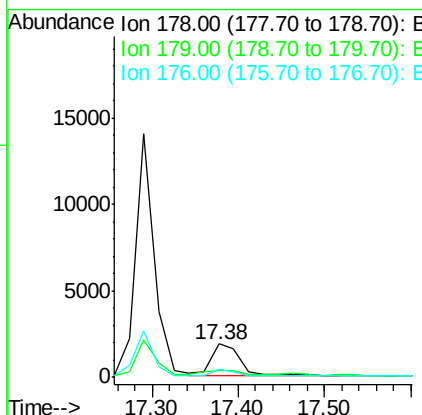
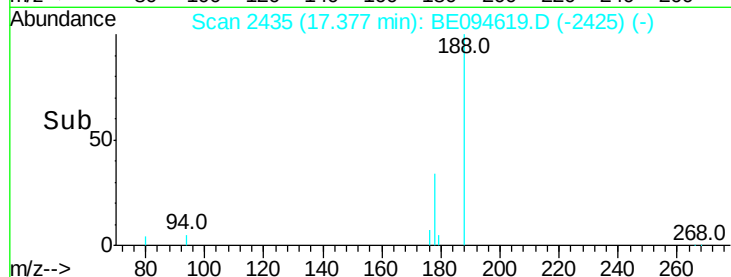
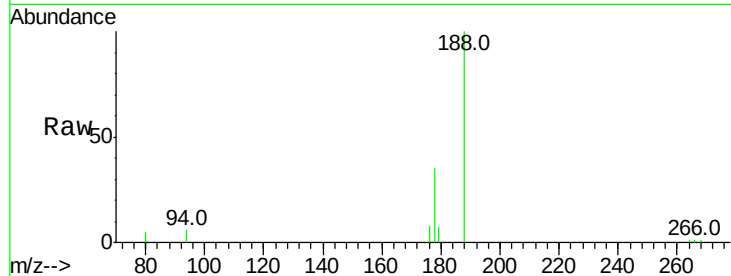
#13
 Anthracene
 Concen: 0.149 ng/ul
 RT: 17.38 min Scan# 2435
 Delta R.T. -0.02 min
 Lab File: BE094619.D
 Acq: 28 Oct 2017 12:51

Instrument :
 BNA_E
 ClientSampleId :
 C0AA3DL

Tot Ion:178 Resp: 4109
 Ion Ratio Lower Upper
 178 100
 179 20.2 18.1 27.1
 176 23.1 14.7 22.1#

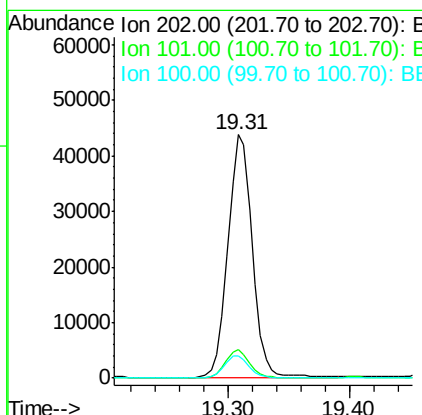
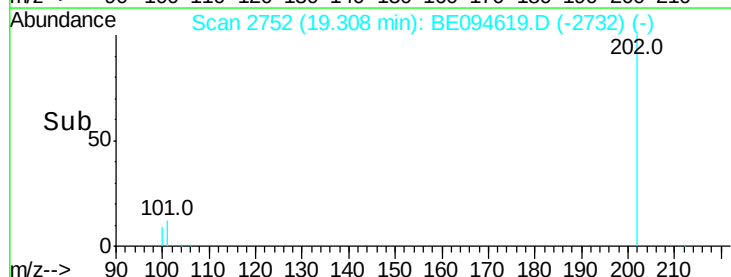
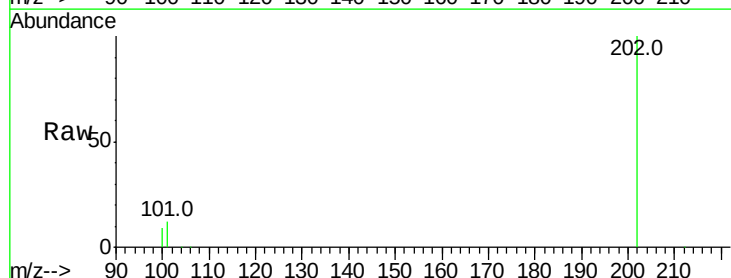
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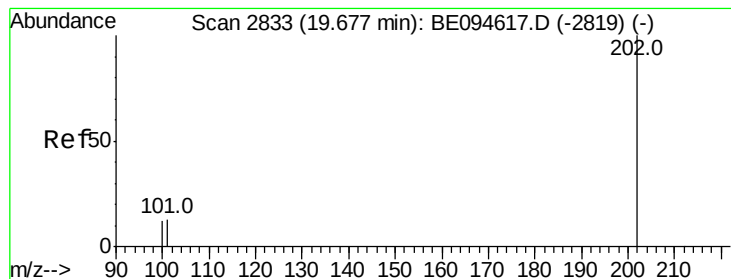
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#15
 Fluoranthene
 Concen: 1.877 ng/ul
 RT: 19.31 min Scan# 2752
 Delta R.T. -0.01 min
 Lab File: BE094619.D
 Acq: 28 Oct 2017 12:51

Tgt Ion:202 Resp: 60496
 Ion Ratio Lower Upper
 202 100
 101 11.7 0.0 30.3
 100 9.3 0.0 39.5





#17

Pyrene

Concen: 1.437 ng/ul

RT: 19.67 min Scan# 2832

Delta R.T. -0.00 min

Lab File: BE094619.D

Acq: 28 Oct 2017 12:51

Instrument :

BNA_E

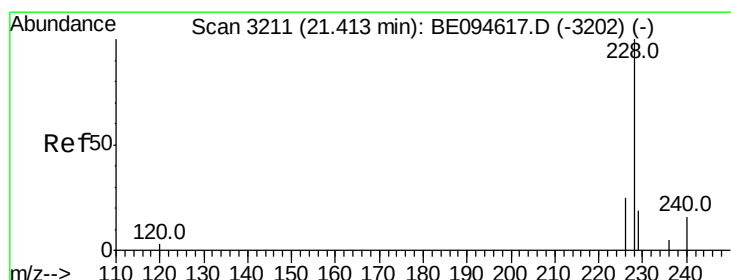
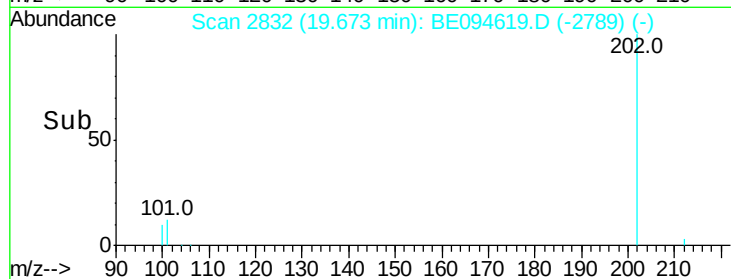
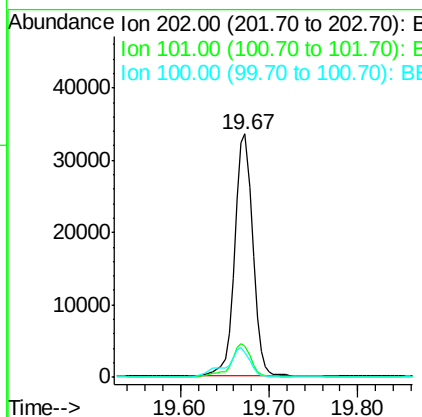
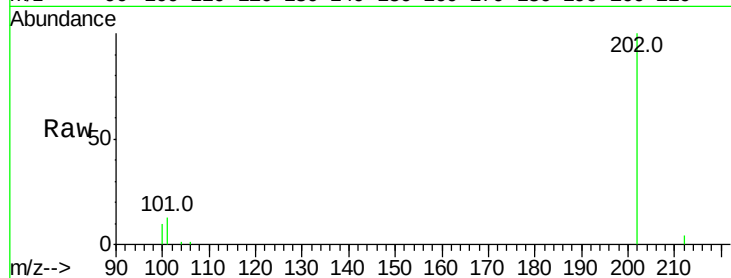
ClientSampleId :

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Tot Ion:	202	Resp:	47188
Ion Ratio	Lower	Upper	
202	100		
101	12.5	18.2	27.4#
100	10.4	15.6	23.4#

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#18

Benzo(a)anthracene

Concen: 0.473 ng/ul

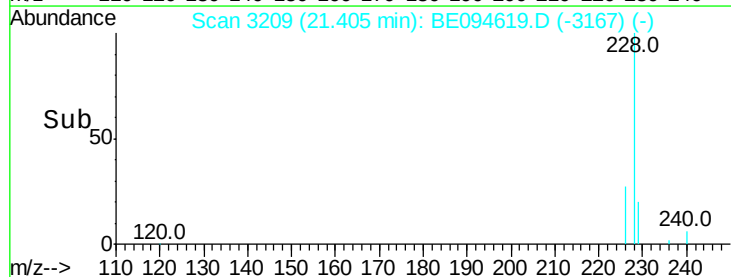
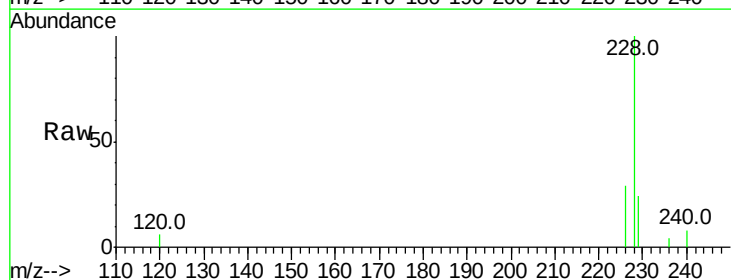
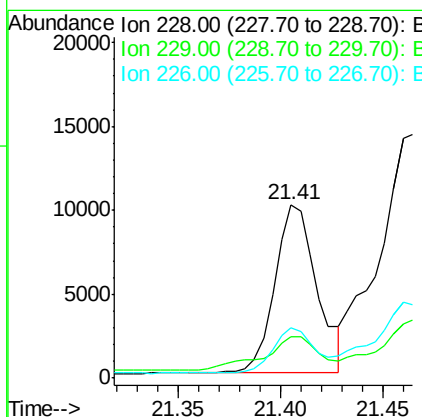
RT: 21.41 min Scan# 3209

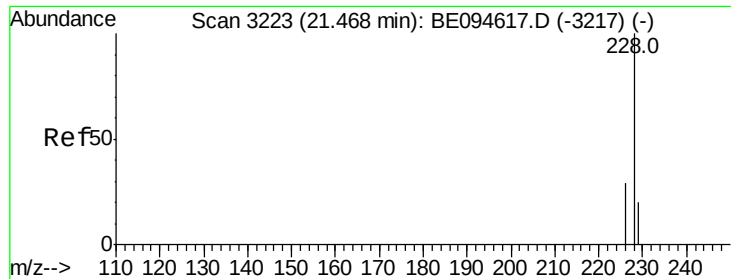
Delta R.T. -0.01 min

Lab File: BE094619.D

Acq: 28 Oct 2017 12:51

Tgt Ion:	228	Resp:	14359
Ion Ratio	Lower	Upper	
228	100		
229	23.7	22.8	34.2
226	29.1	17.0	25.6#





#19

Chrysene

Concen: 0.805 ng/ul

RT: 21.46 min Scan# 3222

Delta R.T. -0.00 min

Lab File: BE094619.D

Acq: 28 Oct 2017 12:51

Instrument :

BNA_E

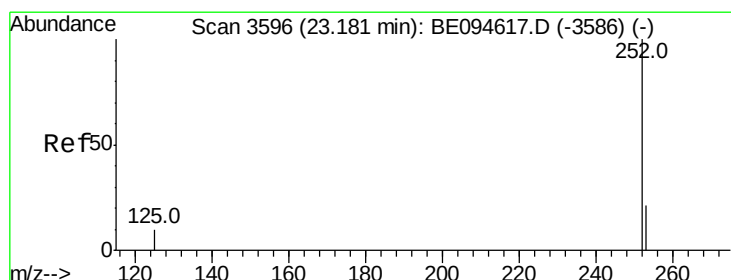
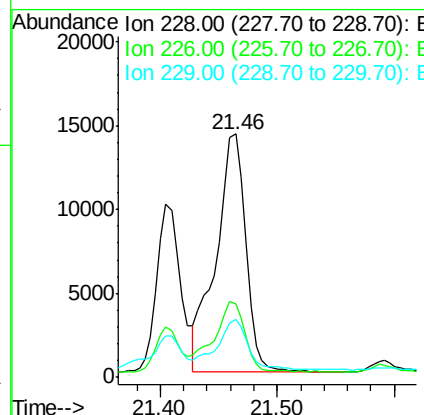
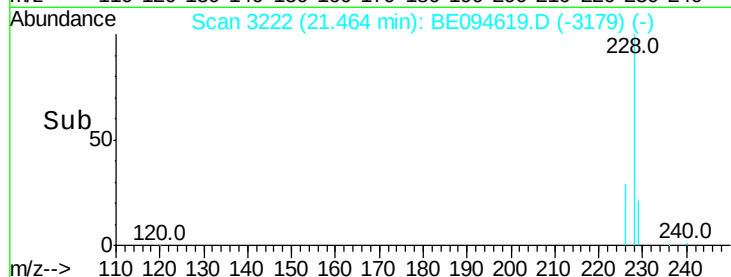
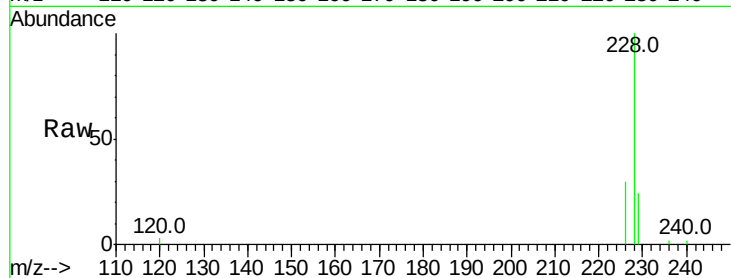
ClientSampleId :

C0AA3DL

Tot Ion:	228	Resp:	25281
Ion Ratio	Lower	Upper	
228	100		
226	30.4	23.4	35.0
229	23.6	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 0.666 ng/ul m

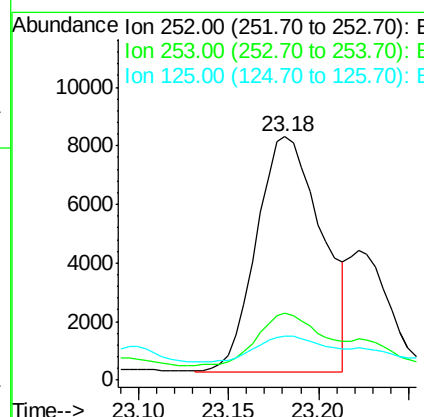
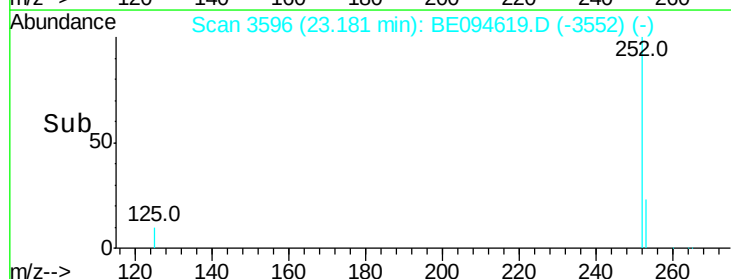
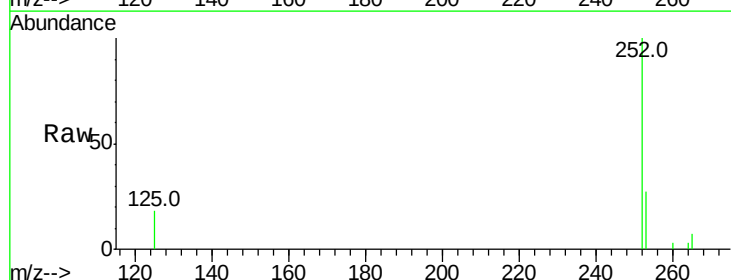
RT: 23.18 min Scan# 3596

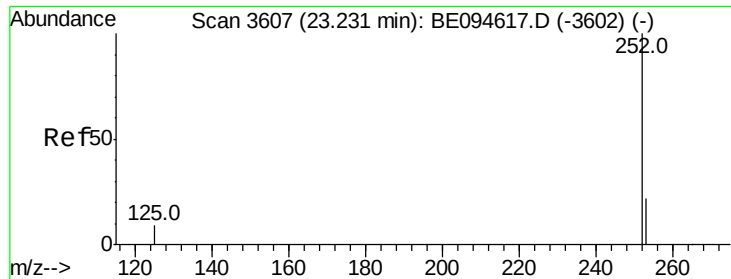
Delta R.T. 0.00 min

Lab File: BE094619.D

Acq: 28 Oct 2017 12:51

Tgt Ion:	252	Resp:	20295
Ion Ratio	Lower	Upper	
252	100		
253	27.3	0.0	64.2
125	18.0	0.0	35.0





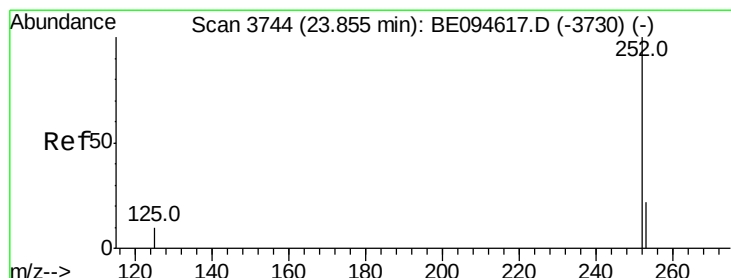
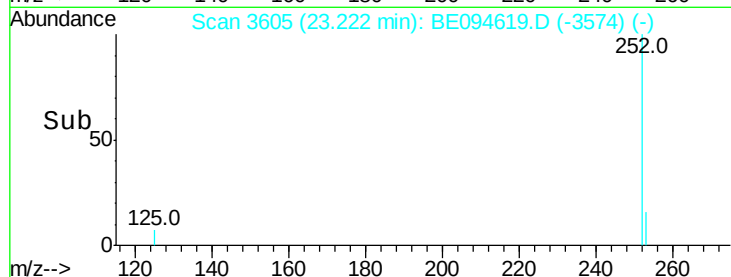
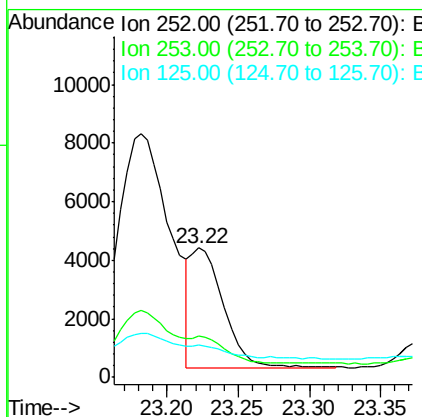
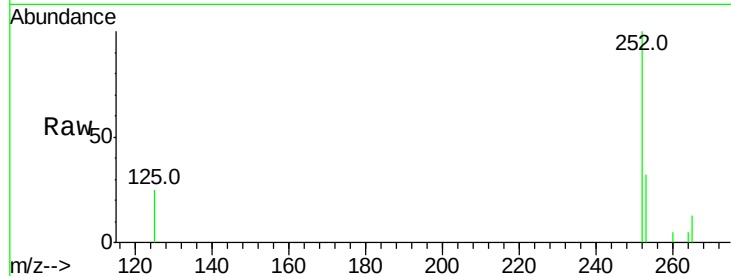
#22
Benzo(k)fluoranthene
Concen: 0.206 ng/ul m
RT: 23.22 min Scan# 3605
Delta R.T. -0.01 min
Lab File: BE094619.D
Acq: 28 Oct 2017 12:51

Instrument :
BNA_E
ClientSampleId :
C0AA3DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	31.8	24.5	36.7
125	25.0	13.7	20.5

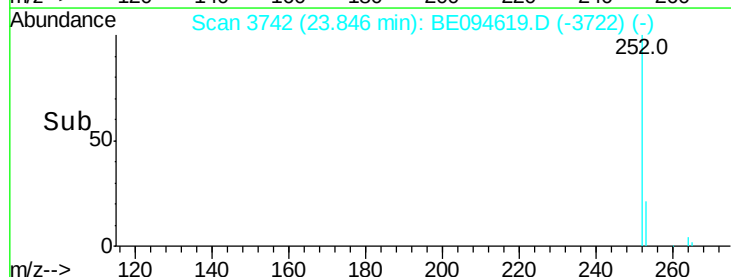
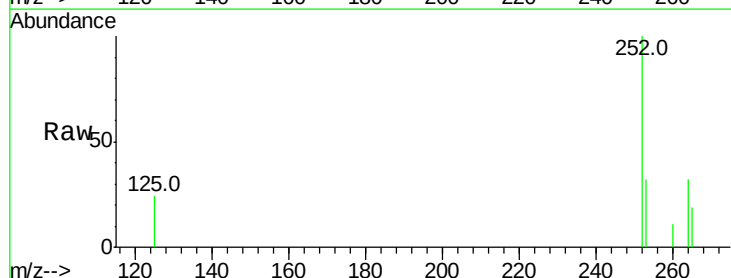
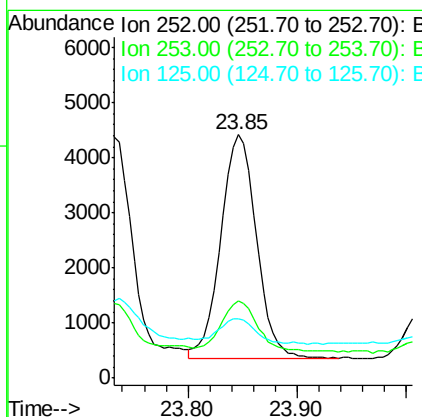
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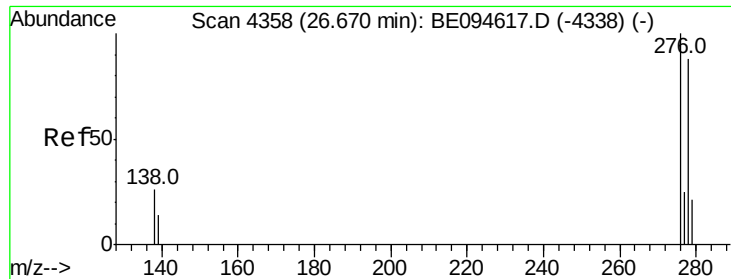
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#23
Benzo(a)pyrene
Concen: 0.301 ng/ul
RT: 23.85 min Scan# 3742
Delta R.T. -0.01 min
Lab File: BE094619.D
Acq: 28 Oct 2017 12:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	31.5	28.5	42.7
125	24.5	18.1	27.1





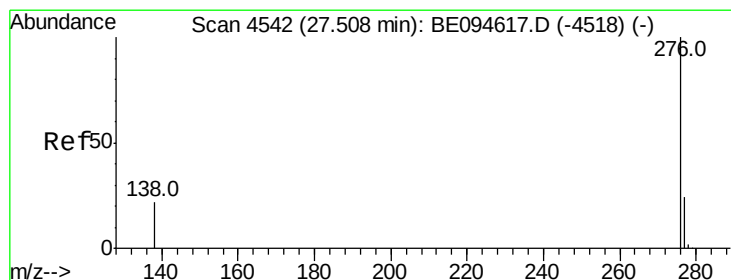
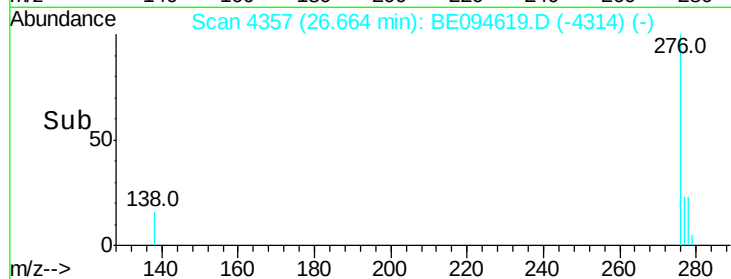
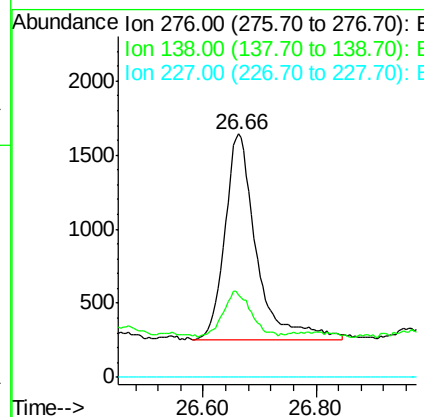
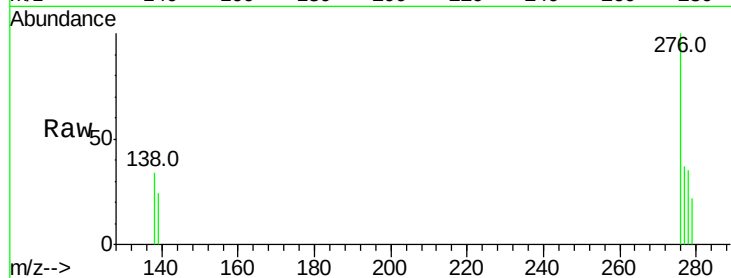
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.169 ng/ul
 RT: 26.66 min Scan# 4357
 Delta R.T. -0.01 min
 Lab File: BE094619.D
 Acq: 28 Oct 2017 12:51

Instrument :
 BNA_E
 ClientSampleId :
 C0AA3DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.6	28.0	42.0#
227	0.0	8.0	12.0#

Manual Integrations
 APPROVED

Sohil
 10/30/2017 6:37:38 PM



#26
 Benzo(g,h,i)perylene
 Concen: 0.157 ng/ul
 RT: 27.51 min Scan# 4542
 Delta R.T. -0.00 min
 Lab File: BE094619.D
 Acq: 28 Oct 2017 12:51

Tgt Ion	Ratio	Lower	Upper
276	100		
138	41.1	21.8	32.8#
277	42.6	20.5	30.7#

