

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
 Data File : BE094613.D
 Acq On : 28 Oct 2017 1:35
 Operator : SJ/JU
 Sample : I5842-16
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AB4

Manual Integrations
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 10/30/2017 6:37:17 PM

Quant Time: Oct 30 02:38:01 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 02:20:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1094	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	6477	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.52	164	3980	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	8636m	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	7983	0.40	ng/ul	0.00
20) Perylene-d12	23.96	264	7904m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	4186	0.40	ng/ul	-0.01
14) Fluoranthene-d10	19.28	212	10569	0.41	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.74	128	820	0.052	ng/ul#	81
5) 2-Methylnaphthalene	12.35	142	663	0.060	ng/ul	99
8) Acenaphthene	14.58	153	656	0.051	ng/ul	96
9) Fluorene	15.57	166	599	0.041	ng/ul#	94
12) Phenanthrene	17.29	178	18192	0.798	ng/ul#	89
13) Anthracene	17.38	178	2907	0.129	ng/ul#	94
15) Fluoranthene	19.31	202	54141	2.053	ng/ul	84
17) Pyrene	19.67	202	48393	1.961	ng/ul#	80
18) Benzo(a)anthracene	21.41	228	20743	0.909	ng/ul#	88
19) Chrysene	21.46	228	27915	1.183	ng/ul	98
21) Benzo(b)fluoranthene	23.18	252	37590	1.691	ng/ul	88
22) Benzo(k)fluoranthene	23.23	252	15612m	0.655	ng/ul	
23) Benzo(a)pyrene	23.85	252	22745m	1.023	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.67	276	15476m	0.673	ng/ul	
25) Dibenzo(a,h)anthracene	26.66	278	3264m	0.168	ng/ul	
26) Benzo(a,h,i)perylene	27.51	276	11334m	0.614	ng/ul	

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

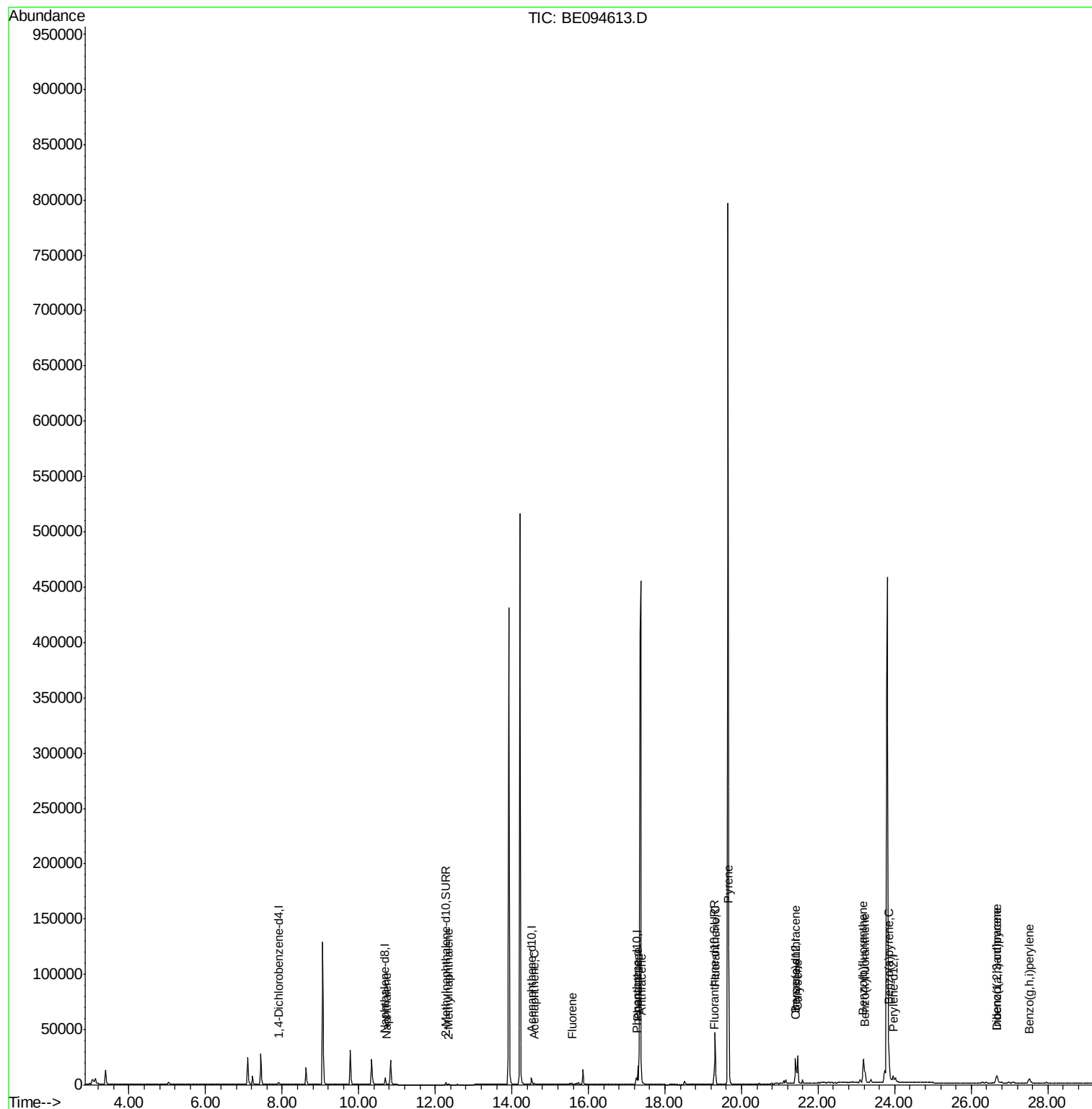
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
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ALS Vial : 17 Sample Multiplier: 1

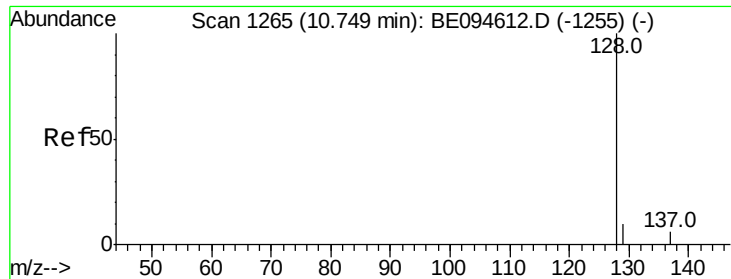
Instrument :
BNA_E
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Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
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Response via : Initial Calibration





#3

Naphthalene

Concen: 0.052 ng/ul

RT: 10.74 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BE094613.D

Acq: 28 Oct 2017 1:35

Instrument :

BNA_E

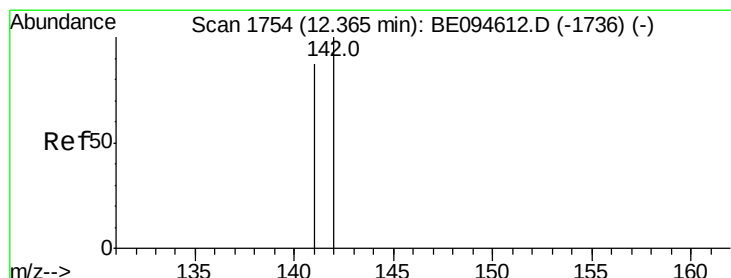
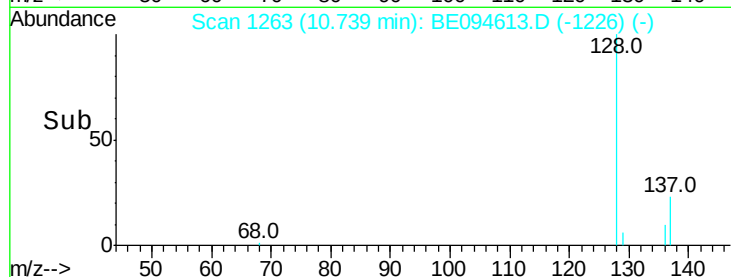
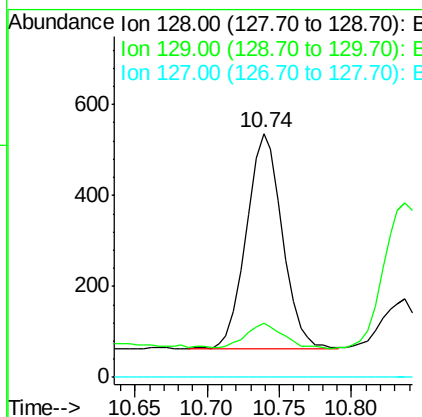
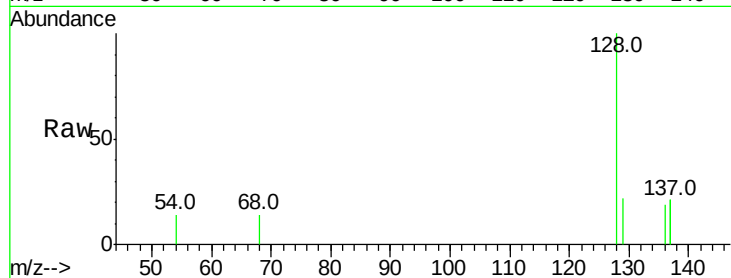
ClientSampleId :

C0AB4

Tot Ion:	128	Resp:	820
Ion Ratio	Lower	Upper	
128	100		
129	22.2	11.3	16.9#
127	0.0	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 0.060 ng/ul

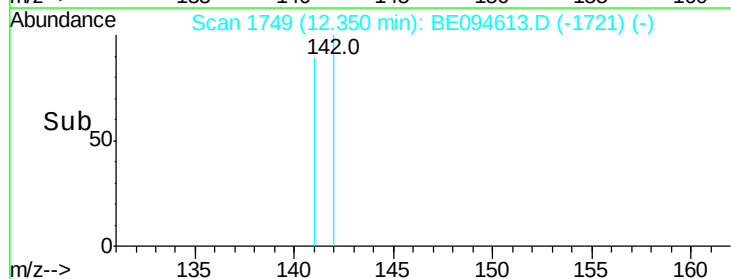
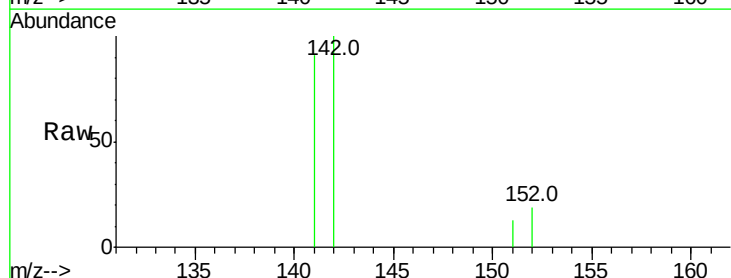
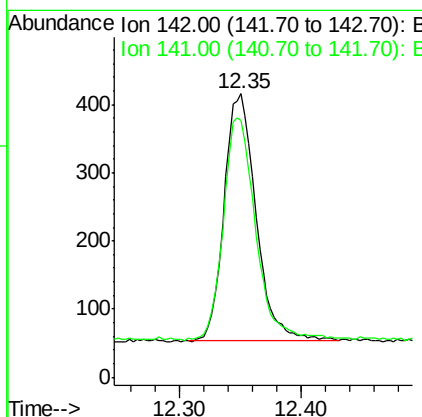
RT: 12.35 min Scan# 1749

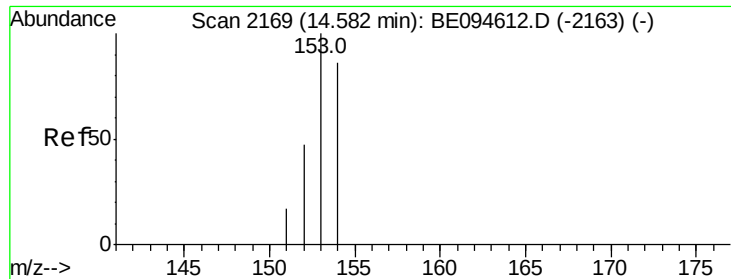
Delta R.T. -0.01 min

Lab File: BE094613.D

Acq: 28 Oct 2017 1:35

Tgt Ion:	142	Resp:	663
Ion Ratio	Lower	Upper	
142	100		
141	92.0	72.6	108.8





#8

Acenaphthene

Concen: 0.051 ng/ul

RT: 14.58 min Scan# 2169

Delta R.T. -0.00 min

Lab File: BE094613.D

Acq: 28 Oct 2017 1:35

Instrument :

BNA_E

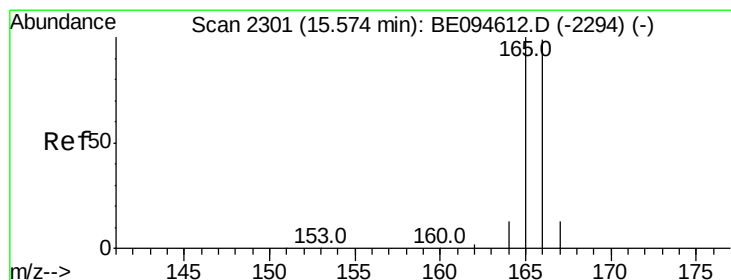
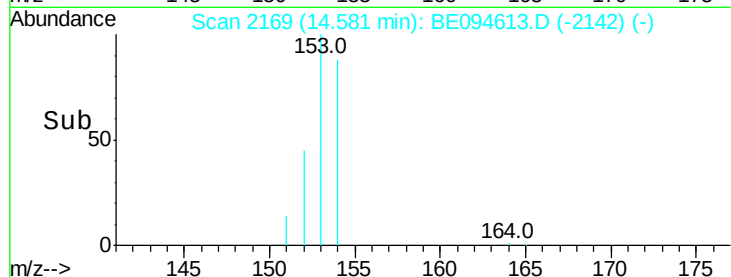
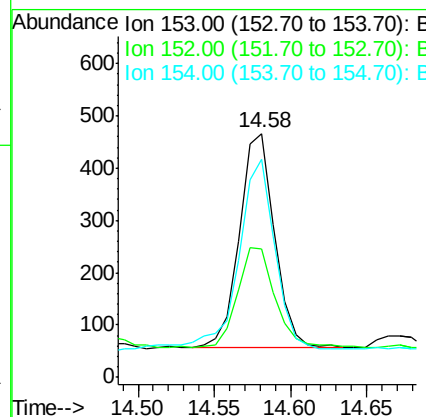
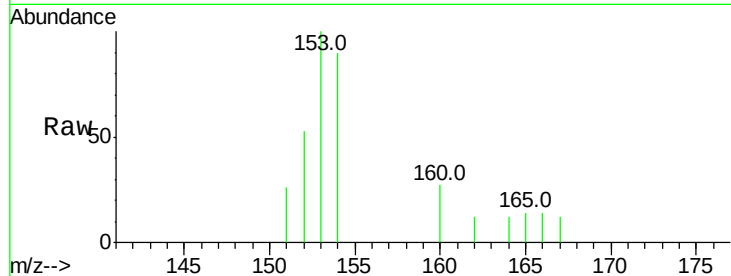
ClientSampleId :

C0AB4

Tot Ion:	153	Resp:	656
Ion	Ratio	Lower	Upper
153	100		
152	52.8	36.0	54.0
154	89.7	72.0	108.0

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#9

Fluorene

Concen: 0.041 ng/ul

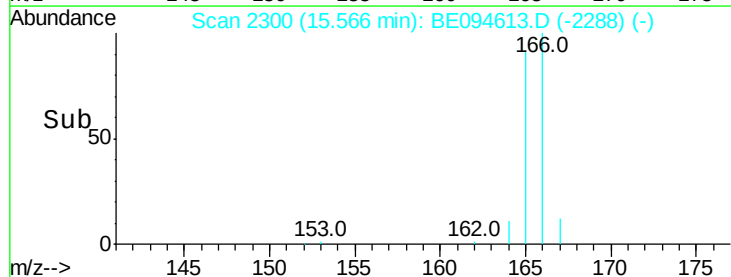
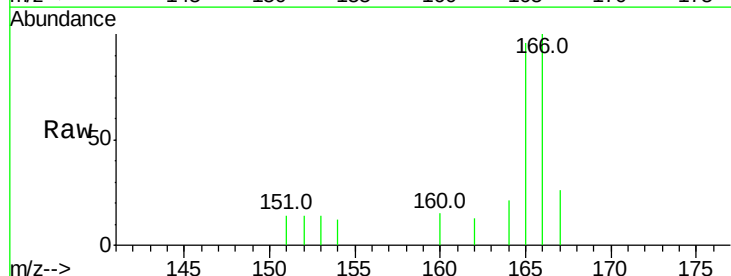
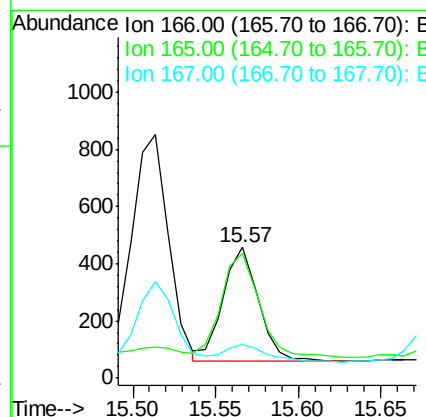
RT: 15.57 min Scan# 2300

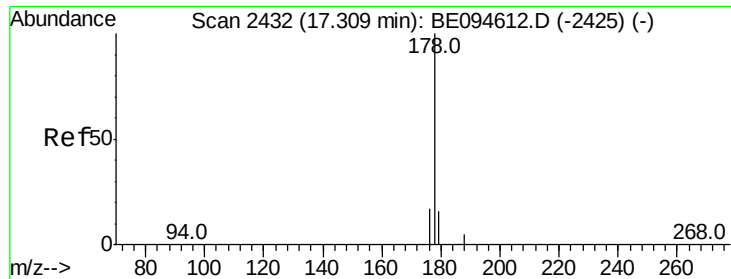
Delta R.T. -0.01 min

Lab File: BE094613.D

Acq: 28 Oct 2017 1:35

Tgt Ion:	166	Resp:	599
Ion	Ratio	Lower	Upper
166	100		
165	95.6	73.4	110.2
167	25.8	14.6	22.0





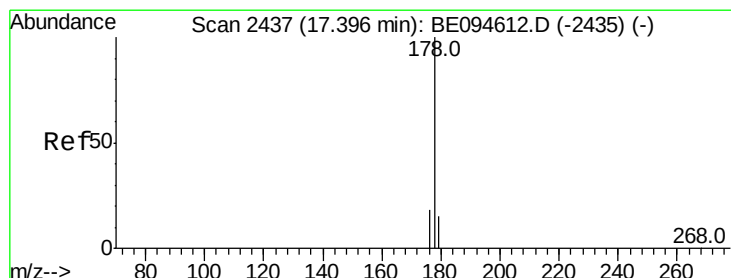
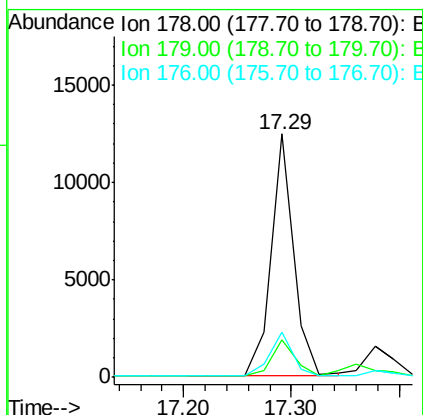
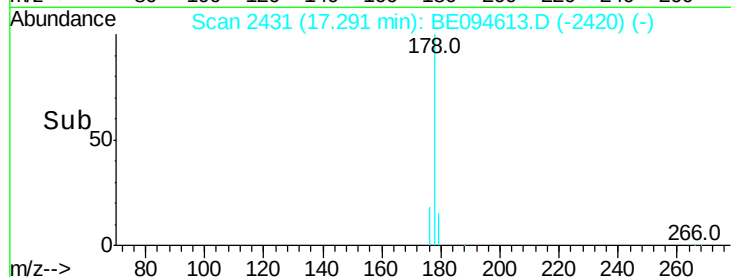
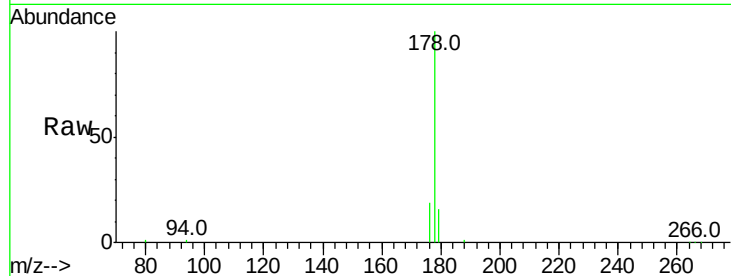
#12
Phenanthrene
Concen: 0.798 ng/ul
RT: 17.29 min Scan# 2431
Delta R.T. -0.02 min
Lab File: BE094613.D
Acq: 28 Oct 2017 1:35

Instrument :
BNA_E
ClientSampleId :
C0AB4

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.5	18.4	27.6#
176	18.7	13.6	20.4

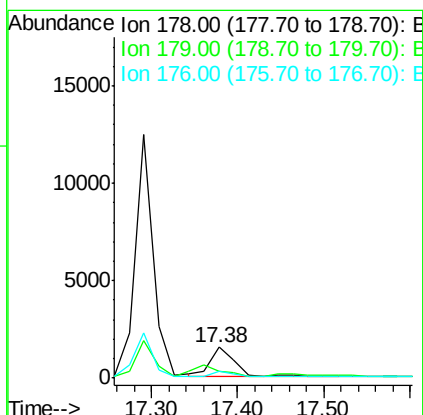
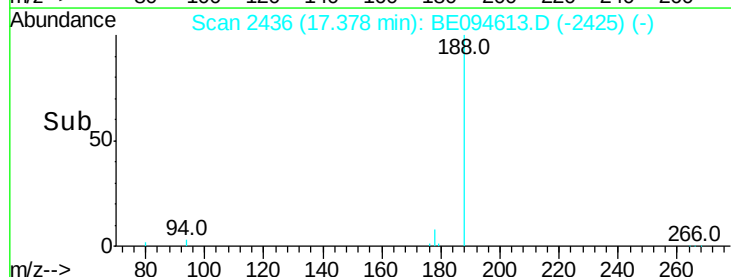
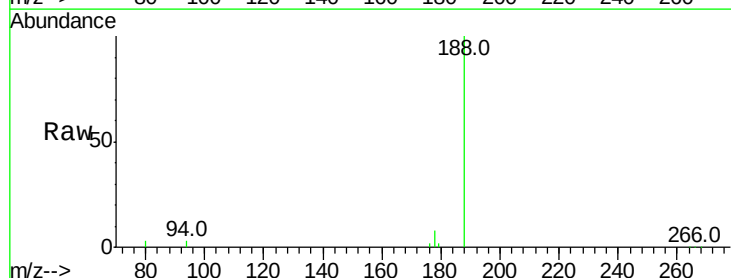
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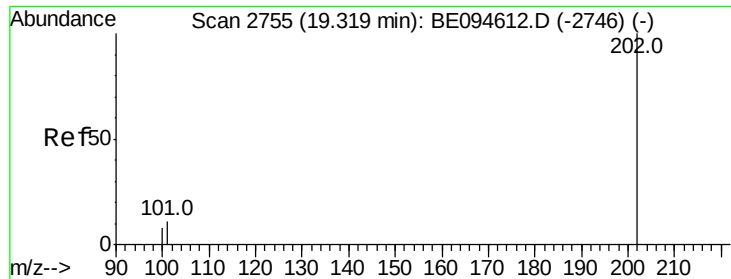
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#13
Anthracene
Concen: 0.129 ng/ul
RT: 17.38 min Scan# 2436
Delta R.T. -0.02 min
Lab File: BE094613.D
Acq: 28 Oct 2017 1:35

Tgt Ion	Ratio	Lower	Upper
178	100		
179	21.3	18.1	27.1
176	22.7	14.7	22.1#





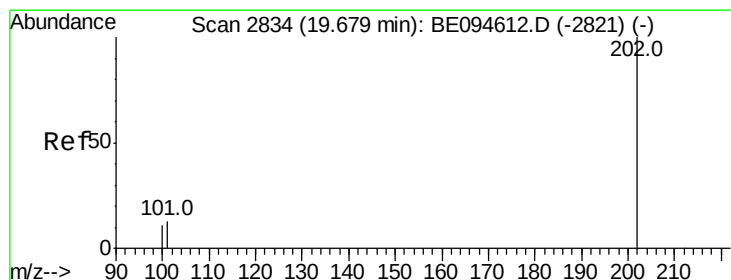
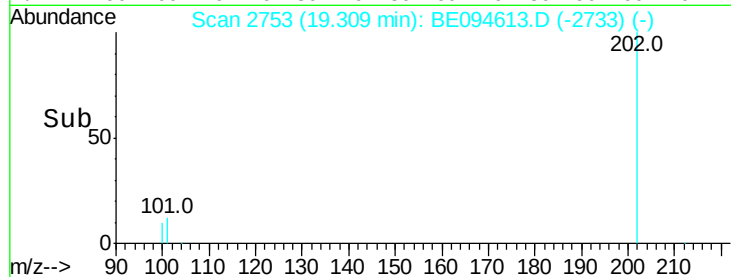
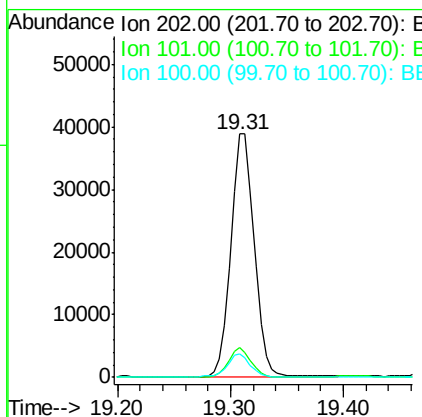
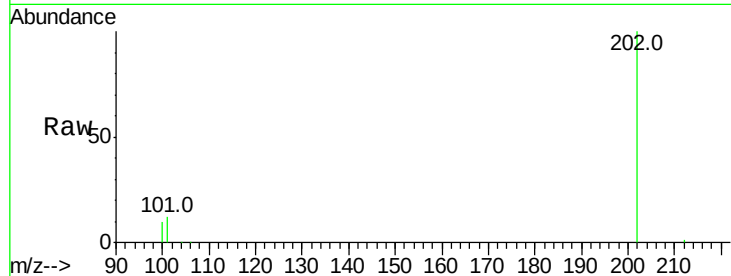
#15
Fluoranthene
 Concen: 2.053 ng/ul
 RT: 19.31 min Scan# 2753
 Delta R.T. -0.01 min
 Lab File: BE094613.D
 Acq: 28 Oct 2017 1:35

Instrument :
 BNA_E
 ClientSampleId :
 C0AB4

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.1	0.0	30.3
100	9.7	0.0	39.5

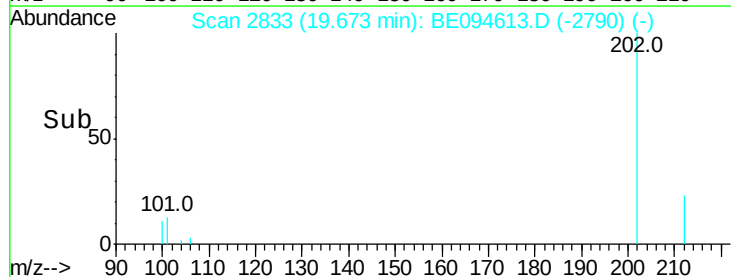
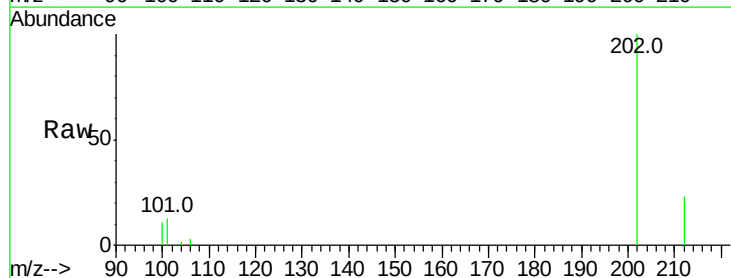
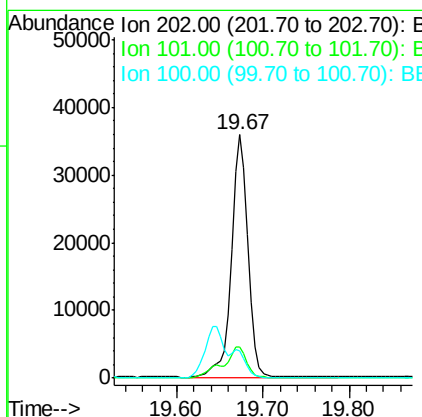
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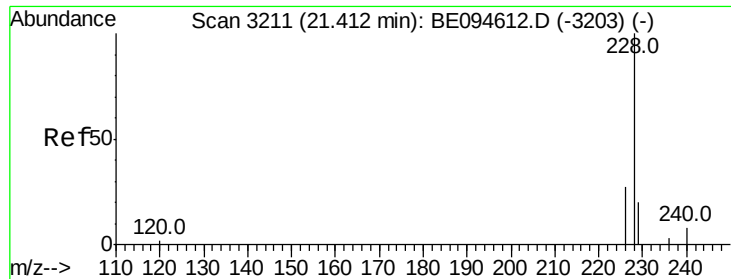
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#17
Pyrene
 Concen: 1.961 ng/ul
 RT: 19.67 min Scan# 2833
 Delta R.T. -0.01 min
 Lab File: BE094613.D
 Acq: 28 Oct 2017 1:35

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	12.8	18.2	27.4#
100	11.2	15.6	23.4#





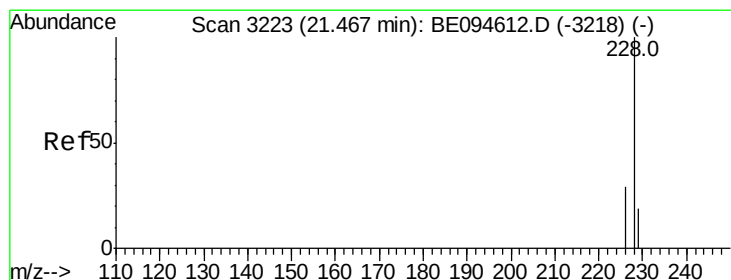
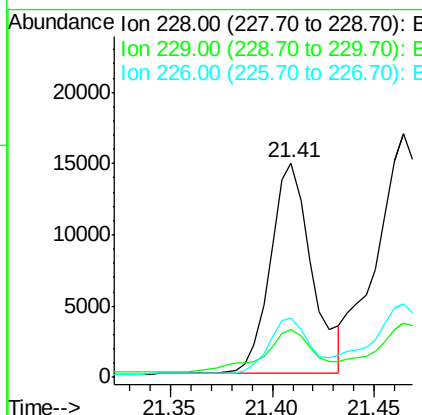
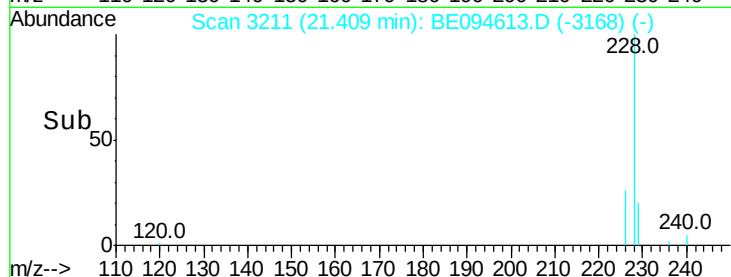
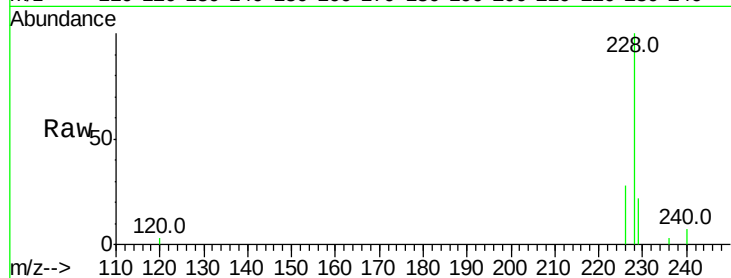
#18
Benzo(a)anthracene
Concen: 0.909 ng/ul
RT: 21.41 min Scan# 3211
Delta R.T. -0.00 min
Lab File: BE094613.D
Acq: 28 Oct 2017 1:35

Instrument :
BNA_E
ClientSampleId :
C0AB4

Tot Ion	Ratio	Lower	Upper
228	100		
229	22.3	22.8	34.2#
226	27.7	17.0	25.6#

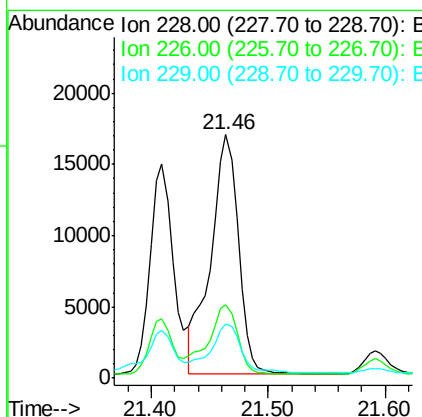
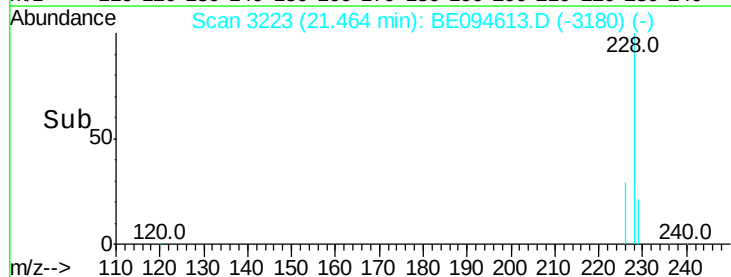
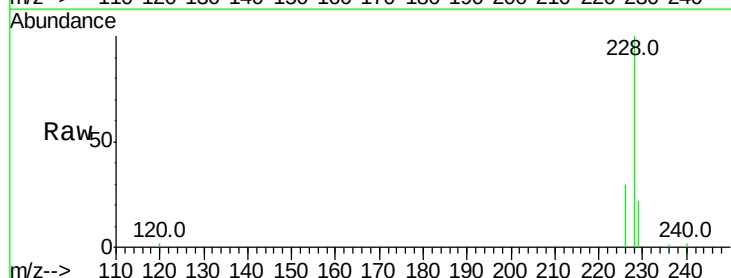
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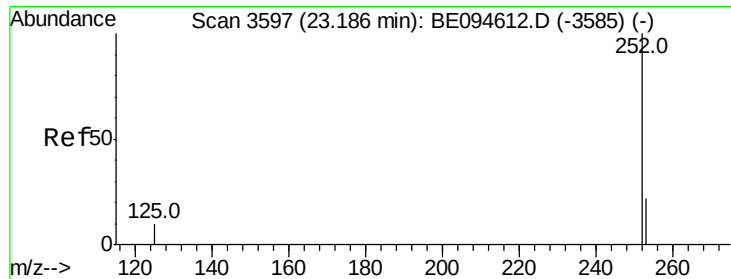
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#19
Chrysene
Concen: 1.183 ng/ul
RT: 21.46 min Scan# 3223
Delta R.T. -0.00 min
Lab File: BE094613.D
Acq: 28 Oct 2017 1:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.4	35.0
229	22.5	17.7	26.5





#21

Benzo(b)fluoranthene

Concen: 1.691 ng/ul

RT: 23.18 min Scan# 3597

Delta R.T. -0.00 min

Lab File: BE094613.D

Acq: 28 Oct 2017 1:35

Instrument :

BNA_E

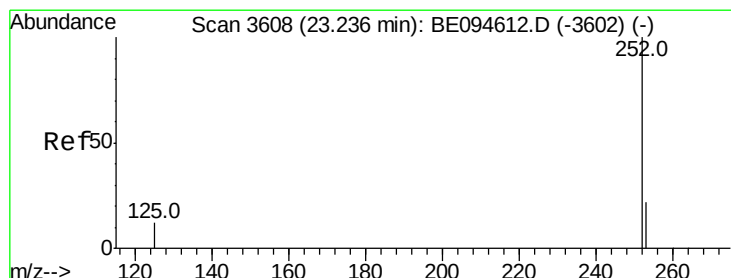
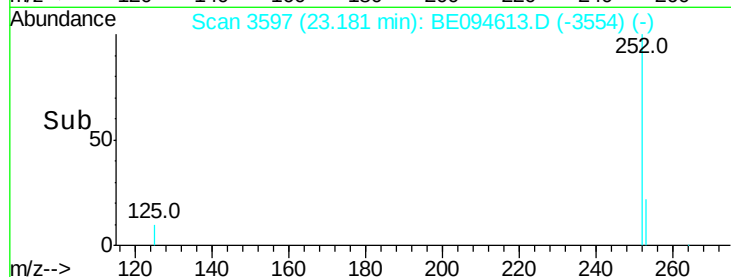
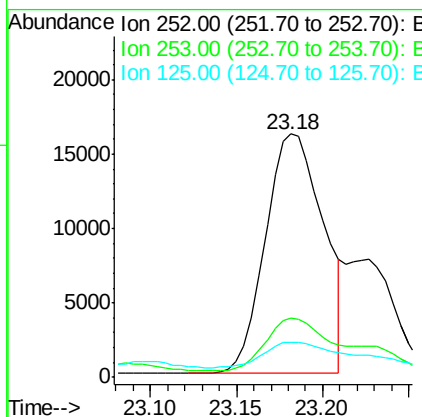
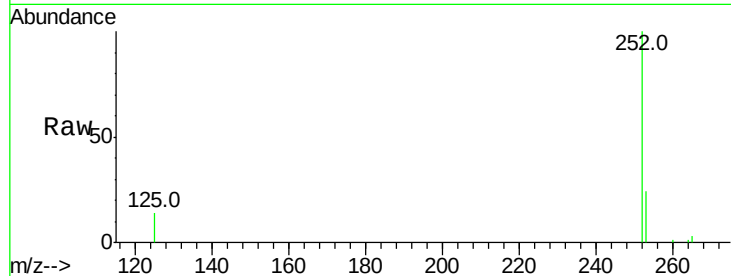
ClientSampleId :

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Tot Ion:	252	Resp:	37590
Ion Ratio	Lower	Upper	
252	100		
253	24.3	0.0	64.2
125	14.4	0.0	35.0

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#22

Benzo(k)fluoranthene

Concen: 0.655 ng/ul m

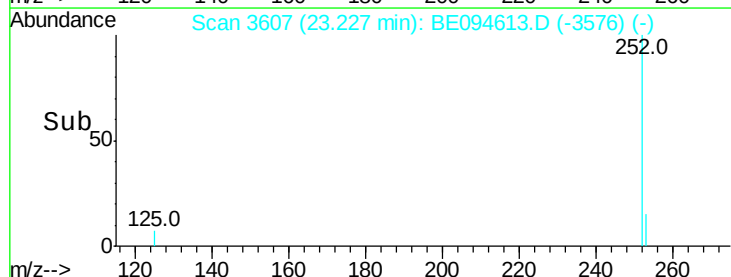
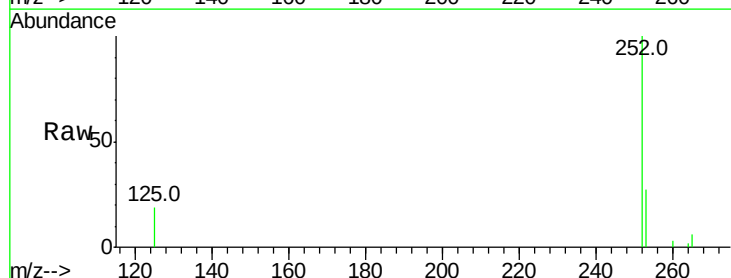
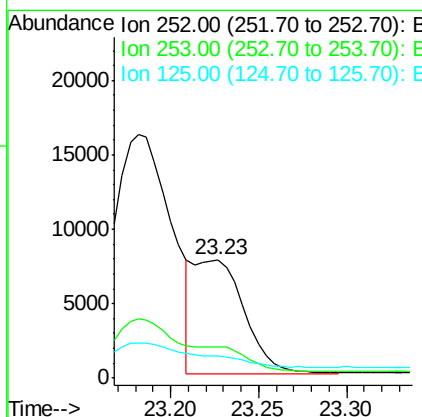
RT: 23.23 min Scan# 3607

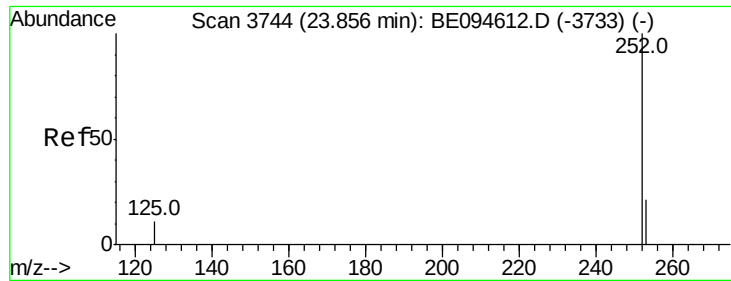
Delta R.T. -0.01 min

Lab File: BE094613.D

Acq: 28 Oct 2017 1:35

Tgt Ion:	252	Resp:	15612
Ion Ratio	Lower	Upper	
252	100		
253	26.6	24.5	36.7
125	18.7	13.7	20.5





#23

Benzo(a)pyrene

Concen: 1.023 ng/ul m

RT: 23.85 min Scan# 3744

Delta R.T. -0.00 min

Lab File: BE094613.D

Acq: 28 Oct 2017 1:35

Instrument :

BNA_E

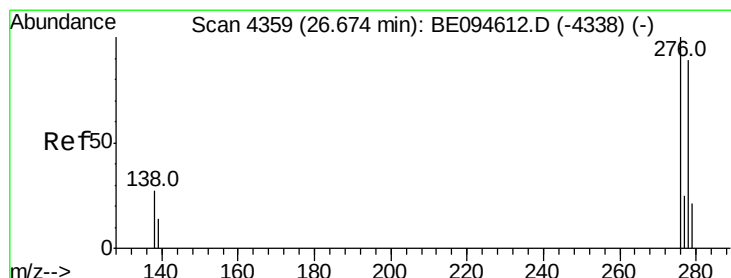
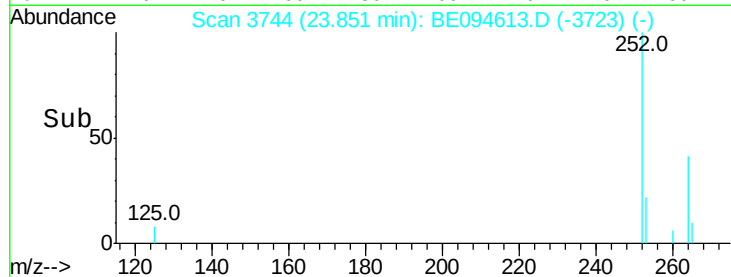
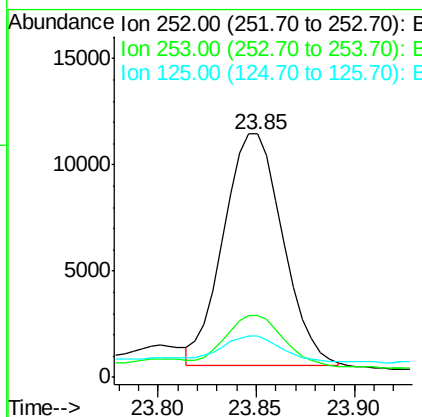
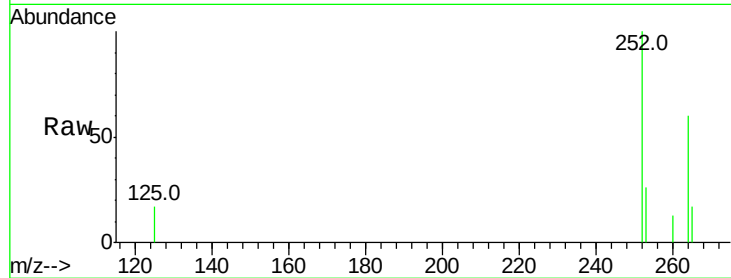
ClientSampleId :

C0AB4

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.6	28.5	42.7#
125	16.8	18.1	27.1#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.673 ng/ul m

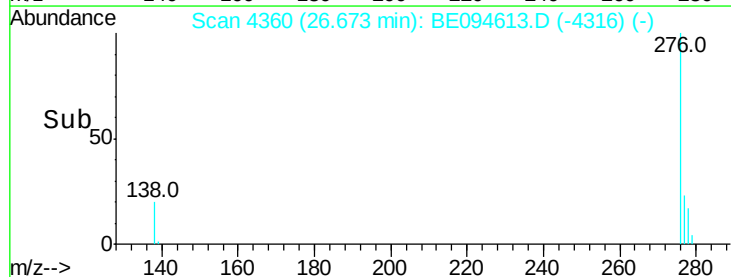
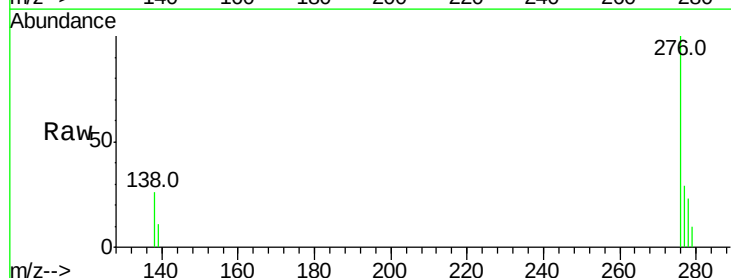
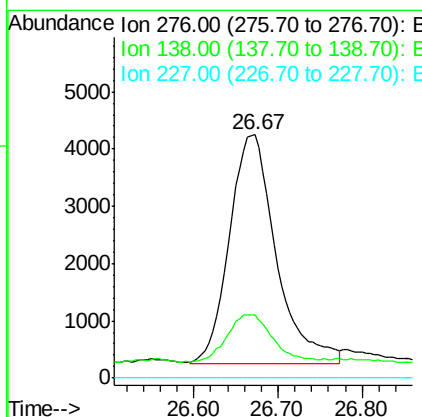
RT: 26.67 min Scan# 4360

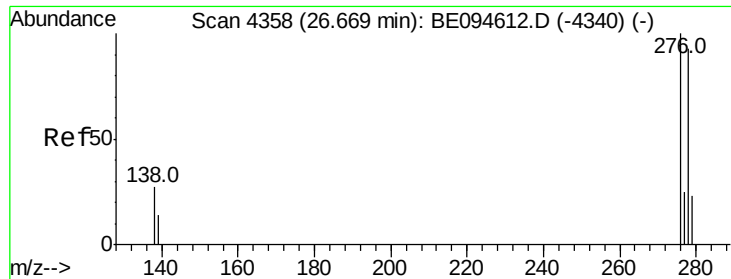
Delta R.T. -0.00 min

Lab File: BE094613.D

Acq: 28 Oct 2017 1:35

Tgt Ion	Ratio	Lower	Upper
276	100		
138	1.0	28.0	42.0#
227	0.0	8.0	12.0#





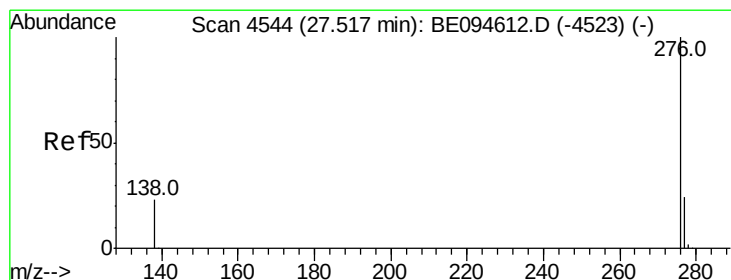
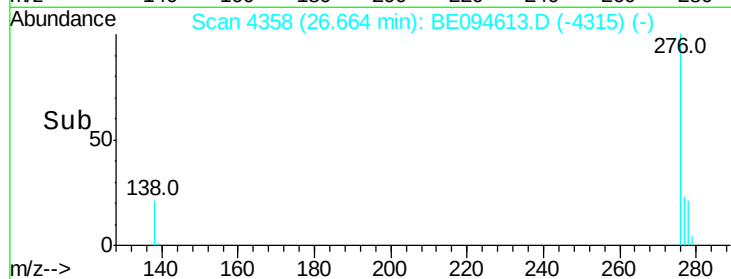
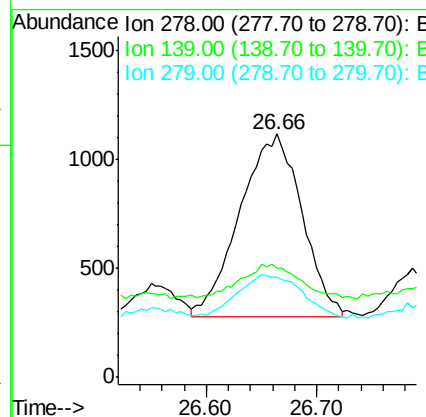
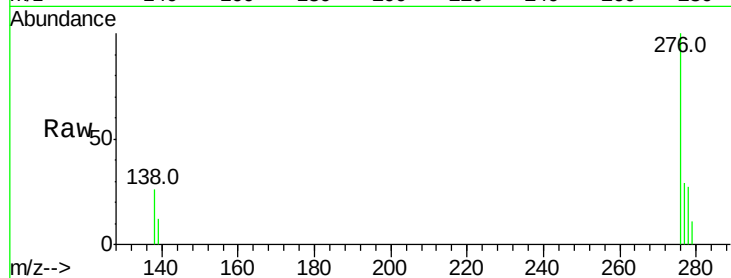
#25
Dibenzo(a,h)anthracene
Concen: 0.168 ng/ul m
RT: 26.66 min Scan# 4358
Delta R.T. -0.01 min
Lab File: BE094613.D
Acq: 28 Oct 2017 1:35

Instrument :
BNA_E
ClientSampleId :
C0AB4

Tot Ion	Ratio	Lower	Upper
278	100		
139	44.9	17.4	26.0#
279	41.4	25.9	38.9#

Manual Integrations
APPROVED

Sohil
10/30/2017 6:37:17 PM



#26
Benzo(g,h,i)perylene
Concen: 0.614 ng/ul m
RT: 27.51 min Scan# 4543
Delta R.T. -0.01 min
Lab File: BE094613.D
Acq: 28 Oct 2017 1:35

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.3	21.8	32.8
277	30.5	20.5	30.7

