

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE101317\
 Data File : BE094323.D
 Acq On : 13 Oct 2017 13:56
 Operator : SJ/JU
 Sample : I5533-01DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-56(1-2)-092717DL

Manual Integrations
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Quant Time: Oct 15 02:30:25 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 14 05:22:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1515	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	7676	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	4424	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.27	188	9422	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	9376	0.40	ng/ul	0.00
20) Perylene-d12	23.97	264	9901	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	848	0.07	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	1931	0.06	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.75	128	22666	1.21	ng/ul#	92
5) 2-Methylnaphthalene	12.36	142	6724	0.55	ng/ul	99
7) Acenaphthylene	14.26	152	3425	0.20	ng/ul#	89
8) Acenaphthene	14.60	153	2037	0.14	ng/ul	94
9) Fluorene	15.58	166	3165	0.19	ng/ul#	88
12) Phenanthrene	17.31	178	73209m	2.97	ng/ul	
13) Anthracene	17.40	178	19454	0.81	ng/ul	94
15) Fluoranthene	19.32	202	152042	4.70	ng/ul	84
17) Pyrene	19.68	202	142288	5.45	ng/ul#	84
18) Benzo(a)anthracene	21.42	228	74448	2.99	ng/ul#	90
19) Chrysene	21.47	228	79434	2.77	ng/ul#	87
21) Benzo(b)fluoranthene	23.20	252	99394m	3.70	ng/ul	
22) Benzo(k)fluoranthene	23.24	252	30290m	0.97	ng/ul	
23) Benzo(a)pyrene	23.86	252	69288	2.48	ng/ul#	87
24) Indeno(1,2,3-cd)pyrene	26.67	276	49252	1.72	ng/ul#	81
25) Dibenzo(a,h)anthracene	26.66	278	12814	0.53	ng/ul#	1
26) Benzo(g,h,i)perylene	27.51	276	50233	2.04	ng/ul#	83

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

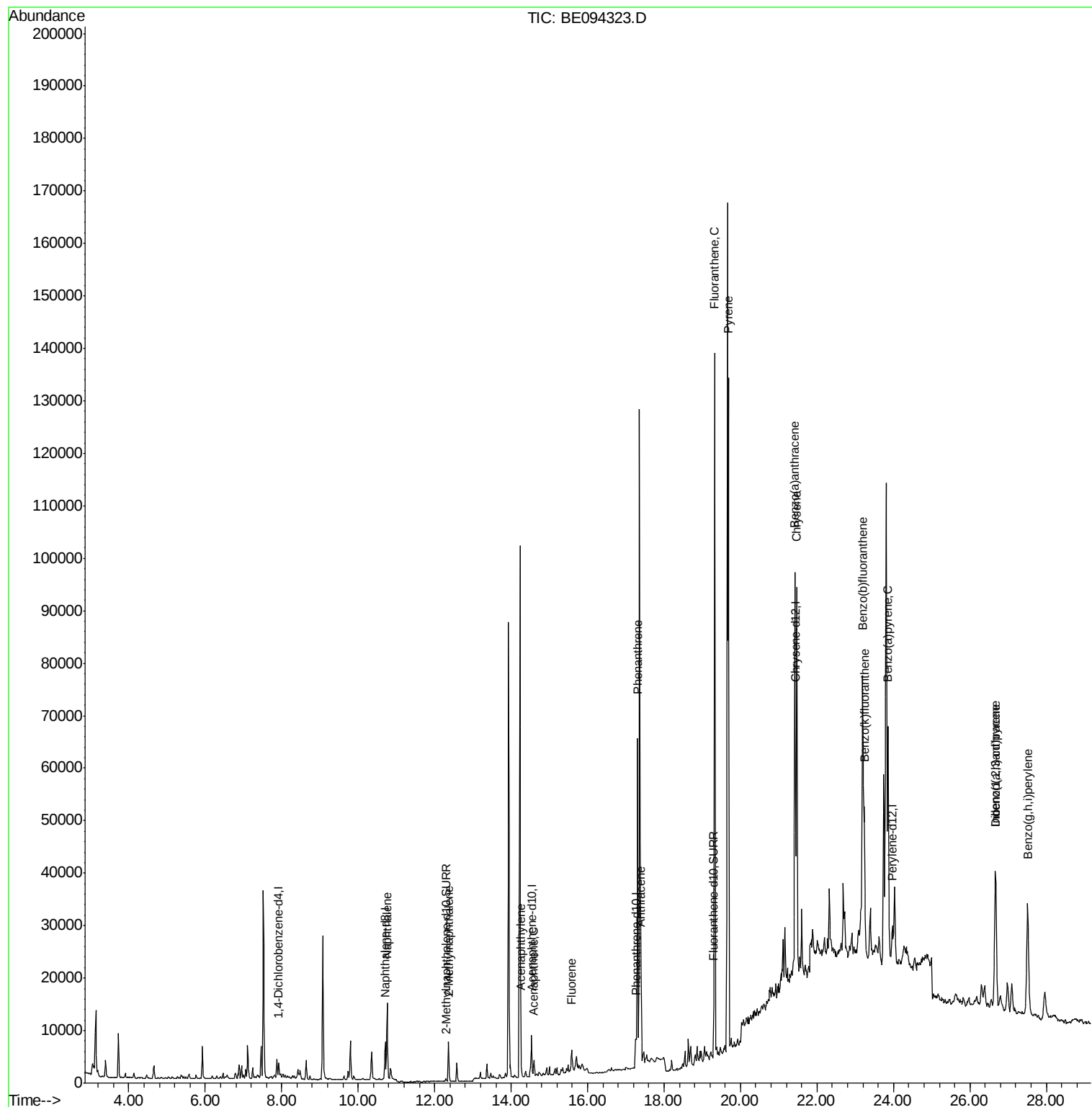
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE101317\
Data File : BE094323.D
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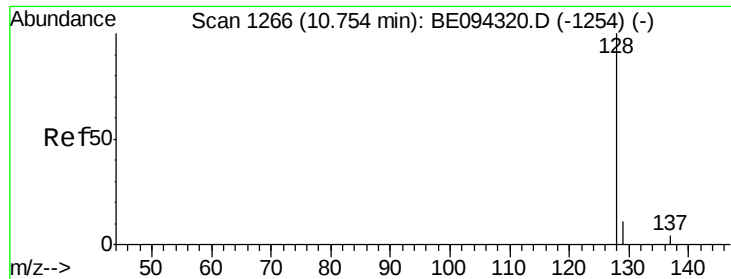
Instrument :
BNA_E
ClientSampleId :
B-56(1-2)-092717DL

Quant Time: Oct 15 02:30:25 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 14 05:22:31 2017
Response via : Initial Calibration

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#3

Naphthalene

Concen: 1.21 ng/ul

RT: 10.75 min Scan# 1266

Delta R.T. -0.00 min

Lab File: BE094323.D

Acq: 13 Oct 2017 13:56

Instrument :

BNA_E

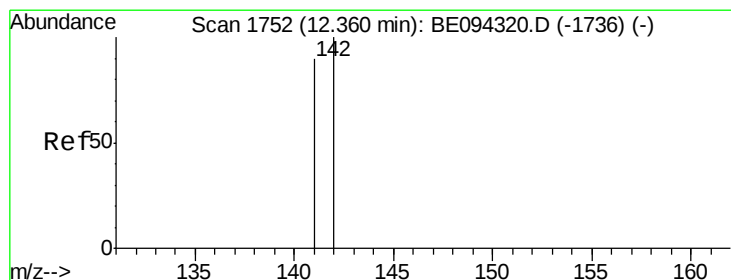
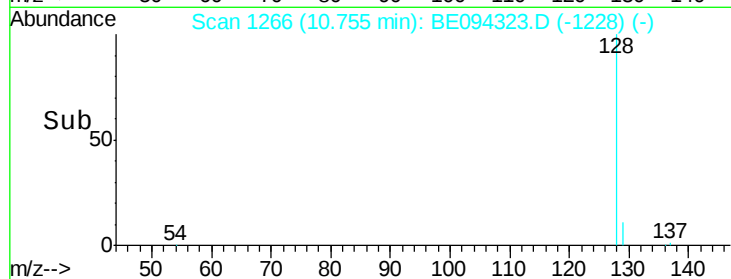
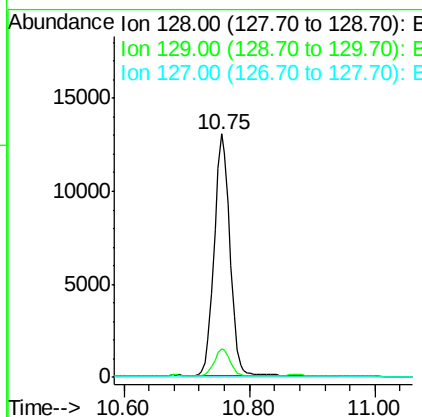
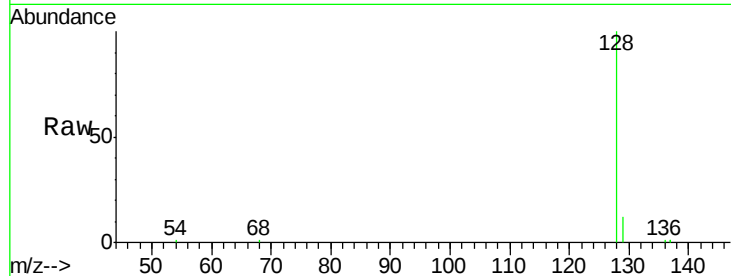
ClientSampleId :

B-56(1-2)-092717DL

Tgt Ion:	128	Resp:	22666
Ion Ratio	Lower	Upper	
128	100		
129	11.7	11.3	16.9
127	0.0	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 0.55 ng/ul

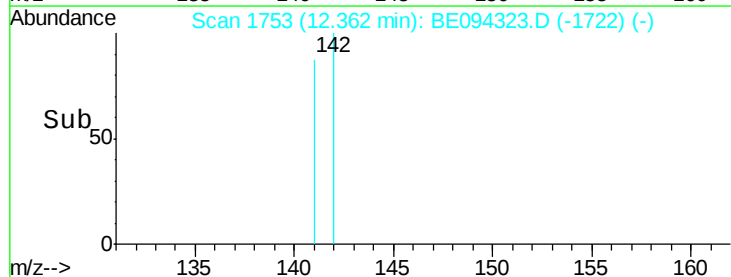
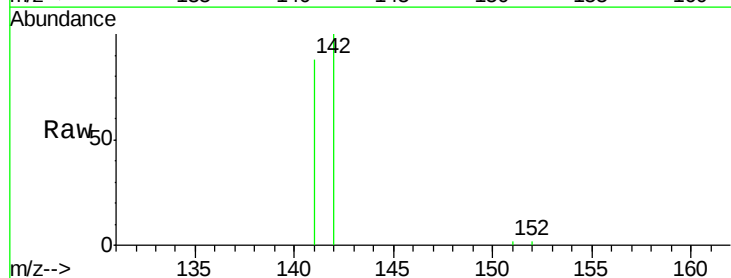
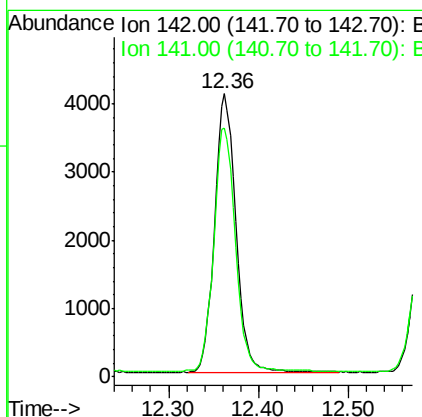
RT: 12.36 min Scan# 1753

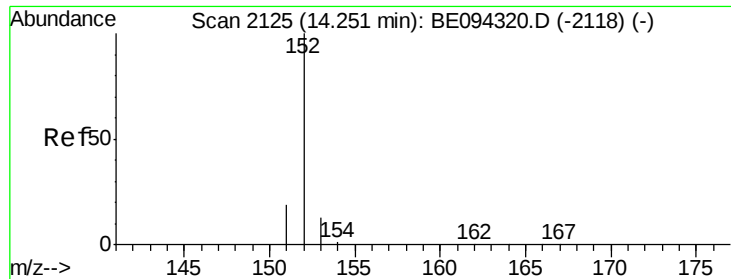
Delta R.T. -0.00 min

Lab File: BE094323.D

Acq: 13 Oct 2017 13:56

Tgt Ion:	142	Resp:	6724
Ion Ratio	Lower	Upper	
142	100		
141	89.9	72.6	108.8





#7

Acenaphthylene

Concen: 0.20 ng/ul

RT: 14.26 min Scan# 2126

Delta R.T. 0.01 min

Lab File: BE094323.D

Acq: 13 Oct 2017 13:56

Instrument :

BNA_E

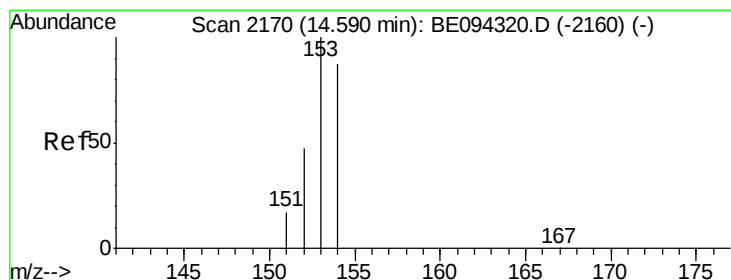
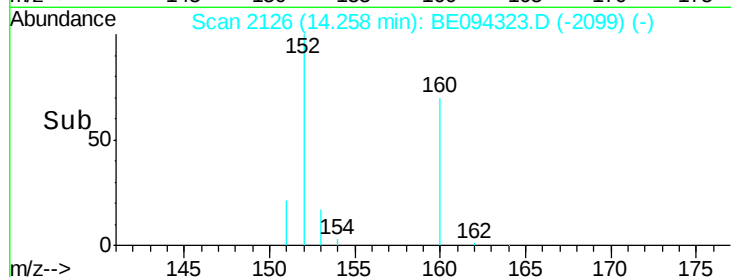
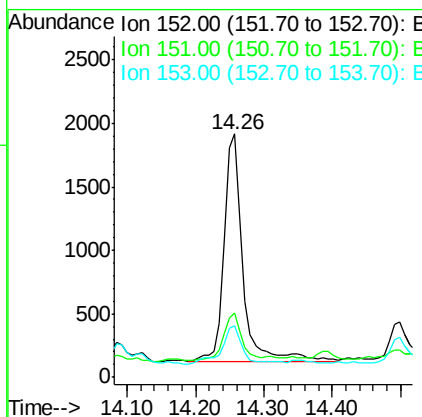
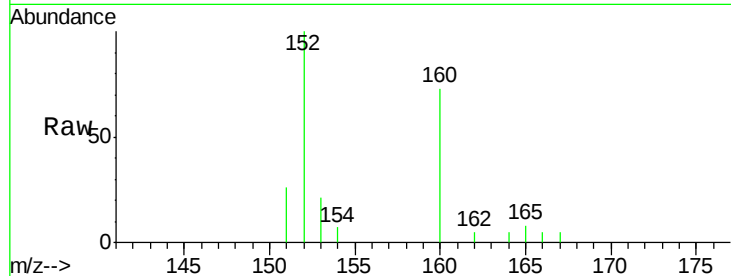
ClientSampleId :

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Tgt Ion:	152	Resp:	3425
Ion Ratio	Lower	Upper	
152	100		
151	26.2	17.1	25.7#
153	21.4	12.8	19.2#

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#8

Acenaphthene

Concen: 0.14 ng/ul

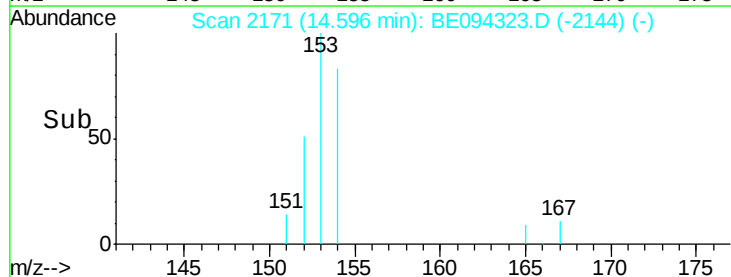
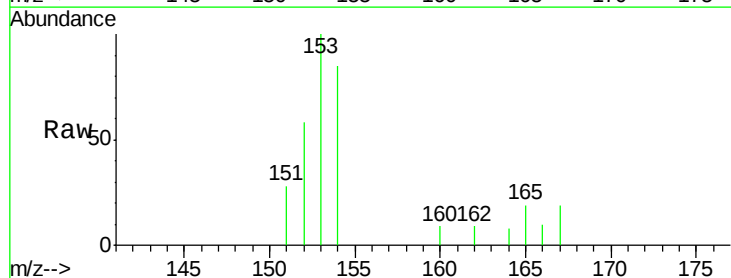
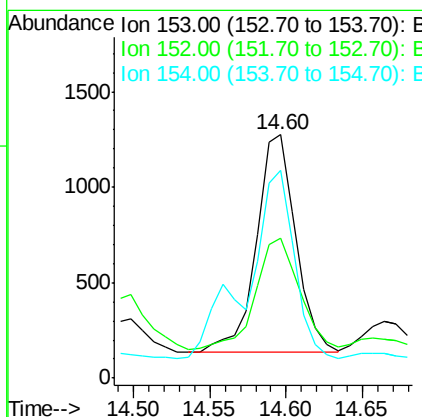
RT: 14.60 min Scan# 2171

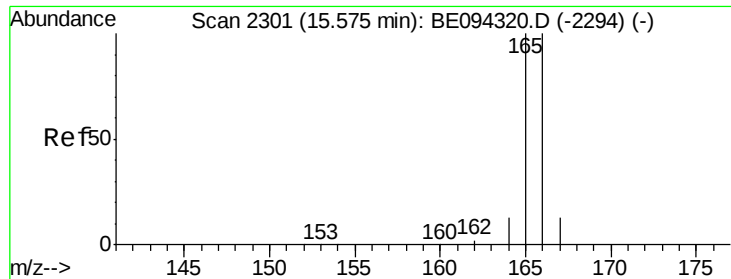
Delta R.T. 0.01 min

Lab File: BE094323.D

Acq: 13 Oct 2017 13:56

Tgt Ion:	153	Resp:	2037
Ion Ratio	Lower	Upper	
153	100		
152	57.6	40.3	60.5
154	85.3	71.4	107.2





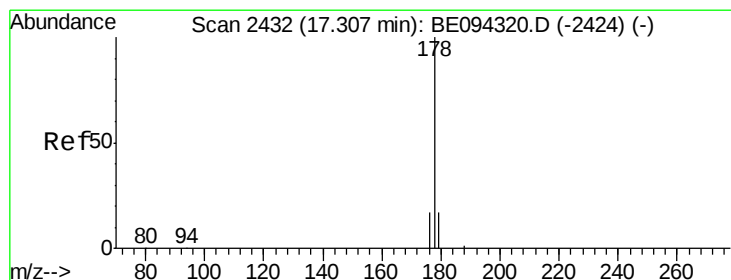
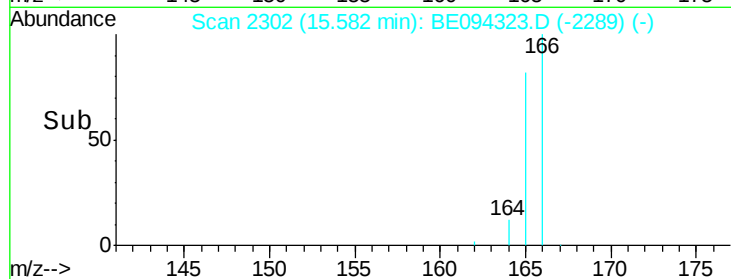
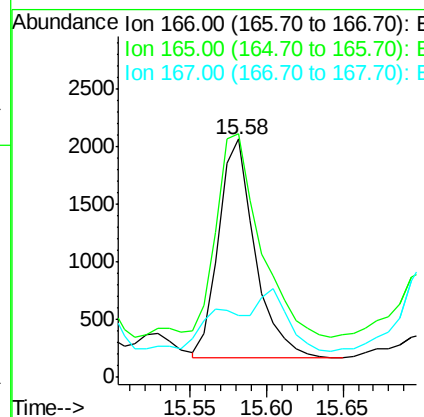
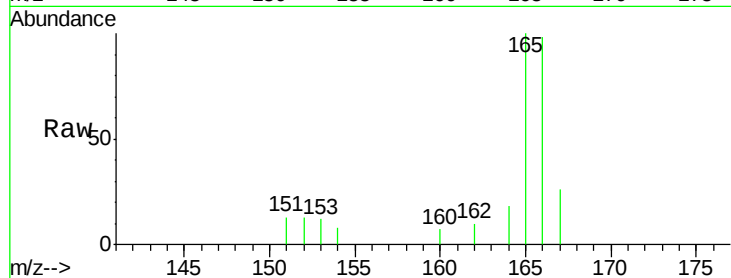
#9
Fluorene
 Concen: 0.19 ng/ul
 RT: 15.58 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: BE094323.D
 Acq: 13 Oct 2017 13:56

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Tgt Ion	Ratio	Lower	Upper
166	100		
165	102.1	73.4	110.2
167	26.1	14.6	22.0

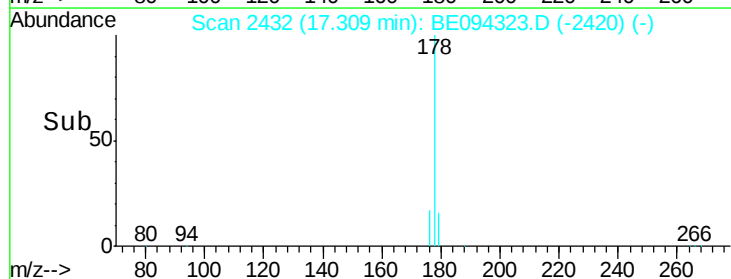
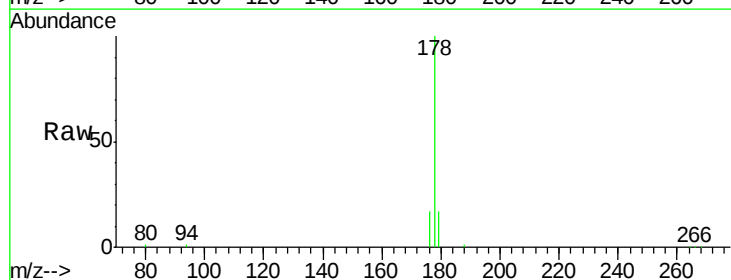
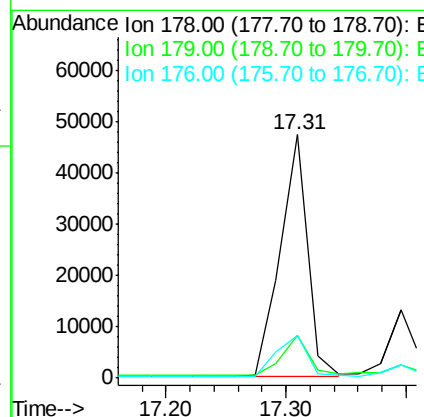
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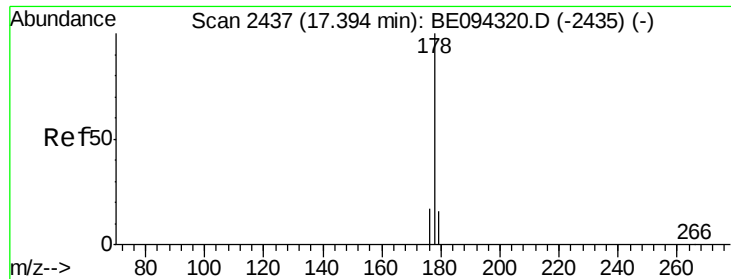
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#12
Phenanthrene
 Concen: 2.97 ng/ul m
 RT: 17.31 min Scan# 2432
 Delta R.T. 0.00 min
 Lab File: BE094323.D
 Acq: 13 Oct 2017 13:56

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.4	18.4	27.6
176	17.4	13.6	20.4





#13

Anthracene

Concen: 0.81 ng/ul

RT: 17.40 min Scan# 2437

Delta R.T. 0.00 min

Lab File: BE094323.D

Acq: 13 Oct 2017 13:56

Instrument :

BNA_E

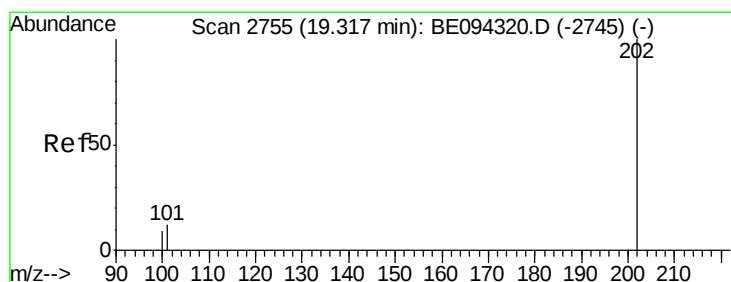
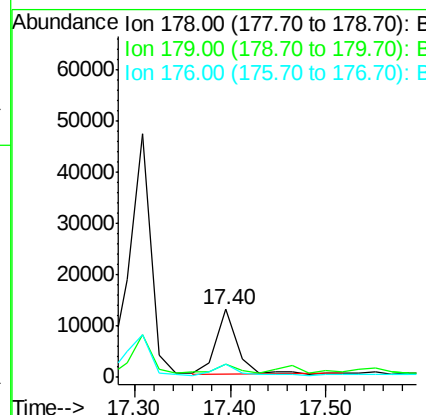
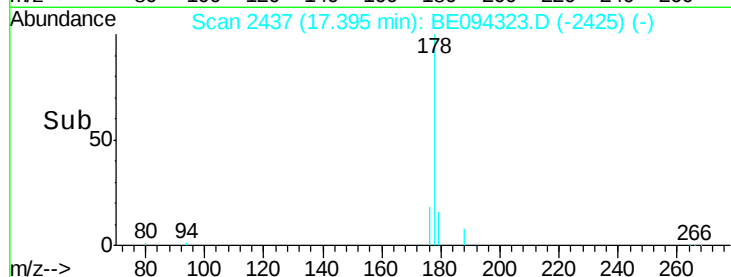
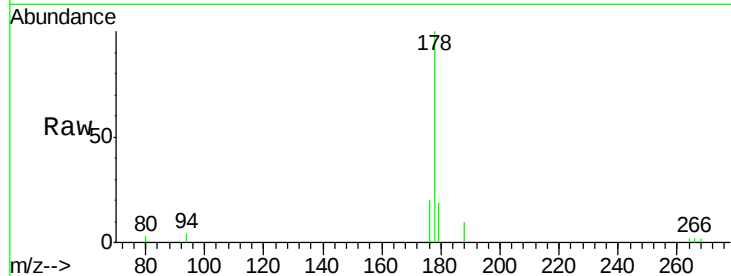
ClientSampleId :

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Tgt Ion:	178	Resp:	19454
Ion Ratio	Lower	Upper	
178	100		
179	18.8	18.1	27.1
176	20.4	14.7	22.1

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#15

Fluoranthene

Concen: 4.70 ng/ul

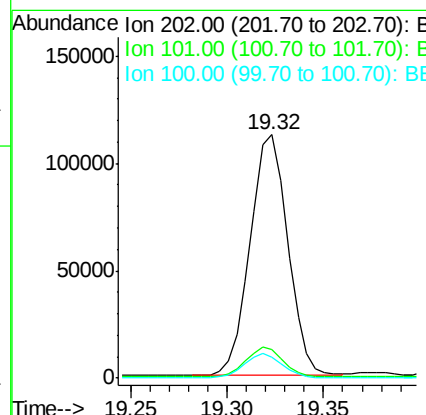
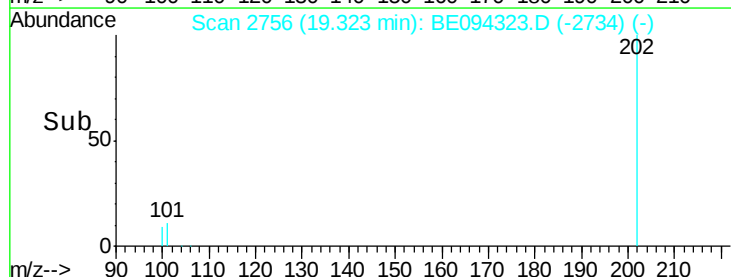
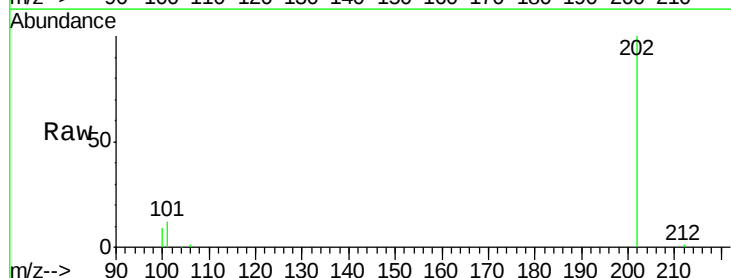
RT: 19.32 min Scan# 2756

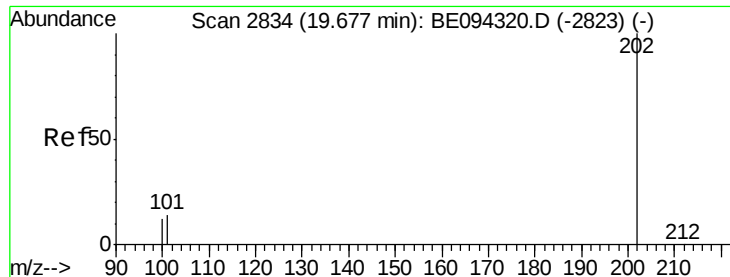
Delta R.T. 0.00 min

Lab File: BE094323.D

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Tgt Ion:	202	Resp:	152042
Ion Ratio	Lower	Upper	
202	100		
101	11.5	0.0	30.3
100	8.8	0.0	39.5





#17

Pyrene

Concen: 5.45 ng/ul

RT: 19.68 min Scan# 2835

Delta R.T. -0.00 min

Lab File: BE094323.D

Acq: 13 Oct 2017 13:56

Instrument :

BNA_E

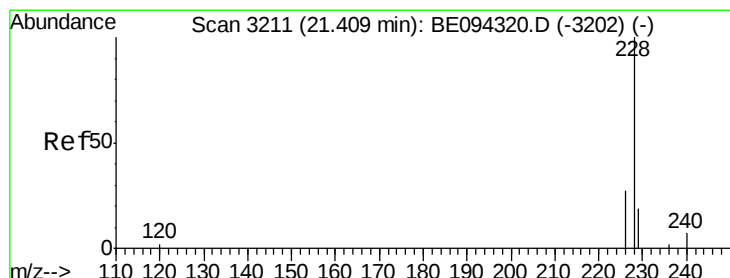
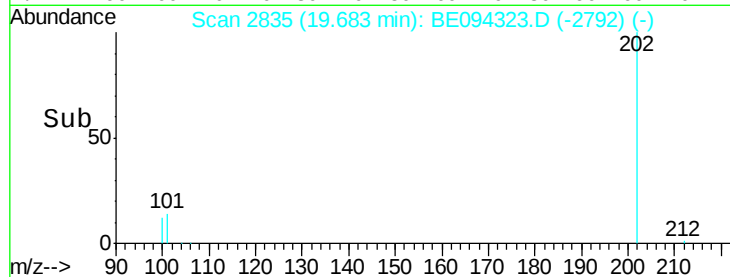
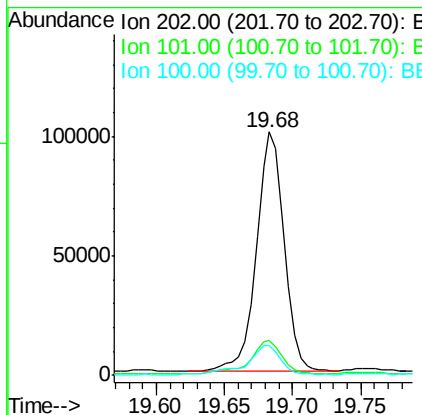
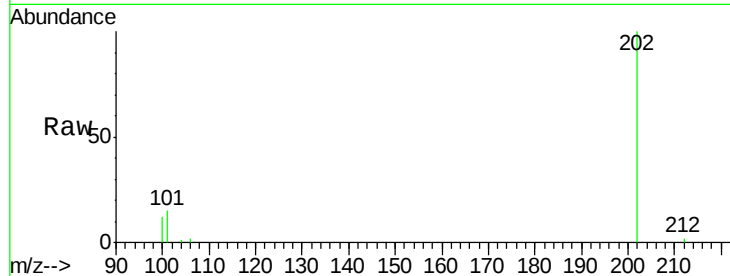
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Tgt Ion:	202	Resp:	142288
Ion Ratio	Lower	Upper	
202	100		
101	14.6	18.2	27.4#
100	12.4	15.6	23.4#

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#18

Benzo(a)anthracene

Concen: 2.99 ng/ul

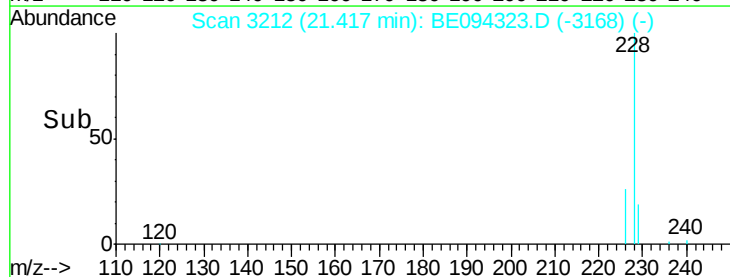
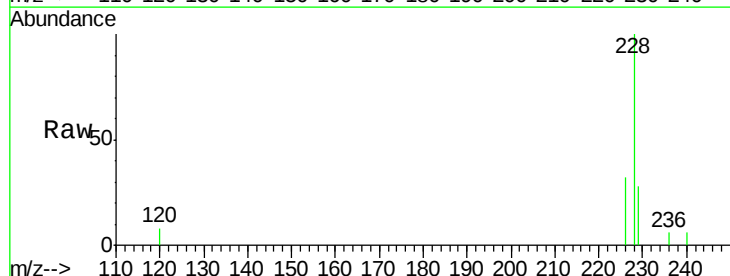
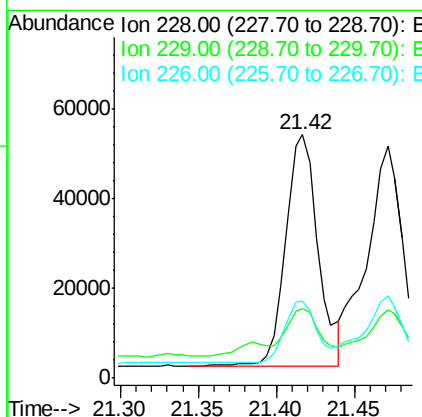
RT: 21.42 min Scan# 3212

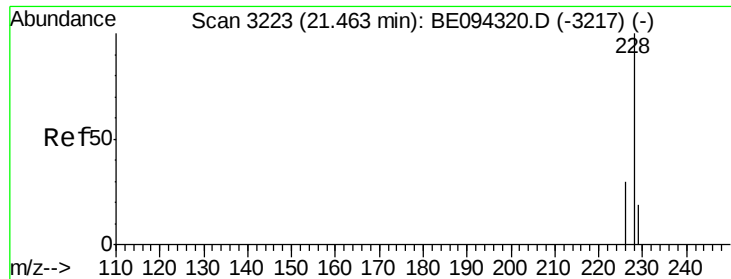
Delta R.T. -0.00 min

Lab File: BE094323.D

Acq: 13 Oct 2017 13:56

Tgt Ion:	228	Resp:	74448
Ion Ratio	Lower	Upper	
228	100		
229	28.4	22.8	34.2
226	31.8	17.0	25.6#





#19

Chrysene

Concen: 2.77 ng/ul

RT: 21.47 min Scan# 3224

Delta R.T. -0.00 min

Lab File: BE094323.D

Acq: 13 Oct 2017 13:56

Instrument :

BNA_E

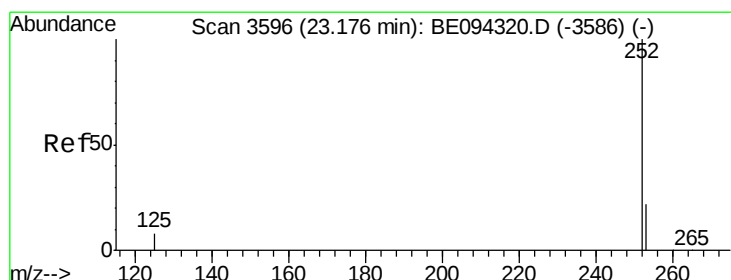
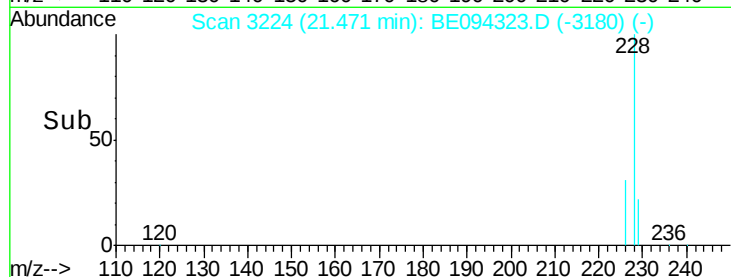
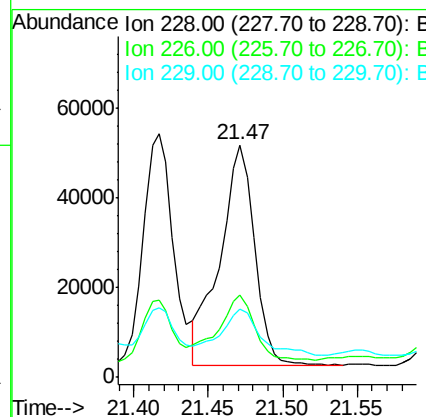
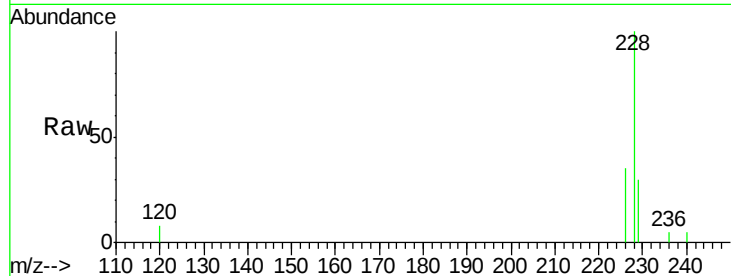
ClientSampleId :

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Tgt Ion:	228	Resp:	79434
Ion Ratio	Lower	Upper	
228	100		
226	35.4	23.4	35.0#
229	29.5	17.7	26.5#

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#21

Benzo(b)fluoranthene

Concen: 3.70 ng/ul m

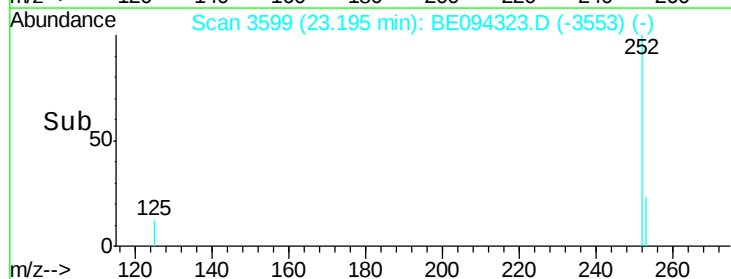
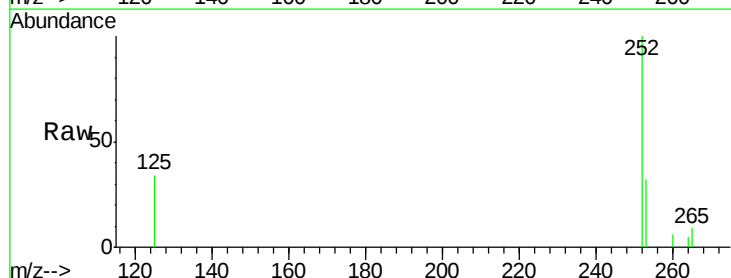
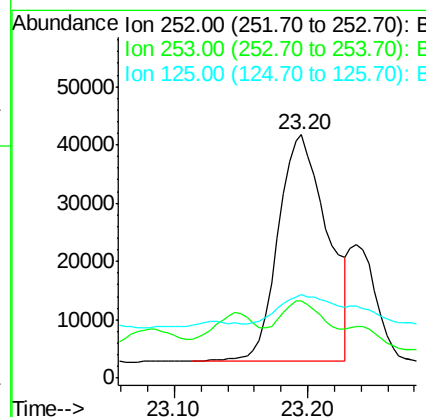
RT: 23.20 min Scan# 3599

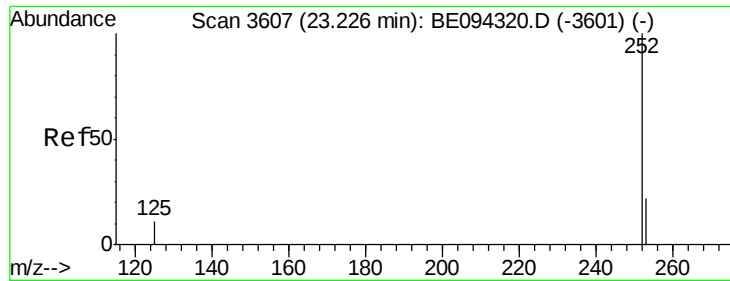
Delta R.T. 0.01 min

Lab File: BE094323.D

Acq: 13 Oct 2017 13:56

Tgt Ion:	252	Resp:	99394
Ion Ratio	Lower	Upper	
252	100		
253	31.7	0.0	64.2
125	34.2	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 0.97 ng/ul m

RT: 23.24 min Scan# 3608

Delta R.T. 0.00 min

Lab File: BE094323.D

Acq: 13 Oct 2017 13:56

Instrument :

BNA_E

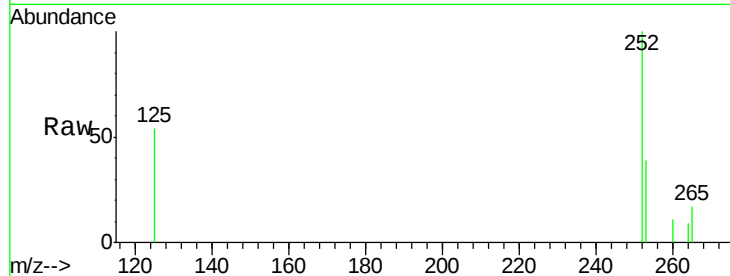
ClientSampleId :

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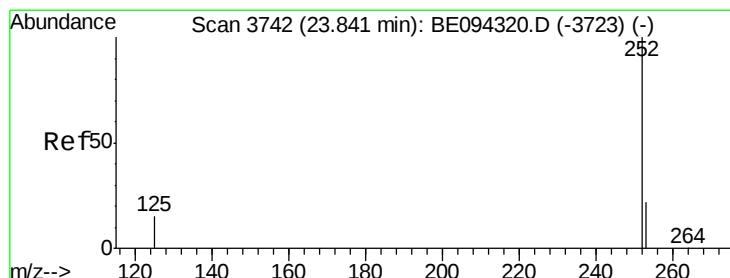
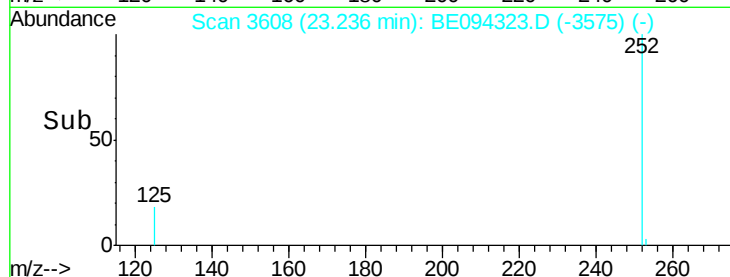
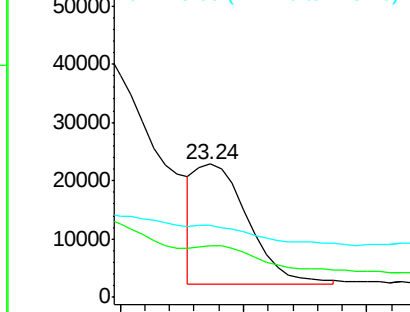
Tgt Ion:	252	Resp:	30290
Ion Ratio	Lower	Upper	
252	100		
253	39.1	24.5	36.7#
125	54.1	13.7	20.5#

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#23

Benzo(a)pyrene

Concen: 2.48 ng/ul

RT: 23.86 min Scan# 3745

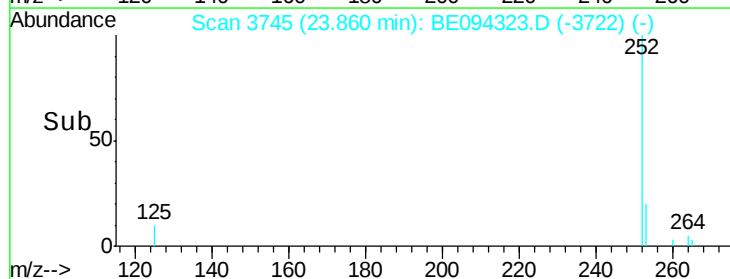
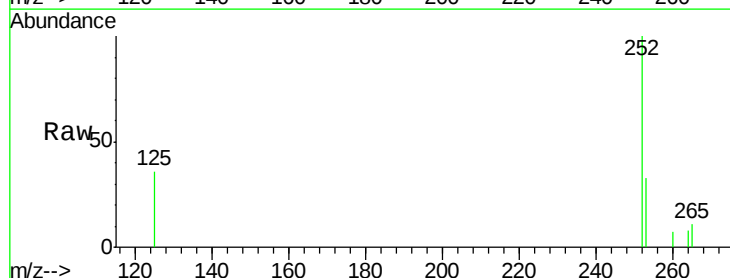
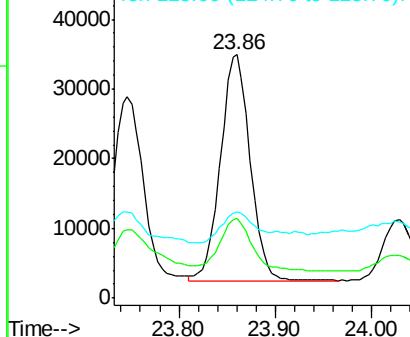
Delta R.T. 0.01 min

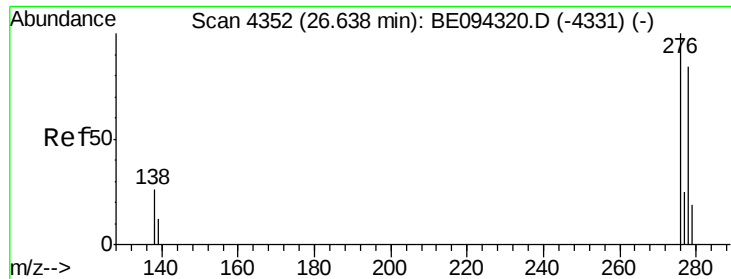
Lab File: BE094323.D

Acq: 13 Oct 2017 13:56

Tgt Ion:	252	Resp:	69288
Ion Ratio	Lower	Upper	
252	100		
253	32.9	28.5	42.7
125	35.6	18.1	27.1#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





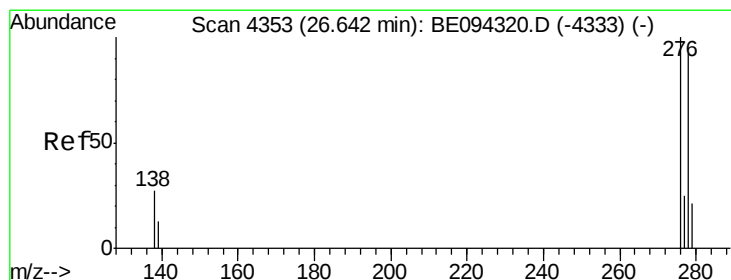
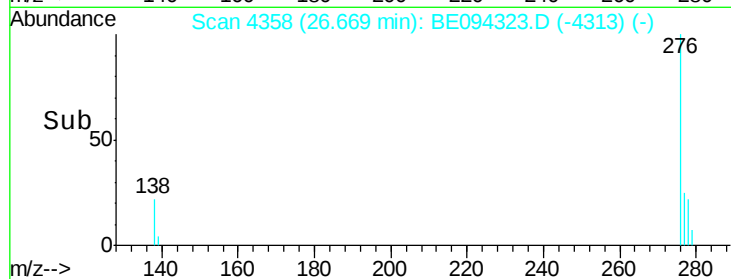
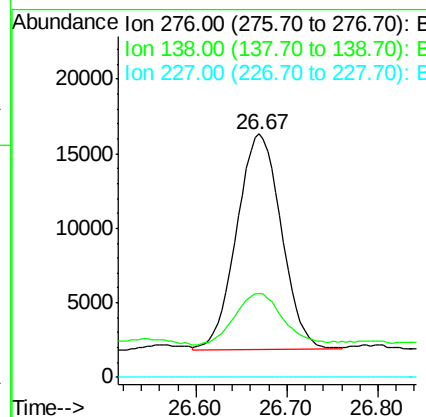
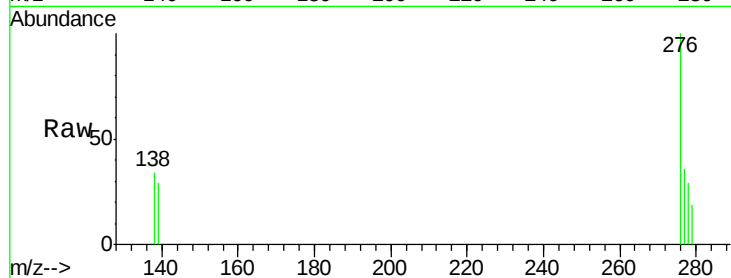
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 1.72 ng/ul
 RT: 26.67 min Scan# 4358
 Delta R.T. 0.01 min
 Lab File: BE094323.D
 Acq: 13 Oct 2017 13:56

Instrument :
 BNA_E
 ClientSampleId :
 B-56(1-2)-092717DL

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.3	28.0	42.0#
227	0.0	8.0	12.0#

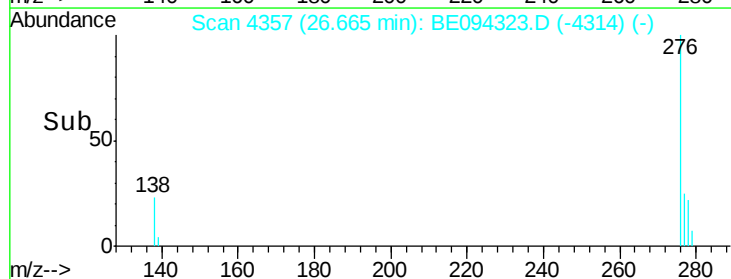
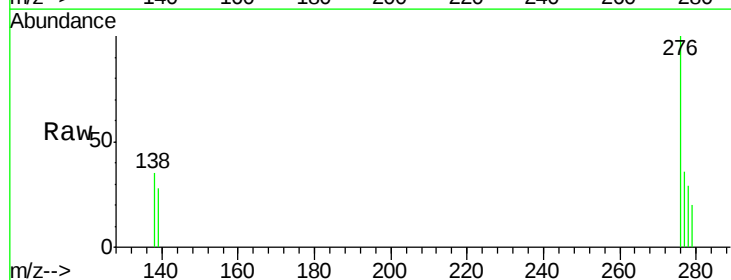
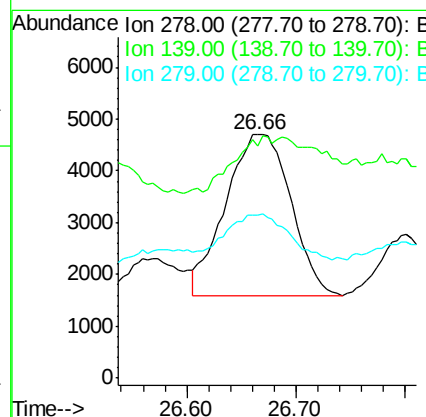
Manual Integrations
 APPROVED

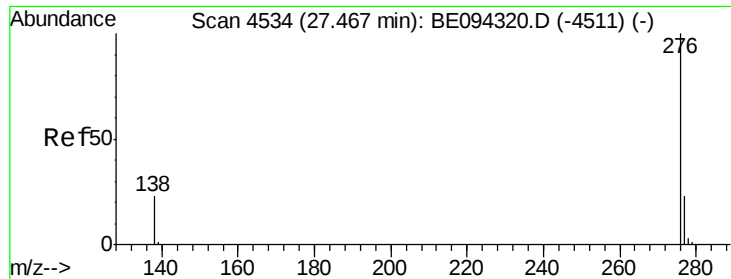
Sohil
 10/16/2017 8:22:38 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.53 ng/ul
 RT: 26.66 min Scan# 4357
 Delta R.T. -0.00 min
 Lab File: BE094323.D
 Acq: 13 Oct 2017 13:56

Tgt Ion	Ratio	Lower	Upper
278	100		
139	95.6	17.4	26.0#
279	66.8	25.9	38.9#





#26
 Benzo(g,h,i)perylene
 Concen: 2.04 ng/ul
 RT: 27.51 min Scan# 4543
 Delta R.T. 0.01 min
 Lab File: BE094323.D
 Acq: 13 Oct 2017 13:56

Instrument :
 BNA_E
 ClientSampleId :
 B-56(1-2)-092717DL

Tgt	Ion	Ratio	Lower	Upper
276	100			
138	34.6	21.8	32.8#	
277	35.4	20.5	30.7#	

Manual Integrations
 APPROVED

Sohil
 10/16/2017 8:22:38 PM

