

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE100717\
 Data File : BE094206.D
 Acq On : 7 Oct 2017 17:17
 Operator : SJ/JU
 Sample : I5449-02DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-40(0-1)-092617DL

Manual Integrations
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 10/9/2017 6:52:58 PM

Quant Time: Oct 08 03:26:55 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 01:38:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1074	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	6072	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	3730	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.24	188	7806	0.40	ng/ul	-0.03
16) Chrysene-d12	21.41	240	11200	0.40	ng/ul	0.00
20) Perylene-d12	23.92	264	7814	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.34	152	495	0.05	ng/ul	0.05
14) Fluoranthene-d10	19.27	212	949	0.04	ng/ul	-0.02
Target Compounds						Qvalue
3) Naphthalene	10.74	128	6933	0.47	ng/ul#	96
5) 2-Methylnaphthalene	12.40	142	5945	0.62	ng/ul	99
7) Acenaphthylene	14.25	152	2869	0.20	ng/ul#	82
8) Acenaphthene	14.59	153	1494	0.12	ng/ul#	91
9) Fluorene	15.56	166	1814	0.13	ng/ul#	73
11) Pentachlorophenol	16.91	266	225	0.25	ng/ul#	50
12) Phenanthrene	17.27	178	80034	3.92	ng/ul#	85
13) Anthracene	17.38	178	8919	0.45	ng/ul	94
15) Fluoranthene	19.30	202	126404	4.72	ng/ul	84
17) Pyrene	19.66	202	120751	3.87	ng/ul#	82
18) Benzo(a)anthracene	21.39	228	57942	1.95	ng/ul#	86
19) Chrysene	21.44	228	89244	2.60	ng/ul	93
21) Benzo(b)fluoranthene	23.15	252	112699m	5.31	ng/ul	
22) Benzo(k)fluoranthene	23.19	252	34660m	1.41	ng/ul	
23) Benzo(a)pyrene	23.80	252	38367	1.74	ng/ul#	74
24) Indeno(1,2,3-cd)pyrene	26.56	276	50174	2.22	ng/ul#	78
25) Dibenzo(a,h)anthracene	26.56	278	13819	0.73	ng/ul#	53
26) Benzo(g,h,i)perylene	27.38	276	49429	2.54	ng/ul	95

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

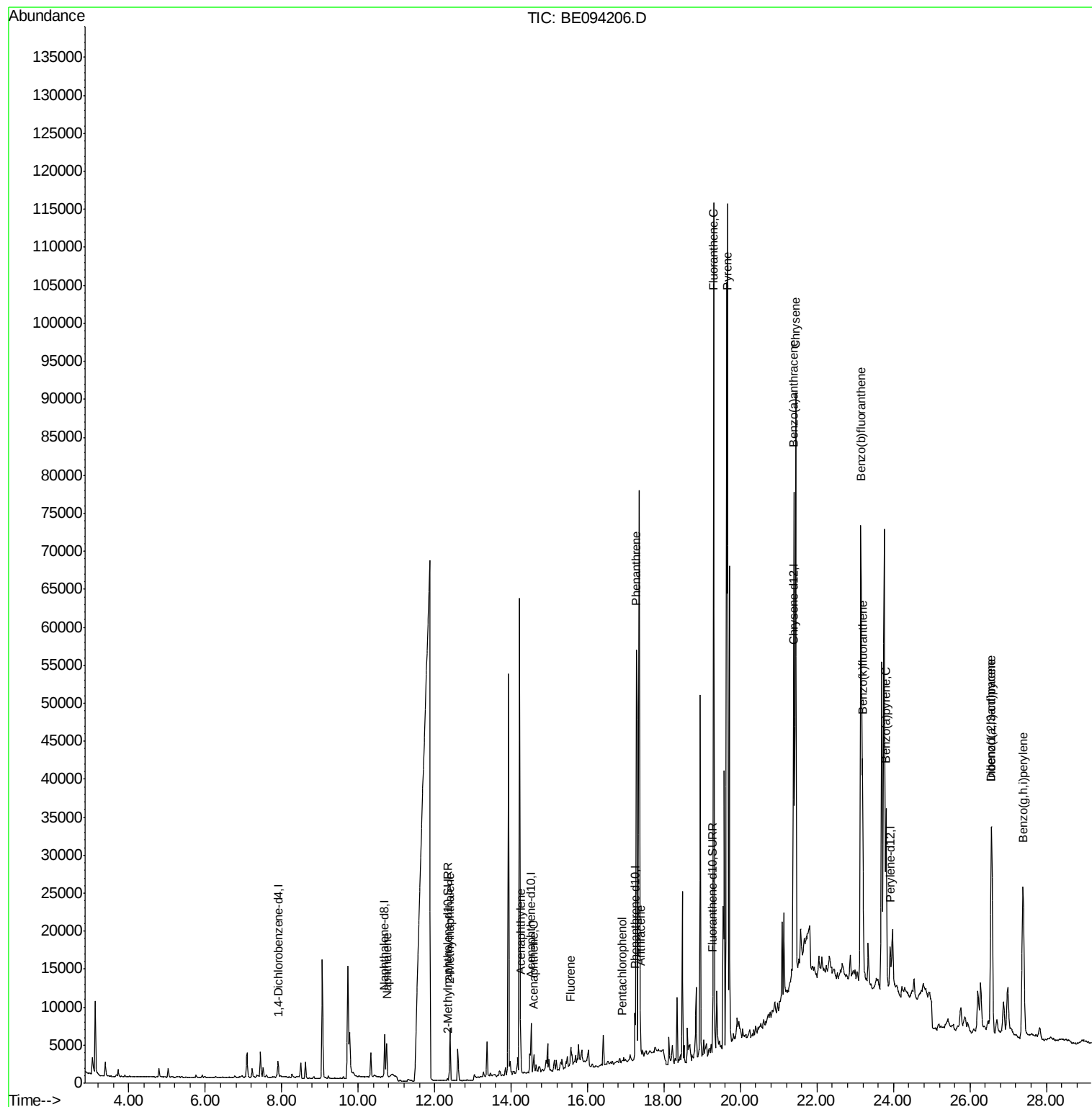
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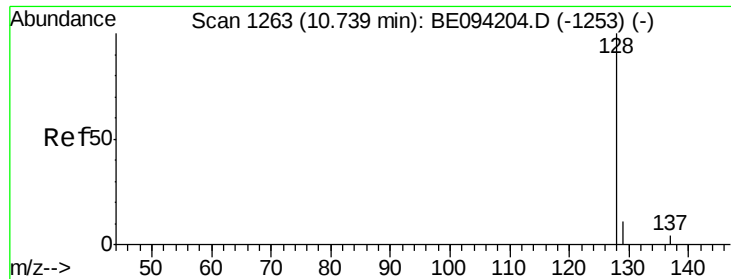
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#3

Naphthalene

Concen: 0.47 ng/ul

RT: 10.74 min Scan# 1264

Delta R.T. -0.01 min

Lab File: BE094206.D

Acq: 7 Oct 2017 17:17

Instrument :

BNA_E

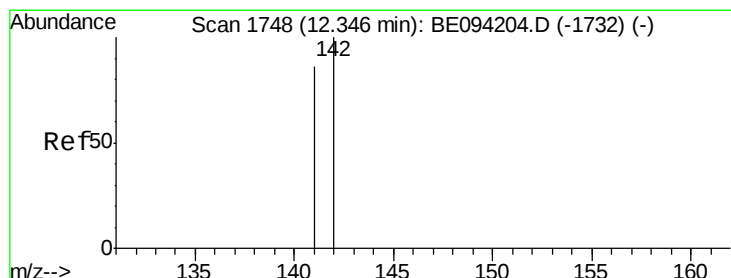
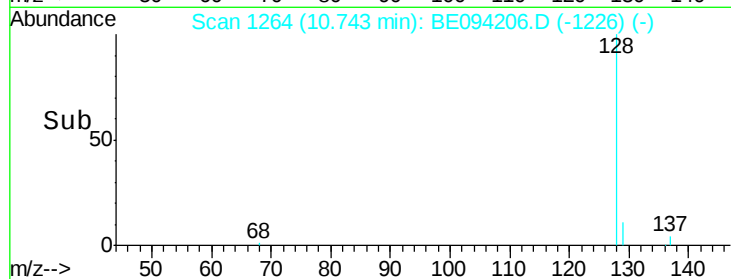
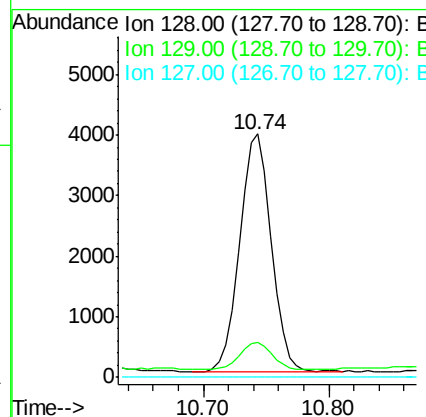
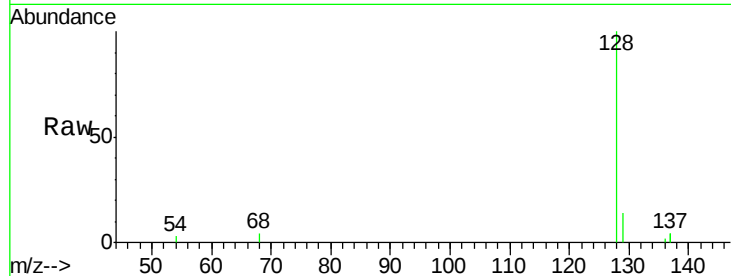
ClientSampleId :

B-40(0-1)-092617DL

Tgt Ion:	128	Resp:	6933
Ion Ratio	Lower	Upper	
128	100		
129	14.3	11.3	16.9
127	0.0	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 0.62 ng/ul

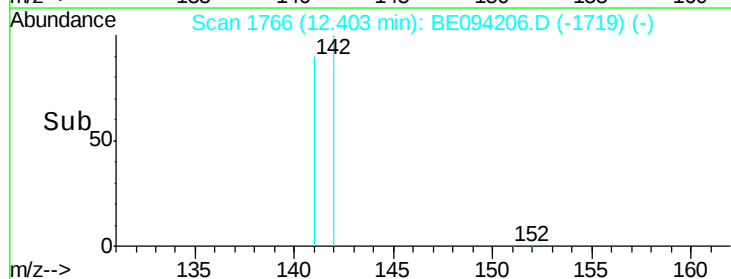
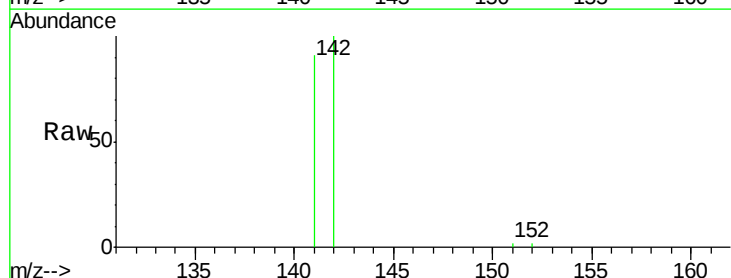
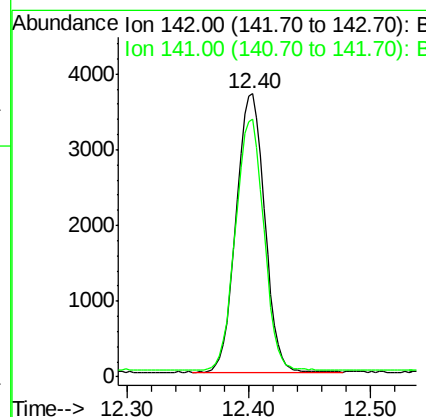
RT: 12.40 min Scan# 1766

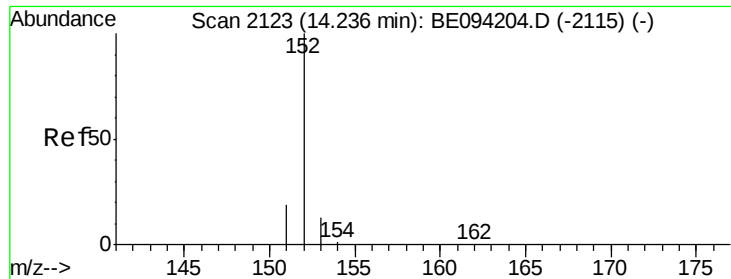
Delta R.T. 0.04 min

Lab File: BE094206.D

Acq: 7 Oct 2017 17:17

Tgt Ion:	142	Resp:	5945
Ion Ratio	Lower	Upper	
142	100		
141	89.7	72.6	108.8





#7

Acenaphthylene

Concen: 0.20 ng/ul

RT: 14.25 min Scan# 2125

Delta R.T. -0.00 min

Lab File: BE094206.D

Acq: 7 Oct 2017 17:17

Instrument :

BNA_E

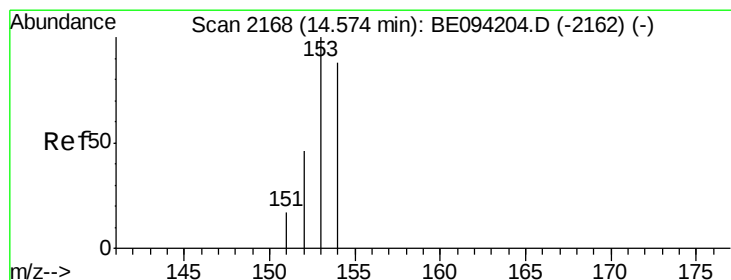
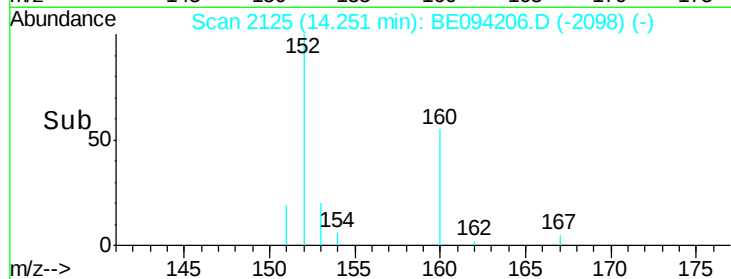
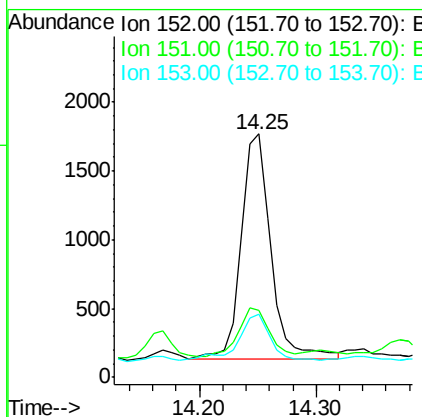
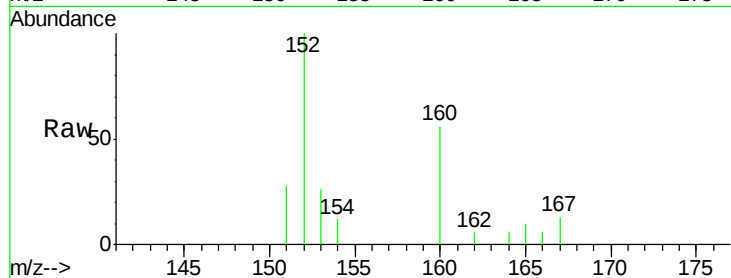
ClientSampleId :

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Tgt Ion	Ratio	Lower	Upper
152	100		
151	27.7	17.1	25.7#
153	26.0	12.8	19.2#

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#8

Acenaphthene

Concen: 0.12 ng/ul

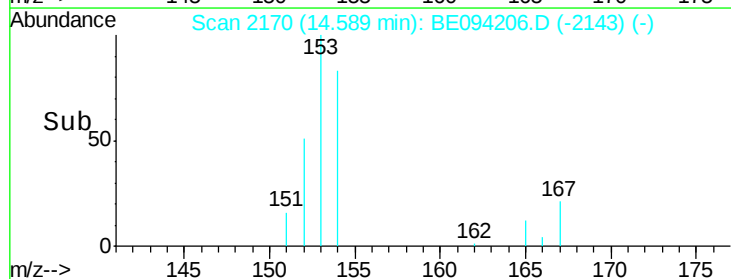
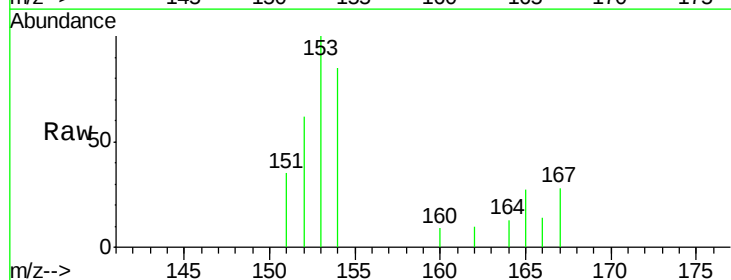
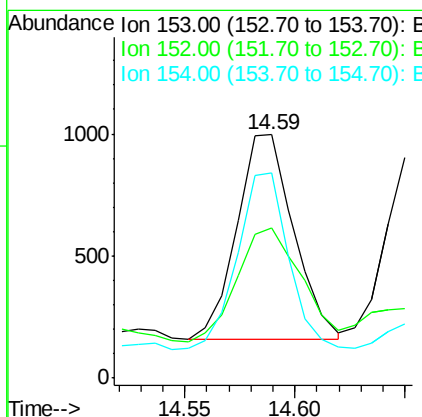
RT: 14.59 min Scan# 2170

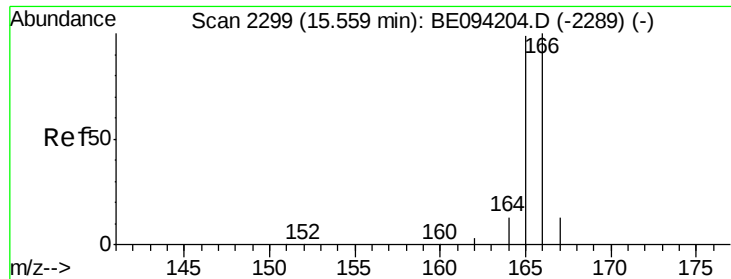
Delta R.T. -0.00 min

Lab File: BE094206.D

Acq: 7 Oct 2017 17:17

Tgt Ion	Ratio	Lower	Upper
153	100		
152	61.7	40.3	60.5#
154	84.6	71.4	107.2





#9

Fluorene

Concen: 0.13 ng/ul

RT: 15.56 min Scan# 2299

Delta R.T. -0.02 min

Lab File: BE094206.D

Acq: 7 Oct 2017 17:17

Instrument :

BNA_E

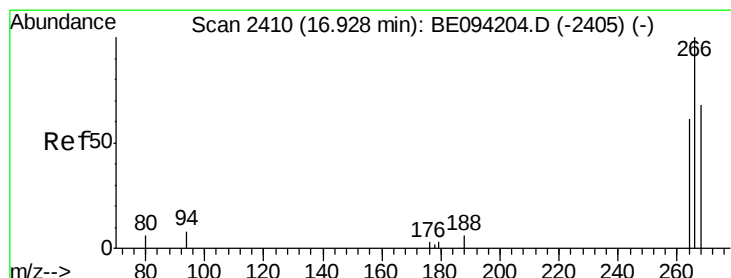
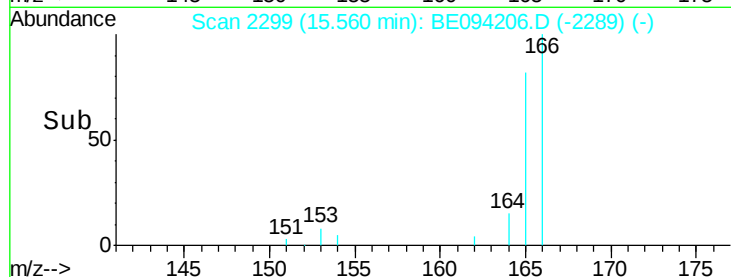
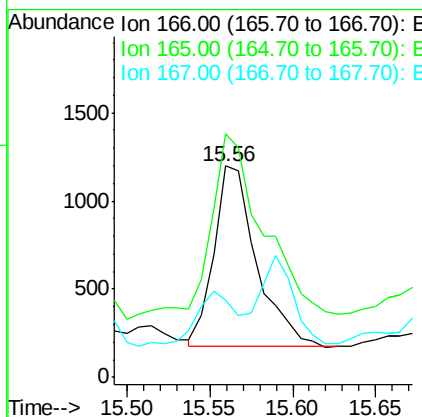
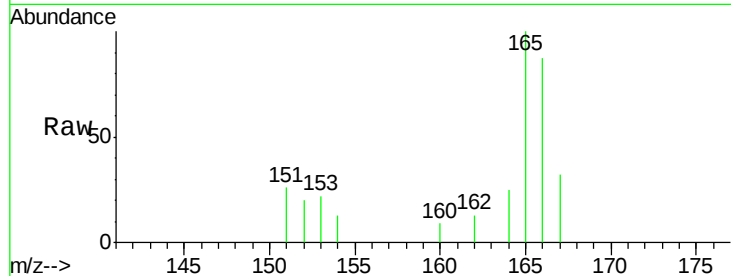
ClientSampleId :

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Tgt Ion:	166	Resp:	1814
Ion Ratio	Lower	Upper	
166	100		
165	115.4	73.4	110.2#
167	36.7	14.6	22.0#

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#11

Pentachlorophenol

Concen: 0.25 ng/ul

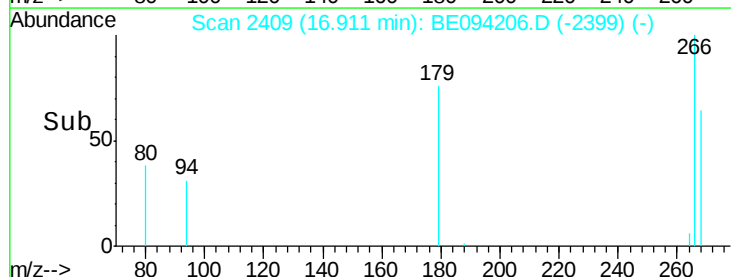
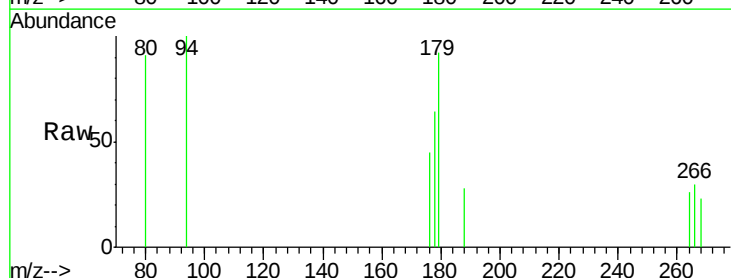
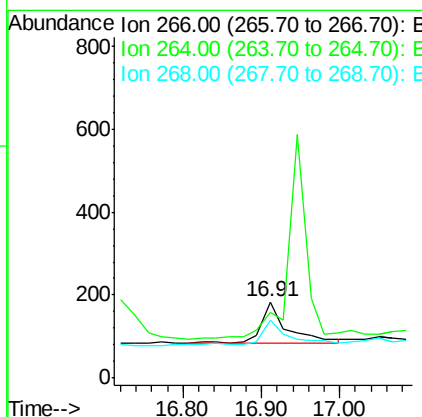
RT: 16.91 min Scan# 2409

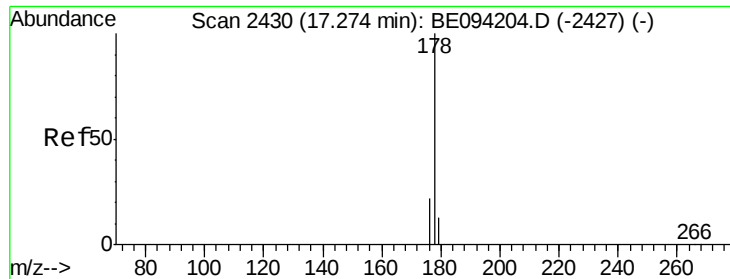
Delta R.T. -0.03 min

Lab File: BE094206.D

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Tgt Ion:	266	Resp:	225
Ion Ratio	Lower	Upper	
266	100		
264	0.0	47.9	71.9#
268	79.6	49.8	74.8#





#12

Phenanthrene

Concen: 3.92 ng/ul

RT: 17.27 min Scan# 2430

Delta R.T. -0.03 min

Lab File: BE094206.D

Acq: 7 Oct 2017 17:17

Instrument :

BNA_E

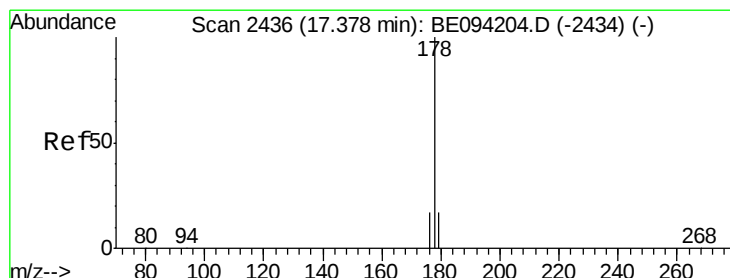
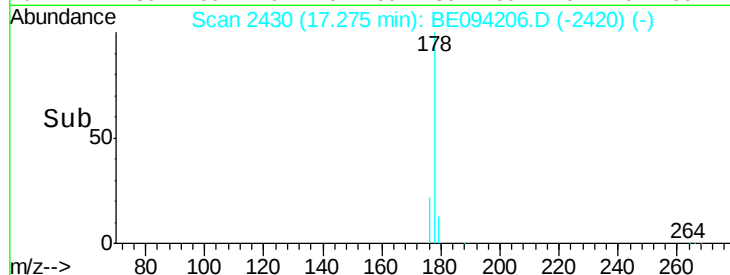
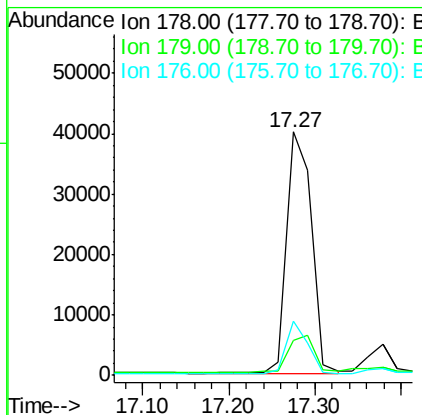
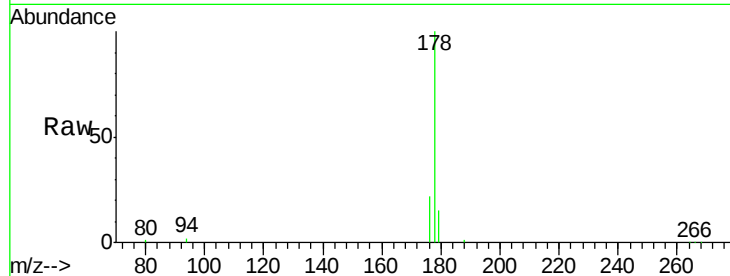
ClientSampleId :

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Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.5	18.4	27.6#
176	22.4	13.6	20.4#

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#13

Anthracene

Concen: 0.45 ng/ul

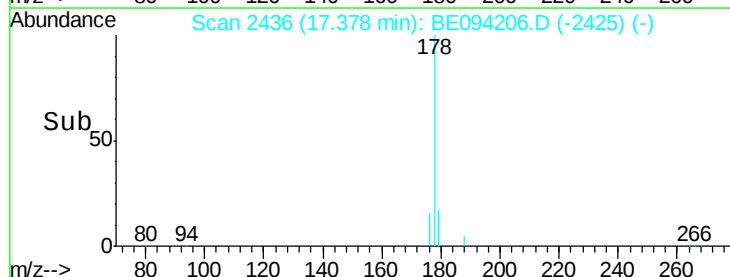
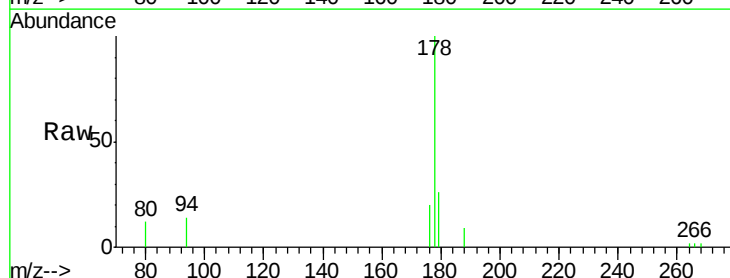
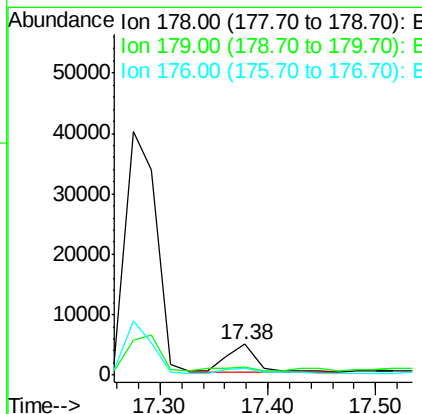
RT: 17.38 min Scan# 2436

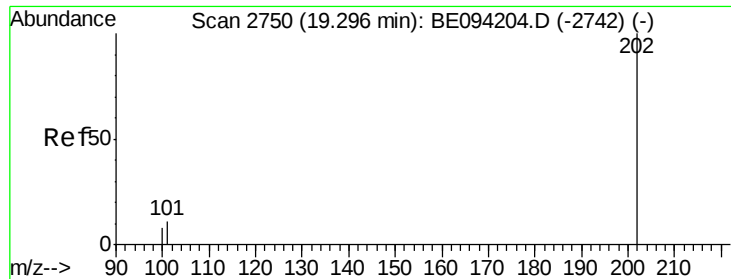
Delta R.T. -0.02 min

Lab File: BE094206.D

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Tgt Ion	Ratio	Lower	Upper
178	100		
179	26.4	18.1	27.1
176	20.5	14.7	22.1





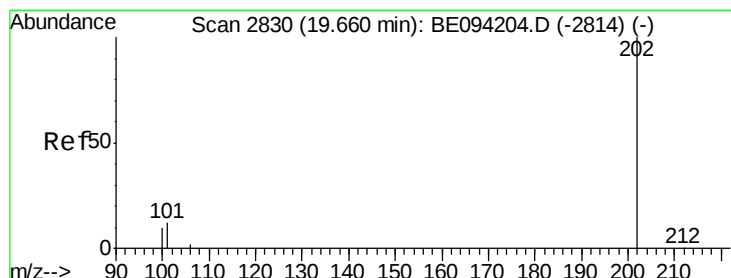
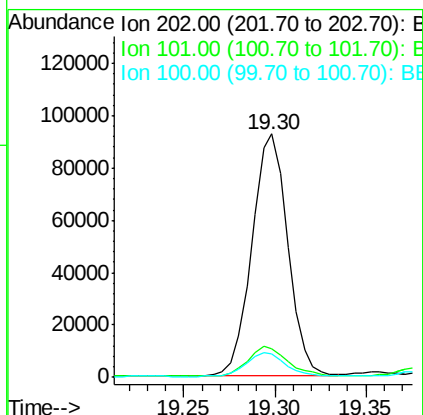
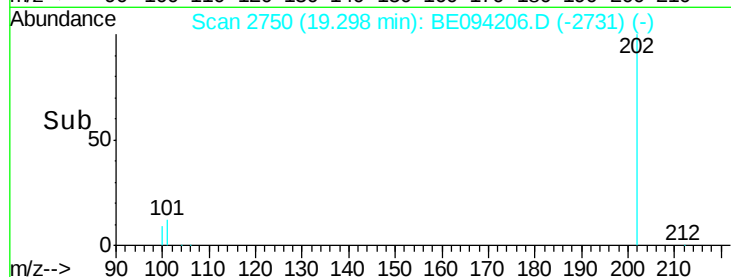
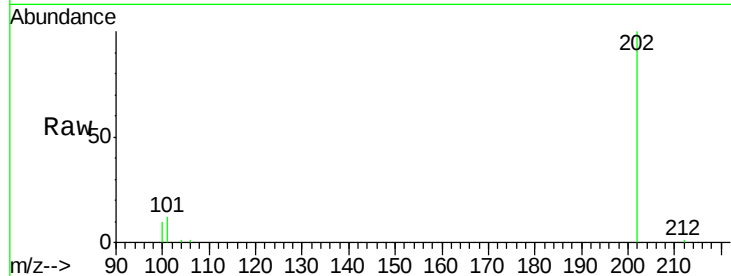
#15
Fluoranthene
Concen: 4.72 ng/ul
RT: 19.30 min Scan# 2750
Delta R.T. -0.01 min
Lab File: BE094206.D
Acq: 7 Oct 2017 17:17

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BNA_E
ClientSampleId :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	12.0	0.0	30.3
100	9.6	0.0	39.5

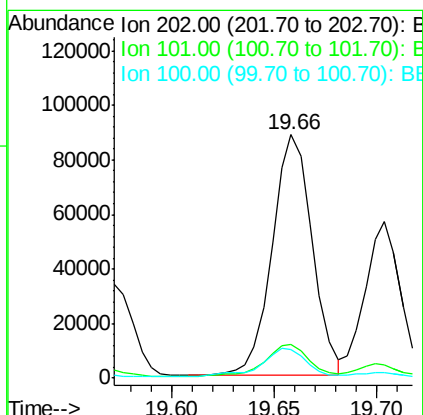
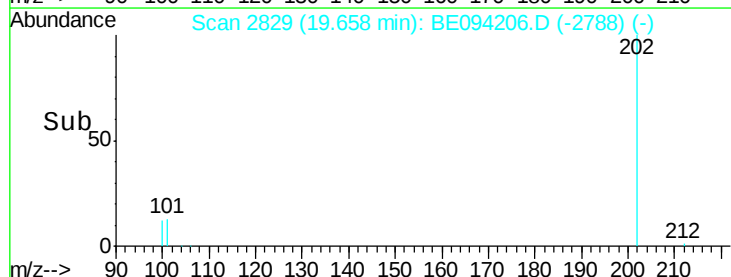
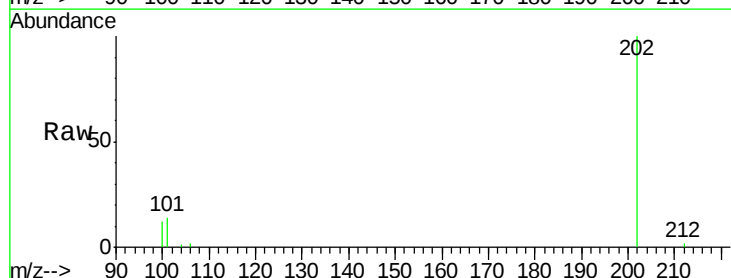
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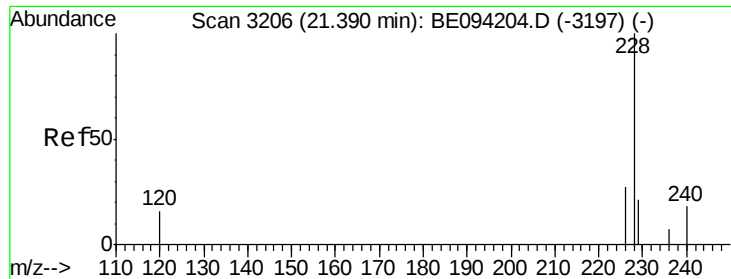
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#17
Pyrene
Concen: 3.87 ng/ul
RT: 19.66 min Scan# 2829
Delta R.T. -0.01 min
Lab File: BE094206.D
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Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	13.7	18.2	27.4#
100	12.0	15.6	23.4#





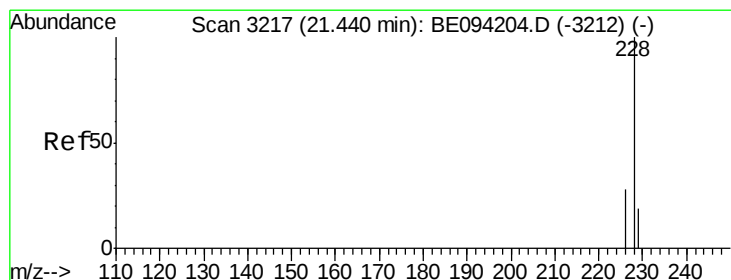
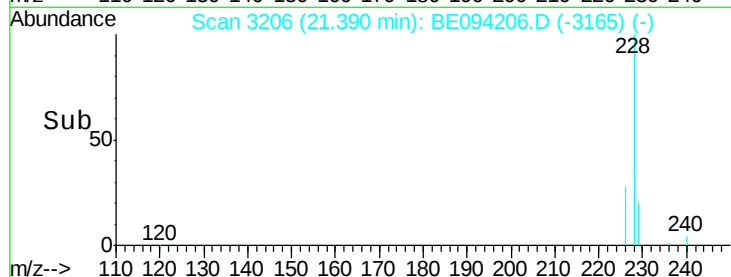
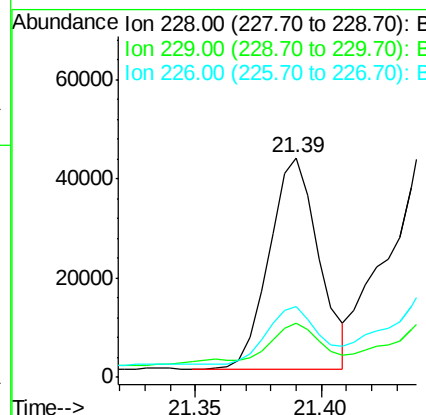
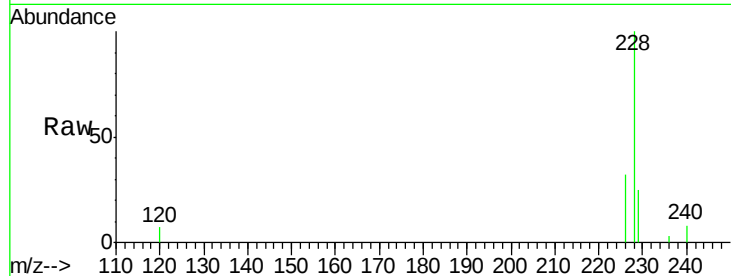
#18
Benzo(a)anthracene
Concen: 1.95 ng/ul
RT: 21.39 min Scan# 3206
Delta R.T. -0.01 min
Lab File: BE094206.D
Acq: 7 Oct 2017 17:17

Instrument :
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ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
228	100		
229	24.6	22.8	34.2
226	32.1	17.0	25.6

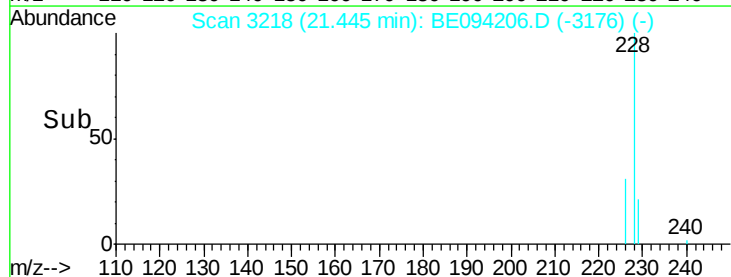
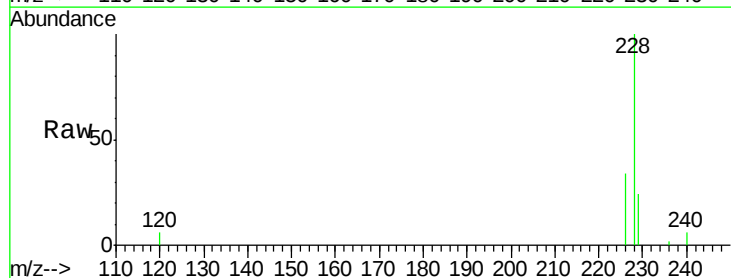
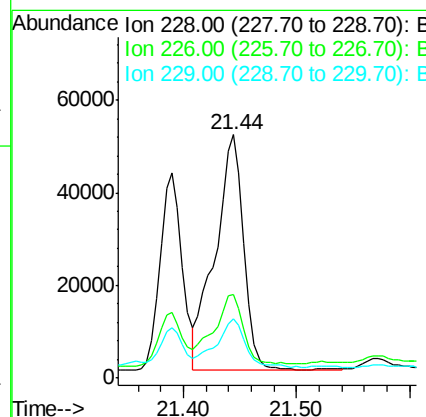
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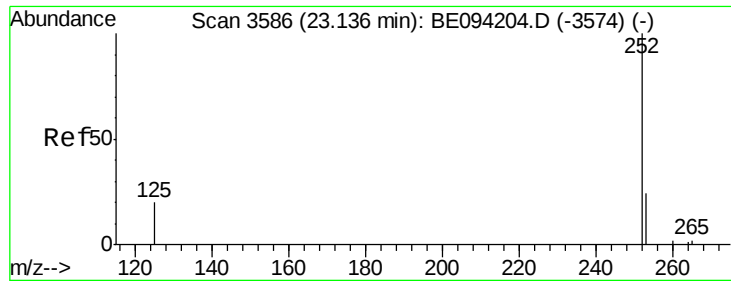
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#19
Chrysene
Concen: 2.60 ng/ul
RT: 21.44 min Scan# 3218
Delta R.T. -0.01 min
Lab File: BE094206.D
Acq: 7 Oct 2017 17:17

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.3	23.4	35.0
229	24.3	17.7	26.5





#21

Benzo(b)fluoranthene

Concen: 5.31 ng/ul m

RT: 23.15 min Scan# 3589

Delta R.T. -0.00 min

Lab File: BE094206.D

Acq: 7 Oct 2017 17:17

Instrument :

BNA_E

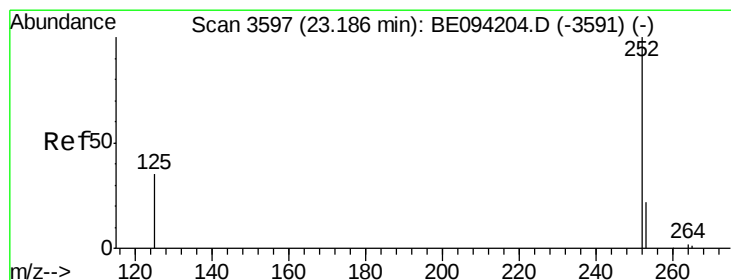
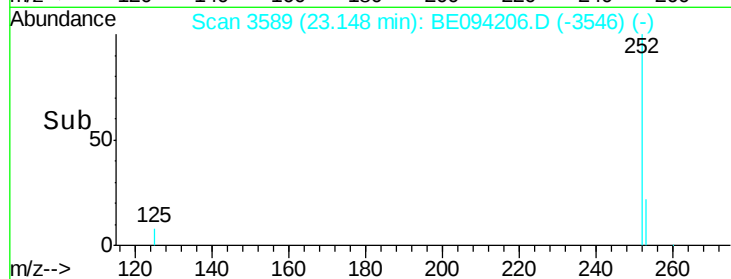
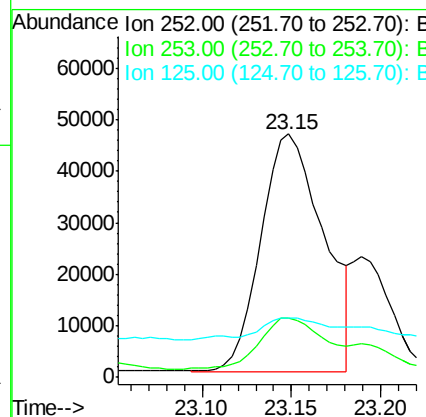
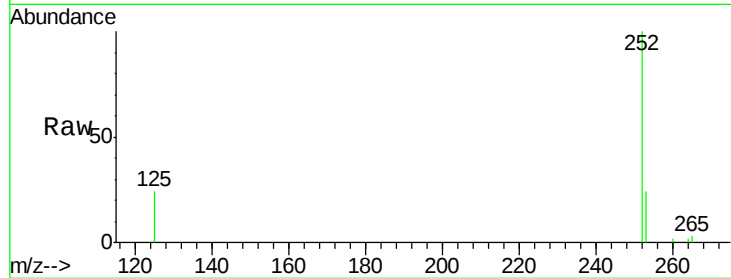
ClientSampleId :

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Tgt Ion:	252	Resp:	112699
Ion Ratio	Lower	Upper	
252	100		
253	24.4	0.0	64.2
125	24.3	0.0	35.0

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#22

Benzo(k)fluoranthene

Concen: 1.41 ng/ul m

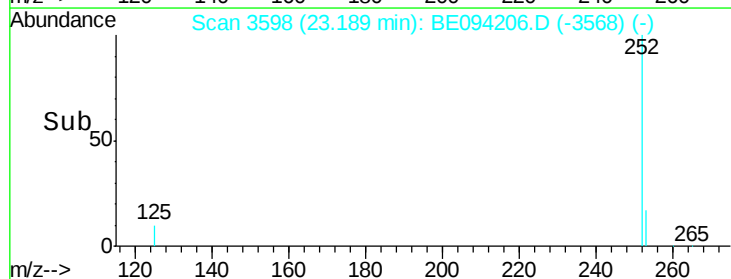
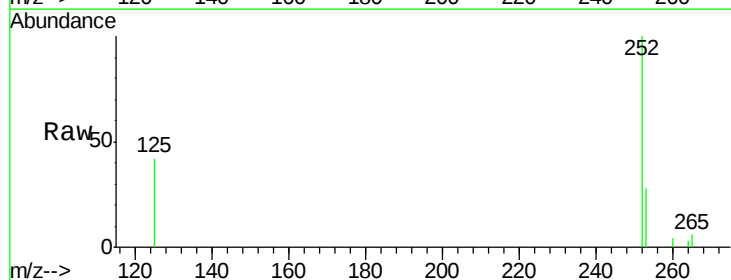
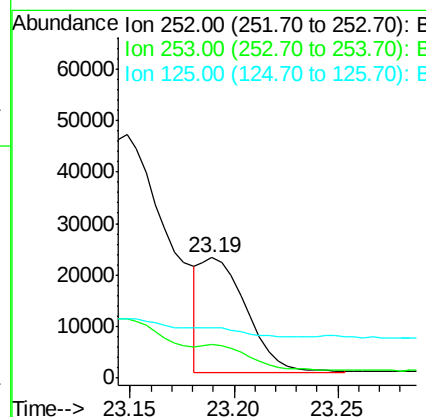
RT: 23.19 min Scan# 3598

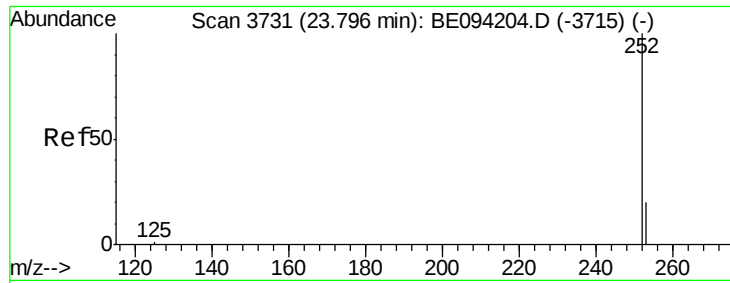
Delta R.T. -0.01 min

Lab File: BE094206.D

Acq: 7 Oct 2017 17:17

Tgt Ion:	252	Resp:	34660
Ion Ratio	Lower	Upper	
252	100		
253	27.8	24.5	36.7
125	41.7	13.7	20.5#





#23

Benzo(a)pyrene

Concen: 1.74 ng/ul

RT: 23.80 min Scan# 3733

Delta R.T. -0.01 min

Lab File: BE094206.D

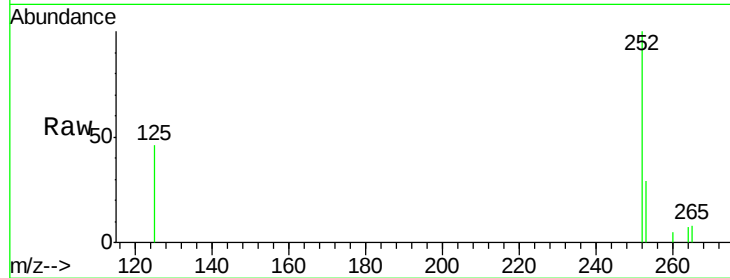
Acq: 7 Oct 2017 17:17

Instrument :

BNA_E

ClientSampleId :

B-40(0-1)-092617DL



Tgt Ion: 252 Resp: 38367

Ion Ratio Lower Upper

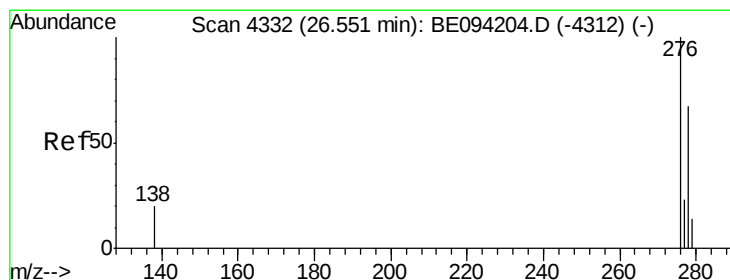
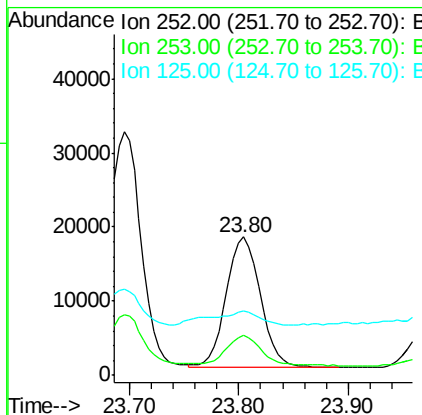
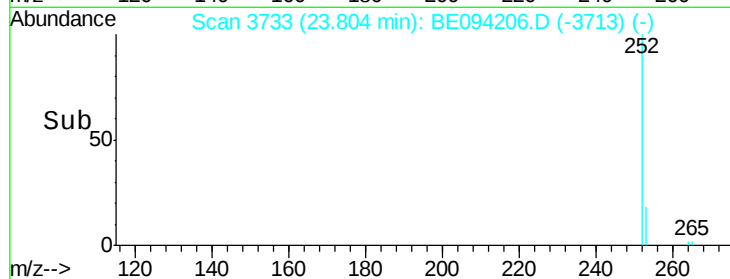
252 100

253 28.7 28.5 42.7

125 46.4 18.1 27.1#

Manual Integrations
APPROVED

Sohil
10/9/2017 6:52:58 PM



#24

Indeno(1,2,3-cd)pyrene

Concen: 2.22 ng/ul

RT: 26.56 min Scan# 4334

Delta R.T. -0.02 min

Lab File: BE094206.D

Acq: 7 Oct 2017 17:17

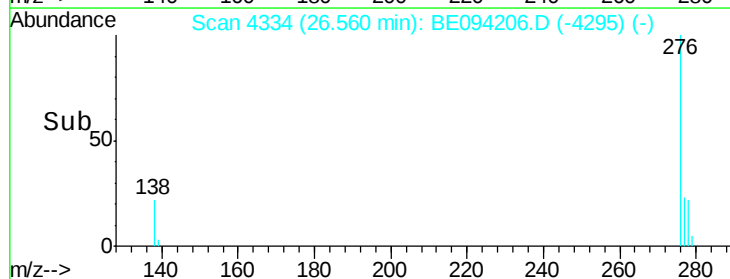
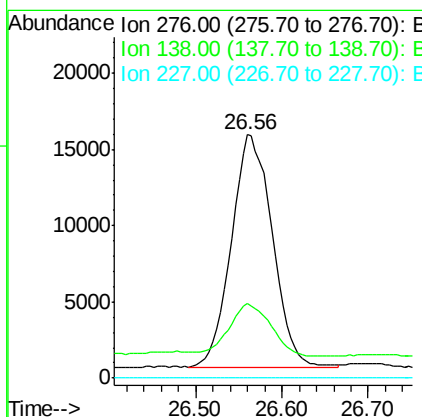
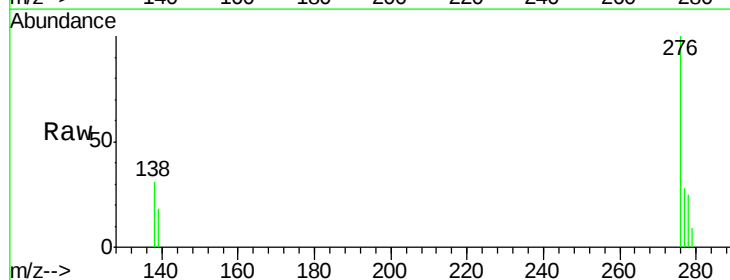
Tgt Ion: 276 Resp: 50174

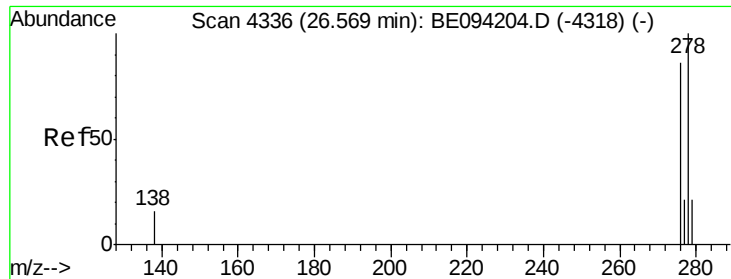
Ion Ratio Lower Upper

276 100

138 22.7 28.0 42.0#

227 0.0 8.0 12.0#





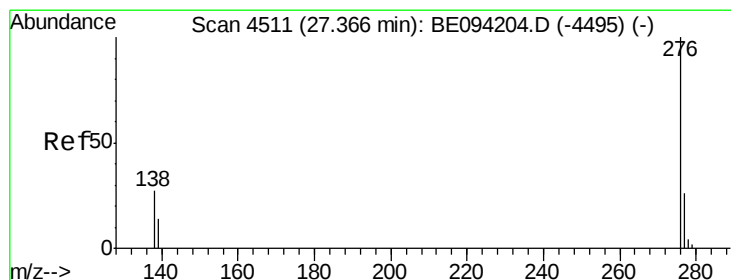
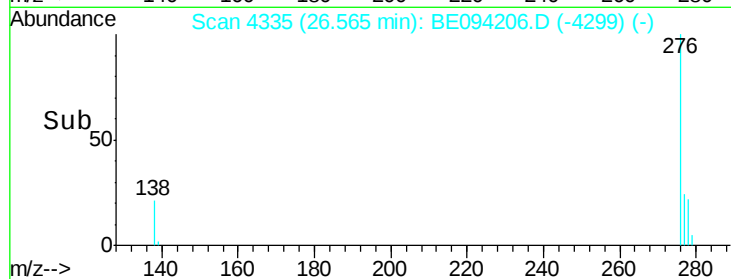
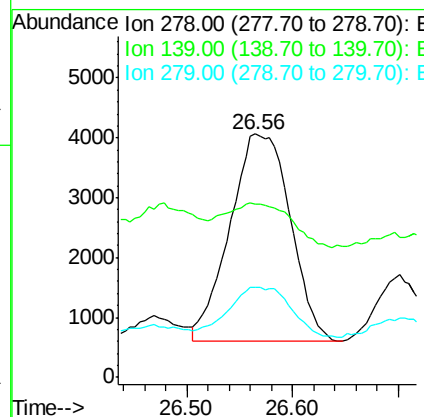
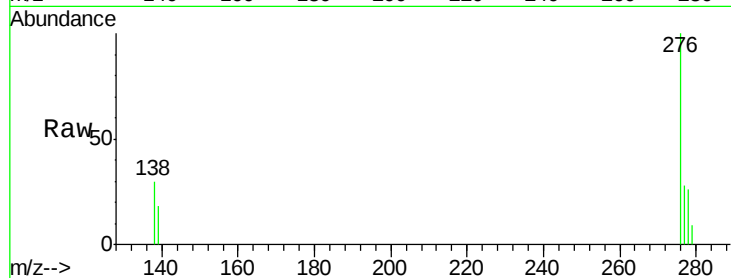
#25
Dibenzo(a,h)anthracene
Concen: 0.73 ng/ul
RT: 26.56 min Scan# 4335
Delta R.T. -0.04 min
Lab File: BE094206.D
Acq: 7 Oct 2017 17:17

Instrument :
BNA_E
ClientSampleId :
B-40(0-1)-092617DL

Tgt Ion	Ratio	Lower	Upper
278	100		
139	71.2	17.4	26.0#
279	37.2	25.9	38.9

Manual Integrations
APPROVED

Sohil
10/9/2017 6:52:58 PM



#26
Benzo(g,h,i)perylene
Concen: 2.54 ng/ul
RT: 27.38 min Scan# 4515
Delta R.T. -0.01 min
Lab File: BE094206.D
Acq: 7 Oct 2017 17:17

Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.4	21.8	32.8
277	27.7	20.5	30.7

