

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE100717\
 Data File : BE094210.D
 Acq On : 7 Oct 2017 19:46
 Operator : SJ/JU
 Sample : I5449-04DL 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-60(0-1)-092617DL

Manual Integrations
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Quant Time: Oct 08 02:17:24 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	7.91	152	1313	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	6935	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	3936	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.24	188	8390	0.40	ng/ul	-0.04
16) Chrysene-d12	21.41	240	8317	0.40	ng/ul	0.00
20) Perylene-d12	23.92	264	8186	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	665	0.06	ng/ul	-0.01
14) Fluoranthene-d10	19.27	212	1484	0.05	ng/ul	-0.02
Target Compounds						Qvalue
3) Naphthalene	10.74	128	5866	0.35	ng/ul#	94
5) 2-Methylnaphthalene	12.35	142	2139	0.19	ng/ul	99
7) Acenaphthylene	14.23	152	2196	0.14	ng/ul#	94
8) Acenaphthene	14.57	153	7152	0.57	ng/ul	97
9) Fluorene	15.56	166	8786	0.59	ng/ul	91
12) Phenanthrene	17.29	178	174321	7.95	ng/ul#	92
13) Anthracene	17.38	178	44387	2.08	ng/ul#	92
15) Fluoranthene	19.30	202	231755	8.04	ng/ul	84
17) Pyrene	19.66	202	225146	9.73	ng/ul#	83
18) Benzo(a)anthracene	21.39	228	117090	5.31	ng/ul#	88
19) Chrysene	21.45	228	113236	4.44	ng/ul	98
21) Benzo(b)fluoranthene	23.15	252	120057m	5.40	ng/ul	
22) Benzo(k)fluoranthene	23.19	252	39713m	1.55	ng/ul	
23) Benzo(a)pyrene	23.80	252	95140	4.12	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	26.57	276	55414	2.34	ng/ul#	78
25) Dibenzo(a,h)anthracene	26.57	278	14783	0.75	ng/ul#	82
26) Benzo(g,h,i)perylene	27.39	276	49327	2.42	ng/ul	98

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

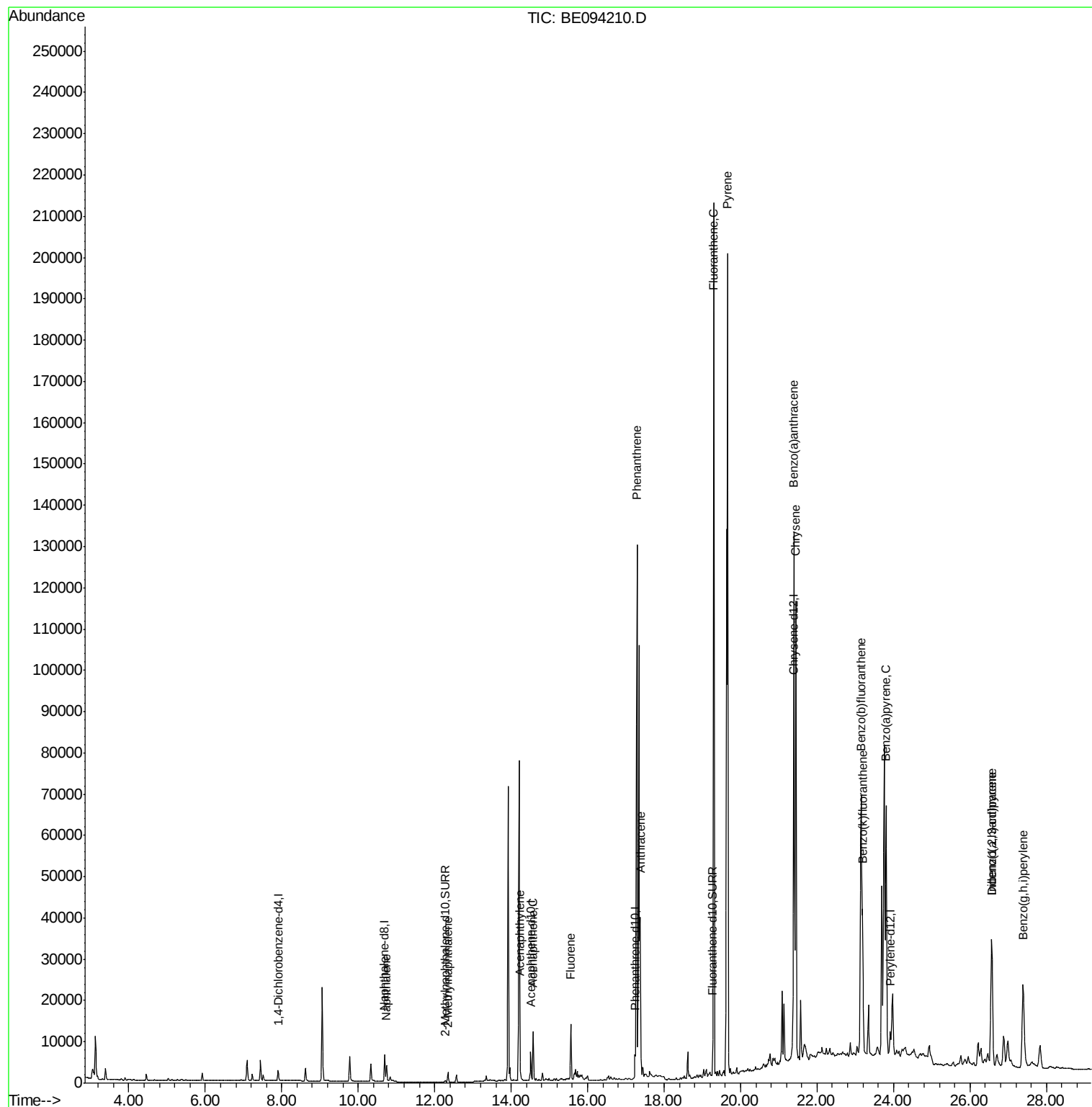
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE100717\
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ALS Vial : 15 Sample Multiplier: 1

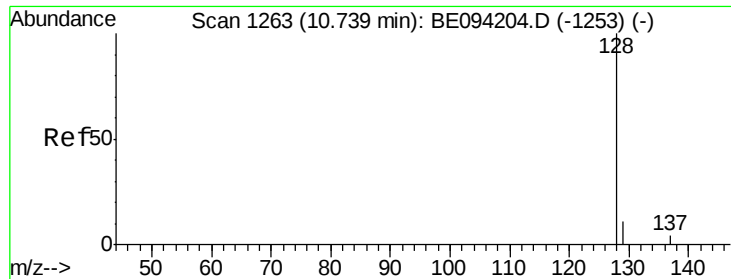
Instrument :
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QLast Update : Fri Sep 22 01:38:22 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.35 ng/ul

RT: 10.74 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BE094210.D

Acq: 7 Oct 2017 19:46

Instrument :

BNA_E

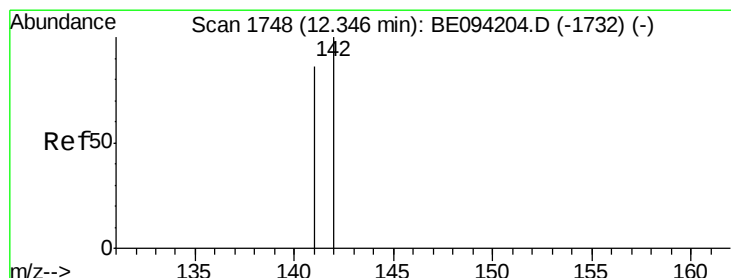
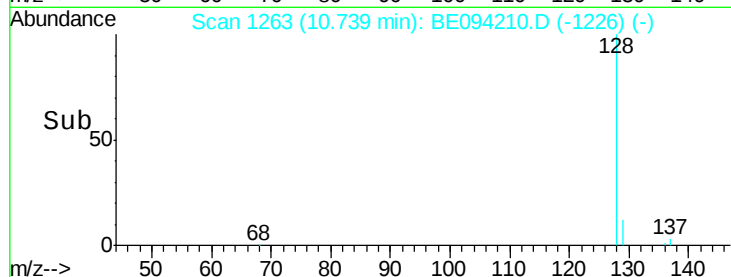
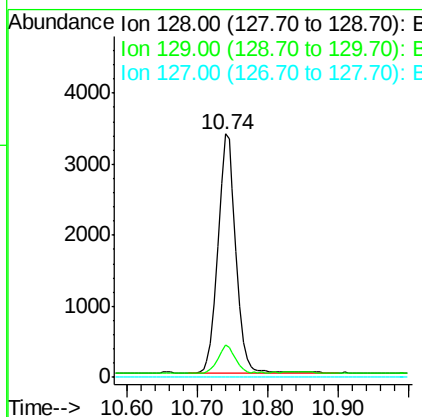
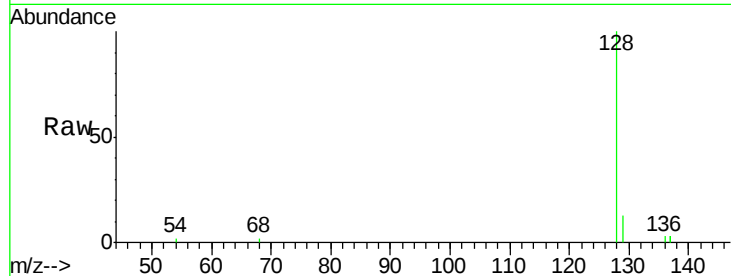
ClientSampleId :

B-60(0-1)-092617DL

Tgt Ion:	128	Resp:	5866
Ion Ratio	Lower	Upper	
128	100		
129	13.2	11.3	16.9
127	0.0	4.0	6.0

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#5

2-Methylnaphthalene

Concen: 0.19 ng/ul

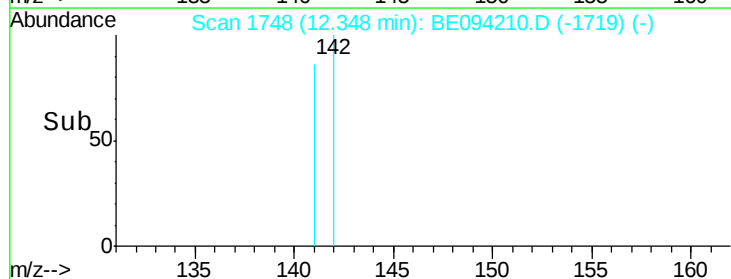
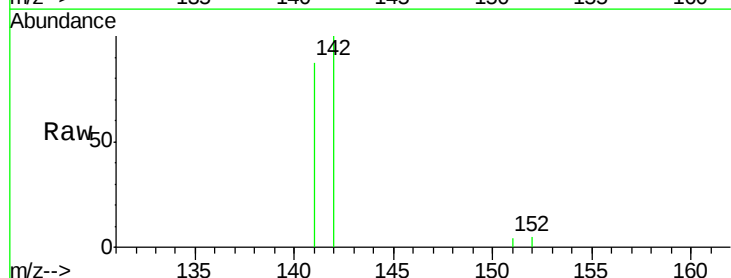
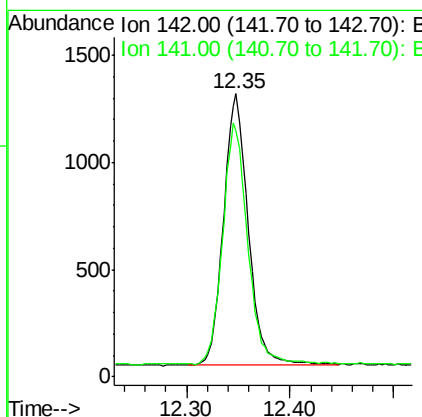
RT: 12.35 min Scan# 1748

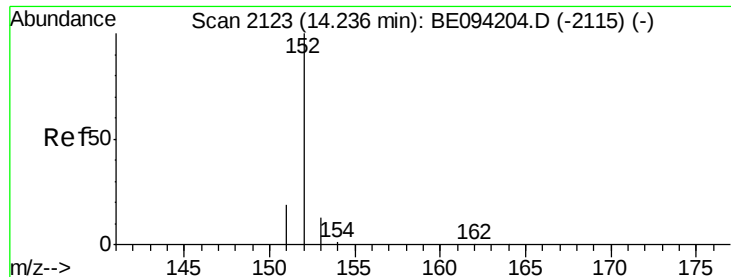
Delta R.T. -0.01 min

Lab File: BE094210.D

Acq: 7 Oct 2017 19:46

Tgt Ion:	142	Resp:	2139
Ion Ratio	Lower	Upper	
142	100		
141	90.0	72.6	108.8





#7

Acenaphthylene

Concen: 0.14 ng/ul

RT: 14.23 min Scan# 2122

Delta R.T. -0.02 min

Lab File: BE094210.D

Acq: 7 Oct 2017 19:46

Instrument :

BNA_E

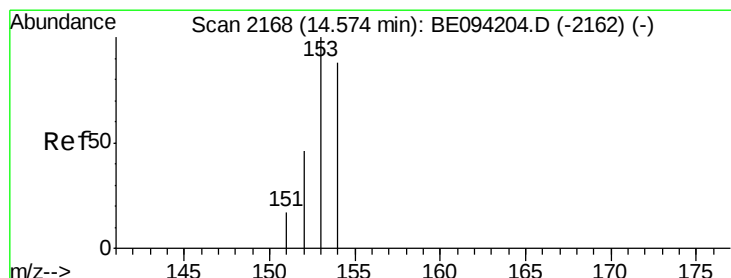
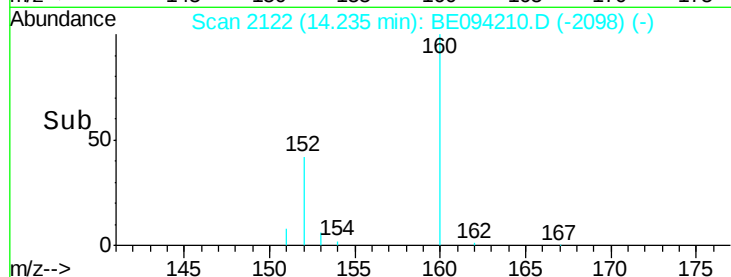
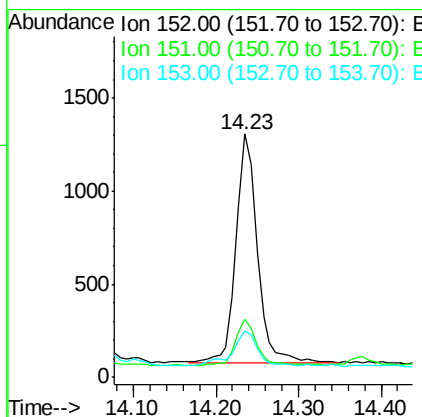
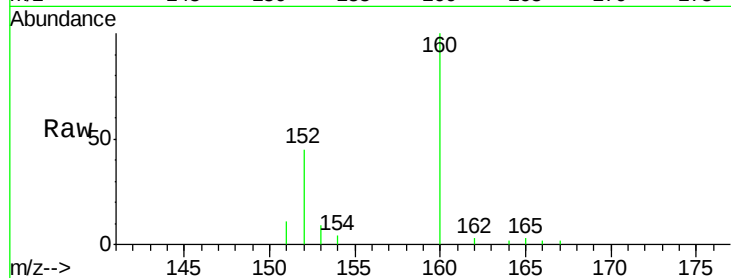
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Tgt Ion:	152	Resp:	2196
Ion Ratio	Lower	Upper	
152	100		
151	23.9	17.1	25.7
153	19.2	12.8	19.2#

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#8

Acenaphthene

Concen: 0.57 ng/ul

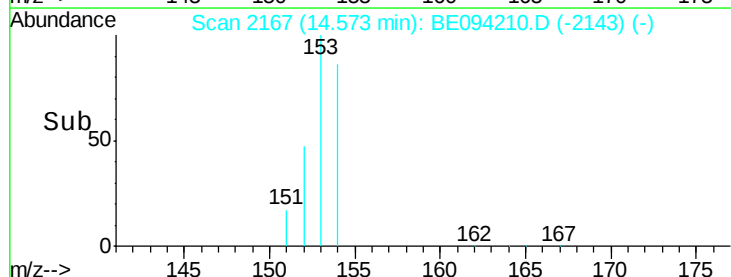
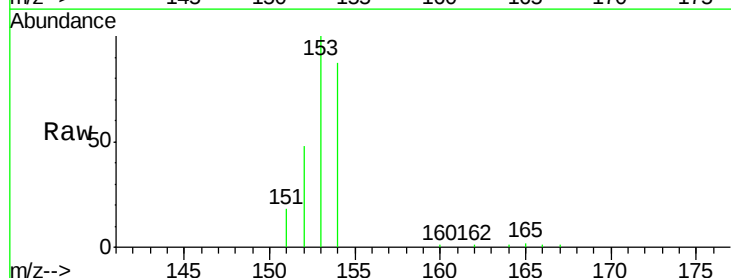
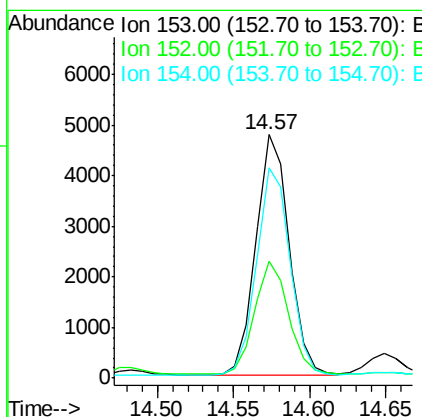
RT: 14.57 min Scan# 2167

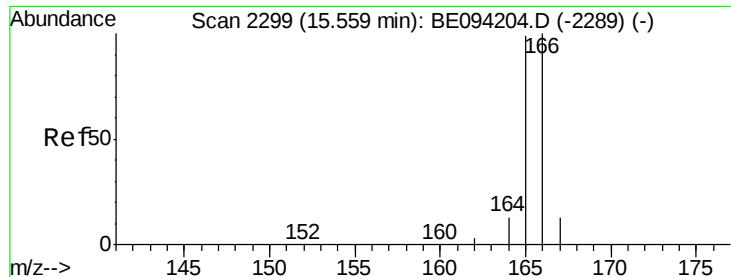
Delta R.T. -0.02 min

Lab File: BE094210.D

Acq: 7 Oct 2017 19:46

Tgt Ion:	153	Resp:	7152
Ion Ratio	Lower	Upper	
153	100		
152	47.8	40.3	60.5
154	86.6	71.4	107.2





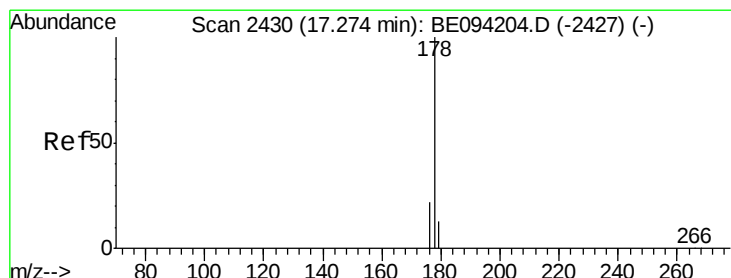
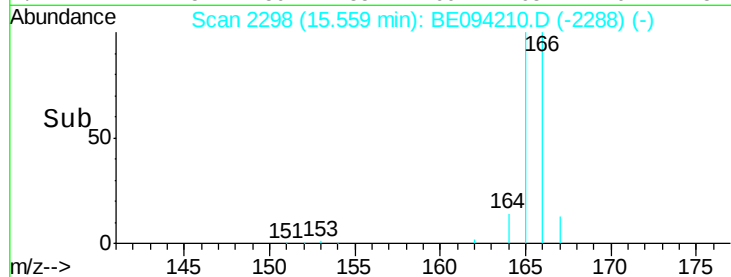
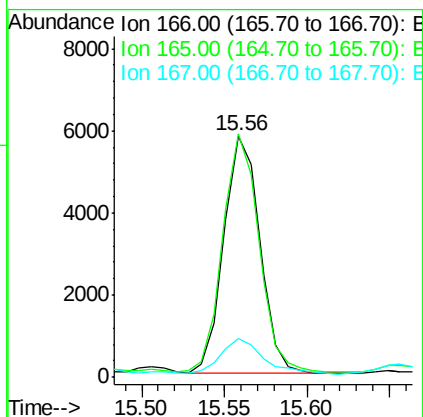
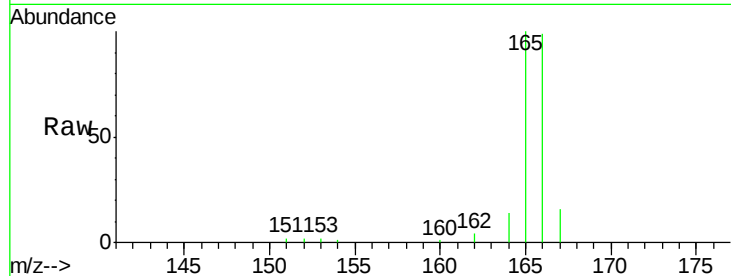
#9
Fluorene
 Concen: 0.59 ng/ul
 RT: 15.56 min Scan# 2298
 Delta R.T. -0.02 min
 Lab File: BE094210.D
 Acq: 7 Oct 2017 19:46

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Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.8	73.4	110.2
167	16.0	14.6	22.0

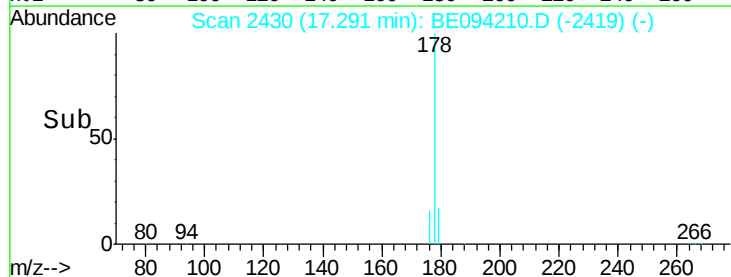
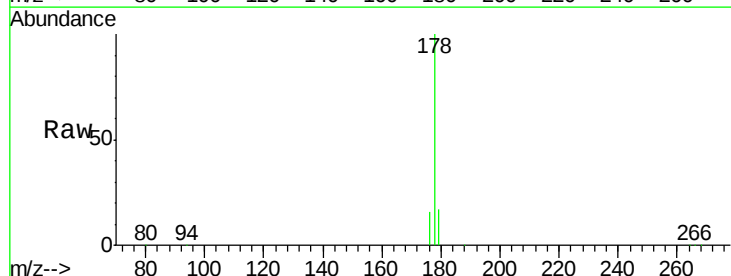
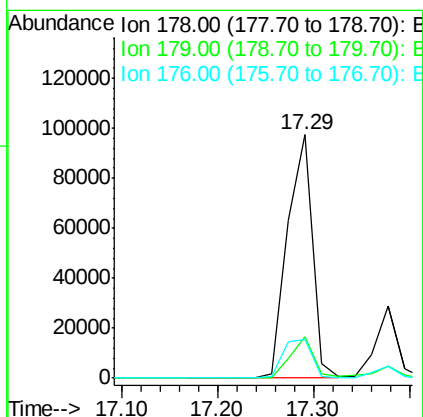
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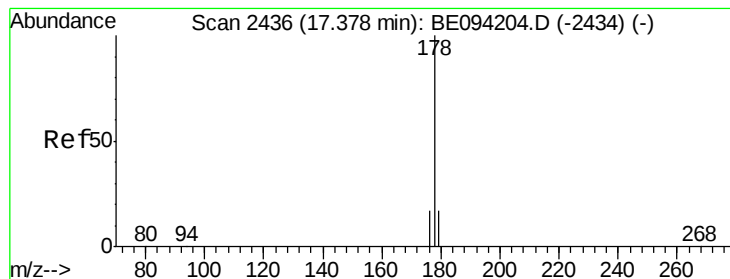
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#12
Phenanthrene
 Concen: 7.95 ng/ul
 RT: 17.29 min Scan# 2430
 Delta R.T. -0.02 min
 Lab File: BE094210.D
 Acq: 7 Oct 2017 19:46

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.2	18.4	27.6#
176	15.9	13.6	20.4





#13

Anthracene

Concen: 2.08 ng/ul

RT: 17.38 min Scan# 2435

Delta R.T. -0.02 min

Lab File: BE094210.D

Acq: 7 Oct 2017 19:46

Instrument :

BNA_E

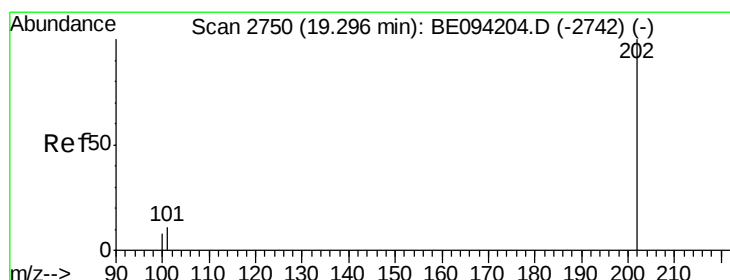
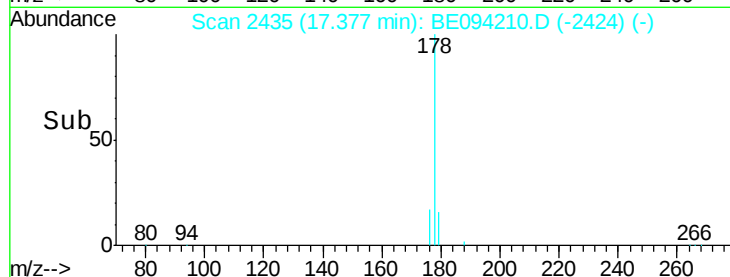
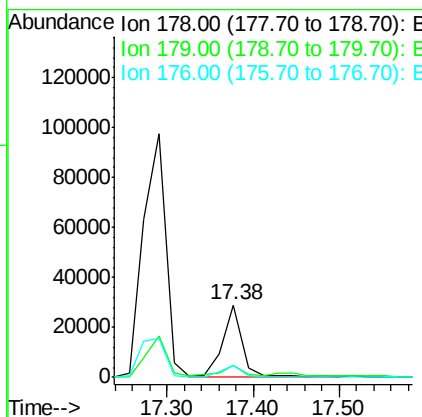
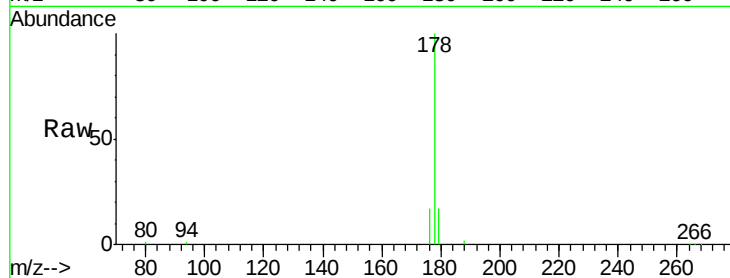
ClientSampleId :

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Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.7	18.1	27.1#
176	17.2	14.7	22.1

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#15

Fluoranthene

Concen: 8.04 ng/ul

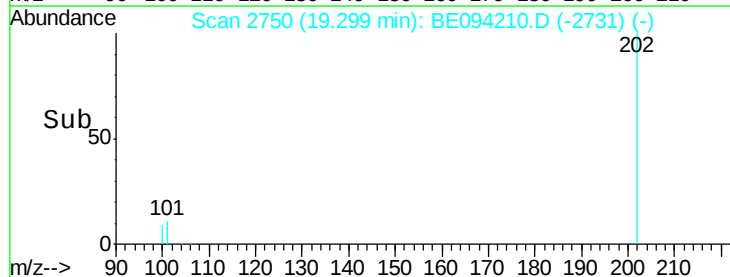
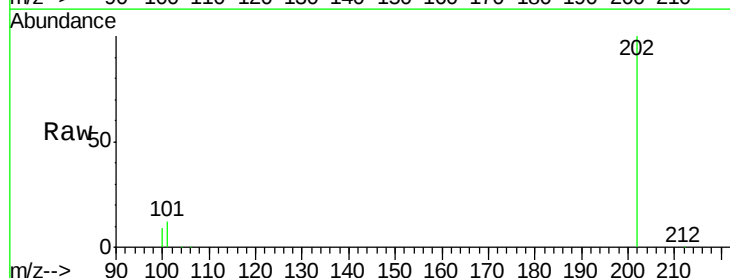
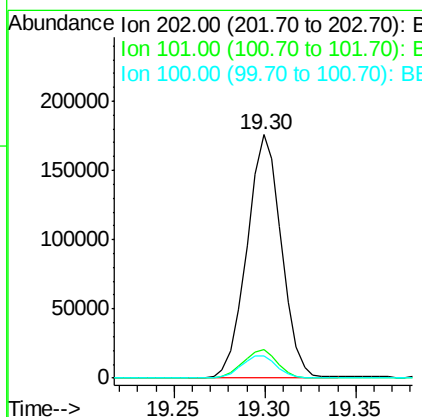
RT: 19.30 min Scan# 2750

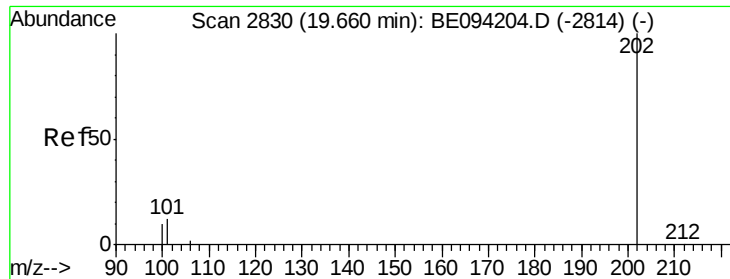
Delta R.T. -0.01 min

Lab File: BE094210.D

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Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	30.3
100	9.3	0.0	39.5





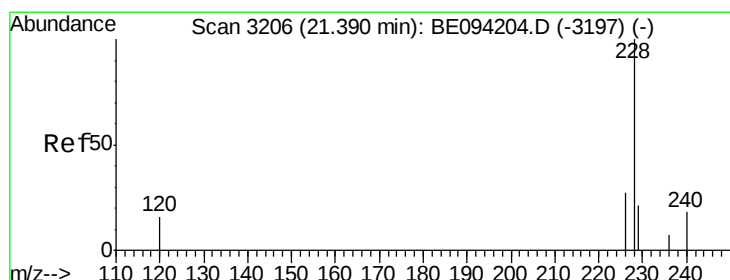
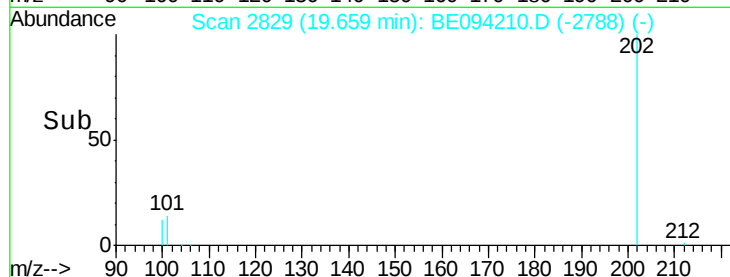
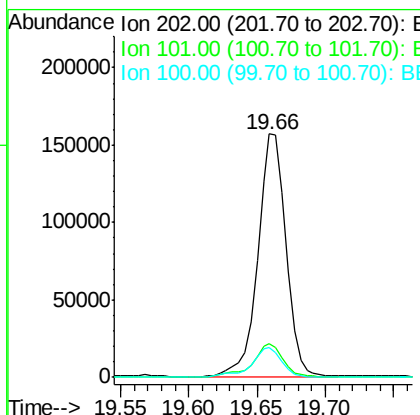
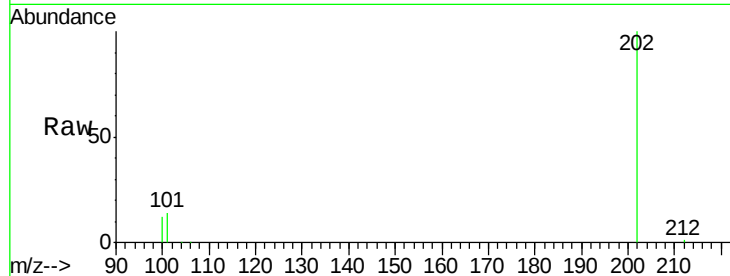
#17
Pyrene
 Concen: 9.73 ng/ul
 RT: 19.66 min Scan# 2829
 Delta R.T. -0.01 min
 Lab File: BE094210.D
 Acq: 7 Oct 2017 19:46

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Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	13.9	18.2	27.4#
100	12.3	15.6	23.4#

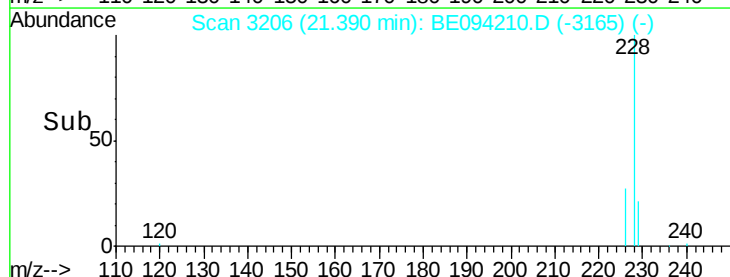
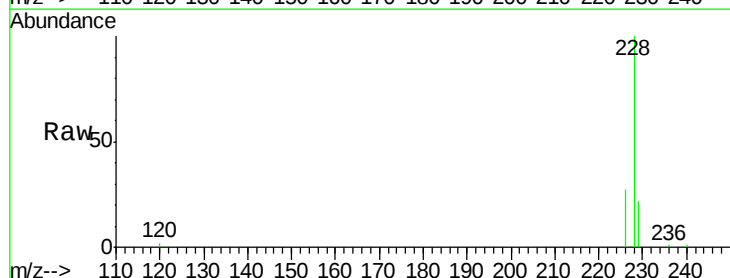
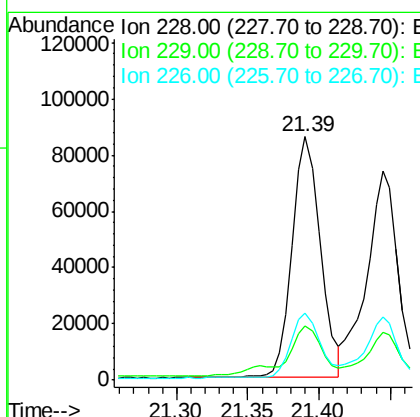
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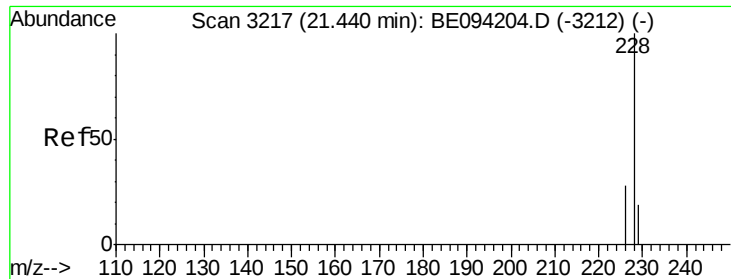
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#18
Benzo(a)anthracene
 Concen: 5.31 ng/ul
 RT: 21.39 min Scan# 3206
 Delta R.T. -0.01 min
 Lab File: BE094210.D
 Acq: 7 Oct 2017 19:46

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	22.2	22.8	34.2#
226	27.4	17.0	25.6#





#19

Chrysene

Concen: 4.44 ng/ul

RT: 21.45 min Scan# 3218

Delta R.T. -0.01 min

Lab File: BE094210.D

Acq: 7 Oct 2017 19:46

Instrument :

BNA_E

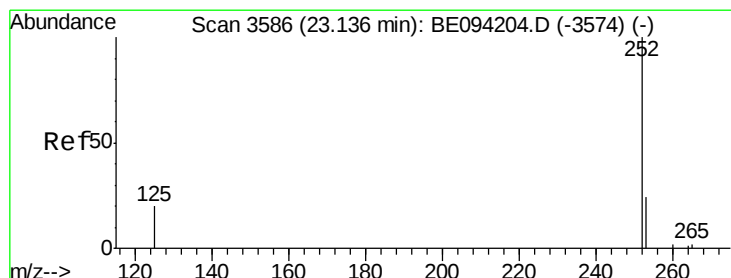
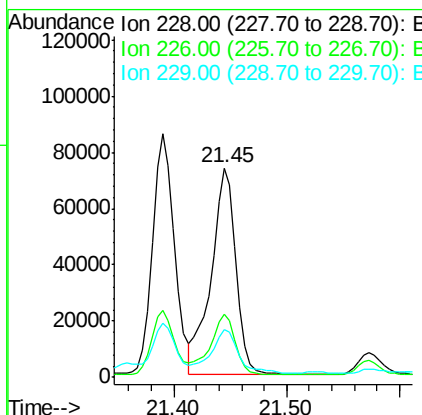
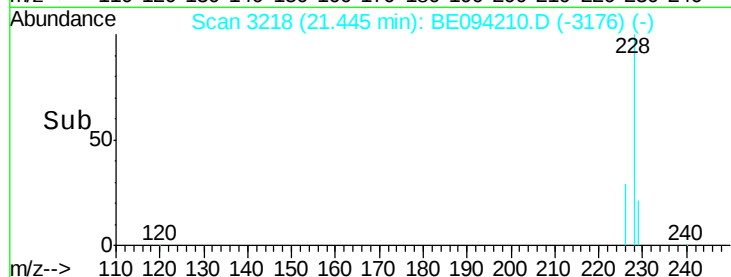
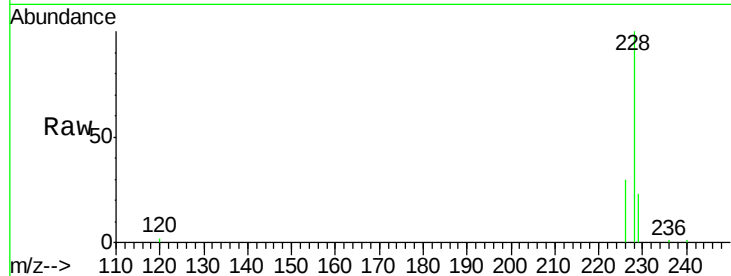
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Tgt Ion:	228	Resp:	113236
Ion Ratio	Lower	Upper	
228	100		
226	30.2	23.4	35.0
229	23.0	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 5.40 ng/ul m

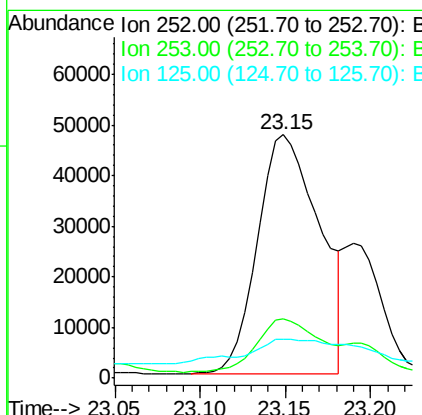
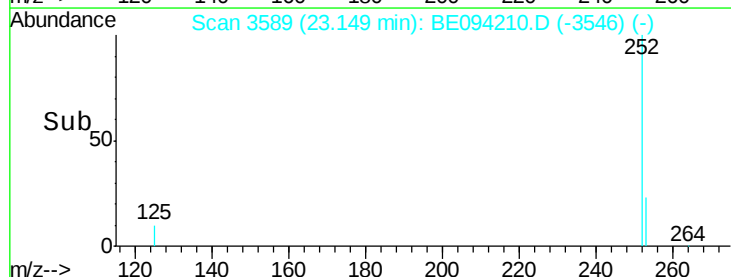
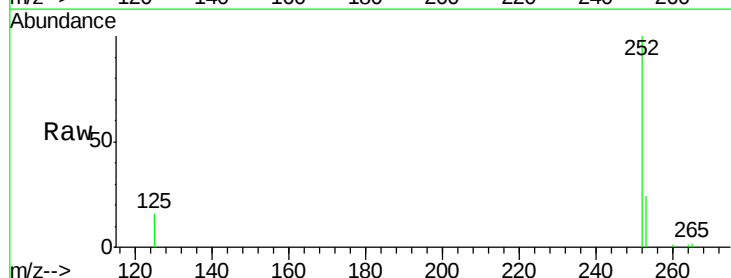
RT: 23.15 min Scan# 3589

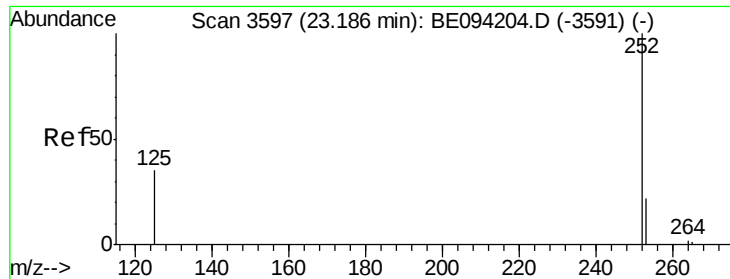
Delta R.T. -0.00 min

Lab File: BE094210.D

Acq: 7 Oct 2017 19:46

Tgt Ion:	252	Resp:	120057
Ion Ratio	Lower	Upper	
252	100		
253	24.3	0.0	64.2
125	15.8	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 1.55 ng/ul m

RT: 23.19 min Scan# 3598

Delta R.T. -0.01 min

Lab File: BE094210.D

Acq: 7 Oct 2017 19:46

Instrument :

BNA_E

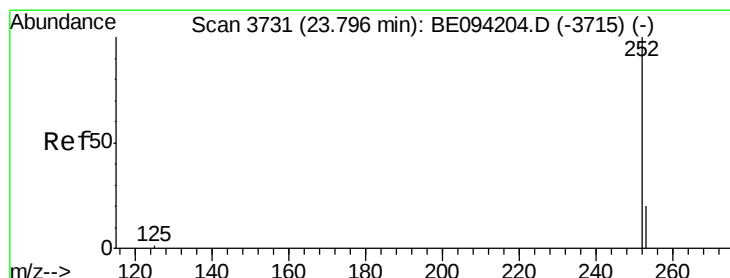
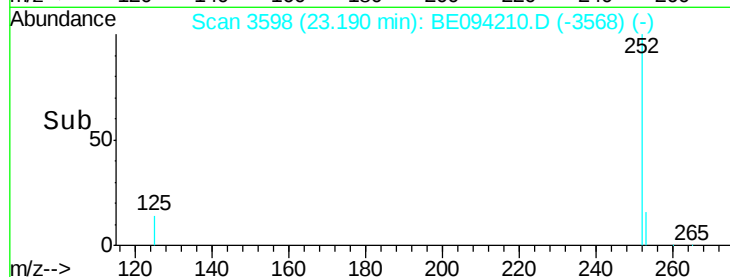
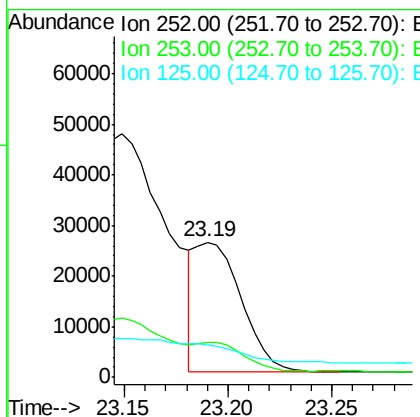
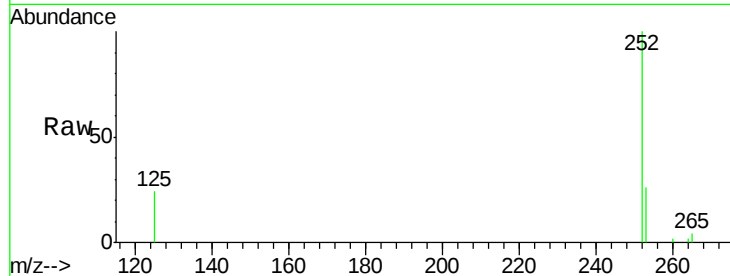
ClientSampleId :

B-60(0-1)-092617DL

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.0	24.5	36.7
125	24.2	13.7	20.5#

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#23

Benzo(a)pyrene

Concen: 4.12 ng/ul

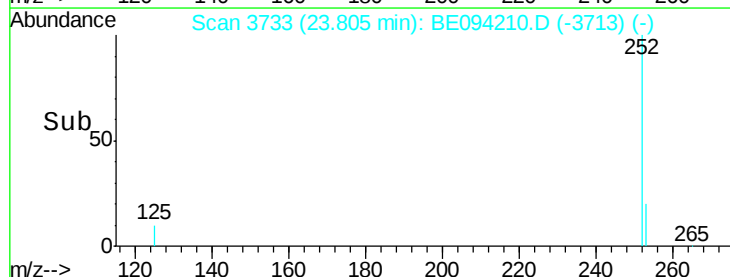
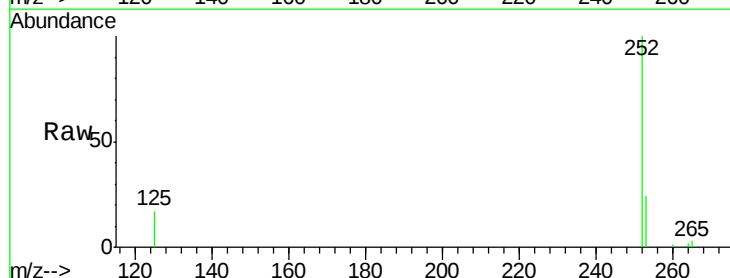
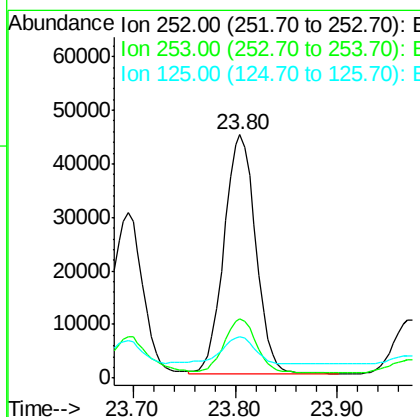
RT: 23.80 min Scan# 3733

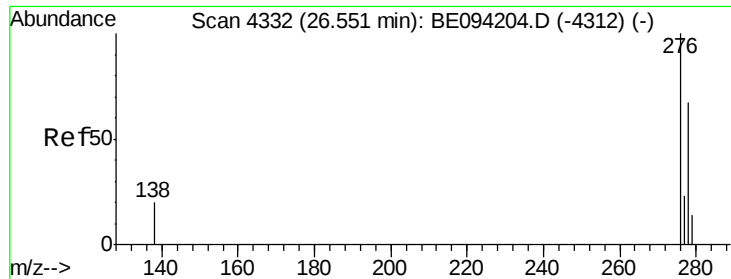
Delta R.T. -0.01 min

Lab File: BE094210.D

Acq: 7 Oct 2017 19:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	28.5	42.7#
125	16.9	18.1	27.1#





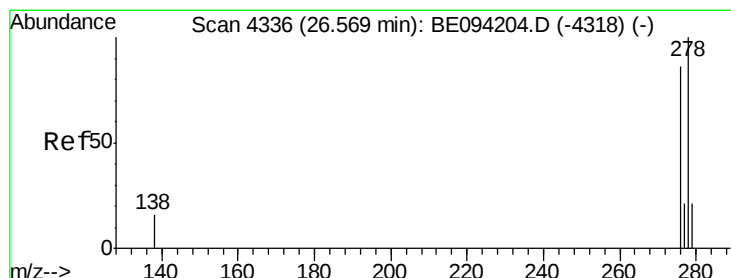
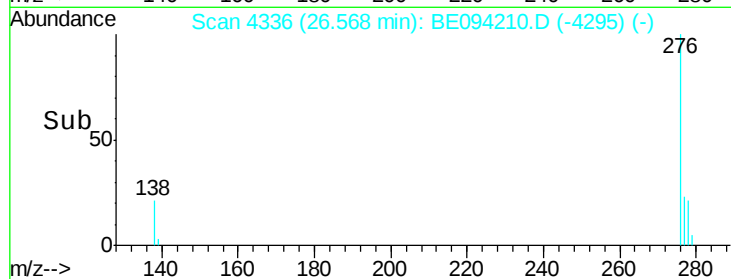
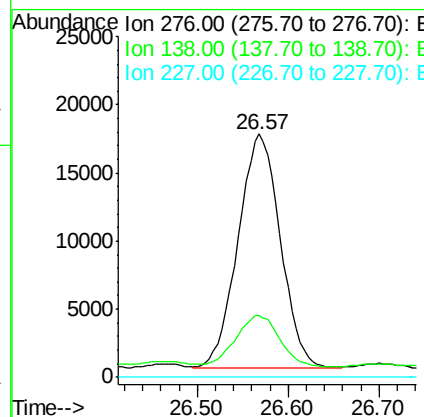
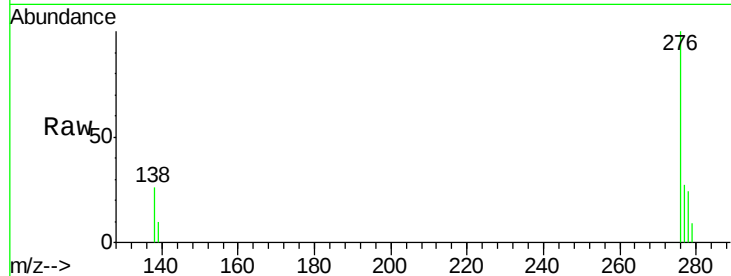
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 2.34 ng/ul
 RT: 26.57 min Scan# 4336
 Delta R.T. -0.01 min
 Lab File: BE094210.D
 Acq: 7 Oct 2017 19:46

Instrument :
 BNA_E
 ClientSampleId :
 B-60(0-1)-092617DL

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	55414		
138	22.9		28.0	42.0#
227	0.0		8.0	12.0#

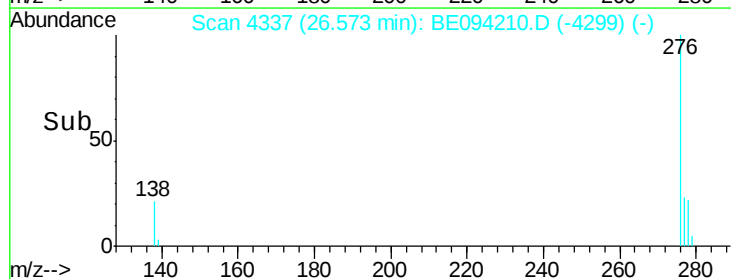
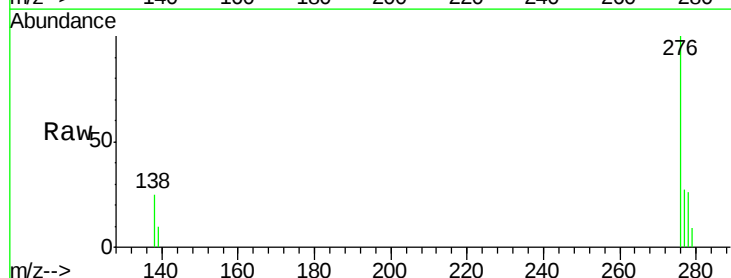
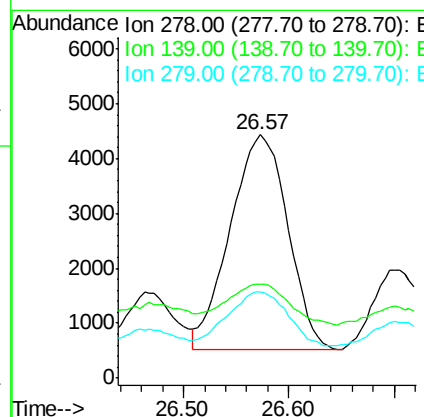
Manual Integrations
 APPROVED

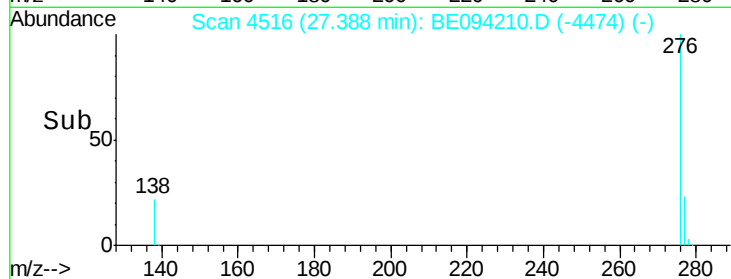
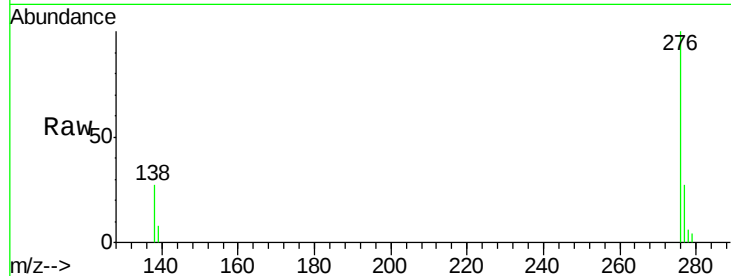
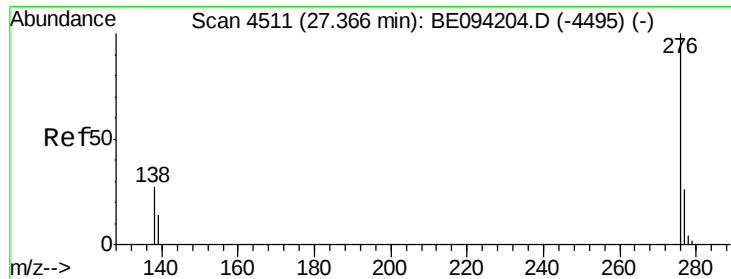
Sohil
 10/9/2017 6:53:07 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.75 ng/ul
 RT: 26.57 min Scan# 4337
 Delta R.T. -0.03 min
 Lab File: BE094210.D
 Acq: 7 Oct 2017 19:46

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	14783		
139	38.6		17.4	26.0#
279	35.5		25.9	38.9





#26
Benzo(g,h,i)perylene
Concen: 2.42 ng/ul
RT: 27.39 min Scan# 4516
Delta R.T. -0.01 min
Lab File: BE094210.D
Acq: 7 Oct 2017 19:46

Instrument :
BNA_E
ClientSampleId :
B-60(0-1)-092617DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	26.6	21.8	32.8
277	26.8	20.5	30.7

Manual Integrations
APPROVED

Sohil
10/9/2017 6:53:07 PM

