

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102517\
 Data File : BE094549.D
 Acq On : 26 Oct 2017 1:00
 Operator : SJ/JU
 Sample : I5747-02 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-23(1-3)-100517

Manual Integrations
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Quant Time: Oct 26 13:22:01 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 25 18:44:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1426	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	8270	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	4716	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	10620	0.40	ng/ul	0.00
16) Chrysene-d12	21.42	240	10388	0.40	ng/ul	0.00
20) Perylene-d12	23.95	264	10562	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	874	0.07	ng/ul	-0.02
14) Fluoranthene-d10	19.28	212	2184	0.07	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.74	128	1154	0.057	ng/ul#	86
5) 2-Methylnaphthalene	12.35	142	456	0.032	ng/ul	99
7) Acenaphthylene	14.24	152	2055	0.096	ng/ul	96
8) Acenaphthene	14.57	153	396	0.026	ng/ul#	90
12) Phenanthrene	17.29	178	19846	0.708	ng/ul#	91
13) Anthracene	17.38	178	3542	0.128	ng/ul#	93
15) Fluoranthene	19.31	202	43212	1.332	ng/ul	84
17) Pyrene	19.67	202	49348	1.537	ng/ul#	82
18) Benzo(a)anthracene	21.40	228	29158	0.982	ng/ul#	87
19) Chrysene	21.46	228	29751	0.969	ng/ul	97
21) Benzo(b)fluoranthene	23.18	252	43387m	1.460	ng/ul	
22) Benzo(k)fluoranthene	23.22	252	15118m	0.475	ng/ul	
23) Benzo(a)pyrene	23.84	252	32376	1.090	ng/ul#	87
24) Indeno(1,2,3-cd)pyrene	26.65	276	22870	0.744	ng/ul#	75
25) Dibenzo(a,h)anthracene	26.64	278	5641	0.218	ng/ul#	69
26) Benzo(g,h,i)perylene	27.48	276	19285	0.782	ng/ul	93

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

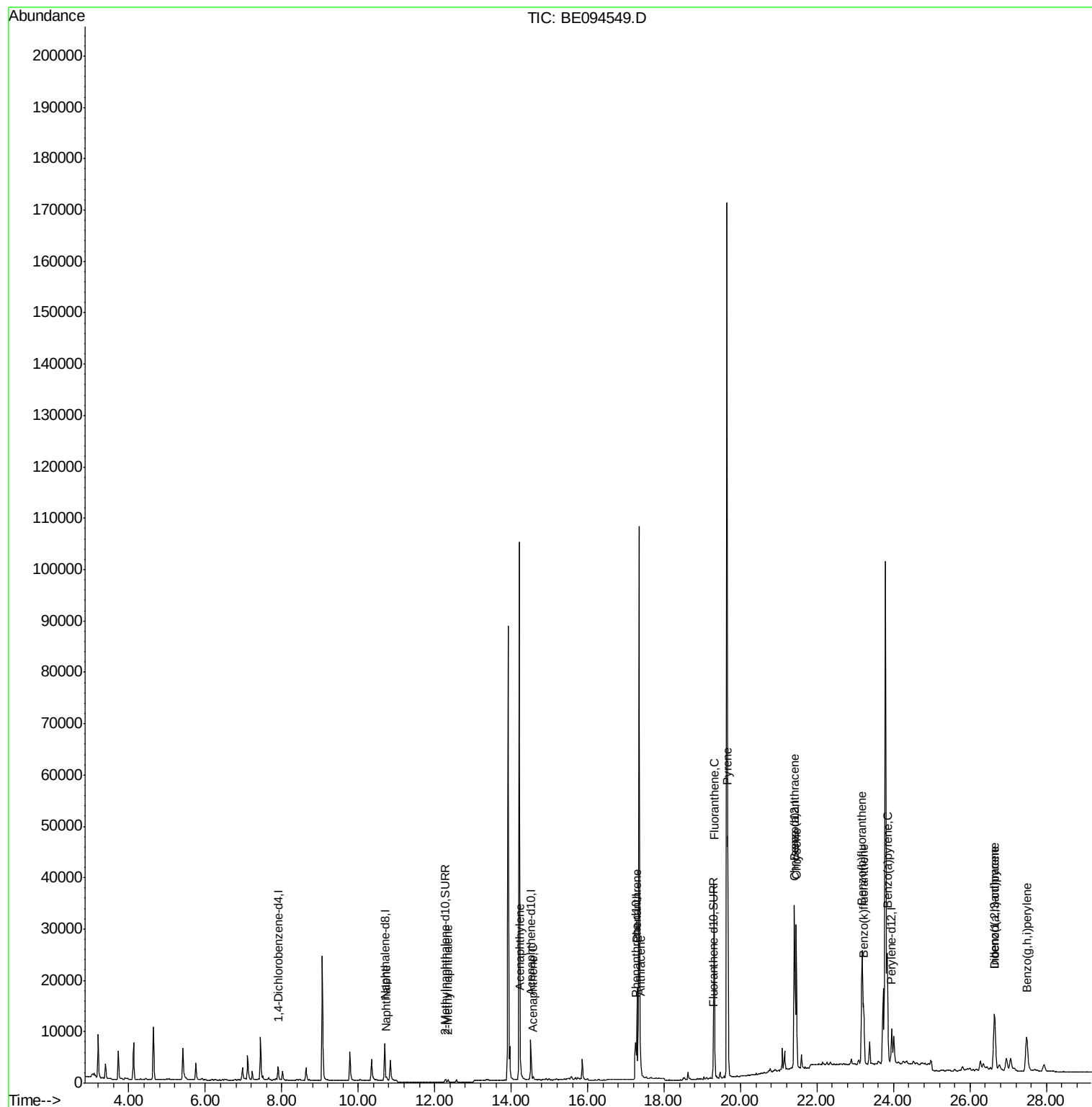
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102517\
Data File : BE094549.D
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Sample : I5747-02 5X
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ALS Vial : 25 Sample Multiplier: 1

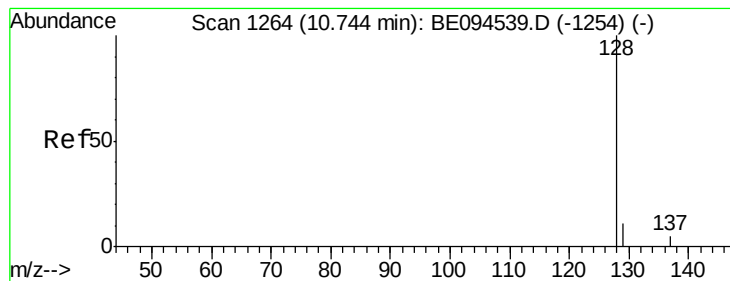
Instrument :
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B-23(1-3)-100517

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QLast Update : Wed Oct 25 18:44:03 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.057 ng/ul

RT: 10.74 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BE094549.D

Acq: 26 Oct 2017 1:00

Instrument :

BNA_E

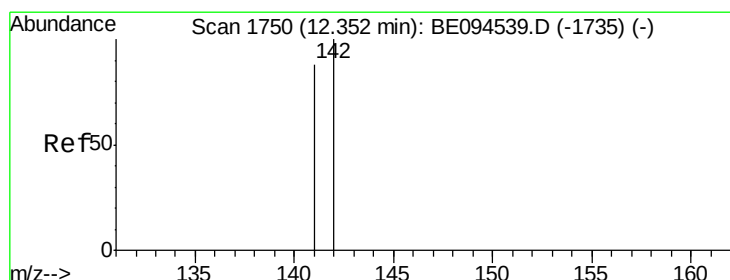
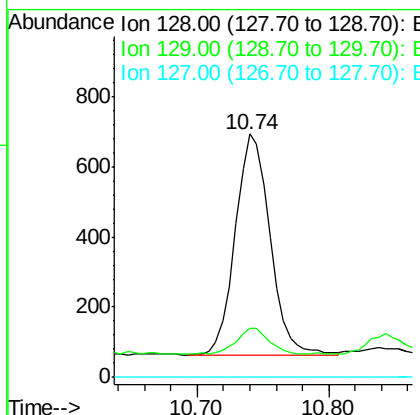
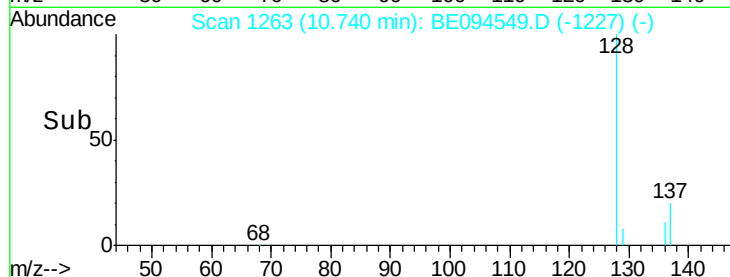
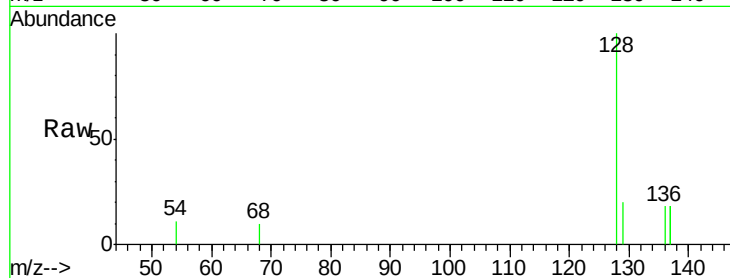
ClientSampleId :

B-23(1-3)-100517

Tgt Ion:	128	Resp:	1154
Ion Ratio	Lower	Upper	
128	100		
129	19.9	11.3	16.9#
127	0.0	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 0.032 ng/ul

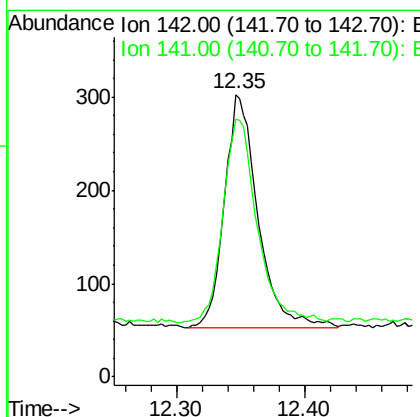
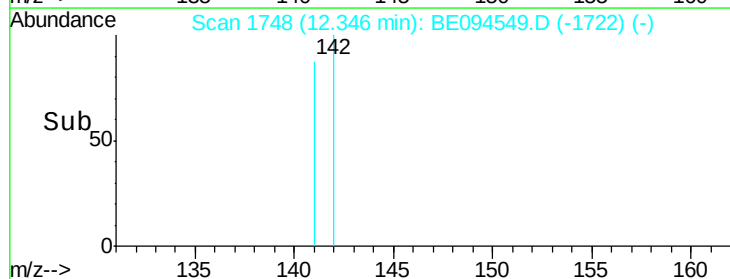
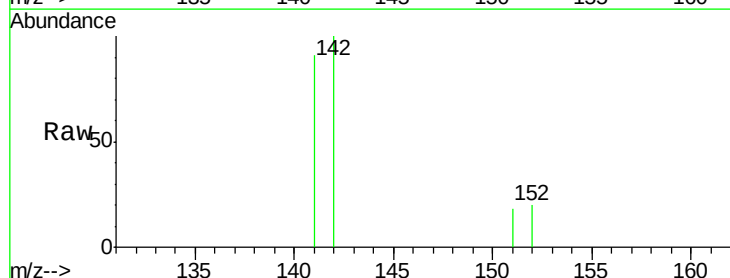
RT: 12.35 min Scan# 1748

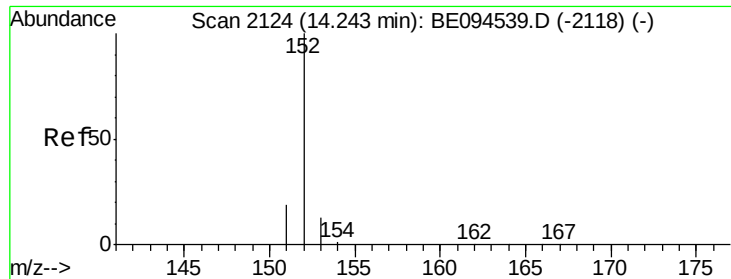
Delta R.T. -0.02 min

Lab File: BE094549.D

Acq: 26 Oct 2017 1:00

Tgt Ion:	142	Resp:	456
Ion Ratio	Lower	Upper	
142	100		
141	90.1	72.6	108.8





#7

Acenaphthylene

Concen: 0.096 ng/ul

RT: 14.24 min Scan# 2124

Delta R.T. -0.00 min

Lab File: BE094549.D

Acq: 26 Oct 2017 1:00

Instrument :

BNA_E

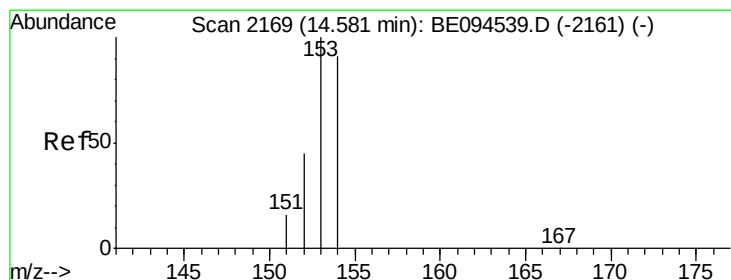
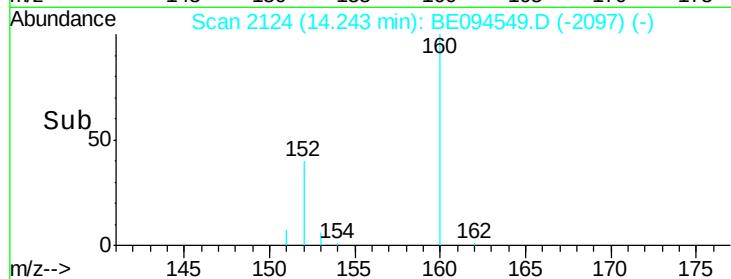
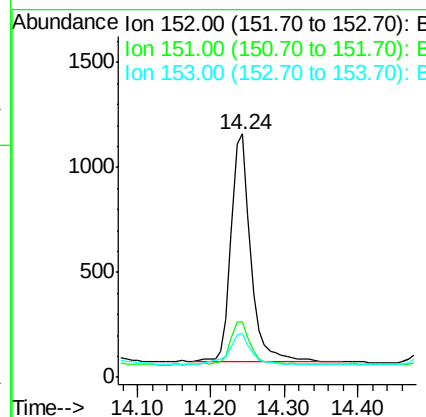
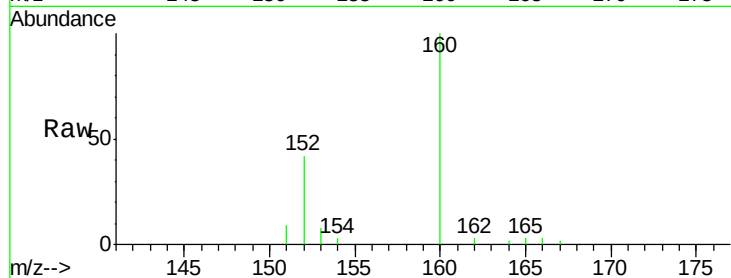
ClientSampleId :

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Tgt Ion:	152	Resp:	2055
Ion Ratio	Lower	Upper	
152	100		
151	22.7	17.1	25.7
153	18.1	12.8	19.2

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#8

Acenaphthene

Concen: 0.026 ng/ul

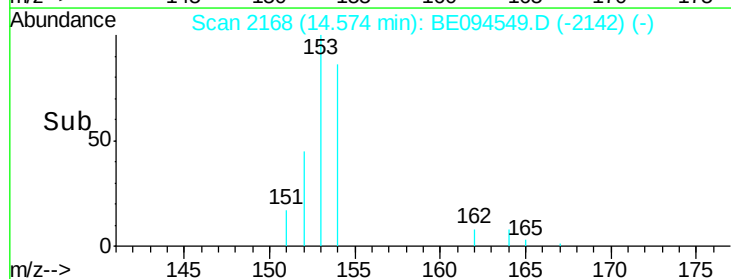
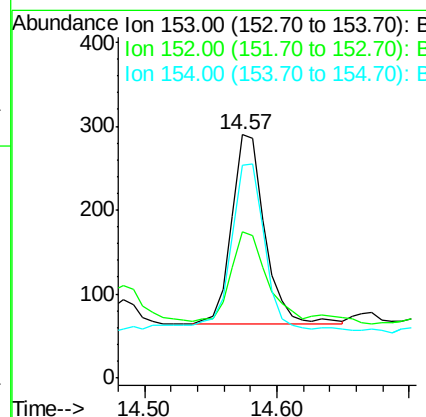
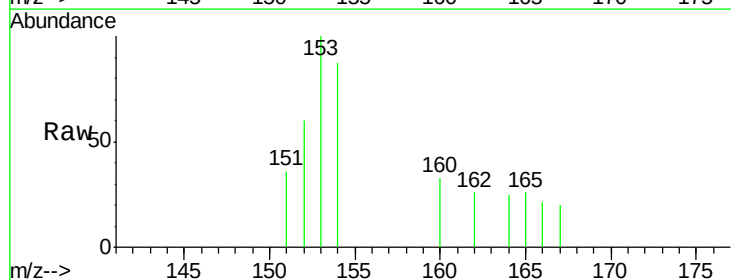
RT: 14.57 min Scan# 2168

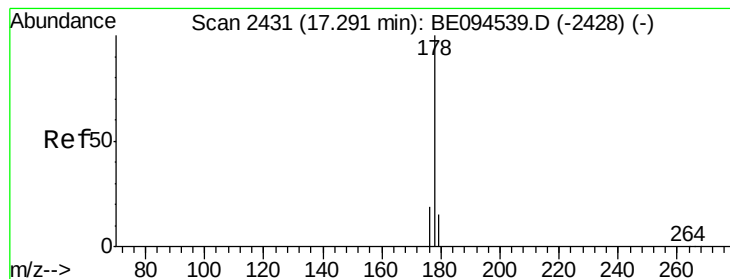
Delta R.T. -0.01 min

Lab File: BE094549.D

Acq: 26 Oct 2017 1:00

Tgt Ion:	153	Resp:	396
Ion Ratio	Lower	Upper	
153	100		
152	60.0	36.0	54.0#
154	87.2	72.0	108.0





#12

Phenanthrene

Concen: 0.708 ng/ul

RT: 17.29 min Scan# 2431

Delta R.T. -0.02 min

Lab File: BE094549.D

Acq: 26 Oct 2017 1:00

Instrument :

BNA_E

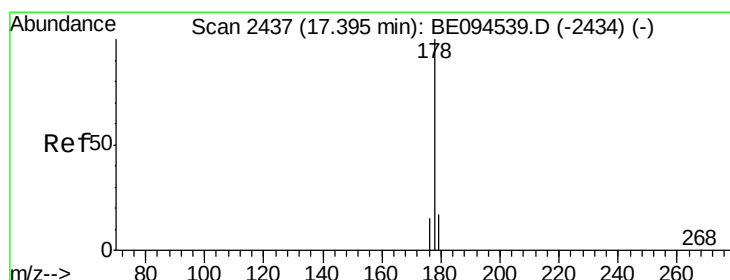
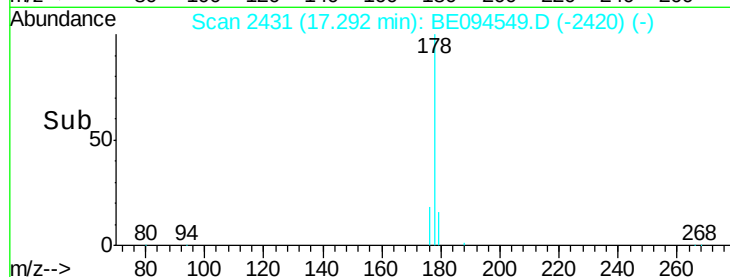
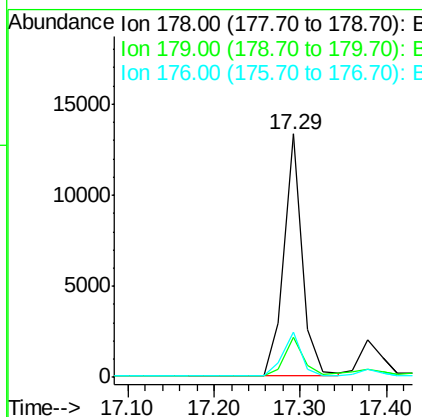
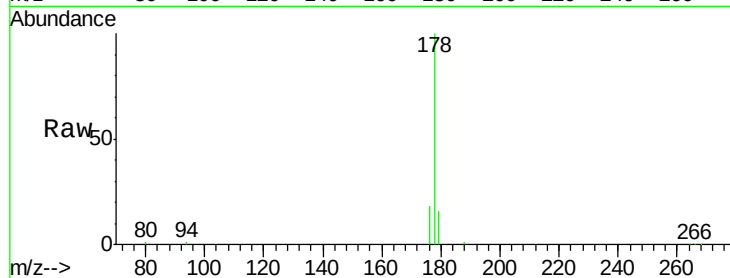
ClientSampleId :

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Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.4	18.4	27.6#
176	18.3	13.6	20.4

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#13

Anthracene

Concen: 0.128 ng/ul

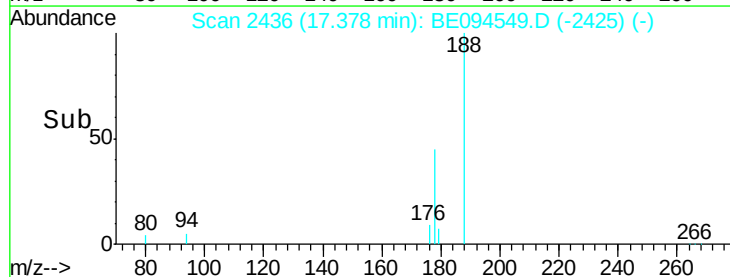
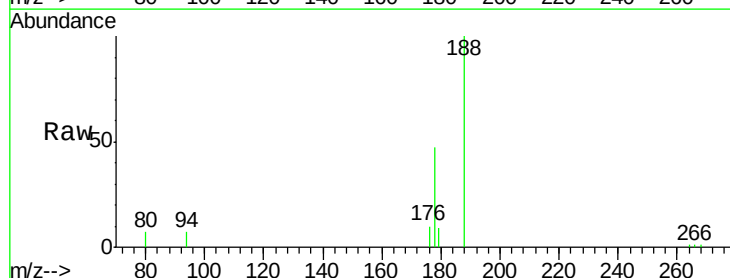
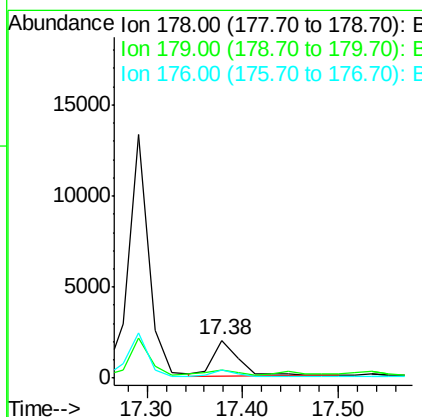
RT: 17.38 min Scan# 2436

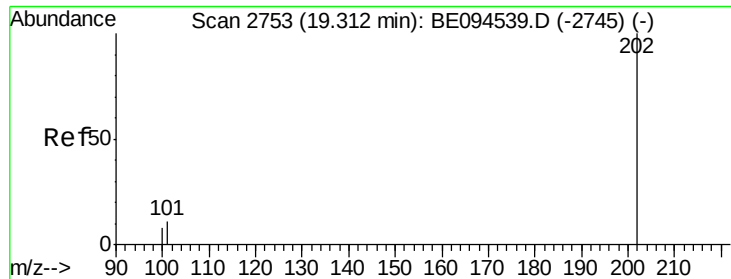
Delta R.T. -0.02 min

Lab File: BE094549.D

Acq: 26 Oct 2017 1:00

Tgt Ion	Ratio	Lower	Upper
178	100		
179	20.0	18.1	27.1
176	22.3	14.7	22.1#





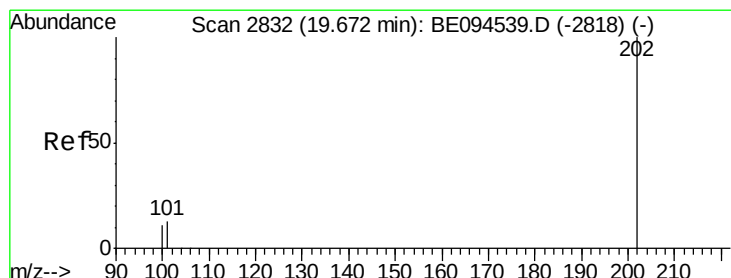
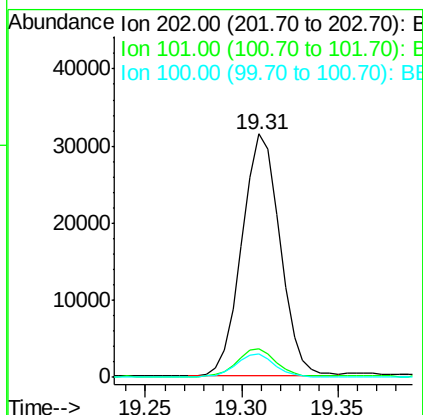
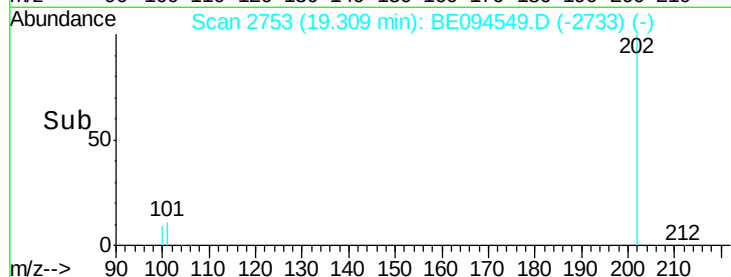
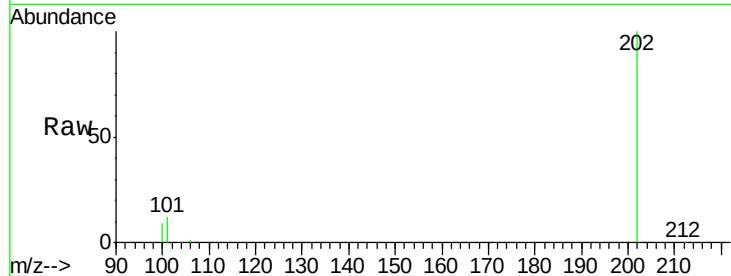
#15
Fluoranthene
 Concen: 1.332 ng/ul
 RT: 19.31 min Scan# 2753
 Delta R.T. -0.01 min
 Lab File: BE094549.D
 Acq: 26 Oct 2017 1:00

Instrument :
 BNA_E
 ClientSampleId :
 B-23(1-3)-100517

Tgt Ion:	202	Resp:	43212
Ion Ratio	Lower	Upper	
202	100		
101	11.9	0.0	30.3
100	9.4	0.0	39.5

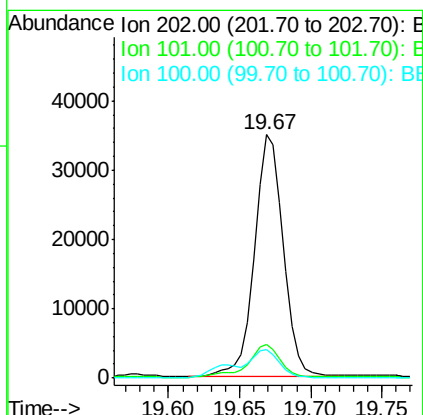
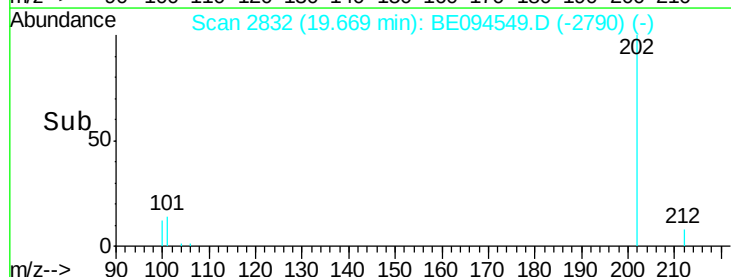
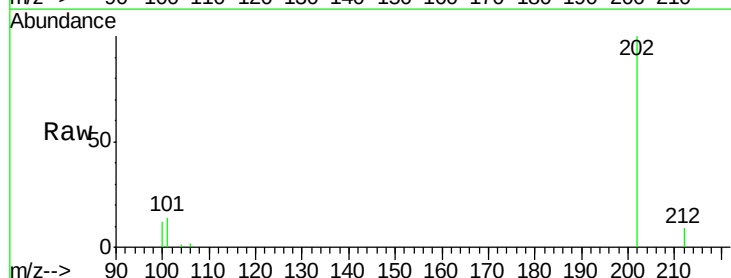
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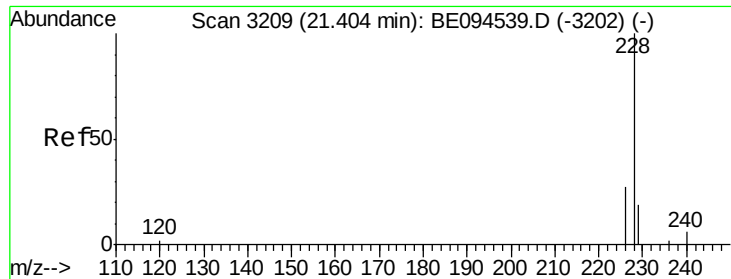
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#17
Pyrene
 Concen: 1.537 ng/ul
 RT: 19.67 min Scan# 2832
 Delta R.T. -0.01 min
 Lab File: BE094549.D
 Acq: 26 Oct 2017 1:00

Tgt Ion:	202	Resp:	49348
Ion Ratio	Lower	Upper	
202	100		
101	13.8	18.2	27.4#
100	11.9	15.6	23.4#





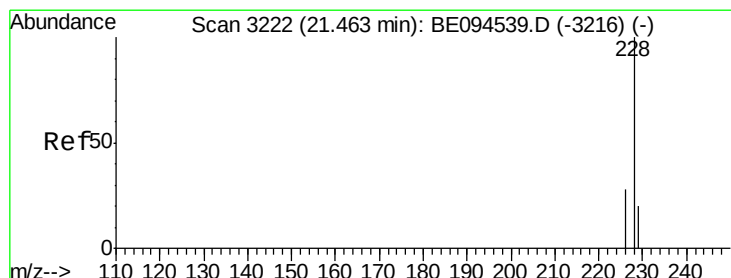
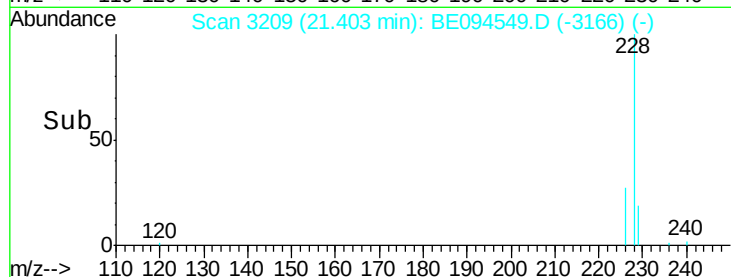
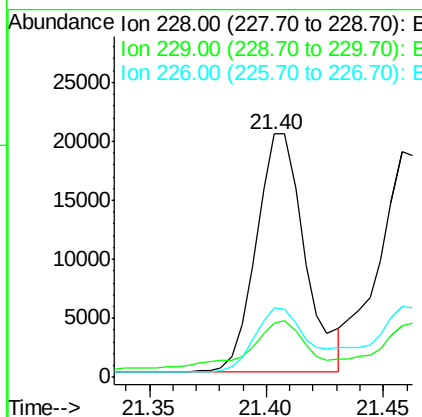
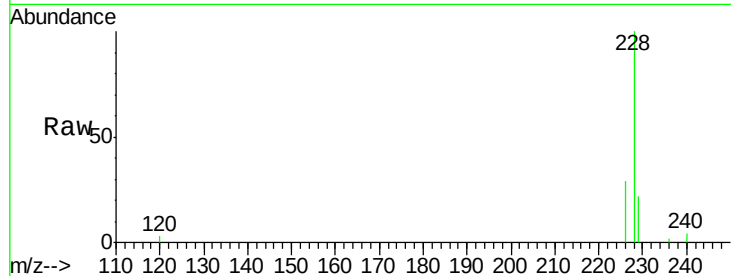
#18
Benzo(a)anthracene
Concen: 0.982 ng/ul
RT: 21.40 min Scan# 3209
Delta R.T. -0.01 min
Lab File: BE094549.D
Acq: 26 Oct 2017 1:00

Instrument :
BNA_E
ClientSampleId :
B-23(1-3)-100517

Tgt Ion	Ratio	Lower	Upper
228	100		
229	22.4	22.8	34.2#
226	28.5	17.0	25.6#

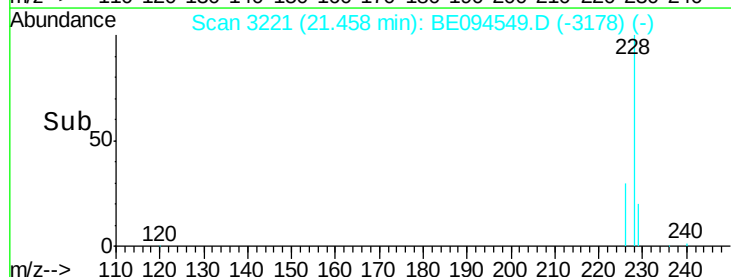
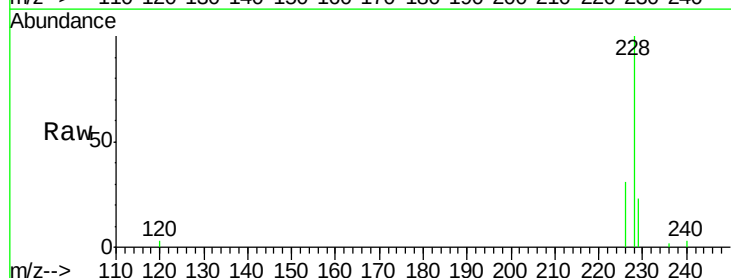
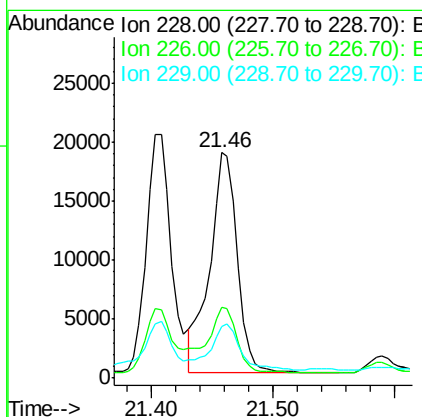
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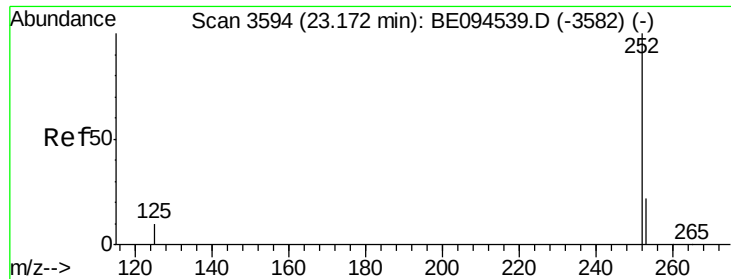
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#19
Chrysene
Concen: 0.969 ng/ul
RT: 21.46 min Scan# 3221
Delta R.T. -0.01 min
Lab File: BE094549.D
Acq: 26 Oct 2017 1:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.5	23.4	35.0
229	23.2	17.7	26.5





#21

Benzo(b)fluoranthene

Concen: 1.460 ng/ul m

RT: 23.18 min Scan# 3595

Delta R.T. 0.01 min

Lab File: BE094549.D

Acq: 26 Oct 2017 1:00

Instrument :

BNA_E

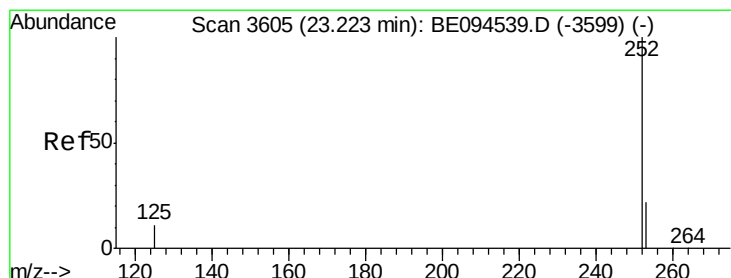
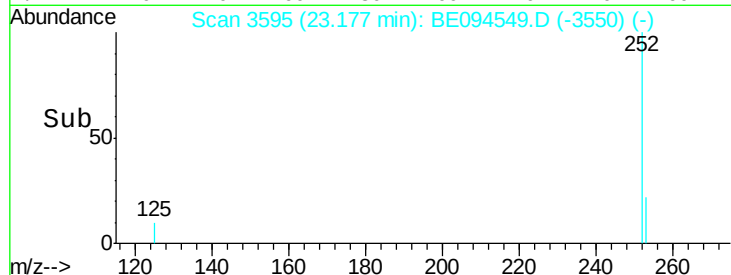
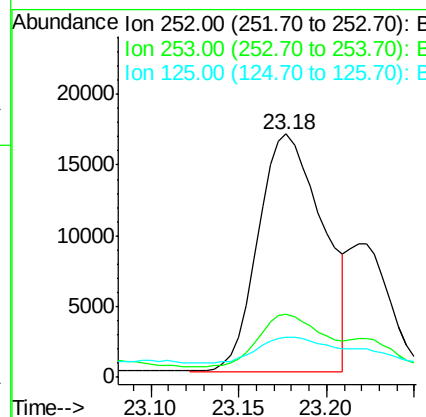
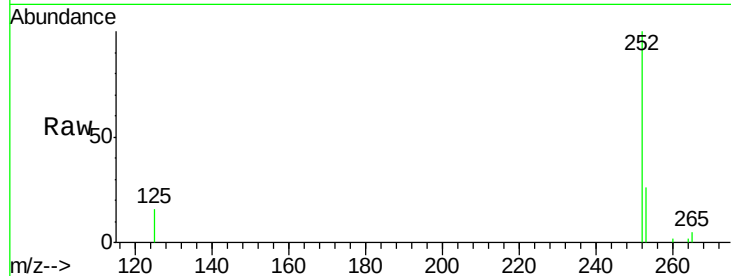
ClientSampleId :

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Tgt Ion:	252	Resp:	43387
Ion Ratio	Lower	Upper	
252	100		
253	25.9	0.0	64.2
125	16.3	0.0	35.0

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#22

Benzo(k)fluoranthene

Concen: 0.475 ng/ul m

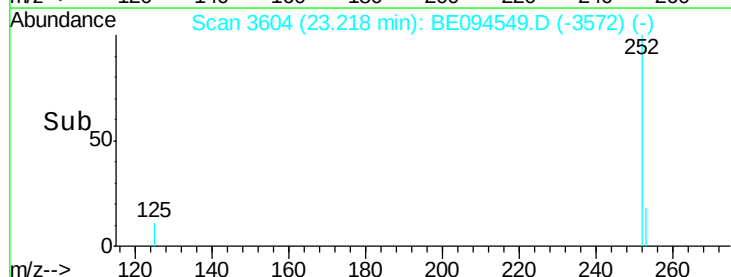
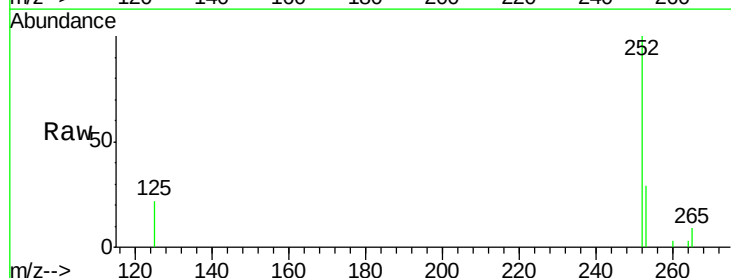
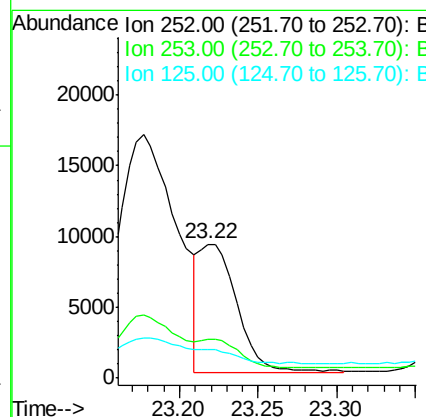
RT: 23.22 min Scan# 3604

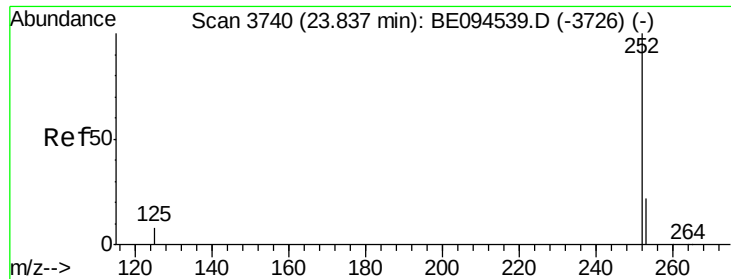
Delta R.T. -0.00 min

Lab File: BE094549.D

Acq: 26 Oct 2017 1:00

Tgt Ion:	252	Resp:	15118
Ion Ratio	Lower	Upper	
252	100		
253	29.0	24.5	36.7
125	21.6	13.7	20.5#





#23

Benzo(a)pyrene

Concen: 1.090 ng/ul

RT: 23.84 min Scan# 3740

Delta R.T. -0.00 min

Lab File: BE094549.D

Acq: 26 Oct 2017 1:00

Instrument :

BNA_E

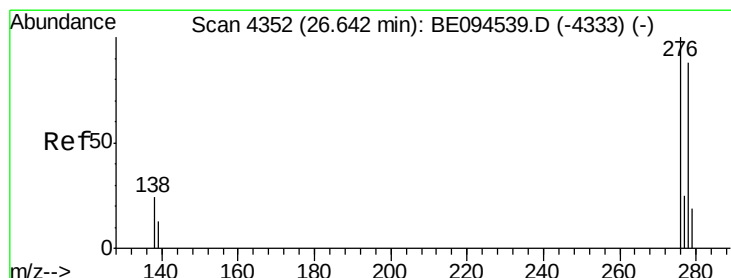
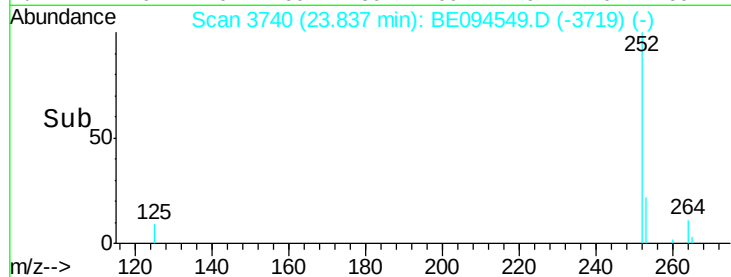
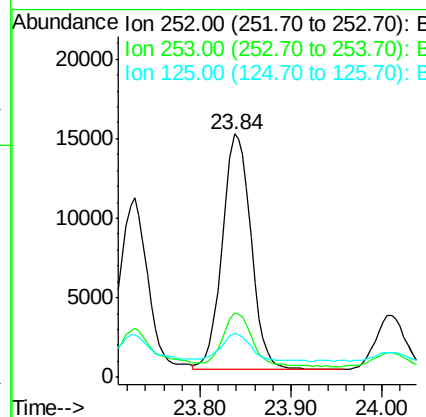
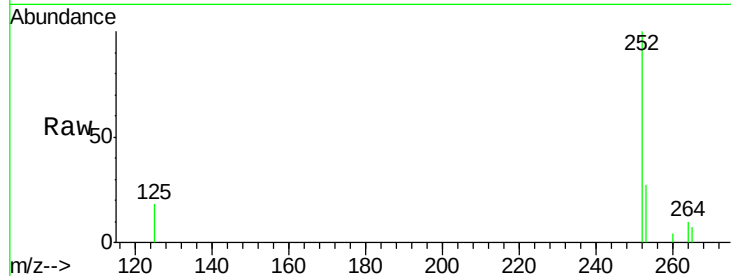
ClientSampleId :

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Tgt Ion:	252	Resp:	32376
Ion Ratio	Lower	Upper	
252	100		
253	26.6	28.5	42.7#
125	17.9	18.1	27.1#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.744 ng/ul

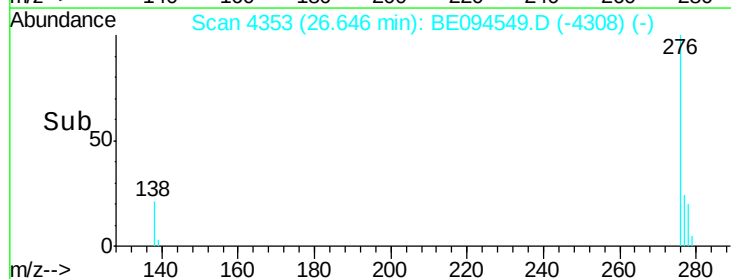
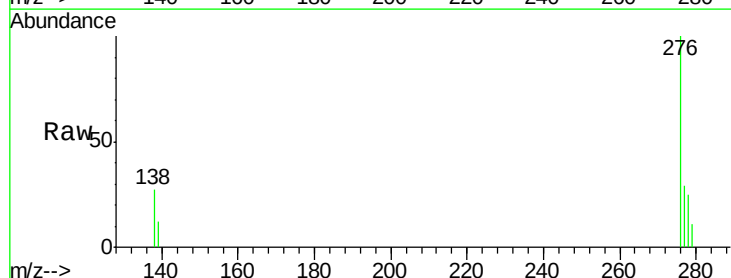
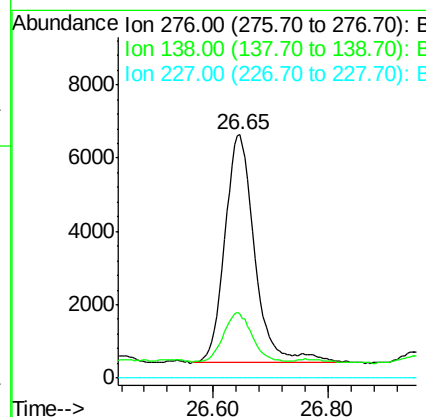
RT: 26.65 min Scan# 4353

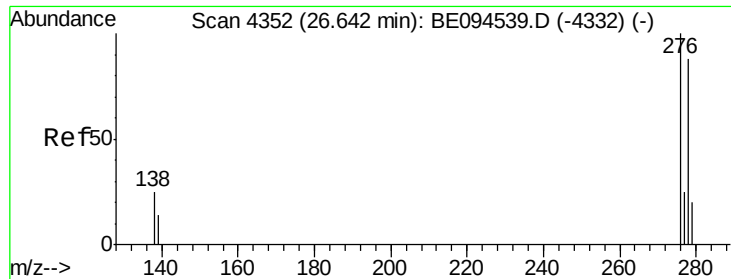
Delta R.T. 0.00 min

Lab File: BE094549.D

Acq: 26 Oct 2017 1:00

Tgt Ion:	276	Resp:	22870
Ion Ratio	Lower	Upper	
276	100		
138	20.7	28.0	42.0#
227	0.0	8.0	12.0#





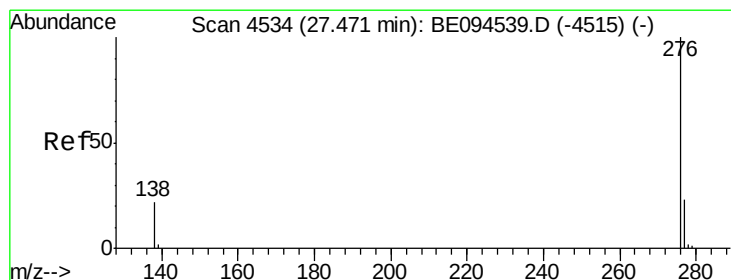
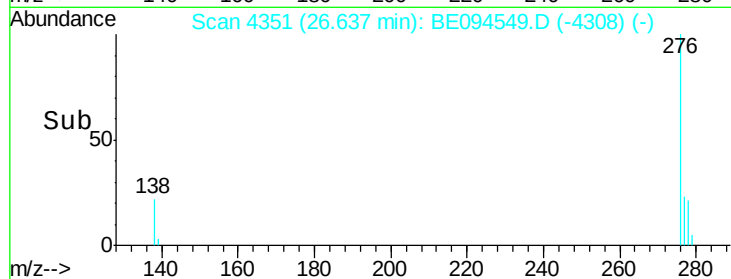
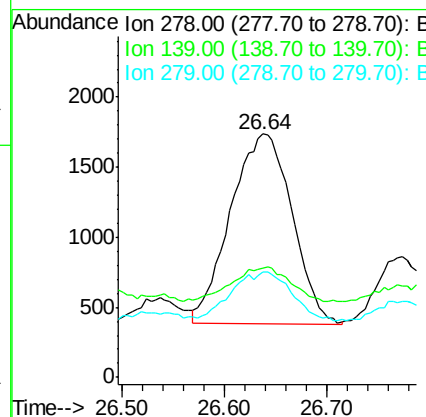
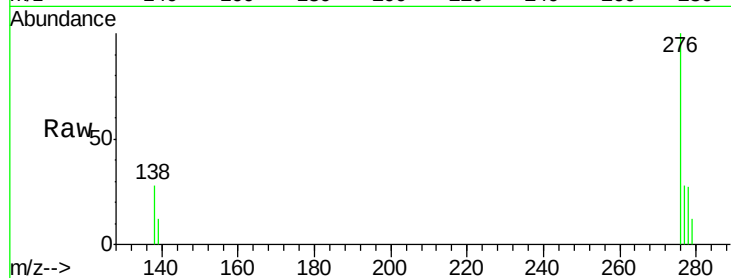
#25
Dibenzo(a,h)anthracene
Concen: 0.218 ng/ul
RT: 26.64 min Scan# 4351
Delta R.T. -0.00 min
Lab File: BE094549.D
Acq: 26 Oct 2017 1:00

Instrument :
BNA_E
ClientSampleId :
B-23(1-3)-100517

Tgt Ion	Ratio	Lower	Upper
278	100		
139	45.0	17.4	26.0#
279	43.1	25.9	38.9#

Manual Integrations
APPROVED

Sohil
10/27/2017 8:56:36 AM



#26
Benzo(g,h,i)perylene
Concen: 0.782 ng/ul
RT: 27.48 min Scan# 4536
Delta R.T. -0.00 min
Lab File: BE094549.D
Acq: 26 Oct 2017 1:00

Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.0	21.8	32.8
277	30.1	20.5	30.7

