

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102517\
 Data File : BE094540.D
 Acq On : 25 Oct 2017 19:29
 Operator : SJ/JU
 Sample : I5693-01 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-55(0.5-1.5)-100317

Manual Integrations
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 10/27/2017 8:29:03 AM

Quant Time: Oct 26 12:06:11 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	7.90	152	1385	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	7641	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.51	164	4376	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.24	188	9197	0.40	ng/ul	-0.02
16) Chrysene-d12	21.42	240	8898	0.40	ng/ul	0.00
20) Perylene-d12	23.95	264	9338	0.40	ng/ul	0.00

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	12.27	152	716	0.06	ng/ul	-0.02
14) Fluoranthene-d10	19.28	212	1825	0.07	ng/ul	-0.01

Target Compounds

						Qvalue
3) Naphthalene	10.74	128	17481	0.936	ng/ul#	92
5) 2-Methylnaphthalene	12.34	142	5904	0.452	ng/ul	98
7) Acenaphthylene	14.24	152	3066	0.155	ng/ul#	88
8) Acenaphthene	14.57	153	24190	1.701	ng/ul	98
9) Fluorene	15.56	166	16930	1.060	ng/ul	92
12) Phenanthrene	17.29	178	274594	11.304	ng/ul#	93
13) Anthracene	17.38	178	88732	3.701	ng/ul#	92
15) Fluoranthene	19.31	202	630605	22.454	ng/ul	84
17) Pyrene	19.67	202	589017	21.413	ng/ul#	82
18) Benzo(a)anthracene	21.40	228	373608	14.688	ng/ul#	88
19) Chrysene	21.46	228	346694	13.186	ng/ul	97
21) Benzo(b)fluoranthene	23.19	252	422476m	16.084	ng/ul	
22) Benzo(k)fluoranthene	23.22	252	147386m	5.236	ng/ul	
23) Benzo(a)pyrene	23.85	252	318101	12.115	ng/ul#	82
24) Indeno(1,2,3-cd)pyrene	26.66	276	188908	6.953	ng/ul#	75
25) Dibenzo(a,h)anthracene	26.66	278	49307	2.154	ng/ul#	86
26) Benzo(g,h,i)perylene	27.49	276	148348	6.800	ng/ul	97

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

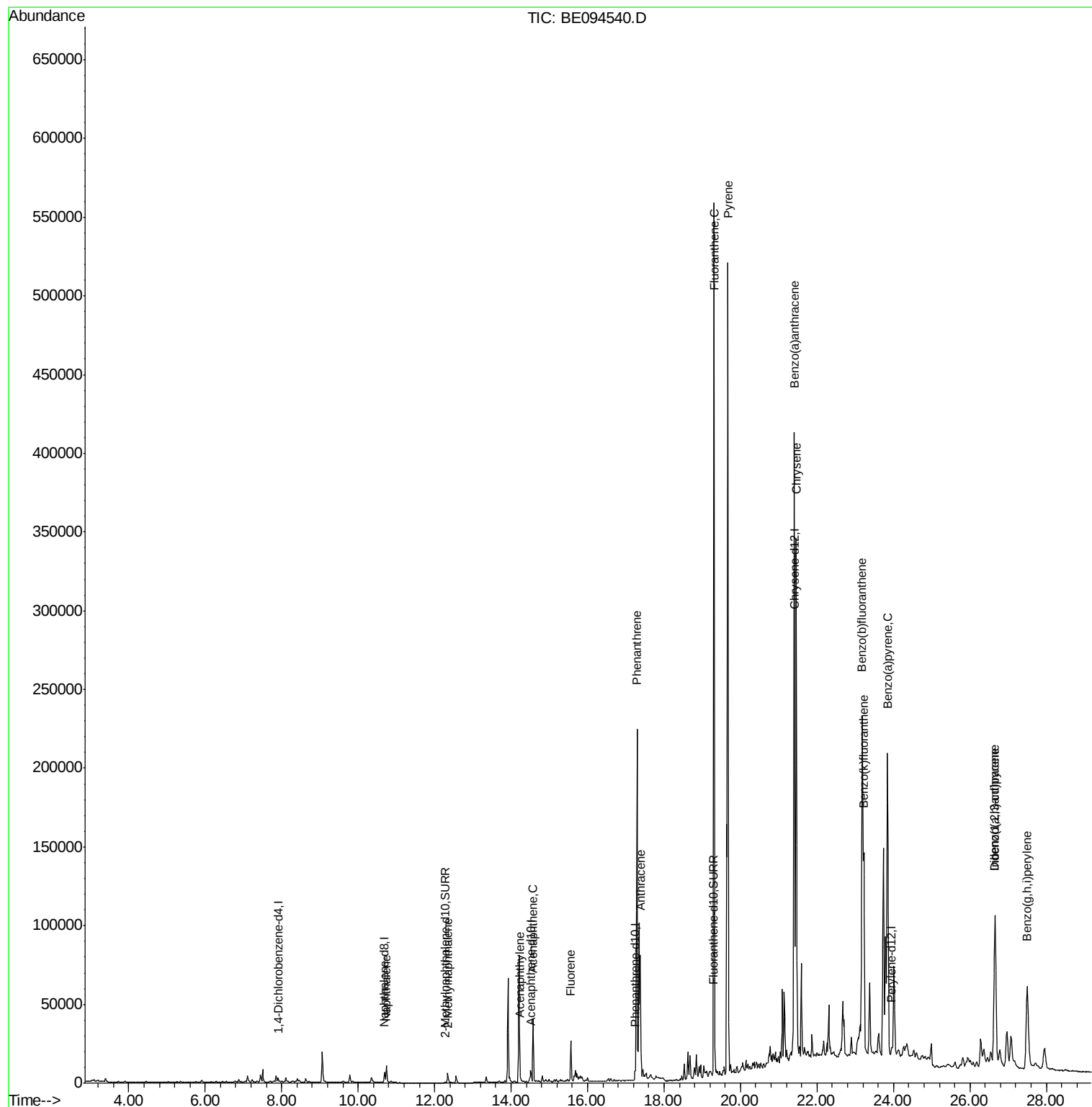
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102517\
Data File : BE094540.D
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ALS Vial : 16 Sample Multiplier: 1

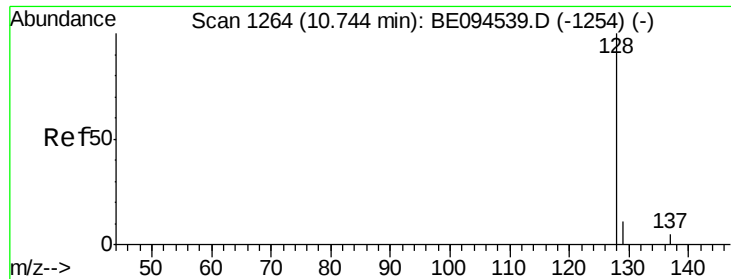
Instrument :
BNA_E
ClientSampleId :
B-55(0.5-1.5)-100317

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QLast Update : Wed Oct 25 18:44:03 2017
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#3

Naphthalene

Concen: 0.936 ng/ul

RT: 10.74 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BE094540.D

Acq: 25 Oct 2017 19:29

Instrument :

BNA_E

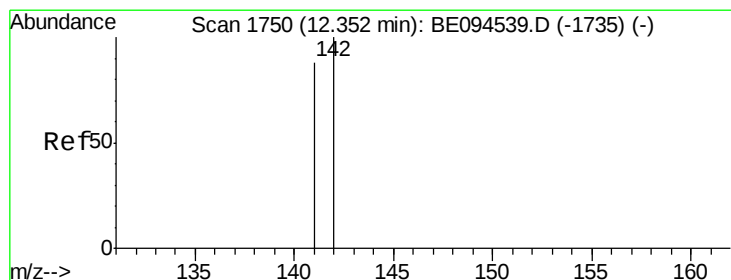
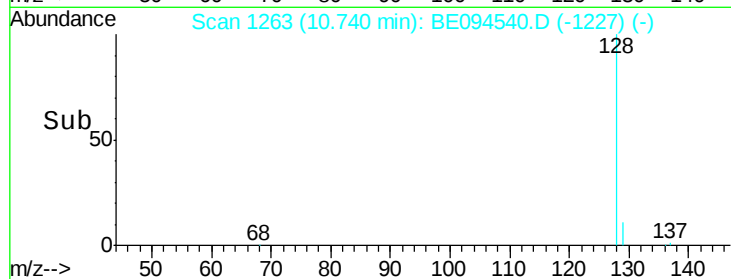
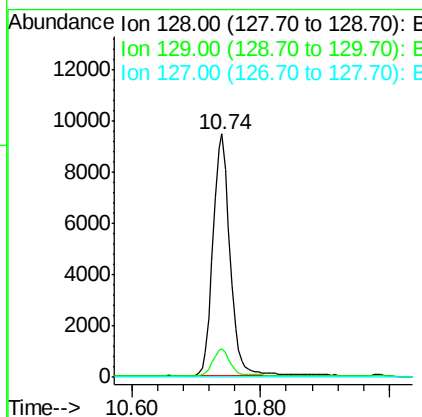
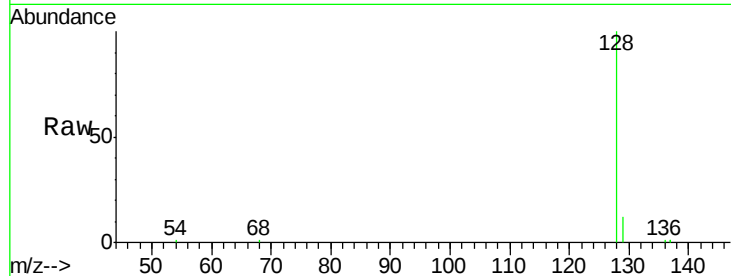
ClientSampleId :

B-55(0.5-1.5)-100317

Tgt Ion:	128	Resp:	17481
Ion Ratio	Lower	Upper	
128	100		
129	11.8	11.3	16.9
127	0.0	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 0.452 ng/ul

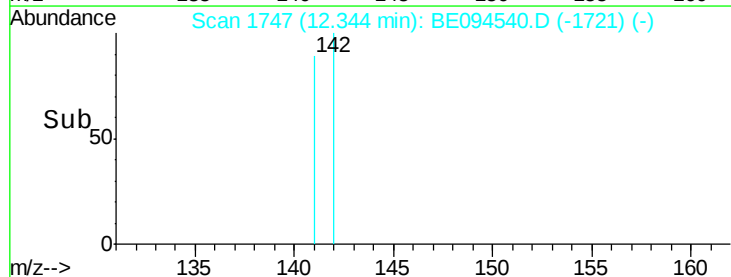
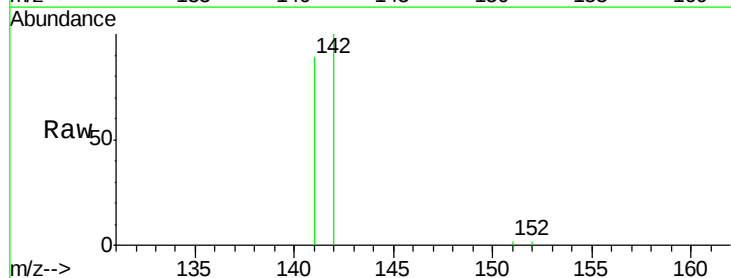
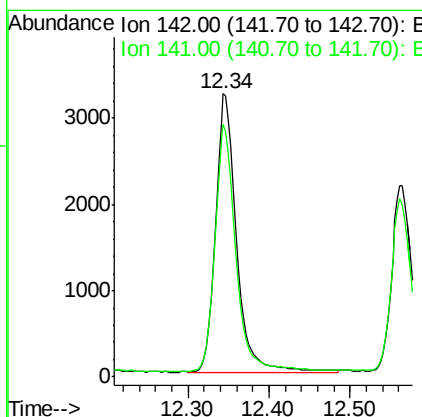
RT: 12.34 min Scan# 1747

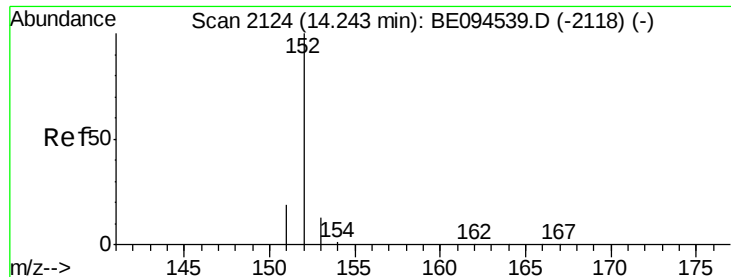
Delta R.T. -0.02 min

Lab File: BE094540.D

Acq: 25 Oct 2017 19:29

Tgt Ion:	142	Resp:	5904
Ion Ratio	Lower	Upper	
142	100		
141	89.0	72.6	108.8





#7

Acenaphthylene

Concen: 0.155 ng/ul

RT: 14.24 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BE094540.D

Acq: 25 Oct 2017 19:29

Instrument :

BNA_E

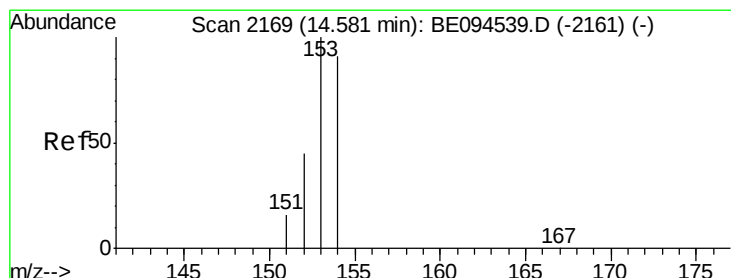
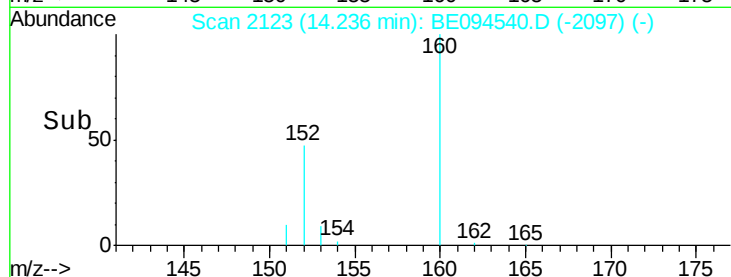
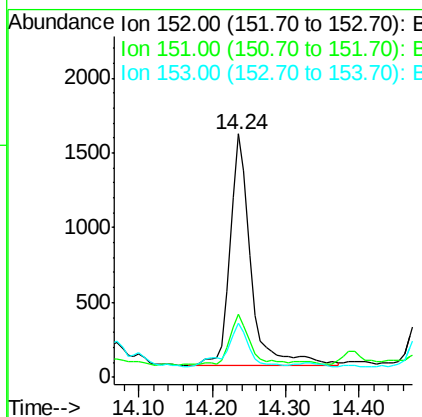
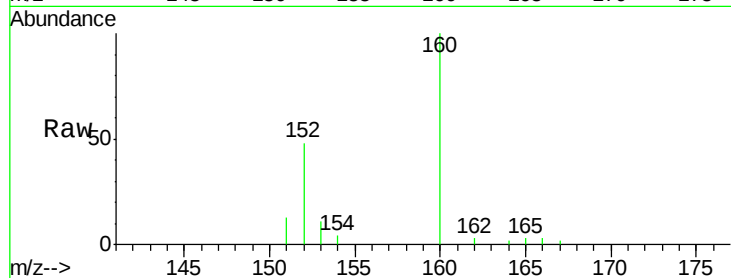
ClientSampleId :

B-55(0.5-1.5)-100317

Tgt Ion:	152	Resp:	3066
Ion Ratio	Lower	Upper	
152	100		
151	25.9	17.1	25.7#
153	22.3	12.8	19.2#

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#8

Acenaphthene

Concen: 1.701 ng/ul

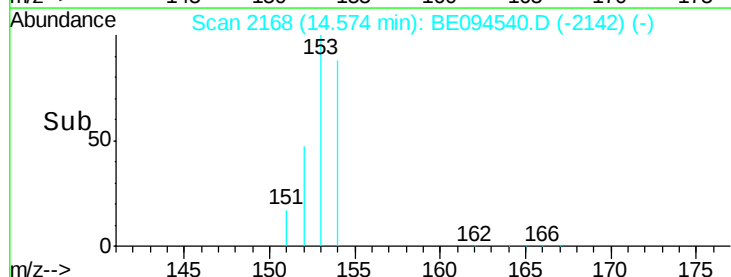
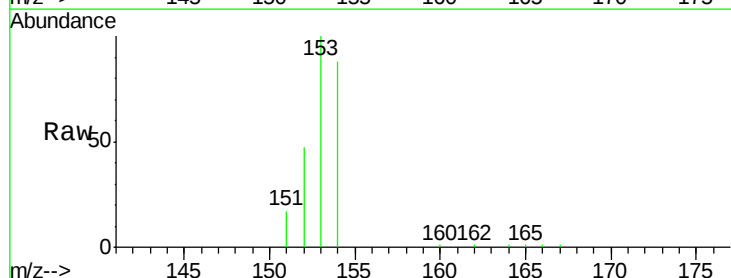
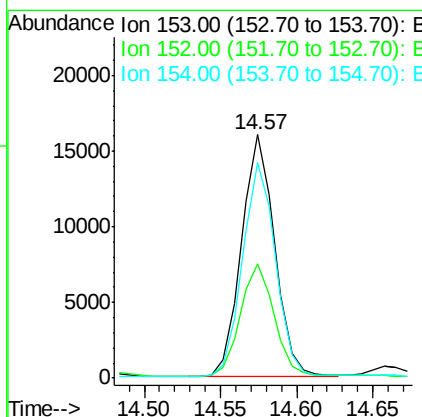
RT: 14.57 min Scan# 2168

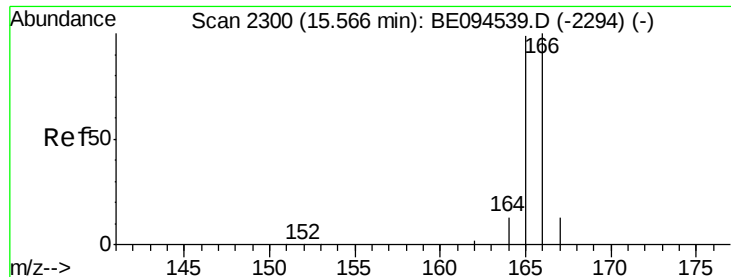
Delta R.T. -0.01 min

Lab File: BE094540.D

Acq: 25 Oct 2017 19:29

Tgt Ion:	153	Resp:	24190
Ion Ratio	Lower	Upper	
153	100		
152	46.9	36.0	54.0
154	88.4	72.0	108.0





#9

Fluorene

Concen: 1.060 ng/ul

RT: 15.56 min Scan# 2299

Delta R.T. -0.02 min

Lab File: BE094540.D

Acq: 25 Oct 2017 19:29

Instrument :

BNA_E

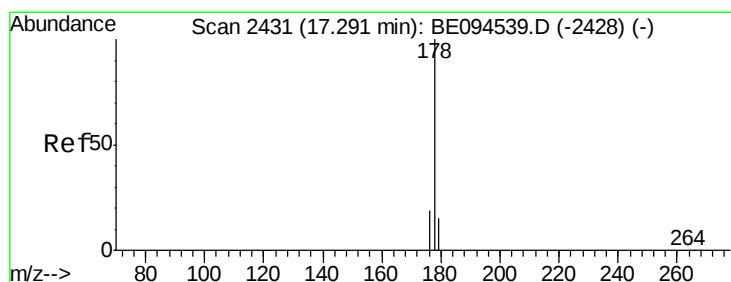
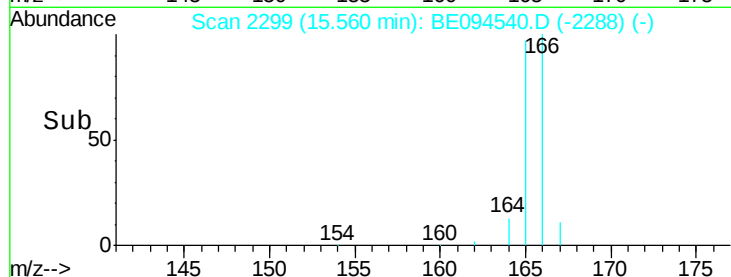
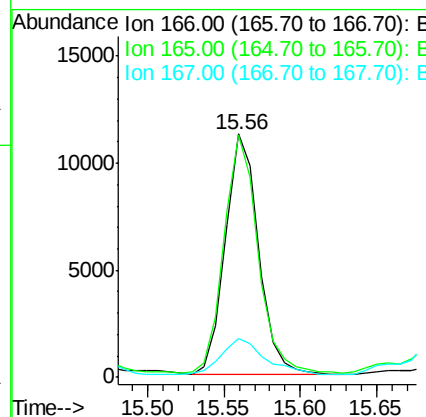
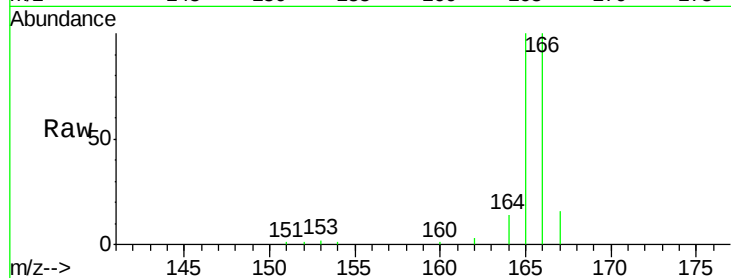
ClientSampleId :

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Tgt Ion:	166	Resp:	16930
Ion Ratio	Lower	Upper	
166	100		
165	99.6	73.4	110.2
167	15.8	14.6	22.0

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#12

Phenanthrene

Concen: 11.304 ng/ul

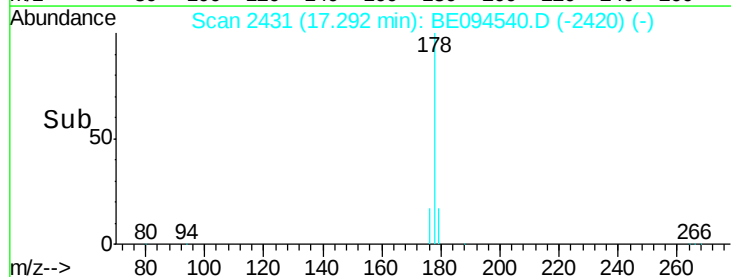
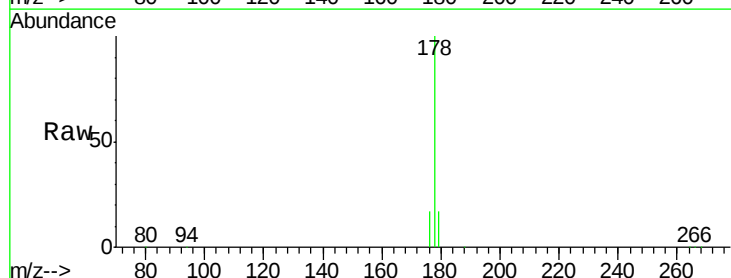
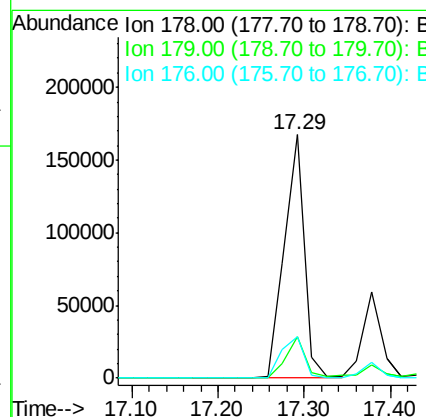
RT: 17.29 min Scan# 2431

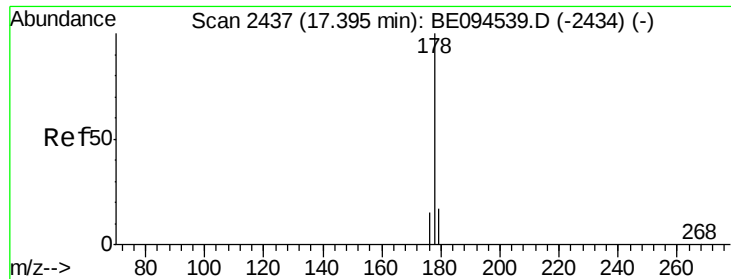
Delta R.T. -0.02 min

Lab File: BE094540.D

Acq: 25 Oct 2017 19:29

Tgt Ion:	178	Resp:	274594
Ion Ratio	Lower	Upper	
178	100		
179	16.9	18.4	27.6#
176	16.8	13.6	20.4





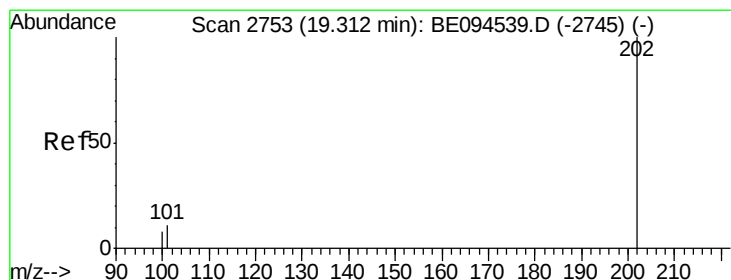
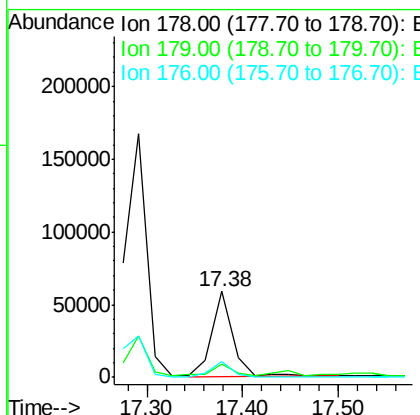
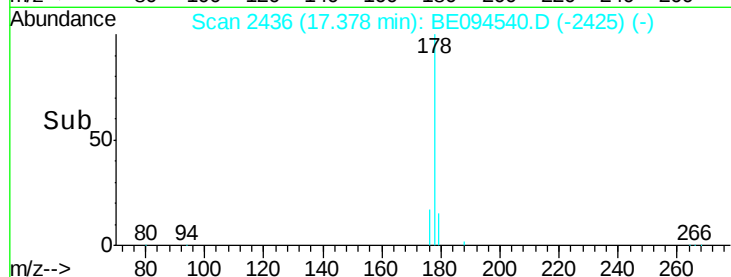
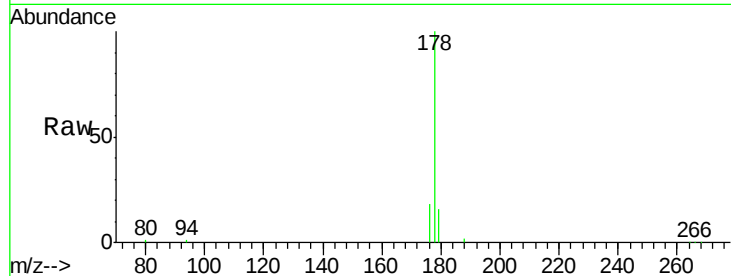
#13
 Anthracene
 Concen: 3.701 ng/ul
 RT: 17.38 min Scan# 2436
 Delta R.T. -0.02 min
 Lab File: BE094540.D
 Acq: 25 Oct 2017 19:29

Instrument :
 BNA_E
 ClientSampleId :
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Tgt Ion:178 Resp: 88732
 Ion Ratio Lower Upper
 178 100
 179 15.7 18.1 27.1#
 176 18.0 14.7 22.1

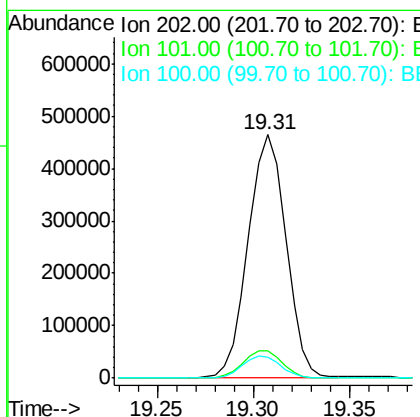
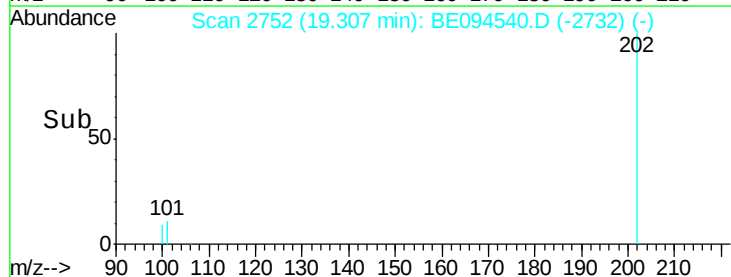
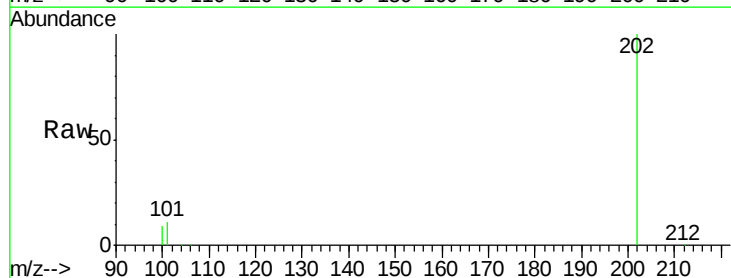
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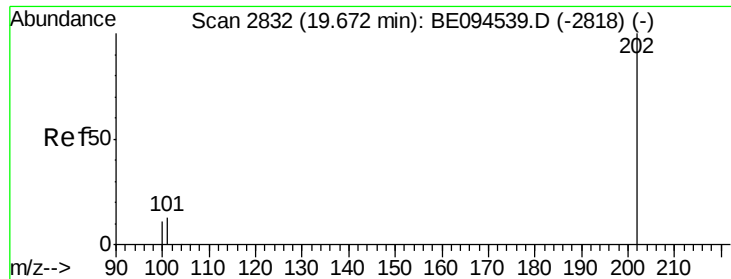
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#15
 Fluoranthene
 Concen: 22.454 ng/ul
 RT: 19.31 min Scan# 2752
 Delta R.T. -0.01 min
 Lab File: BE094540.D
 Acq: 25 Oct 2017 19:29

Tgt Ion:202 Resp: 630605
 Ion Ratio Lower Upper
 202 100
 101 11.1 0.0 30.3
 100 8.8 0.0 39.5





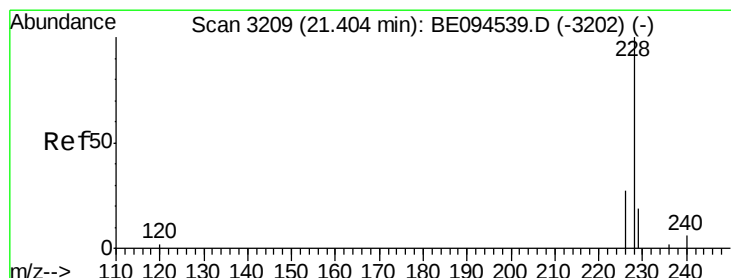
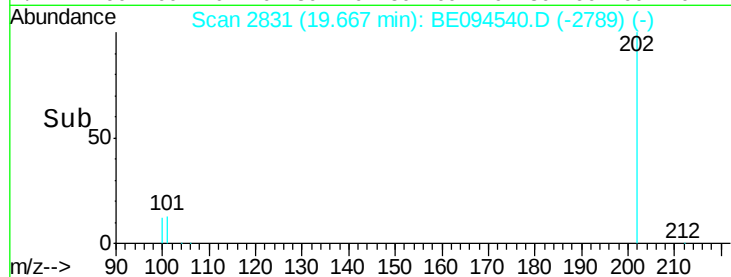
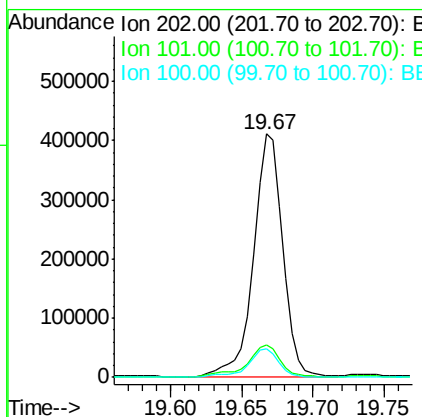
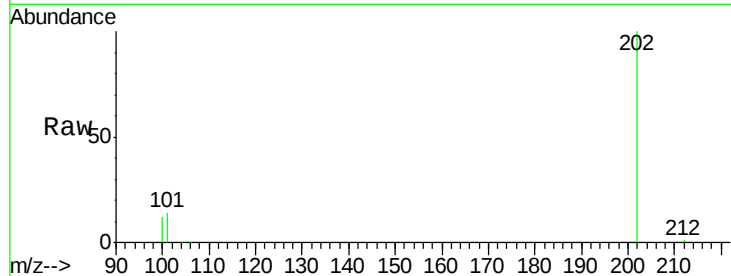
#17
Pyrene
 Concen: 21.413 ng/ul
 RT: 19.67 min Scan# 2831
 Delta R.T. -0.01 min
 Lab File: BE094540.D
 Acq: 25 Oct 2017 19:29

Instrument :
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 ClientSampleId :
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Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	13.6	18.2	27.4#
100	11.8	15.6	23.4#

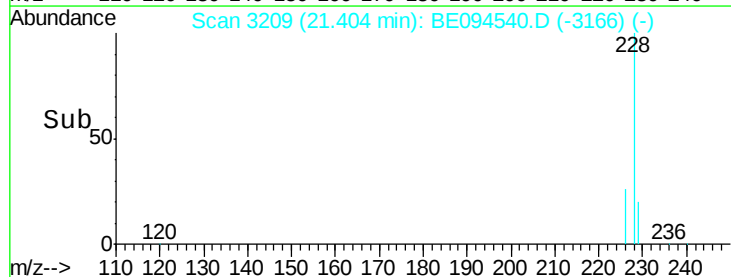
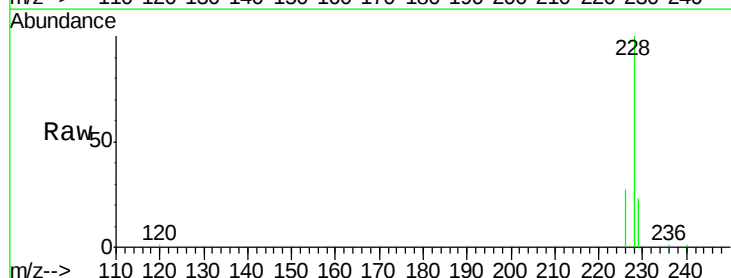
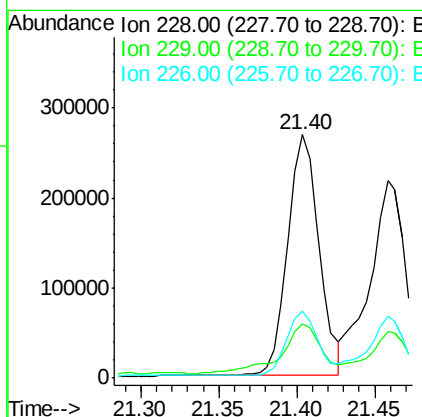
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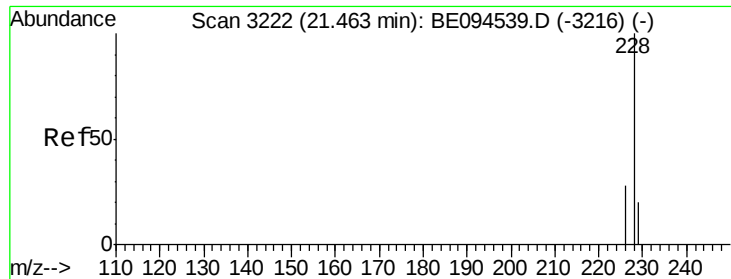
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#18
Benzo(a)anthracene
 Concen: 14.688 ng/ul
 RT: 21.40 min Scan# 3209
 Delta R.T. -0.01 min
 Lab File: BE094540.D
 Acq: 25 Oct 2017 19:29

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	22.5	22.8	34.2#
226	27.4	17.0	25.6#





#19

Chrysene

Concen: 13.186 ng/ul

RT: 21.46 min Scan# 3221

Delta R.T. -0.01 min

Lab File: BE094540.D

Acq: 25 Oct 2017 19:29

Instrument :

BNA_E

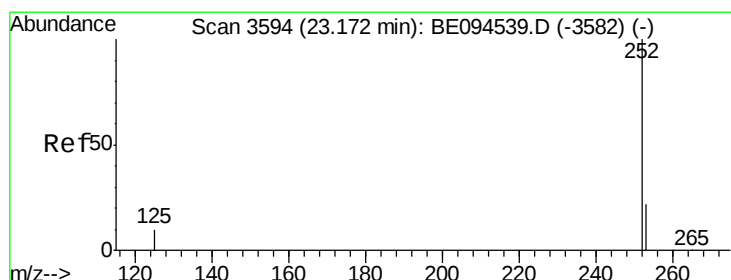
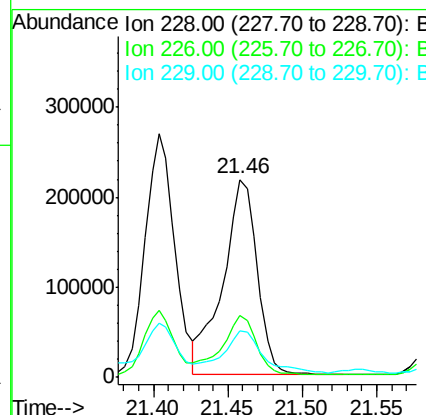
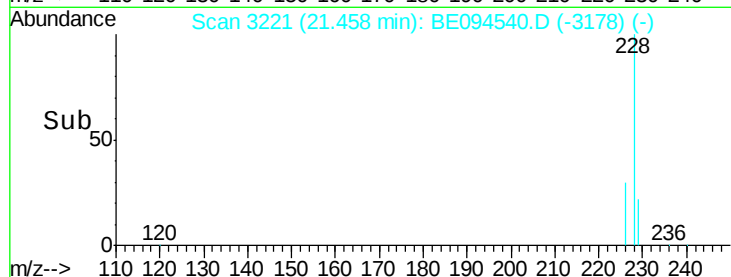
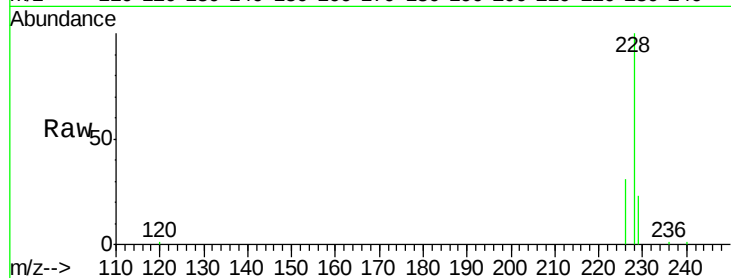
ClientSampleId :

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Tgt Ion:	228	Resp:	346694
Ion Ratio	Lower	Upper	
228	100		
226	31.0	23.4	35.0
229	23.5	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 16.084 ng/ul m

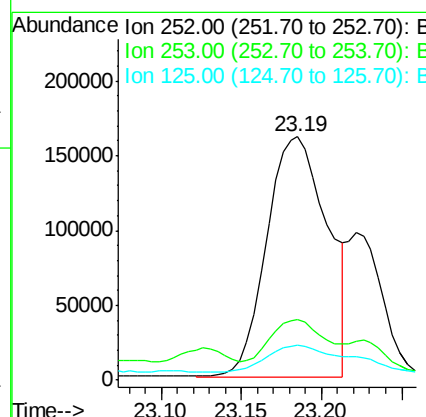
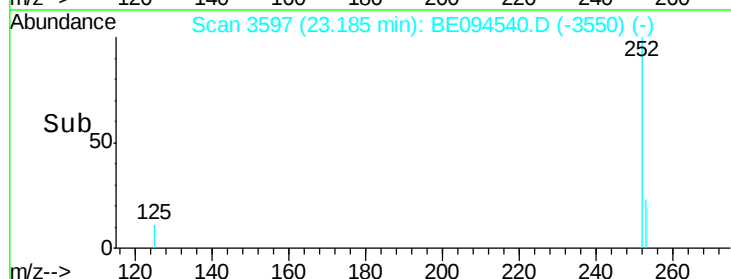
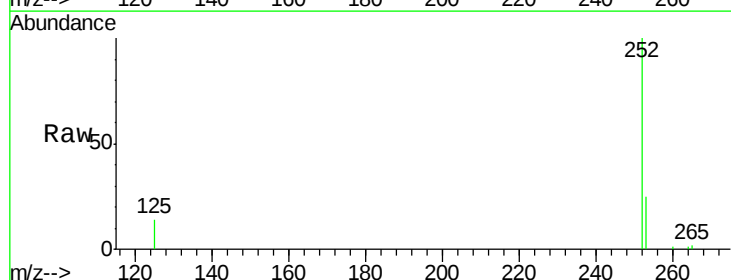
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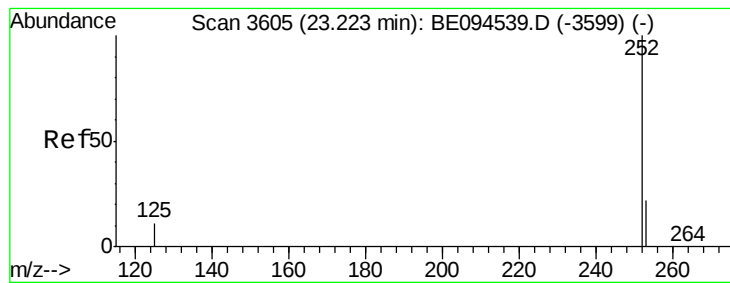
Delta R.T. 0.01 min

Lab File: BE094540.D

Acq: 25 Oct 2017 19:29

Tgt Ion:	252	Resp:	422476
Ion Ratio	Lower	Upper	
252	100		
253	24.9	0.0	64.2
125	14.2	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 5.236 ng/ul m

RT: 23.22 min Scan# 3605

Delta R.T. -0.00 min

Lab File: BE094540.D

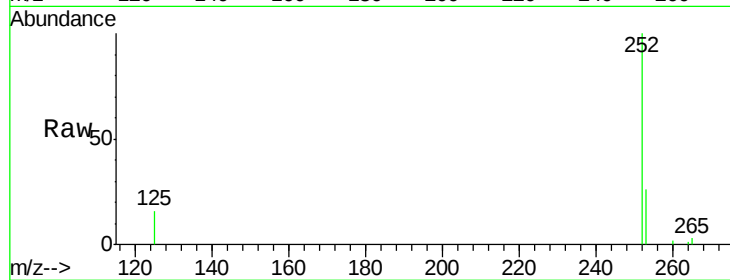
Acq: 25 Oct 2017 19:29

Instrument :

BNA_E

ClientSampleId :

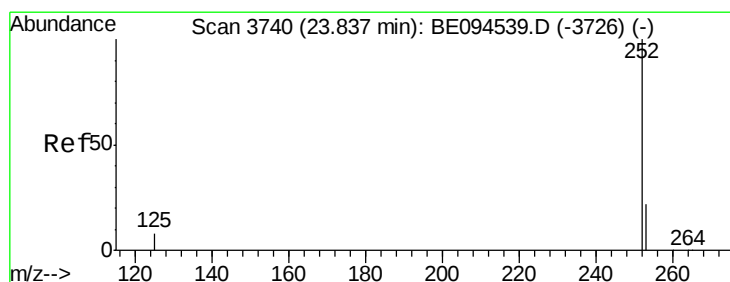
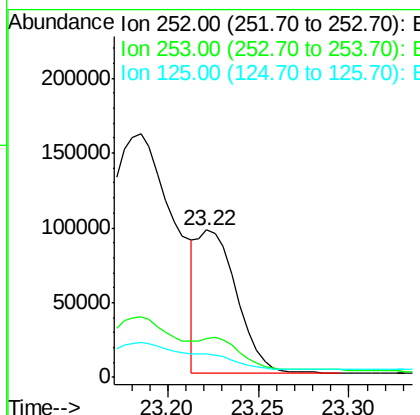
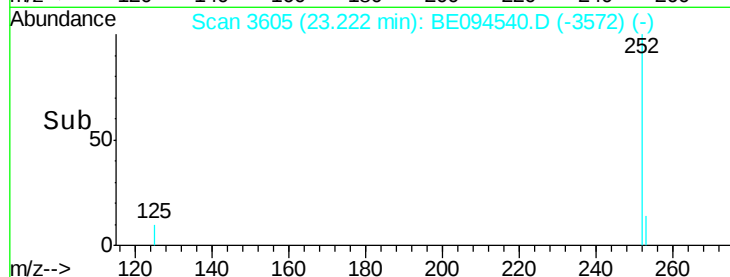
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Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.2	24.5	36.7
125	15.8	13.7	20.5

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#23

Benzo(a)pyrene

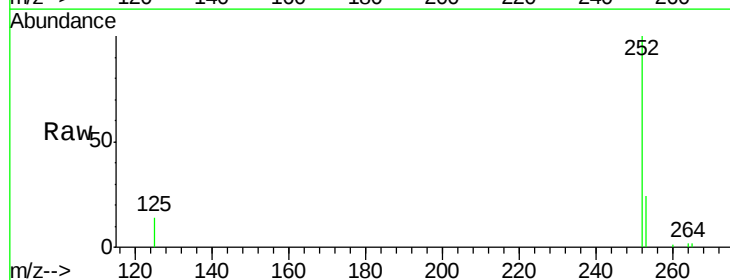
Concen: 12.115 ng/ul

RT: 23.85 min Scan# 3742

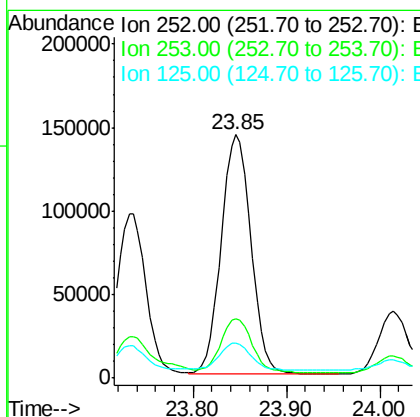
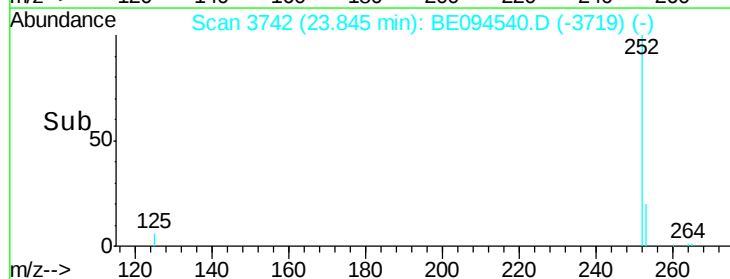
Delta R.T. 0.00 min

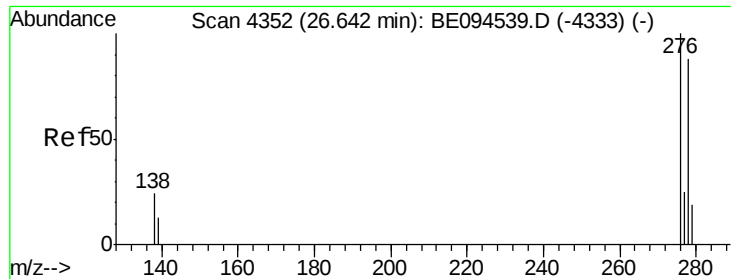
Lab File: BE094540.D

Acq: 25 Oct 2017 19:29



Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	28.5	42.7#
125	14.4	18.1	27.1#





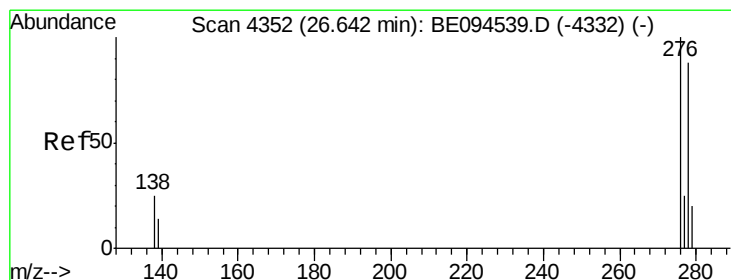
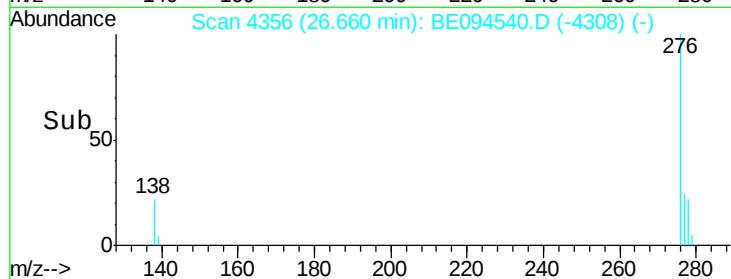
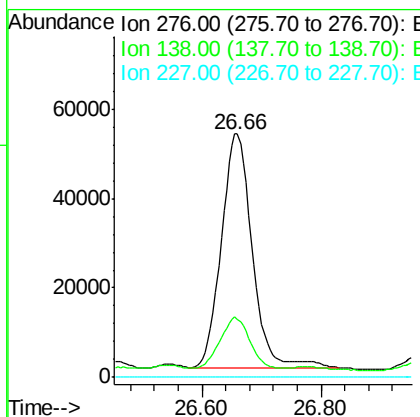
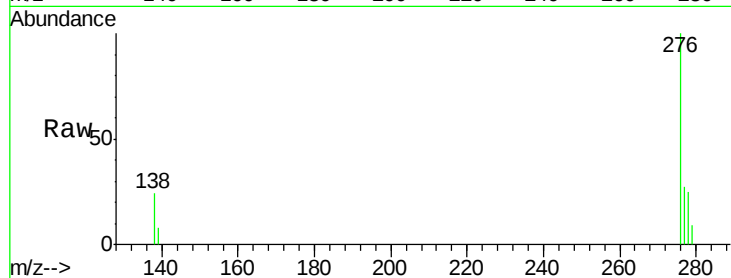
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 6.953 ng/ul
 RT: 26.66 min Scan# 4356
 Delta R.T. 0.02 min
 Lab File: BE094540.D
 Acq: 25 Oct 2017 19:29

Instrument :
 BNA_E
 ClientSampleId :
 B-55(0.5-1.5)-100317

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	188908		
138	21.1	28.0	42.0#	
227	0.0	8.0	12.0#	

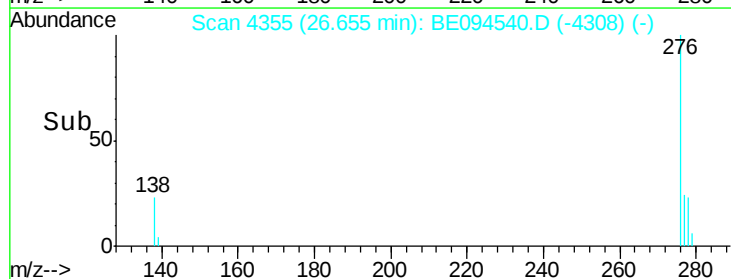
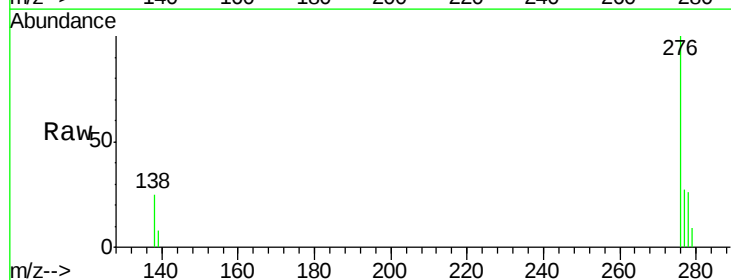
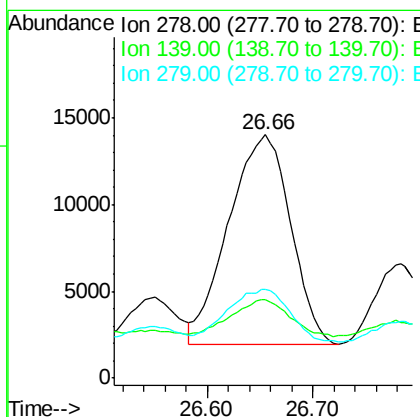
Manual Integrations
 APPROVED

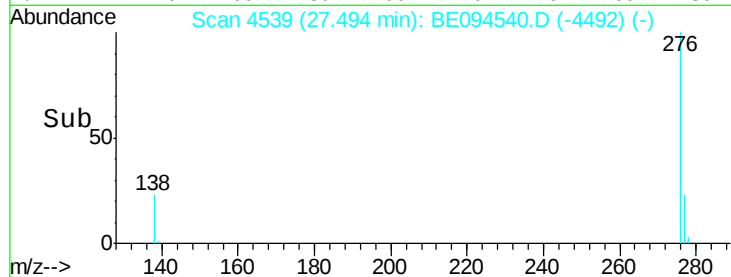
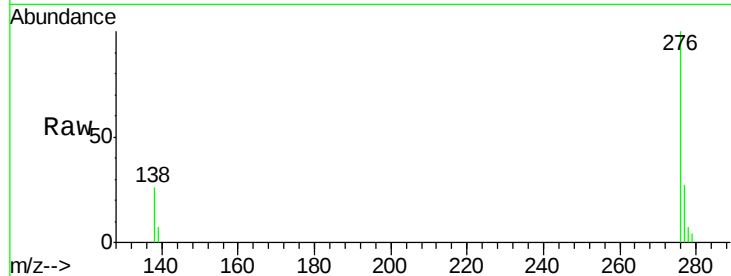
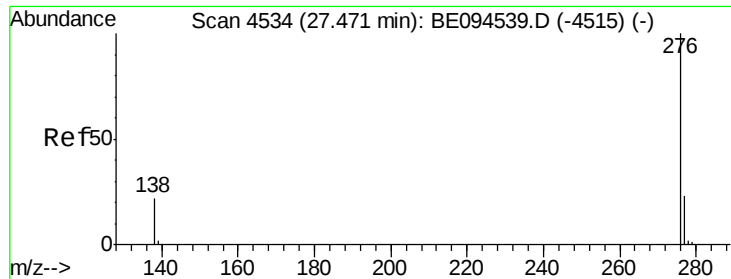
Sohil
 10/27/2017 8:29:03 AM



#25
 Dibenzo(a,h)anthracene
 Concen: 2.154 ng/ul
 RT: 26.66 min Scan# 4355
 Delta R.T. 0.01 min
 Lab File: BE094540.D
 Acq: 25 Oct 2017 19:29

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	49307		
139	32.4	17.4	26.0#	
279	36.7	25.9	38.9	





#26

Benzo(g,h,i)perylene

Concen: 6.800 ng/ul

RT: 27.49 min Scan# 4539

Delta R.T. 0.01 min

Lab File: BE094540.D

Acq: 25 Oct 2017 19:29

Instrument :

BNA_E

ClientSampleId :

B-55(0.5-1.5)-100317

Tgt	Ion	276	Resp	148348
Ion	Ratio	Lower	Upper	
276	100			
138	26.1	21.8	32.8	
277	27.1	20.5	30.7	

Manual Integrations
APPROVED

Sohil
10/27/2017 8:29:03 AM

