

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102517\
 Data File : BE094551.D
 Acq On : 26 Oct 2017 2:15
 Operator : SJ/JU
 Sample : I5747-05 5X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-4(0-1)-100617

Manual Integrations
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Quant Time: Oct 26 13:31:13 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	1683	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	9753	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.51	164	5649	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	12250	0.40	ng/ul	0.00
16) Chrysene-d12	21.42	240	11751	0.40	ng/ul	0.00
20) Perylene-d12	23.96	264	12300	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	835	0.05	ng/ul	-0.02
14) Fluoranthene-d10	19.28	212	2050	0.06	ng/ul	-0.01
Target Compounds				Qvalue		
3) Naphthalene	10.74	128	21052	0.883	ng/ul#	91
5) 2-Methylnaphthalene	12.35	142	6993	0.419	ng/ul	99
7) Acenaphthylene	14.24	152	17853	0.699	ng/ul	97
8) Acenaphthene	14.57	153	31584	1.720	ng/ul	97
9) Fluorene	15.57	166	27025	1.311	ng/ul	96
12) Phenanthrene	17.29	178	464148	14.345	ng/ul#	90
13) Anthracene	17.38	178	106711	3.342	ng/ul#	90
15) Fluoranthene	19.31	202	892655	23.863	ng/ul	83
17) Pyrene	19.67	202	784355	21.591	ng/ul#	80
18) Benzo(a)anthracene	21.40	228	438785	13.062	ng/ul#	86
19) Chrysene	21.46	228	427629	12.316	ng/ul	99
21) Benzo(b)fluoranthene	23.18	252	534415m	15.446	ng/ul	
22) Benzo(k)fluoranthene	23.22	252	208200m	5.615	ng/ul	
23) Benzo(a)pyrene	23.84	252	388181	11.224	ng/ul#	79
24) Indeno(1,2,3-cd)pyrene	26.65	276	252239	7.048	ng/ul#	75
25) Dibenzo(a,h)anthracene	26.65	278	64592	2.142	ng/ul	97
26) Benzo(g,h,i)perylene	27.49	276	193869	6.746	ng/ul	96

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

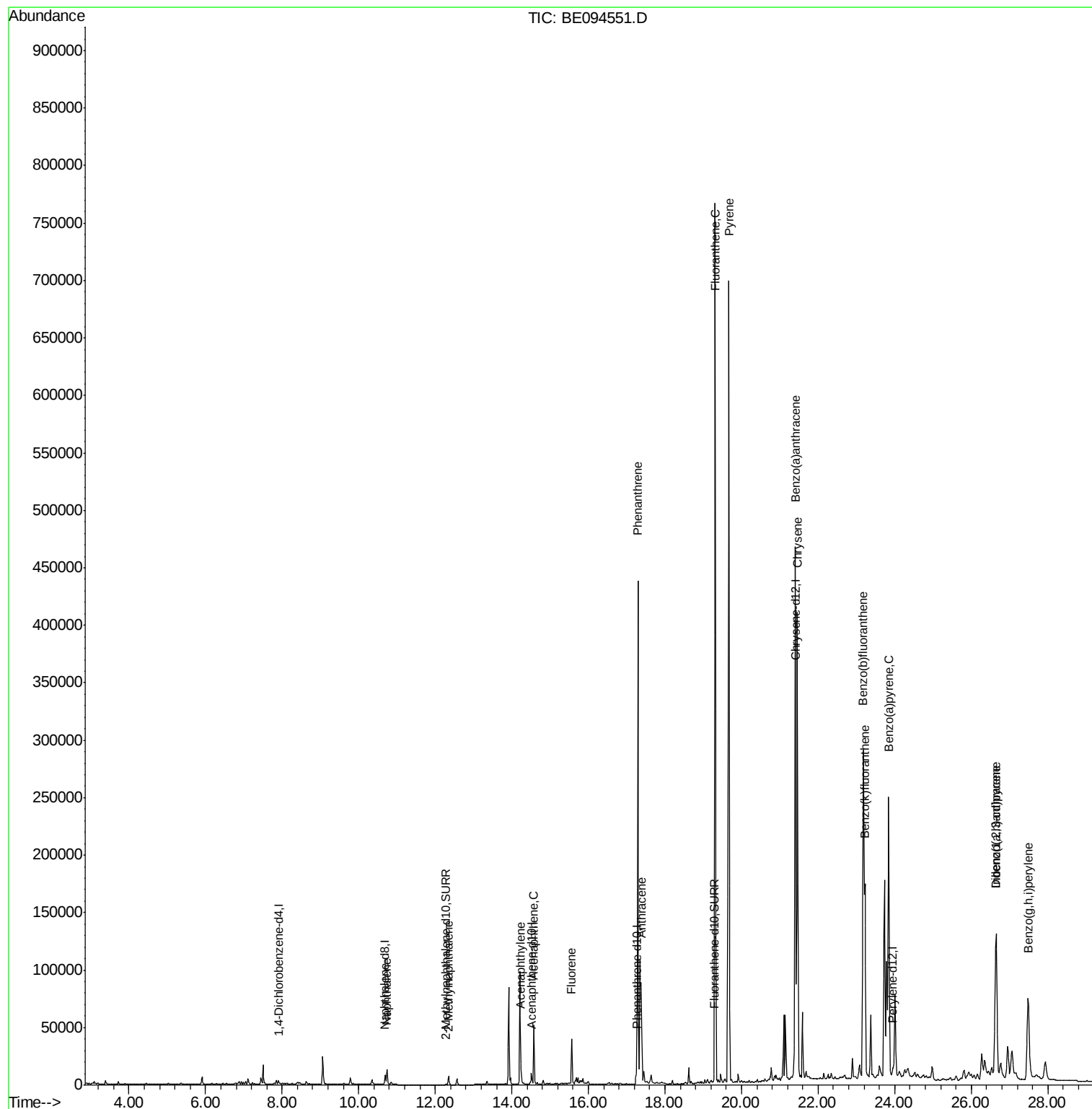
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102517\
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ALS Vial : 27 Sample Multiplier: 1

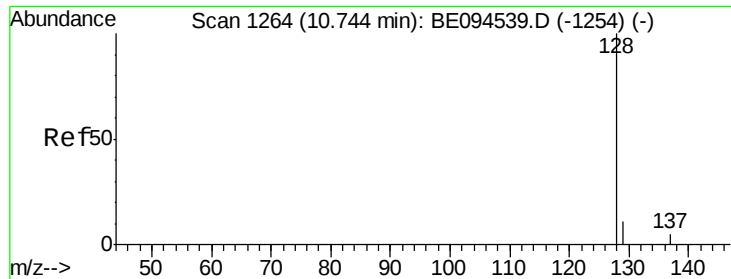
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#3

Naphthalene

Concen: 0.883 ng/ul

RT: 10.74 min Scan# 1263

Delta R.T. -0.02 min

Lab File: BE094551.D

Acq: 26 Oct 2017 2:15

Instrument :

BNA_E

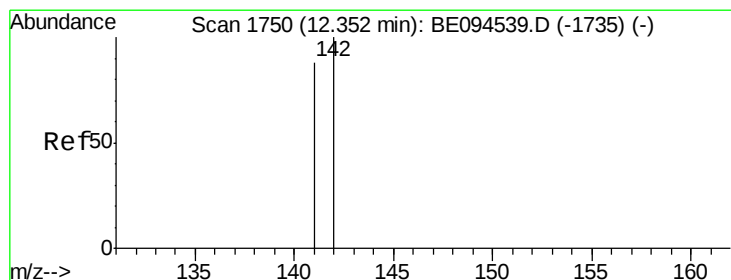
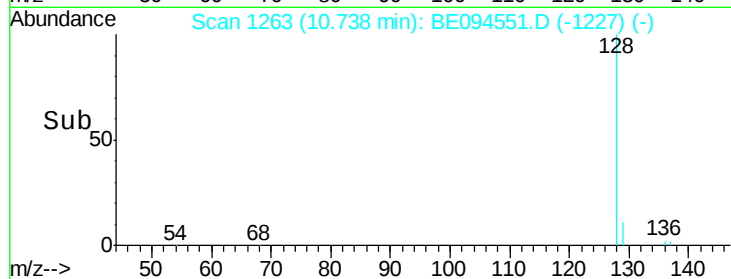
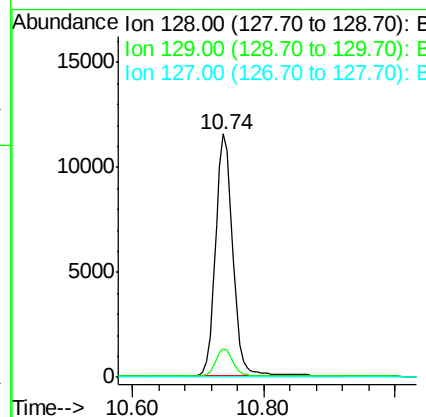
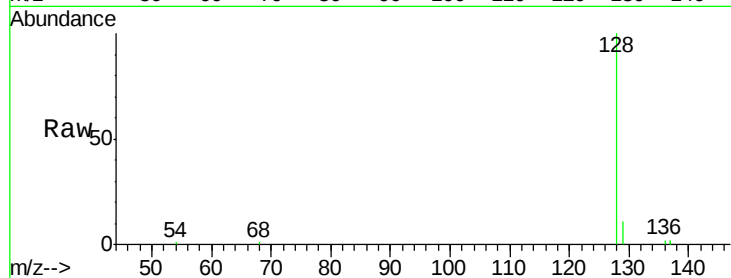
ClientSampleId :

B-4(0-1)-100617

Tgt Ion:	128	Resp:	21052
Ion Ratio	Lower	Upper	
128	100		
129	11.5	11.3	16.9
127	0.0	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 0.419 ng/ul

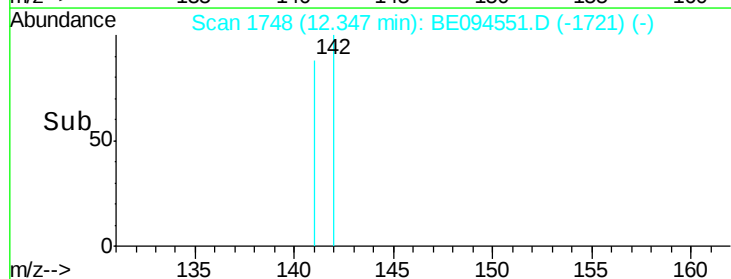
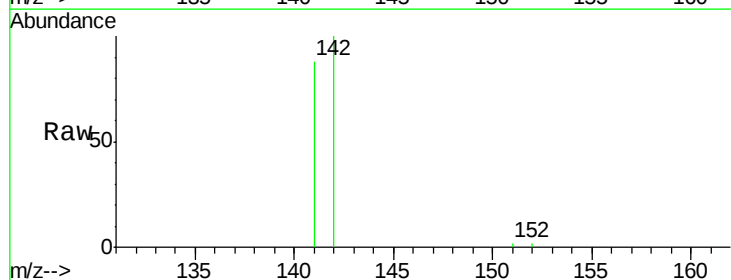
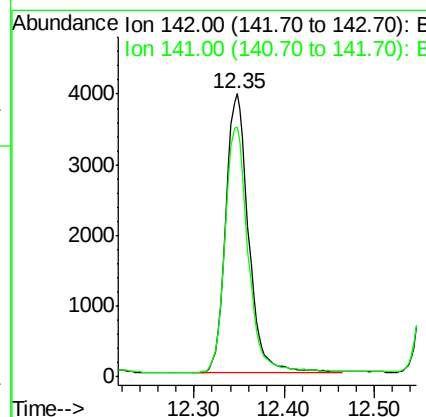
RT: 12.35 min Scan# 1748

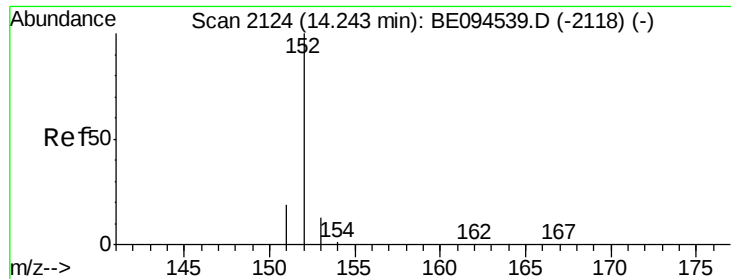
Delta R.T. -0.02 min

Lab File: BE094551.D

Acq: 26 Oct 2017 2:15

Tgt Ion:	142	Resp:	6993
Ion Ratio	Lower	Upper	
142	100		
141	89.5	72.6	108.8





#7

Acenaphthylene

Concen: 0.699 ng/ul

RT: 14.24 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BE094551.D

Acq: 26 Oct 2017 2:15

Instrument :

BNA_E

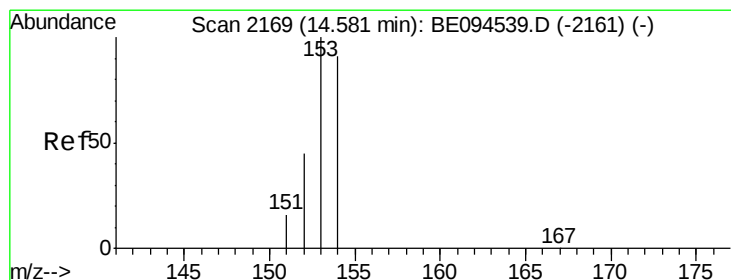
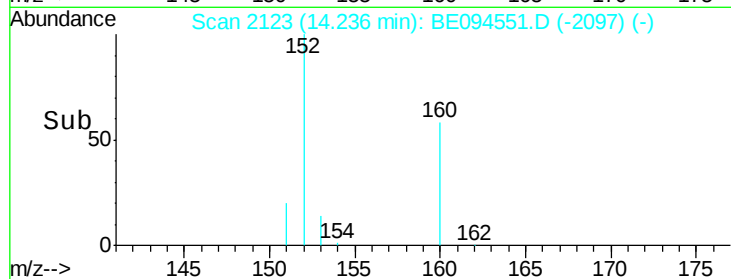
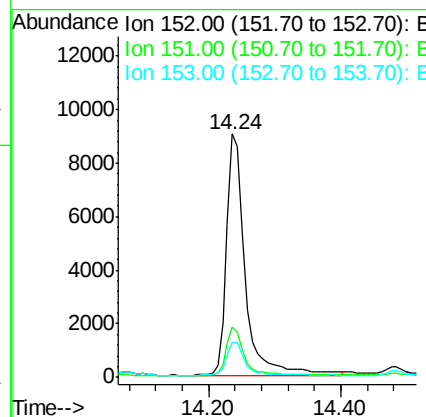
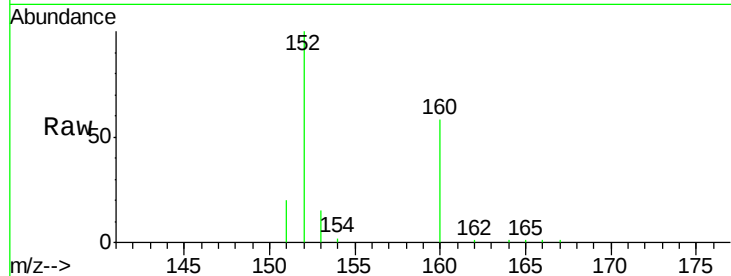
ClientSampleId :

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Tgt Ion:	152	Resp:	17853
Ion Ratio	Lower	Upper	
152	100		
151	20.4	17.1	25.7
153	14.6	12.8	19.2

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#8

Acenaphthene

Concen: 1.720 ng/ul

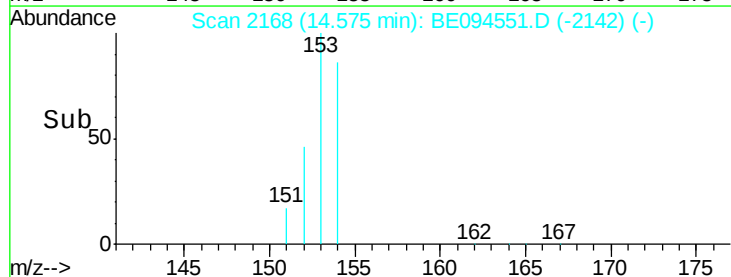
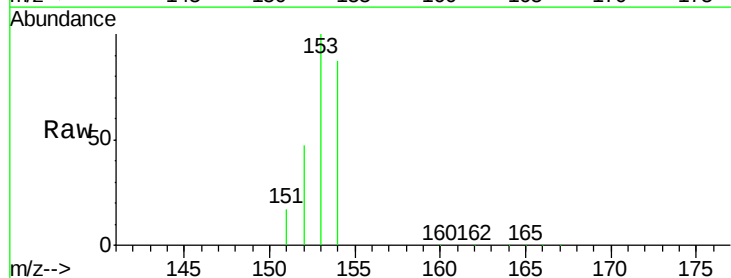
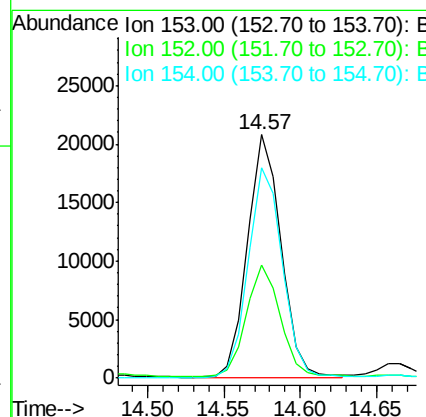
RT: 14.57 min Scan# 2168

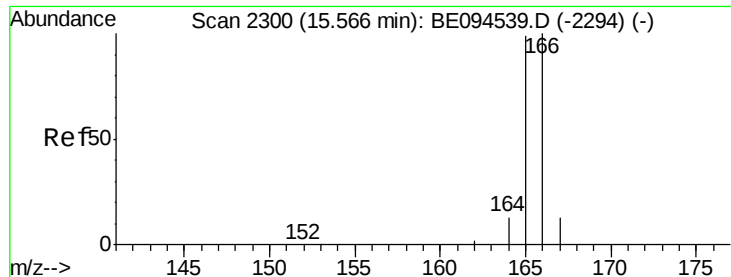
Delta R.T. -0.01 min

Lab File: BE094551.D

Acq: 26 Oct 2017 2:15

Tgt Ion:	153	Resp:	31584
Ion Ratio	Lower	Upper	
153	100		
152	46.6	36.0	54.0
154	86.5	72.0	108.0





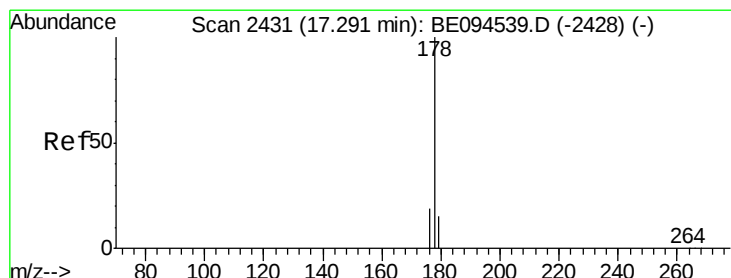
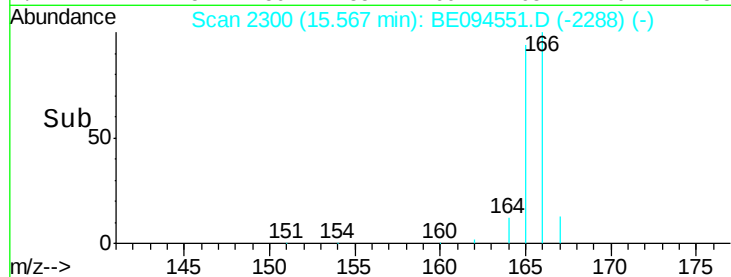
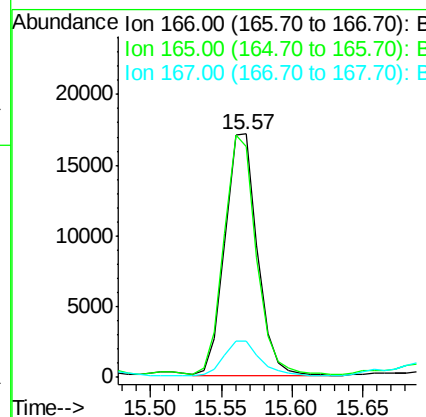
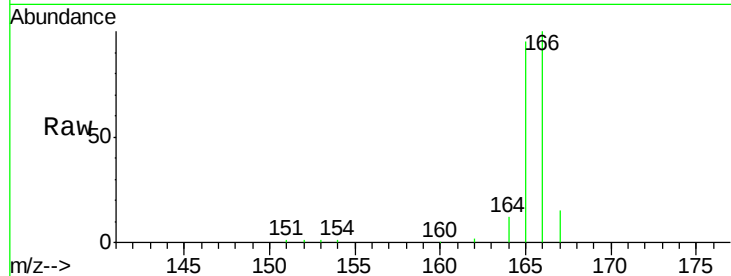
#9
Fluorene
 Concen: 1.311 ng/ul
 RT: 15.57 min Scan# 2300
 Delta R.T. -0.01 min
 Lab File: BE094551.D
 Acq: 26 Oct 2017 2:15

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Tgt Ion	Ratio	Lower	Upper
166	100		
165	94.9	73.4	110.2
167	15.1	14.6	22.0

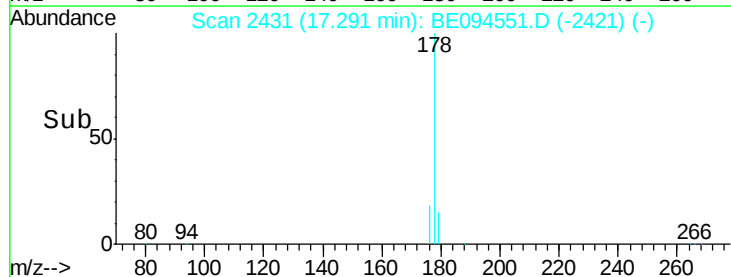
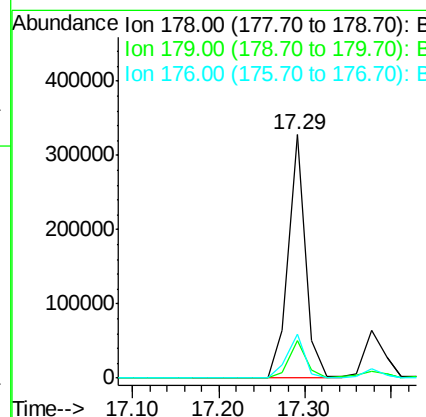
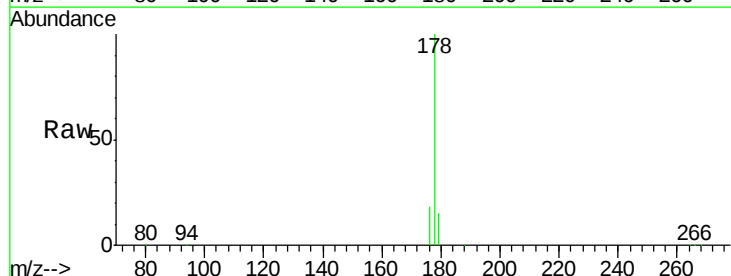
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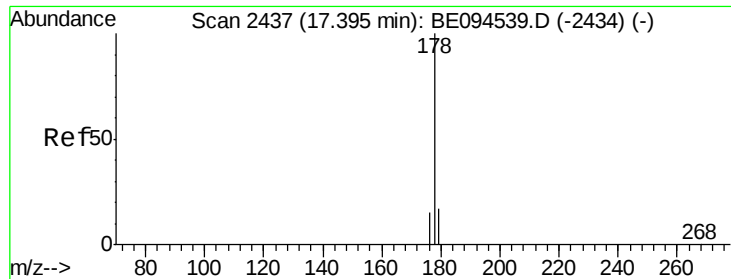
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#12
Phenanthrene
 Concen: 14.345 ng/ul
 RT: 17.29 min Scan# 2431
 Delta R.T. -0.02 min
 Lab File: BE094551.D
 Acq: 26 Oct 2017 2:15

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	18.4	27.6#
176	18.3	13.6	20.4





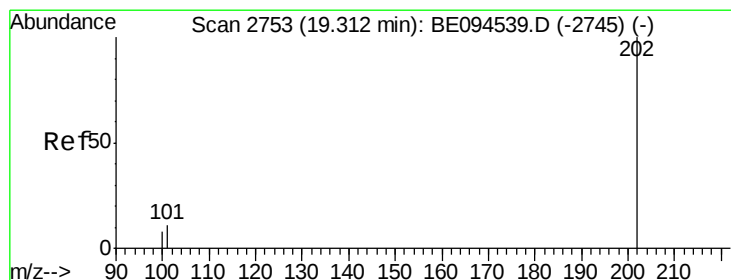
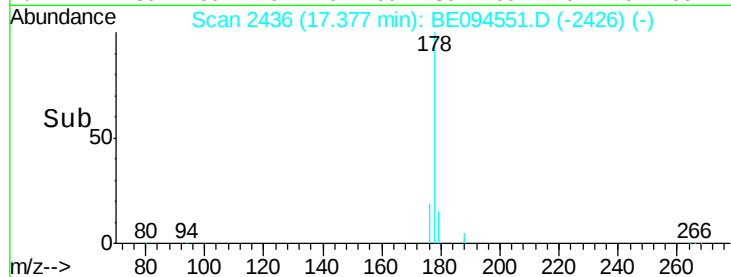
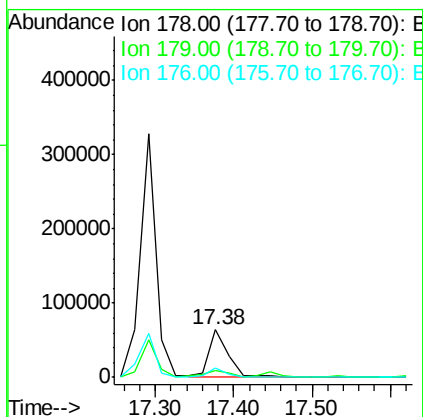
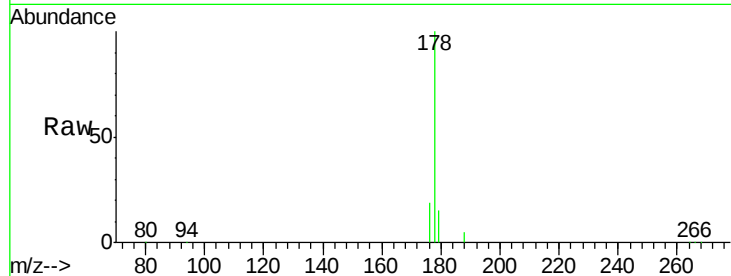
#13
 Anthracene
 Concen: 3.342 ng/ul
 RT: 17.38 min Scan# 2436
 Delta R.T. -0.02 min
 Lab File: BE094551.D
 Acq: 26 Oct 2017 2:15

Instrument :
 BNA_E
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.0	18.1	27.1#
176	19.3	14.7	22.1

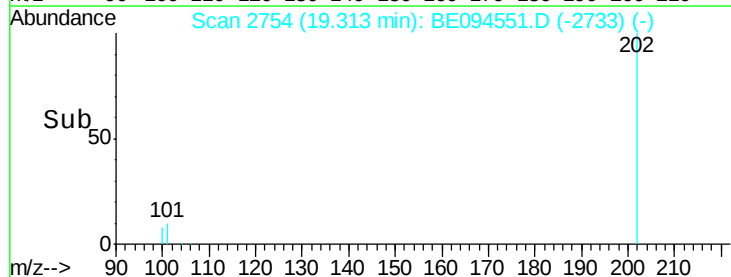
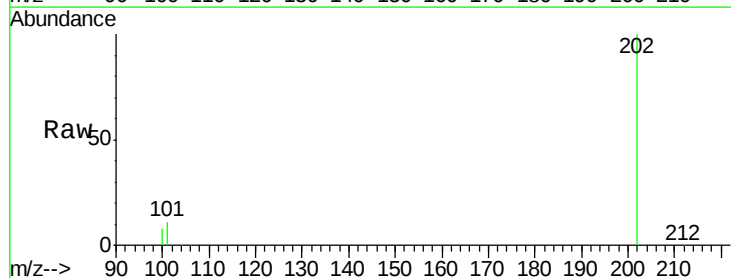
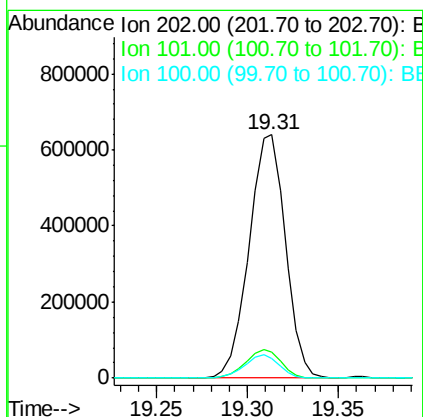
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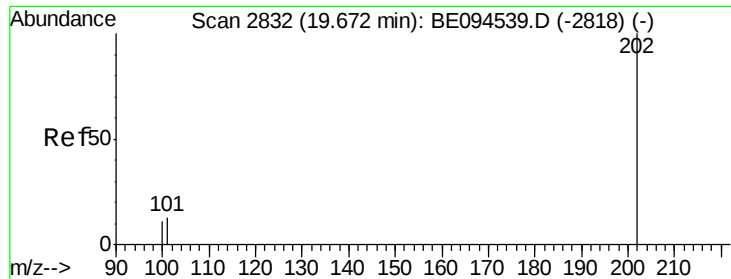
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#15
 Fluoranthene
 Concen: 23.863 ng/ul
 RT: 19.31 min Scan# 2754
 Delta R.T. -0.00 min
 Lab File: BE094551.D
 Acq: 26 Oct 2017 2:15

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	30.3
100	8.1	0.0	39.5





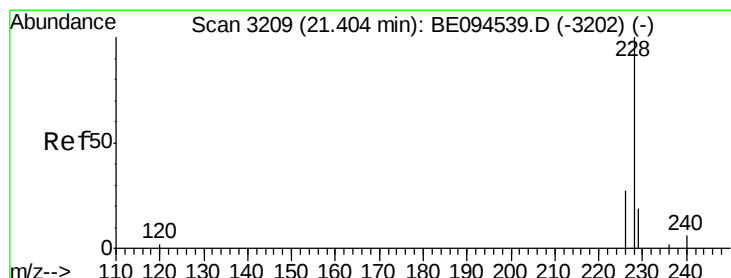
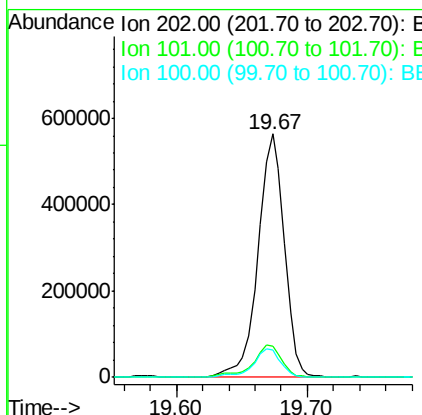
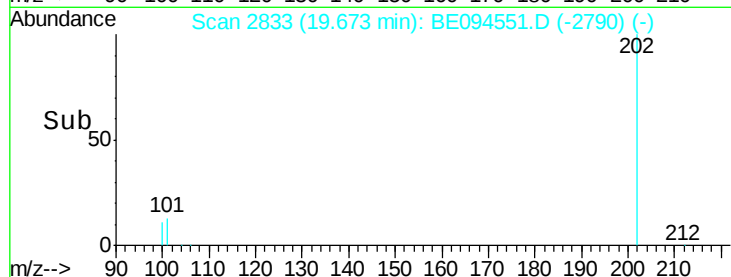
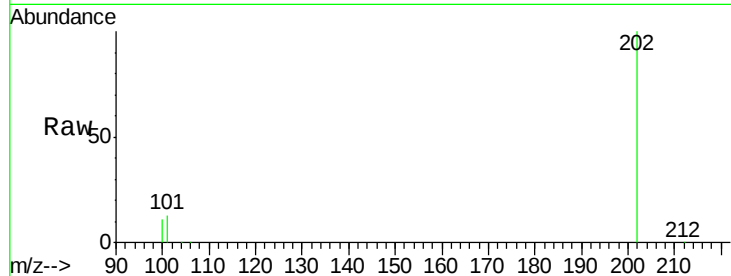
#17
 Pyrene
 Concen: 21.591 ng/ul
 RT: 19.67 min Scan# 2833
 Delta R.T. -0.00 min
 Lab File: BE094551.D
 Acq: 26 Oct 2017 2:15

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Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	12.8	18.2	27.4#
100	11.0	15.6	23.4#

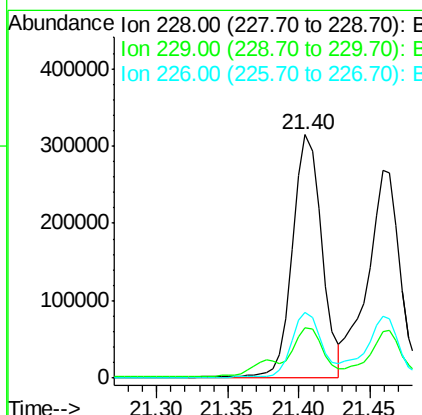
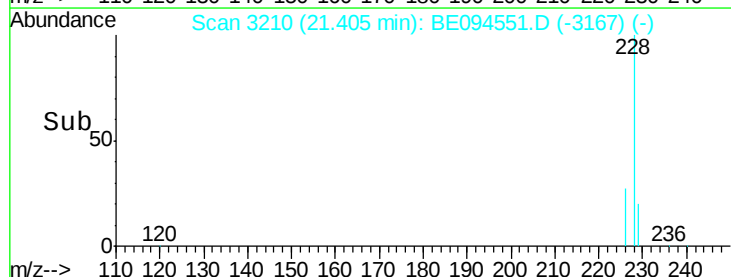
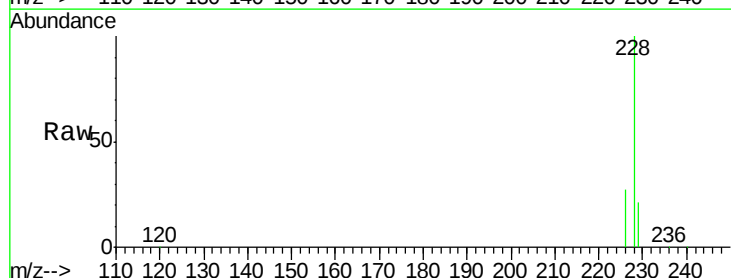
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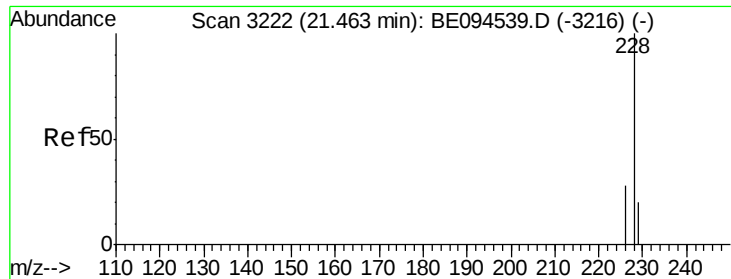
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#18
 Benzo(a)anthracene
 Concen: 13.062 ng/ul
 RT: 21.40 min Scan# 3210
 Delta R.T. -0.00 min
 Lab File: BE094551.D
 Acq: 26 Oct 2017 2:15

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.7	22.8	34.2#
226	27.2	17.0	25.6#





#19

Chrysene

Concen: 12.316 ng/ul

RT: 21.46 min Scan# 3222

Delta R.T. -0.00 min

Lab File: BE094551.D

Acq: 26 Oct 2017 2:15

Instrument :

BNA_E

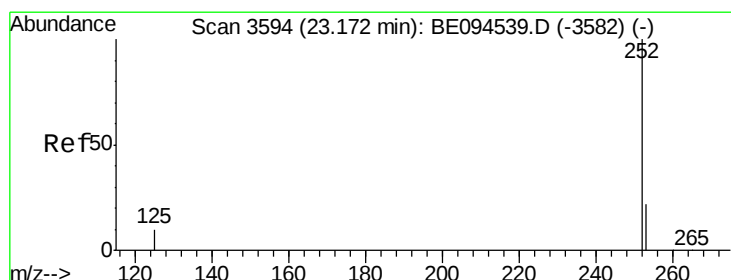
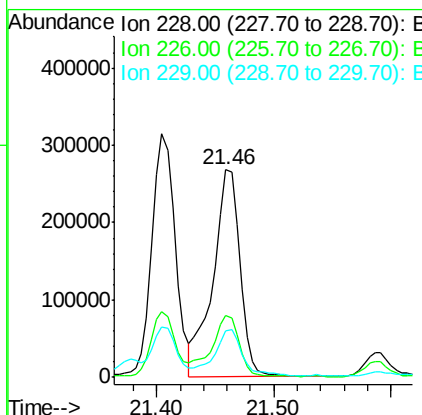
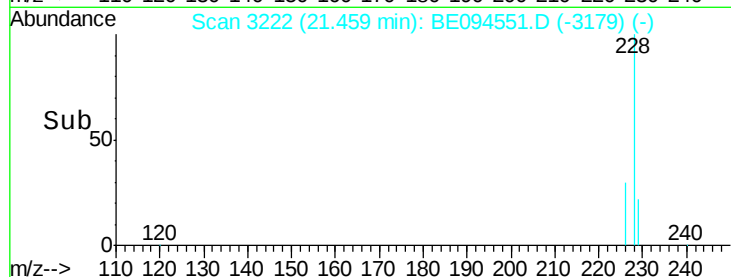
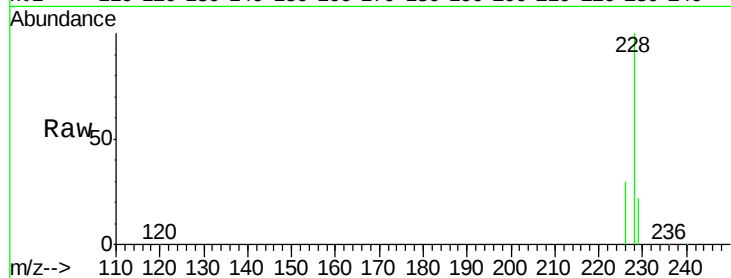
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Tgt Ion:	228	Resp:	427629
Ion Ratio	Lower	Upper	
228	100		
226	30.0	23.4	35.0
229	22.3	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 15.446 ng/ul m

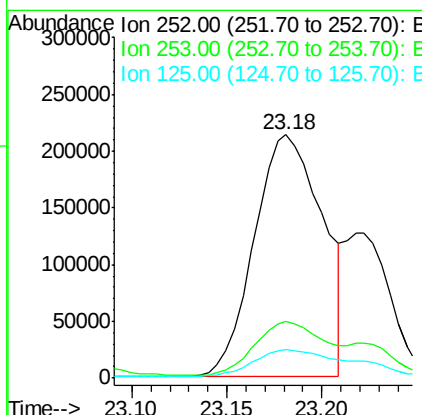
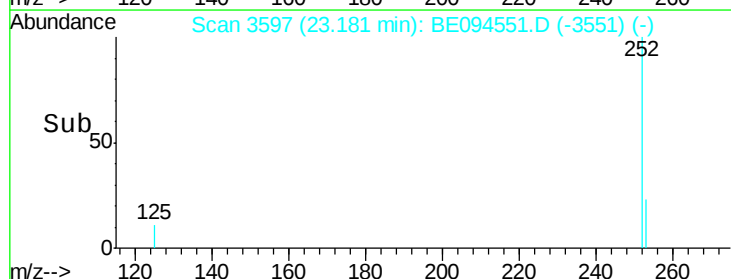
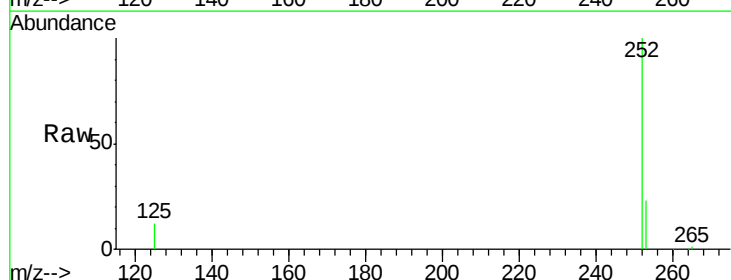
RT: 23.18 min Scan# 3597

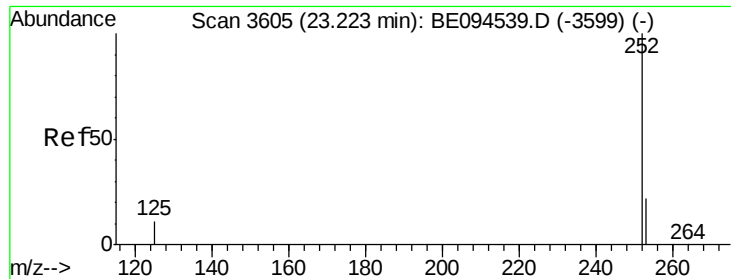
Delta R.T. 0.01 min

Lab File: BE094551.D

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Tgt Ion:	252	Resp:	534415
Ion Ratio	Lower	Upper	
252	100		
253	23.2	0.0	64.2
125	11.6	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 5.615 ng/ul m

RT: 23.22 min Scan# 3606

Delta R.T. 0.00 min

Lab File: BE094551.D

Acq: 26 Oct 2017 2:15

Instrument :

BNA_E

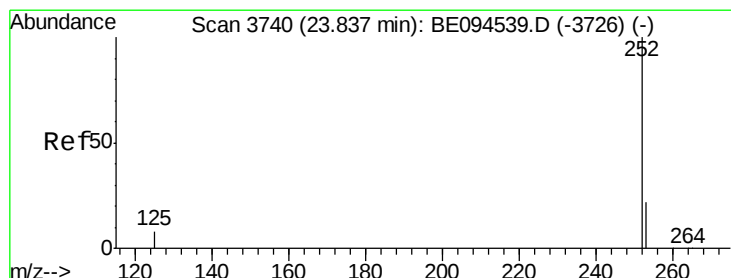
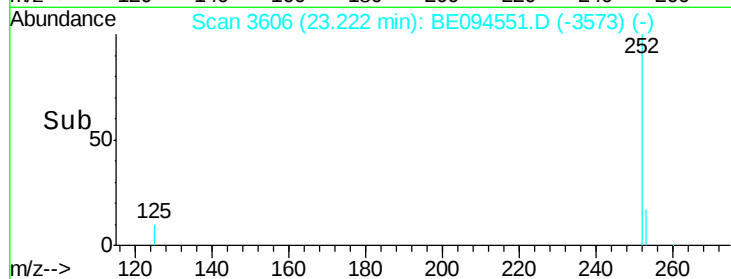
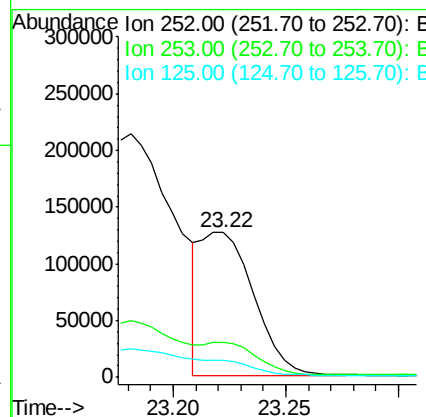
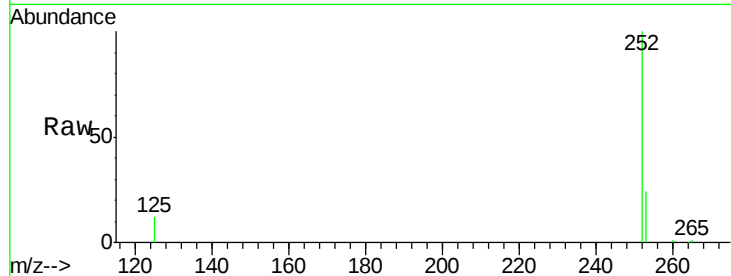
ClientSampleId :

B-4(0-1)-100617

Tgt Ion:	252	Resp:	208200
Ion Ratio		Lower	Upper
252	100		
253	24.2	24.5	36.7#
125	11.8	13.7	20.5#

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#23

Benzo(a)pyrene

Concen: 11.224 ng/ul

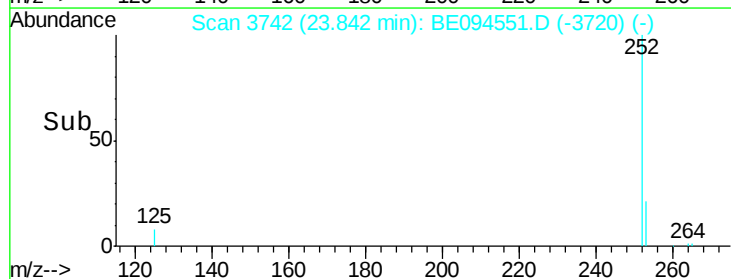
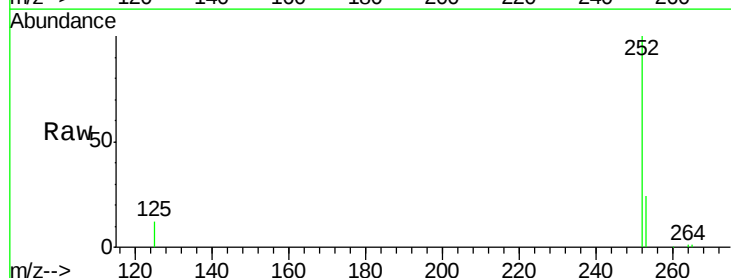
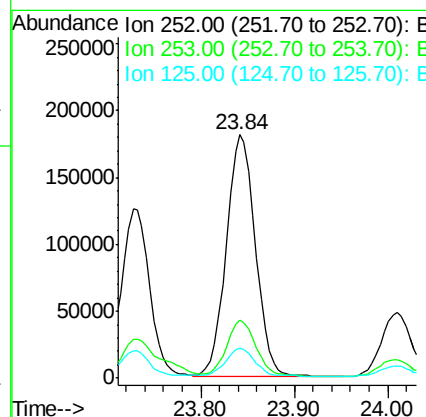
RT: 23.84 min Scan# 3742

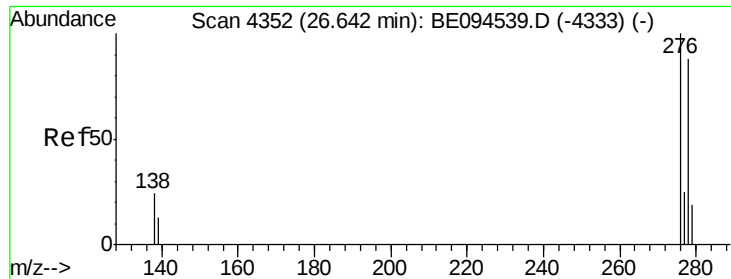
Delta R.T. 0.00 min

Lab File: BE094551.D

Acq: 26 Oct 2017 2:15

Tgt Ion:	252	Resp:	388181
Ion Ratio		Lower	Upper
252	100		
253	23.6	28.5	42.7#
125	12.1	18.1	27.1#





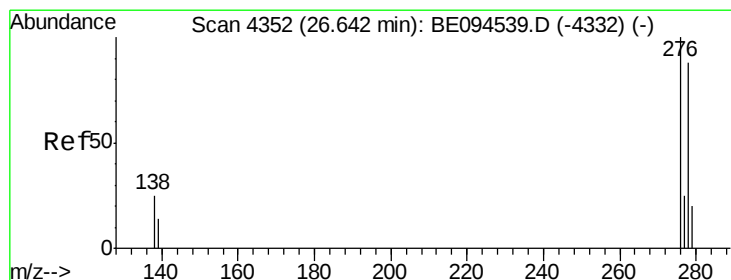
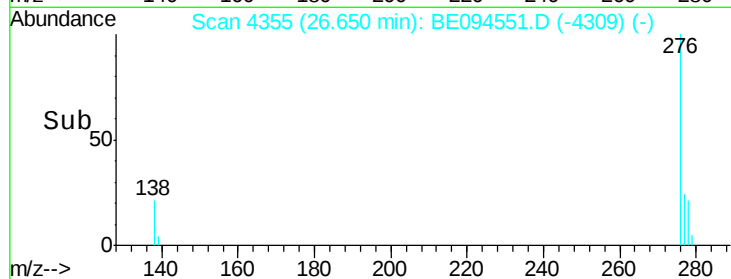
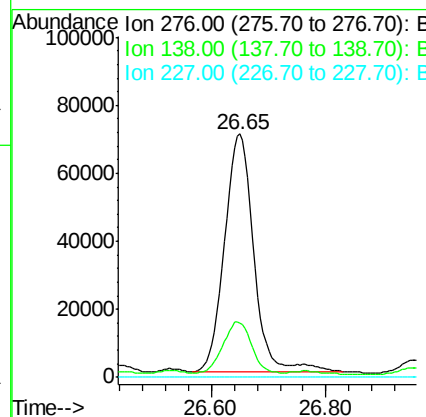
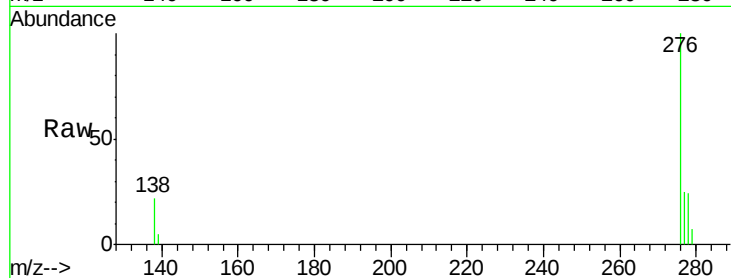
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 7.048 ng/ul
 RT: 26.65 min Scan# 4355
 Delta R.T. 0.01 min
 Lab File: BE094551.D
 Acq: 26 Oct 2017 2:15

Instrument :
 BNA_E
 ClientSampleId :
 B-4(0-1)-100617

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	21.2	28.0	42.0#
227	0.0	8.0	12.0#

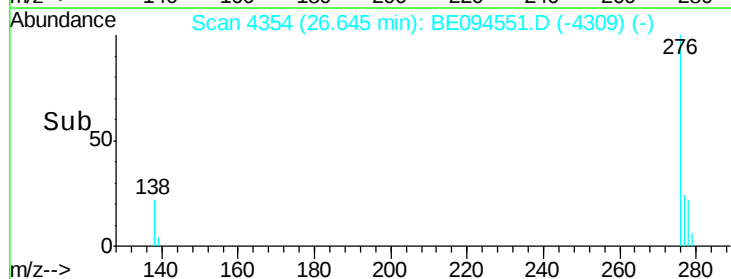
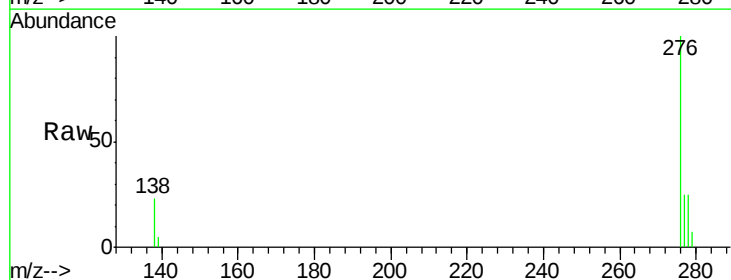
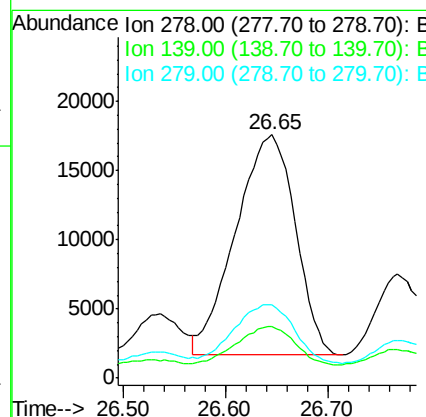
Manual Integrations
 APPROVED

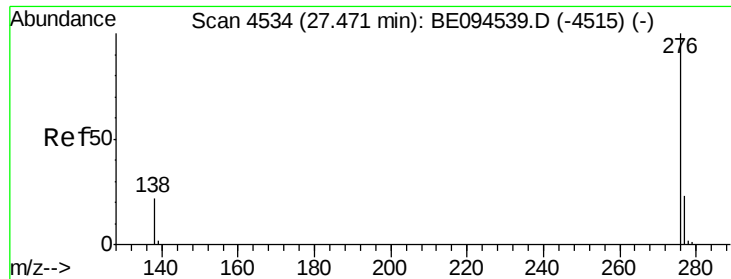
Sohil
 10/27/2017 8:56:39 AM



#25
 Dibenzo(a,h)anthracene
 Concen: 2.142 ng/ul
 RT: 26.65 min Scan# 4354
 Delta R.T. 0.00 min
 Lab File: BE094551.D
 Acq: 26 Oct 2017 2:15

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	21.0	17.4	26.0
279	30.1	25.9	38.9





#26

Benzo(g,h,i)perylene

Concen: 6.746 ng/ul

RT: 27.49 min Scan# 4539

Delta R.T. 0.01 min

Lab File: BE094551.D

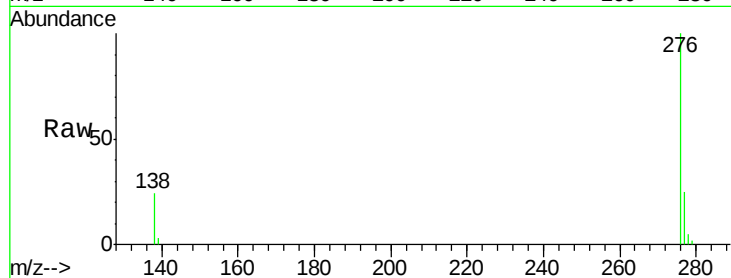
Acq: 26 Oct 2017 2:15

Instrument :

BNA_E

ClientSampleId :

B-4(0-1)-100617



Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.6	21.8	32.8
277	25.4	20.5	30.7

Manual Integrations
APPROVED

Sohil
10/27/2017 8:56:39 AM

