

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102517\
 Data File : BE094546.D
 Acq On : 25 Oct 2017 23:10
 Operator : SJ/JU
 Sample : I5783-01 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-28(1.5-2.75)-100917

Manual Integrations
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Sohil
 10/27/2017 8:56:30 AM

Quant Time: Oct 26 13:06:43 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	1411	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	7955	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	4642	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	10041	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	9978	0.40	ng/ul	0.00
20) Perylene-d12	23.96	264	10282	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	697	0.05	ng/ul	-0.02
14) Fluoranthene-d10	19.28	212	1319	0.04	ng/ul	0.00
Target Compounds					Qvalue	
3) Naphthalene	10.74	128	9417	0.484	ng/ul#	78
5) 2-Methylnaphthalene	12.35	142	13447	0.988	ng/ul	98
7) Acenaphthylene	14.24	152	29356	1.398	ng/ul	97
8) Acenaphthene	14.57	153	22347	1.481	ng/ul	94
9) Fluorene	15.57	166	42696	2.520	ng/ul	94
12) Phenanthrene	17.29	178	631006	23.792	ng/ul#	88
13) Anthracene	17.38	178	144584	5.524	ng/ul#	88
15) Fluoranthene	19.31	202	858728	28.006	ng/ul	84
17) Pyrene	19.67	202	848859	27.519	ng/ul#	82
18) Benzo(a)anthracene	21.41	228	433542	15.199	ng/ul#	87
19) Chrysene	21.46	228	423277	14.356	ng/ul	99
21) Benzo(b)fluoranthene	23.18	252	422085m	14.594	ng/ul	
22) Benzo(k)fluoranthene	23.22	252	140843m	4.544	ng/ul	
23) Benzo(a)pyrene	23.85	252	296508	10.256	ng/ul#	79
24) Indeno(1,2,3-cd)pyrene	26.65	276	173884	5.812	ng/ul#	76
25) Dibenzo(a,h)anthracene	26.65	278	50168	1.990	ng/ul	96
26) Benzo(g,h,i)perylene	27.48	276	137677	5.731	ng/ul	97

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

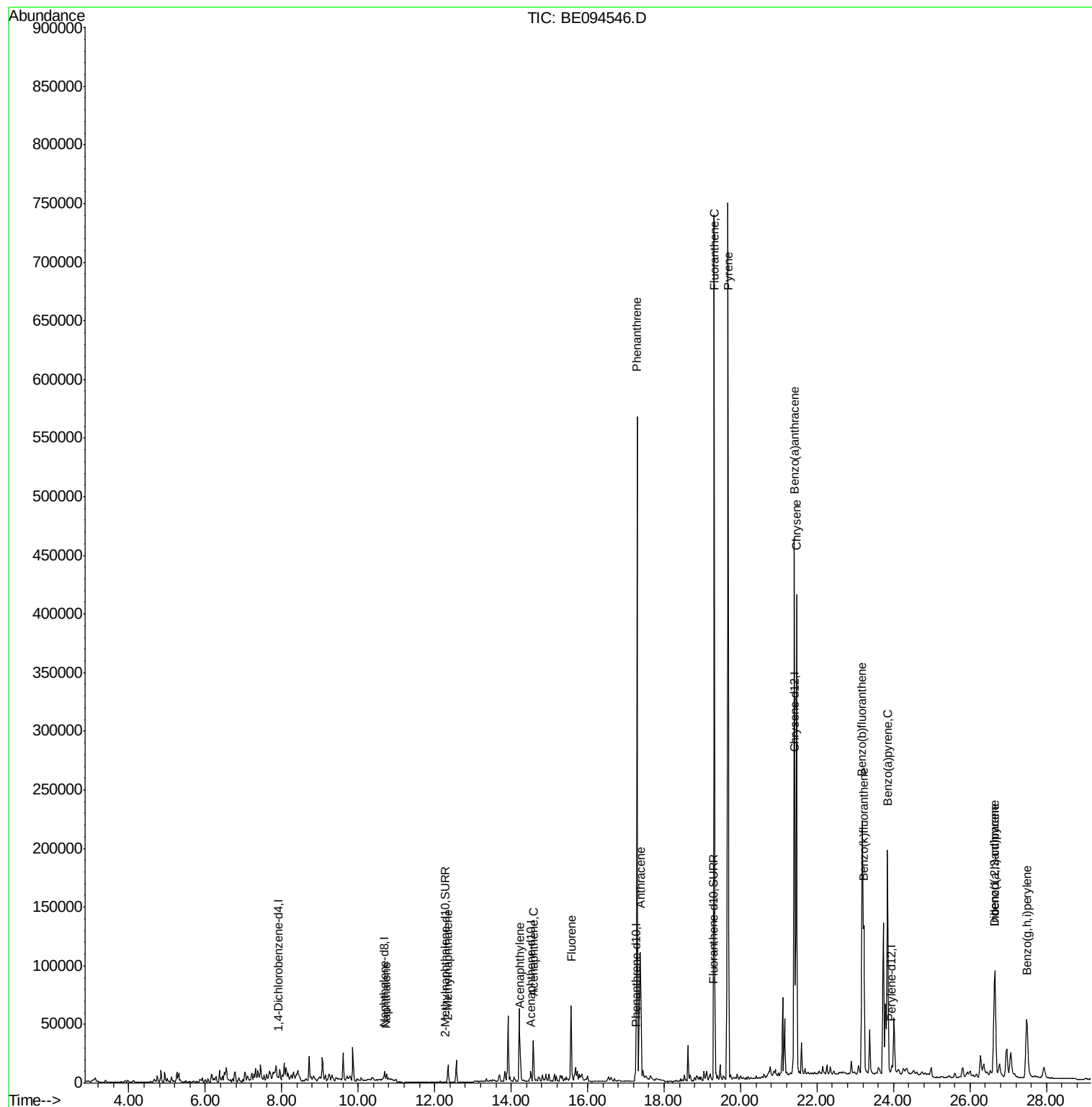
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102517\
Data File : BE094546.D
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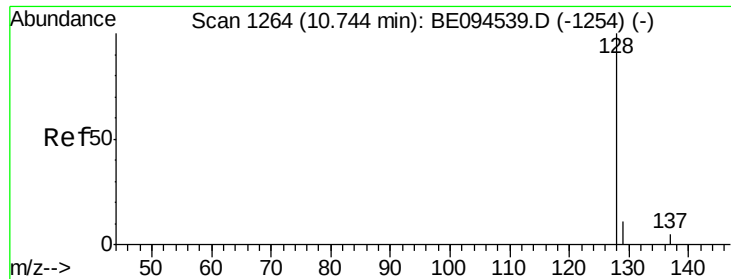
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#3

Naphthalene

Concen: 0.484 ng/ul

RT: 10.74 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BE094546.D

Acq: 25 Oct 2017 23:10

Instrument :

BNA_E

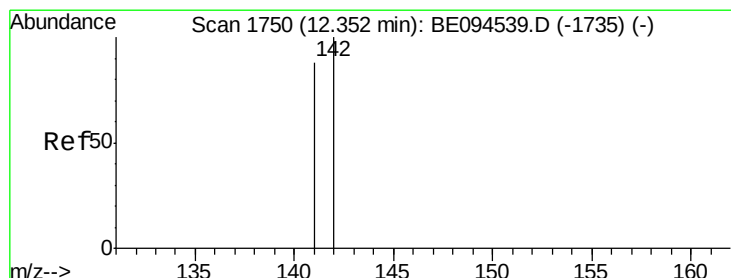
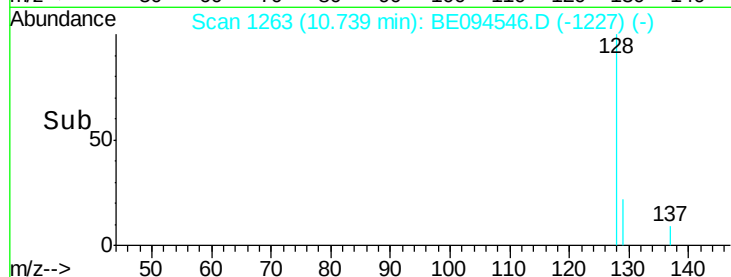
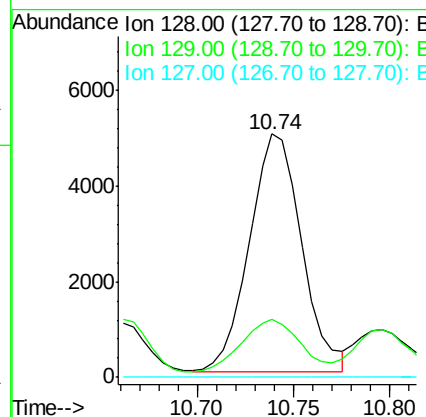
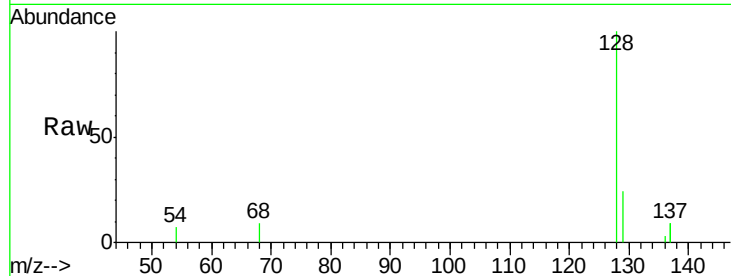
ClientSampleId :

B-28(1.5-2.75)-100917

Tgt Ion:	128	Resp:	9417
Ion Ratio	Lower	Upper	
128	100		
129	23.8	11.3	16.9#
127	0.0	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 0.988 ng/ul

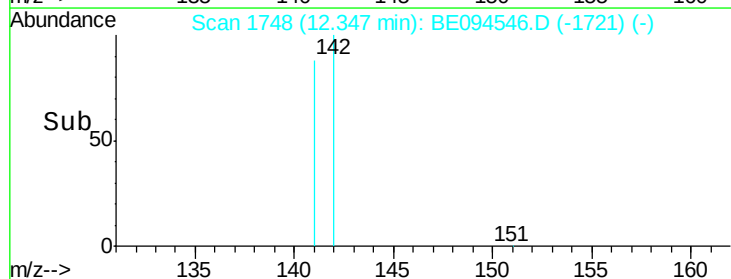
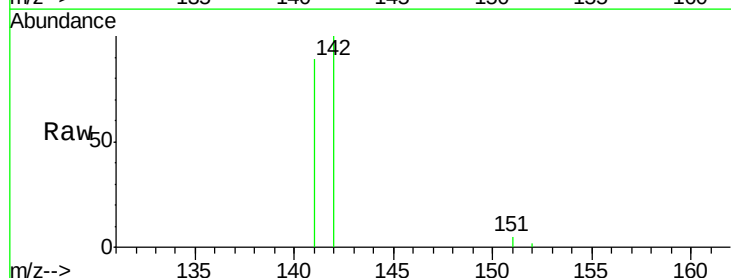
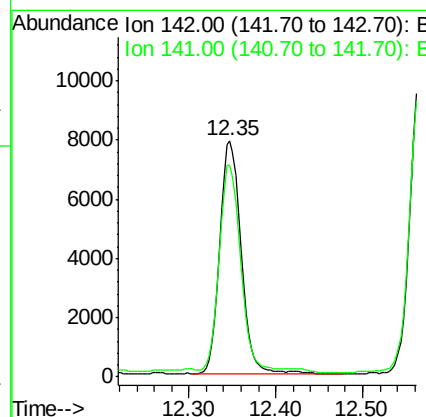
RT: 12.35 min Scan# 1748

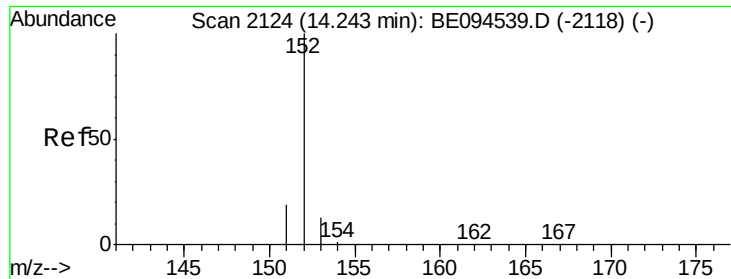
Delta R.T. -0.02 min

Lab File: BE094546.D

Acq: 25 Oct 2017 23:10

Tgt Ion:	142	Resp:	13447
Ion Ratio	Lower	Upper	
142	100		
141	92.3	72.6	108.8





#7

Acenaphthylene

Concen: 1.398 ng/ul

RT: 14.24 min Scan# 2124

Delta R.T. 0.00 min

Lab File: BE094546.D

Acq: 25 Oct 2017 23:10

Instrument :

BNA_E

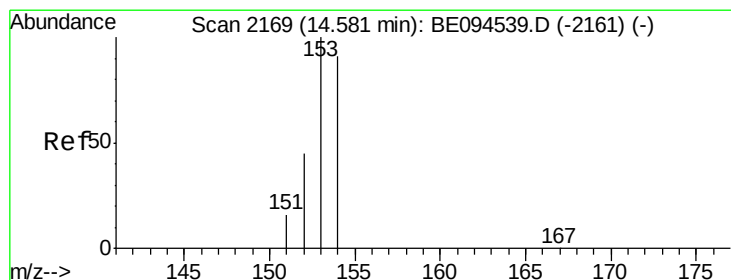
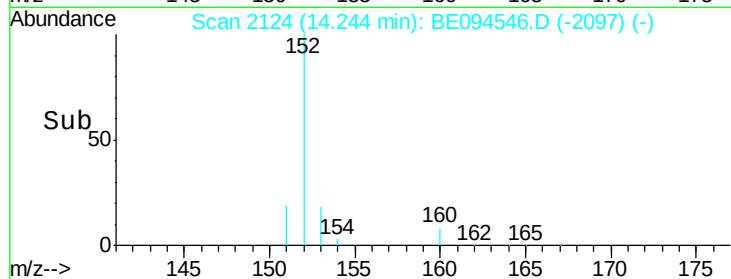
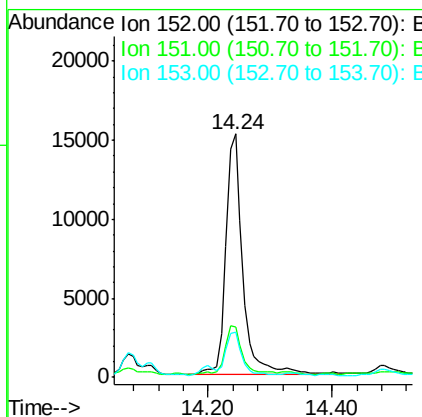
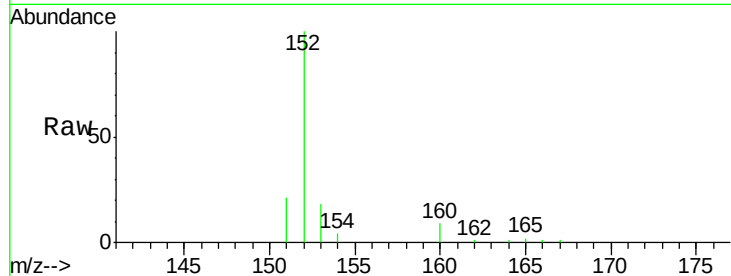
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B-28(1.5-2.75)-100917

Tgt Ion:	152	Resp:	29356
Ion Ratio	Lower	Upper	
152	100		
151	20.7	17.1	25.7
153	18.3	12.8	19.2

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#8

Acenaphthene

Concen: 1.481 ng/ul

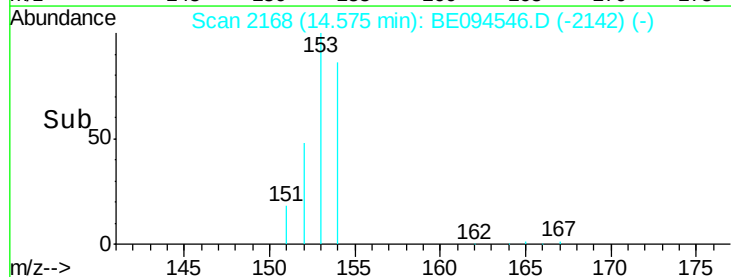
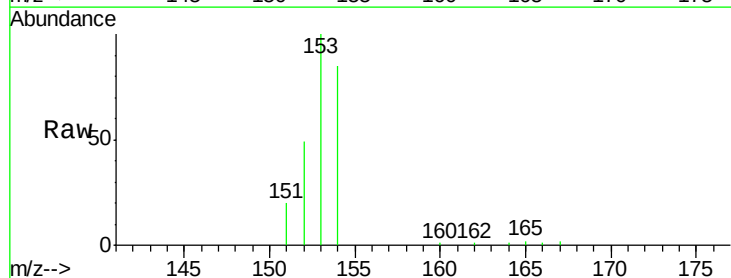
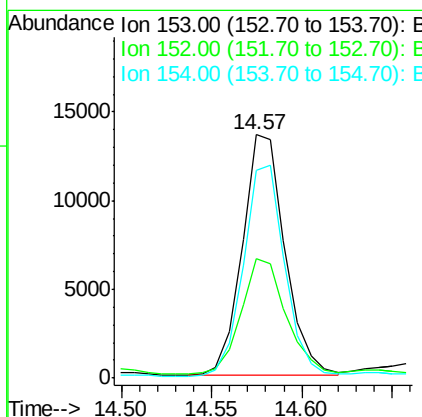
RT: 14.57 min Scan# 2168

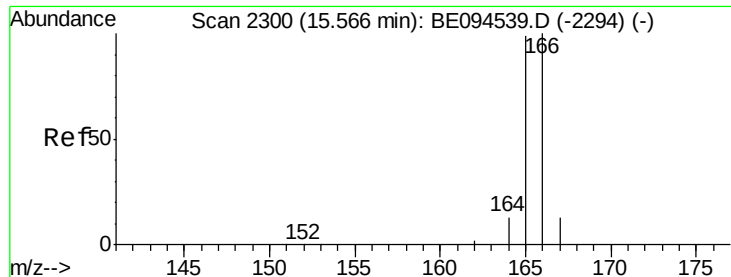
Delta R.T. -0.01 min

Lab File: BE094546.D

Acq: 25 Oct 2017 23:10

Tgt Ion:	153	Resp:	22347
Ion Ratio	Lower	Upper	
153	100		
152	49.3	36.0	54.0
154	85.3	72.0	108.0





#9

Fluorene

Concen: 2.520 ng/ul

RT: 15.57 min Scan# 2300

Delta R.T. -0.01 min

Lab File: BE094546.D

Acq: 25 Oct 2017 23:10

Instrument :

BNA_E

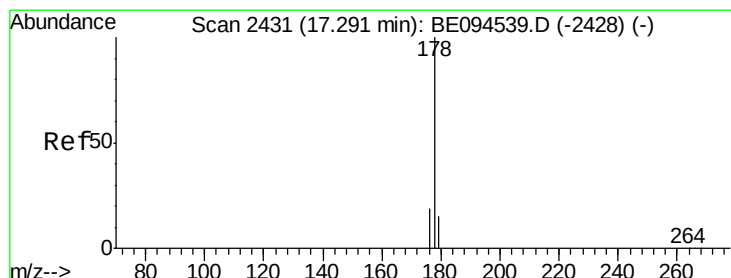
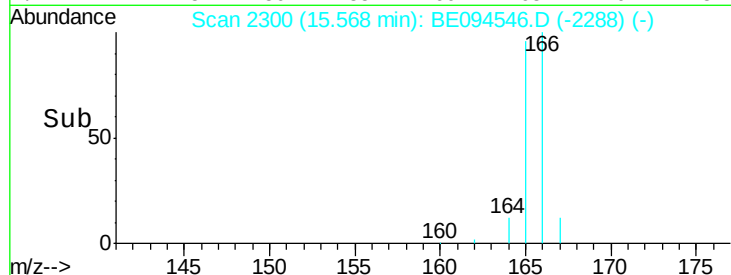
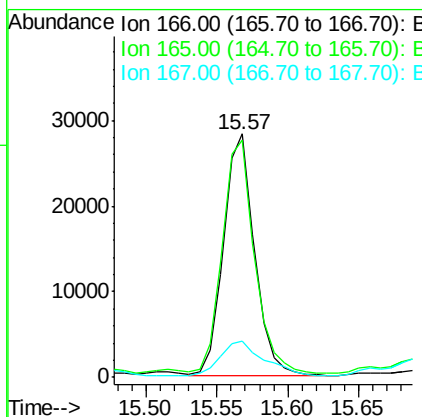
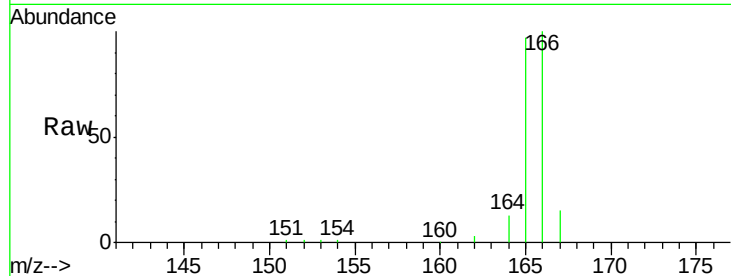
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B-28(1.5-2.75)-100917

Tgt Ion:	166	Resp:	42696
Ion	Ratio	Lower	Upper
166	100		
165	97.3	73.4	110.2
167	14.8	14.6	22.0

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#12

Phenanthrene

Concen: 23.792 ng/ul

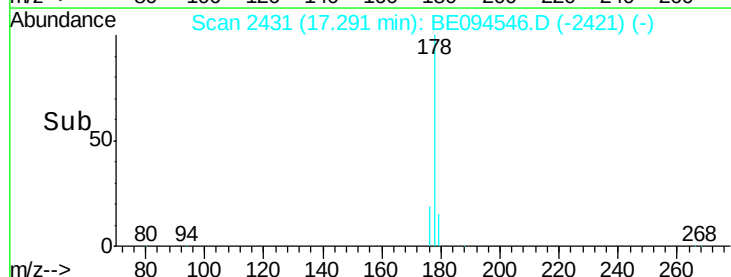
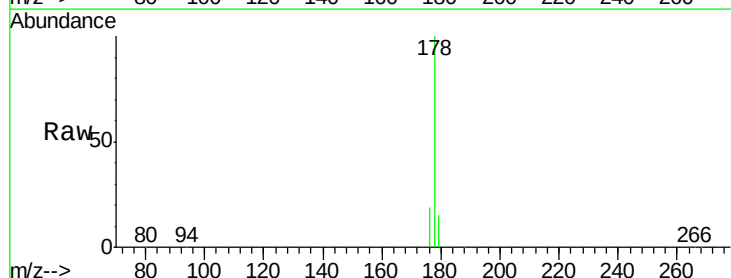
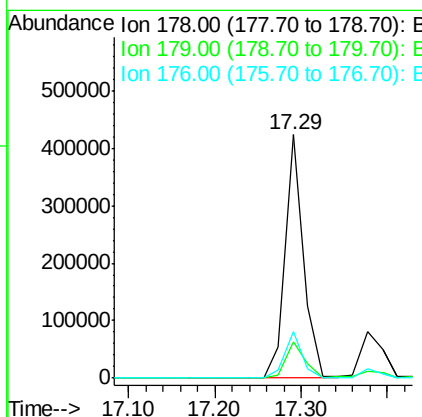
RT: 17.29 min Scan# 2431

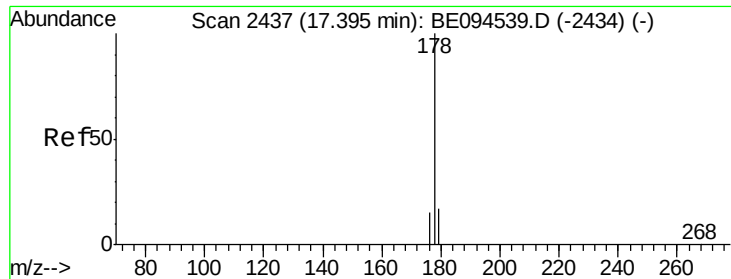
Delta R.T. -0.02 min

Lab File: BE094546.D

Acq: 25 Oct 2017 23:10

Tgt Ion:	178	Resp:	631006
Ion	Ratio	Lower	Upper
178	100		
179	14.7	18.4	27.6#
176	19.3	13.6	20.4





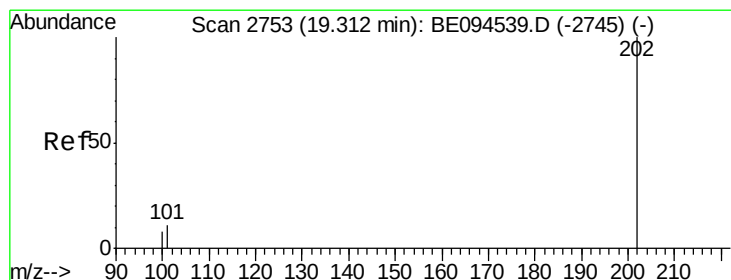
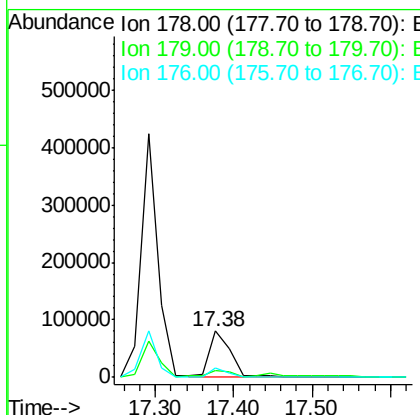
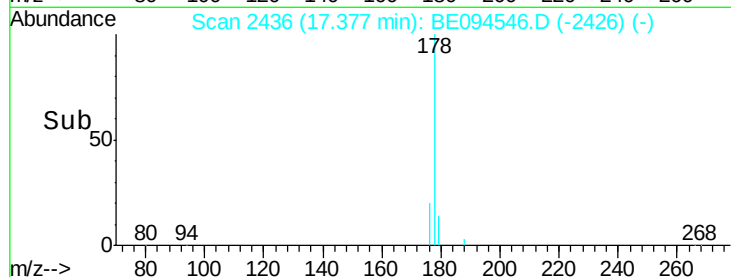
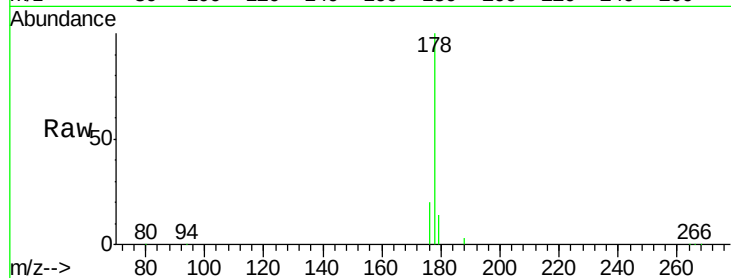
#13
 Anthracene
 Concen: 5.524 ng/ul
 RT: 17.38 min Scan# 2436
 Delta R.T. -0.02 min
 Lab File: BE094546.D
 Acq: 25 Oct 2017 23:10

Instrument :
 BNA_E
 ClientSampleId :
 B-28(1.5-2.75)-100917

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.2	18.1	27.1#
176	20.5	14.7	22.1

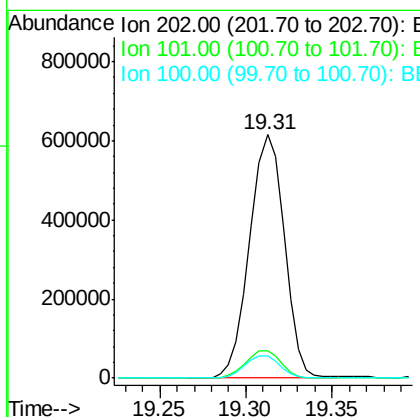
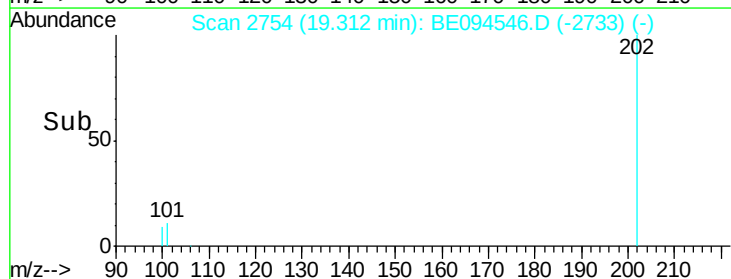
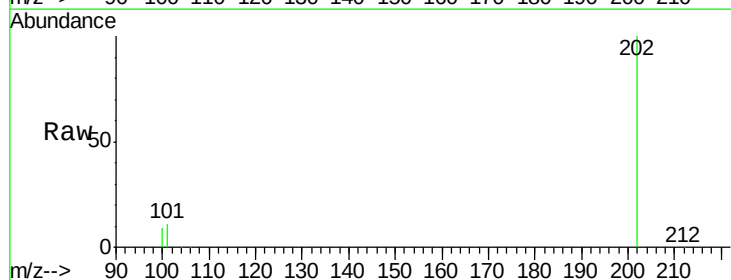
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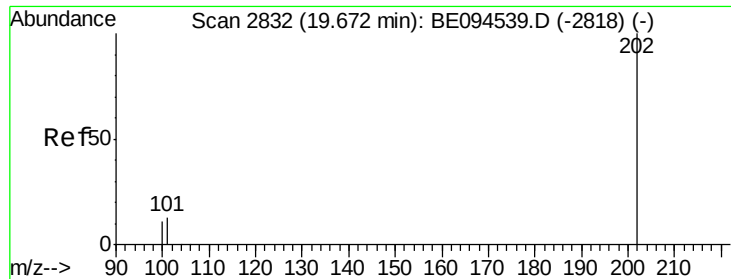
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#15
 Fluoranthene
 Concen: 28.006 ng/ul
 RT: 19.31 min Scan# 2754
 Delta R.T. -0.00 min
 Lab File: BE094546.D
 Acq: 25 Oct 2017 23:10

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	30.3
100	8.9	0.0	39.5





#17

Pyrene

Concen: 27.519 ng/ul

RT: 19.67 min Scan# 2833

Delta R.T. -0.00 min

Lab File: BE094546.D

Acq: 25 Oct 2017 23:10

Instrument :

BNA_E

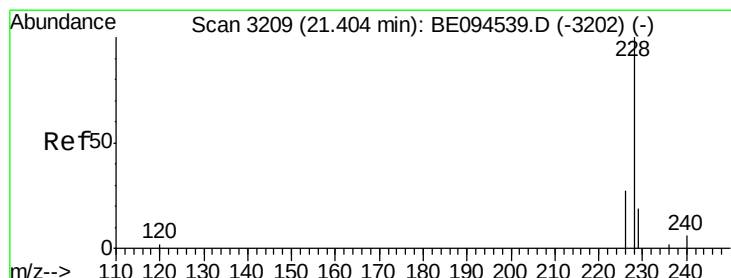
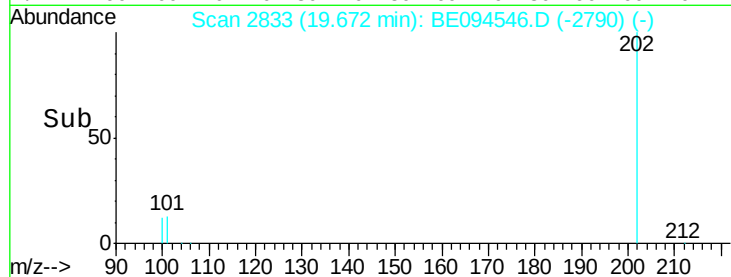
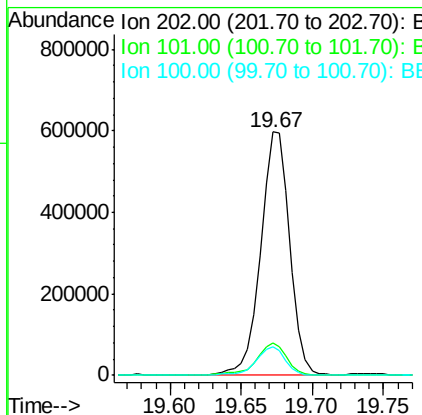
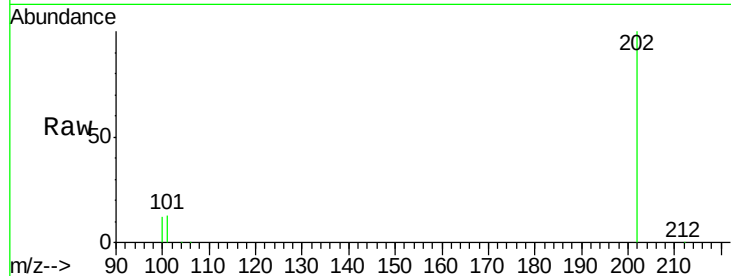
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B-28(1.5-2.75)-100917

Tgt Ion:	202	Resp:	848859
Ion Ratio	Lower	Upper	
202	100		
101	13.4	18.2	27.4#
100	11.8	15.6	23.4#

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#18

Benzo(a)anthracene

Concen: 15.199 ng/ul

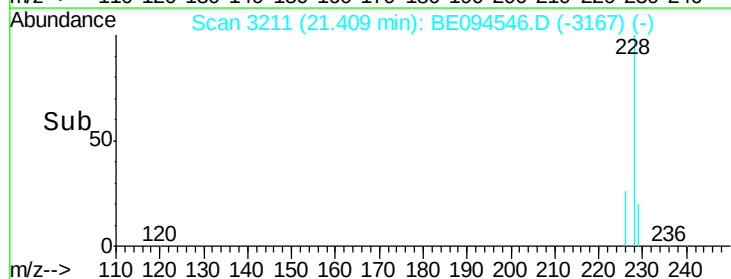
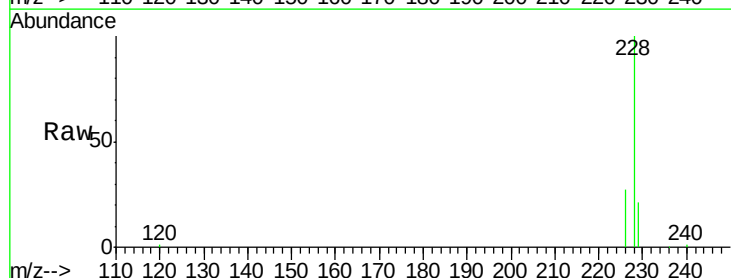
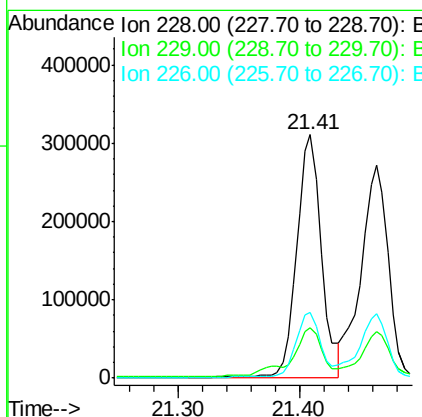
RT: 21.41 min Scan# 3211

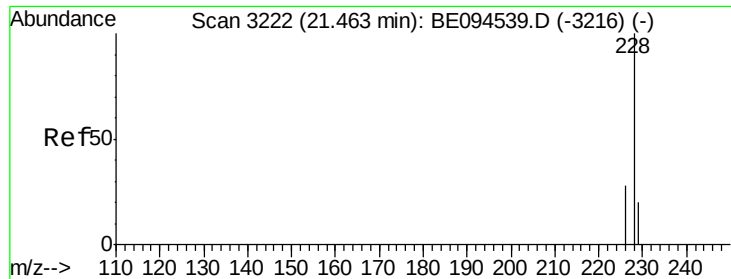
Delta R.T. -0.00 min

Lab File: BE094546.D

Acq: 25 Oct 2017 23:10

Tgt Ion:	228	Resp:	433542
Ion Ratio	Lower	Upper	
228	100		
229	20.9	22.8	34.2#
226	26.9	17.0	25.6#





#19

Chrysene

Concen: 14.356 ng/ul

RT: 21.46 min Scan# 3223

Delta R.T. -0.00 min

Lab File: BE094546.D

Acq: 25 Oct 2017 23:10

Instrument :

BNA_E

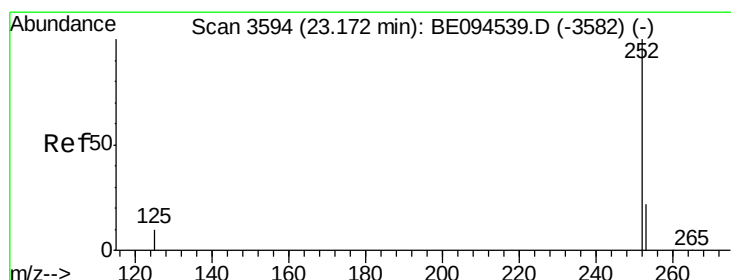
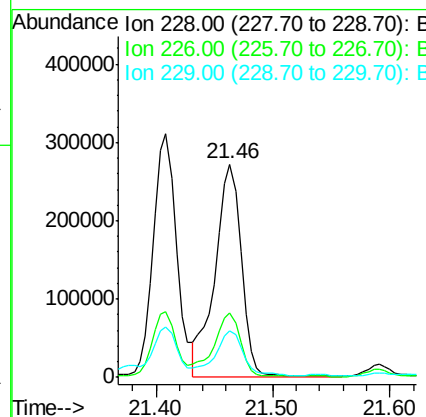
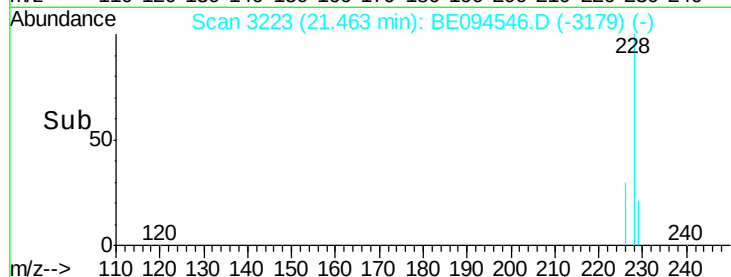
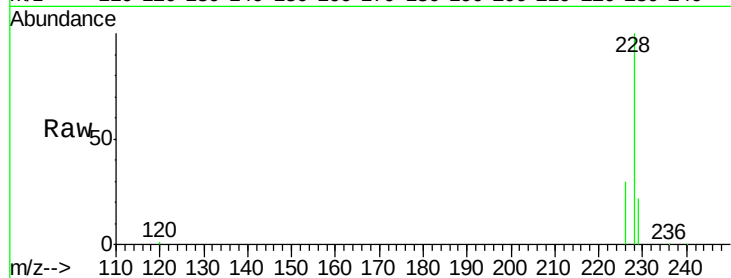
ClientSampleId :

B-28(1.5-2.75)-100917

Tgt Ion:	228	Resp:	423277
Ion Ratio		Lower	Upper
228	100		
226	29.9	23.4	35.0
229	21.8	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 14.594 ng/ul m

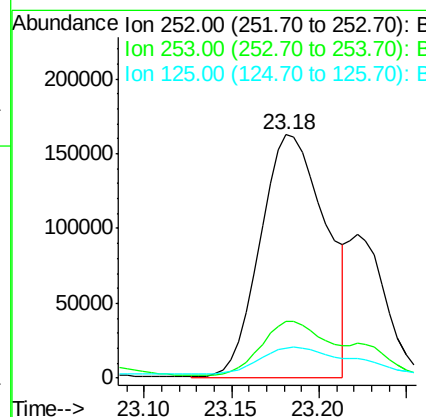
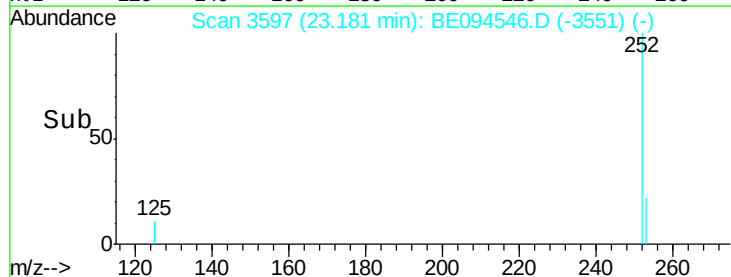
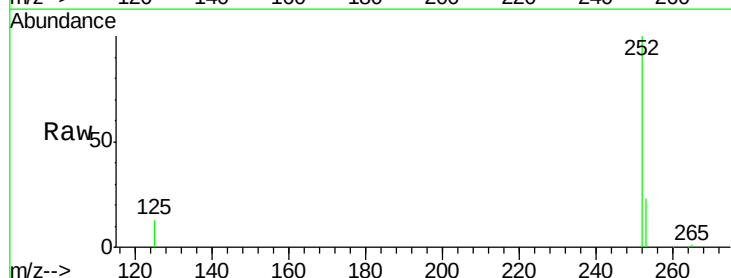
RT: 23.18 min Scan# 3597

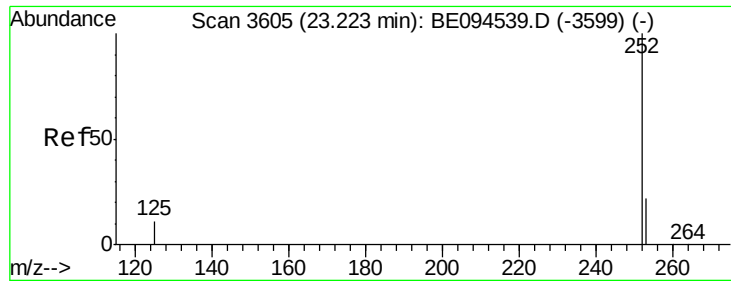
Delta R.T. 0.01 min

Lab File: BE094546.D

Acq: 25 Oct 2017 23:10

Tgt Ion:	252	Resp:	422085
Ion Ratio		Lower	Upper
252	100		
253	23.3	0.0	64.2
125	12.5	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 4.544 ng/ul m

RT: 23.22 min Scan# 3606

Delta R.T. 0.00 min

Lab File: BE094546.D

Acq: 25 Oct 2017 23:10

Instrument :

BNA_E

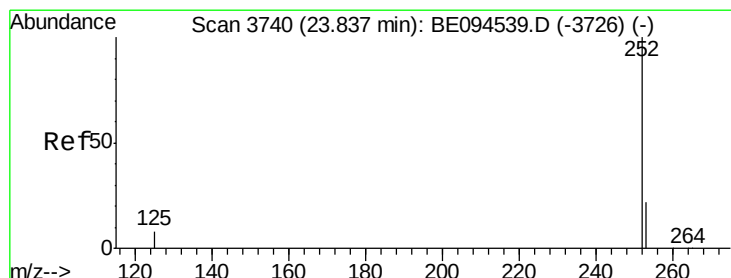
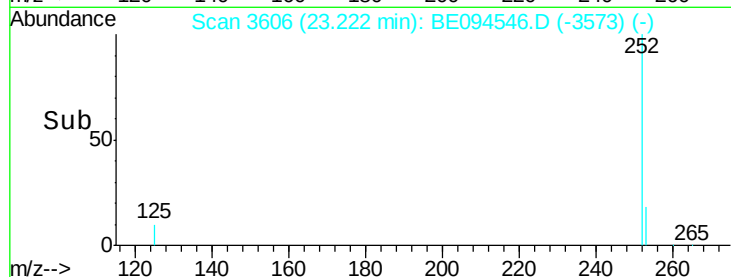
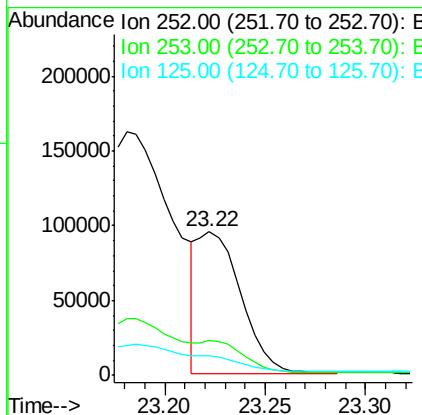
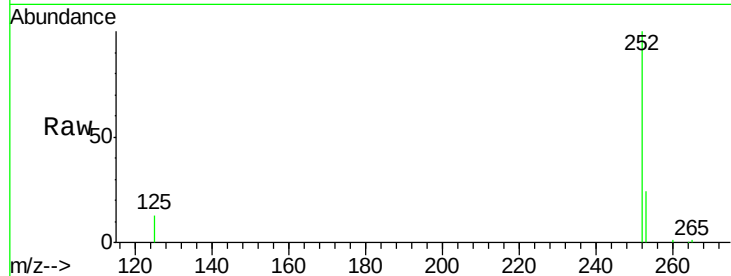
ClientSampleId :

B-28(1.5-2.75)-100917

Tgt Ion:	252	Resp:	140843
Ion Ratio		Lower	Upper
252	100		
253	24.1	24.5	36.7#
125	13.4	13.7	20.5#

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#23

Benzo(a)pyrene

Concen: 10.256 ng/ul

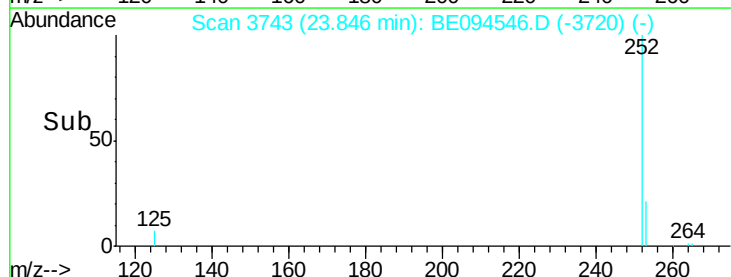
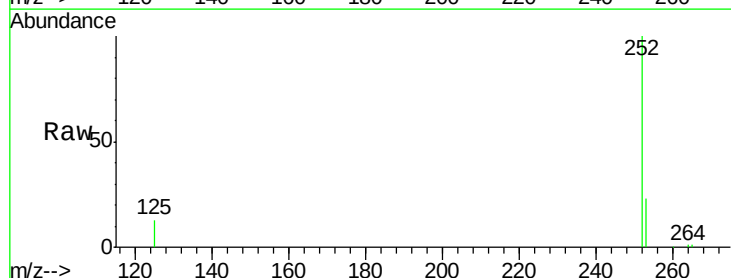
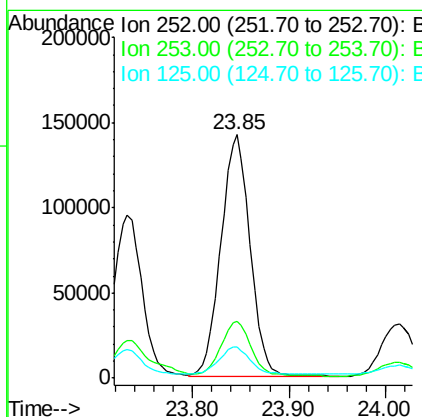
RT: 23.85 min Scan# 3743

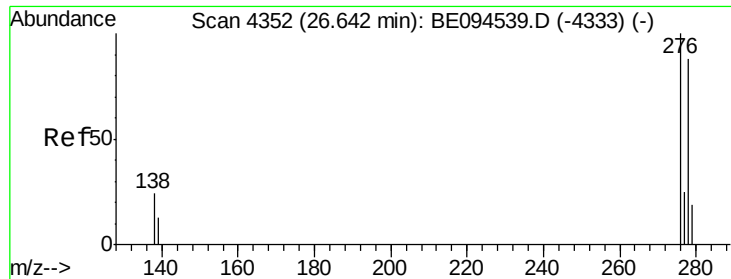
Delta R.T. 0.00 min

Lab File: BE094546.D

Acq: 25 Oct 2017 23:10

Tgt Ion:	252	Resp:	296508
Ion Ratio		Lower	Upper
252	100		
253	23.5	28.5	42.7#
125	12.7	18.1	27.1#





#24

Indeno(1,2,3-cd)pyrene

Concen: 5.812 ng/ul

RT: 26.65 min Scan# 4355

Delta R.T. 0.01 min

Lab File: BE094546.D

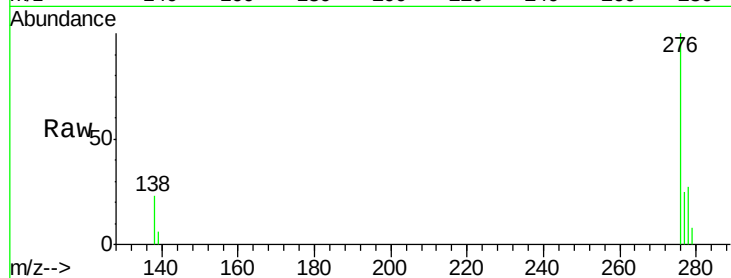
Acq: 25 Oct 2017 23:10

Instrument :

BNA_E

ClientSampleId :

B-28(1.5-2.75)-100917



Tgt Ion: 276 Resp: 173884

Ion Ratio Lower Upper

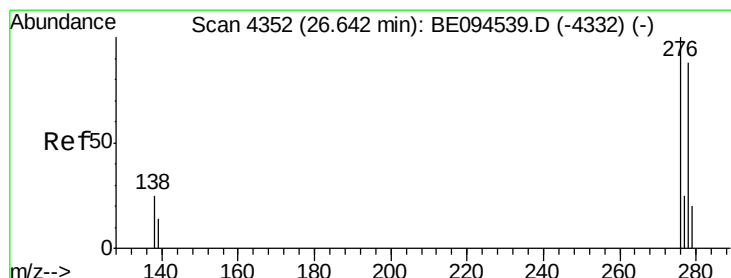
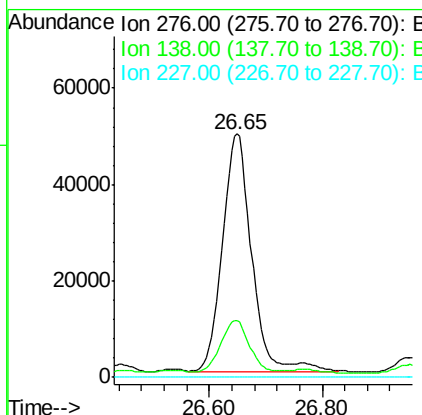
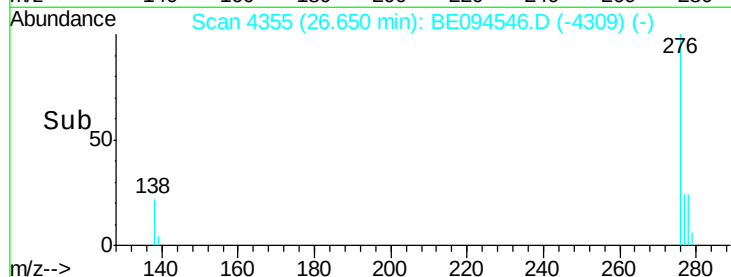
276 100

138 21.6 28.0 42.0#

227 0.0 8.0 12.0#

Manual Integrations
APPROVED

Sohil
10/27/2017 8:56:30 AM



#25

Dibenzo(a,h)anthracene

Concen: 1.990 ng/ul

RT: 26.65 min Scan# 4354

Delta R.T. 0.00 min

Lab File: BE094546.D

Acq: 25 Oct 2017 23:10

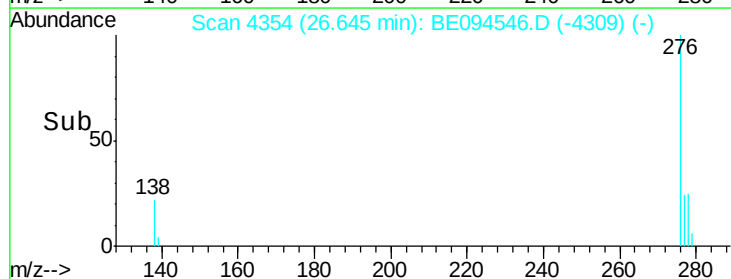
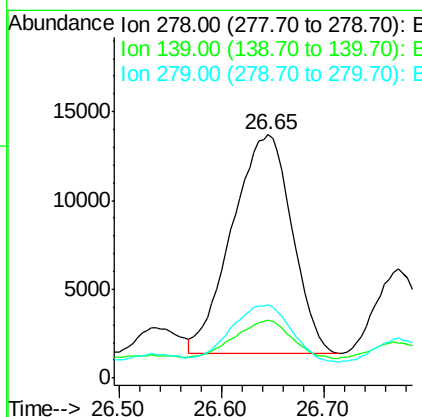
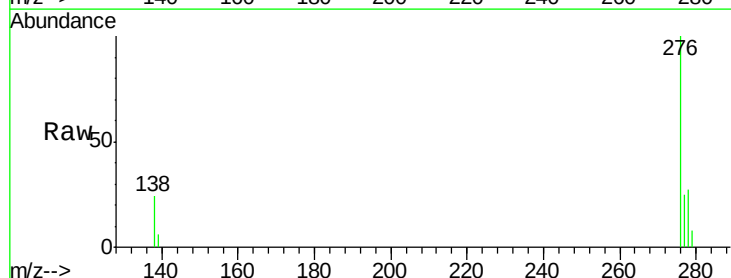
Tgt Ion: 278 Resp: 50168

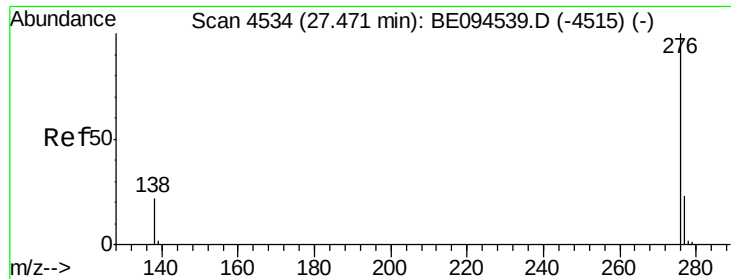
Ion Ratio Lower Upper

278 100

139 23.6 17.4 26.0

279 30.0 25.9 38.9





#26

Benzo(g,h,i)perylene

Concen: 5.731 ng/ul

RT: 27.48 min Scan# 4538

Delta R.T. 0.00 min

Lab File: BE094546.D

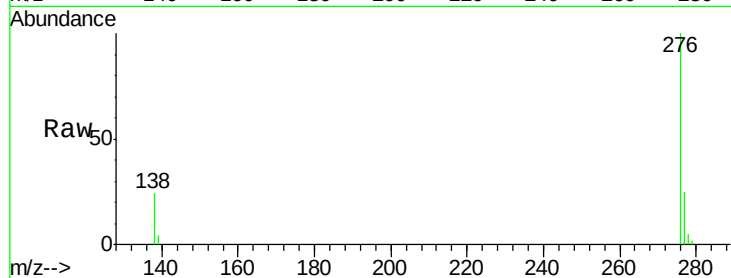
Acq: 25 Oct 2017 23:10

Instrument :

BNA_E

ClientSampleId :

B-28(1.5-2.75)-100917



Tgt	Ion	276	Resp:	137677
Ion	Ratio	Lower	Upper	
276	100			
138	24.3	21.8	32.8	
277	25.5	20.5	30.7	

Manual Integrations
APPROVED

Sohil
10/27/2017 8:56:30 AM

