

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE110617\
 Data File : BE094764.D
 Acq On : 6 Nov 2017 21:38
 Operator : SJ/JU
 Sample : I6096-05MSD 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-52(0-1)-102317MSD

Manual Integrations
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 11/7/2017 5:41:58 PM

Quant Time: Nov 07 11:42:26 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 07 01:37:48 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1440	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.69	136	8099	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.51	164	4479	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	10347	0.40	ng/ul	-0.02
16) Chrysene-d12	21.43	240	9623	0.40	ng/ul	0.00
20) Perylene-d12	23.98	264	9740	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	359m	0.03	ng/ul	-0.02
14) Fluoranthene-d10	19.29	212	982m	0.03	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.74	128	35160	1.776	ng/ul#	93
5) 2-Methylnaphthalene	12.35	142	5519	0.398	ng/ul	99
7) Acenaphthylene	14.24	152	940	0.046	ng/ul#	67
8) Acenaphthene	14.57	153	1839	0.126	ng/ul	92
9) Fluorene	15.57	166	2900	0.177	ng/ul	94
12) Phenanthrene	17.29	178	48416	1.772	ng/ul#	84
13) Anthracene	17.39	178	4355	0.161	ng/ul#	25
15) Fluoranthene	19.31	202	51789	1.639	ng/ul#	34
17) Pyrene	19.68	202	48342	1.625	ng/ul#	85
18) Benzo(a)anthracene	21.42	228	28393	1.032	ng/ul#	87
19) Chrysene	21.47	228	35095	1.234	ng/ul#	82
21) Benzo(b)fluoranthene	23.20	252	36862m	1.345	ng/ul	
22) Benzo(k)fluoranthene	23.24	252	11796m	0.402	ng/ul	
23) Benzo(a)pyrene	23.87	252	19763	0.722	ng/ul#	78
24) Indeno(1,2,3-cd)pyrene	26.70	276	12691	0.448	ng/ul#	73
25) Dibenzo(a,h)anthracene	26.69	278	3297	0.138	ng/ul#	1
26) Benzo(g,h,i)perylene	27.55	276	11694	0.514	ng/ul#	59

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

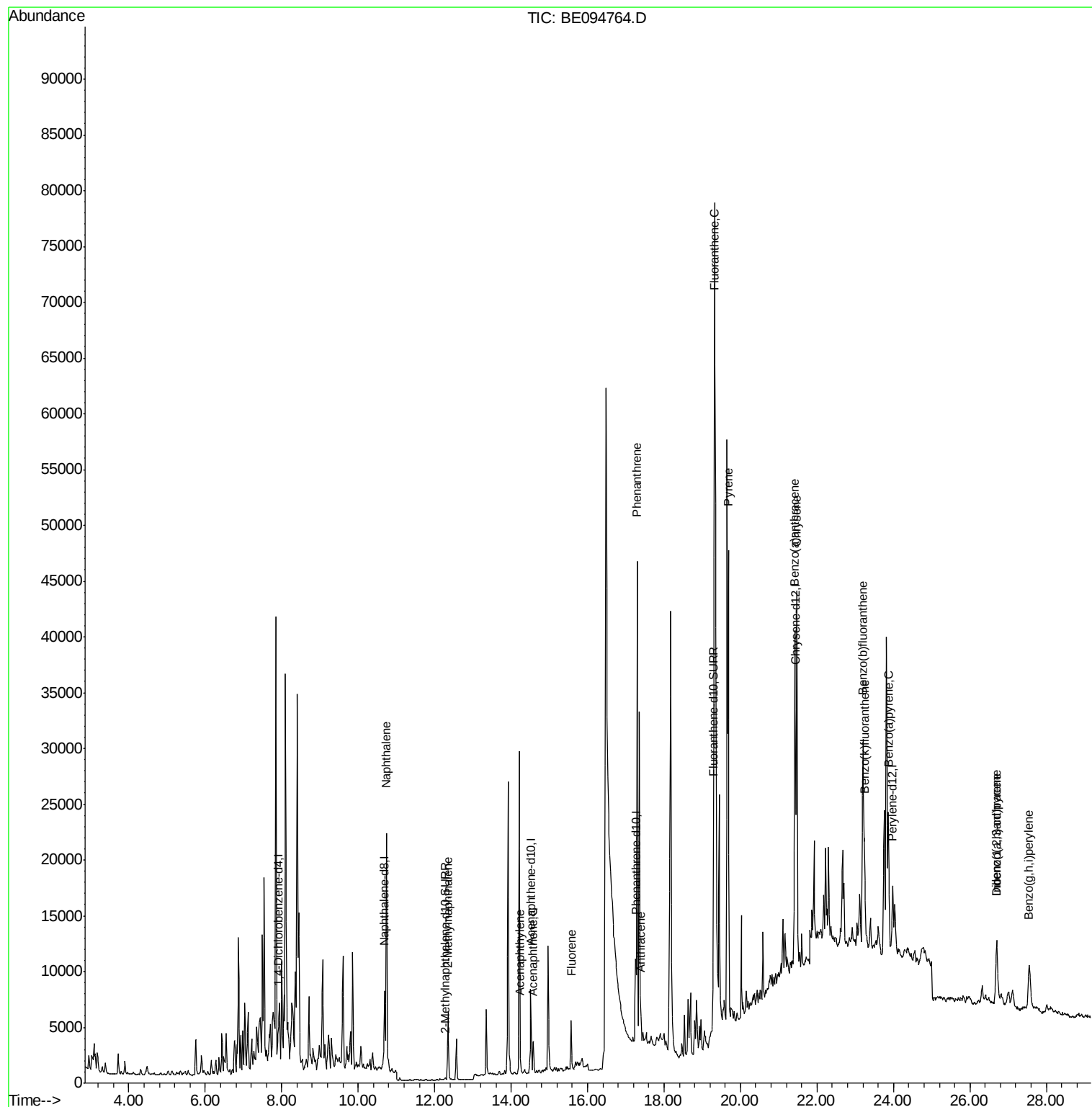
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE110617\
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Sample : I6096-05MSD 5X
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ALS Vial : 18 Sample Multiplier: 1

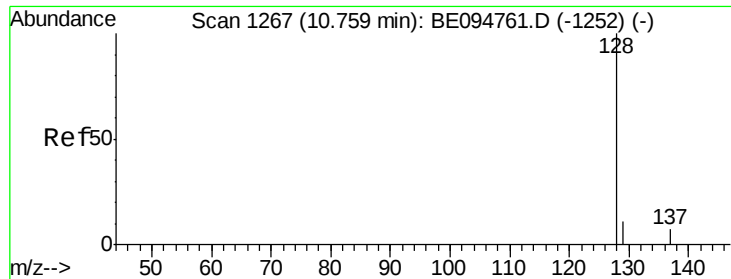
Instrument :
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#3

Naphthalene

Concen: 1.776 ng/ul

RT: 10.74 min Scan# 1263

Delta R.T. -0.02 min

Lab File: BE094764.D

Acq: 6 Nov 2017 21:38

Instrument :

BNA_E

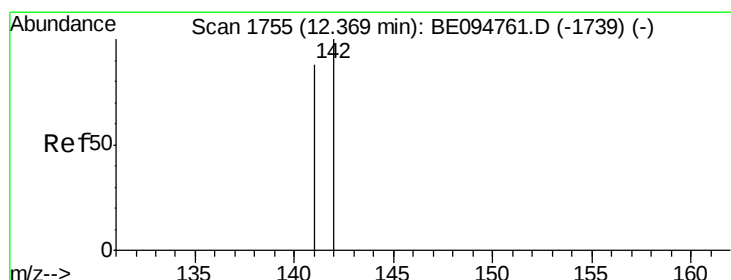
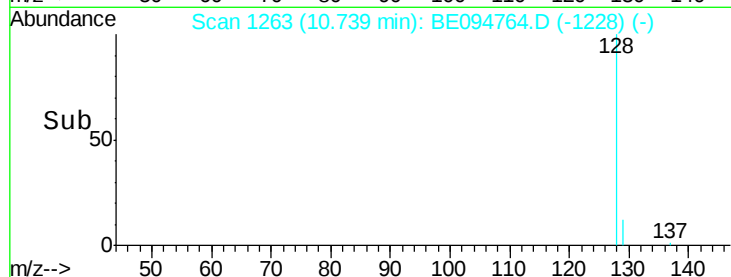
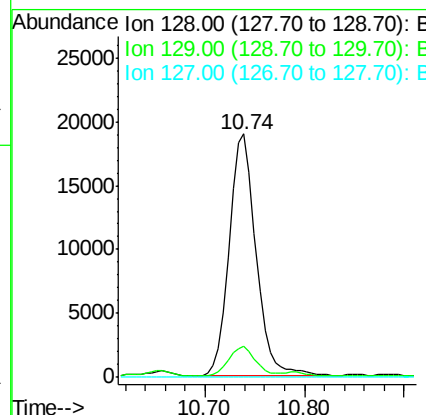
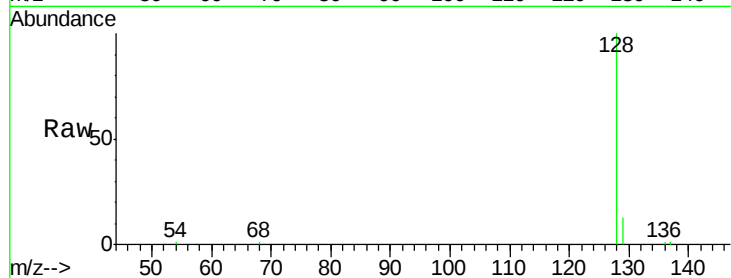
ClientSampleId :

B-52(0-1)-102317MSD

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.6	11.3	16.9
127	0.0	4.0	6.0

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#5

2-Methylnaphthalene

Concen: 0.398 ng/ul

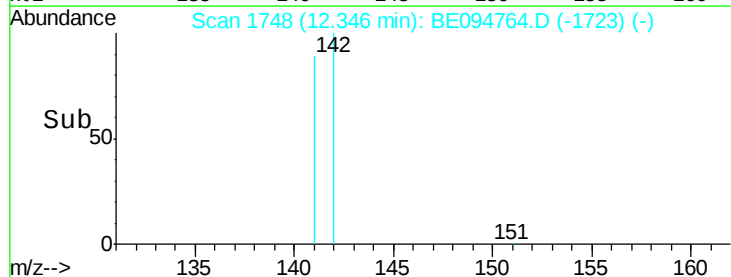
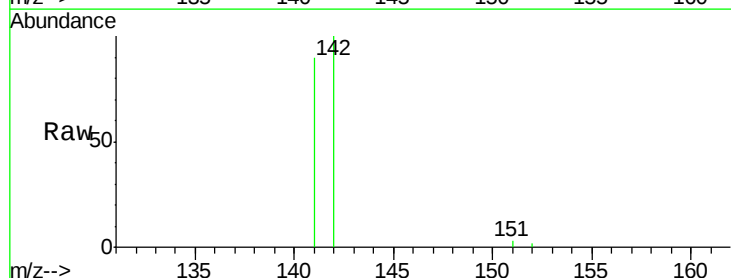
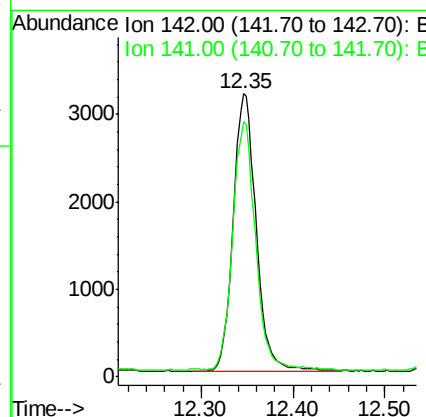
RT: 12.35 min Scan# 1748

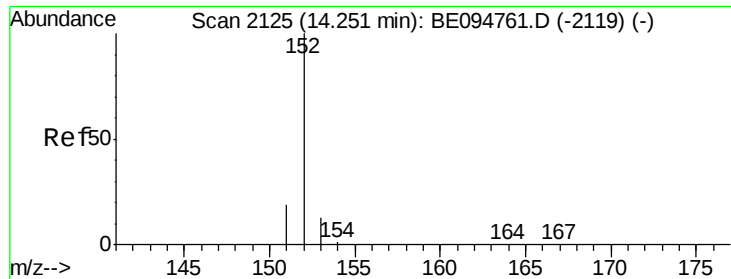
Delta R.T. -0.02 min

Lab File: BE094764.D

Acq: 6 Nov 2017 21:38

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.4	72.6	108.8





#7

Acenaphthylene

Concen: 0.046 ng/ul

RT: 14.24 min Scan# 2124

Delta R.T. -0.01 min

Lab File: BE094764.D

Acq: 6 Nov 2017 21:38

Instrument :

BNA_E

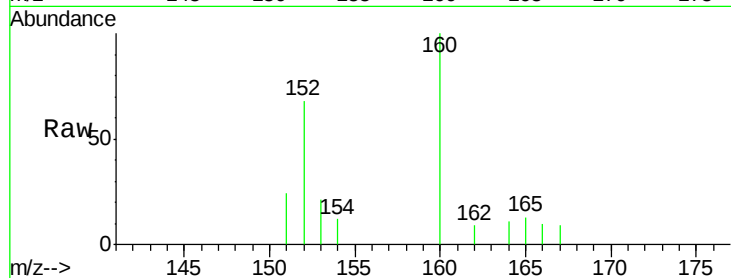
ClientSampleId :

B-52(0-1)-102317MSD

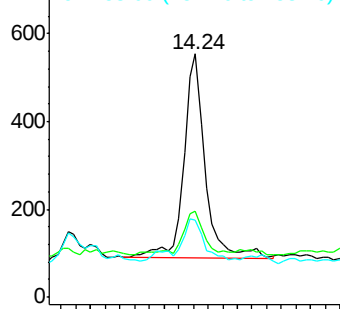
Tgt Ion:	152	Resp:	940
Ion Ratio	Lower	Upper	
152	100		
151	35.4	17.1	25.7#
153	31.6	12.8	19.2#

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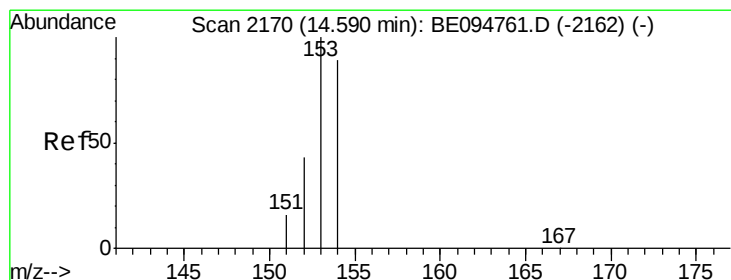
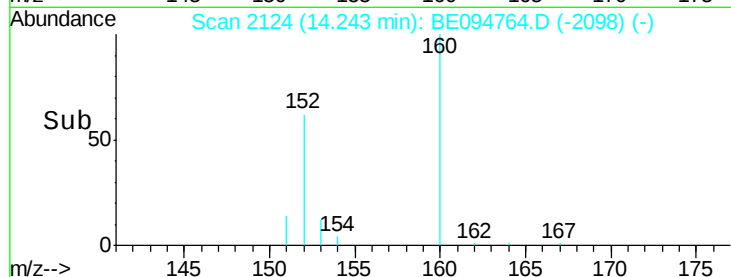
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



Time-->



#8

Acenaphthene

Concen: 0.126 ng/ul

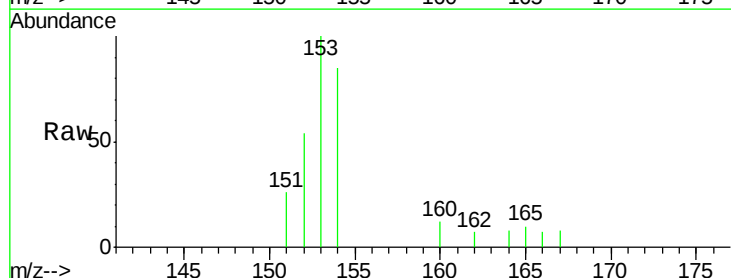
RT: 14.57 min Scan# 2168

Delta R.T. -0.02 min

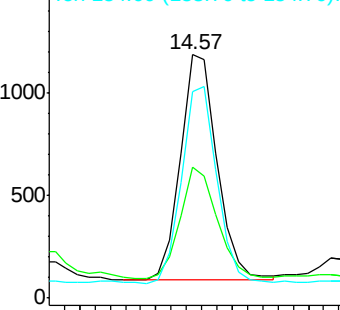
Lab File: BE094764.D

Acq: 6 Nov 2017 21:38

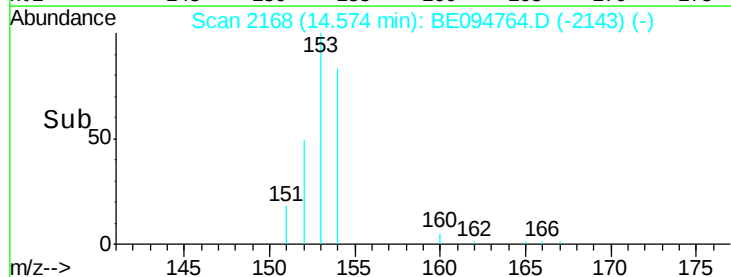
Tgt Ion:	153	Resp:	1839
Ion Ratio	Lower	Upper	
153	100		
152	53.9	36.0	54.0
154	84.7	72.0	108.0

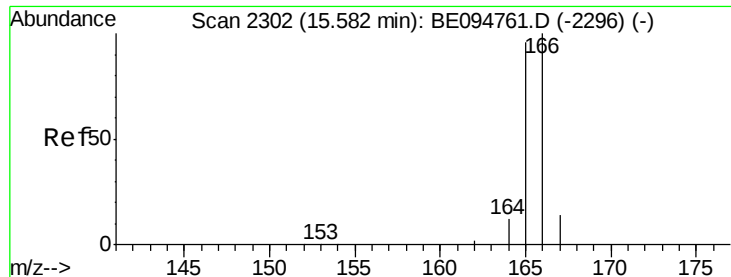


Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



Time-->





#9

Fluorene

Concen: 0.177 ng/ul

RT: 15.57 min Scan# 2300

Delta R.T. -0.02 min

Lab File: BE094764.D

Acq: 6 Nov 2017 21:38

Instrument :

BNA_E

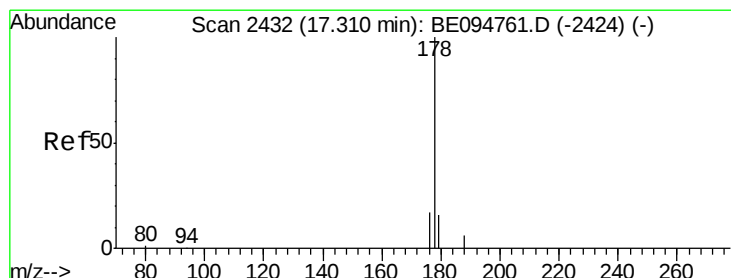
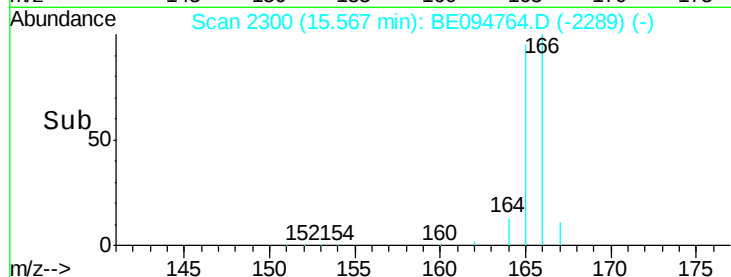
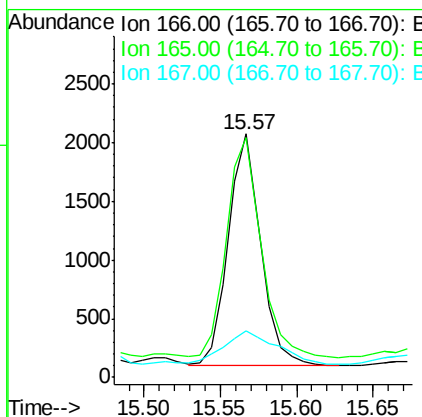
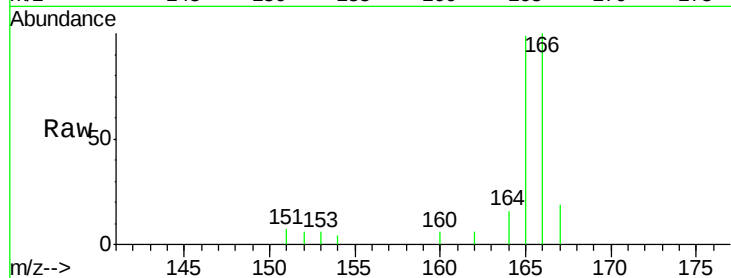
ClientSampleId :

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Tgt Ion:	166	Resp:	2900
Ion Ratio	Lower	Upper	
166	100		
165	98.5	73.4	110.2
167	18.9	14.6	22.0

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#12

Phenanthrene

Concen: 1.772 ng/ul

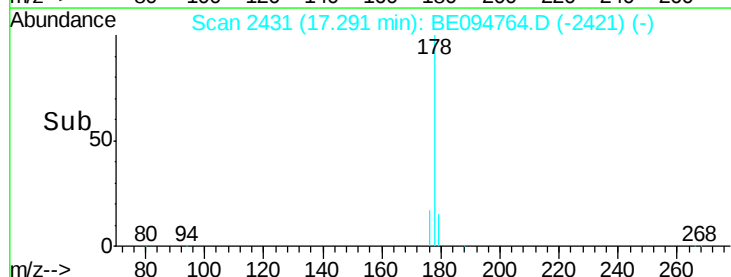
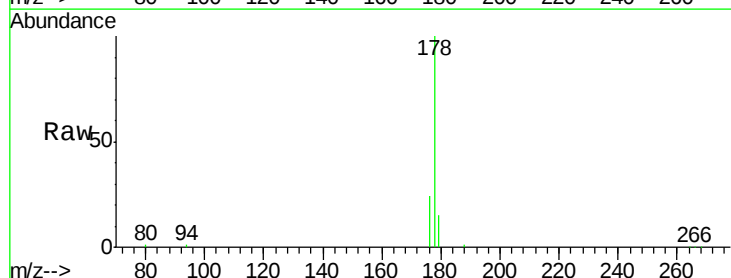
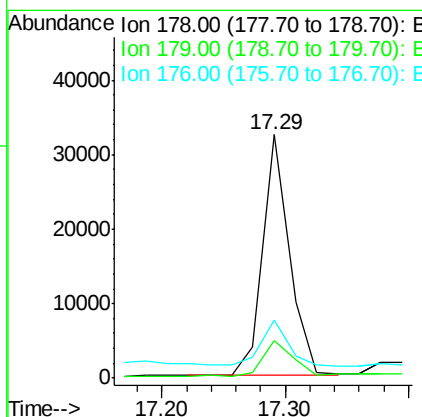
RT: 17.29 min Scan# 2431

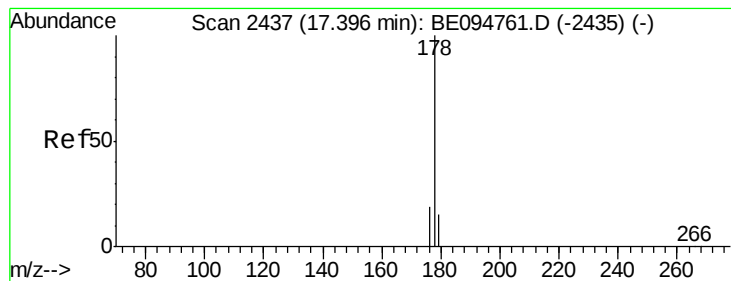
Delta R.T. -0.02 min

Lab File: BE094764.D

Acq: 6 Nov 2017 21:38

Tgt Ion:	178	Resp:	48416
Ion Ratio	Lower	Upper	
178	100		
179	15.5	18.4	27.6#
176	23.8	13.6	20.4#





#13

Anthracene

Concen: 0.161 ng/ul

RT: 17.39 min Scan# 2437

Delta R.T. -0.00 min

Lab File: BE094764.D

Acq: 6 Nov 2017 21:38

Instrument :

BNA_E

ClientSampleId :

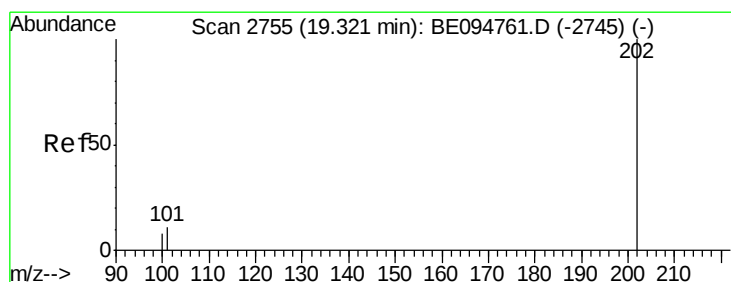
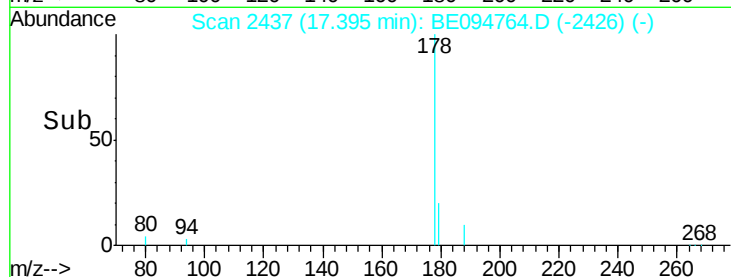
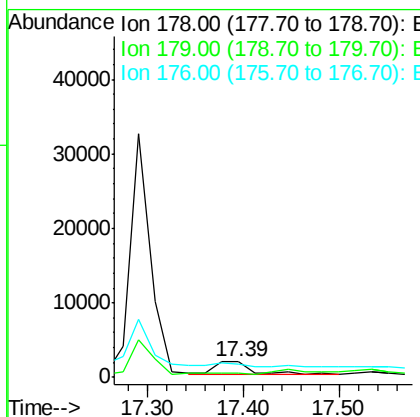
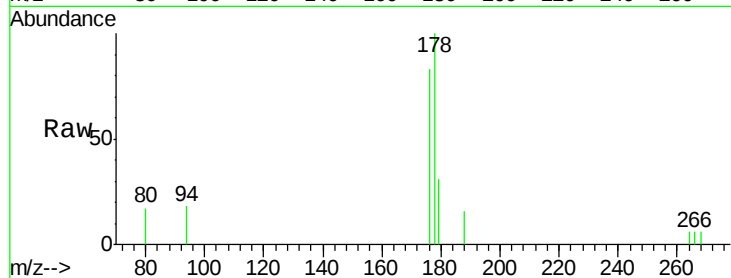
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Tgt Ion:178 Resp: 4355

Ion	Ratio	Lower	Upper
178	100		
179	30.8	18.1	27.1#
176	83.1	14.7	22.1#

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#15

Fluoranthene

Concen: 1.639 ng/ul

RT: 19.31 min Scan# 2754

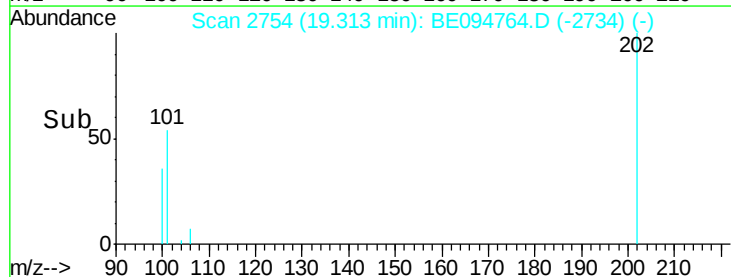
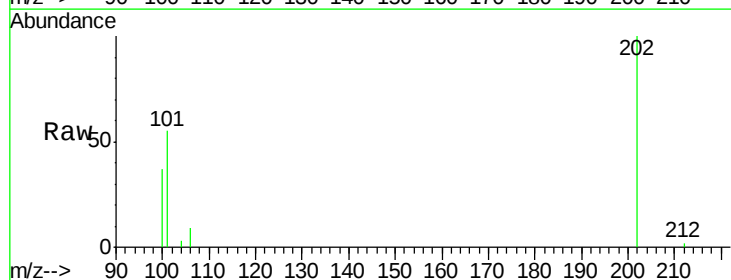
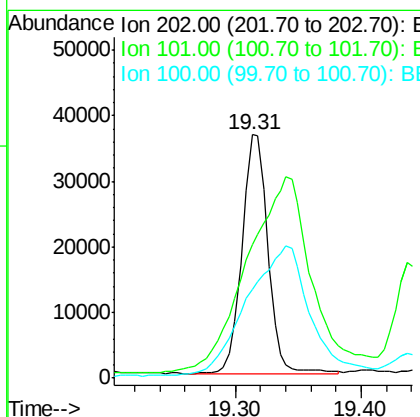
Delta R.T. -0.01 min

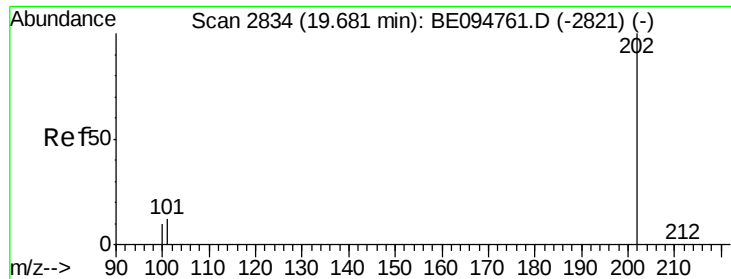
Lab File: BE094764.D

Acq: 6 Nov 2017 21:38

Tgt Ion:202 Resp: 51789

Ion	Ratio	Lower	Upper
202	100		
101	54.9	0.0	30.3#
100	36.6	0.0	39.5





#17

Pyrene

Concen: 1.625 ng/ul

RT: 19.68 min Scan# 2834

Delta R.T. -0.00 min

Lab File: BE094764.D

Acq: 6 Nov 2017 21:38

Instrument :

BNA_E

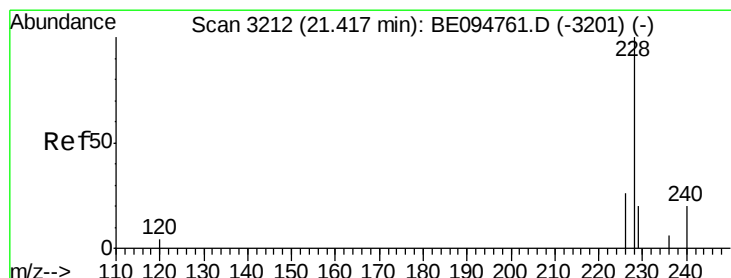
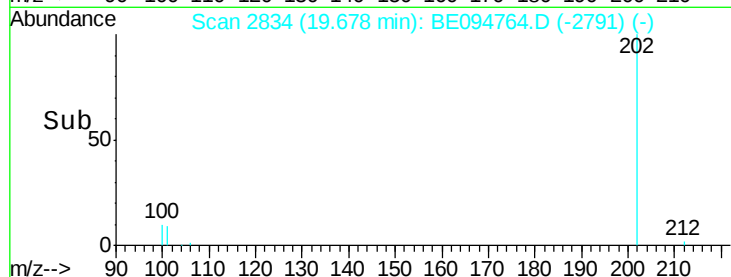
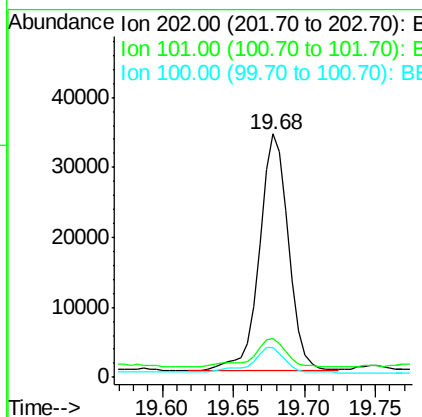
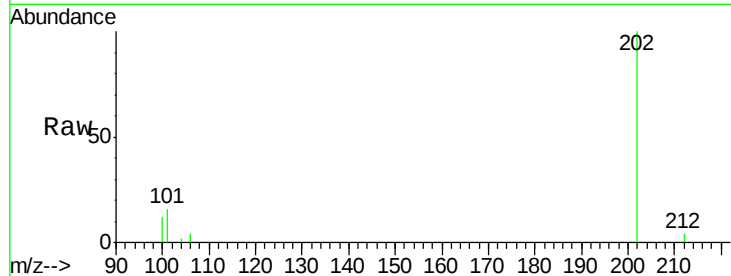
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Tgt Ion:	202	Resp:	48342
Ion Ratio	Lower	Upper	
202	100		
101	16.1	18.2	27.4#
100	12.1	15.6	23.4#

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#18

Benzo(a)anthracene

Concen: 1.032 ng/ul

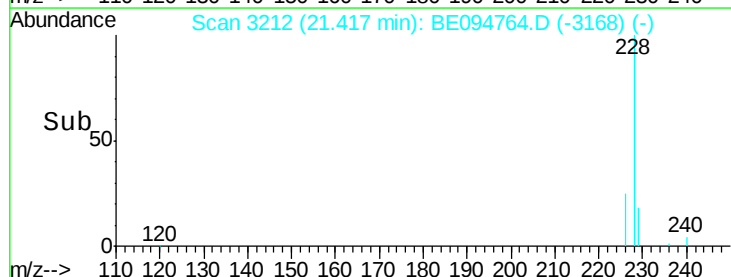
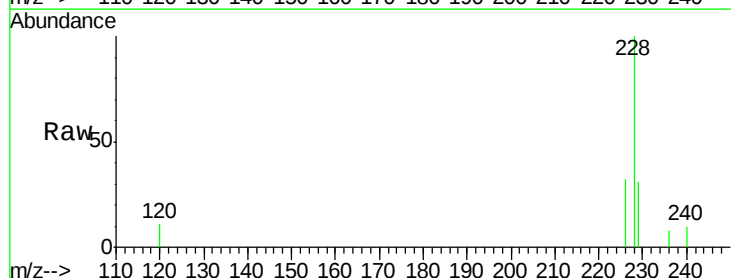
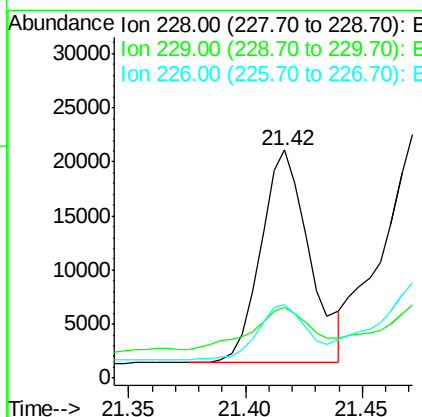
RT: 21.42 min Scan# 3212

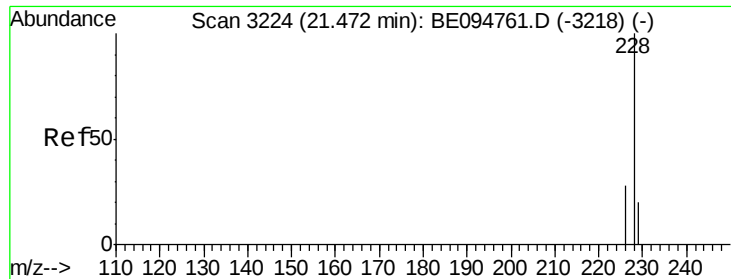
Delta R.T. -0.00 min

Lab File: BE094764.D

Acq: 6 Nov 2017 21:38

Tgt Ion:	228	Resp:	28393
Ion Ratio	Lower	Upper	
228	100		
229	31.2	22.8	34.2
226	32.4	17.0	25.6#





#19

Chrysene

Concen: 1.234 ng/ul

RT: 21.47 min Scan# 3224

Delta R.T. -0.00 min

Lab File: BE094764.D

Acq: 6 Nov 2017 21:38

Instrument :

BNA_E

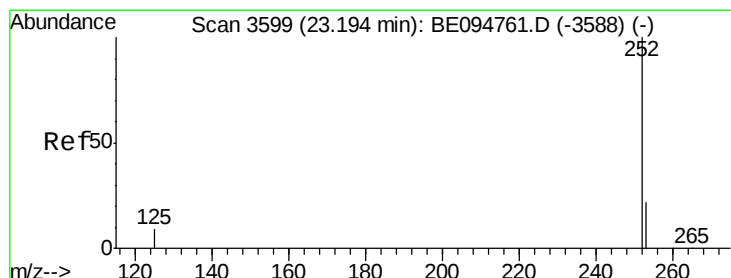
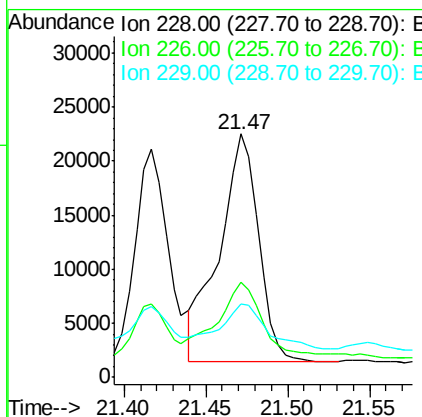
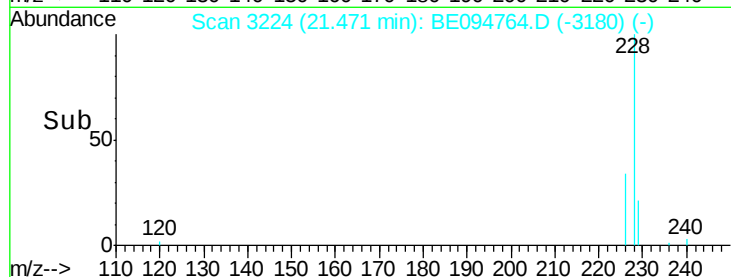
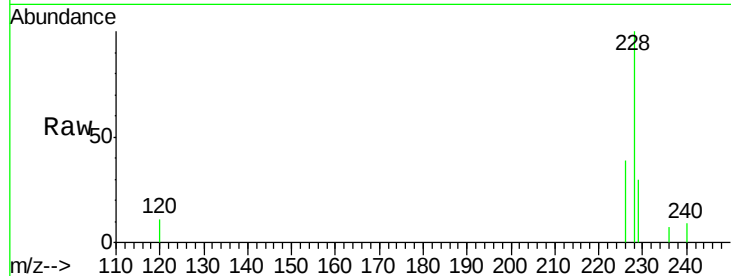
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Tgt Ion:	228	Resp:	35095
Ion Ratio		Lower	Upper
228	100		
226	38.9	23.4	35.0#
229	30.2	17.7	26.5#

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#21

Benzo(b)fluoranthene

Concen: 1.345 ng/ul m

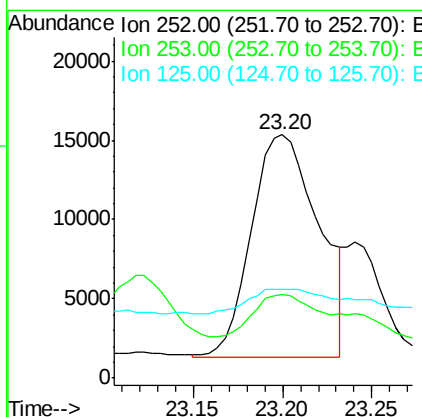
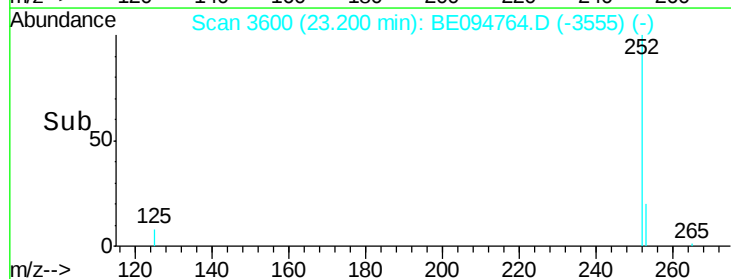
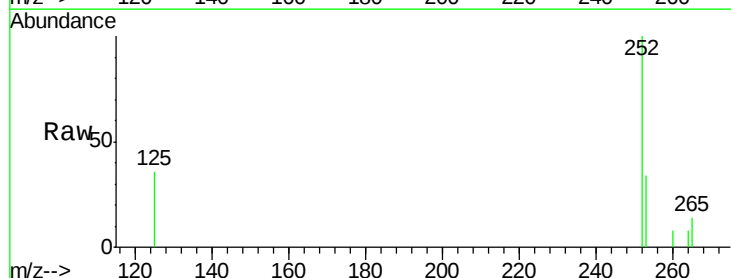
RT: 23.20 min Scan# 3600

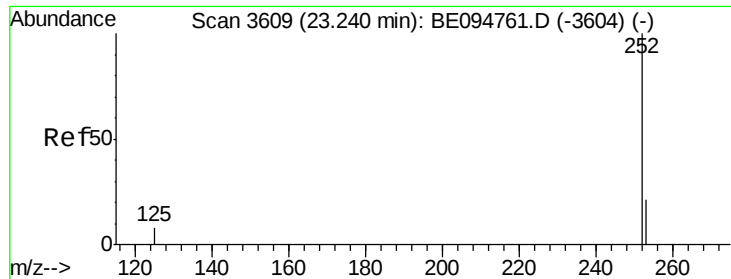
Delta R.T. 0.01 min

Lab File: BE094764.D

Acq: 6 Nov 2017 21:38

Tgt Ion:	252	Resp:	36862
Ion Ratio		Lower	Upper
252	100		
253	34.1	0.0	64.2
125	36.3	0.0	35.0#





#22

Benzo(k)fluoranthene

Concen: 0.402 ng/ul m

RT: 23.24 min Scan# 3609

Delta R.T. 0.00 min

Lab File: BE094764.D

Acq: 6 Nov 2017 21:38

Instrument :

BNA_E

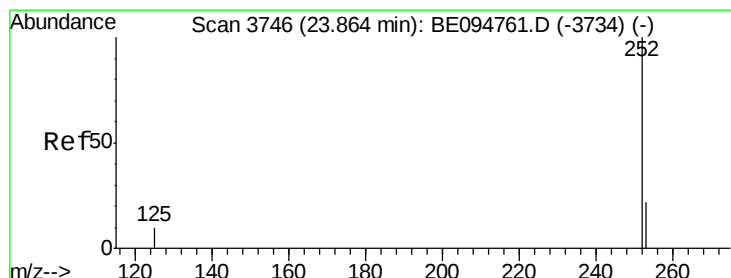
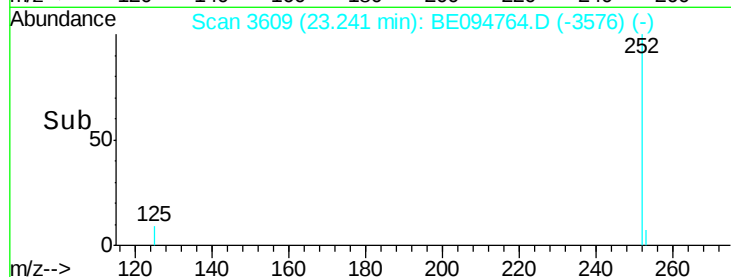
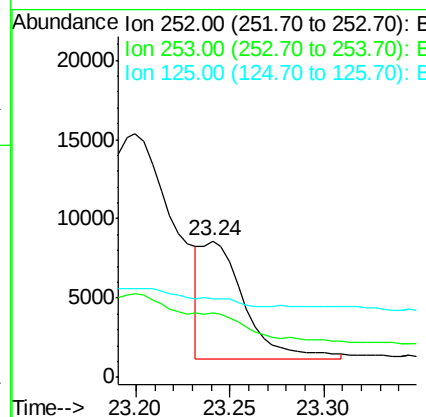
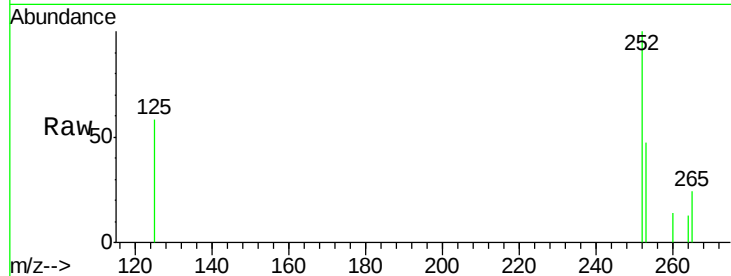
ClientSampleId :

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Tgt Ion:	252	Resp:	11796
Ion Ratio	Lower	Upper	
252	100		
253	47.2	24.5	36.7#
125	57.7	13.7	20.5#

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#23

Benzo(a)pyrene

Concen: 0.722 ng/ul

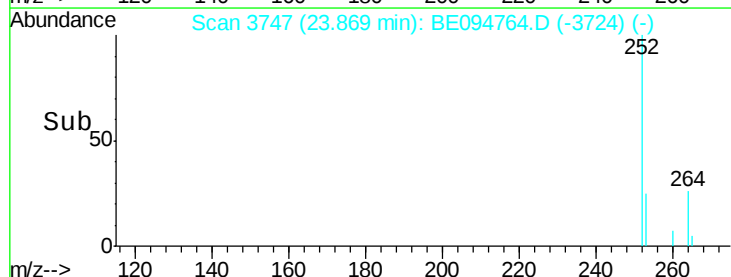
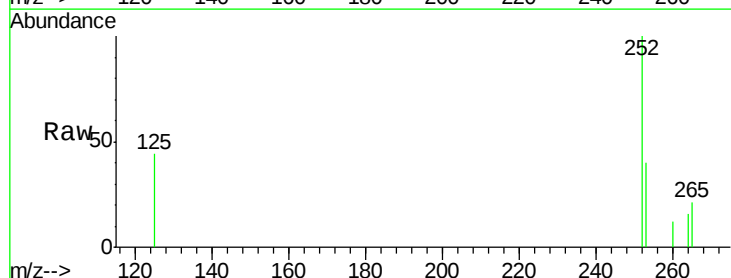
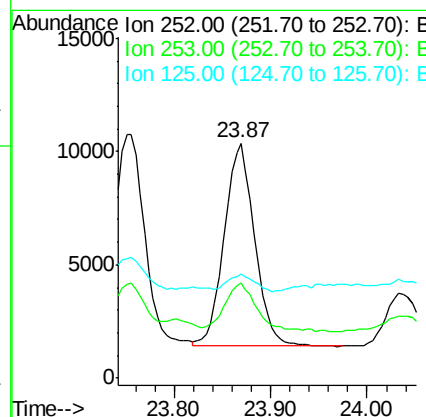
RT: 23.87 min Scan# 3747

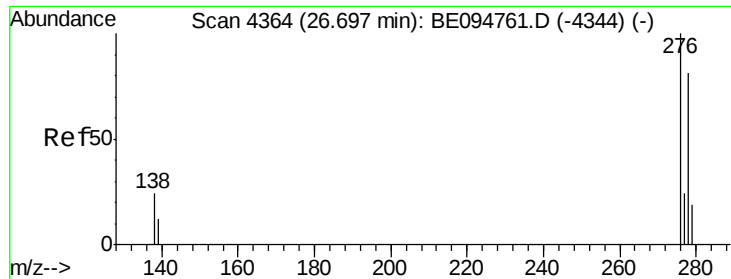
Delta R.T. 0.01 min

Lab File: BE094764.D

Acq: 6 Nov 2017 21:38

Tgt Ion:	252	Resp:	19763
Ion Ratio	Lower	Upper	
252	100		
253	40.3	28.5	42.7
125	44.3	18.1	27.1#





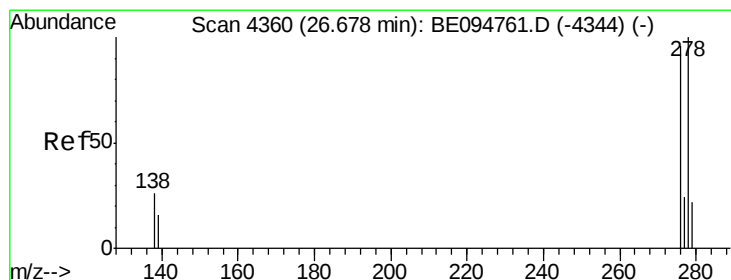
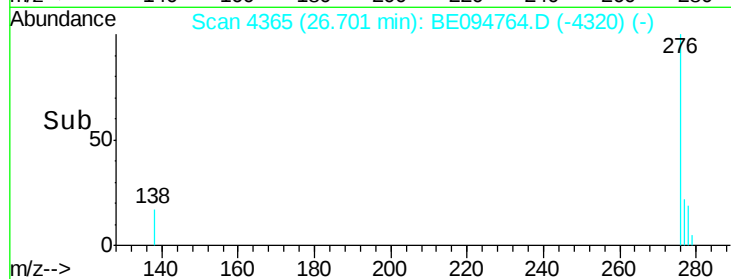
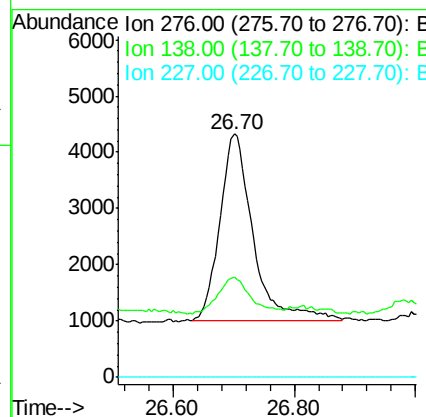
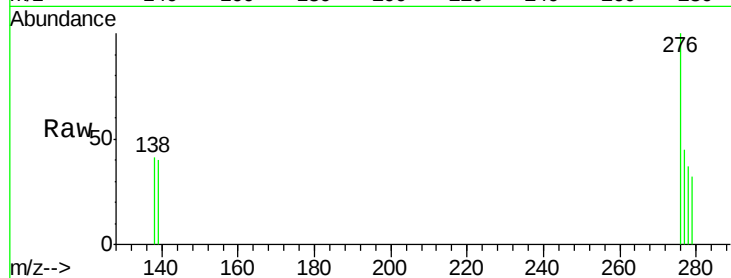
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.448 ng/ul
 RT: 26.70 min Scan# 4365
 Delta R.T. 0.00 min
 Lab File: BE094764.D
 Acq: 6 Nov 2017 21:38

Instrument :
 BNA_E
 ClientSampleId :
 B-52(0-1)-102317MSD

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.6	28.0	42.0#
227	0.0	8.0	12.0#

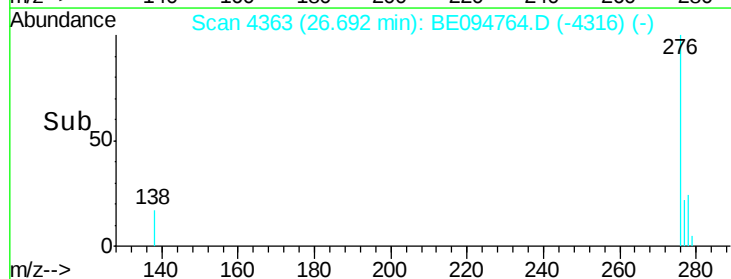
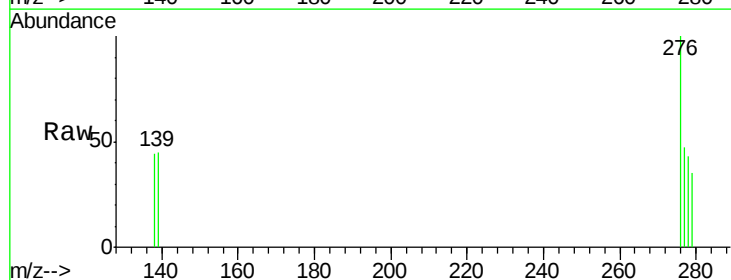
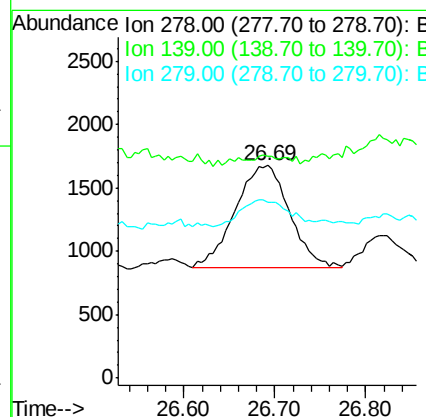
Manual Integrations
 APPROVED

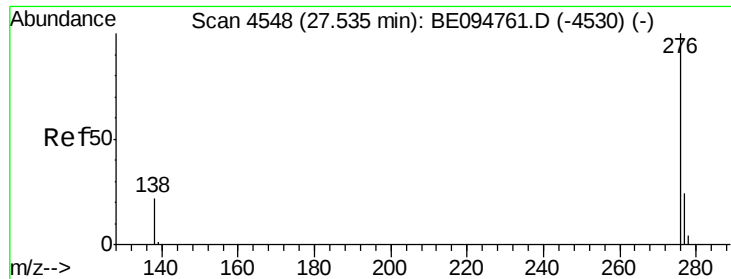
Sohil
 11/7/2017 5:41:58 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.138 ng/ul
 RT: 26.69 min Scan# 4363
 Delta R.T. 0.01 min
 Lab File: BE094764.D
 Acq: 6 Nov 2017 21:38

Tgt Ion	Ratio	Lower	Upper
278	100		
139	104.6	17.4	26.0#
279	82.4	25.9	38.9#





#26

Benzo(g,h,i)perylene

Concen: 0.514 ng/ul

RT: 27.55 min Scan# 4551

Delta R.T. 0.01 min

Lab File: BE094764.D

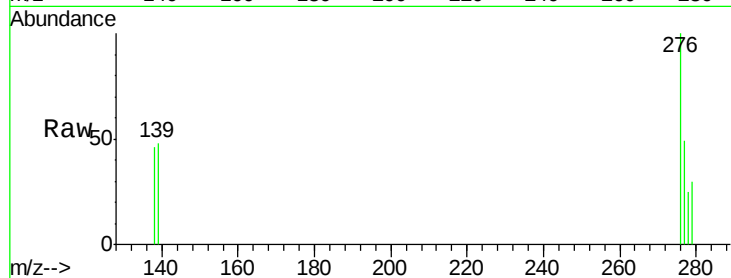
Acq: 6 Nov 2017 21:38

Instrument :

BNA_E

ClientSampleId :

B-52(0-1)-102317MSD



Tgt Ion: 276 Resp: 11694

Ion Ratio Lower Upper

276 100

138 45.8 21.8 32.8#

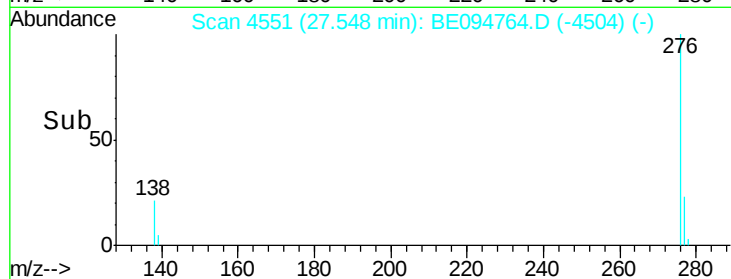
277 49.1 20.5 30.7#

Manual Integrations

APPROVED

Sohil

11/7/2017 5:41:58 PM



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

